



Engineering
and Testing

Geotechnical Engineering Services Report

Breton Landbridge West Marsh Creation Project (BS-0038)
Plaquemines Parish, Louisiana
APS File No: 2008-G063

Presented to:
Coastal Protection and Restoration Authority (CPRA)
150 Terrace Avenue
Baton Rouge LA 70802

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August 16, 2021

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Coastal Protection and Restoration Authority (CPRA)

150 Terrace Avenue
Baton Rouge LA 70802

Attention: **Ms. Jessica Diez**
Project Manager

Re: **Breton Landbridge West Marsh Creation Project (BS-0038)**
Geotechnical Engineering Analysis (Phase II)
Plaquemines Parish, Louisiana
APS File No.: 2008-G063

Dear Ms. Diez:

APS Engineering and Testing, LLC is pleased to submit our 95% Preliminary Geotechnical Engineering Report for the above referenced project. The report includes the results of our analysis and recommendations for the proposed four marsh creation areas in Plaquemines Parish, Louisiana.

We appreciate the given opportunity to perform this Geotechnical study and look forward to continue participating during the design and construction phases of this project. If you have any questions pertaining to this report, or if we may be of further service, please contact our office.

Respectfully submitted,
APS ENGINEERING AND TESTING, LLC



Sairam Eddanapudi, M.E., P.E.
Chief Engineer



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Engineer Intern

1.0 PROJECT INFORMATION

1.1 Project Authorization

APS Engineering and Testing has completed the subsurface exploration for the proposed marsh creation project in Plaquemines Parish, Louisiana. Our geotechnical engineering services were performed in general accordance with our APS Proposal No.:2006-G027.02 dated February 3, 2021. The contract No. 4400018143, "Geotechnical Services for CPRA" Task #2, Amendment #1, was received from Mr. Jerry Carroll, P.E. on February 3, 2021.

1.2 Project Description

History

Historically, this area was nourished by the freshwater delivered by the Mississippi River until the creation of the levees along the lower river. In 1991, the Caernarvon Freshwater Diversion began delivering freshwater to the marshes in the area. The major cause of wetland loss has been from Hurricanes Betsy and Katrina causing both storm-induced scouring and saltwater intrusion. The high subsidence rates range from 2.1-3.5 feet per 100 years. The 1984 to 2016 USGS loss rate is -1.76% per year for the extended boundary area. Many areas of once healthy marsh platforms in *Breton Sound* have converted to open water. Continued marsh loss in this area will affect the overall ecosystem functions within *Breton Sound*.



Project Objective

The primary goal of BS-0038 is to create approximately 326 acres of marsh by hydraulically dredging material from a borrow source located just north of the project area in Grand Lake. The material will be placed in four (4) marsh creation areas formed by constructing earthen containment dikes around the perimeter and nourishing an additional 97 acres of marsh. Three of the marsh creation areas will be stabilized by constructing proposed lakeside dikes that will be constructed with a combination of bucket dredge and marsh buggies. The lakeside slope of the berms will be planted with appropriate vegetation. The borrow area is a 195-acre area in Grand Lake located north of the subject project site.

The following tables show the data provided by the client. All elevations provided in this report are in NAVD88.

TABLE 1.0 Furnished Data

MCA #	Volume (C.Y)	Area (acres)
MCA 1	403,102	126
MCA 2	255,340	73
MCA 3	238,307	81
MCA 4	497,282	157
TOTAL	1,394,031	437

TABLE 2.0 Furnished Data

MCA #	Existing Mud Elevation (ft.)			Water Elevation (ft.)		
	Case I	Case II	Case III	MLW	MHW	Avg.
MCA 1	0	-1.5	-3.0	+0.44	+1.07	+1.0
MCA 2	-0.5	-3.0	-7.0	+0.44	+1.07	+1.0
MCA 3	-0.5	-3.0	-4.5	+0.44	+1.07	+1.0
MCA 4	-0.5	-2.0	-3.0	+0.44	+1.07	+1.0

1. Case I elevations were used in PSSDF analysis.
2. Case II and III were used in ECD
3. and Lake Dike analysis.
4. Average water elevation was used in the PSSDF analysis.
5. MLW and MHW elevations were used in ECD and Lake Dike analysis.

APS has completed the field exploration and associated laboratory testing of obtained soil samples during the first phase of the subject project. A complete Geotechnical Engineering Data Report was submitted on March 3, 2021. This report provides Phase II of the project including geotechnical engineering analysis of the proposed Breton Landbridge Marsh Creation Project as per current CPRA Marsh Creation Design Guidelines.

2.0 SITE GEOLOGY

The area predominantly consists of marsh deposits with organics at the shallow depths. Pleistocene deposits are approximately 200 feet below the existing grade at the project site. Natural levee deposits that may be present along distributary channels typically provide better subsurface soil conditions than marsh deposits.

3.0 SITE CONDITIONS

Based on the information provided by our field exploration crew, the area in general is wide open water areas with some vegetation. The data provided by the client shows that there are NO pipelines running through the proposed MCAs. In general, based on our field explorations the height of water above the mudline across the site varied from one to four feet in the marsh

creation areas. In the borrow areas, the height of water varied from five to seven feet along the perimeter of the site.

4.0 SUBSURFACE SOIL CONDITIONS

The materials encountered at the borrow area exploration are primarily clay with silt and fine sand from the mudline to a depth of about 25 feet. The upper material also consists of peat or organic clay layers.

The Marsh creation area exploration primarily consists of clays with interbedded sand and silt layers of varying thicknesses. The marsh borings were drilled to a maximum depth of 40 feet below the mudline. The marsh area consists of peat and clay with high organic content in the top 2-6 feet from the mudline. The material consistency ranged from very soft to medium stiff to the termination depth of the boring.

SOIL DESIGN PARAMETERS

The peat layers present at the top were highly compressible and have percentage of organics over 30%. The shear strength of the peat layer ranged from 50-100 PSF. The soil design parameters such as shear strength, wet/saturated unit weight and moisture content are presented in tables for each MCA in the APPENDIX C. The key parameters in determining the magnitude of consolidation of foundation soils, such as Pre-consolidation Pressure, Compression Index and Permeability values were determined from one-dimensional consolidation tests performed for each MCA.

The shear strength of normally consolidated soils was plotted along with 22% and 30% of cumulative overburden pressure line against depth. This trend line showed that the subsurface soils at the site are in general, normally consolidated.

5.0 DISCUSSION

Upon review of the existing soil conditions from our subsurface exploration at marsh creation areas and the borrow area, we consider that the proposed project is feasible from a geotechnical point of view. APS has completed the geotechnical analysis in coordination with the design engineers and based on the latest comments received from the client on May 24, 2021.

The selection and documentation of the soil design parameters for the various project features were discussed and approved by CPRA prior to completion of our analyses. Initial soil design parameters were approved by CPRA through correspondence on March 3, 2021. Additional changes were made following the review of our preliminary analyses and were approved during our weekly progress meetings.

The engineering analyses included determination of the total settlement of self-weight of dredged sediment combined with compressibility of underlying subsurface soils over 20-year design life. APS

has estimated the total settlement of the dredge fill and compressible foundation layers using Primary consolidation, Secondary compression, and Desiccation of Dredged Fill (PSDDF) software developed by US Army Corp of Engineers. PSDDF analysis was performed for various fill heights such as 3.75, 4.0, 4.5, 4.75, 5.0 and 5.5 feet of dredge fill material with target elevations in the range of +1.1 over the design life of 20 years. The mud elevations for all MCAs were in the range of -1 to -3.0 (NAVD88). A construction period of 45 days was taken into our calculations.

The initial slope stability analysis was performed for all MCAs with respective mudline elevations of each MCA. These results are attached in the APPENDIX B. A representative Lake Dike and ECD section was chosen, and the analysis was performed with one shearline developed using all the boring data and CPT data across all MCAs. After further review by the client, additional analysis was performed modeling internal as well as external borrow areas for all three cases (A-1, A-2 and B) as outlined in the latest version of CPRA's MCDG.

There were a few areas within MCA 2 and MCA 4 that the mud elevation was much deeper. Therefore, additional slope stability analysis of Lake Dike was performed with mud elevation as deep as -7.0. All three cases are discussed, and results are presented in the following sections of this report.

Please review the following sections for further information on the dredge fill and foundation settlement analysis results along with Lake Dike and Earthen Containment Dike (ECD) slope stability and settlement analysis results.

6.0 GEOTECHNICAL ANALYSIS RESULTS & RECOMMENDATIONS

A total of five soil borings, B-1 through B-5 were performed in the proposed marsh creation areas. The laboratory test data was used to develop the parameters required to perform the PSDDF analysis for each MCA. For each MCA, the foundation soils layers were developed based on the consolidation tests assigned along the depth of marsh creation area soil borings. From these test results, void ratios, and effective stresses along with corresponding permeability values were used in the PSDDF software to determine settlement of dredge fill as well as compressible foundation soils.

Based on our assumptions regarding dredge fill placement rates and properties, our estimates of settlement indicate acceptable performance for a constructed marsh fill elevation (CMFE) of approximately +3.5 feet at the end of construction considering a dredge fill placement rate corresponding to approximately 45 days. The presented elevations in this report assume all flocculate and zone settling is complete.

Based on the information provided by the client the construction period was assumed to be 45 days for all MCAs and the filling will be performed in stages. At each MCA, total fill placement was divided into approximately equal intervals over the construction period.

The recommended ECD/Lake Dike crown elevations will accommodate approximately one foot of freeboard above the constructed marsh fill elevation to allow for additional elevation due to slurry concentration. Our analyses are based on the MCDG requirement of a 5-foot-wide ECD crown having 4H:1V side slopes and assume an approximate bench width of 25 feet from the borrow area. We have assumed the side slope of the borrow channel is approximately 2H:1V and extends from the mudline to elevation -12.0.

A general shearline and compressibility parameters were developed using all the soil boring and CPT data to analyze the ECDs and Lake dikes for all the four MCAs. The ECD and Lake dike for each MCA were analyzed with their respective mud and water elevations. The design parameters are attached in APPENDIX B for review.

6.1 Marsh Creation Area Settlement

As requested by the client, APS has performed settlement analysis of foundation soils along with dredge fill using PSDDF software for all four MCAs. The *Case 1 of the mud elevations and average water elevations* shown in **TABLE 2.0** were used in the PSDDF analysis. The rainfall details used were from the Climatological Data Publications on NOAA software provided by the client.

The thickness of dredged material in a contained area is reduced by primary consolidation, secondary compression, and desiccation. The low stress consolidation and settling column test results were used to determine input parameters for the dredged fill materials.

In this project, the borrow material is predominantly silt and therefore, consolidation within the dredged fill occurs over a long period of time after the construction. The fill pumping and dewatering techniques will also govern the overall settlement with respect to time.

The sum of the dredge fill settlement and the underlying foundation soil settlement were used to determine the total settlement that will be realized at the surface of the dredged fill area after filling is complete.

The following tables show the consolidation settlement of foundation soils for limited number of time periods for different dredge fill heights. The constructed marsh fill elevation is the estimated elevation of fill at the end of 45 days of construction period. Please refer to the curves attached in the APPENDIX A.

TABLE 3.0 Foundation Soil Consolidation Settlement (feet) due to Dredge Fill

Marsh Creation Area (MCA)	CMF Elevation ¹ (feet)	Existing Mudline Elevation (NAVD 88)	Foundation Soil Settlement (feet)				
			0.5	1	5	10	20
1	+2.00	0	0.36	0.53	0.56	0.56	0.56
	+2.50		0.36	0.53	0.60	0.60	0.60
	+3.00		0.36	0.54	0.62	0.62	0.62
2 & 3	+2.75	-0.5	0.14	0.19	0.28	0.30	0.30
	+3.20		0.15	0.20	0.29	0.31	0.31
	+3.70		0.14	0.19	0.29	0.31	0.31
4	+2.75	-0.5	0.14	0.28	0.35	0.35	0.35
	+3.25		0.14	0.28	0.35	0.36	0.36
	+3.75		0.14	0.29	0.35	0.36	0.36

1. Constructed Marsh Fill (CMF) Elevation is the height anticipated at the end of 45-day construction period.

TABLE 4.0 Marsh Surface Elevation (NAVD88)

MCA #	CMF Elevation ¹ (ft)	Years				
		0.5	1	5	10	20
1	+2.00	+1.59	+1.16	+1.12	+1.12	+1.12
	+2.50	+2.12	+1.51	+1.39	+1.39	+1.39
	+3.00	+2.55	+1.87	+1.50	+1.50	+1.50
2 & 3	+2.75	+1.93	1.75	+1.31	+1.31	+1.31
	+3.20	+2.23	+2.02	+1.52	+1.52	+1.52
	+3.70	+2.57	+2.32	+1.63	+1.63	+1.63
4	+2.75	+1.92	+1.39	+1.24	+1.24	+1.24
	+3.25	+2.23	+1.63	+1.46	+1.46	+1.46
	+3.75	+2.57	+1.83	+1.58	+1.57	+1.57

6.2 Lake Dike and ECD Analysis Results & Recommendations

The excavated material will be placed by un-compacted methods for the construction of containment dike and lake dike. The stability analysis assumes that these materials will be excavated and placed by mechanical methods. APS recommends placing an un-compacted dike fill in three-foot lifts. If the depth of standing water is closer to MLW, then consideration should be given to placing an initial fill lift for the entire length of the dike before proceeding to the next lift. This method will initiate consolidation of foundation soils as well as provide a means for the un-compacted fill to provide a sufficient wearing surface. This will also decrease the potential for slope failure within the fill as the dike is constructed.

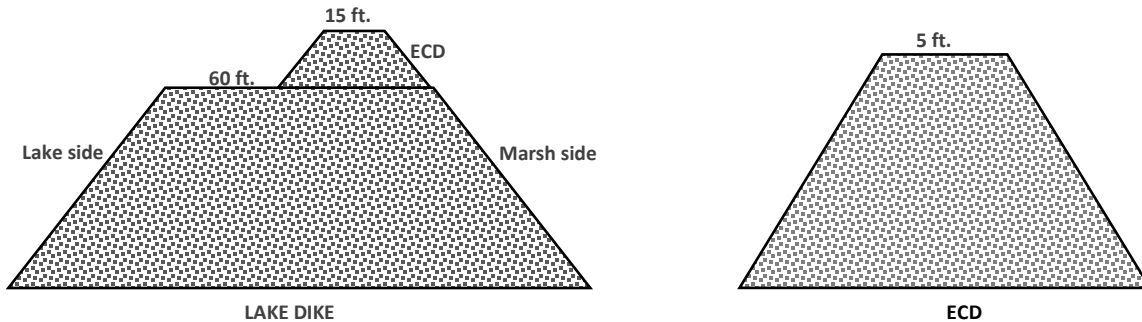
The slope stability and time rate of settlement analysis results of earthen containment dike (ECD) and the lake dike showed that factors of safety are greater than 1.20 as per CPRA guidelines. Therefore, APS believes that constructability of containment dikes is feasible with an approximate freeboard of 12 inches and with a minimum bench width of 25 feet. CPRA requires that five feet offset from the toes of the dike where no equipment is allowed to mitigate.

As requested by the client, APS has completed the settlement and slope stability analysis with Case II mud elevation with MLW and MHW values presented in Table 2.0.

6.2.1 Slope Stability Analysis

A total of five soil borings and 11 CPTs performed in the marsh creation areas were used in the development of soil properties to perform respective containment dike stability and settlement analyses. SLOPE/W software (GeoStudio V. 2016) was used to perform the analysis using *Spencer* method.

A Lake Dike was evaluated with a minimum height of six (6) feet to a maximum height of 11.5 feet as shown in the sketch below. A 1V:4H slope was used for all the lake dikes and containment dikes. Based on our analysis, a minimum bench width of 25 feet between the dike and borrow channel excavated will be sufficient during construction. Table 5.0 shows the properties of dredge fill and containment dike used in the slope stability analysis. The results of slope stability analyses are presented in Table 6.0 and Table 7.0.



The above sketches are for understanding purposes only and NOT TO SCALE.

TABLE 5.0 Properties used in Slope Stability Analyses

Material Properties	For all four MCAs	
	Dredged Fill	Lake Dike/ECD
Unit Weight (pcf)	80	80
Cohesion (psf)	50	50-80

TABLE 6.0 Lake Dike Slope Stability Analysis Results

MCA #	Mud Elevation (ft.)	CMF Elevation (feet)		Factor of Safety		
		Lake Dike	ECD	Case A-1	Case A-2	Case B
1	-1.5	+3.25	+4.25	1.59	2.53	1.91
2	-3.0	+3.5	+4.50	1.42	2.15	1.78
3	-3.0	+3.5	+4.50	1.42	2.15	1.78
4	-2.0	+3.5	+4.50	1.37	2.15	1.85

TABLE 7.0 ECD Slope Stability Analysis Results

MCA #	Mud Elevation (ft.)	ECD CMF Elevation (feet)	Factor of Safety		
			Case A-1	Case A-2	Case B
1	-1.5	+4.25	1.27	2.22	1.27
2	-3.0	+4.50	1.28	2.56	1.28
3	-3.0	+4.50	1.28	2.56	1.28
4	-2.0	+4.25	1.40	1.77	1.39

An MLW of +0.44 and an MHW of +1.07 was used in the slope stability analysis for all four MCAs. A surcharge pressure of 260 PSF was applied due to long reach marsh buggy excavator.

Additional Slope Stability Analysis

Additional analysis was performed at the deeper section as per client’s request. Deeper sections were identified for the Lake Dike in MCA 2 and 3. The Soil Properties were developed with the boring and CPTs data confined to their respective MCAs.

TABLE 8.0 Additional Lake Dike Slope Stability Analysis Results

MCA #	Mud Elevation (ft.)	CMF Elevation (feet)		MHW on Lake Side Factor of Safety		MHW on Marsh Side Factor of Safety		Factor of Safety
		Lake Dike	ECD	Case A-1	Case A-2	Case A-1	Case A-2	Case B
Representative	-3.0	+3.50	+4.50	1.25	2.15	1.53	2.16	1.55
2	-6.0	+3.50	+4.50	1.27	2.02	1.52	2.02	1.62
4	-7.0	+3.50	+4.50	1.29	2.24	1.54	2.25	1.66

CASE A-1: A global stability check performed on Lake Dike/ECD with borrow excavation; MHW on opposite side of borrow and MLW on borrow side.

CASE A-2: A local stability check performed on Lake Dike/ECD with borrow excavation subjected to distributed surcharge load of 260 PSF; MLW on borrow side excavation.

CASE B: Stability check with dredged fill placed to CMF elevation with MLW on opposite side of borrow.

Containment dike analyses for all four MCAs met the minimum required factor of safety of 1.20. Based on our analysis, a marsh buggy mounted long reach excavator situated on a bench is suitable to perform the excavation for the lake dike along with containment dike construction.

6.2.2 Settlement Analysis

APS has performed time rate of settlement analysis of lake dike and containment dikes for all four MCAs constructed with respective crown elevations using Settle3D version 4.0 software. The settlement of earthen containment dikes is governed by the following two components.

- Consolidation of underlying soils due to loads from the dike; and
- Shrinkage within the lake dike/containment dike fill material.

Shrinkage of fill material depends mainly on method of construction, weather, and height of fill. It mostly occurs on exterior side of the dike which is relatively exposed more to weather. Shrinkage settlement of dike is approximately 20% of dike height above the water that is exposed to weather. However, the shrinkage settlement may vary with changes in water level over the period of time after construction. A MLW of +0.44 was used to calculate the shrinkage settlement as the scope of work does not include to perform shrinkage limit test and therefore it is the more conservative approach.

TABLE 9.0 Lake Dike Settlement Analysis Results

Marsh Creation Area (MCA)	Lake Dike Elevation (feet)	Estimated Consolidation Settlement of Foundation Soil (Inches)								Settlement due to Shrinkage ^{1,2} (Inches)
		30 days	60 days	90 days	120 days	180 days	Year 1	Year 2	Year 5	
1	+4.25	6.8	10	11.8	12.9	14.5	16	16.6	17.2	6
2	+4.5	9.4	13.5	15.2	16.5	18.2	20	21.1	23.3	6
4	+4.5	3.0	4.0	4.6	5.3	6.3	9.2	11.5	14.5	6

1. Approximate Shrinkage Settlement = (Initial Dike Elevation - MLW) * 0.2
 2. Consolidation settlement does not include Shrinkage settlement.

TABLE 10.0 ECD Settlement Analysis Results

Marsh Creation Area (MCA)	ECD Elevation (feet)	Estimated Consolidation Settlement of Foundation Soil (Inches)								Settlement due to Shrinkage ^{1,2} (Inches)
		30 days	60 days	90 days	120 days	180 days	Year 1	Year 2	Year 5	
1	+4.25	7.6	11.6	13.5	14.5	15.9	17.2	17.6	18.0	10
2	+4.50	8.0	10.9	12.4	13.3	14.2	15	15.5	16.3	10
3	+4.50	8.0	10.9	12.4	13.3	14.2	15	15.5	16.3	10
4	+4.50	3.0	3.9	4.5	5.1	6.0	8.8	11.2	13.8	10

1. Approximate Shrinkage Settlement = (Initial Dike Elevation - MLW) * 0.2
 2. Consolidation settlement does not include Shrinkage settlement.

6.3 Soil Bearing Capacity

APS has evaluated the ultimate soil bearing capacity of the earthen containment dikes considering a marsh elevation of -3.0. The near-surface material encountered at the site are very weak and are compressible. In order to achieve a bearing capacity factor of safety of at least 1.1 for the proposed containment dikes, an undrained shear strength of approximately 80 PSF would be necessary. The construction of containment dikes in stages will help achieve the required bearing capacity. Our assumptions and calculations regarding bearing capacity are presented in the APPENDIX D.

The volume of material placed will vary along the alignment based on quality of fill material placed, and the exact means and methods of the contractor (e.g., drop height of excavated soils from the side cast, rate of placement of the excavated soils). The near surface soil strength encountered varied. Areas of sufficient soil strength to achieve design grades without bearing capacity failures may exist along the ECD alignment.

6.4 Cut to Fill Ratio

A cut to fill ratio of 1.2 is recommended for this project accounting for the losses due to localized containment dike failures, leaking pipes, and dewatering of the fill sites; although a cut to fill ratio of 0.75 was calculated as shown below. The cut to fill ratios should also account for the losses during transportation of borrow material. Since APS does not have information about the type of equipment used during construction pipe losses during transportation cannot be calculated.

Typically, end of construction void ratio (e_i) obtained from Settling Column Test, was used in determining the cut to fill ratios. However, based on the information from the client, the void ratio of fill material at 20 years was taken into account to calculate the cut to fill ratios. The volume of the soil solids pumped from the borrow area will be estimated by measuring the mud elevations before and after the dredging operations. This method assumes to estimate the volume of solids pumped into the fill area thereby reducing the cut to fill ratios.

TABLE 11.0 CUT TO FILL RATIO

FILL VOLUME (Cubic Yards) (from Table1.0)	1,394,031
DESIGN LIFE @ 20 YEARS (Days)	7300
SPECIFIC GRAVITY OF DREDGED MATERIAL	2.71
APPROX. INSITU WATER CONTENT OF DREDGED MATERIAL (%)	90
UNIT WEIGHT OF WATER (g/L)	1,000
PERCENT FINES IN DREDGED MATERIAL (%)	99.2
PERCENT SAND IN DREDGED MATERIAL (%)	0.8
SETTLED SOLIDS CONCENTRATION, g/L (C_d) (from settling column test)	582.8
INITIAL VOID RATIO OF HYDRAULIC DREDGE @ 20 YEARS (e_i)	3.65
INSITU VOID RATIO OF SEDIMENT (e_s)	2.44
CALCULATED CUT TO FILL RATIO	0.75
RECOMMENDED CUT TO FILL RATIO	1.2

(From USACE EM-1110-2-5027)

$$e_o = ((G_s \gamma_w) / C_d) - 1$$

$$V_{FINES} = v_i (((e_o - e_i) / (1 + e_i)) + 1)$$

where

$$e_i = w G_s / S_D$$

W = Approximate In-situ moisture content

Obtained from borrow area boring logs

This project proposes to create marsh by dredging sediment from the Grand Lake for placement into the designated four fill sites. Mechanical dredging is primarily based on the expected transport losses during construction, desiccation of the clayey material in the project area, and consolidation of the material under its own weight.

7.0 CONSTRUCTION CONSIDERATIONS

- For Construction of the dikes, a minimum bench width of 25 feet is required for all four Marsh Creation Areas (MCA) between the toe of the dike and start of the excavation. This is based on stability of dike and borrow excavation and minimum room needed for marsh buggy. Marsh buggy long reach excavators used to construct the dikes must stay at least 5 feet away from the edge of the excavation bank. To maintain excavation overall embankment stability, we recommend that marsh buggies remain as close to the dike as practically possible.
- The settlement of foundation soils will be monitored periodically after the construction of containment dikes and placement of dredged fill.
- Changes of water levels can significantly affect construction and the containment dike stability. High water levels may increase erosion, while low water levels may reduce fill buoyancy causing failures.

8.0 REPORT LIMITATIONS

The analyses and recommendations presented in this report are based on the existing field conditions at the time of the investigation. Furthermore, they are based on the assumption that the exploratory borings are a representation of the subsoil conditions throughout the site. Please note that variations in the subsoil conditions may occur between and beyond borings. If variations in those conditions are encountered during construction, APS shall be notified immediately in order to assess the situation, confirm the recommendations included in this report, or modify them according to their own

judgment. If APS is not notified of such variations, APS will not be responsible for the impact of those variations on the project.

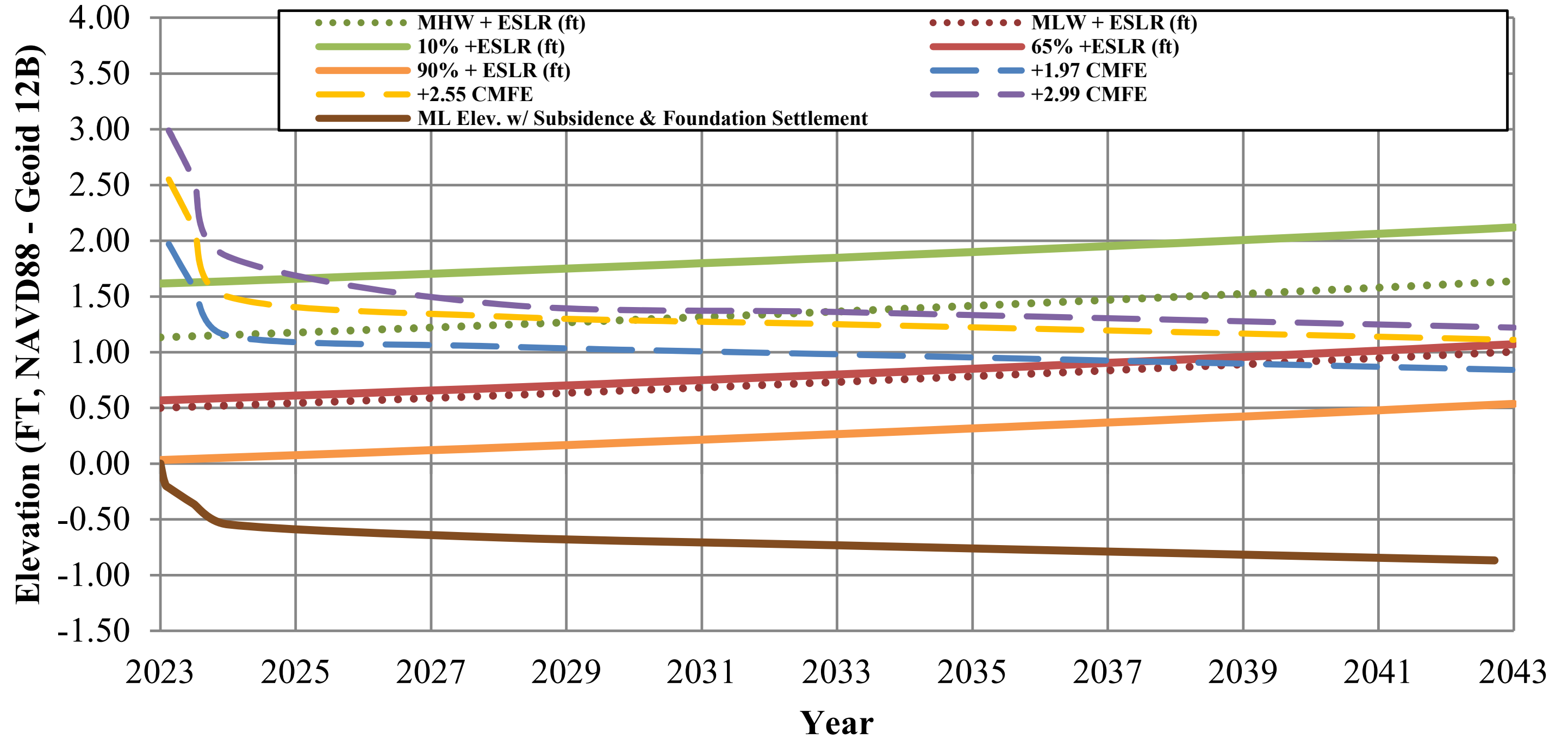
Furthermore, this report is based on the design considerations presently known to us. Project designers must be aware of this situation to check if any important design parameter has been overlooked or requires additional clarification. If the nature of the project should change, the recommendations given in this report shall be re-evaluated. If APS is not notified of such changes, APS will not be responsible for the impact of those changes on the project.

The only warranty regarding our services is that the findings, recommendations, specifications, or professional advice contained herein have been made in accordance with the generally accepted professional geotechnical engineering practices in the local area. No other warranties are implied or expressed.

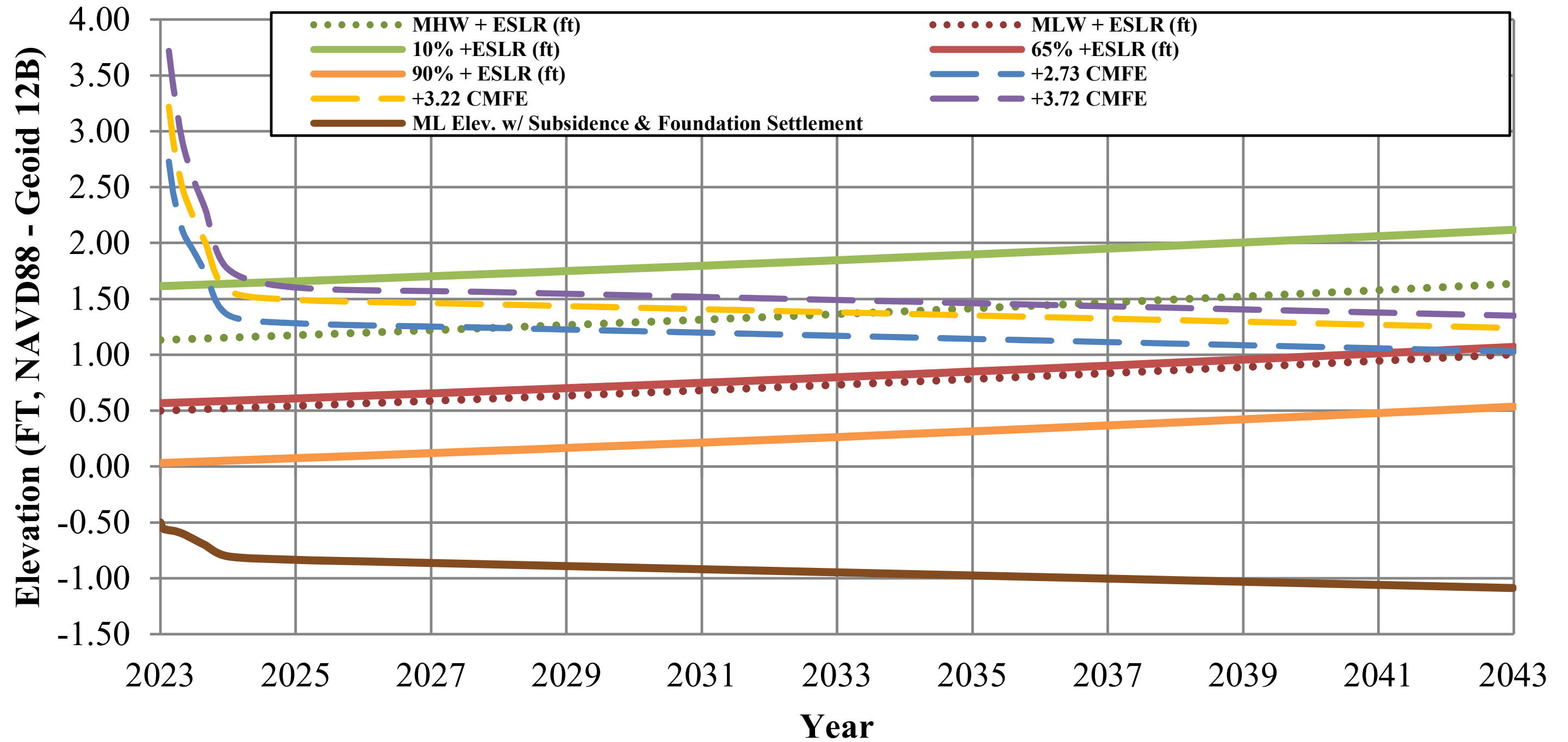
This report has been prepared for the exclusive use of **Coastal Protection and Restoration Authority (CPRA)** and their design/construction team associated to this specific project.

APPENDIX

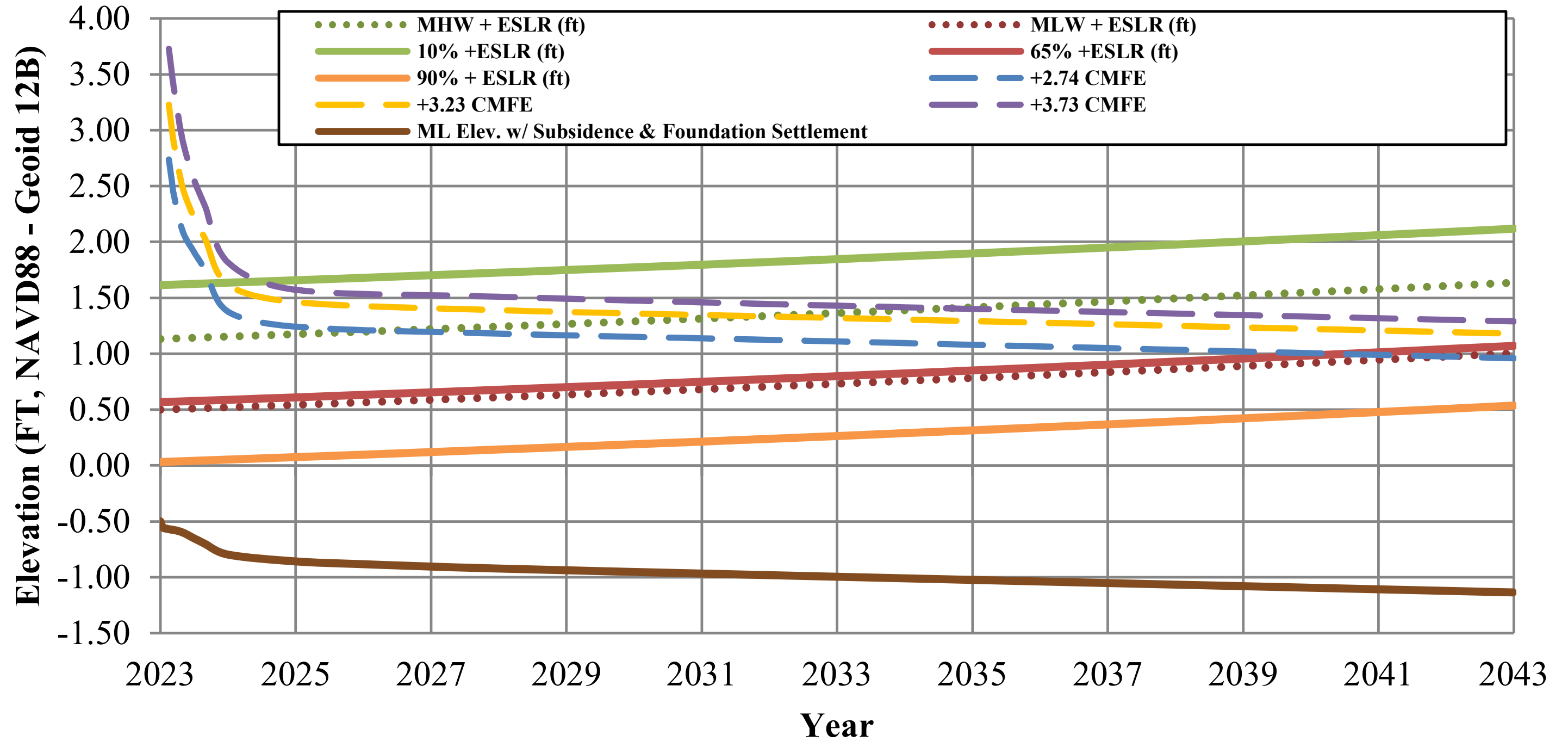
MCA-1 Target Settlement Curve for Breton Landbridge Marsh Creation West (BS-0038) (APS, 2021)



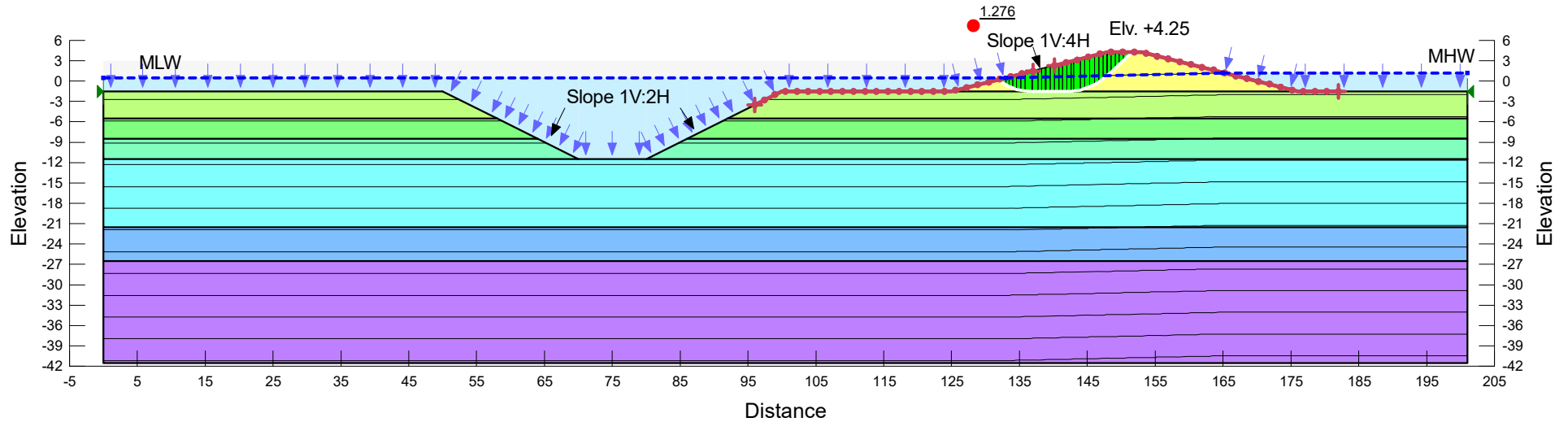
MCA-2 and MCA-3 Target Settlement Curve for Breton Landbridge Marsh Creation West (BS-0038) (APS, 2021)



MCA-4 Target Settlement Curve for Breton Landbridge Marsh Creation West (BS-0038) (APS, 2021)

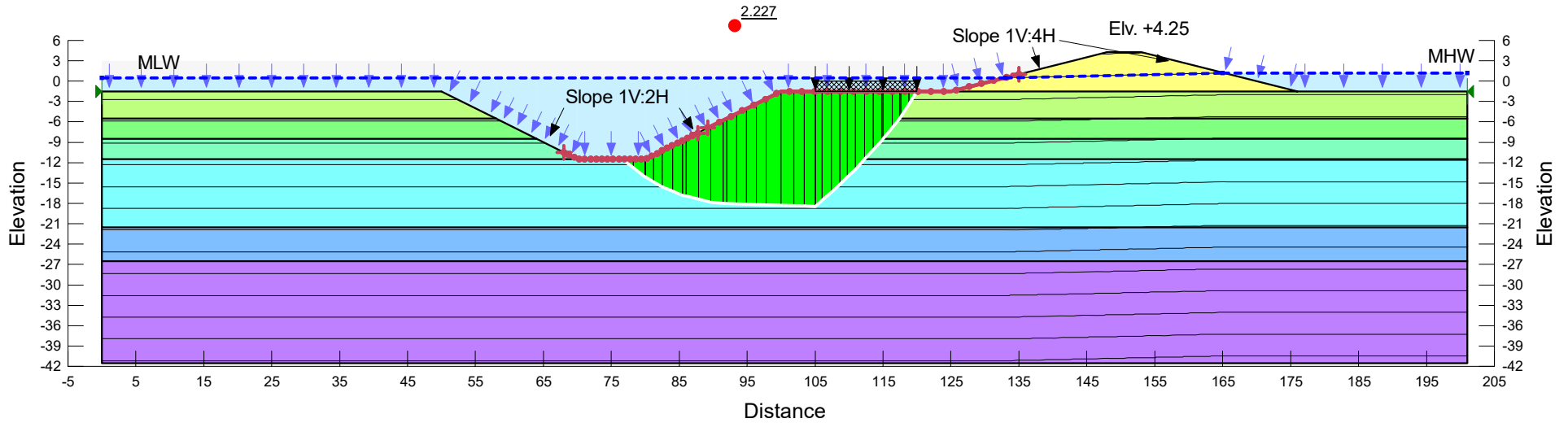


MCA - 1(ECD) Case A-1



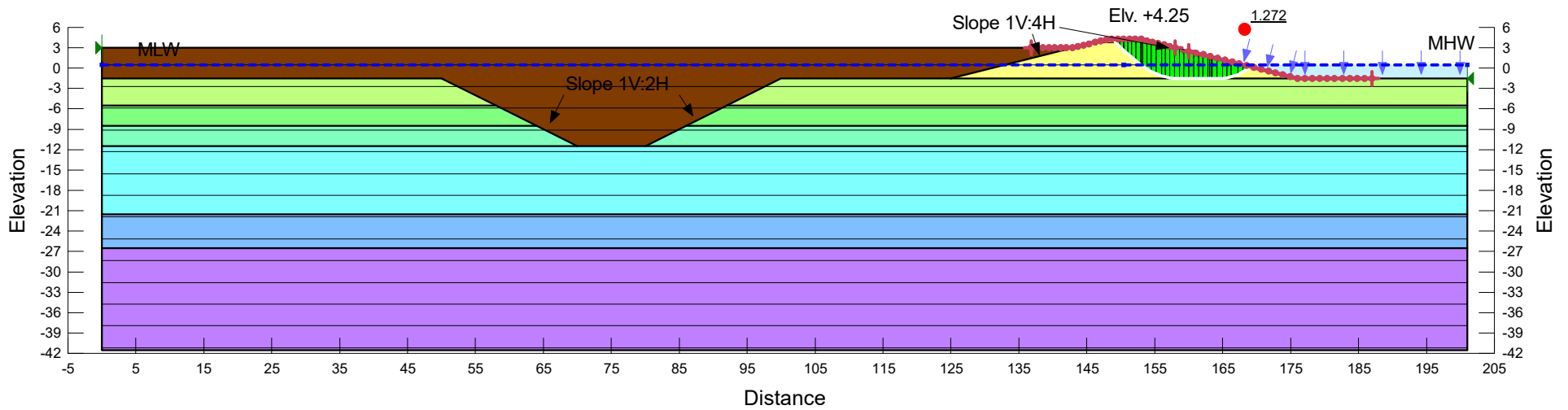
Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line
Light Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1
Medium Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1
Purple	CH/CL 6th	Undrained (Phi=0)	100	350	1
Yellow	OH/CH fill	Undrained (Phi=0)	80	50	1
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1

MCA - 1(ECD) Case A-2



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line
Light Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1
Light Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1
Purple	CH/CL6th	Undrained (Phi=0)	100	350	1
Yellow	OH/CH fill	Undrained (Phi=0)	80	50	1
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1

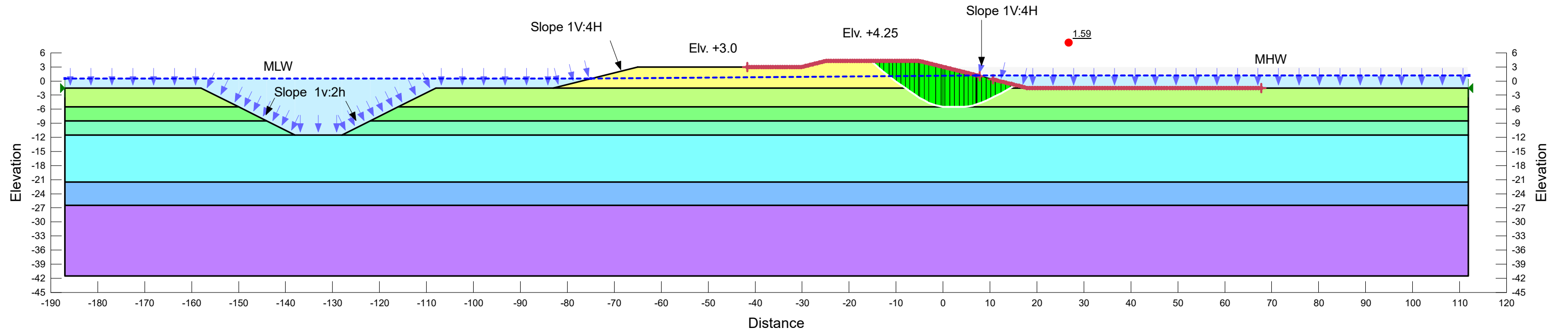
MCA - 1(ECD) Case B



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	Cohesion' (psf)	Phi' (°)	Phi-B (°)
Light Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
Light Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1			
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1			
Purple	CH/CL 6th	Undrained (Phi=0)	100	350	1			
Brown	Marsh Fill	Mohr-Coulomb	80		1	0	0	0
Yellow	OH/CH fill	Undrained (Phi=0)	80	50	1			
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1			

MCA - 1(Lake Dike)

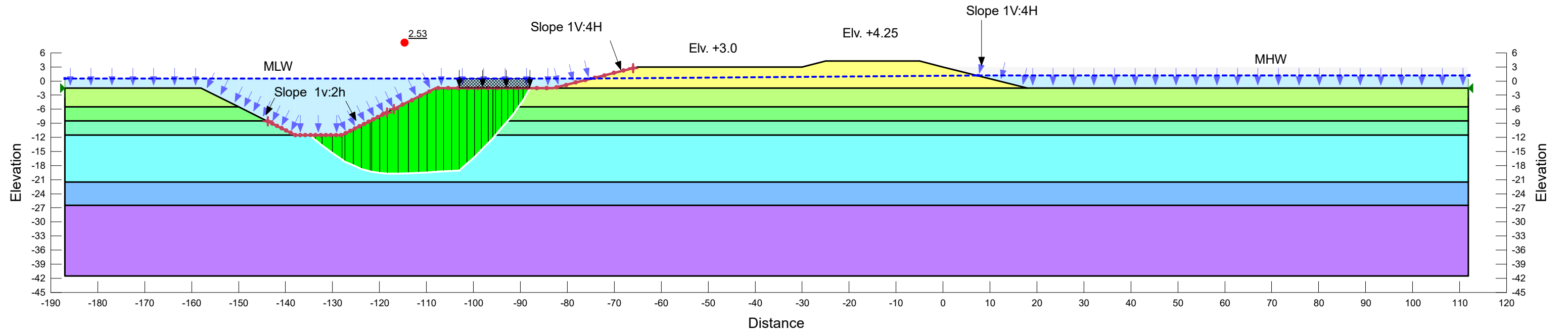
Case A-1



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	1st layer	Undrained (Phi=0)	65	80	1			
Green	2nd	Undrained (Phi=0)	90	180	1			
Light Green	3rd	Undrained (Phi=0)	100	230	1			
Cyan	4th	Undrained (Phi=0)	90	200	1			
Blue	5th	Undrained (Phi=0)	90	250	1			
Purple	6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80

MCA - 1(Lake Dike)

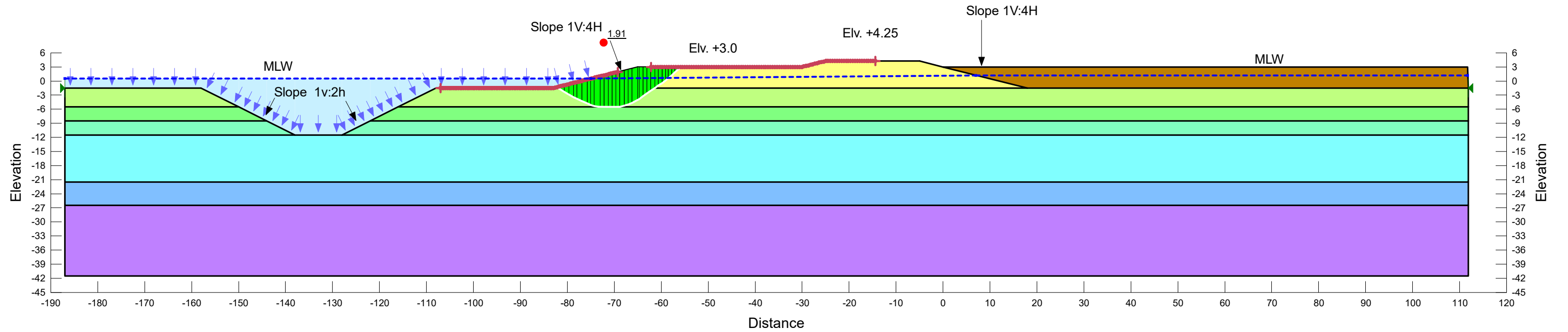
Case A-2



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	1st layer	Undrained (Phi=0)	65	80	1			
Medium Green	2nd	Undrained (Phi=0)	90	180	1			
Light Cyan	3rd	Undrained (Phi=0)	100	230	1			
Cyan	4th	Undrained (Phi=0)	90	200	1			
Blue	5th	Undrained (Phi=0)	90	250	1			
Purple	6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80

MCA - 1(Lake Dike)

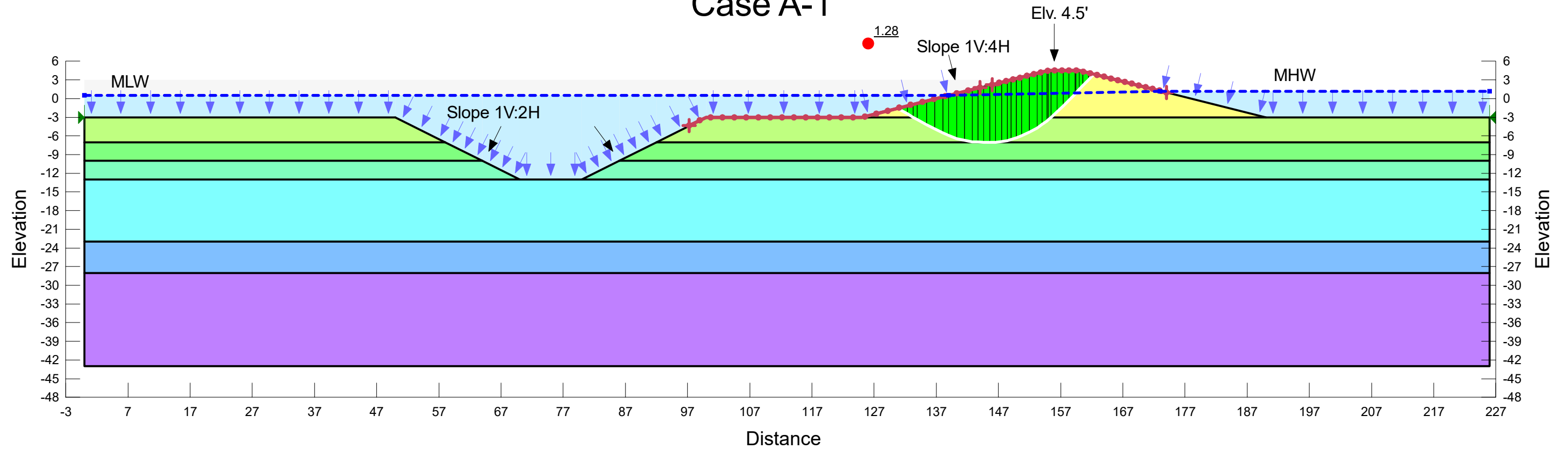
Case B



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	1st layer	Undrained (Phi=0)	65	80	1			
Green	2nd	Undrained (Phi=0)	90	180	1			
Cyan	3rd	Undrained (Phi=0)	100	230	1			
Light Blue	4th	Undrained (Phi=0)	90	200	1			
Blue	5th	Undrained (Phi=0)	90	250	1			
Purple	6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80
Brown	Marsh Fill	Undrained (Phi=0)	80	0	1			

MCA - 2 & 3 (ECD)

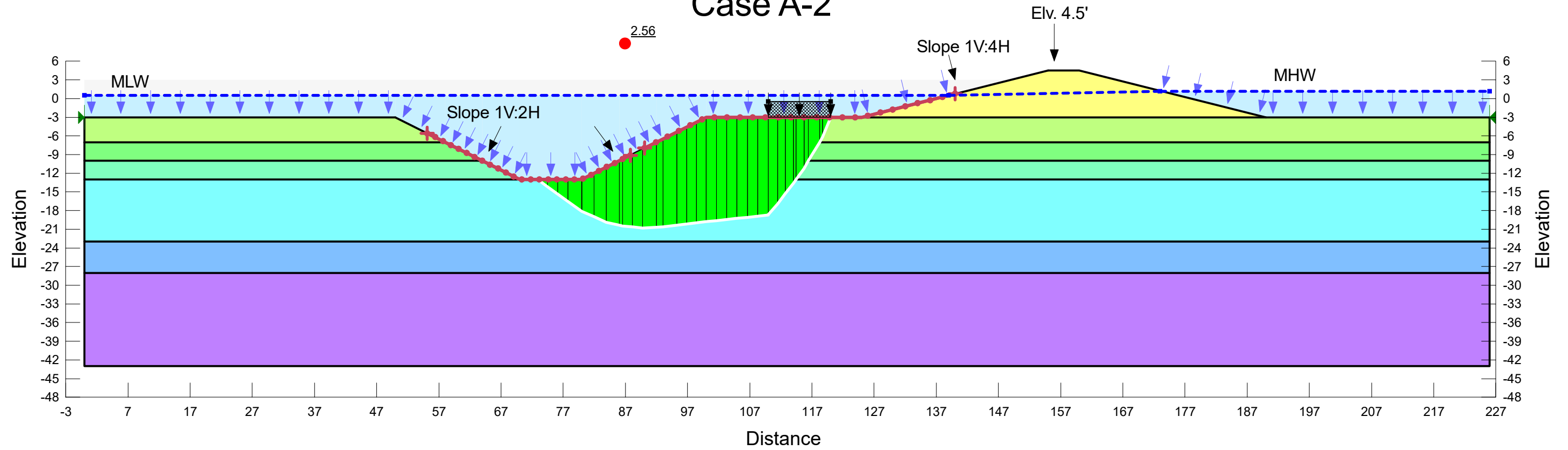
Case A-1



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
Light Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1			
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1			
Purple	CH/CL 6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1			

MCA - 2 & 3 (ECD)

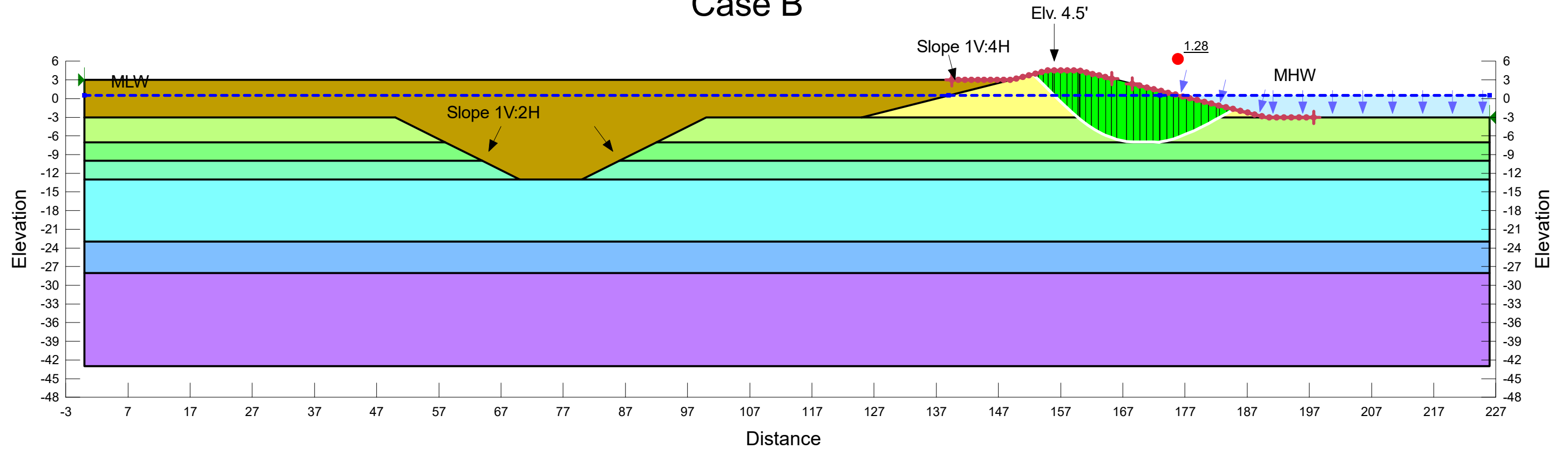
Case A-2



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
Light Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1			
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1			
Purple	CH/CL 6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1			

MCA - 2 & 3 (ECD)

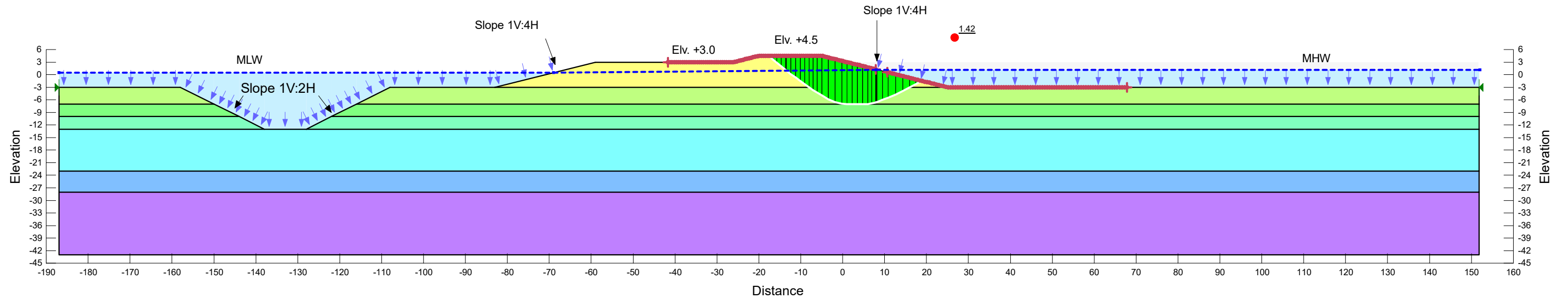
Case B



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
Light Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1			
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1			
Purple	CH/CL 6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80
Brown	marsh fill	Undrained (Phi=0)	95	0	1			
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1			

MCA - 2 & 3 (Lake Dike)

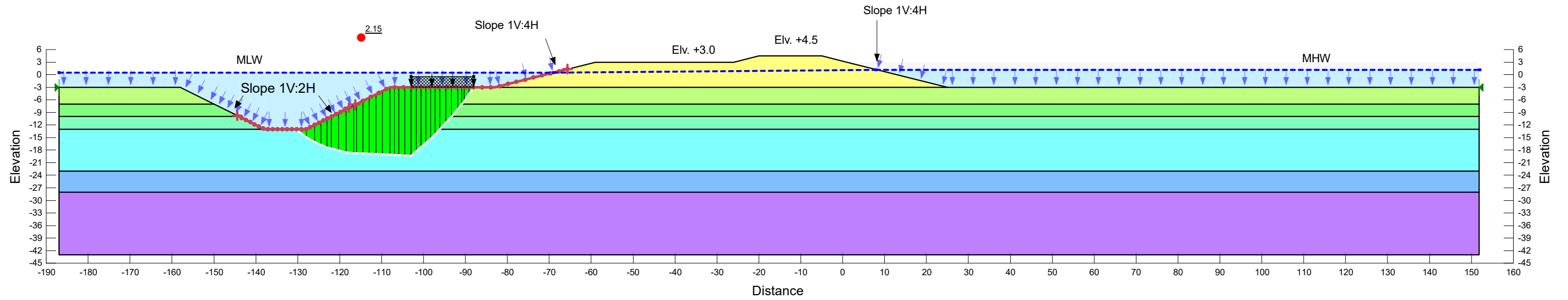
Case A-1



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
█	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
█	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
█	CH/CL 4th	Undrained (Phi=0)	90	200	1			
█	CH/CL 5th	Undrained (Phi=0)	90	250	1			
█	CH/CL 6th	Undrained (Phi=0)	100	350	1			
█	fill	S=f(depth)	80		1	50	4.4	80
█	PT/OH 1st	Undrained (Phi=0)	65	80	1			

MCA - 2 & 3 (Lake Dike)

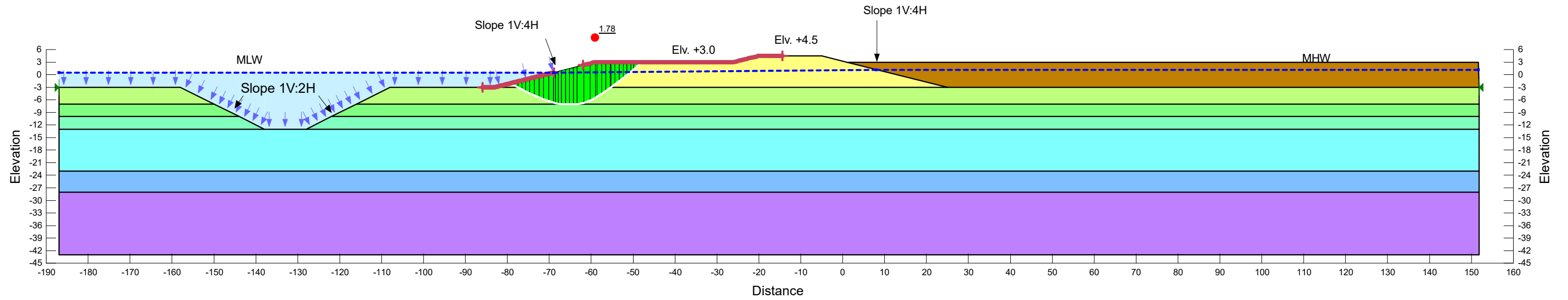
Case A-2



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1			
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1			
Purple	CH/CL 6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1			

MCA - 2 & 3 (Lake Dike)

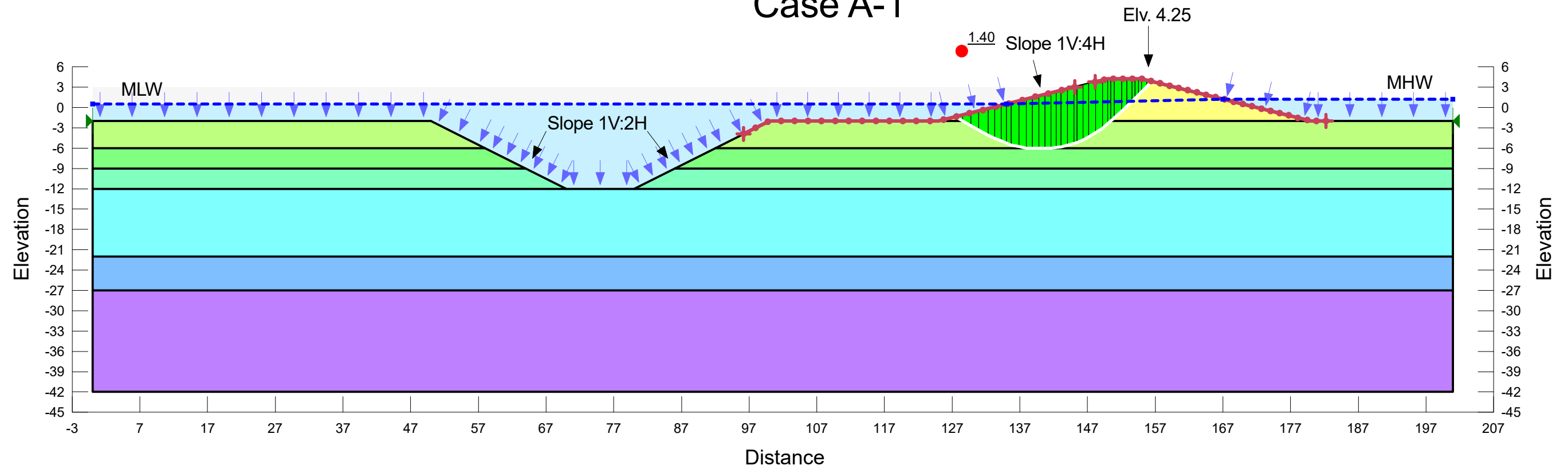
Case B



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
Medium Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1			
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1			
Purple	CH/CL 6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80
Brown	Marsh Fill	Undrained (Phi=0)	80	0	1			
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1			

MCA - 4(ECD)

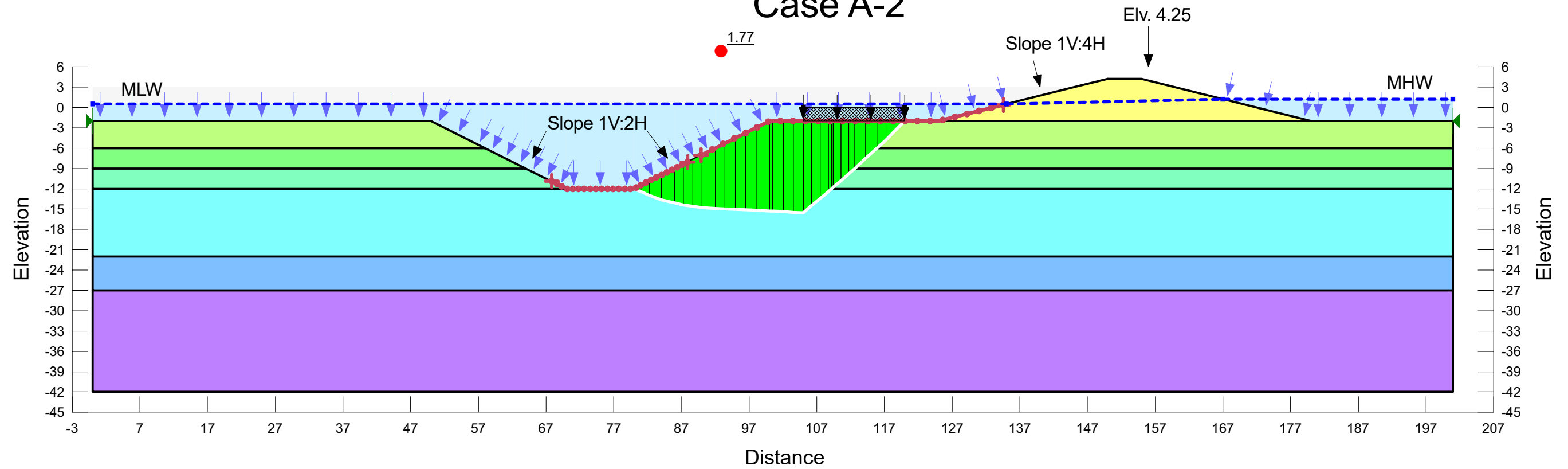
Case A-1



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1			
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1			
Purple	CH/CL 6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1			

MCA - 4(ECD)

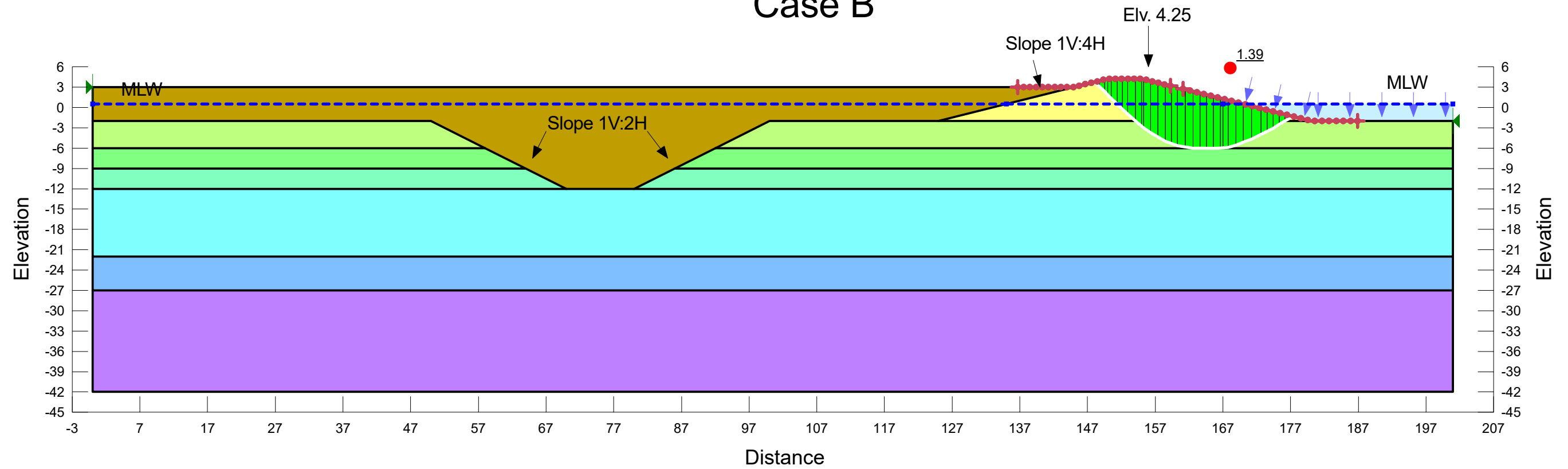
Case A-2



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
Light Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1			
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1			
Purple	CH/CL 6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1			

MCA - 4(ECD)

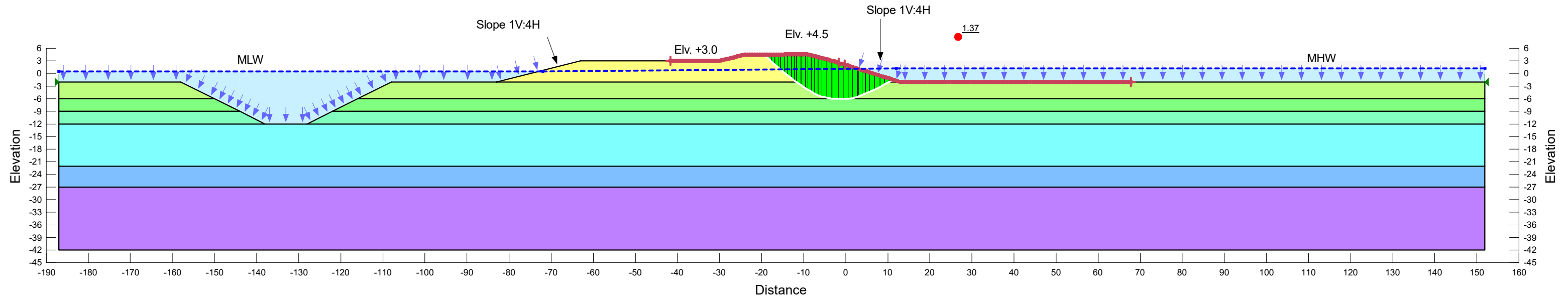
Case B



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
■	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
■	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
■	CH/CL 4th	Undrained (Phi=0)	90	200	1			
■	CH/CL 5th	Undrained (Phi=0)	90	250	1			
■	CH/CL 6th	Undrained (Phi=0)	100	350	1			
■	fill	S=f(depth)	80		1	50	4.4	80
■	marsh fill	Undrained (Phi=0)	95	0	1			
■	PT/OH 1st	Undrained (Phi=0)	65	80	1			

MCA - 4(Lake Dike)

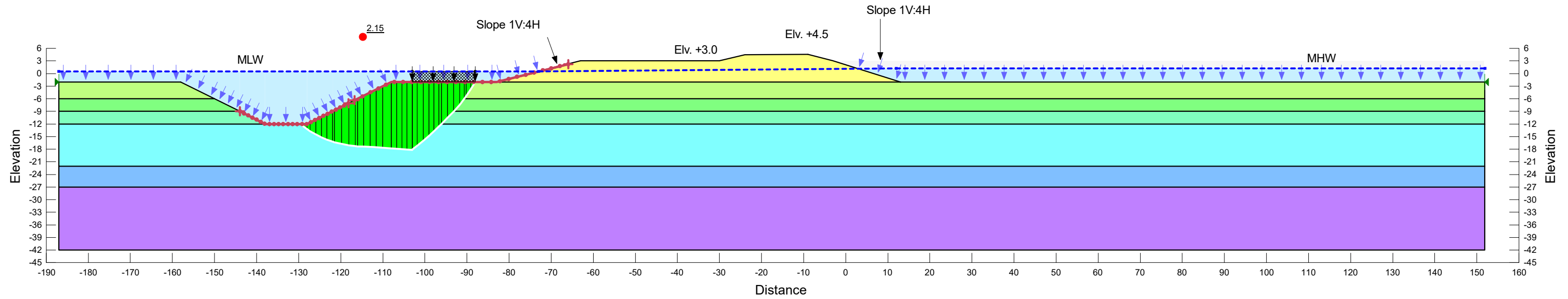
Case A-1



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	1st layer	Undrained (Phi=0)	65	80	1			
Medium Green	2nd	Undrained (Phi=0)	90	180	1			
Dark Green	3rd	Undrained (Phi=0)	100	230	1			
Cyan	4th	Undrained (Phi=0)	90	200	1			
Blue	5th	Undrained (Phi=0)	90	250	1			
Purple	6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80

MCA - 4(Lake Dike)

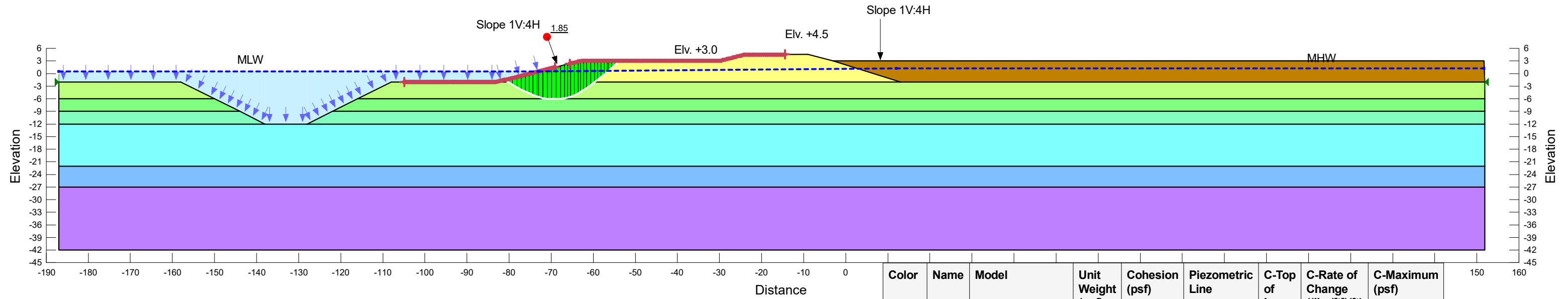
Case A-2



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	1st layer	Undrained (Phi=0)	65	80	1			
	2nd	Undrained (Phi=0)	90	180	1			
	3rd	Undrained (Phi=0)	100	230	1			
	4th	Undrained (Phi=0)	90	200	1			
	5th	Undrained (Phi=0)	90	250	1			
	6th	Undrained (Phi=0)	100	350	1			
	fill	S=f(depth)	80		1	50	4.4	80

MCA - 4(Lake Dike)

Case B

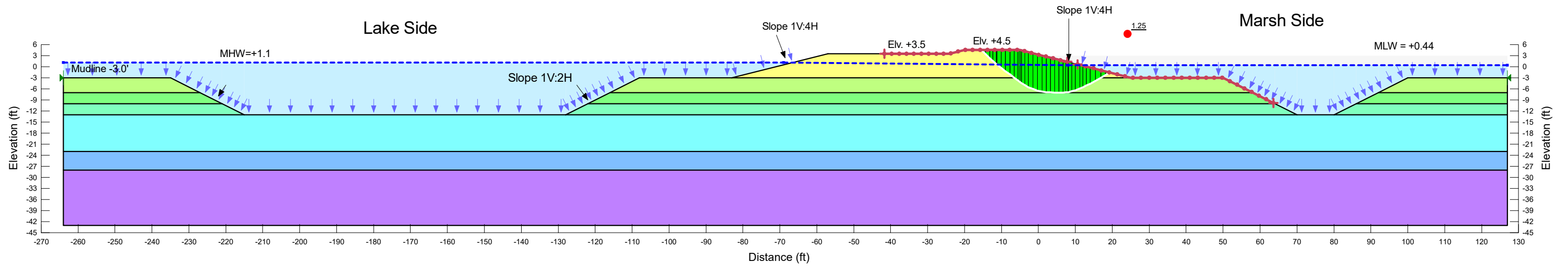


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	1st layer	Undrained (Phi=0)	65	80	1			
	2nd	Undrained (Phi=0)	90	180	1			
	3rd	Undrained (Phi=0)	100	230	1			
	4th	Undrained (Phi=0)	90	200	1			
	5th	Undrained (Phi=0)	90	250	1			
	6th	Undrained (Phi=0)	100	350	1			
	fill	S=f(depth)	80		1	50	4.4	80
	Marsh Fill	Undrained (Phi=0)	80	0	1			

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (representative of all MCAs)

Case A-1 (MHW on Lake Side)

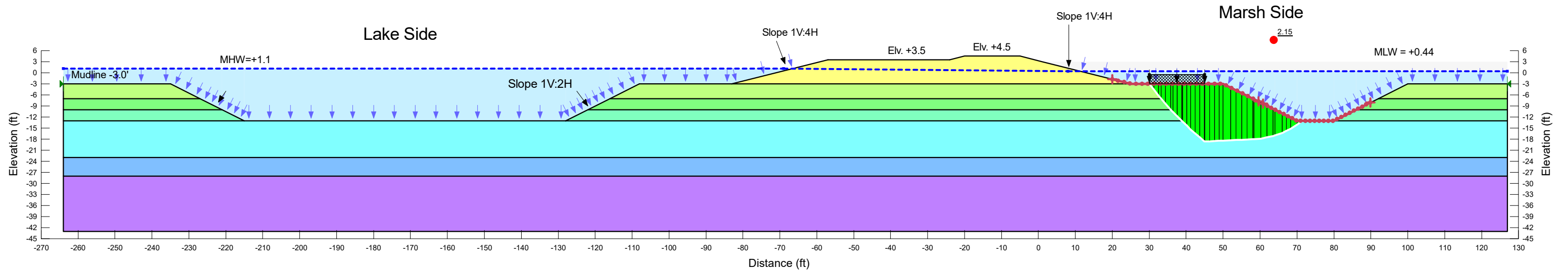


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
	CH/CL 4th	Undrained (Phi=0)	90	200	1			
	CH/CL 5th	Undrained (Phi=0)	90	250	1			
	CH/CL 6th	Undrained (Phi=0)	100	350	1			
	fill	S=f(depth)	80		1	50	4.4	80
	PT/OH 1st	Undrained (Phi=0)	65	80	1			

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (representative of all MCAs)

Case A-2 (MHW on Lake Side)

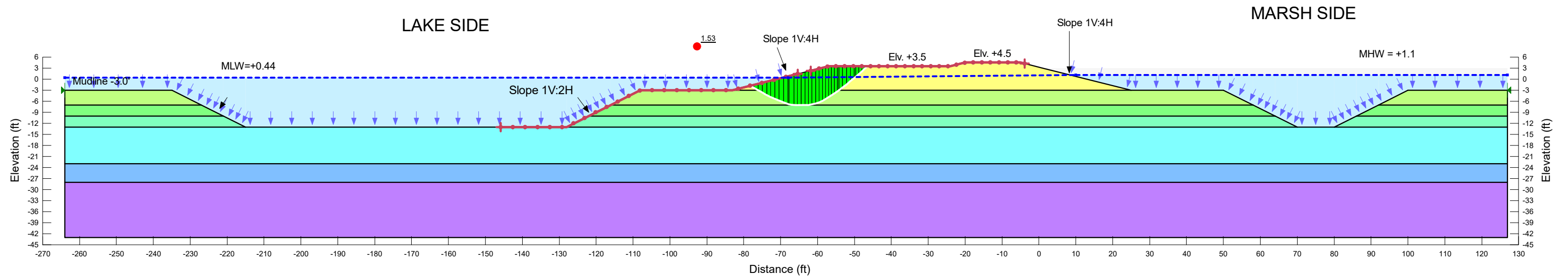


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
Light Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1			
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1			
Purple	CH/CL 6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1			

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (representative of all MCAs)

Case A-1 (MHW on Marsh Side)

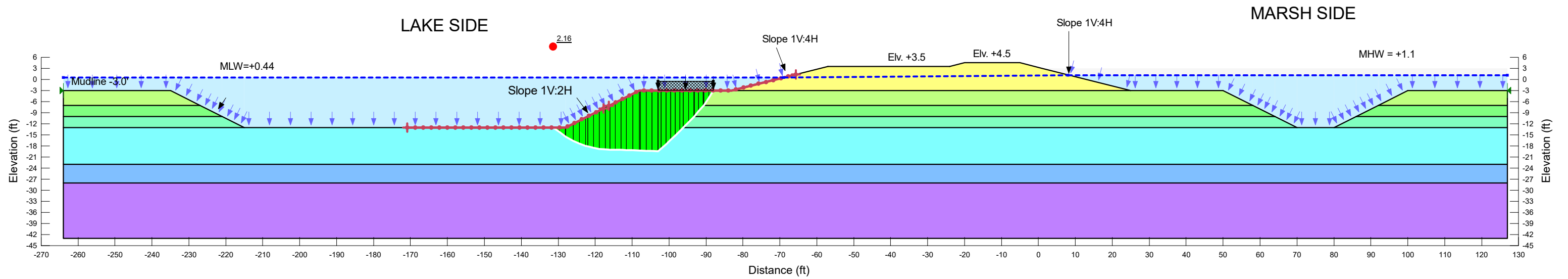


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
	CH/CL 4th	Undrained (Phi=0)	90	200	1			
	CH/CL 5th	Undrained (Phi=0)	90	250	1			
	CH/CL 6th	Undrained (Phi=0)	100	350	1			
	fill	S=f(depth)	80		1	50	4.4	80
	PT/OH 1st	Undrained (Phi=0)	65	80	1			

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (representative of all MCAs)

Case A-2 (MHW on Marsh Side)

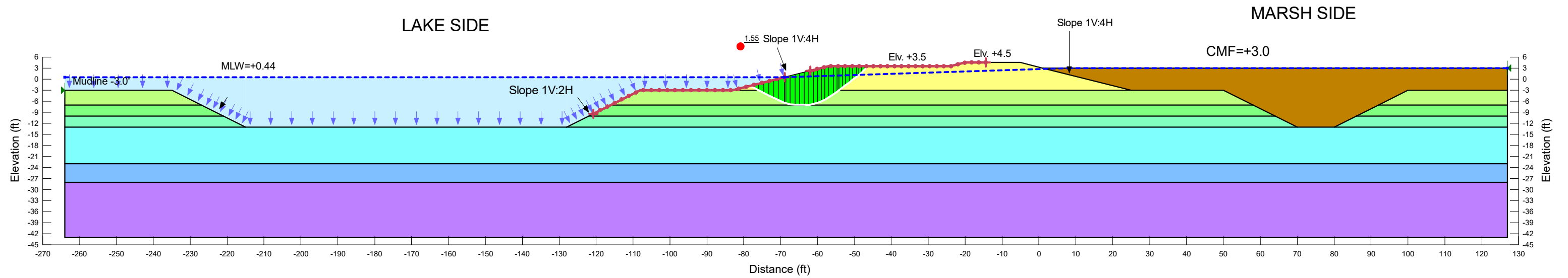


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
■	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
■	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
■	CH/CL 4th	Undrained (Phi=0)	90	200	1			
■	CH/CL 5th	Undrained (Phi=0)	90	250	1			
■	CH/CL 6th	Undrained (Phi=0)	100	350	1			
■	fill	S=f(depth)	80		1	50	4.4	80
■	PT/OH 1st	Undrained (Phi=0)	65	80	1			

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (representative of all MCAs)

Case B

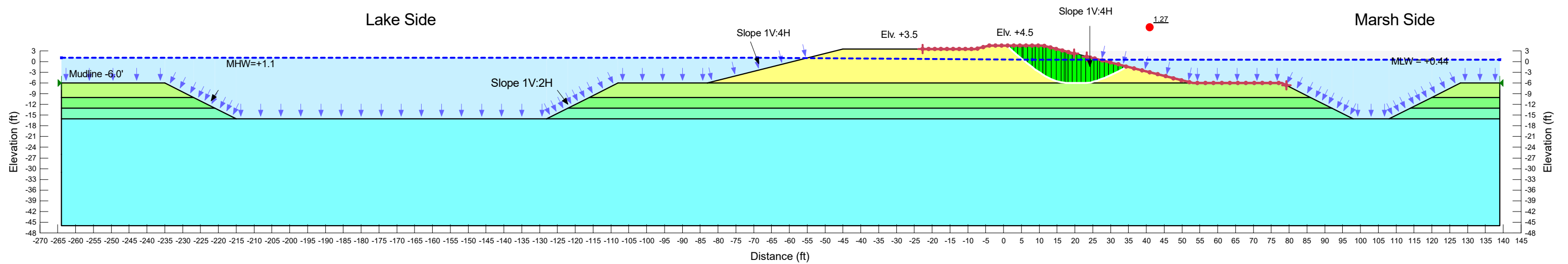


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
	CH/CL 4th	Undrained (Phi=0)	90	200	1			
	CH/CL 5th	Undrained (Phi=0)	90	250	1			
	CH/CL 6th	Undrained (Phi=0)	100	350	1			
	fill	S=f(depth)	80		1	50	4.4	80
	Marsh Fill	Undrained (Phi=0)	80	0	1			
	PT/OH 1st	Undrained (Phi=0)	65	80	1			

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (MCA 2 Mudline -6.0')

Case A-1 (MHW on Lake Side)

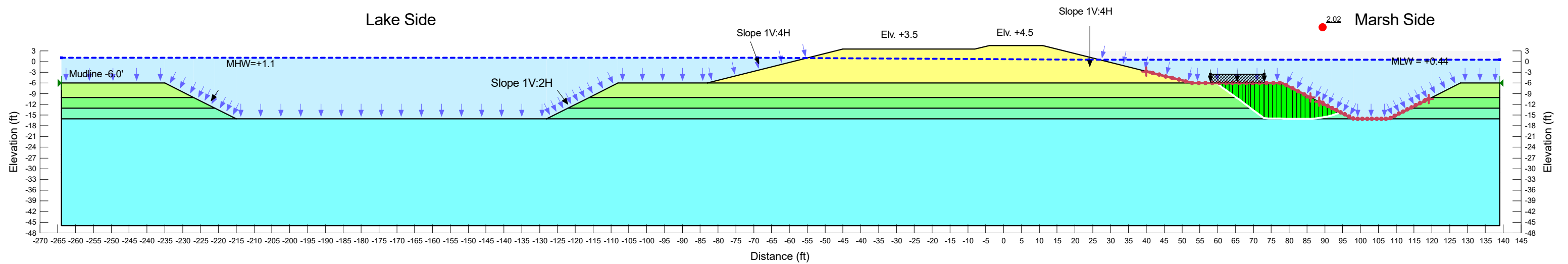


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	CH/CL 1st	Undrained (Phi=0)	90	130	1			
	CH/CL 2nd	Undrained (Phi=0)	90	200	1			
	CH/CL 3rd	Undrained (Phi=0)	100	200	1			
	CH/CL 4th	S=f(depth)	90		1	300	15	560
	fill	S=f(depth)	80		1	50	4.4	80

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (MCA 2 Mudline -6.0')

Case A-2 (MHW on Lake Side)

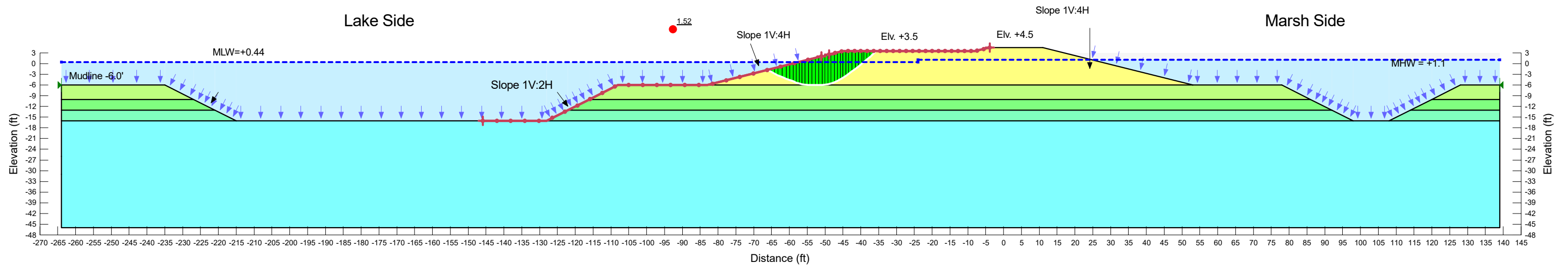


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	CH/CL 1st	Undrained (Phi=0)	90	130	1			
	CH/CL 2nd	Undrained (Phi=0)	90	200	1			
	CH/CL 3rd	Undrained (Phi=0)	100	200	1			
	CH/CL 4th	S=f(depth)	90		1	300	15	560
	fill	S=f(depth)	80		1	50	4.4	80

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (MCA 2 Mudline -6.0')

Case A-1 (MHW on Marsh Side)

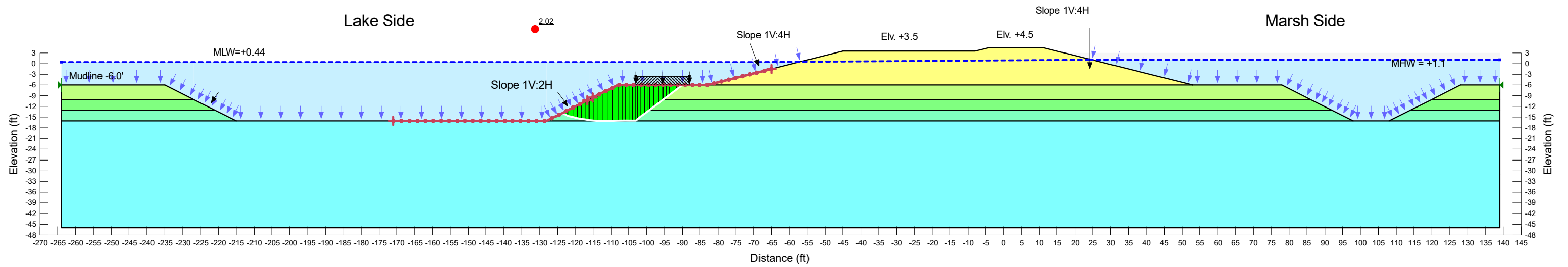


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	CH/CL 1st	Undrained (Phi=0)	90	130	1			
	CH/CL 2nd	Undrained (Phi=0)	90	200	1			
	CH/CL 3rd	Undrained (Phi=0)	100	200	1			
	CH/CL 4th	S=f(depth)	90		1	300	15	560
	fill	S=f(depth)	80		1	50	4.4	80

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (MCA 2 Mudline -6.0')

Case A-2 (MHW on Marsh Side)

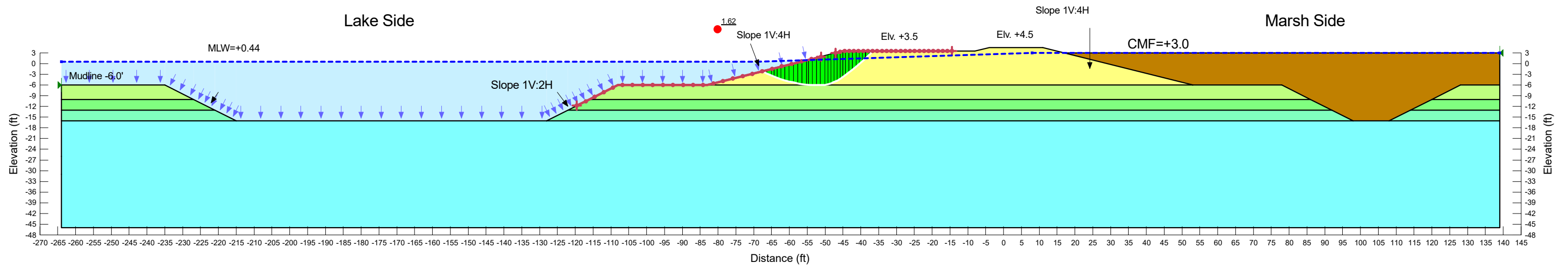


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	CH/CL 1st	Undrained (Phi=0)	90	130	1			
	CH/CL 2nd	Undrained (Phi=0)	90	200	1			
	CH/CL 3rd	Undrained (Phi=0)	100	200	1			
	CH/CL 4th	S=f(depth)	90		1	300	15	560
	fill	S=f(depth)	80		1	50	4.4	80

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (MCA 2 Mudline -6.0')

Case B

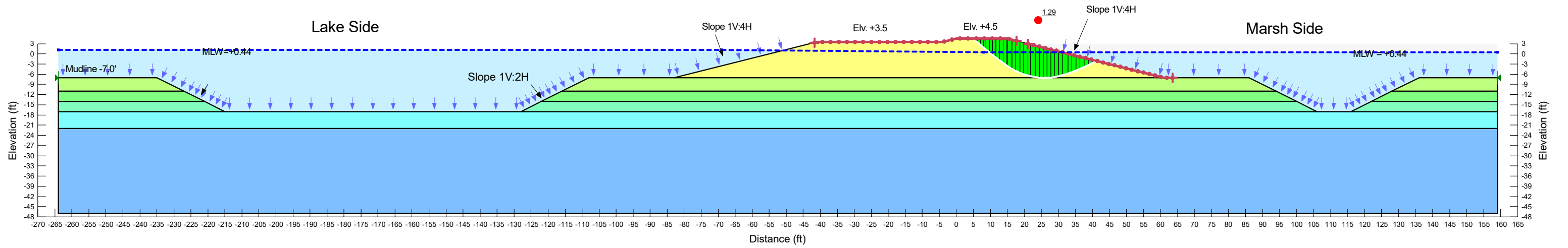


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ² /ft)	C-Maximum (psf)
	CH/CL 1st	Undrained (Phi=0)	90	130	1			
	CH/CL 2nd	Undrained (Phi=0)	90	200	1			
	CH/CL 3rd	Undrained (Phi=0)	100	200	1			
	CH/CL 4th	S=f(depth)	90		1	300	15	560
	fill	S=f(depth)	80		1	50	4.4	80
	Marsh Fill	Undrained (Phi=0)	80	0	1			

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (MCA 4 Mudline -7.0')

Case A-1 (MHW on Lake Side)

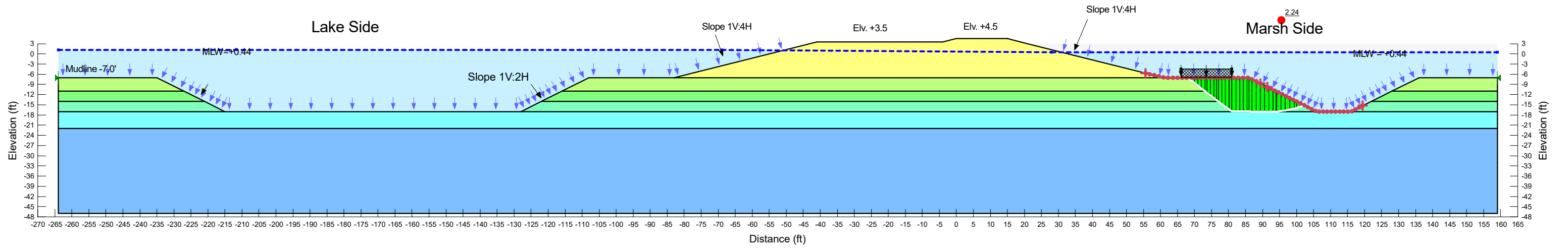


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	CH/CL 1st	Undrained (Phi=0)	90	210	1			
Green	CH/CL 2nd	Undrained (Phi=0)	90	210	1			
Light Cyan	CH/CL 3rd	Undrained (Phi=0)	100	210	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	270	1			
Blue	CH/CL 5th	S=f(depth)	90		1	270	14	550
Yellow	fill	S=f(depth)	80		1	50	4.4	100

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (MCA 4 Mudline -7.0')

Case A-2 (MHW on Lake Side)

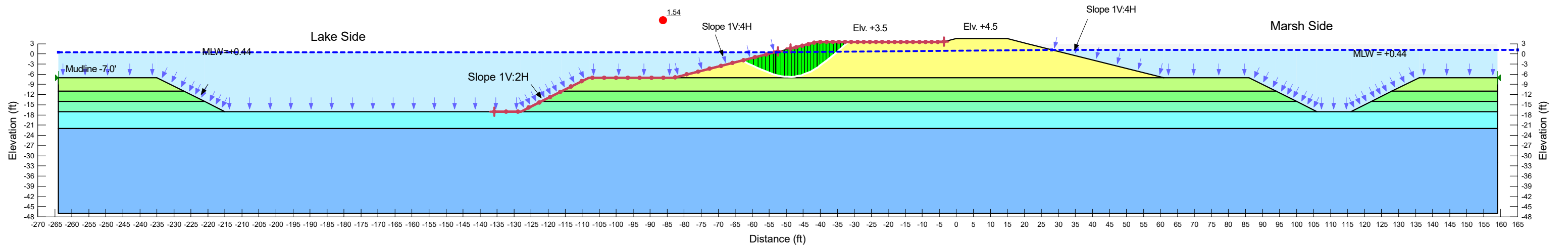


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	CH/CL 1st	Undrained (Phi=0)	90	210	1			
	CH/CL 2nd	Undrained (Phi=0)	90	210	1			
	CH/CL 3rd	Undrained (Phi=0)	100	210	1			
	CH/CL 4th	Undrained (Phi=0)	90	270	1			
	CH/CL 5th	S=f(depth)	90		1	270	14	550
	fill	S=f(depth)	80		1	50	4.4	100

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (MCA 4 Mudline -7.0')

Case A-1 (MHW on Marsh Side)

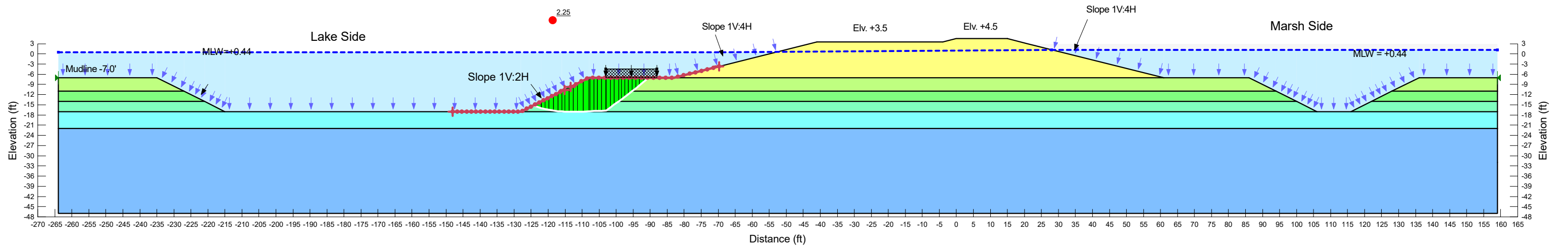


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	CH/CL 1st	Undrained (Phi=0)	90	210	1			
Light Green	CH/CL 2nd	Undrained (Phi=0)	90	210	1			
Light Green	CH/CL 3rd	Undrained (Phi=0)	100	210	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	270	1			
Blue	CH/CL 5th	S=f(depth)	90		1	270	14	550
Yellow	fill	S=f(depth)	80		1	50	4.4	100

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (MCA 4 Mudline -7.0')

Case A-2 (MHW on Marsh Side)

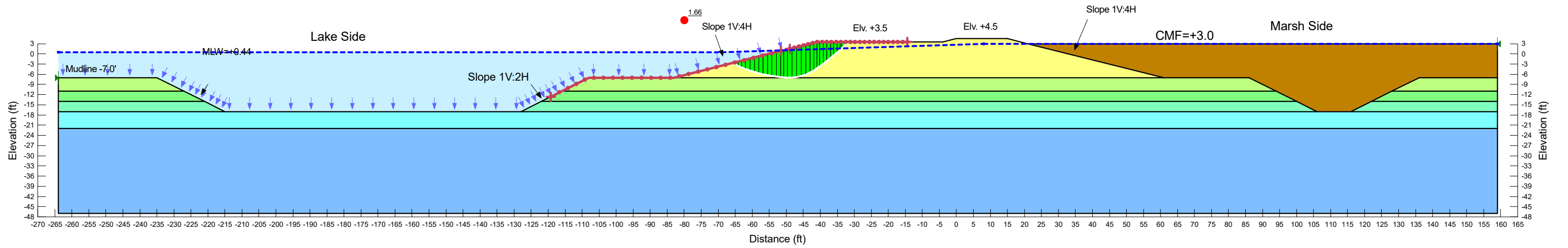


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	CH/CL 1st	Undrained (Phi=0)	90	210	1			
	CH/CL 2nd	Undrained (Phi=0)	90	210	1			
	CH/CL 3rd	Undrained (Phi=0)	100	210	1			
	CH/CL 4th	Undrained (Phi=0)	90	270	1			
	CH/CL 5th	S=f(depth)	90		1	270	14	550
	fill	S=f(depth)	80		1	50	4.4	100

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (MCA 4 Mudline -7.0')

Case B



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	CH/CL 1st	Undrained (Phi=0)	90	210	1			
Medium Green	CH/CL 2nd	Undrained (Phi=0)	90	210	1			
Dark Green	CH/CL 3rd	Undrained (Phi=0)	100	210	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	270	1			
Blue	CH/CL 5th	S=f(depth)	90		1	270	14	550
Yellow	fill	S=f(depth)	80		1	50	4.4	100
Brown	Marsh Fill	Undrained (Phi=0)	80	0	1			

DETERMINATION OF COEFF. OF PERMEABILITY (K) FOR TOP LAYER (PEAT)

PRESSURE (PSF)	VOID RATIO	k
0.0	11.400	0
100.0	10.700	0
250.0	8.810	6.81E-03
500.0	6.790	3.29E-04
1000.0	5.820	3.88E-04
2000.0	4.490	2.82E-04

Sample ID	Water Content (%)	Specific Gravity, Gs	Liquid Limit (%)	Plastic Limit (%)	Cc
0-2	879	1.21	980	687	4.6
2-4	756		873	558	
AVG.	817.50	1.21	927	623	4.600

Secondary Compression Index, C_α

Equation 1 C_α = 0.00168 + 0.000333(PI) - Nakase et. al (1988)

C_α = 0.103
C_α = 0.082

C_α = 0.092

Recompression Compression Index, C_r

Equation 3 C_r = 0.000463(LL)(SG) - Nagaraj and Murthy (1985)

C_r = 0.519

C_r/C_c = 0.113

C_α/C_c = 0.020

DETERMINATION OF COEFF. OF PERMEABILITY (K) FOR SECOND LAYER

PRESSURE (PSF)	VOID RATIO	k
0.0	3.080	0
100.0	3.000	1.51E-04
250.0	2.830	1.22E-03
500.0	2.470	1.97E-04
1000.0	2.100	1.40E-04
2000.0	1.710	7.90E-05

Sample ID	Water Content (%)	Specific Gravity, Gs	Liquid Limit (%)	Plastic Limit (%)	Cc
4-6	43	2.5	57	24	0.94
6-8	38		31	26	
8-10	49		42	23	
10-12	66		43	21	
12-14	54		46	22	
AVG.	50.00	2.50	44	23	0.940

Secondary Compression Index, C_α

Equation 1 C_α = 0.00168 + 0.000333(PI) - Nakase et. al (1988)

C_α = 0.009
C_α = 0.005

C_α = 0.007

Recompression Compression Index, C_r

Equation 3 C_r = 0.000463(LL)(SG) - Nagaraj and Murthy (1985)

C_r = 0.051

C_r/C_c = 0.054

C_α/C_c = 0.007

DETERMINATION OF COEFF. OF PERMEABILITY (K) LAYER 3

PRESSURE (PSF)	VOID RATIO	k
0.0	1.910	0
100.0	1.900	3.39E-04
250.0	1.890	4.43E-04
500.0	1.820	2.04E-04
1000.0	1.730	2.09E-04
2000.0	1.330	1.15E-04

Sample ID	Water Content (%)	Specific Gravity, Gs	Liquid Limit (%)	Plastic Limit (%)	Cc
14-16	85		66	25	
16-18	97		115	33	
18-20	94	2.63	89	24	0.41
23-25	111		165	30	
28-30	32		38	22	
AVG.	83.80	2.63	95	27	0.410

Secondary Compression Index, C_α

Equation 1 C_α = 0.00168 + 0.000333(PI) - Nakase et. al (1988)

C_α = 0.024
C_α = 0.008

C_α = 0.016

Recompression Compression Index, C_r

Equation 3 C_r = 0.000463(LL)(SG) - Nagaraj and Murthy (1985)

C_r = 0.115

C_r/C_c = 0.281

C_α/C_c = 0.040

DETERMINATION OF COEFF. OF PERMEABILITY (K) FOR TOP LAYER (PEAT)

PRESSURE (PSF)	VOID RATIO	k
0.0	13.900	
100.0	12.500	6.55E-03
250.0	10.200	2.99E-03
500.0	7.740	2.88E-04
1000.0	6.610	1.23E-04
2000.0	5.160	5.45E-05

Sample ID	Water Content (%)	Specific Gravity, Gs	Liquid Limit (%)	Plastic Limit (%)	Cc
0-2	621	1.84	621	159	5.76
AVG.	621.00	1.84	621	159	5.760

Secondary Compression Index, C_α

Equation 1 C_α = 0.00168 + 0.000333(PI) - Nakase et. al (1988)

C_α = 0.156
C_α = 0.062

C_α = 0.109

Recompression Compression Index, C_r

Equation 3 C_r = 0.000463(LL)(SG) - Nagaraj and Murthy (1985)

C_r = 0.529

C_r/C_c = 0.092

C_α/C_c = 0.019

DETERMINATION OF COEFF. OF PERMEABILITY (K) FOR SECOND LAYER

PRESSURE (PSF)	VOID RATIO	k
0.0	1.780	
100.0	1.770	2.98E-04
250.0	1.750	5.70E-04
500.0	1.680	9.04E-05
1000.0	1.550	1.61E-04
2000.0	1.280	1.03E-04

Sample ID	Water Content (%)	Specific Gravity, Gs	Liquid Limit (%)	Plastic Limit (%)	Cc
2-4	99		73	22	
4-6	46		31	25	
6-8	34		30	24	
8-10	47		80	20	
10-12	50	2.62	53	24	0.35
12-14	99		77	19	
AVG.	62.50	2.62	57	22	0.350

Secondary Compression Index, C_α

Equation 1 C_α = 0.00168 + 0.000333(PI) - Nakase et. al (1988)

C_α = 0.013
C_α = 0.006

C_α = 0.010

Recompression Compression Index, C_r

Equation 3 C_r = 0.000463(LL)(SG) - Nagaraj and Murthy (1985)

C_r = 0.070

C_r/C_c = 0.199

C_α/C_c = 0.028

DETERMINATION OF COEFF. OF PERMEABILITY (K) LAYER 3

PRESSURE (PSF)	VOID RATIO	k
0.0	1.800	
100.0	1.740	1.74E-04
250.0	1.710	1.06E-04
500.0	1.600	1.15E-04
1000.0	1.500	4.02E-04
2000.0	1.280	1.75E-04

Sample ID	Water Content (%)	Specific Gravity, Gs	Liquid Limit (%)	Plastic Limit (%)	Cc
14-16	105		46	22	
16-18	92	2.58	66	25	0.15
18-20	86		115	33	
23-25	56		89	24	
28-30	46		165	30	
AVG.	77.00	2.58	96	27	0.150

Secondary Compression Index, C_α

Equation 1 C_α = 0.00168 + 0.000333(PI) - Nakase et. al (1988)

C_α = 0.025
C_α = 0.008

C_α = 0.016

Recompression Compression Index, C_r

Equation 3 C_r = 0.000463(LL)(SG) - Nagaraj and Murthy (1985)

C_r = 0.115

C_r/C_c = 0.766

C_α/C_c = 0.108

DETERMINATION OF COEFF. OF PERMEABILITY (K) FOR TOP LAYER (PEAT)

PRESSURE (PSF)	VOID RATIO	k
0.0	13.900	
100.0	12.500	6.55E-03
250.0	10.200	2.99E-03
500.0	7.740	2.88E-04
1000.0	6.610	1.23E-04
2000.0	5.160	5.45E-05

Sample ID	Water Content (%)	Specific Gravity, Gs	Liquid Limit (%)	Plastic Limit (%)	Cc
0-2	476	1.84	621	159	5.76
AVG.	476.00	1.84	621	159	5.760

Secondary Compression Index, C_α

Equation 1 C_α = 0.00168 + 0.000333(PI) - Nakase et. al (1988)

C_α = 0.156
C_α = 0.048

C_α = 0.102

Recompression Compression Index, Cr

Equation 3 Cr = 0.000463(LL)(SG) - Nagaraj and Murthy (1985)

Cr = 0.529

Cr/Cc = 0.092

C_α/C_c = 0.018

DETERMINATION OF COEFF. OF PERMEABILITY (K) FOR SECOND LAYER

PRESSURE (PSF)	VOID RATIO	k
0.0	1.780	
100.0	1.770	2.98E-04
250.0	1.750	5.70E-04
500.0	1.680	9.04E-05
1000.0	1.550	1.61E-04
2000.0	1.280	1.03E-04

Sample ID	Water Content (%)	Specific Gravity, Gs	Liquid Limit (%)	Plastic Limit (%)	Cc
2-4	53		73	22	
4-6	33		31	25	
6-8	29		30	24	
8-10	40		80	20	
10-12	90	2.62	53	24	0.35
12-14	67		77	19	
AVG.	52.00	2.62	57	22	0.350

Secondary Compression Index, C_α

Equation 1 C_α = 0.00168 + 0.000333(PI) - Nakase et. al (1988)

C_α = 0.013
C_α = 0.005

C_α = 0.009

Recompression Compression Index, Cr

Equation 3 Cr = 0.000463(LL)(SG) - Nagaraj and Murthy (1985)

Cr = 0.070

Cr/Cc = 0.199

C_α/C_c = 0.026

DETERMINATION OF COEFF. OF PERMEABILITY (K) LAYER 3

PRESSURE (PSF)	VOID RATIO	k
0.0	1.800	
100.0	1.740	1.74E-04
250.0	1.710	1.06E-04
500.0	1.600	1.15E-04
1000.0	1.500	4.02E-04
2000.0	1.280	1.75E-04

Sample ID	Water Content (%)	Specific Gravity, Gs	Liquid Limit (%)	Plastic Limit (%)	Cc
14-16	85		46	22	
16-18	32	2.58	66	25	0.15
18-20	50		115	33	
23-25	40		89	24	
28-30	24		165	30	
AVG.	46.20	2.58	96	27	0.150

Secondary Compression Index, C_α

Equation 1 C_α = 0.00168 + 0.000333(PI) - Nakase et. al (1988)

C_α = 0.025
C_α = 0.005

C_α = 0.015

Recompression Compression Index, Cr

Equation 3 Cr = 0.000463(LL)(SG) - Nagaraj and Murthy (1985)

Cr = 0.115

Cr/Cc = 0.766

C_α/C_c = 0.098

DETERMINATION OF COEFF. OF PERMEABILITY (K) FOR TOP LAYER (PEAT)

PRESSURE (PSF)	VOID RATIO	k
0.0	13.900	
100.0	12.500	6.55E-03
250.0	10.200	2.99E-03
500.0	7.740	2.88E-04
1000.0	6.610	1.23E-04
2000.0	5.160	5.45E-05

Sample ID	Water Content (%)	Specific Gravity, Gs	Liquid Limit (%)	Plastic Limit (%)	Cc
0-2	692	1.84	574	189	5.76
AVG.	692.00	1.84	574	189	5.760

Secondary Compression Index, C α

Equation 1 C α = 0.00168 + 0.000333(PI) - Nakase et. al (1988)
Equation 2 C α = 0.0001(MC) - NAVFAC DM-7.1 pg. 7.1-237

C α = 0.130
C α = 0.069

C α = 0.100

Recompression Compression Index, Cr

Equation 3 Cr = 0.000463(LL)(SG) - Nagaraj and Murthy (1985)

Cr = 0.489

Cr/Cc = 0.085
C α /Cc = 0.017

DETERMINATION OF COEFF. OF PERMEABILITY (K) FOR TOP LAYER

PRESSURE (PSF)	VOID RATIO	k
0.0	2.210	
100.0	2.050	1.07E-03
250.0	1.890	5.75E-04
500.0	1.600	2.12E-04
1000.0	1.390	1.32E-04
2000.0	1.130	6.81E-05

Sample ID	Water Content (%)	Specific Gravity, Gs	Liquid Limit (%)	Plastic Limit (%)	Cc
2-4	44	2.56	40	18	0.77
4-6	41.5		39	21	
6-8	44.5		37.5	20	
8-10	46.5		33.5	20	
10-12	48		53.5	21	
AVG.	44.90	2.56	41	20	0.770

Secondary Compression Index, C α

Equation 1 C α = 0.00168 + 0.000333(PI) - Nakase et. al (1988)
Equation 2 C α = 0.0001(MC) - NAVFAC DM-7.1 pg. 7.1-237

C α = 0.009
C α = 0.004

C α = 0.007

Recompression Compression Index, Cr

Equation 3 Cr = 0.000463(LL)(SG) - Nagaraj and Murthy (1985)

Cr = 0.048

Cr/Cc = 0.063
C α /Cc = 0.008

DETERMINATION OF COEFF. OF PERMEABILITY (K) FOR SECOND LAYER

PRESSURE (PSF)	VOID RATIO	k
0.0	1.630	
100.0	1.600	2.57E-04
250.0	1.580	2.67E-04
500.0	1.530	6.67E-05
1000.0	1.470	1.43E-04
2000.0	1.280	6.59E-05

Sample ID	Water Content (%)	Specific Gravity, Gs	Liquid Limit (%)	Plastic Limit (%)	Cc
12-14	101.5		99.5	23	
14-16	101.5		123.5	33	
16-18	85	2.57	114.5	32	0.24
18-20	44		57	23	
AVG.	83.00	2.57	99	28	0.240

Secondary Compression Index, C α

Equation 1 C α = 0.00168 + 0.000333(PI) - Nakase et. al (1988)
Equation 2 C α = 0.0001(MC) - NAVFAC DM-7.1 pg. 7.1-237

C α = 0.025
C α = 0.008

C α = 0.017

Recompression Compression Index, Cr

Equation 3 Cr = 0.000463(LL)(SG) - Nagaraj and Murthy (1985)

Cr = 0.117

Cr/Cc = 0.489
C α /Cc = 0.070

DETERMINATION OF COEFF. OF PERMEABILITY (K) LAYER 3

PRESSURE (PSF)	VOID RATIO	k
0.0	0.915	
100.0	0.898	1.36E-04
250.0	0.884	3.65E-04
500.0	0.859	6.44E-05
1000.0	0.819	1.78E-04
2000.0	0.740	1.05E-04

Sample ID	Water Content (%)	Specific Gravity, Gs	Liquid Limit (%)	Plastic Limit (%)	Cc
20-22	45.5	2.48	88	26	0.17
23-25	31		42	21	
28-30	26				
AVG.	34.17	2.48	65	24	0.170

Secondary Compression Index, C α

Equation 1 C α = 0.00168 + 0.000333(PI) - Nakase et. al (1988)
Equation 2 C α = 0.0001(MC) - NAVFAC DM-7.1 pg. 7.1-237

C α = 0.015
C α = 0.003

C α = 0.009

Recompression Compression Index, Cr

Equation 3 Cr = 0.000463(LL)(SG) - Nagaraj and Murthy (1985)

Cr = 0.075

Cr/Cc = 0.439
C α /Cc = 0.056

DETERMINATION OF COEFF. OF PERMEABILITY (K) FOR TOP LAYER (PEAT)

PRESSURE (PSF)	VOID RATIO	k
0	4.950	
5.0	4.790	2.02E-05
10.0	4.740	1.95E-06
25.0	1.740	1.38E-06
50.0	1.620	6.04E-07
100.0	1.380	4.01E-07
200.0	1.170	5.07E-07
400.0	0.980	3.14E-07

Sample ID	Water Content (%)	Specific Gravity, Gs	Liquid Limit (%)	Plastic Limit (%)	Cc
0-2	247.9	2.575	81	27	2
AVG.	247.90	2.58	81	27	2.000

Secondary Compression Index, C_α

Equation 1	C _α = 0.00168 + 0.000333(PI) - Nakase et. al (1988)	C _α = 0.020	C_α = 0.022
Equation 2	C _α = 0.0001(MC) - NAVFAC DM-7.1 pg. 7.1-237	C _α = 0.025	
Recompression Compression Index, Cr			
Equation 3	Cr = 0.000463(LL)(SG) - Nagaraj and Murthy (1985)	Cr = 0.097	Cr/Cc = 0.048
			C_α/C_c = 0.011
e_{slc}	4.024	e_{dli}	2.060
		h_{crust}	= 0.80
		S_{dl}	= 40.5

Saturation Limit, e_{sl}

Equation 4 $e_{sl} = 0.056(PI) + 1.0$ (PSDDF Manual pg. 33)

Dessication Limit, e_{dl}

Equation 5 $e_{dl} = 0.01(PI) + 1.52$ (PSDDF Manual pg. 33)

Crust Thickness, H_{crust}

Equation 6 $H_{crust} = 0.0015(PI) + 0.72$ (PSDDF Manual pg. 33)

Saturation at Dessication Limit, S_{dl}

Equation 7 $S_{dl} = 1.2(Gs)(PL)/e_{dl}$ (PSDDF Manual pg. 33)

 Consolidation and desiccation of soft layers---dredged fill

Problem Breton MCA 1- 3.75' FILL

*****Soil data for compressible foundation*****

Material Type	Layer Thickness	Numbers of Sub-layers	Ca/Cc	Cr/Cc	OCR
3	16.00	10	0.040	0.281	1.000
2	10.00	10	0.007	0.054	1.000
1	4.00	10	0.020	0.113	1.000

Material type : 3

Specific Gravity of Solids: 2.63

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	1.910	0.000E	0.339E-03	0.116E-03	-0.402E-04	-0.100E0.116E	
2	1.900	0.100E	0.339E-03	0.117E-03	-0.184E-02	-0.125E0.146E	
3	1.890	0.250E	0.443E-03	0.153E-03	0.557E-03	-0.500E0.766E	
4	1.820	0.500E	0.204E-03	0.723E-04	0.480E-03	-0.469E0.339E	
5	1.730	0.100E	0.209E-03	0.766E-04	0.469E-04	-0.306E0.234E	
6	1.330	0.200E	0.115E-03	0.494E-04	0.680E-04	-0.250E0.123E	

Material type : 2

Specific Gravity of Solids: 2.50

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	3.080	0.000E	0.151E-03	0.370E-04	-0.925E-05	-0.125E0.463E-01	
2	3.000	0.100E	0.151E-03	0.378E-04	-0.113E-02	-0.100E0.378E-01	
3	2.830	0.250E	0.122E-02	0.319E-03	-0.359E-04	-0.755E0.240E	
4	2.470	0.500E	0.197E-03	0.568E-04	0.374E-03	-0.103E0.583E-01	

5 2.100 0.100E 0.140E-03 0.452E-04 0.363E-04-0.197E0.891E-01
 6 1.710 0.200E 0.790E-04 0.292E-04 0.411E-04-0.256E0.747E-01

Material type : 1

Specific Gravity of Solids: 1.21

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	19.710	0.000E	0.100E	0.483E-01	0.529E-02	0.111E0.536E	
2	10.700	0.100E	0.681E-02	0.582E-03	0.437E-02	0.229E0.133E-01	
3	8.810	0.250E	0.681E-02	0.694E-03	0.408E-04	0.102E0.710E-01	
4	6.790	0.500E	0.329E-02	0.422E-03	0.419E-04	0.251E0.106E	
5	5.820	0.100E	0.388E-02	0.569E-03	0.397E-04	0.652E0.371E	
6	4.490	0.200E	0.282E-02	0.514E-03	0.415E-04	0.752E0.386E	

*****Soil data for dredged fill*****

Material Saturation Type	Specific Gravity	Ca/Cc	Cr/Cc	Saturation Limit	Disiccation Limit	Max. Crust Depth	Crust at DL
4	2.711	0.011	0.048	4.041	2.154	0.321	0.420

Material type : 4

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	9.110	0.000E	0.100E	0.989E-01	0.217E-01	0.116E0.114E	
2	4.790	0.500E	0.292E-01	0.504E-02	0.225E-01	0.229E0.115E-01	
3	4.740	0.100E	0.300E-02	0.523E-03	0.142E-02	0.656E0.343E-02	
4	1.740	0.250E	0.198E-02	0.723E-03	0.611E-04	0.128E0.926E-02	
5	1.620	0.500E	0.870E-03	0.332E-03	0.133E-02	0.208E0.692E-01	
6	1.380	0.100E	0.577E-03	0.242E-03	0.965E-05	0.333E0.808E-01	
7	1.170	0.200E	0.730E-03	0.336E-03	0.366E-04	0.750E0.252E	
8	0.980	0.400E	0.451E-03	0.228E-03	0.572E-03	0.105E0.240E	

Summary of lifts and print detail

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Time	Material	Fill	# Sub-	Void	Start	Dessic.	Print
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days	Type	Height	layers	ratio	Day	Month	detail
0.	4	1.0	10	9.11	30.	4	1
15.	4	1.5	10	9.11	180.	4	1
30.	4	1.2	10	9.11	180.	4	1
45.					180.	4	1
180.					180.	4	1
365.					180.	4	2
1825.					180.	4	1
3650.					180.	4	1
5475.					180.	4	1
7200.					180.	4	1

Summary of monthly rainfall and evaporation potential

Month	Rainfall	Evaporation
1	0.160	0.190
2	0.230	0.210
3	0.180	0.320
4	0.410	0.430
5	0.290	0.520
6	0.260	0.630
7	0.830	0.600
8	1.250	0.580
9	0.160	0.510
10	0.660	0.380
11	0.150	0.240
12	0.080	0.190

*****Calculation data*****

tau Lower layer Lower layer drainage path

	Void ratio	Permeability	Length
.120E-01	1.910	0.33900E-03	z = 10.31

Summary of desiccation parameters

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Parameter                                     Value
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Surface Drainage Efficiency                   1.00
maximum evaporation efficiency                0.75
time to desic. after initial fill            30.00
month of initial desiccation                  4
elevation of fixed water table               1.00
elevation of top of incompres. found.       -30.00
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*****Initial Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.99	8.38	19.71	19.71	18.76
1	29.59	29.59	8.36	19.69	19.69	18.74
1	29.19	29.19	8.34	19.66	19.66	18.71
1	28.79	28.79	8.32	19.64	19.64	18.69
1	28.39	28.39	8.30	19.62	19.62	18.67
1	27.99	27.99	8.29	19.60	19.60	18.64
1	27.59	27.59	8.27	19.57	19.57	18.62
1	27.19	27.19	8.25	19.55	19.55	18.60
1	26.79	26.79	8.23	19.53	19.53	18.58
1	26.39	26.39	8.21	19.50	19.50	18.55
1	25.99	25.99	8.19	19.48	19.48	18.53

2	25.99	25.99	8.19	3.08	3.08	3.07
2	24.97	24.97	7.94	3.06	3.06	3.05
2	23.95	23.95	7.68	3.04	3.04	3.03
2	22.93	22.93	7.43	3.02	3.02	3.01
2	21.92	21.92	7.18	3.00	3.00	2.99
2	20.92	20.92	6.93	2.98	2.98	2.96
2	19.92	19.92	6.68	2.95	2.95	2.94
2	18.93	18.93	6.43	2.92	2.92	2.91
2	17.95	17.95	6.17	2.90	2.90	2.88
2	16.97	16.97	5.92	2.87	2.87	2.86
2	16.00	16.00	5.67	2.84	2.84	2.83
3	16.00	16.00	5.67	1.89	1.89	1.89
3	14.36	14.36	5.10	1.88	1.88	1.87
3	12.73	12.73	4.54	1.86	1.86	1.86
3	11.12	11.12	3.97	1.84	1.84	1.84
3	9.51	9.51	3.40	1.83	1.83	1.83
3	7.91	7.91	2.84	1.82	1.82	1.81
3	6.31	6.31	2.27	1.80	1.80	1.80
3	4.73	4.73	1.70	1.79	1.79	1.79
3	3.15	3.15	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.77
3	0.00	0.00	0.00	1.76	1.76	1.76

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.99	72.96	0.00	72.96	62.40	10.56
1	29.59	98.30	0.25	98.04	87.48	10.56

1	29.19	123.61	0.51	123.10	112.54	10.56
1	28.79	148.89	0.76	148.13	137.57	10.56
1	28.39	174.15	1.02	173.13	162.57	10.56
1	27.99	199.37	1.27	198.10	187.54	10.56
1	27.59	224.57	1.53	223.05	212.49	10.56
1	27.19	249.74	1.78	247.96	237.40	10.56
1	26.79	274.89	2.04	272.85	262.29	10.56
1	26.39	300.00	2.29	297.71	287.15	10.56
1	25.99	325.09	2.54	322.55	311.99	10.56
1	25.99	325.09	2.54	322.55	311.99	10.56
2	24.97	412.59	26.11	386.47	375.91	10.56
2	23.95	499.79	49.68	450.10	439.54	10.56
2	22.93	586.68	73.25	513.43	502.87	10.56
2	21.92	673.30	96.82	576.48	565.92	10.56
2	20.92	759.56	120.39	639.17	628.61	10.56
2	19.92	845.40	143.96	701.45	690.89	10.56
2	18.93	930.83	167.53	763.30	752.74	10.56
2	17.95	1015.84	191.10	824.74	814.18	10.56
2	16.97	1100.42	214.66	885.76	875.20	10.56
2	16.00	1184.59	238.23	946.36	935.80	10.56
2	16.00	1184.59	238.23	946.36	935.80	10.56
3	14.36	1344.32	295.91	1048.41	1037.85	10.56
3	12.73	1503.51	353.58	1149.93	1139.37	10.56
3	11.12	1662.13	411.25	1250.88	1240.32	10.56
3	9.51	1820.16	468.92	1351.24	1340.68	10.56
3	7.91	1977.67	526.60	1451.07	1440.51	10.56
3	6.31	2134.76	584.27	1550.49	1539.93	10.56

3	4.73	2291.49	641.94	1649.55	1638.99	10.56
3	3.15	2447.86	699.62	1748.24	1737.68	10.56
3	1.57	2603.85	757.29	1846.56	1836.00	10.56
3	0.00	2759.48	814.96	1944.52	1933.96	10.56

Time = 0. Degree of Consolidation = 0.%

Total Settlement = 0.000

Settlement at End of Primary Consolidation = 0.224

Settlement caused by Primary Consolidation at time 0. = 0.000

Settlement caused by Secondary Compression at time 0. = 0.000

*****Initial Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
4	1.00	1.00	0.10	9.11	9.11	9.11
4	0.90	0.90	0.09	9.11	9.11	8.20
4	0.80	0.80	0.08	9.11	9.11	7.29
4	0.70	0.70	0.07	9.11	9.11	6.37
4	0.60	0.60	0.06	9.11	9.11	5.46
4	0.50	0.50	0.05	9.11	9.11	4.79
4	0.40	0.40	0.04	9.11	9.11	4.78
4	0.30	0.30	0.03	9.11	9.11	4.77
4	0.20	0.20	0.02	9.11	9.11	4.76
4	0.10	0.10	0.01	9.11	9.11	4.74
4	0.00	0.00	0.00	9.11	9.11	4.63

***** Stresses *****			***** Pore Pressures *****			
Material	XI	Total	Effective	Total	Static	Excess
	1.00	0.00	0.00	0.00	0.00	0.00
4	0.90	7.30	0.00	7.30	6.24	1.06
4	0.80	14.59	0.00	14.59	12.48	2.11
4	0.70	21.89	0.00	21.89	18.72	3.17
4	0.60	29.18	0.00	29.18	24.96	4.22
4	0.50	36.48	0.00	36.48	31.20	5.28
4	0.40	43.78	0.00	43.78	37.44	6.34
4	0.30	51.07	0.00	51.07	43.68	7.39
4	0.20	58.37	0.00	58.37	49.92	8.45
4	0.10	65.66	0.00	65.66	56.16	9.50
4	0.00	72.96	0.00	72.96	62.40	10.56

Time = 0. Degree of Consolidation = 0.%

Total Settlement = 0.000

Settlement at End of Primary Consolidation = 0.328

Settlement caused by Primary Consolidation at time 0. = 0.000

Settlement caused by Secondary Compression at time 0. = 0.000

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****			***** Void Ratios *****			
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.87	8.38	19.71	19.06	18.76

1	29.59	29.48	8.36	19.69	19.04	18.74
1	29.19	29.09	8.34	19.66	19.02	18.71
1	28.79	28.70	8.32	19.64	19.00	18.69
1	28.39	28.31	8.30	19.62	18.98	18.67
1	27.99	27.92	8.29	19.60	18.96	18.64
1	27.59	27.53	8.27	19.57	18.94	18.62
1	27.19	27.15	8.25	19.55	18.91	18.60
1	26.79	26.76	8.23	19.53	18.89	18.58
1	26.39	26.37	8.21	19.50	18.87	18.55
1	25.99	25.99	8.19	19.48	18.84	18.53
2	25.99	25.99	8.19	3.08	3.07	3.07
2	24.97	24.97	7.94	3.06	3.06	3.05
2	23.95	23.95	7.68	3.04	3.04	3.03
2	22.93	22.93	7.43	3.02	3.02	3.01
2	21.92	21.92	7.18	3.00	3.00	2.99
2	20.92	20.92	6.93	2.98	2.98	2.96
2	19.92	19.92	6.68	2.95	2.95	2.94
2	18.93	18.93	6.43	2.92	2.92	2.91
2	17.95	17.94	6.17	2.90	2.89	2.88
2	16.97	16.97	5.92	2.87	2.87	2.86
2	16.00	16.00	5.67	2.84	2.84	2.83
3	16.00	16.00	5.67	1.89	1.89	1.89
3	14.36	14.36	5.10	1.88	1.88	1.87
3	12.73	12.73	4.54	1.86	1.86	1.86
3	11.12	11.12	3.97	1.84	1.84	1.84
3	9.51	9.51	3.40	1.83	1.83	1.83
3	7.91	7.91	2.84	1.82	1.82	1.81

3	6.31	6.31	2.27	1.80	1.80	1.80
3	4.73	4.73	1.70	1.79	1.79	1.79
3	3.15	3.14	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.77
3	0.00	0.00	0.00	1.76	1.76	1.76

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.87	80.94	7.17	73.78	70.38	3.39
1	29.48	105.50	7.40	98.10	94.68	3.42
1	29.09	130.03	7.64	122.39	118.96	3.43
1	28.70	154.54	7.87	146.66	143.21	3.45
1	28.31	179.02	8.11	170.90	167.44	3.46
1	27.92	203.47	8.36	195.11	191.64	3.48
1	27.53	227.89	8.60	219.29	215.81	3.49
1	27.15	252.29	8.85	243.45	239.95	3.49
1	26.76	276.67	9.10	267.57	264.07	3.50
1	26.37	301.01	9.35	291.66	288.16	3.50
1	25.99	325.33	9.60	315.73	312.22	3.50
2	25.99	325.33	9.60	315.73	312.22	3.50
2	24.97	412.79	26.31	386.48	376.12	10.36
2	23.95	499.99	49.68	450.31	439.75	10.56
2	22.93	586.88	73.25	513.63	503.07	10.56
2	21.92	673.50	96.82	576.68	566.12	10.56
2	20.92	759.75	121.19	638.57	628.80	9.76
2	19.92	845.58	145.14	700.44	691.06	9.37
2	18.93	930.98	169.08	761.91	752.90	9.01

2	17.94	1015.96	192.98	822.98	814.30	8.68
2	16.97	1100.51	216.75	883.76	875.29	8.48
2	16.00	1184.64	240.10	944.54	935.85	8.69
2	16.00	1184.64	240.10	944.54	935.85	8.69
3	14.36	1344.36	296.84	1047.52	1037.89	9.63
3	12.73	1503.54	353.58	1149.96	1139.40	10.56
3	11.12	1662.17	411.25	1250.91	1240.35	10.56
3	9.51	1820.20	468.92	1351.28	1340.72	10.56
3	7.91	1977.71	526.60	1451.11	1440.55	10.56
3	6.31	2134.80	584.70	1550.10	1539.97	10.13
3	4.73	2291.53	642.31	1649.22	1639.03	10.19
3	3.14	2447.89	699.93	1747.96	1737.71	10.25
3	1.57	2603.88	758.42	1845.46	1836.03	9.43
3	0.00	2759.48	825.35	1934.13	1933.96	0.17

Time = 15. Degree of Consolidation = 57.%

Total Settlement = 0.128

Settlement at End of Primary Consolidation = 0.224

Settlement caused by Primary Consolidation at time 15. = 0.128

Settlement caused by Secondary Compression at time 15. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	1.00	0.67	0.10	9.11	9.11	9.11

4	0.90	0.58	0.09	9.11	8.19	8.20
4	0.80	0.49	0.08	9.11	7.28	7.29
4	0.70	0.41	0.07	9.11	6.37	6.37
4	0.60	0.34	0.06	9.11	5.46	5.46
4	0.50	0.28	0.05	9.11	4.78	4.79
4	0.40	0.23	0.04	9.11	4.77	4.78
4	0.30	0.17	0.03	9.11	4.76	4.77
4	0.20	0.11	0.02	9.11	4.75	4.76
4	0.10	0.06	0.01	9.11	4.74	4.74
4	0.00	0.00	0.00	9.11	4.62	4.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	0.67	28.49	0.00	28.49	28.49	0.00
4	0.58	35.50	1.06	34.44	34.44	0.00
4	0.49	41.95	2.11	39.84	39.84	0.00
4	0.41	47.84	3.17	44.67	44.67	0.00
4	0.34	53.16	4.22	48.93	48.93	0.00
4	0.28	57.92	5.28	52.64	52.64	0.00
4	0.23	62.55	6.34	56.21	56.21	0.00
4	0.17	67.16	7.39	59.77	59.77	0.00
4	0.11	71.77	8.45	63.32	63.32	0.00
4	0.06	76.37	9.50	66.87	66.87	0.00
4	0.00	80.94	10.56	70.38	70.38	0.00

Time = 15. Degree of Consolidation = 100.%

Total Settlement = 0.329

Settlement at End of Primary Consolidation = 0.328

0.328 Settlement caused by Primary Consolidation at time 15. =

0.000 Settlement caused by Secondary Compression at time 15. =

Surface Elevation = 0.54

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.79	8.38	19.71	18.72	17.33
1	29.59	29.41	8.36	19.69	18.70	17.31
1	29.19	29.03	8.34	19.66	18.68	17.29
1	28.79	28.65	8.32	19.64	18.66	17.26
1	28.39	28.27	8.30	19.62	18.63	17.24
1	27.99	27.88	8.29	19.60	18.61	17.22
1	27.59	27.50	8.27	19.57	18.59	17.19
1	27.19	27.12	8.25	19.55	18.57	17.17
1	26.79	26.74	8.23	19.53	18.55	17.15
1	26.39	26.36	8.21	19.50	18.52	17.12
1	25.99	25.99	8.19	19.48	18.50	17.10
2	25.99	25.99	8.19	3.08	3.07	3.06
2	24.97	24.96	7.94	3.06	3.06	3.04
2	23.95	23.94	7.68	3.04	3.04	3.02
2	22.93	22.93	7.43	3.02	3.02	3.00
2	21.92	21.92	7.18	3.00	3.00	2.97
2	20.92	20.91	6.93	2.98	2.98	2.95

2	19.92	19.92	6.68	2.95	2.95	2.92
2	18.93	18.92	6.43	2.92	2.92	2.89
2	17.95	17.94	6.17	2.90	2.89	2.87
2	16.97	16.96	5.92	2.87	2.87	2.84
2	16.00	15.99	5.67	2.84	2.84	2.81
3	16.00	15.99	5.67	1.89	1.89	1.89
3	14.36	14.36	5.10	1.88	1.88	1.87
3	12.73	12.73	4.54	1.86	1.86	1.85
3	11.12	11.11	3.97	1.84	1.84	1.84
3	9.51	9.51	3.40	1.83	1.83	1.82
3	7.91	7.91	2.84	1.82	1.82	1.81
3	6.31	6.31	2.27	1.80	1.80	1.80
3	4.73	4.73	1.70	1.79	1.79	1.79
3	3.15	3.14	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.77
3	0.00	0.00	0.00	1.76	1.76	1.76

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.79	120.72	11.00	109.72	94.32	15.40
1	29.41	144.86	11.23	133.62	118.20	15.42
1	29.03	168.97	11.47	157.50	142.06	15.44
1	28.65	193.06	11.70	181.35	165.89	15.46
1	28.27	217.12	11.94	205.18	189.70	15.48
1	27.88	241.15	12.18	228.97	213.48	15.49
1	27.50	265.16	12.43	252.73	237.23	15.50
1	27.12	289.14	12.67	276.47	260.96	15.51

1	26.74	313.10	12.92	300.17	284.66	15.51
1	26.36	337.02	13.17	323.85	308.33	15.52
1	25.99	360.92	13.43	347.50	331.98	15.52
2	25.99	360.92	13.43	347.50	331.98	15.52
2	24.96	448.36	27.18	421.19	395.85	25.34
2	23.94	535.56	49.68	485.87	459.47	26.40
2	22.93	622.44	73.25	549.19	522.79	26.40
2	21.92	709.07	96.95	612.12	585.84	26.28
2	20.91	795.31	122.00	673.31	648.52	24.79
2	19.92	881.12	146.39	734.73	710.76	23.97
2	18.92	966.50	170.67	795.82	772.57	23.26
2	17.94	1051.44	194.81	856.63	833.94	22.69
2	16.96	1135.96	218.60	917.36	894.89	22.46
2	15.99	1220.06	241.73	978.33	955.42	22.91
2	15.99	1220.06	241.73	978.33	955.42	22.91
3	14.36	1379.77	297.41	1082.36	1057.46	24.90
3	12.73	1538.95	353.58	1185.37	1158.97	26.40
3	11.11	1697.57	411.25	1286.32	1259.92	26.40
3	9.51	1855.61	468.92	1386.69	1360.29	26.40
3	7.91	2013.11	526.60	1486.52	1460.12	26.40
3	6.31	2170.21	585.03	1585.18	1559.54	25.64
3	4.73	2326.93	642.69	1684.24	1658.59	25.65
3	3.14	2483.29	700.52	1782.77	1757.27	25.49
3	1.57	2639.28	760.75	1878.53	1855.59	22.94
3	0.00	2794.84	833.26	1961.59	1953.48	8.11

Time = 30. Degree of Consolidation = 35.%

Total Settlement = 0.199

Settlement at End of Primary Consolidation = 0.562
 Settlement caused by Primary Consolidation at time 30. = 0.199
 Settlement caused by Secondary Compression at time 30. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	2.50	1.51	0.25	9.11	9.11	9.11
4	2.35	1.37	0.23	9.11	7.79	7.74
4	2.20	1.25	0.22	9.11	6.53	6.37
4	2.05	1.15	0.20	9.11	5.43	5.00
4	1.90	1.06	0.19	9.11	4.78	4.78
4	1.75	0.97	0.17	9.11	4.76	4.76
4	1.60	0.89	0.16	9.11	4.74	4.74
4	1.45	0.80	0.14	9.11	4.73	4.52
4	1.30	0.72	0.13	9.11	4.70	4.21
4	1.15	0.63	0.11	9.11	4.65	3.89
4	1.00	0.55	0.10	9.11	4.60	3.57
4	1.00	0.55	0.10	9.11	4.60	3.57
4	0.90	0.49	0.09	9.11	4.57	3.36
4	0.80	0.44	0.08	9.11	4.54	3.15
4	0.70	0.38	0.07	9.11	4.51	2.94
4	0.60	0.33	0.06	9.11	4.49	2.73
4	0.50	0.28	0.05	9.11	4.54	2.52

4	0.40	0.22	0.04	9.11	4.57	2.30
4	0.30	0.17	0.03	9.11	4.58	2.09
4	0.20	0.11	0.02	9.11	4.58	1.88
4	0.10	0.05	0.01	9.11	4.56	1.74
4	0.00	0.00	0.00	9.11	4.54	1.73

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	1.51	0.00	0.00	0.00	0.00	0.00
4	1.37	10.32	1.53	8.79	8.74	0.05
4	1.25	19.46	2.99	16.47	16.29	0.18
4	1.15	27.51	4.26	23.24	22.75	0.49
4	1.06	34.67	6.08	28.59	28.33	0.26
4	0.97	41.59	7.92	33.67	33.67	0.00
4	0.89	48.50	9.50	39.00	39.00	0.00
4	0.80	55.40	10.07	45.33	44.31	1.02
4	0.72	62.27	10.22	52.06	49.60	2.46
4	0.63	69.11	10.43	58.68	54.85	3.83
4	0.55	75.91	10.69	65.22	60.07	5.16
4	0.55	75.91	10.69	65.22	60.07	5.16
4	0.49	80.41	10.86	69.55	63.51	6.04
4	0.44	84.89	11.02	73.87	66.94	6.93
4	0.38	89.36	11.16	78.20	70.35	7.85
4	0.33	93.81	11.27	82.53	73.74	8.79
4	0.28	98.26	11.02	87.24	77.14	10.10
4	0.22	102.75	10.87	91.88	80.57	11.31
4	0.17	107.24	10.81	96.44	84.01	12.43

4	0.11	111.74	10.82	100.92	87.45	13.47
4	0.05	116.24	10.89	105.35	90.89	14.46
4	0.00	120.72	11.00	109.72	94.32	15.40

Time = 30. Degree of Consolidation = 80.%

Total Settlement = 0.988

Settlement at End of Primary Consolidation = 1.228

Settlement caused by Primary Consolidation at time 30. = 0.988

Settlement caused by Secondary Compression at time 30. = 0.000

Surface Elevation = 1.31

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****			***** Void Ratios *****			
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.78	8.38	19.71	18.65	16.14
1	29.59	29.40	8.36	19.69	18.63	16.12
1	29.19	29.02	8.34	19.66	18.61	16.10
1	28.79	28.63	8.32	19.64	18.59	16.07
1	28.39	28.25	8.30	19.62	18.57	16.05
1	27.99	27.87	8.29	19.60	18.54	16.03
1	27.59	27.50	8.27	19.57	18.52	16.00
1	27.19	27.12	8.25	19.55	18.50	15.98
1	26.79	26.74	8.23	19.53	18.48	15.96
1	26.39	26.36	8.21	19.50	18.46	15.94
1	25.99	25.98	8.19	19.48	18.43	15.91

2	25.99	25.98	8.19	3.08	3.07	3.05
2	24.97	24.96	7.94	3.06	3.06	3.03
2	23.95	23.94	7.68	3.04	3.04	3.01
2	22.93	22.92	7.43	3.02	3.02	2.99
2	21.92	21.91	7.18	3.00	3.00	2.96
2	20.92	20.91	6.93	2.98	2.97	2.93
2	19.92	19.91	6.68	2.95	2.95	2.91
2	18.93	18.92	6.43	2.92	2.92	2.88
2	17.95	17.94	6.17	2.90	2.89	2.85
2	16.97	16.96	5.92	2.87	2.86	2.82
2	16.00	15.99	5.67	2.84	2.84	2.79
3	16.00	15.99	5.67	1.89	1.89	1.88
3	14.36	14.36	5.10	1.88	1.88	1.87
3	12.73	12.73	4.54	1.86	1.86	1.85
3	11.12	11.11	3.97	1.84	1.84	1.83
3	9.51	9.51	3.40	1.83	1.83	1.82
3	7.91	7.91	2.84	1.82	1.82	1.81
3	6.31	6.31	2.27	1.80	1.80	1.80
3	4.73	4.73	1.70	1.79	1.79	1.79
3	3.15	3.14	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.77
3	0.00	0.00	0.00	1.76	1.76	1.76

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.78	175.75	11.75	164.00	136.15	27.85
1	29.40	199.80	11.98	187.82	159.95	27.87

1	29.02	223.83	12.22	211.62	183.72	27.89
1	28.63	247.84	12.45	235.39	207.47	27.91
1	28.25	271.82	12.69	259.13	231.20	27.93
1	27.87	295.77	12.93	282.84	254.90	27.94
1	27.50	319.70	13.18	306.52	278.57	27.95
1	27.12	343.60	13.42	330.18	302.22	27.96
1	26.74	367.47	13.67	353.80	325.83	27.97
1	26.36	391.32	13.92	377.39	349.43	27.97
1	25.98	415.14	14.18	400.96	372.99	27.97
1	25.98	415.14	14.18	400.96	372.99	27.97
2	24.96	502.56	27.95	474.61	436.85	37.76
2	23.94	589.75	49.68	540.07	500.47	39.60
2	22.92	676.64	73.25	603.39	563.78	39.60
2	21.91	763.26	97.21	666.05	626.84	39.21
2	20.91	849.49	122.86	726.63	689.50	37.13
2	19.91	935.28	147.69	787.60	751.72	35.87
2	18.92	1020.63	172.27	848.36	813.51	34.86
2	17.94	1105.55	196.55	909.00	874.85	34.15
2	16.96	1190.04	220.29	969.74	935.77	33.97
2	15.99	1274.11	243.19	1030.92	996.27	34.65
2	15.99	1274.11	243.19	1030.92	996.27	34.65
3	14.36	1433.81	297.82	1136.00	1098.31	37.69
3	12.73	1592.99	353.58	1239.42	1199.81	39.60
3	11.11	1751.62	411.25	1340.37	1300.76	39.60
3	9.51	1909.65	468.92	1440.73	1401.13	39.60
3	7.91	2067.16	526.60	1540.56	1500.96	39.60
3	6.31	2224.25	585.31	1638.94	1600.38	38.56

3	4.73	2380.97	643.13	1737.84	1699.43	38.41
3	3.14	2537.33	701.45	1835.88	1798.11	37.77
3	1.57	2693.30	763.60	1929.71	1896.41	33.29
3	0.00	2848.84	839.77	2009.07	1994.28	14.79

Time = 45. Degree of Consolidation = 25.%

Total Settlement = 0.215

Settlement at End of Primary Consolidation = 0.846

Settlement caused by Primary Consolidation at time 45. = 0.215

Settlement caused by Secondary Compression at time 45. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	3.75	2.18	0.37	9.11	9.11	9.11
4	3.62	2.06	0.36	9.11	7.97	7.97
4	3.50	1.96	0.35	9.11	6.83	6.83
4	3.37	1.87	0.33	9.11	5.69	5.69
4	3.25	1.79	0.32	9.11	4.79	4.79
4	3.12	1.72	0.31	9.11	4.77	4.77
4	3.00	1.65	0.30	9.11	4.76	4.76
4	2.87	1.58	0.28	9.11	4.75	4.75
4	2.75	1.51	0.27	9.11	4.63	4.63
4	2.62	1.44	0.26	9.11	4.36	4.36
4	2.50	1.38	0.25	9.11	4.10	4.10

4	2.50	1.38	0.25	9.11	4.10	4.10
4	2.35	1.30	0.23	9.11	4.62	3.78
4	2.20	1.21	0.22	9.11	4.72	3.47
4	2.05	1.13	0.20	9.11	4.72	3.15
4	1.90	1.04	0.19	9.11	4.71	2.83
4	1.75	0.96	0.17	9.11	4.68	2.52
4	1.60	0.87	0.16	9.11	4.66	2.20
4	1.45	0.79	0.14	9.11	4.63	1.88
4	1.30	0.71	0.13	9.11	4.59	1.74
4	1.15	0.62	0.11	9.11	4.56	1.73
4	1.00	0.54	0.10	9.11	4.54	1.72
4	1.00	0.54	0.10	9.11	4.54	1.72
4	0.90	0.49	0.09	9.11	4.52	1.72
4	0.80	0.43	0.08	9.11	4.51	1.71
4	0.70	0.38	0.07	9.11	4.49	1.71
4	0.60	0.32	0.06	9.11	4.49	1.70
4	0.50	0.27	0.05	9.11	4.48	1.70
4	0.40	0.22	0.04	9.11	4.48	1.69
4	0.30	0.16	0.03	9.11	4.46	1.69
4	0.20	0.11	0.02	9.11	4.44	1.68
4	0.10	0.05	0.01	9.11	4.42	1.67
4	0.00	0.00	0.00	9.11	4.39	1.67

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.18	0.00	0.00	0.00	0.00	0.00
4	2.06	8.67	1.32	7.35	7.35	0.00

4	1.96	16.48	2.64	13.84	13.84	0.00
4	1.87	23.45	3.96	19.49	19.49	0.00
4	1.79	29.50	5.28	24.22	24.22	0.00
4	1.72	35.28	6.60	28.68	28.68	0.00
4	1.65	41.05	7.92	33.13	33.13	0.00
4	1.58	46.81	9.24	37.57	37.57	0.00
4	1.51	52.53	10.56	41.97	41.97	0.00
4	1.44	58.10	11.88	46.21	46.21	0.00
4	1.38	63.45	13.20	50.25	50.25	0.00
4	1.38	63.45	13.20	50.25	50.25	0.00
4	1.30	70.04	10.62	59.43	55.26	4.17
4	1.21	76.89	10.09	66.80	60.52	6.28
4	1.13	83.77	10.09	73.68	65.82	7.86
4	1.04	90.65	10.17	80.48	71.11	9.37
4	0.96	97.50	10.28	87.22	76.38	10.84
4	0.87	104.34	10.42	93.92	81.63	12.29
4	0.79	111.14	10.57	100.57	86.85	13.72
4	0.71	117.92	10.73	107.19	92.05	15.14
4	0.62	124.67	10.88	113.79	97.21	16.58
4	0.54	131.39	11.01	120.38	102.35	18.03
4	0.54	131.39	11.01	120.38	102.35	18.03
4	0.49	135.86	11.10	124.76	105.76	19.00
4	0.43	140.32	11.17	129.15	109.17	19.98
4	0.38	144.77	11.23	133.54	112.56	20.98
4	0.32	149.21	11.27	137.94	115.95	21.99
4	0.27	153.65	11.29	142.37	119.33	23.03
4	0.22	158.09	11.32	146.77	122.71	24.05

4	0.16	162.52	11.39	151.14	126.09	25.05
4	0.11	166.95	11.48	155.46	129.46	26.01
4	0.05	171.36	11.60	159.75	132.81	26.94
4	0.00	175.75	11.75	164.00	136.15	27.85

Time = 45. Degree of Consolidation = 73.%

Total Settlement = 1.568

Settlement at End of Primary Consolidation = 2.141

Settlement caused by Primary Consolidation at time 45. = 1.568

Settlement caused by Secondary Compression at time 45. = 0.000

Surface Elevation = 1.97

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****			***** Void Ratios *****			
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.64	8.38	19.71	18.06	16.14
1	29.59	29.27	8.36	19.69	18.04	16.12
1	29.19	28.90	8.34	19.66	18.02	16.10
1	28.79	28.53	8.32	19.64	18.00	16.07
1	28.39	28.16	8.30	19.62	17.98	16.05
1	27.99	27.79	8.29	19.60	17.96	16.03
1	27.59	27.42	8.27	19.57	17.93	16.00
1	27.19	27.05	8.25	19.55	17.91	15.98
1	26.79	26.69	8.23	19.53	17.89	15.96
1	26.39	26.32	8.21	19.50	17.87	15.94

1	25.99	25.96	8.19	19.48	17.84	15.91
2	25.99	25.96	8.19	3.08	3.06	3.05
2	24.97	24.93	7.94	3.06	3.05	3.03
2	23.95	23.91	7.68	3.04	3.04	3.01
2	22.93	22.90	7.43	3.02	3.02	2.99
2	21.92	21.89	7.18	3.00	3.00	2.96
2	20.92	20.89	6.93	2.98	2.96	2.93
2	19.92	19.89	6.68	2.95	2.93	2.91
2	18.93	18.91	6.43	2.92	2.90	2.88
2	17.95	17.93	6.17	2.90	2.88	2.85
2	16.97	16.95	5.92	2.87	2.85	2.82
2	16.00	15.99	5.67	2.84	2.82	2.79
3	16.00	15.99	5.67	1.89	1.89	1.88
3	14.36	14.35	5.10	1.88	1.88	1.87
3	12.73	12.73	4.54	1.86	1.86	1.85
3	11.12	11.11	3.97	1.84	1.84	1.83
3	9.51	9.50	3.40	1.83	1.83	1.82
3	7.91	7.90	2.84	1.82	1.82	1.81
3	6.31	6.31	2.27	1.80	1.80	1.80
3	4.73	4.72	1.70	1.79	1.79	1.79
3	3.15	3.14	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.77
3	0.00	0.00	0.00	1.76	1.76	1.76

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.64	161.28	18.29	143.00	121.68	21.32

1	29.27	184.63	18.52	166.11	144.77	21.34
1	28.90	207.94	18.75	189.19	167.83	21.36
1	28.53	231.23	18.98	212.25	190.87	21.38
1	28.16	254.50	19.22	235.28	213.88	21.40
1	27.79	277.74	19.46	258.28	236.87	21.41
1	27.42	300.96	19.70	281.25	259.83	21.42
1	27.05	324.14	19.95	304.19	282.76	21.43
1	26.69	347.30	20.20	327.10	305.66	21.44
1	26.32	370.44	20.45	349.99	328.54	21.44
1	25.96	393.54	20.70	372.84	351.39	21.44
1	25.96	393.54	20.70	372.84	351.39	21.44
2	24.93	480.89	32.32	448.57	415.17	33.40
2	23.91	568.06	49.68	518.37	478.77	39.60
2	22.90	654.95	73.25	581.70	542.10	39.60
2	21.89	741.54	102.60	638.94	605.12	33.83
2	20.89	827.64	132.27	695.38	667.65	27.73
2	19.89	913.24	159.38	753.86	729.68	24.18
2	18.91	998.37	184.94	813.43	791.25	22.19
2	17.93	1083.06	209.18	873.88	852.37	21.51
2	16.95	1167.33	232.22	935.11	913.06	22.05
2	15.99	1251.20	253.58	997.62	973.36	24.26
2	15.99	1251.20	253.58	997.62	973.36	24.26
3	14.35	1410.85	300.96	1109.89	1075.35	34.54
3	12.73	1570.02	353.58	1216.44	1176.84	39.60
3	11.11	1728.65	411.25	1317.39	1277.79	39.60
3	9.50	1886.68	468.92	1417.76	1378.16	39.60
3	7.90	2044.19	526.60	1517.59	1477.99	39.60

3	6.31	2201.27	588.50	1612.78	1577.40	35.38
3	4.72	2357.96	650.18	1707.78	1676.42	31.36
3	3.14	2514.26	714.05	1800.20	1775.04	25.16
3	1.57	2670.13	782.13	1888.00	1873.24	14.76
3	0.00	2825.55	854.56	1970.99	1970.99	0.00

Time = 180. Degree of Consolidation = 42.%

Total Settlement = 0.357

Settlement at End of Primary Consolidation = 0.846

Settlement caused by Primary Consolidation at time 180. = 0.357

Settlement caused by Secondary Compression at time 180. = 0.000

*****Current Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
4	3.75	1.95	0.37	9.11	9.11	9.11
4	3.62	1.83	0.36	9.11	7.96	7.97
4	3.50	1.73	0.35	9.11	6.82	6.83
4	3.37	1.64	0.33	9.11	5.68	5.69
4	3.25	1.56	0.32	9.11	4.77	4.79
4	3.12	1.49	0.31	9.11	4.76	4.77
4	3.00	1.42	0.30	9.11	4.74	4.76
4	2.87	1.35	0.28	9.11	4.72	4.75
4	2.75	1.28	0.27	9.11	4.60	4.63
4	2.62	1.21	0.26	9.11	4.33	4.36

4	2.50	1.15	0.25	9.11	4.07	4.10
4	2.50	1.15	0.25	9.11	4.10	4.10
4	2.35	1.07	0.23	9.11	4.03	3.78
4	2.20	1.00	0.22	9.11	3.98	3.47
4	2.05	0.92	0.20	9.11	3.94	3.15
4	1.90	0.85	0.19	9.11	3.89	2.83
4	1.75	0.78	0.17	9.11	3.85	2.52
4	1.60	0.71	0.16	9.11	3.80	2.20
4	1.45	0.64	0.14	9.11	3.74	1.88
4	1.30	0.57	0.13	9.11	3.69	1.74
4	1.15	0.50	0.11	9.11	3.63	1.73
4	1.00	0.43	0.10	9.11	3.57	1.72
4	1.00	0.43	0.10	9.11	3.57	1.72
4	0.90	0.38	0.09	9.11	3.53	1.72
4	0.80	0.34	0.08	9.11	3.48	1.71
4	0.70	0.30	0.07	9.11	3.44	1.71
4	0.60	0.25	0.06	9.11	3.39	1.70
4	0.50	0.21	0.05	9.11	3.35	1.70
4	0.40	0.17	0.04	9.11	3.30	1.69
4	0.30	0.12	0.03	9.11	3.25	1.69
4	0.20	0.08	0.02	9.11	3.19	1.68
4	0.10	0.04	0.01	9.11	3.14	1.67
4	0.00	0.00	0.00	9.11	3.08	1.67

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	1.95	0.00	0.00	0.00	0.00	0.00

4	1.83	8.67	1.32	7.35	7.35	0.00
4	1.73	16.46	2.64	13.82	13.82	0.00
4	1.64	23.43	3.96	19.47	19.47	0.00
4	1.56	29.46	5.28	24.18	24.18	0.00
4	1.49	35.23	6.60	28.63	28.63	0.00
4	1.42	40.99	7.92	33.06	33.06	0.00
4	1.35	46.73	9.24	37.48	37.48	0.00
4	1.28	52.43	10.56	41.86	41.86	0.00
4	1.21	57.97	11.88	46.09	46.09	0.00
4	1.15	63.30	13.20	50.10	50.10	0.00
4	1.15	63.30	13.20	50.10	50.10	0.00
4	1.07	69.57	13.53	56.04	54.79	1.26
4	1.00	75.79	13.78	62.01	59.42	2.59
4	0.92	81.97	14.01	67.96	64.01	3.94
4	0.85	88.10	14.23	73.87	68.57	5.30
4	0.78	94.20	14.47	79.73	73.07	6.65
4	0.71	100.24	14.71	85.53	77.54	7.99
4	0.64	106.25	14.98	91.27	81.96	9.31
4	0.57	112.20	15.25	96.94	86.32	10.62
4	0.50	118.10	15.55	102.55	90.64	11.91
4	0.43	123.94	15.86	108.08	94.90	13.18
4	0.43	123.94	15.86	108.08	94.90	13.18
4	0.38	127.80	16.06	111.74	97.70	14.03
4	0.34	131.64	16.28	115.36	100.49	14.88
4	0.30	135.45	16.50	118.95	103.24	15.71
4	0.25	139.23	16.73	122.50	105.97	16.53
4	0.21	142.98	16.97	126.02	108.66	17.35

4	0.17	146.71	17.22	129.49	111.33	18.16
4	0.12	150.40	17.47	132.93	113.97	18.96
4	0.08	154.06	17.73	136.33	116.57	19.76
4	0.04	157.69	18.00	139.68	119.14	20.54
4	0.00	161.28	18.29	143.00	121.68	21.32

Time = 180. Degree of Consolidation = 84.%

Total Settlement = 1.800

Settlement at End of Primary Consolidation = 2.141

Settlement caused by Primary Consolidation at time 180. = 1.797

Settlement caused by Secondary Compression at time 180. = 0.003

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.59

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.46	8.38	19.71	17.39	16.14
1	29.59	29.11	8.36	19.69	17.37	16.12
1	29.19	28.75	8.34	19.66	17.35	16.10
1	28.79	28.39	8.32	19.64	17.32	16.07
1	28.39	28.04	8.30	19.62	17.30	16.05
1	27.99	27.68	8.29	19.60	17.28	16.03
1	27.59	27.33	8.27	19.57	17.26	16.00
1	27.19	26.97	8.25	19.55	17.23	15.98

1	26.79	26.62	8.23	19.53	17.21	15.96
1	26.39	26.27	8.21	19.50	17.19	15.94
1	25.99	25.91	8.19	19.48	17.17	15.91
2	25.99	25.91	8.19	3.08	3.06	3.05
2	24.97	24.89	7.94	3.06	3.05	3.03
2	23.95	23.88	7.68	3.04	3.04	3.01
2	22.93	22.86	7.43	3.02	3.02	2.99
2	21.92	21.85	7.18	3.00	2.98	2.96
2	20.92	20.85	6.93	2.98	2.95	2.93
2	19.92	19.86	6.68	2.95	2.91	2.91
2	18.93	18.88	6.43	2.92	2.88	2.88
2	17.95	17.91	6.17	2.90	2.86	2.85
2	16.97	16.94	5.92	2.87	2.83	2.82
2	16.00	15.98	5.67	2.84	2.80	2.79
3	16.00	15.98	5.67	1.89	1.88	1.88
3	14.36	14.35	5.10	1.88	1.87	1.87
3	12.73	12.72	4.54	1.86	1.86	1.85
3	11.12	11.11	3.97	1.84	1.84	1.83
3	9.51	9.50	3.40	1.83	1.83	1.82
3	7.91	7.90	2.84	1.82	1.82	1.81
3	6.31	6.31	2.27	1.80	1.80	1.80
3	4.73	4.72	1.70	1.79	1.79	1.79
3	3.15	3.14	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.77
3	0.00	0.00	0.00	1.76	1.76	1.76

Time = 365. Degree of Consolidation = 63.%

Total Settlement = 0.528

Settlement at End of Primary Consolidation = 0.846
 Settlement caused by Primary Consolidation at time 365. = 0.528
 Settlement caused by Secondary Compression at time 365. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	3.75	1.69	0.37	9.11	9.11	9.11
4	3.62	1.57	0.36	9.11	7.95	7.97
4	3.50	1.47	0.35	9.11	6.81	6.83
4	3.37	1.38	0.33	9.11	5.67	5.69
4	3.25	1.30	0.32	9.11	4.77	4.79
4	3.12	1.23	0.31	9.11	4.75	4.77
4	3.00	1.16	0.30	9.11	4.74	4.76
4	2.87	1.09	0.28	9.11	4.72	4.75
4	2.75	1.02	0.27	9.11	4.60	4.63
4	2.62	0.95	0.26	9.11	4.33	4.36
4	2.50	0.89	0.25	9.11	4.07	4.10
4	2.50	0.89	0.25	9.11	4.10	4.10
4	2.35	0.82	0.23	9.11	3.78	3.78
4	2.20	0.75	0.22	9.11	3.47	3.47
4	2.05	0.68	0.20	9.11	3.23	3.15
4	1.90	0.62	0.19	9.11	3.04	2.83
4	1.75	0.56	0.17	9.11	2.88	2.52

4	1.60	0.51	0.16	9.11	2.75	2.20
4	1.45	0.45	0.14	9.11	2.62	1.88
4	1.30	0.40	0.13	9.11	2.51	1.74
4	1.15	0.35	0.11	9.11	2.41	1.73
4	1.00	0.30	0.10	9.11	2.31	1.72
4	1.00	0.30	0.10	9.11	2.31	1.72
4	0.90	0.27	0.09	9.11	2.25	1.72
4	0.80	0.23	0.08	9.11	2.19	1.71
4	0.70	0.20	0.07	9.11	2.13	1.71
4	0.60	0.17	0.06	9.11	2.07	1.70
4	0.50	0.14	0.05	9.11	2.01	1.70
4	0.40	0.11	0.04	9.11	1.95	1.69
4	0.30	0.08	0.03	9.11	1.89	1.69
4	0.20	0.06	0.02	9.11	1.84	1.68
4	0.10	0.03	0.01	9.11	1.78	1.67
4	0.00	0.00	0.00	9.11	1.74	1.67

Time = 365. Degree of Consolidation = 96.%

Total Settlement = 2.058

Settlement at End of Primary Consolidation = 2.141

Settlement caused by Primary Consolidation at time 365. = 2.054

Settlement caused by Secondary Compression at time 365. = 0.004

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.16

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****

***** Void Ratios *****

	A	XI	Z	Einitial	E	Eeop
Material						
1	29.99	29.43	8.38	19.71	17.38	16.14
1	29.59	29.07	8.36	19.69	17.36	16.12
1	29.19	28.72	8.34	19.66	17.33	16.10
1	28.79	28.36	8.32	19.64	17.31	16.07
1	28.39	28.01	8.30	19.62	17.29	16.05
1	27.99	27.65	8.29	19.60	17.27	16.03
1	27.59	27.30	8.27	19.57	17.24	16.00
1	27.19	26.94	8.25	19.55	17.22	15.98
1	26.79	26.59	8.23	19.53	17.20	15.96
1	26.39	26.24	8.21	19.50	17.17	15.94
1	25.99	25.88	8.19	19.48	17.15	15.91
2	25.99	25.88	8.19	3.08	3.06	3.05
2	24.97	24.86	7.94	3.06	3.04	3.03
2	23.95	23.85	7.68	3.04	3.02	3.01
2	22.93	22.84	7.43	3.02	2.99	2.99
2	21.92	21.84	7.18	3.00	2.96	2.96
2	20.92	20.84	6.93	2.98	2.93	2.93
2	19.92	19.86	6.68	2.95	2.91	2.91
2	18.93	18.88	6.43	2.92	2.88	2.88
2	17.95	17.90	6.17	2.90	2.85	2.85
2	16.97	16.94	5.92	2.87	2.82	2.82
2	16.00	15.98	5.67	2.84	2.79	2.79
3	16.00	15.98	5.67	1.89	1.88	1.88
3	14.36	14.35	5.10	1.88	1.87	1.87

3	12.73	12.72	4.54	1.86	1.86	1.85
3	11.12	11.11	3.97	1.84	1.84	1.83
3	9.51	9.50	3.40	1.83	1.83	1.82
3	7.91	7.90	2.84	1.82	1.82	1.81
3	6.31	6.30	2.27	1.80	1.80	1.80
3	4.73	4.72	1.70	1.79	1.79	1.79
3	3.15	3.14	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.77
3	0.00	0.00	0.00	1.76	1.76	1.76

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.43	144.58	25.85	118.73	104.98	13.75
1	29.07	167.10	26.11	140.99	127.24	13.75
1	28.72	189.59	26.36	163.23	149.48	13.75
1	28.36	212.05	26.61	185.43	171.68	13.75
1	28.01	234.48	26.87	207.61	193.86	13.75
1	27.65	256.88	27.12	229.76	216.01	13.75
1	27.30	279.26	27.38	251.88	238.13	13.75
1	26.94	301.61	27.63	273.98	260.23	13.75
1	26.59	323.93	27.88	296.05	282.29	13.75
1	26.24	346.22	28.14	318.09	304.33	13.75
1	25.88	368.49	28.39	340.10	326.34	13.75
2	25.88	368.49	28.39	340.10	326.34	13.75
2	24.86	455.69	46.51	409.18	389.98	19.21
2	23.85	542.64	72.02	470.62	453.36	17.26
2	22.84	629.18	107.52	521.66	516.33	5.33

2	21.84	715.20	136.04	579.16	578.78	0.38
2	20.84	800.77	159.99	640.78	640.78	0.00
2	19.86	885.91	183.56	702.35	702.35	0.00
2	18.88	970.63	207.13	763.50	763.50	0.00
2	17.90	1054.93	230.70	824.23	824.23	0.00
2	16.94	1138.80	254.27	884.54	884.54	0.00
2	15.98	1222.23	274.50	947.73	944.39	3.33
2	15.98	1222.23	274.50	947.73	944.39	3.33
3	14.35	1381.70	317.05	1064.66	1046.20	18.46
3	12.72	1540.74	362.59	1178.15	1147.56	30.59
3	11.11	1699.33	412.41	1286.92	1248.47	38.45
3	9.50	1857.36	468.92	1388.43	1348.83	39.60
3	7.90	2014.87	526.60	1488.27	1448.67	39.60
3	6.30	2171.93	594.68	1577.25	1548.06	29.19
3	4.72	2328.57	660.90	1667.67	1647.02	20.65
3	3.14	2484.79	725.85	1758.94	1745.57	13.37
3	1.57	2640.60	790.17	1850.42	1843.70	6.72
3	0.00	2795.99	854.56	1941.43	1941.43	0.00

Time = 1825. Degree of Consolidation = 67.%

Total Settlement = 0.563

Settlement at End of Primary Consolidation = 0.846

Settlement caused by Primary Consolidation at time 1825. =
0.563

Settlement caused by Secondary Compression at time 1825. =
0.000

*****Current Conditions in Dredged Fill*****

***** Coordinates *****

***** Void Ratios *****

	A	XI	Z	Einitial	E	Eeop
Material	3.75	1.68	0.37	9.11	9.11	9.11
4	3.62	1.56	0.36	9.11	7.95	7.97
4	3.50	1.46	0.35	9.11	6.81	6.83
4	3.37	1.37	0.33	9.11	5.67	5.69
4	3.25	1.29	0.32	9.11	4.77	4.79
4	3.12	1.22	0.31	9.11	4.75	4.77
4	3.00	1.15	0.30	9.11	4.74	4.76
4	2.87	1.08	0.28	9.11	4.72	4.75
4	2.75	1.01	0.27	9.11	4.60	4.63
4	2.62	0.94	0.26	9.11	4.33	4.36
4	2.50	0.88	0.25	9.11	4.07	4.10
4	2.50	0.88	0.25	9.11	4.10	4.10
4	2.35	0.81	0.23	9.11	3.78	3.78
4	2.20	0.74	0.22	9.11	3.47	3.47
4	2.05	0.67	0.20	9.11	3.20	3.15
4	1.90	0.61	0.19	9.11	2.99	2.83
4	1.75	0.56	0.17	9.11	2.82	2.52
4	1.60	0.50	0.16	9.11	2.68	2.20
4	1.45	0.45	0.14	9.11	2.56	1.88
4	1.30	0.39	0.13	9.11	2.44	1.74
4	1.15	0.34	0.11	9.11	2.34	1.73
4	1.00	0.29	0.10	9.11	2.25	1.72
4	1.00	0.29	0.10	9.11	2.25	1.72
4	0.90	0.26	0.09	9.11	2.19	1.72

4	0.80	0.23	0.08	9.11	2.13	1.71
4	0.70	0.20	0.07	9.11	2.08	1.71
4	0.60	0.17	0.06	9.11	2.02	1.70
4	0.50	0.14	0.05	9.11	1.97	1.70
4	0.40	0.11	0.04	9.11	1.92	1.69
4	0.30	0.08	0.03	9.11	1.87	1.69
4	0.20	0.05	0.02	9.11	1.82	1.68
4	0.10	0.03	0.01	9.11	1.78	1.67
4	0.00	0.00	0.00	9.11	1.74	1.67

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	1.68	0.00	0.00	0.00	0.00	0.00
4	1.56	8.66	1.32	7.34	7.34	0.00
4	1.46	16.46	2.64	13.82	13.82	0.00
4	1.37	23.42	3.96	19.46	19.46	0.00
4	1.29	29.46	5.28	24.18	24.18	0.00
4	1.22	35.23	6.60	28.63	28.63	0.00
4	1.15	40.98	7.92	33.06	33.06	0.00
4	1.08	46.72	9.24	37.48	37.48	0.00
4	1.01	52.41	10.56	41.85	41.85	0.00
4	0.94	57.95	11.88	46.07	46.07	0.00
4	0.88	63.28	13.20	50.08	50.08	0.00
4	0.88	63.28	13.20	50.08	50.08	0.00
4	0.81	69.44	14.78	54.66	54.66	0.00
4	0.74	75.30	16.37	58.94	58.94	0.00
4	0.67	80.89	17.70	63.20	62.94	0.25

4	0.61	86.27	18.73	67.54	66.73	0.80
4	0.56	91.47	19.58	71.89	70.35	1.54
4	0.50	96.52	20.30	76.23	73.82	2.41
4	0.45	101.46	20.92	80.53	77.17	3.37
4	0.39	106.28	21.48	84.80	80.41	4.39
4	0.34	111.01	21.98	89.03	83.55	5.48
4	0.29	115.64	22.44	93.20	86.60	6.60
4	0.29	115.64	22.44	93.20	86.60	6.60
4	0.26	118.69	22.74	95.94	88.59	7.35
4	0.23	121.69	23.04	98.66	90.54	8.12
4	0.20	124.67	23.32	101.35	92.46	8.89
4	0.17	127.61	23.59	104.02	94.34	9.68
4	0.14	130.51	23.85	106.67	96.19	10.48
4	0.11	133.39	24.10	109.29	98.01	11.28
4	0.08	136.23	24.34	111.89	99.79	12.09
4	0.05	139.04	24.58	114.46	101.55	12.91
4	0.03	141.83	24.81	117.01	103.28	13.73
4	0.00	144.58	25.85	118.73	104.98	13.75

Time = 1825. Degree of Consolidation = 96.%

Total Settlement = 2.068

Settlement at End of Primary Consolidation = 2.141

Settlement caused by Primary Consolidation at time 1825. =
2.061

Settlement caused by Secondary Compression at time 1825. =
0.007

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.12

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.43	8.38	19.71	17.38	16.14
1	29.59	29.07	8.36	19.69	17.36	16.12
1	29.19	28.72	8.34	19.66	17.33	16.10
1	28.79	28.36	8.32	19.64	17.31	16.07
1	28.39	28.01	8.30	19.62	17.29	16.05
1	27.99	27.65	8.29	19.60	17.27	16.03
1	27.59	27.30	8.27	19.57	17.24	16.00
1	27.19	26.94	8.25	19.55	17.22	15.98
1	26.79	26.59	8.23	19.53	17.20	15.96
1	26.39	26.24	8.21	19.50	17.17	15.94
1	25.99	25.88	8.19	19.48	17.15	15.91
2	25.99	25.88	8.19	3.08	3.06	3.05
2	24.97	24.86	7.94	3.06	3.04	3.03
2	23.95	23.85	7.68	3.04	3.02	3.01
2	22.93	22.84	7.43	3.02	2.99	2.99
2	21.92	21.84	7.18	3.00	2.96	2.96
2	20.92	20.84	6.93	2.98	2.93	2.93
2	19.92	19.86	6.68	2.95	2.91	2.91
2	18.93	18.88	6.43	2.92	2.88	2.88
2	17.95	17.90	6.17	2.90	2.85	2.85
2	16.97	16.94	5.92	2.87	2.82	2.82
2	16.00	15.98	5.67	2.84	2.79	2.79

3	16.00	15.98	5.67	1.89	1.88	1.88
3	14.36	14.35	5.10	1.88	1.87	1.87
3	12.73	12.72	4.54	1.86	1.86	1.85
3	11.12	11.11	3.97	1.84	1.84	1.83
3	9.51	9.50	3.40	1.83	1.83	1.82
3	7.91	7.90	2.84	1.82	1.82	1.81
3	6.31	6.30	2.27	1.80	1.80	1.80
3	4.73	4.72	1.70	1.79	1.79	1.79
3	3.15	3.14	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.77
3	0.00	0.00	0.00	1.76	1.76	1.76

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.43	144.58	25.85	118.73	104.98	13.75
1	29.07	167.10	26.11	140.99	127.24	13.75
1	28.72	189.59	26.36	163.23	149.48	13.75
1	28.36	212.05	26.61	185.43	171.68	13.75
1	28.01	234.48	26.87	207.61	193.86	13.75
1	27.65	256.88	27.12	229.76	216.01	13.75
1	27.30	279.26	27.38	251.88	238.13	13.75
1	26.94	301.61	27.63	273.98	260.23	13.75
1	26.59	323.93	27.88	296.05	282.29	13.75
1	26.24	346.22	28.14	318.09	304.33	13.75
1	25.88	368.49	28.39	340.10	326.34	13.75
1	25.88	368.49	28.39	340.10	326.34	13.75
2	24.86	455.69	46.55	409.14	389.97	19.17

2	23.85	542.64	72.12	470.53	453.36	17.17
2	22.84	629.18	107.59	521.59	516.33	5.26
2	21.84	715.20	136.07	579.13	578.78	0.35
2	20.84	800.76	159.99	640.77	640.77	0.00
2	19.86	885.90	183.56	702.34	702.34	0.00
2	18.88	970.62	207.13	763.49	763.49	0.00
2	17.90	1054.93	230.70	824.23	824.23	0.00
2	16.94	1138.80	254.27	884.53	884.53	0.00
2	15.98	1222.22	274.50	947.72	944.39	3.33
2	15.98	1222.22	274.50	947.72	944.39	3.33
3	14.35	1381.70	317.05	1064.65	1046.19	18.46
3	12.72	1540.74	362.59	1178.15	1147.56	30.59
3	11.11	1699.32	412.41	1286.92	1248.47	38.45
3	9.50	1857.35	468.92	1388.43	1348.83	39.60
3	7.90	2014.87	526.60	1488.27	1448.67	39.60
3	6.30	2171.93	594.68	1577.25	1548.06	29.19
3	4.72	2328.57	660.90	1667.67	1647.02	20.65
3	3.14	2484.78	725.85	1758.94	1745.57	13.37
3	1.57	2640.59	790.17	1850.42	1843.70	6.72
3	0.00	2795.99	854.56	1941.43	1941.43	0.00

Time = 3650. Degree of Consolidation = 67.%

Total Settlement = 0.563

Settlement at End of Primary Consolidation = 0.846

Settlement caused by Primary Consolidation at time 3650. = 0.563

Settlement caused by Secondary Compression at time 3650. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	3.75	1.68	0.37	9.11	9.11	9.11
4	3.62	1.56	0.36	9.11	7.95	7.97
4	3.50	1.46	0.35	9.11	6.81	6.83
4	3.37	1.37	0.33	9.11	5.67	5.69
4	3.25	1.29	0.32	9.11	4.77	4.79
4	3.12	1.22	0.31	9.11	4.75	4.77
4	3.00	1.15	0.30	9.11	4.74	4.76
4	2.87	1.08	0.28	9.11	4.72	4.75
4	2.75	1.01	0.27	9.11	4.60	4.63
4	2.62	0.94	0.26	9.11	4.33	4.36
4	2.50	0.88	0.25	9.11	4.07	4.10
4	2.50	0.88	0.25	9.11	4.10	4.10
4	2.35	0.81	0.23	9.11	3.78	3.78
4	2.20	0.74	0.22	9.11	3.47	3.47
4	2.05	0.67	0.20	9.11	3.20	3.15
4	1.90	0.61	0.19	9.11	2.99	2.83
4	1.75	0.56	0.17	9.11	2.82	2.52
4	1.60	0.50	0.16	9.11	2.68	2.20
4	1.45	0.45	0.14	9.11	2.56	1.88
4	1.30	0.39	0.13	9.11	2.44	1.74
4	1.15	0.34	0.11	9.11	2.34	1.73
4	1.00	0.29	0.10	9.11	2.25	1.72

4	1.00	0.29	0.10	9.11	2.25	1.72
4	0.90	0.26	0.09	9.11	2.19	1.72
4	0.80	0.23	0.08	9.11	2.13	1.71
4	0.70	0.20	0.07	9.11	2.08	1.71
4	0.60	0.17	0.06	9.11	2.02	1.70
4	0.50	0.14	0.05	9.11	1.97	1.70
4	0.40	0.11	0.04	9.11	1.92	1.69
4	0.30	0.08	0.03	9.11	1.87	1.69
4	0.20	0.05	0.02	9.11	1.82	1.68
4	0.10	0.03	0.01	9.11	1.78	1.67
4	0.00	0.00	0.00	9.11	1.74	1.67

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	1.68	0.00	0.00	0.00	0.00	0.00
4	1.56	8.66	1.32	7.34	7.34	0.00
4	1.46	16.46	2.64	13.82	13.82	0.00
4	1.37	23.42	3.96	19.46	19.46	0.00
4	1.29	29.46	5.28	24.18	24.18	0.00
4	1.22	35.23	6.60	28.63	28.63	0.00
4	1.15	40.98	7.92	33.06	33.06	0.00
4	1.08	46.72	9.24	37.48	37.48	0.00
4	1.01	52.41	10.56	41.85	41.85	0.00
4	0.94	57.95	11.88	46.07	46.07	0.00
4	0.88	63.28	13.20	50.08	50.08	0.00
4	0.88	63.28	13.20	50.08	50.08	0.00
4	0.81	69.44	14.78	54.66	54.66	0.00

4	0.74	75.30	16.37	58.94	58.94	0.00
4	0.67	80.89	17.70	63.20	62.94	0.25
4	0.61	86.27	18.73	67.54	66.73	0.80
4	0.56	91.47	19.58	71.89	70.35	1.54
4	0.50	96.52	20.30	76.23	73.82	2.41
4	0.45	101.46	20.92	80.53	77.17	3.37
4	0.39	106.28	21.48	84.80	80.41	4.39
4	0.34	111.01	21.98	89.03	83.55	5.48
4	0.29	115.64	22.44	93.20	86.60	6.60
4	0.29	115.64	22.44	93.20	86.60	6.60
4	0.26	118.69	22.74	95.94	88.59	7.35
4	0.23	121.69	23.04	98.66	90.54	8.12
4	0.20	124.67	23.32	101.35	92.46	8.89
4	0.17	127.61	23.59	104.02	94.34	9.68
4	0.14	130.51	23.85	106.67	96.19	10.48
4	0.11	133.39	24.10	109.29	98.01	11.28
4	0.08	136.23	24.34	111.89	99.79	12.09
4	0.05	139.04	24.58	114.46	101.55	12.91
4	0.03	141.83	24.81	117.01	103.28	13.73
4	0.00	144.58	25.85	118.73	104.98	13.75

Time = 3650. Degree of Consolidation = 96.%

Total Settlement = 2.068

Settlement at End of Primary Consolidation = 2.141

Settlement caused by Primary Consolidation at time 3650. = 2.059

Settlement caused by Secondary Compression at time 3650. = 0.008

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.12

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.43	8.38	19.71	17.38	16.14
1	29.59	29.07	8.36	19.69	17.36	16.12
1	29.19	28.72	8.34	19.66	17.33	16.10
1	28.79	28.36	8.32	19.64	17.31	16.07
1	28.39	28.01	8.30	19.62	17.29	16.05
1	27.99	27.65	8.29	19.60	17.27	16.03
1	27.59	27.30	8.27	19.57	17.24	16.00
1	27.19	26.94	8.25	19.55	17.22	15.98
1	26.79	26.59	8.23	19.53	17.20	15.96
1	26.39	26.24	8.21	19.50	17.17	15.94
1	25.99	25.88	8.19	19.48	17.15	15.91
2	25.99	25.88	8.19	3.08	3.06	3.05
2	24.97	24.86	7.94	3.06	3.04	3.03
2	23.95	23.85	7.68	3.04	3.02	3.01
2	22.93	22.84	7.43	3.02	2.99	2.99
2	21.92	21.84	7.18	3.00	2.96	2.96
2	20.92	20.84	6.93	2.98	2.93	2.93
2	19.92	19.86	6.68	2.95	2.91	2.91
2	18.93	18.88	6.43	2.92	2.88	2.88
2	17.95	17.90	6.17	2.90	2.85	2.85

2	16.97	16.94	5.92	2.87	2.82	2.82
2	16.00	15.98	5.67	2.84	2.79	2.79
3	16.00	15.98	5.67	1.89	1.88	1.88
3	14.36	14.35	5.10	1.88	1.87	1.87
3	12.73	12.72	4.54	1.86	1.86	1.85
3	11.12	11.11	3.97	1.84	1.84	1.83
3	9.51	9.50	3.40	1.83	1.83	1.82
3	7.91	7.90	2.84	1.82	1.82	1.81
3	6.31	6.30	2.27	1.80	1.80	1.80
3	4.73	4.72	1.70	1.79	1.79	1.79
3	3.15	3.14	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.77
3	0.00	0.00	0.00	1.76	1.76	1.76

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.43	144.58	25.85	118.73	104.98	13.75
1	29.07	167.10	26.11	140.99	127.24	13.75
1	28.72	189.59	26.36	163.23	149.48	13.75
1	28.36	212.05	26.61	185.43	171.68	13.75
1	28.01	234.48	26.87	207.61	193.86	13.75
1	27.65	256.88	27.12	229.76	216.01	13.75
1	27.30	279.26	27.38	251.88	238.13	13.75
1	26.94	301.61	27.63	273.98	260.23	13.75
1	26.59	323.93	27.88	296.05	282.29	13.75
1	26.24	346.22	28.14	318.09	304.33	13.75
1	25.88	368.49	28.39	340.10	326.34	13.75

2	25.88	368.49	28.39	340.10	326.34	13.75
2	24.86	455.69	46.55	409.14	389.97	19.17
2	23.85	542.64	72.12	470.52	453.36	17.17
2	22.84	629.18	107.59	521.59	516.33	5.26
2	21.84	715.20	136.07	579.13	578.78	0.35
2	20.84	800.76	159.99	640.77	640.77	0.00
2	19.86	885.90	183.56	702.34	702.34	0.00
2	18.88	970.62	207.13	763.49	763.49	0.00
2	17.90	1054.93	230.70	824.23	824.23	0.00
2	16.94	1138.80	254.27	884.53	884.53	0.00
2	15.98	1222.22	274.50	947.72	944.39	3.33
2	15.98	1222.22	274.50	947.72	944.39	3.33
3	14.35	1381.70	317.05	1064.65	1046.19	18.46
3	12.72	1540.74	362.59	1178.15	1147.56	30.59
3	11.11	1699.32	412.41	1286.92	1248.47	38.45
3	9.50	1857.35	468.92	1388.43	1348.83	39.60
3	7.90	2014.87	526.60	1488.27	1448.67	39.60
3	6.30	2171.93	594.68	1577.25	1548.06	29.19
3	4.72	2328.57	660.90	1667.67	1647.02	20.65
3	3.14	2484.78	725.85	1758.94	1745.57	13.37
3	1.57	2640.59	790.17	1850.42	1843.70	6.72
3	0.00	2795.99	854.56	1941.43	1941.43	0.00

Time = 5475. Degree of Consolidation = 67.%

Total Settlement = 0.563

Settlement at End of Primary Consolidation = 0.846

Settlement caused by Primary Consolidation at time 5475. =
0.563

Settlement caused by Secondary Compression at time 5475. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	3.75	1.68	0.37	9.11	9.11	9.11
4	3.62	1.56	0.36	9.11	7.95	7.97
4	3.50	1.46	0.35	9.11	6.81	6.83
4	3.37	1.37	0.33	9.11	5.67	5.69
4	3.25	1.29	0.32	9.11	4.77	4.79
4	3.12	1.22	0.31	9.11	4.75	4.77
4	3.00	1.15	0.30	9.11	4.74	4.76
4	2.87	1.08	0.28	9.11	4.72	4.75
4	2.75	1.01	0.27	9.11	4.60	4.63
4	2.62	0.94	0.26	9.11	4.33	4.36
4	2.50	0.88	0.25	9.11	4.07	4.10
4	2.50	0.88	0.25	9.11	4.10	4.10
4	2.35	0.81	0.23	9.11	3.78	3.78
4	2.20	0.74	0.22	9.11	3.47	3.47
4	2.05	0.67	0.20	9.11	3.20	3.15
4	1.90	0.61	0.19	9.11	2.99	2.83
4	1.75	0.56	0.17	9.11	2.82	2.52
4	1.60	0.50	0.16	9.11	2.68	2.20
4	1.45	0.45	0.14	9.11	2.56	1.88
4	1.30	0.39	0.13	9.11	2.44	1.74

4	1.15	0.34	0.11	9.11	2.34	1.73
4	1.00	0.29	0.10	9.11	2.25	1.72
4	1.00	0.29	0.10	9.11	2.25	1.72
4	0.90	0.26	0.09	9.11	2.19	1.72
4	0.80	0.23	0.08	9.11	2.13	1.71
4	0.70	0.20	0.07	9.11	2.08	1.71
4	0.60	0.17	0.06	9.11	2.02	1.70
4	0.50	0.14	0.05	9.11	1.97	1.70
4	0.40	0.11	0.04	9.11	1.92	1.69
4	0.30	0.08	0.03	9.11	1.87	1.69
4	0.20	0.05	0.02	9.11	1.82	1.68
4	0.10	0.03	0.01	9.11	1.78	1.67
4	0.00	0.00	0.00	9.11	1.74	1.67

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	1.68	0.00	0.00	0.00	0.00	0.00
4	1.56	8.66	1.32	7.34	7.34	0.00
4	1.46	16.46	2.64	13.82	13.82	0.00
4	1.37	23.42	3.96	19.46	19.46	0.00
4	1.29	29.46	5.28	24.18	24.18	0.00
4	1.22	35.23	6.60	28.63	28.63	0.00
4	1.15	40.98	7.92	33.06	33.06	0.00
4	1.08	46.72	9.24	37.48	37.48	0.00
4	1.01	52.41	10.56	41.85	41.85	0.00
4	0.94	57.95	11.88	46.07	46.07	0.00
4	0.88	63.28	13.20	50.08	50.08	0.00

4	0.88	63.28	13.20	50.08	50.08	0.00
4	0.81	69.44	14.78	54.66	54.66	0.00
4	0.74	75.30	16.37	58.94	58.94	0.00
4	0.67	80.89	17.70	63.20	62.94	0.25
4	0.61	86.27	18.73	67.54	66.73	0.80
4	0.56	91.47	19.58	71.89	70.35	1.54
4	0.50	96.52	20.30	76.23	73.82	2.41
4	0.45	101.46	20.92	80.53	77.17	3.37
4	0.39	106.28	21.48	84.80	80.41	4.39
4	0.34	111.01	21.98	89.03	83.55	5.48
4	0.29	115.64	22.44	93.20	86.60	6.60
4	0.29	115.64	22.44	93.20	86.60	6.60
4	0.26	118.69	22.74	95.94	88.59	7.35
4	0.23	121.69	23.04	98.66	90.54	8.12
4	0.20	124.67	23.32	101.35	92.46	8.89
4	0.17	127.61	23.59	104.02	94.34	9.68
4	0.14	130.51	23.85	106.67	96.19	10.48
4	0.11	133.39	24.10	109.29	98.01	11.28
4	0.08	136.23	24.34	111.89	99.79	12.09
4	0.05	139.04	24.58	114.46	101.55	12.91
4	0.03	141.83	24.81	117.01	103.28	13.73
4	0.00	144.58	25.85	118.73	104.98	13.75

Time = 5475. Degree of Consolidation = 96.%

Total Settlement = 2.068

Settlement at End of Primary Consolidation = 2.141

Settlement caused by Primary Consolidation at time 5475. =
2.059

Settlement caused by Secondary Compression at time 5475. =
0.009

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.12

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.43	8.38	19.71	17.38	16.14
1	29.59	29.07	8.36	19.69	17.36	16.12
1	29.19	28.72	8.34	19.66	17.33	16.10
1	28.79	28.36	8.32	19.64	17.31	16.07
1	28.39	28.01	8.30	19.62	17.29	16.05
1	27.99	27.65	8.29	19.60	17.27	16.03
1	27.59	27.30	8.27	19.57	17.24	16.00
1	27.19	26.94	8.25	19.55	17.22	15.98
1	26.79	26.59	8.23	19.53	17.20	15.96
1	26.39	26.24	8.21	19.50	17.17	15.94
1	25.99	25.88	8.19	19.48	17.15	15.91
2	25.99	25.88	8.19	3.08	3.06	3.05
2	24.97	24.86	7.94	3.06	3.04	3.03
2	23.95	23.85	7.68	3.04	3.02	3.01
2	22.93	22.84	7.43	3.02	2.99	2.99
2	21.92	21.84	7.18	3.00	2.96	2.96
2	20.92	20.84	6.93	2.98	2.93	2.93
2	19.92	19.86	6.68	2.95	2.91	2.91

2	18.93	18.88	6.43	2.92	2.88	2.88
2	17.95	17.90	6.17	2.90	2.85	2.85
2	16.97	16.94	5.92	2.87	2.82	2.82
2	16.00	15.98	5.67	2.84	2.79	2.79
3	16.00	15.98	5.67	1.89	1.88	1.88
3	14.36	14.35	5.10	1.88	1.87	1.87
3	12.73	12.72	4.54	1.86	1.86	1.85
3	11.12	11.11	3.97	1.84	1.84	1.83
3	9.51	9.50	3.40	1.83	1.83	1.82
3	7.91	7.90	2.84	1.82	1.82	1.81
3	6.31	6.30	2.27	1.80	1.80	1.80
3	4.73	4.72	1.70	1.79	1.79	1.79
3	3.15	3.14	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.77
3	0.00	0.00	0.00	1.76	1.76	1.76

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.43	144.58	25.85	118.73	104.98	13.75
1	29.07	167.10	26.11	140.99	127.24	13.75
1	28.72	189.59	26.36	163.23	149.48	13.75
1	28.36	212.05	26.61	185.43	171.68	13.75
1	28.01	234.48	26.87	207.61	193.86	13.75
1	27.65	256.88	27.12	229.76	216.01	13.75
1	27.30	279.26	27.38	251.88	238.13	13.75
1	26.94	301.61	27.63	273.98	260.23	13.75
1	26.59	323.93	27.88	296.05	282.29	13.75

1	26.24	346.22	28.14	318.09	304.33	13.75
1	25.88	368.49	28.39	340.10	326.34	13.75
2	25.88	368.49	28.39	340.10	326.34	13.75
2	24.86	455.69	46.55	409.14	389.97	19.17
2	23.85	542.64	72.12	470.52	453.36	17.17
2	22.84	629.18	107.59	521.59	516.33	5.26
2	21.84	715.20	136.07	579.13	578.78	0.35
2	20.84	800.76	159.99	640.77	640.77	0.00
2	19.86	885.90	183.56	702.34	702.34	0.00
2	18.88	970.62	207.13	763.49	763.49	0.00
2	17.90	1054.93	230.70	824.23	824.23	0.00
2	16.94	1138.80	254.27	884.53	884.53	0.00
2	15.98	1222.22	274.50	947.72	944.39	3.33
2	15.98	1222.22	274.50	947.72	944.39	3.33
3	14.35	1381.70	317.05	1064.65	1046.19	18.46
3	12.72	1540.74	362.59	1178.15	1147.56	30.59
3	11.11	1699.32	412.41	1286.92	1248.47	38.45
3	9.50	1857.35	468.92	1388.43	1348.83	39.60
3	7.90	2014.87	526.60	1488.27	1448.67	39.60
3	6.30	2171.93	594.68	1577.25	1548.06	29.19
3	4.72	2328.57	660.90	1667.67	1647.02	20.65
3	3.14	2484.78	725.85	1758.94	1745.57	13.37
3	1.57	2640.59	790.17	1850.42	1843.70	6.72
3	0.00	2795.99	854.56	1941.43	1941.43	0.00

Time = 7200. Degree of Consolidation = 67.%

Total Settlement = 0.563

Settlement at End of Primary Consolidation = 0.846

Settlement caused by Primary Consolidation at time 7200. =
0.563

Settlement caused by Secondary Compression at time 7200. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	3.75	1.68	0.37	9.11	9.11	9.11
4	3.62	1.56	0.36	9.11	7.95	7.97
4	3.50	1.46	0.35	9.11	6.81	6.83
4	3.37	1.37	0.33	9.11	5.67	5.69
4	3.25	1.29	0.32	9.11	4.77	4.79
4	3.12	1.22	0.31	9.11	4.75	4.77
4	3.00	1.15	0.30	9.11	4.74	4.76
4	2.87	1.08	0.28	9.11	4.72	4.75
4	2.75	1.01	0.27	9.11	4.60	4.63
4	2.62	0.94	0.26	9.11	4.33	4.36
4	2.50	0.88	0.25	9.11	4.07	4.10
4	2.50	0.88	0.25	9.11	4.10	4.10
4	2.35	0.81	0.23	9.11	3.78	3.78
4	2.20	0.74	0.22	9.11	3.47	3.47
4	2.05	0.67	0.20	9.11	3.20	3.15
4	1.90	0.61	0.19	9.11	2.99	2.83
4	1.75	0.56	0.17	9.11	2.82	2.52
4	1.60	0.50	0.16	9.11	2.68	2.20

4	1.45	0.45	0.14	9.11	2.56	1.88
4	1.30	0.39	0.13	9.11	2.44	1.74
4	1.15	0.34	0.11	9.11	2.34	1.73
4	1.00	0.29	0.10	9.11	2.25	1.72
4	1.00	0.29	0.10	9.11	2.25	1.72
4	0.90	0.26	0.09	9.11	2.19	1.72
4	0.80	0.23	0.08	9.11	2.13	1.71
4	0.70	0.20	0.07	9.11	2.08	1.71
4	0.60	0.17	0.06	9.11	2.02	1.70
4	0.50	0.14	0.05	9.11	1.97	1.70
4	0.40	0.11	0.04	9.11	1.92	1.69
4	0.30	0.08	0.03	9.11	1.87	1.69
4	0.20	0.05	0.02	9.11	1.82	1.68
4	0.10	0.03	0.01	9.11	1.78	1.67
4	0.00	0.00	0.00	9.11	1.74	1.67

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	1.68	0.00	0.00	0.00	0.00	0.00
4	1.56	8.66	1.32	7.34	7.34	0.00
4	1.46	16.46	2.64	13.82	13.82	0.00
4	1.37	23.42	3.96	19.46	19.46	0.00
4	1.29	29.46	5.28	24.18	24.18	0.00
4	1.22	35.23	6.60	28.63	28.63	0.00
4	1.15	40.98	7.92	33.06	33.06	0.00
4	1.08	46.72	9.24	37.48	37.48	0.00
4	1.01	52.41	10.56	41.85	41.85	0.00

4	0.94	57.95	11.88	46.07	46.07	0.00
4	0.88	63.28	13.20	50.08	50.08	0.00
4	0.88	63.28	13.20	50.08	50.08	0.00
4	0.81	69.44	14.78	54.66	54.66	0.00
4	0.74	75.30	16.37	58.94	58.94	0.00
4	0.67	80.89	17.70	63.20	62.94	0.25
4	0.61	86.27	18.73	67.54	66.73	0.80
4	0.56	91.47	19.58	71.89	70.35	1.54
4	0.50	96.52	20.30	76.23	73.82	2.41
4	0.45	101.46	20.92	80.53	77.17	3.37
4	0.39	106.28	21.48	84.80	80.41	4.39
4	0.34	111.01	21.98	89.03	83.55	5.48
4	0.29	115.64	22.44	93.20	86.60	6.60
4	0.29	115.64	22.44	93.20	86.60	6.60
4	0.26	118.69	22.74	95.94	88.59	7.35
4	0.23	121.69	23.04	98.66	90.54	8.12
4	0.20	124.67	23.32	101.35	92.46	8.89
4	0.17	127.61	23.59	104.02	94.34	9.68
4	0.14	130.51	23.85	106.67	96.19	10.48
4	0.11	133.39	24.10	109.29	98.01	11.28
4	0.08	136.23	24.34	111.89	99.79	12.09
4	0.05	139.04	24.58	114.46	101.55	12.91
4	0.03	141.83	24.81	117.01	103.28	13.73
4	0.00	144.58	25.85	118.73	104.98	13.75

Time = 7200. Degree of Consolidation = 96.%

Total Settlement = 2.068

Settlement at End of Primary Consolidation = 2.141

2.058 Settlement caused by Primary Consolidation at time 7200. =

0.010 Settlement caused by Secondary Compression at time 7200. =

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.12

 Consolidation and desiccation of soft layers---dredged fill

Problem Breton MCA 1- 4.75' FILL

*****Soil data for compressible foundation*****

Material Type	Layer Thickness	Numbers of Sub-layers	Ca/Cc	Cr/Cc	OCR
3	16.00	10	0.040	0.281	1.000
2	10.00	10	0.007	0.054	1.000
1	4.00	10	0.020	0.113	1.000

Material type : 3

Specific Gravity of Solids: 2.63

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	1.910	0.000E	0.339E-03	0.116E-03	-0.402E-04	-0.100E0.116E	
2	1.900	0.100E	0.339E-03	0.117E-03	-0.184E-02	-0.125E0.146E	
3	1.890	0.250E	0.443E-03	0.153E-03	0.557E-03	-0.500E0.766E	
4	1.820	0.500E	0.204E-03	0.723E-04	0.480E-03	-0.469E0.339E	
5	1.730	0.100E	0.209E-03	0.766E-04	0.469E-04	-0.306E0.234E	
6	1.330	0.200E	0.115E-03	0.494E-04	0.680E-04	-0.250E0.123E	

Material type : 2

Specific Gravity of Solids: 2.50

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	3.080	0.000E	0.151E-03	0.370E-04	-0.925E-05	-0.125E0.463E-01	
2	3.000	0.100E	0.151E-03	0.378E-04	-0.113E-02	-0.100E0.378E-01	
3	2.830	0.250E	0.122E-02	0.319E-03	-0.359E-04	-0.755E0.240E	
4	2.470	0.500E	0.197E-03	0.568E-04	0.374E-03	-0.103E0.583E-01	

5 2.100 0.100E 0.140E-03 0.452E-04 0.363E-04-0.197E0.891E-01
 6 1.710 0.200E 0.790E-04 0.292E-04 0.411E-04-0.256E0.747E-01

Material type : 1

Specific Gravity of Solids: 1.21

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	19.710	0.000E	0.100E	0.483E-01	0.529E-02	0.111E0.536E	
2	10.700	0.100E	0.681E-02	0.582E-03	0.437E-02	0.229E0.133E-01	
3	8.810	0.250E	0.681E-02	0.694E-03	0.408E-04	0.102E0.710E-01	
4	6.790	0.500E	0.329E-02	0.422E-03	0.419E-04	0.251E0.106E	
5	5.820	0.100E	0.388E-02	0.569E-03	0.397E-04	0.652E0.371E	
6	4.490	0.200E	0.282E-02	0.514E-03	0.415E-04	0.752E0.386E	

*****Soil data for dredged fill*****

Material Type	Specific Gravity	Ca/Cc	Cr/Cc	Saturation Limit	Disiccation Limit	Max. Crust Depth	Crust at DL
4	2.711	0.011	0.048	4.041	2.154	0.321	0.420

Material type : 4

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	9.110	0.000E	0.100E	0.989E-01	0.217E-01	0.116E0.114E	
2	4.790	0.500E	0.292E-01	0.504E-02	0.225E-01	0.229E0.115E-01	
3	4.740	0.100E	0.300E-02	0.523E-03	0.142E-02	0.656E0.343E-02	
4	1.740	0.250E	0.198E-02	0.723E-03	0.611E-04	0.128E0.926E-02	
5	1.620	0.500E	0.870E-03	0.332E-03	0.133E-02	0.208E0.692E-01	
6	1.380	0.100E	0.577E-03	0.242E-03	0.965E-05	0.333E0.808E-01	
7	1.170	0.200E	0.730E-03	0.336E-03	0.366E-04	0.750E0.252E	
8	0.980	0.400E	0.451E-03	0.228E-03	0.572E-03	0.105E0.240E	

Summary of lifts and print detail

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Time	Material	Fill	# Sub-	Void	Start	Dessic.	Print
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days	Type	Height	layers	ratio	Day	Month	detail
0.	4	1.0	10	9.11	30.	4	1
15.	4	2.0	10	9.11	180.	4	1
30.	4	1.8	10	9.11	180.	4	1
45.					180.	4	1
180.					180.	4	1
365.					180.	4	2
1825.					180.	4	1
3650.					180.	4	1
5475.					180.	4	1
7200.					180.	4	1

Summary of monthly rainfall and evaporation potential

Month	Rainfall	Evaporation
1	0.160	0.190
2	0.230	0.210
3	0.180	0.320
4	0.410	0.430
5	0.290	0.520
6	0.260	0.630
7	0.830	0.600
8	1.250	0.580
9	0.160	0.510
10	0.660	0.380
11	0.150	0.240
12	0.080	0.190

*****Calculation data*****

tau Lower layer Lower layer drainage path

	Void ratio	Permeability	Length
.120E-01	1.910	0.33900E-03	z = 10.31

Summary of desiccation parameters

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Parameter                                     Value
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Surface Drainage Efficiency                   1.00
maximum evaporation efficiency                0.75
time to desic. after initial fill           30.00
month of initial desiccation                 4
elevation of fixed water table              1.00
elevation of top of incompres. found.      -30.00
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*****Initial Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.99	8.38	19.71	19.71	18.76
1	29.59	29.59	8.36	19.69	19.69	18.74
1	29.19	29.19	8.34	19.66	19.66	18.71
1	28.79	28.79	8.32	19.64	19.64	18.69
1	28.39	28.39	8.30	19.62	19.62	18.67
1	27.99	27.99	8.29	19.60	19.60	18.64
1	27.59	27.59	8.27	19.57	19.57	18.62
1	27.19	27.19	8.25	19.55	19.55	18.60
1	26.79	26.79	8.23	19.53	19.53	18.58
1	26.39	26.39	8.21	19.50	19.50	18.55
1	25.99	25.99	8.19	19.48	19.48	18.53

2	25.99	25.99	8.19	3.08	3.08	3.07
2	24.97	24.97	7.94	3.06	3.06	3.05
2	23.95	23.95	7.68	3.04	3.04	3.03
2	22.93	22.93	7.43	3.02	3.02	3.01
2	21.92	21.92	7.18	3.00	3.00	2.99
2	20.92	20.92	6.93	2.98	2.98	2.96
2	19.92	19.92	6.68	2.95	2.95	2.94
2	18.93	18.93	6.43	2.92	2.92	2.91
2	17.95	17.95	6.17	2.90	2.90	2.88
2	16.97	16.97	5.92	2.87	2.87	2.86
2	16.00	16.00	5.67	2.84	2.84	2.83
3	16.00	16.00	5.67	1.89	1.89	1.89
3	14.36	14.36	5.10	1.88	1.88	1.87
3	12.73	12.73	4.54	1.86	1.86	1.86
3	11.12	11.12	3.97	1.84	1.84	1.84
3	9.51	9.51	3.40	1.83	1.83	1.83
3	7.91	7.91	2.84	1.82	1.82	1.81
3	6.31	6.31	2.27	1.80	1.80	1.80
3	4.73	4.73	1.70	1.79	1.79	1.79
3	3.15	3.15	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.77
3	0.00	0.00	0.00	1.76	1.76	1.76

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.99	72.96	0.00	72.96	62.40	10.56
1	29.59	98.30	0.25	98.04	87.48	10.56

1	29.19	123.61	0.51	123.10	112.54	10.56
1	28.79	148.89	0.76	148.13	137.57	10.56
1	28.39	174.15	1.02	173.13	162.57	10.56
1	27.99	199.37	1.27	198.10	187.54	10.56
1	27.59	224.57	1.53	223.05	212.49	10.56
1	27.19	249.74	1.78	247.96	237.40	10.56
1	26.79	274.89	2.04	272.85	262.29	10.56
1	26.39	300.00	2.29	297.71	287.15	10.56
1	25.99	325.09	2.54	322.55	311.99	10.56
1	25.99	325.09	2.54	322.55	311.99	10.56
2	24.97	412.59	26.11	386.47	375.91	10.56
2	23.95	499.79	49.68	450.10	439.54	10.56
2	22.93	586.68	73.25	513.43	502.87	10.56
2	21.92	673.30	96.82	576.48	565.92	10.56
2	20.92	759.56	120.39	639.17	628.61	10.56
2	19.92	845.40	143.96	701.45	690.89	10.56
2	18.93	930.83	167.53	763.30	752.74	10.56
2	17.95	1015.84	191.10	824.74	814.18	10.56
2	16.97	1100.42	214.66	885.76	875.20	10.56
2	16.00	1184.59	238.23	946.36	935.80	10.56
2	16.00	1184.59	238.23	946.36	935.80	10.56
3	14.36	1344.32	295.91	1048.41	1037.85	10.56
3	12.73	1503.51	353.58	1149.93	1139.37	10.56
3	11.12	1662.13	411.25	1250.88	1240.32	10.56
3	9.51	1820.16	468.92	1351.24	1340.68	10.56
3	7.91	1977.67	526.60	1451.07	1440.51	10.56
3	6.31	2134.76	584.27	1550.49	1539.93	10.56

3	4.73	2291.49	641.94	1649.55	1638.99	10.56
3	3.15	2447.86	699.62	1748.24	1737.68	10.56
3	1.57	2603.85	757.29	1846.56	1836.00	10.56
3	0.00	2759.48	814.96	1944.52	1933.96	10.56

Time = 0. Degree of Consolidation = 0.%

Total Settlement = 0.000

Settlement at End of Primary Consolidation = 0.224

Settlement caused by Primary Consolidation at time 0. = 0.000

Settlement caused by Secondary Compression at time 0. = 0.000

*****Initial Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
4	1.00	1.00	0.10	9.11	9.11	9.11
4	0.90	0.90	0.09	9.11	9.11	8.20
4	0.80	0.80	0.08	9.11	9.11	7.29
4	0.70	0.70	0.07	9.11	9.11	6.37
4	0.60	0.60	0.06	9.11	9.11	5.46
4	0.50	0.50	0.05	9.11	9.11	4.79
4	0.40	0.40	0.04	9.11	9.11	4.78
4	0.30	0.30	0.03	9.11	9.11	4.77
4	0.20	0.20	0.02	9.11	9.11	4.76
4	0.10	0.10	0.01	9.11	9.11	4.74
4	0.00	0.00	0.00	9.11	9.11	4.63

***** Stresses *****			***** Pore Pressures *****			
Material	XI	Total	Effective	Total	Static	Excess
	1.00	0.00	0.00	0.00	0.00	0.00
4	0.90	7.30	0.00	7.30	6.24	1.06
4	0.80	14.59	0.00	14.59	12.48	2.11
4	0.70	21.89	0.00	21.89	18.72	3.17
4	0.60	29.18	0.00	29.18	24.96	4.22
4	0.50	36.48	0.00	36.48	31.20	5.28
4	0.40	43.78	0.00	43.78	37.44	6.34
4	0.30	51.07	0.00	51.07	43.68	7.39
4	0.20	58.37	0.00	58.37	49.92	8.45
4	0.10	65.66	0.00	65.66	56.16	9.50
4	0.00	72.96	0.00	72.96	62.40	10.56

Time = 0. Degree of Consolidation = 0.%

Total Settlement = 0.000

Settlement at End of Primary Consolidation = 0.328

Settlement caused by Primary Consolidation at time 0. = 0.000

Settlement caused by Secondary Compression at time 0. = 0.000

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****			***** Void Ratios *****			
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.87	8.38	19.71	19.06	18.76

1	29.59	29.48	8.36	19.69	19.04	18.74
1	29.19	29.09	8.34	19.66	19.02	18.71
1	28.79	28.70	8.32	19.64	19.00	18.69
1	28.39	28.31	8.30	19.62	18.98	18.67
1	27.99	27.92	8.29	19.60	18.96	18.64
1	27.59	27.53	8.27	19.57	18.94	18.62
1	27.19	27.15	8.25	19.55	18.91	18.60
1	26.79	26.76	8.23	19.53	18.89	18.58
1	26.39	26.37	8.21	19.50	18.87	18.55
1	25.99	25.99	8.19	19.48	18.84	18.53
2	25.99	25.99	8.19	3.08	3.07	3.07
2	24.97	24.97	7.94	3.06	3.06	3.05
2	23.95	23.95	7.68	3.04	3.04	3.03
2	22.93	22.93	7.43	3.02	3.02	3.01
2	21.92	21.92	7.18	3.00	3.00	2.99
2	20.92	20.92	6.93	2.98	2.98	2.96
2	19.92	19.92	6.68	2.95	2.95	2.94
2	18.93	18.93	6.43	2.92	2.92	2.91
2	17.95	17.94	6.17	2.90	2.89	2.88
2	16.97	16.97	5.92	2.87	2.87	2.86
2	16.00	16.00	5.67	2.84	2.84	2.83
3	16.00	16.00	5.67	1.89	1.89	1.89
3	14.36	14.36	5.10	1.88	1.88	1.87
3	12.73	12.73	4.54	1.86	1.86	1.86
3	11.12	11.12	3.97	1.84	1.84	1.84
3	9.51	9.51	3.40	1.83	1.83	1.83
3	7.91	7.91	2.84	1.82	1.82	1.81

3	6.31	6.31	2.27	1.80	1.80	1.80
3	4.73	4.73	1.70	1.79	1.79	1.79
3	3.15	3.14	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.77
3	0.00	0.00	0.00	1.76	1.76	1.76

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.87	80.94	7.17	73.78	70.38	3.39
1	29.48	105.50	7.40	98.10	94.68	3.42
1	29.09	130.03	7.64	122.39	118.96	3.43
1	28.70	154.54	7.87	146.66	143.21	3.45
1	28.31	179.02	8.11	170.90	167.44	3.46
1	27.92	203.47	8.36	195.11	191.64	3.48
1	27.53	227.89	8.60	219.29	215.81	3.49
1	27.15	252.29	8.85	243.45	239.95	3.49
1	26.76	276.67	9.10	267.57	264.07	3.50
1	26.37	301.01	9.35	291.66	288.16	3.50
1	25.99	325.33	9.60	315.73	312.22	3.50
2	25.99	325.33	9.60	315.73	312.22	3.50
2	24.97	412.79	26.31	386.48	376.12	10.36
2	23.95	499.99	49.68	450.31	439.75	10.56
2	22.93	586.88	73.25	513.63	503.07	10.56
2	21.92	673.50	96.82	576.68	566.12	10.56
2	20.92	759.75	121.19	638.57	628.80	9.76
2	19.92	845.58	145.14	700.44	691.06	9.37
2	18.93	930.98	169.08	761.91	752.90	9.01

2	17.94	1015.96	192.98	822.98	814.30	8.68
2	16.97	1100.51	216.75	883.76	875.29	8.48
2	16.00	1184.64	240.10	944.54	935.85	8.69
2	16.00	1184.64	240.10	944.54	935.85	8.69
3	14.36	1344.36	296.84	1047.52	1037.89	9.63
3	12.73	1503.54	353.58	1149.96	1139.40	10.56
3	11.12	1662.17	411.25	1250.91	1240.35	10.56
3	9.51	1820.20	468.92	1351.28	1340.72	10.56
3	7.91	1977.71	526.60	1451.11	1440.55	10.56
3	6.31	2134.80	584.70	1550.10	1539.97	10.13
3	4.73	2291.53	642.31	1649.22	1639.03	10.19
3	3.14	2447.89	699.93	1747.96	1737.71	10.25
3	1.57	2603.88	758.42	1845.46	1836.03	9.43
3	0.00	2759.48	825.35	1934.13	1933.96	0.17

Time = 15. Degree of Consolidation = 57.%

Total Settlement = 0.128

Settlement at End of Primary Consolidation = 0.224

Settlement caused by Primary Consolidation at time 15. = 0.128

Settlement caused by Secondary Compression at time 15. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	1.00	0.67	0.10	9.11	9.11	9.11

4	0.90	0.58	0.09	9.11	8.19	8.20
4	0.80	0.49	0.08	9.11	7.28	7.29
4	0.70	0.41	0.07	9.11	6.37	6.37
4	0.60	0.34	0.06	9.11	5.46	5.46
4	0.50	0.28	0.05	9.11	4.78	4.79
4	0.40	0.23	0.04	9.11	4.77	4.78
4	0.30	0.17	0.03	9.11	4.76	4.77
4	0.20	0.11	0.02	9.11	4.75	4.76
4	0.10	0.06	0.01	9.11	4.74	4.74
4	0.00	0.00	0.00	9.11	4.62	4.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	0.67	28.49	0.00	28.49	28.49	0.00
4	0.58	35.50	1.06	34.44	34.44	0.00
4	0.49	41.95	2.11	39.84	39.84	0.00
4	0.41	47.84	3.17	44.67	44.67	0.00
4	0.34	53.16	4.22	48.93	48.93	0.00
4	0.28	57.92	5.28	52.64	52.64	0.00
4	0.23	62.55	6.34	56.21	56.21	0.00
4	0.17	67.16	7.39	59.77	59.77	0.00
4	0.11	71.77	8.45	63.32	63.32	0.00
4	0.06	76.37	9.50	66.87	66.87	0.00
4	0.00	80.94	10.56	70.38	70.38	0.00

Time = 15. Degree of Consolidation = 100.%

Total Settlement = 0.329

Settlement at End of Primary Consolidation = 0.328

0.328 Settlement caused by Primary Consolidation at time 15. =

0.000 Settlement caused by Secondary Compression at time 15. =

Surface Elevation = 0.54

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.79	8.38	19.71	18.72	16.86
1	29.59	29.41	8.36	19.69	18.70	16.83
1	29.19	29.03	8.34	19.66	18.68	16.81
1	28.79	28.65	8.32	19.64	18.66	16.79
1	28.39	28.27	8.30	19.62	18.63	16.76
1	27.99	27.88	8.29	19.60	18.61	16.74
1	27.59	27.50	8.27	19.57	18.59	16.72
1	27.19	27.12	8.25	19.55	18.57	16.69
1	26.79	26.74	8.23	19.53	18.55	16.67
1	26.39	26.36	8.21	19.50	18.52	16.65
1	25.99	25.99	8.19	19.48	18.50	16.63
2	25.99	25.99	8.19	3.08	3.07	3.05
2	24.97	24.96	7.94	3.06	3.06	3.03
2	23.95	23.94	7.68	3.04	3.04	3.01
2	22.93	22.93	7.43	3.02	3.02	2.99
2	21.92	21.92	7.18	3.00	3.00	2.97
2	20.92	20.91	6.93	2.98	2.98	2.94

2	19.92	19.92	6.68	2.95	2.95	2.91
2	18.93	18.92	6.43	2.92	2.92	2.89
2	17.95	17.94	6.17	2.90	2.89	2.86
2	16.97	16.96	5.92	2.87	2.87	2.83
2	16.00	15.99	5.67	2.84	2.84	2.80
2	16.00	15.99	5.67	1.89	1.89	1.88
3	14.36	14.36	5.10	1.88	1.88	1.87
3	12.73	12.73	4.54	1.86	1.86	1.85
3	11.12	11.11	3.97	1.84	1.84	1.84
3	9.51	9.51	3.40	1.83	1.83	1.82
3	7.91	7.91	2.84	1.82	1.82	1.81
3	6.31	6.31	2.27	1.80	1.80	1.80
3	4.73	4.73	1.70	1.79	1.79	1.79
3	3.15	3.14	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.77
3	0.00	0.00	0.00	1.76	1.76	1.76

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.79	143.66	11.00	132.66	111.98	20.68
1	29.41	167.80	11.23	156.57	135.86	20.70
1	29.03	191.91	11.47	180.44	159.72	20.72
1	28.65	216.00	11.70	204.30	183.55	20.74
1	28.27	240.06	11.94	228.12	207.36	20.76
1	27.88	264.10	12.18	251.91	231.14	20.77
1	27.50	288.10	12.43	275.68	254.90	20.78
1	27.12	312.09	12.67	299.41	278.62	20.79

1	26.74	336.04	12.92	323.12	302.32	20.79
1	26.36	359.97	13.17	346.79	326.00	20.80
1	25.99	383.87	13.43	370.44	349.64	20.80
2	25.99	383.87	13.43	370.44	349.64	20.80
2	24.96	471.30	27.18	444.13	413.51	30.62
2	23.94	558.50	49.68	508.82	477.13	31.68
2	22.93	645.39	73.25	572.13	540.45	31.68
2	21.92	732.01	96.95	635.06	603.51	31.56
2	20.91	818.25	122.00	696.25	666.18	30.07
2	19.92	904.06	146.39	757.67	728.42	29.25
2	18.92	989.44	170.67	818.77	790.23	28.54
2	17.94	1074.38	194.81	879.57	851.61	27.97
2	16.96	1158.90	218.60	940.30	912.56	27.74
2	15.99	1243.00	241.73	1001.27	973.09	28.19
2	15.99	1243.00	241.73	1001.27	973.09	28.19
3	14.36	1402.71	297.41	1105.31	1075.13	30.18
3	12.73	1561.89	353.58	1208.32	1176.63	31.68
3	11.11	1720.52	411.25	1309.27	1277.58	31.68
3	9.51	1878.55	468.92	1409.63	1377.95	31.68
3	7.91	2036.06	526.60	1509.46	1477.78	31.68
3	6.31	2193.15	585.03	1608.12	1577.20	30.92
3	4.73	2349.88	642.69	1707.19	1676.25	30.93
3	3.14	2506.23	700.53	1805.71	1774.94	30.77
3	1.57	2662.22	760.77	1901.45	1873.25	28.20
3	0.00	2817.79	833.48	1984.30	1971.14	13.16

Time = 30. Degree of Consolidation = 29.%

Total Settlement = 0.199

Settlement at End of Primary Consolidation = 0.676

Settlement caused by Primary Consolidation at time 30. =
0.199

Settlement caused by Secondary Compression at time 30. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	3.00	1.79	0.30	9.11	9.11	9.11
4	2.80	1.61	0.28	9.11	7.37	7.29
4	2.60	1.46	0.26	9.11	5.79	5.46
4	2.40	1.34	0.24	9.11	4.78	4.78
4	2.20	1.23	0.22	9.11	4.76	4.76
4	2.00	1.11	0.20	9.11	4.75	4.63
4	1.80	1.00	0.18	9.11	4.74	4.21
4	1.60	0.89	0.16	9.11	4.74	3.78
4	1.40	0.77	0.14	9.11	4.71	3.36
4	1.20	0.66	0.12	9.11	4.67	2.94
4	1.00	0.55	0.10	9.11	4.60	2.52
4	1.00	0.55	0.10	9.11	4.60	2.52
4	0.90	0.49	0.09	9.11	4.57	2.30
4	0.80	0.44	0.08	9.11	4.53	2.09
4	0.70	0.38	0.07	9.11	4.51	1.88
4	0.60	0.33	0.06	9.11	4.49	1.74
4	0.50	0.28	0.05	9.11	4.54	1.73

4	0.40	0.22	0.04	9.11	4.57	1.73
4	0.30	0.17	0.03	9.11	4.58	1.72
4	0.20	0.11	0.02	9.11	4.58	1.72
4	0.10	0.05	0.01	9.11	4.56	1.71
4	0.00	0.00	0.00	9.11	4.54	1.71

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	1.79	0.00	0.00	0.00	0.00	0.00
4	1.61	13.52	2.01	11.51	11.41	0.10
4	1.46	24.96	3.84	21.12	20.74	0.39
4	1.34	34.63	6.34	28.29	28.29	0.00
4	1.23	43.86	8.45	35.41	35.41	0.00
4	1.11	53.07	9.19	43.88	42.51	1.37
4	1.00	62.27	9.65	52.62	49.60	3.02
4	0.89	71.47	10.02	61.45	56.68	4.76
4	0.77	80.65	10.14	70.51	63.75	6.76
4	0.66	89.79	10.37	79.42	70.78	8.64
4	0.55	98.85	10.70	88.15	77.73	10.42
4	0.55	98.85	10.70	88.15	77.73	10.42
4	0.49	103.35	10.87	92.48	81.18	11.31
4	0.44	107.84	11.03	96.81	84.60	12.21
4	0.38	112.31	11.16	101.14	88.02	13.13
4	0.33	116.75	11.27	105.48	91.40	14.07
4	0.28	121.21	11.02	110.19	94.81	15.38
4	0.22	125.69	10.87	114.82	98.23	16.59
4	0.17	130.19	10.81	119.38	101.67	17.71

4	0.11	134.69	10.82	123.87	105.12	18.75
4	0.05	139.18	10.89	128.29	108.55	19.74
4	0.00	143.66	11.00	132.66	111.98	20.68

Time = 30. Degree of Consolidation = 76.%

Total Settlement = 1.205

Settlement at End of Primary Consolidation = 1.589

Settlement caused by Primary Consolidation at time 30. = 1.205

Settlement caused by Secondary Compression at time 30. = 0.000

Surface Elevation = 1.60

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****			***** Void Ratios *****			
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.78	8.38	19.71	18.65	15.19
1	29.59	29.40	8.36	19.69	18.63	15.17
1	29.19	29.02	8.34	19.66	18.61	15.14
1	28.79	28.63	8.32	19.64	18.59	15.12
1	28.39	28.25	8.30	19.62	18.57	15.10
1	27.99	27.87	8.29	19.60	18.54	15.08
1	27.59	27.50	8.27	19.57	18.52	15.05
1	27.19	27.12	8.25	19.55	18.50	15.03
1	26.79	26.74	8.23	19.53	18.48	15.01
1	26.39	26.36	8.21	19.50	18.46	14.98
1	25.99	25.98	8.19	19.48	18.43	14.96

2	25.99	25.98	8.19	3.08	3.07	3.04
2	24.97	24.96	7.94	3.06	3.06	3.02
2	23.95	23.94	7.68	3.04	3.04	3.00
2	22.93	22.92	7.43	3.02	3.02	2.97
2	21.92	21.91	7.18	3.00	3.00	2.95
2	20.92	20.91	6.93	2.98	2.97	2.92
2	19.92	19.91	6.68	2.95	2.95	2.89
2	18.93	18.92	6.43	2.92	2.92	2.87
2	17.95	17.94	6.17	2.90	2.89	2.84
2	16.97	16.96	5.92	2.87	2.86	2.81
2	16.00	15.99	5.67	2.84	2.84	2.77
3	16.00	15.99	5.67	1.89	1.89	1.88
3	14.36	14.36	5.10	1.88	1.88	1.86
3	12.73	12.73	4.54	1.86	1.86	1.85
3	11.12	11.11	3.97	1.84	1.84	1.83
3	9.51	9.51	3.40	1.83	1.83	1.82
3	7.91	7.91	2.84	1.82	1.82	1.81
3	6.31	6.31	2.27	1.80	1.80	1.80
3	4.73	4.73	1.70	1.79	1.79	1.79
3	3.15	3.14	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.76
3	0.00	0.00	0.00	1.76	1.76	1.75

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.78	222.79	11.75	211.04	172.63	38.41
1	29.40	246.85	11.98	234.86	196.43	38.44

1	29.02	270.88	12.22	258.66	220.21	38.46
1	28.63	294.88	12.45	282.43	243.96	38.47
1	28.25	318.86	12.69	306.17	267.68	38.49
1	27.87	342.82	12.93	329.88	291.38	38.50
1	27.50	366.74	13.18	353.57	315.05	38.51
1	27.12	390.64	13.42	377.22	338.70	38.52
1	26.74	414.51	13.67	400.84	362.32	38.53
1	26.36	438.36	13.92	424.44	385.91	38.53
1	25.98	462.18	14.18	448.00	409.47	38.53
1	25.98	462.18	14.18	448.00	409.47	38.53
2	24.96	549.60	27.95	521.65	473.33	48.32
2	23.94	636.79	49.68	587.11	536.95	50.16
2	22.92	723.68	73.25	650.43	600.27	50.16
2	21.91	810.30	97.21	713.09	663.32	49.77
2	20.91	896.54	122.86	773.67	725.98	47.69
2	19.91	982.33	147.69	834.64	788.21	46.43
2	18.92	1067.68	172.27	895.41	849.99	45.42
2	17.94	1152.59	196.55	956.04	911.33	44.71
2	16.96	1237.08	220.29	1016.79	972.25	44.53
2	15.99	1321.15	243.19	1077.96	1032.76	45.21
2	15.99	1321.15	243.19	1077.96	1032.76	45.21
3	14.36	1480.86	297.82	1183.04	1134.79	48.25
3	12.73	1640.04	353.58	1286.46	1236.30	50.16
3	11.11	1798.66	411.25	1387.41	1337.25	50.16
3	9.51	1956.70	468.92	1487.77	1437.61	50.16
3	7.91	2114.20	526.60	1587.60	1537.44	50.16
3	6.31	2271.29	585.31	1685.98	1636.86	49.12

3	4.73	2428.02	643.13	1784.89	1735.91	48.97
3	3.14	2584.37	701.46	1882.91	1834.59	48.32
3	1.57	2740.34	763.69	1976.66	1932.89	43.76
3	0.00	2895.88	840.38	2055.50	2030.76	24.74

Time = 45. Degree of Consolidation = 20.%

Total Settlement = 0.215

Settlement at End of Primary Consolidation = 1.073

Settlement caused by Primary Consolidation at time 45. = 0.215

Settlement caused by Secondary Compression at time 45. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.75	2.77	0.47	9.11	9.11	9.11
4	4.57	2.61	0.45	9.11	7.53	7.51
4	4.40	2.47	0.44	9.11	6.03	5.92
4	4.22	2.36	0.42	9.11	4.79	4.78
4	4.05	2.26	0.40	9.11	4.77	4.77
4	3.87	2.16	0.38	9.11	4.75	4.75
4	3.70	2.06	0.37	9.11	4.75	4.52
4	3.52	1.96	0.35	9.11	4.75	4.15
4	3.35	1.86	0.33	9.11	4.75	3.78
4	3.18	1.77	0.31	9.11	4.75	3.41
4	3.00	1.67	0.30	9.11	4.75	3.04

4	3.00	1.67	0.30	9.11	4.75	3.04
4	2.80	1.55	0.28	9.11	4.74	2.62
4	2.60	1.44	0.26	9.11	4.74	2.20
4	2.40	1.33	0.24	9.11	4.74	1.78
4	2.20	1.21	0.22	9.11	4.73	1.73
4	2.00	1.10	0.20	9.11	4.71	1.72
4	1.80	0.99	0.18	9.11	4.69	1.71
4	1.60	0.87	0.16	9.11	4.65	1.70
4	1.40	0.76	0.14	9.11	4.61	1.69
4	1.20	0.65	0.12	9.11	4.57	1.68
4	1.00	0.54	0.10	9.11	4.54	1.67
4	1.00	0.54	0.10	9.11	4.54	1.67
4	0.90	0.49	0.09	9.11	4.52	1.66
4	0.80	0.43	0.08	9.11	4.51	1.66
4	0.70	0.38	0.07	9.11	4.49	1.65
4	0.60	0.32	0.06	9.11	4.49	1.65
4	0.50	0.27	0.05	9.11	4.48	1.64
4	0.40	0.22	0.04	9.11	4.48	1.64
4	0.30	0.16	0.03	9.11	4.46	1.63
4	0.20	0.11	0.02	9.11	4.44	1.63
4	0.10	0.05	0.01	9.11	4.42	1.62
4	0.00	0.00	0.00	9.11	4.39	1.62

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.77	0.00	0.00	0.00	0.00	0.00
4	2.61	11.88	1.83	10.06	10.04	0.02

4	2.47	22.15	3.57	18.59	18.46	0.13
4	2.36	30.71	5.00	25.71	25.17	0.55
4	2.26	38.80	7.39	31.41	31.41	0.00
4	2.16	46.87	8.61	38.26	37.63	0.63
4	2.06	54.93	8.73	46.20	43.84	2.36
4	1.96	62.99	8.89	54.10	50.05	4.05
4	1.86	71.05	9.05	62.00	56.26	5.73
4	1.77	79.11	9.21	69.89	62.47	7.42
4	1.67	87.16	9.39	77.78	68.68	9.09
4	1.67	87.16	9.39	77.78	68.68	9.09
4	1.55	96.37	9.58	86.78	75.77	11.01
4	1.44	105.57	9.84	95.73	82.86	12.86
4	1.33	114.76	10.01	104.75	89.95	14.80
4	1.21	123.95	10.06	113.89	97.02	16.87
4	1.10	133.13	10.14	122.99	104.09	18.90
4	0.99	142.28	10.27	132.01	111.12	20.89
4	0.87	151.39	10.44	140.95	118.12	22.83
4	0.76	160.45	10.64	149.82	125.07	24.74
4	0.65	169.47	10.84	158.63	131.98	26.65
4	0.54	178.44	11.02	167.42	138.83	28.59
4	0.54	178.44	11.02	167.42	138.83	28.59
4	0.49	182.90	11.10	171.80	142.25	29.55
4	0.43	187.36	11.17	176.19	145.65	30.54
4	0.38	191.81	11.23	180.58	149.04	31.54
4	0.32	196.26	11.27	184.99	152.43	32.56
4	0.27	200.70	11.29	189.41	155.82	33.59
4	0.22	205.14	11.32	193.81	159.20	34.61

4	0.16	209.57	11.39	198.18	162.57	35.61
4	0.11	213.99	11.48	202.51	165.94	36.57
4	0.05	218.40	11.60	206.79	169.29	37.50
4	0.00	222.79	11.75	211.04	172.63	38.41

Time = 45. Degree of Consolidation = 69.%

Total Settlement = 1.984

Settlement at End of Primary Consolidation = 2.882

Settlement caused by Primary Consolidation at time 45. = 1.983

Settlement caused by Secondary Compression at time 45. = 0.000

Surface Elevation = 2.55

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****			***** Void Ratios *****			
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.64	8.38	19.71	18.06	15.19
1	29.59	29.27	8.36	19.69	18.04	15.17
1	29.19	28.90	8.34	19.66	18.02	15.14
1	28.79	28.53	8.32	19.64	18.00	15.12
1	28.39	28.16	8.30	19.62	17.98	15.10
1	27.99	27.79	8.29	19.60	17.96	15.08
1	27.59	27.42	8.27	19.57	17.93	15.05
1	27.19	27.05	8.25	19.55	17.91	15.03
1	26.79	26.69	8.23	19.53	17.89	15.01
1	26.39	26.32	8.21	19.50	17.87	14.98

1	25.99	25.95	8.19	19.48	17.84	14.96
2	25.99	25.95	8.19	3.08	3.06	3.04
2	24.97	24.93	7.94	3.06	3.05	3.02
2	23.95	23.91	7.68	3.04	3.04	3.00
2	22.93	22.90	7.43	3.02	3.02	2.97
2	21.92	21.89	7.18	3.00	3.00	2.95
2	20.92	20.89	6.93	2.98	2.96	2.92
2	19.92	19.89	6.68	2.95	2.93	2.89
2	18.93	18.90	6.43	2.92	2.90	2.87
2	17.95	17.93	6.17	2.90	2.88	2.84
2	16.97	16.95	5.92	2.87	2.85	2.81
2	16.00	15.99	5.67	2.84	2.82	2.77
3	16.00	15.99	5.67	1.89	1.89	1.88
3	14.36	14.35	5.10	1.88	1.88	1.86
3	12.73	12.73	4.54	1.86	1.86	1.85
3	11.12	11.11	3.97	1.84	1.84	1.83
3	9.51	9.50	3.40	1.83	1.83	1.82
3	7.91	7.90	2.84	1.82	1.82	1.81
3	6.31	6.31	2.27	1.80	1.80	1.80
3	4.73	4.72	1.70	1.79	1.79	1.79
3	3.15	3.14	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.76
3	0.00	0.00	0.00	1.76	1.75	1.75

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.64	204.95	18.28	186.67	154.79	31.88

1	29.27	228.30	18.51	209.78	177.88	31.90
1	28.90	251.61	18.75	232.87	200.94	31.92
1	28.53	274.91	18.98	255.93	223.98	31.94
1	28.16	298.17	19.22	278.95	246.99	31.96
1	27.79	321.41	19.46	301.95	269.98	31.97
1	27.42	344.63	19.70	324.92	292.94	31.99
1	27.05	367.82	19.95	347.87	315.87	32.00
1	26.69	390.98	20.20	370.78	338.78	32.00
1	26.32	414.11	20.45	393.66	361.66	32.00
1	25.95	437.21	20.70	416.51	384.51	32.01
1	25.95	437.21	20.70	416.51	384.51	32.01
2	24.93	524.56	32.31	492.25	448.29	43.96
2	23.91	611.73	49.68	562.05	511.88	50.16
2	22.90	698.63	73.25	625.38	575.21	50.16
2	21.89	785.21	102.60	682.62	638.23	44.39
2	20.89	871.31	132.27	739.05	700.76	38.29
2	19.89	956.91	159.38	797.54	762.79	34.74
2	18.90	1042.05	184.94	857.11	824.36	32.75
2	17.93	1126.74	209.18	917.55	885.48	32.07
2	16.95	1211.00	232.22	978.79	946.18	32.61
2	15.99	1294.87	253.58	1041.29	1006.47	34.82
2	15.99	1294.87	253.58	1041.29	1006.47	34.82
3	14.35	1454.53	300.96	1153.56	1108.46	45.10
3	12.73	1613.70	353.58	1260.12	1209.95	50.16
3	11.11	1772.32	411.25	1361.07	1310.91	50.16
3	9.50	1930.36	468.92	1461.43	1411.27	50.16
3	7.90	2087.86	526.60	1561.26	1511.10	50.16

3	6.31	2244.94	588.63	1656.32	1610.51	45.81
3	4.72	2401.63	650.68	1750.95	1709.53	41.42
3	3.14	2557.92	715.71	1842.21	1808.14	34.07
3	1.57	2713.77	786.82	1926.95	1906.32	20.63
3	0.00	2869.15	865.12	2004.03	2004.03	0.00

Time = 180. Degree of Consolidation = 33.%

Total Settlement = 0.358

Settlement at End of Primary Consolidation = 1.073

Settlement caused by Primary Consolidation at time 180. = 0.358

Settlement caused by Secondary Compression at time 180. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.75	2.48	0.47	9.11	9.11	9.11
4	4.57	2.32	0.45	9.11	7.53	7.51
4	4.40	2.19	0.44	9.11	6.02	5.92
4	4.22	2.08	0.42	9.11	4.78	4.78
4	4.05	1.98	0.40	9.11	4.77	4.77
4	3.87	1.88	0.38	9.11	4.75	4.75
4	3.70	1.78	0.37	9.11	4.56	4.52
4	3.52	1.68	0.35	9.11	4.44	4.15
4	3.35	1.59	0.33	9.11	4.37	3.78
4	3.18	1.50	0.31	9.11	4.31	3.41

4	3.00	1.41	0.30	9.11	4.26	3.04
4	3.00	1.41	0.30	9.11	4.26	3.04
4	2.80	1.30	0.28	9.11	4.20	2.62
4	2.60	1.20	0.26	9.11	4.14	2.20
4	2.40	1.10	0.24	9.11	4.09	1.78
4	2.20	1.00	0.22	9.11	4.02	1.73
4	2.00	0.90	0.20	9.11	3.96	1.72
4	1.80	0.80	0.18	9.11	3.89	1.71
4	1.60	0.71	0.16	9.11	3.82	1.70
4	1.40	0.61	0.14	9.11	3.74	1.69
4	1.20	0.52	0.12	9.11	3.66	1.68
4	1.00	0.43	0.10	9.11	3.57	1.67
4	1.00	0.43	0.10	9.11	3.57	1.67
4	0.90	0.38	0.09	9.11	3.53	1.66
4	0.80	0.34	0.08	9.11	3.49	1.66
4	0.70	0.30	0.07	9.11	3.44	1.65
4	0.60	0.25	0.06	9.11	3.40	1.65
4	0.50	0.21	0.05	9.11	3.35	1.64
4	0.40	0.17	0.04	9.11	3.30	1.64
4	0.30	0.12	0.03	9.11	3.25	1.63
4	0.20	0.08	0.02	9.11	3.19	1.63
4	0.10	0.04	0.01	9.11	3.14	1.62
4	0.00	0.00	0.00	9.11	3.08	1.62

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.48	0.00	0.00	0.00	0.00	0.00

4	2.32	11.88	1.83	10.05	10.03	0.01
4	2.19	22.14	3.58	18.56	18.44	0.12
4	2.08	30.69	5.54	25.15	25.15	0.00
4	1.98	38.77	7.39	31.38	31.38	0.00
4	1.88	46.87	9.24	37.63	37.63	0.00
4	1.78	54.82	10.91	43.91	43.73	0.17
4	1.68	62.60	11.49	51.11	49.67	1.44
4	1.59	70.29	11.86	58.42	55.50	2.92
4	1.50	77.90	12.15	65.75	61.27	4.48
4	1.41	85.46	12.40	73.06	66.97	6.08
4	1.41	85.46	12.40	73.06	66.97	6.08
4	1.30	94.03	12.69	81.34	73.43	7.91
4	1.20	102.52	12.98	89.55	79.82	9.73
4	1.10	110.95	13.27	97.68	86.13	11.54
4	1.00	119.30	13.59	105.72	92.37	13.34
4	0.90	127.57	13.91	113.66	98.53	15.13
4	0.80	135.76	14.26	121.50	104.61	16.89
4	0.71	143.86	14.62	129.24	110.60	18.64
4	0.61	151.87	15.01	136.87	116.50	20.37
4	0.52	159.79	15.41	144.38	122.30	22.08
4	0.43	167.60	15.83	151.77	128.00	23.77
4	0.43	167.60	15.83	151.77	128.00	23.77
4	0.38	171.46	16.04	155.42	130.81	24.62
4	0.34	175.30	16.26	159.04	133.59	25.45
4	0.30	179.12	16.49	162.63	136.35	26.28
4	0.25	182.90	16.72	166.18	139.07	27.11
4	0.21	186.65	16.96	169.69	141.77	27.92

4	0.17	190.38	17.21	173.17	144.44	28.73
4	0.12	194.07	17.47	176.61	147.08	29.53
4	0.08	197.73	17.73	180.00	149.68	30.32
4	0.04	201.36	18.00	183.36	152.25	31.10
4	0.00	204.95	18.28	186.67	154.79	31.88

Time = 180. Degree of Consolidation = 79.%

Total Settlement = 2.269

Settlement at End of Primary Consolidation = 2.882

Settlement caused by Primary Consolidation at time 180. = 2.269

Settlement caused by Secondary Compression at time 180. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 2.12

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.46	8.38	19.71	17.39	15.19
1	29.59	29.10	8.36	19.69	17.37	15.17
1	29.19	28.75	8.34	19.66	17.34	15.14
1	28.79	28.39	8.32	19.64	17.32	15.12
1	28.39	28.04	8.30	19.62	17.30	15.10
1	27.99	27.68	8.29	19.60	17.28	15.08
1	27.59	27.33	8.27	19.57	17.25	15.05
1	27.19	26.97	8.25	19.55	17.23	15.03

1	26.79	26.62	8.23	19.53	17.21	15.01
1	26.39	26.27	8.21	19.50	17.19	14.98
1	25.99	25.91	8.19	19.48	17.16	14.96
2	25.99	25.91	8.19	3.08	3.06	3.04
2	24.97	24.89	7.94	3.06	3.05	3.02
2	23.95	23.87	7.68	3.04	3.04	3.00
2	22.93	22.86	7.43	3.02	3.02	2.97
2	21.92	21.85	7.18	3.00	2.98	2.95
2	20.92	20.85	6.93	2.98	2.95	2.92
2	19.92	19.86	6.68	2.95	2.91	2.89
2	18.93	18.88	6.43	2.92	2.88	2.87
2	17.95	17.91	6.17	2.90	2.86	2.84
2	16.97	16.94	5.92	2.87	2.83	2.81
2	16.00	15.98	5.67	2.84	2.80	2.77
3	16.00	15.98	5.67	1.89	1.88	1.88
3	14.36	14.35	5.10	1.88	1.87	1.86
3	12.73	12.72	4.54	1.86	1.86	1.85
3	11.12	11.10	3.97	1.84	1.84	1.83
3	9.51	9.50	3.40	1.83	1.83	1.82
3	7.91	7.90	2.84	1.82	1.82	1.81
3	6.31	6.30	2.27	1.80	1.80	1.80
3	4.73	4.72	1.70	1.79	1.79	1.79
3	3.15	3.14	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.76
3	0.00	0.00	0.00	1.76	1.75	1.75

Time = 365. Degree of Consolidation = 50.%

Total Settlement = 0.531

Settlement at End of Primary Consolidation = 1.073

0.531 Settlement caused by Primary Consolidation at time 365. =

0.000 Settlement caused by Secondary Compression at time 365. =

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.75	2.04	0.47	9.11	9.11	9.11
4	4.57	1.88	0.45	9.11	7.51	7.51
4	4.40	1.74	0.44	9.11	5.92	5.92
4	4.22	1.64	0.42	9.11	4.78	4.78
4	4.05	1.54	0.40	9.11	4.76	4.77
4	3.87	1.44	0.38	9.11	4.75	4.75
4	3.70	1.34	0.37	9.11	4.52	4.52
4	3.52	1.25	0.35	9.11	4.15	4.15
4	3.35	1.16	0.33	9.11	3.78	3.78
4	3.18	1.08	0.31	9.11	3.41	3.41
4	3.00	1.01	0.30	9.11	3.04	3.04
4	3.00	1.01	0.30	9.11	3.04	3.04
4	2.80	0.93	0.28	9.11	2.94	2.62
4	2.60	0.85	0.26	9.11	2.86	2.20
4	2.40	0.78	0.24	9.11	2.78	1.78
4	2.20	0.70	0.22	9.11	2.70	1.73
4	2.00	0.63	0.20	9.11	2.62	1.72

4	1.80	0.56	0.18	9.11	2.54	1.71
4	1.60	0.49	0.16	9.11	2.46	1.70
4	1.40	0.42	0.14	9.11	2.37	1.69
4	1.20	0.36	0.12	9.11	2.28	1.68
4	1.00	0.29	0.10	9.11	2.19	1.67
4	1.00	0.29	0.10	9.11	2.19	1.67
4	0.90	0.26	0.09	9.11	2.14	1.66
4	0.80	0.23	0.08	9.11	2.10	1.66
4	0.70	0.20	0.07	9.11	2.05	1.65
4	0.60	0.17	0.06	9.11	2.01	1.65
4	0.50	0.14	0.05	9.11	1.96	1.64
4	0.40	0.11	0.04	9.11	1.91	1.64
4	0.30	0.08	0.03	9.11	1.87	1.63
4	0.20	0.05	0.02	9.11	1.82	1.63
4	0.10	0.03	0.01	9.11	1.78	1.62
4	0.00	0.00	0.00	9.11	1.74	1.62

Time = 365. Degree of Consolidation = 94.%

Total Settlement = 2.712

Settlement at End of Primary Consolidation = 2.882

Settlement caused by Primary Consolidation at time 365. = 2.710

Settlement caused by Secondary Compression at time 365. = 0.001

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.51

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****

***** Void Ratios *****

	A	XI	Z	Einitial	E	Eeop
Material						
1	29.99	29.40	8.38	19.71	17.37	15.19
1	29.59	29.04	8.36	19.69	17.35	15.17
1	29.19	28.68	8.34	19.66	17.33	15.14
1	28.79	28.33	8.32	19.64	17.30	15.12
1	28.39	27.97	8.30	19.62	17.28	15.10
1	27.99	27.62	8.29	19.60	17.26	15.08
1	27.59	27.26	8.27	19.57	17.23	15.05
1	27.19	26.91	8.25	19.55	17.21	15.03
1	26.79	26.56	8.23	19.53	17.19	15.01
1	26.39	26.20	8.21	19.50	17.17	14.98
1	25.99	25.85	8.19	19.48	17.14	14.96
2	25.99	25.85	8.19	3.08	3.06	3.04
2	24.97	24.83	7.94	3.06	3.04	3.02
2	23.95	23.82	7.68	3.04	3.01	3.00
2	22.93	22.81	7.43	3.02	2.98	2.97
2	21.92	21.81	7.18	3.00	2.95	2.95
2	20.92	20.82	6.93	2.98	2.92	2.92
2	19.92	19.84	6.68	2.95	2.89	2.89
2	18.93	18.86	6.43	2.92	2.87	2.87
2	17.95	17.89	6.17	2.90	2.84	2.84
2	16.97	16.93	5.92	2.87	2.81	2.81
2	16.00	15.97	5.67	2.84	2.78	2.77
3	16.00	15.97	5.67	1.89	1.88	1.88
3	14.36	14.34	5.10	1.88	1.87	1.86

3	12.73	12.72	4.54	1.86	1.86	1.85
3	11.12	11.10	3.97	1.84	1.84	1.83
3	9.51	9.49	3.40	1.83	1.83	1.82
3	7.91	7.89	2.84	1.82	1.82	1.81
3	6.31	6.30	2.27	1.80	1.80	1.80
3	4.73	4.72	1.70	1.79	1.79	1.79
3	3.15	3.14	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.76
3	0.00	0.00	0.00	1.76	1.75	1.75

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.40	174.35	25.96	148.40	124.19	24.21
1	29.04	196.86	26.21	170.65	146.44	24.21
1	28.68	219.33	26.46	192.87	168.66	24.21
1	28.33	241.78	26.72	215.06	190.86	24.21
1	27.97	264.20	26.97	237.23	213.02	24.21
1	27.62	286.60	27.23	259.37	235.16	24.21
1	27.26	308.96	27.48	281.48	257.27	24.21
1	26.91	331.30	27.74	303.56	279.36	24.21
1	26.56	353.61	27.99	325.62	301.41	24.21
1	26.20	375.89	28.24	347.65	323.44	24.21
1	25.85	398.15	28.50	369.65	345.44	24.21
1	25.85	398.15	28.50	369.65	345.44	24.21
2	24.83	485.32	50.89	434.43	409.05	25.38
2	23.82	572.17	83.83	488.35	472.33	16.02
2	22.81	658.52	119.57	538.95	535.10	3.84

2	21.81	744.34	146.98	597.35	597.35	0.00
2	20.82	829.71	170.55	659.16	659.16	0.00
2	19.84	914.66	194.12	720.54	720.54	0.00
2	18.86	999.19	217.69	781.50	781.50	0.00
2	17.89	1083.31	241.26	842.05	842.05	0.00
2	16.93	1166.99	262.47	904.53	902.17	2.36
2	15.97	1250.24	282.34	967.89	961.84	6.05
2	15.97	1250.24	282.34	967.89	961.84	6.05
3	14.34	1409.64	323.44	1086.20	1063.57	22.63
3	12.72	1568.63	367.31	1201.31	1164.88	36.43
3	11.10	1727.17	415.09	1312.08	1265.76	46.32
3	9.49	1885.19	468.92	1416.26	1366.10	50.16
3	7.89	2042.70	526.60	1516.11	1465.94	50.16
3	6.30	2199.76	596.59	1603.17	1565.33	37.84
3	4.72	2356.38	664.77	1691.61	1664.27	27.33
3	3.14	2512.57	731.78	1780.78	1762.79	18.00
3	1.57	2668.33	798.31	1870.02	1860.88	9.14
3	0.00	2823.67	865.12	1958.54	1958.54	0.00

Time = 1825. Degree of Consolidation = 56.%

Total Settlement = 0.596

Settlement at End of Primary Consolidation = 1.073

Settlement caused by Primary Consolidation at time 1825. =
0.596

Settlement caused by Secondary Compression at time 1825. =
0.000

*****Current Conditions in Dredged Fill*****

***** Coordinates *****

***** Void Ratios *****

Material	A	XI	Z	Einitial	E	Eeop
4	4.75	1.99	0.47	9.11	9.11	9.11
4	4.57	1.83	0.45	9.11	7.51	7.51
4	4.40	1.70	0.44	9.11	5.92	5.92
4	4.22	1.59	0.42	9.11	4.78	4.78
4	4.05	1.49	0.40	9.11	4.76	4.77
4	3.87	1.39	0.38	9.11	4.75	4.75
4	3.70	1.29	0.37	9.11	4.52	4.52
4	3.52	1.20	0.35	9.11	4.15	4.15
4	3.35	1.11	0.33	9.11	3.78	3.78
4	3.18	1.03	0.31	9.11	3.41	3.41
4	3.00	0.96	0.30	9.11	3.04	3.04
4	3.00	0.96	0.30	9.11	3.04	3.04
4	2.80	0.88	0.28	9.11	2.86	2.62
4	2.60	0.81	0.26	9.11	2.70	2.20
4	2.40	0.74	0.24	9.11	2.58	1.78
4	2.20	0.67	0.22	9.11	2.47	1.73
4	2.00	0.60	0.20	9.11	2.37	1.72
4	1.80	0.53	0.18	9.11	2.29	1.71
4	1.60	0.47	0.16	9.11	2.21	1.70
4	1.40	0.41	0.14	9.11	2.14	1.69
4	1.20	0.34	0.12	9.11	2.07	1.68
4	1.00	0.28	0.10	9.11	2.01	1.67
4	1.00	0.28	0.10	9.11	2.01	1.67
4	0.90	0.25	0.09	9.11	1.98	1.66

4	0.80	0.22	0.08	9.11	1.95	1.66
4	0.70	0.20	0.07	9.11	1.92	1.65
4	0.60	0.17	0.06	9.11	1.89	1.65
4	0.50	0.14	0.05	9.11	1.86	1.64
4	0.40	0.11	0.04	9.11	1.84	1.64
4	0.30	0.08	0.03	9.11	1.81	1.63
4	0.20	0.05	0.02	9.11	1.78	1.63
4	0.10	0.03	0.01	9.11	1.76	1.62
4	0.00	0.00	0.00	9.11	1.74	1.62

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	1.99	0.00	0.00	0.00	0.00	0.00
4	1.83	11.92	1.85	10.07	10.07	0.00
4	1.70	22.08	3.70	18.39	18.39	0.00
4	1.59	30.60	5.54	25.06	25.06	0.00
4	1.49	38.68	7.39	31.28	31.28	0.00
4	1.39	46.76	9.24	37.52	37.52	0.00
4	1.29	54.71	11.09	43.62	43.62	0.00
4	1.20	62.32	12.94	49.38	49.38	0.00
4	1.11	69.53	14.78	54.75	54.75	0.00
4	1.03	76.34	16.63	59.71	59.71	0.00
4	0.96	82.76	18.48	64.28	64.28	0.00
4	0.96	82.76	18.48	64.28	64.28	0.00
4	0.88	89.74	19.42	70.32	69.15	1.17
4	0.81	96.52	20.18	76.33	73.81	2.52
4	0.74	103.12	20.81	82.30	78.30	4.00

4	0.67	109.58	21.36	88.22	82.65	5.57
4	0.60	115.91	21.84	94.07	86.87	7.20
4	0.53	122.13	22.26	99.87	90.98	8.89
4	0.47	128.25	22.65	105.60	94.99	10.61
4	0.41	134.28	23.01	111.28	98.91	12.37
4	0.34	140.23	23.34	116.89	102.74	14.15
4	0.28	146.10	23.64	122.45	106.49	15.96
4	0.28	146.10	23.64	122.45	106.49	15.96
4	0.25	149.00	23.80	125.20	108.34	16.86
4	0.22	151.89	23.95	127.94	110.17	17.77
4	0.20	154.76	24.09	130.66	111.99	18.68
4	0.17	157.61	24.24	133.37	113.78	19.59
4	0.14	160.44	24.38	136.06	115.56	20.51
4	0.11	163.25	24.51	138.74	117.32	21.43
4	0.08	166.05	24.65	141.41	119.06	22.35
4	0.05	168.84	24.78	144.06	120.79	23.27
4	0.03	171.60	24.91	146.69	122.50	24.20
4	0.00	174.35	25.96	148.40	124.19	24.21

Time = 1825. Degree of Consolidation = 96.%

Total Settlement = 2.760

Settlement at End of Primary Consolidation = 2.882

Settlement caused by Primary Consolidation at time 1825. =
2.754

Settlement caused by Secondary Compression at time 1825. =
0.006

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.39

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.40	8.38	19.71	17.37	15.19
1	29.59	29.04	8.36	19.69	17.35	15.17
1	29.19	28.68	8.34	19.66	17.33	15.14
1	28.79	28.33	8.32	19.64	17.30	15.12
1	28.39	27.97	8.30	19.62	17.28	15.10
1	27.99	27.62	8.29	19.60	17.26	15.08
1	27.59	27.26	8.27	19.57	17.23	15.05
1	27.19	26.91	8.25	19.55	17.21	15.03
1	26.79	26.56	8.23	19.53	17.19	15.01
1	26.39	26.20	8.21	19.50	17.17	14.98
1	25.99	25.85	8.19	19.48	17.14	14.96
2	25.99	25.85	8.19	3.08	3.06	3.04
2	24.97	24.83	7.94	3.06	3.04	3.02
2	23.95	23.82	7.68	3.04	3.01	3.00
2	22.93	22.81	7.43	3.02	2.98	2.97
2	21.92	21.81	7.18	3.00	2.95	2.95
2	20.92	20.82	6.93	2.98	2.92	2.92
2	19.92	19.84	6.68	2.95	2.89	2.89
2	18.93	18.86	6.43	2.92	2.87	2.87
2	17.95	17.89	6.17	2.90	2.84	2.84
2	16.97	16.93	5.92	2.87	2.81	2.81
2	16.00	15.97	5.67	2.84	2.78	2.77

3	16.00	15.97	5.67	1.89	1.88	1.88
3	14.36	14.34	5.10	1.88	1.87	1.86
3	12.73	12.72	4.54	1.86	1.86	1.85
3	11.12	11.10	3.97	1.84	1.84	1.83
3	9.51	9.49	3.40	1.83	1.83	1.82
3	7.91	7.89	2.84	1.82	1.82	1.81
3	6.31	6.30	2.27	1.80	1.80	1.80
3	4.73	4.72	1.70	1.79	1.79	1.79
3	3.15	3.14	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.76
3	0.00	0.00	0.00	1.76	1.75	1.75

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.40	174.35	25.96	148.40	124.19	24.21
1	29.04	196.86	26.21	170.65	146.44	24.21
1	28.68	219.33	26.46	192.87	168.66	24.21
1	28.33	241.78	26.72	215.06	190.86	24.21
1	27.97	264.20	26.97	237.23	213.02	24.21
1	27.62	286.60	27.23	259.37	235.16	24.21
1	27.26	308.96	27.48	281.48	257.27	24.21
1	26.91	331.30	27.74	303.56	279.36	24.21
1	26.56	353.61	27.99	325.62	301.41	24.21
1	26.20	375.89	28.24	347.65	323.44	24.21
1	25.85	398.15	28.50	369.65	345.44	24.21
1	25.85	398.15	28.50	369.65	345.44	24.21
2	24.83	485.32	50.90	434.43	409.05	25.38

2	23.82	572.17	83.84	488.33	472.33	16.01
2	22.81	658.52	119.58	538.94	535.10	3.84
2	21.81	744.34	146.98	597.35	597.35	0.00
2	20.82	829.71	170.55	659.16	659.16	0.00
2	19.84	914.66	194.12	720.54	720.54	0.00
2	18.86	999.19	217.69	781.50	781.50	0.00
2	17.89	1083.31	241.26	842.05	842.05	0.00
2	16.93	1166.99	262.47	904.53	902.17	2.36
2	15.97	1250.23	282.34	967.89	961.84	6.05
2	15.97	1250.23	282.34	967.89	961.84	6.05
3	14.34	1409.64	323.44	1086.20	1063.57	22.63
3	12.72	1568.62	367.31	1201.31	1164.88	36.43
3	11.10	1727.17	415.09	1312.08	1265.76	46.32
3	9.49	1885.19	468.92	1416.26	1366.10	50.16
3	7.89	2042.70	526.60	1516.11	1465.94	50.16
3	6.30	2199.76	596.59	1603.17	1565.33	37.84
3	4.72	2356.38	664.77	1691.61	1664.27	27.33
3	3.14	2512.57	731.78	1780.78	1762.79	18.00
3	1.57	2668.33	798.31	1870.02	1860.88	9.14
3	0.00	2823.67	865.12	1958.54	1958.54	0.00

Time = 3650. Degree of Consolidation = 56.%

Total Settlement = 0.596

Settlement at End of Primary Consolidation = 1.073

Settlement caused by Primary Consolidation at time 3650. =
0.596

Settlement caused by Secondary Compression at time 3650. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.75	1.99	0.47	9.11	9.11	9.11
4	4.57	1.83	0.45	9.11	7.51	7.51
4	4.40	1.70	0.44	9.11	5.92	5.92
4	4.22	1.59	0.42	9.11	4.78	4.78
4	4.05	1.49	0.40	9.11	4.76	4.77
4	3.87	1.39	0.38	9.11	4.75	4.75
4	3.70	1.29	0.37	9.11	4.52	4.52
4	3.52	1.20	0.35	9.11	4.15	4.15
4	3.35	1.11	0.33	9.11	3.78	3.78
4	3.18	1.03	0.31	9.11	3.41	3.41
4	3.00	0.96	0.30	9.11	3.04	3.04
4	3.00	0.96	0.30	9.11	3.04	3.04
4	2.80	0.88	0.28	9.11	2.86	2.62
4	2.60	0.81	0.26	9.11	2.70	2.20
4	2.40	0.74	0.24	9.11	2.58	1.78
4	2.20	0.67	0.22	9.11	2.47	1.73
4	2.00	0.60	0.20	9.11	2.37	1.72
4	1.80	0.53	0.18	9.11	2.29	1.71
4	1.60	0.47	0.16	9.11	2.21	1.70
4	1.40	0.41	0.14	9.11	2.14	1.69
4	1.20	0.34	0.12	9.11	2.07	1.68
4	1.00	0.28	0.10	9.11	2.01	1.67

4	1.00	0.28	0.10	9.11	2.01	1.67
4	0.90	0.25	0.09	9.11	1.98	1.66
4	0.80	0.22	0.08	9.11	1.95	1.66
4	0.70	0.20	0.07	9.11	1.92	1.65
4	0.60	0.17	0.06	9.11	1.89	1.65
4	0.50	0.14	0.05	9.11	1.86	1.64
4	0.40	0.11	0.04	9.11	1.84	1.64
4	0.30	0.08	0.03	9.11	1.81	1.63
4	0.20	0.05	0.02	9.11	1.78	1.63
4	0.10	0.03	0.01	9.11	1.76	1.62
4	0.00	0.00	0.00	9.11	1.74	1.62

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	1.99	0.00	0.00	0.00	0.00	0.00
4	1.83	11.92	1.85	10.07	10.07	0.00
4	1.70	22.08	3.70	18.39	18.39	0.00
4	1.59	30.60	5.54	25.06	25.06	0.00
4	1.49	38.68	7.39	31.28	31.28	0.00
4	1.39	46.76	9.24	37.52	37.52	0.00
4	1.29	54.71	11.09	43.62	43.62	0.00
4	1.20	62.32	12.94	49.38	49.38	0.00
4	1.11	69.53	14.78	54.75	54.75	0.00
4	1.03	76.34	16.63	59.71	59.71	0.00
4	0.96	82.76	18.48	64.28	64.28	0.00
4	0.96	82.76	18.48	64.28	64.28	0.00
4	0.88	89.74	19.42	70.32	69.15	1.17

4	0.81	96.52	20.18	76.33	73.81	2.52
4	0.74	103.12	20.81	82.30	78.30	4.00
4	0.67	109.58	21.36	88.22	82.65	5.57
4	0.60	115.91	21.84	94.07	86.87	7.20
4	0.53	122.13	22.26	99.87	90.98	8.89
4	0.47	128.25	22.65	105.60	94.99	10.61
4	0.41	134.28	23.01	111.28	98.91	12.37
4	0.34	140.23	23.34	116.89	102.74	14.15
4	0.28	146.10	23.64	122.45	106.49	15.96
4	0.28	146.10	23.64	122.45	106.49	15.96
4	0.25	149.00	23.80	125.20	108.34	16.86
4	0.22	151.89	23.95	127.94	110.17	17.77
4	0.20	154.76	24.09	130.66	111.99	18.68
4	0.17	157.61	24.24	133.37	113.78	19.59
4	0.14	160.44	24.38	136.06	115.56	20.51
4	0.11	163.25	24.51	138.74	117.32	21.43
4	0.08	166.05	24.65	141.41	119.06	22.35
4	0.05	168.84	24.78	144.06	120.79	23.27
4	0.03	171.60	24.91	146.69	122.50	24.20
4	0.00	174.35	25.96	148.40	124.19	24.21

Time = 3650. Degree of Consolidation = 95.%

Total Settlement = 2.760

Settlement at End of Primary Consolidation = 2.882

Settlement caused by Primary Consolidation at time 3650. = 2.752

Settlement caused by Secondary Compression at time 3650. = 0.008

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.39

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.40	8.38	19.71	17.37	15.19
1	29.59	29.04	8.36	19.69	17.35	15.17
1	29.19	28.68	8.34	19.66	17.33	15.14
1	28.79	28.33	8.32	19.64	17.30	15.12
1	28.39	27.97	8.30	19.62	17.28	15.10
1	27.99	27.62	8.29	19.60	17.26	15.08
1	27.59	27.26	8.27	19.57	17.23	15.05
1	27.19	26.91	8.25	19.55	17.21	15.03
1	26.79	26.56	8.23	19.53	17.19	15.01
1	26.39	26.20	8.21	19.50	17.17	14.98
1	25.99	25.85	8.19	19.48	17.14	14.96
2	25.99	25.85	8.19	3.08	3.06	3.04
2	24.97	24.83	7.94	3.06	3.04	3.02
2	23.95	23.82	7.68	3.04	3.01	3.00
2	22.93	22.81	7.43	3.02	2.98	2.97
2	21.92	21.81	7.18	3.00	2.95	2.95
2	20.92	20.82	6.93	2.98	2.92	2.92
2	19.92	19.84	6.68	2.95	2.89	2.89
2	18.93	18.86	6.43	2.92	2.87	2.87
2	17.95	17.89	6.17	2.90	2.84	2.84

2	16.97	16.93	5.92	2.87	2.81	2.81
2	16.00	15.97	5.67	2.84	2.78	2.77
3	16.00	15.97	5.67	1.89	1.88	1.88
3	14.36	14.34	5.10	1.88	1.87	1.86
3	12.73	12.72	4.54	1.86	1.86	1.85
3	11.12	11.10	3.97	1.84	1.84	1.83
3	9.51	9.49	3.40	1.83	1.83	1.82
3	7.91	7.89	2.84	1.82	1.82	1.81
3	6.31	6.30	2.27	1.80	1.80	1.80
3	4.73	4.72	1.70	1.79	1.79	1.79
3	3.15	3.14	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.76
3	0.00	0.00	0.00	1.76	1.75	1.75

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.40	174.35	25.96	148.40	124.19	24.21
1	29.04	196.86	26.21	170.65	146.44	24.21
1	28.68	219.33	26.46	192.87	168.66	24.21
1	28.33	241.78	26.72	215.06	190.86	24.21
1	27.97	264.20	26.97	237.23	213.02	24.21
1	27.62	286.60	27.23	259.37	235.16	24.21
1	27.26	308.96	27.48	281.48	257.27	24.21
1	26.91	331.30	27.74	303.56	279.36	24.21
1	26.56	353.61	27.99	325.62	301.41	24.21
1	26.20	375.89	28.24	347.65	323.44	24.21
1	25.85	398.15	28.50	369.65	345.44	24.21

2	25.85	398.15	28.50	369.65	345.44	24.21
2	24.83	485.32	50.90	434.43	409.05	25.38
2	23.82	572.17	83.84	488.33	472.33	16.01
2	22.81	658.52	119.58	538.94	535.10	3.84
2	21.81	744.34	146.98	597.35	597.35	0.00
2	20.82	829.71	170.55	659.16	659.16	0.00
2	19.84	914.66	194.12	720.54	720.54	0.00
2	18.86	999.19	217.69	781.50	781.50	0.00
2	17.89	1083.31	241.26	842.05	842.05	0.00
2	16.93	1166.99	262.47	904.53	902.17	2.36
2	15.97	1250.23	282.34	967.89	961.84	6.05
2	15.97	1250.23	282.34	967.89	961.84	6.05
3	14.34	1409.64	323.44	1086.20	1063.57	22.63
3	12.72	1568.62	367.31	1201.31	1164.88	36.43
3	11.10	1727.17	415.09	1312.08	1265.76	46.32
3	9.49	1885.19	468.92	1416.26	1366.10	50.16
3	7.89	2042.70	526.60	1516.11	1465.94	50.16
3	6.30	2199.76	596.59	1603.17	1565.33	37.84
3	4.72	2356.38	664.77	1691.61	1664.27	27.33
3	3.14	2512.57	731.78	1780.78	1762.79	18.00
3	1.57	2668.33	798.31	1870.02	1860.88	9.14
3	0.00	2823.67	865.12	1958.54	1958.54	0.00

Time = 5475. Degree of Consolidation = 56.%

Total Settlement = 0.596

Settlement at End of Primary Consolidation = 1.073

Settlement caused by Primary Consolidation at time 5475. =
0.596

Settlement caused by Secondary Compression at time 5475. =
 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.75	1.99	0.47	9.11	9.11	9.11
4	4.57	1.83	0.45	9.11	7.51	7.51
4	4.40	1.70	0.44	9.11	5.92	5.92
4	4.22	1.59	0.42	9.11	4.78	4.78
4	4.05	1.49	0.40	9.11	4.76	4.77
4	3.87	1.39	0.38	9.11	4.75	4.75
4	3.70	1.29	0.37	9.11	4.52	4.52
4	3.52	1.20	0.35	9.11	4.15	4.15
4	3.35	1.11	0.33	9.11	3.78	3.78
4	3.18	1.03	0.31	9.11	3.41	3.41
4	3.00	0.96	0.30	9.11	3.04	3.04
4	3.00	0.96	0.30	9.11	3.04	3.04
4	2.80	0.88	0.28	9.11	2.86	2.62
4	2.60	0.81	0.26	9.11	2.70	2.20
4	2.40	0.74	0.24	9.11	2.58	1.78
4	2.20	0.67	0.22	9.11	2.47	1.73
4	2.00	0.60	0.20	9.11	2.37	1.72
4	1.80	0.53	0.18	9.11	2.29	1.71
4	1.60	0.47	0.16	9.11	2.21	1.70
4	1.40	0.41	0.14	9.11	2.14	1.69

4	1.20	0.34	0.12	9.11	2.07	1.68
4	1.00	0.28	0.10	9.11	2.01	1.67
4	1.00	0.28	0.10	9.11	2.01	1.67
4	0.90	0.25	0.09	9.11	1.98	1.66
4	0.80	0.22	0.08	9.11	1.95	1.66
4	0.70	0.20	0.07	9.11	1.92	1.65
4	0.60	0.17	0.06	9.11	1.89	1.65
4	0.50	0.14	0.05	9.11	1.86	1.64
4	0.40	0.11	0.04	9.11	1.84	1.64
4	0.30	0.08	0.03	9.11	1.81	1.63
4	0.20	0.05	0.02	9.11	1.78	1.63
4	0.10	0.03	0.01	9.11	1.76	1.62
4	0.00	0.00	0.00	9.11	1.74	1.62

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	1.99	0.00	0.00	0.00	0.00	0.00
4	1.83	11.92	1.85	10.07	10.07	0.00
4	1.70	22.08	3.70	18.39	18.39	0.00
4	1.59	30.60	5.54	25.06	25.06	0.00
4	1.49	38.68	7.39	31.28	31.28	0.00
4	1.39	46.76	9.24	37.52	37.52	0.00
4	1.29	54.71	11.09	43.62	43.62	0.00
4	1.20	62.32	12.94	49.38	49.38	0.00
4	1.11	69.53	14.78	54.75	54.75	0.00
4	1.03	76.34	16.63	59.71	59.71	0.00
4	0.96	82.76	18.48	64.28	64.28	0.00

4	0.96	82.76	18.48	64.28	64.28	0.00
4	0.88	89.74	19.42	70.32	69.15	1.17
4	0.81	96.52	20.18	76.33	73.81	2.52
4	0.74	103.12	20.81	82.30	78.30	4.00
4	0.67	109.58	21.36	88.22	82.65	5.57
4	0.60	115.91	21.84	94.07	86.87	7.20
4	0.53	122.13	22.26	99.87	90.98	8.89
4	0.47	128.25	22.65	105.60	94.99	10.61
4	0.41	134.28	23.01	111.28	98.91	12.37
4	0.34	140.23	23.34	116.89	102.74	14.15
4	0.28	146.10	23.64	122.45	106.49	15.96
4	0.28	146.10	23.64	122.45	106.49	15.96
4	0.25	149.00	23.80	125.20	108.34	16.86
4	0.22	151.89	23.95	127.94	110.17	17.77
4	0.20	154.76	24.09	130.66	111.99	18.68
4	0.17	157.61	24.24	133.37	113.78	19.59
4	0.14	160.44	24.38	136.06	115.56	20.51
4	0.11	163.25	24.51	138.74	117.32	21.43
4	0.08	166.05	24.65	141.41	119.06	22.35
4	0.05	168.84	24.78	144.06	120.79	23.27
4	0.03	171.60	24.91	146.69	122.50	24.20
4	0.00	174.35	25.96	148.40	124.19	24.21

Time = 5475. Degree of Consolidation = 95.%

Total Settlement = 2.760

Settlement at End of Primary Consolidation = 2.882

Settlement caused by Primary Consolidation at time 5475. =
2.751

Settlement caused by Secondary Compression at time 5475. =
0.009

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.39

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.40	8.38	19.71	17.37	15.19
1	29.59	29.04	8.36	19.69	17.35	15.17
1	29.19	28.68	8.34	19.66	17.33	15.14
1	28.79	28.33	8.32	19.64	17.30	15.12
1	28.39	27.97	8.30	19.62	17.28	15.10
1	27.99	27.62	8.29	19.60	17.26	15.08
1	27.59	27.26	8.27	19.57	17.23	15.05
1	27.19	26.91	8.25	19.55	17.21	15.03
1	26.79	26.56	8.23	19.53	17.19	15.01
1	26.39	26.20	8.21	19.50	17.17	14.98
1	25.99	25.85	8.19	19.48	17.14	14.96
2	25.99	25.85	8.19	3.08	3.06	3.04
2	24.97	24.83	7.94	3.06	3.04	3.02
2	23.95	23.82	7.68	3.04	3.01	3.00
2	22.93	22.81	7.43	3.02	2.98	2.97
2	21.92	21.81	7.18	3.00	2.95	2.95
2	20.92	20.82	6.93	2.98	2.92	2.92
2	19.92	19.84	6.68	2.95	2.89	2.89

2	18.93	18.86	6.43	2.92	2.87	2.87
2	17.95	17.89	6.17	2.90	2.84	2.84
2	16.97	16.93	5.92	2.87	2.81	2.81
2	16.00	15.97	5.67	2.84	2.78	2.77
3	16.00	15.97	5.67	1.89	1.88	1.88
3	14.36	14.34	5.10	1.88	1.87	1.86
3	12.73	12.72	4.54	1.86	1.86	1.85
3	11.12	11.10	3.97	1.84	1.84	1.83
3	9.51	9.49	3.40	1.83	1.83	1.82
3	7.91	7.89	2.84	1.82	1.82	1.81
3	6.31	6.30	2.27	1.80	1.80	1.80
3	4.73	4.72	1.70	1.79	1.79	1.79
3	3.15	3.14	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.76
3	0.00	0.00	0.00	1.76	1.75	1.75

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.40	174.35	25.96	148.40	124.19	24.21
1	29.04	196.86	26.21	170.65	146.44	24.21
1	28.68	219.33	26.46	192.87	168.66	24.21
1	28.33	241.78	26.72	215.06	190.86	24.21
1	27.97	264.20	26.97	237.23	213.02	24.21
1	27.62	286.60	27.23	259.37	235.16	24.21
1	27.26	308.96	27.48	281.48	257.27	24.21
1	26.91	331.30	27.74	303.56	279.36	24.21
1	26.56	353.61	27.99	325.62	301.41	24.21

1	26.20	375.89	28.24	347.65	323.44	24.21
1	25.85	398.15	28.50	369.65	345.44	24.21
2	25.85	398.15	28.50	369.65	345.44	24.21
2	24.83	485.32	50.90	434.43	409.05	25.38
2	23.82	572.17	83.84	488.33	472.33	16.01
2	22.81	658.52	119.58	538.94	535.10	3.84
2	21.81	744.34	146.98	597.35	597.35	0.00
2	20.82	829.71	170.55	659.16	659.16	0.00
2	19.84	914.66	194.12	720.54	720.54	0.00
2	18.86	999.19	217.69	781.50	781.50	0.00
2	17.89	1083.31	241.26	842.05	842.05	0.00
2	16.93	1166.99	262.47	904.53	902.17	2.36
2	15.97	1250.23	282.34	967.89	961.84	6.05
2	15.97	1250.23	282.34	967.89	961.84	6.05
3	14.34	1409.64	323.44	1086.20	1063.57	22.63
3	12.72	1568.62	367.31	1201.31	1164.88	36.43
3	11.10	1727.17	415.09	1312.08	1265.76	46.32
3	9.49	1885.19	468.92	1416.26	1366.10	50.16
3	7.89	2042.70	526.60	1516.11	1465.94	50.16
3	6.30	2199.76	596.59	1603.17	1565.33	37.84
3	4.72	2356.38	664.77	1691.61	1664.27	27.33
3	3.14	2512.57	731.78	1780.78	1762.79	18.00
3	1.57	2668.33	798.31	1870.02	1860.88	9.14
3	0.00	2823.67	865.12	1958.54	1958.54	0.00

Time = 7200. Degree of Consolidation = 56.%

Total Settlement = 0.596

Settlement at End of Primary Consolidation = 1.073

0.596 Settlement caused by Primary Consolidation at time 7200. =

0.000 Settlement caused by Secondary Compression at time 7200. =

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.75	1.99	0.47	9.11	9.11	9.11
4	4.57	1.83	0.45	9.11	7.51	7.51
4	4.40	1.70	0.44	9.11	5.92	5.92
4	4.22	1.59	0.42	9.11	4.78	4.78
4	4.05	1.49	0.40	9.11	4.76	4.77
4	3.87	1.39	0.38	9.11	4.75	4.75
4	3.70	1.29	0.37	9.11	4.52	4.52
4	3.52	1.20	0.35	9.11	4.15	4.15
4	3.35	1.11	0.33	9.11	3.78	3.78
4	3.18	1.03	0.31	9.11	3.41	3.41
4	3.00	0.96	0.30	9.11	3.04	3.04
4	3.00	0.96	0.30	9.11	3.04	3.04
4	2.80	0.88	0.28	9.11	2.86	2.62
4	2.60	0.81	0.26	9.11	2.70	2.20
4	2.40	0.74	0.24	9.11	2.58	1.78
4	2.20	0.67	0.22	9.11	2.47	1.73
4	2.00	0.60	0.20	9.11	2.37	1.72
4	1.80	0.53	0.18	9.11	2.29	1.71

4	1.60	0.47	0.16	9.11	2.21	1.70
4	1.40	0.41	0.14	9.11	2.14	1.69
4	1.20	0.34	0.12	9.11	2.07	1.68
4	1.00	0.28	0.10	9.11	2.01	1.67
4	1.00	0.28	0.10	9.11	2.01	1.67
4	0.90	0.25	0.09	9.11	1.98	1.66
4	0.80	0.22	0.08	9.11	1.95	1.66
4	0.70	0.20	0.07	9.11	1.92	1.65
4	0.60	0.17	0.06	9.11	1.89	1.65
4	0.50	0.14	0.05	9.11	1.86	1.64
4	0.40	0.11	0.04	9.11	1.84	1.64
4	0.30	0.08	0.03	9.11	1.81	1.63
4	0.20	0.05	0.02	9.11	1.78	1.63
4	0.10	0.03	0.01	9.11	1.76	1.62
4	0.00	0.00	0.00	9.11	1.74	1.62

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	1.99	0.00	0.00	0.00	0.00	0.00
4	1.83	11.92	1.85	10.07	10.07	0.00
4	1.70	22.08	3.70	18.39	18.39	0.00
4	1.59	30.60	5.54	25.06	25.06	0.00
4	1.49	38.68	7.39	31.28	31.28	0.00
4	1.39	46.76	9.24	37.52	37.52	0.00
4	1.29	54.71	11.09	43.62	43.62	0.00
4	1.20	62.32	12.94	49.38	49.38	0.00
4	1.11	69.53	14.78	54.75	54.75	0.00

4	1.03	76.34	16.63	59.71	59.71	0.00
4	0.96	82.76	18.48	64.28	64.28	0.00
4	0.96	82.76	18.48	64.28	64.28	0.00
4	0.88	89.74	19.42	70.32	69.15	1.17
4	0.81	96.52	20.18	76.33	73.81	2.52
4	0.74	103.12	20.81	82.30	78.30	4.00
4	0.67	109.58	21.36	88.22	82.65	5.57
4	0.60	115.91	21.84	94.07	86.87	7.20
4	0.53	122.13	22.26	99.87	90.98	8.89
4	0.47	128.25	22.65	105.60	94.99	10.61
4	0.41	134.28	23.01	111.28	98.91	12.37
4	0.34	140.23	23.34	116.89	102.74	14.15
4	0.28	146.10	23.64	122.45	106.49	15.96
4	0.28	146.10	23.64	122.45	106.49	15.96
4	0.25	149.00	23.80	125.20	108.34	16.86
4	0.22	151.89	23.95	127.94	110.17	17.77
4	0.20	154.76	24.09	130.66	111.99	18.68
4	0.17	157.61	24.24	133.37	113.78	19.59
4	0.14	160.44	24.38	136.06	115.56	20.51
4	0.11	163.25	24.51	138.74	117.32	21.43
4	0.08	166.05	24.65	141.41	119.06	22.35
4	0.05	168.84	24.78	144.06	120.79	23.27
4	0.03	171.60	24.91	146.69	122.50	24.20
4	0.00	174.35	25.96	148.40	124.19	24.21

Time = 7200. Degree of Consolidation = 95.%

Total Settlement = 2.760

Settlement at End of Primary Consolidation = 2.882

2.750 Settlement caused by Primary Consolidation at time 7200. =

0.010 Settlement caused by Secondary Compression at time 7200. =

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.39

 Consolidation and desiccation of soft layers---dredged fill

Problem Breton MCA 1- 5.5'FILL

*****Soil data for compressible foundation*****

Material Type	Layer Thickness	Numbers of Sub-layers	Ca/Cc	Cr/Cc	OCR
3	16.00	10	0.040	0.281	1.000
2	10.00	15	0.007	0.054	1.000
1	4.00	15	0.020	0.113	1.000

Material type : 3

Specific Gravity of Solids: 2.63

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	1.910	0.000E	0.339E-03	0.116E-03	-0.402E-04	-0.100E0.116E	
2	1.900	0.100E	0.339E-03	0.117E-03	-0.184E-02	-0.125E0.146E	
3	1.890	0.250E	0.443E-03	0.153E-03	0.557E-03	-0.500E0.766E	
4	1.820	0.500E	0.204E-03	0.723E-04	0.480E-03	-0.469E0.339E	
5	1.730	0.100E	0.209E-03	0.766E-04	0.469E-04	-0.306E0.234E	
6	1.330	0.200E	0.115E-03	0.494E-04	0.680E-04	-0.250E0.123E	

Material type : 2

Specific Gravity of Solids: 2.50

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	3.080	0.000E	0.151E-03	0.370E-04	-0.925E-05	-0.125E0.463E-01	
2	3.000	0.100E	0.151E-03	0.378E-04	-0.113E-02	-0.100E0.378E-01	
3	2.830	0.250E	0.122E-02	0.319E-03	-0.359E-04	-0.755E0.240E	
4	2.470	0.500E	0.197E-03	0.568E-04	0.374E-03	-0.103E0.583E-01	

5 2.100 0.100E 0.140E-03 0.452E-04 0.363E-04-0.197E0.891E-01
 6 1.710 0.200E 0.790E-04 0.292E-04 0.411E-04-0.256E0.747E-01

Material type : 1

Specific Gravity of Solids: 1.21

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	19.710	0.000E	0.100E	0.483E-01	0.529E-02	0.111E0.536E	
2	10.700	0.100E	0.681E-02	0.582E-03	0.437E-02	0.229E0.133E-01	
3	8.810	0.250E	0.681E-02	0.694E-03	0.408E-04	0.102E0.710E-01	
4	6.790	0.500E	0.329E-02	0.422E-03	0.419E-04	0.251E0.106E	
5	5.820	0.100E	0.388E-02	0.569E-03	0.397E-04	0.652E0.371E	
6	4.490	0.200E	0.282E-02	0.514E-03	0.415E-04	0.752E0.386E	

*****Soil data for dredged fill*****

Material Type	Specific Gravity	Ca/Cc	Cr/Cc	Saturation Limit	Disiccation Limit	Max. Crust Depth	Crust at DL
4	2.711	0.011	0.048	4.041	2.154	0.321	0.420

Material type : 4

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	9.110	0.000E	0.100E	0.989E-01	0.217E-01	0.116E0.114E	
2	4.790	0.500E	0.292E-01	0.504E-02	0.225E-01	0.229E0.115E-01	
3	4.740	0.100E	0.300E-02	0.523E-03	0.142E-02	0.656E0.343E-02	
4	1.740	0.250E	0.198E-02	0.723E-03	0.611E-04	0.128E0.926E-02	
5	1.620	0.500E	0.870E-03	0.332E-03	0.133E-02	0.208E0.692E-01	
6	1.380	0.100E	0.577E-03	0.242E-03	0.965E-05	0.333E0.808E-01	
7	1.170	0.200E	0.730E-03	0.336E-03	0.366E-04	0.750E0.252E	
8	0.980	0.400E	0.451E-03	0.228E-03	0.572E-03	0.105E0.240E	

Summary of lifts and print detail

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Time	Material	Fill	# Sub-	Void	Start	Dessic.	Print
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days	Type	Height	layers	ratio	Day	Month	detail
0.	4	1.0	10	9.11	30.	4	1
15.	4	2.2	20	9.11	180.	4	1
30.	4	2.2	10	9.11	180.	4	1
45.					180.	4	1
180.					180.	4	1
365.					180.	4	2
1825.					180.	4	1
3650.					180.	4	1
5475.					180.	4	1
7200.					180.	4	1

Summary of monthly rainfall and evaporation potential

Month	Rainfall	Evaporation
1	0.160	0.190
2	0.230	0.210
3	0.180	0.320
4	0.410	0.430
5	0.290	0.520
6	0.260	0.630
7	0.830	0.600
8	1.250	0.580
9	0.160	0.510
10	0.660	0.380
11	0.150	0.240
12	0.080	0.190

*****Calculation data*****

tau Lower layer Lower layer drainage path

	Void ratio	Permeability	Length
.966E-02	1.910	0.33900E-03	z = 10.31

Summary of desiccation parameters

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Parameter                                     Value
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Surface Drainage Efficiency                   1.00
maximum evaporation efficiency                0.75
time to desic. after initial fill           30.00
month of initial desiccation                 4
elevation of fixed water table              1.00
elevation of top of incompres. found.      -30.00
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*****Initial Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.99	8.38	19.71	19.71	18.76
1	29.73	29.73	8.37	19.69	19.69	18.74
1	29.46	29.46	8.36	19.68	19.68	18.73
1	29.19	29.19	8.34	19.66	19.66	18.71
1	28.92	28.92	8.33	19.65	19.65	18.70
1	28.66	28.66	8.32	19.63	19.63	18.68
1	28.39	28.39	8.31	19.62	19.62	18.67
1	28.12	28.12	8.29	19.60	19.60	18.65
1	27.86	27.86	8.28	19.59	19.59	18.64
1	27.59	27.59	8.27	19.57	19.57	18.62
1	27.32	27.32	8.25	19.56	19.56	18.61

1	27.06	27.06	8.24	19.54	19.54	18.59
1	26.79	26.79	8.23	19.53	19.53	18.58
1	26.52	26.52	8.21	19.51	19.51	18.56
1	26.26	26.26	8.20	19.50	19.50	18.54
1	25.99	25.99	8.19	19.48	19.48	18.53
2	25.99	25.99	8.19	3.08	3.08	3.07
2	25.31	25.31	8.02	3.07	3.07	3.06
2	24.63	24.63	7.85	3.05	3.05	3.04
2	23.95	23.95	7.68	3.04	3.04	3.03
2	23.27	23.27	7.52	3.03	3.03	3.02
2	22.60	22.60	7.35	3.02	3.02	3.01
2	21.92	21.92	7.18	3.00	3.00	2.99
2	21.25	21.25	7.01	2.99	2.99	2.97
2	20.59	20.59	6.85	2.97	2.97	2.96
2	19.92	19.92	6.68	2.95	2.95	2.94
2	19.26	19.26	6.51	2.93	2.93	2.92
2	18.60	18.60	6.34	2.91	2.91	2.90
2	17.95	17.95	6.17	2.90	2.90	2.88
2	17.29	17.29	6.01	2.88	2.88	2.87
2	16.64	16.64	5.84	2.86	2.86	2.85
2	16.00	16.00	5.67	2.84	2.84	2.83
3	16.00	16.00	5.67	1.89	1.89	1.89
3	14.36	14.36	5.10	1.88	1.88	1.87
3	12.73	12.73	4.54	1.86	1.86	1.86
3	11.12	11.12	3.97	1.84	1.84	1.84
3	9.51	9.51	3.40	1.83	1.83	1.83
3	7.91	7.91	2.84	1.82	1.82	1.81

3	6.31	6.31	2.27	1.80	1.80	1.80
3	4.73	4.73	1.70	1.79	1.79	1.79
3	3.15	3.15	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.77
3	0.00	0.00	0.00	1.76	1.76	1.76

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.99	72.96	0.00	72.96	62.40	10.56
1	29.73	89.86	0.17	89.69	79.13	10.56
1	29.46	106.74	0.34	106.40	95.84	10.56
1	29.19	123.61	0.51	123.10	112.54	10.56
1	28.92	140.47	0.68	139.79	129.23	10.56
1	28.66	157.31	0.85	156.47	145.91	10.56
1	28.39	174.15	1.02	173.13	162.57	10.56
1	28.12	190.97	1.19	189.78	179.22	10.56
1	27.86	207.78	1.36	206.42	195.86	10.56
1	27.59	224.58	1.53	223.05	212.49	10.56
1	27.32	241.36	1.70	239.66	229.10	10.56
1	27.06	258.13	1.87	256.27	245.70	10.56
1	26.79	274.89	2.04	272.86	262.29	10.56
1	26.52	291.64	2.21	289.43	278.87	10.56
1	26.26	308.37	2.38	306.00	295.44	10.56
1	25.99	325.10	2.54	322.55	311.99	10.56
1	25.99	325.10	2.54	322.55	311.99	10.56
2	25.31	383.47	18.26	365.21	354.65	10.56
2	24.63	441.70	33.97	407.73	397.17	10.56

2	23.95	499.81	49.69	450.12	439.56	10.56
2	23.27	557.79	65.40	492.38	481.82	10.56
2	22.60	615.63	81.12	534.51	523.95	10.56
2	21.92	673.34	96.83	576.51	565.95	10.56
2	21.25	730.90	112.54	618.36	607.80	10.56
2	20.59	788.28	128.26	660.02	649.46	10.56
2	19.92	845.47	143.97	701.50	690.94	10.56
2	19.26	902.47	159.69	742.78	732.22	10.56
2	18.60	959.29	175.40	783.89	773.33	10.56
2	17.95	1015.92	191.11	824.80	814.24	10.56
2	17.29	1072.36	206.83	865.53	854.97	10.56
2	16.64	1128.62	222.54	906.07	895.51	10.56
2	16.00	1184.69	238.26	946.43	935.87	10.56
2	16.00	1184.69	238.26	946.43	935.87	10.56
3	14.36	1344.42	295.93	1048.49	1037.93	10.56
3	12.73	1503.60	353.60	1150.00	1139.44	10.56
3	11.12	1662.23	411.28	1250.95	1240.39	10.56
3	9.51	1820.26	468.95	1351.31	1340.75	10.56
3	7.91	1977.76	526.62	1451.14	1440.58	10.56
3	6.31	2134.86	584.29	1550.57	1540.01	10.56
3	4.73	2291.59	641.97	1649.62	1639.06	10.56
3	3.15	2447.96	699.64	1748.31	1737.75	10.56
3	1.57	2603.95	757.31	1846.64	1836.08	10.56
3	0.00	2759.58	814.99	1944.59	1934.03	10.56

Time = 0. Degree of Consolidation = 0.%

Total Settlement = 0.000

Settlement at End of Primary Consolidation = 0.224

0.000 Settlement caused by Primary Consolidation at time 0. =

0.000 Settlement caused by Secondary Compression at time 0. =

*****Initial Conditions in Dredged Fill*****

***** Coordinates *****			***** Void Ratios *****			
Material	A	XI	Z	Einitial	E	Eeop
4	1.00	1.00	0.10	9.11	9.11	9.11
4	0.90	0.90	0.09	9.11	9.11	8.20
4	0.80	0.80	0.08	9.11	9.11	7.29
4	0.70	0.70	0.07	9.11	9.11	6.37
4	0.60	0.60	0.06	9.11	9.11	5.46
4	0.50	0.50	0.05	9.11	9.11	4.79
4	0.40	0.40	0.04	9.11	9.11	4.78
4	0.30	0.30	0.03	9.11	9.11	4.77
4	0.20	0.20	0.02	9.11	9.11	4.76
4	0.10	0.10	0.01	9.11	9.11	4.74
4	0.00	0.00	0.00	9.11	9.11	4.63

***** Stresses *****			***** Pore Pressures *****			
Material	XI	Total	Effective	Total	Static	Excess
4	1.00	0.00	0.00	0.00	0.00	0.00
4	0.90	7.30	0.00	7.30	6.24	1.06
4	0.80	14.59	0.00	14.59	12.48	2.11
4	0.70	21.89	0.00	21.89	18.72	3.17

4	0.60	29.18	0.00	29.18	24.96	4.22
4	0.50	36.48	0.00	36.48	31.20	5.28
4	0.40	43.78	0.00	43.78	37.44	6.34
4	0.30	51.07	0.00	51.07	43.68	7.39
4	0.20	58.37	0.00	58.37	49.92	8.45
4	0.10	65.66	0.00	65.66	56.16	9.50
4	0.00	72.96	0.00	72.96	62.40	10.56

Time = 0. Degree of Consolidation = 0.%

Total Settlement = 0.000

Settlement at End of Primary Consolidation = 0.328

Settlement caused by Primary Consolidation at time 0. = 0.000

Settlement caused by Secondary Compression at time 0. = 0.000

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.87	8.38	19.71	19.07	18.76
1	29.73	29.61	8.37	19.69	19.05	18.74
1	29.46	29.35	8.36	19.68	19.04	18.73
1	29.19	29.09	8.34	19.66	19.02	18.71
1	28.92	28.83	8.33	19.65	19.01	18.70
1	28.66	28.57	8.32	19.63	19.00	18.68
1	28.39	28.31	8.31	19.62	18.98	18.67
1	28.12	28.05	8.29	19.60	18.97	18.65

1	27.86	27.79	8.28	19.59	18.95	18.64
1	27.59	27.54	8.27	19.57	18.94	18.62
1	27.32	27.28	8.25	19.56	18.92	18.61
1	27.06	27.02	8.24	19.54	18.91	18.59
1	26.79	26.76	8.23	19.53	18.89	18.58
1	26.52	26.50	8.21	19.51	18.88	18.56
1	26.26	26.25	8.20	19.50	18.86	18.54
1	25.99	25.99	8.19	19.48	18.85	18.53
2	25.99	25.99	8.19	3.08	3.07	3.07
2	25.31	25.31	8.02	3.07	3.06	3.06
2	24.63	24.63	7.85	3.05	3.05	3.04
2	23.95	23.95	7.68	3.04	3.04	3.03
2	23.27	23.27	7.52	3.03	3.03	3.02
2	22.60	22.59	7.35	3.02	3.02	3.01
2	21.92	21.92	7.18	3.00	3.00	2.99
2	21.25	21.25	7.01	2.99	2.98	2.97
2	20.59	20.58	6.85	2.97	2.97	2.96
2	19.92	19.92	6.68	2.95	2.95	2.94
2	19.26	19.26	6.51	2.93	2.93	2.92
2	18.60	18.60	6.34	2.91	2.91	2.90
2	17.95	17.94	6.17	2.90	2.89	2.88
2	17.29	17.29	6.01	2.88	2.88	2.87
2	16.64	16.64	5.84	2.86	2.86	2.85
2	16.00	16.00	5.67	2.84	2.84	2.83
3	16.00	16.00	5.67	1.89	1.89	1.89
3	14.36	14.36	5.10	1.88	1.88	1.87
3	12.73	12.73	4.54	1.86	1.86	1.86

3	11.12	11.12	3.97	1.84	1.84	1.84
3	9.51	9.51	3.40	1.83	1.83	1.83
3	7.91	7.91	2.84	1.82	1.82	1.81
3	6.31	6.31	2.27	1.80	1.80	1.80
3	4.73	4.73	1.70	1.79	1.79	1.79
3	3.15	3.14	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.77
3	0.00	0.00	0.00	1.76	1.76	1.76

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.87	80.91	7.14	73.78	70.35	3.42
1	29.61	97.29	7.29	90.00	86.56	3.44
1	29.35	113.66	7.45	106.20	102.76	3.45
1	29.09	130.01	7.61	122.40	118.94	3.46
1	28.83	146.35	7.77	138.59	135.11	3.47
1	28.57	162.68	7.93	154.76	151.27	3.48
1	28.31	179.00	8.09	170.92	167.42	3.49
1	28.05	195.31	8.25	187.06	183.56	3.50
1	27.79	211.60	8.41	203.20	199.69	3.51
1	27.54	227.89	8.57	219.32	215.80	3.52
1	27.28	244.16	8.73	235.43	231.90	3.52
1	27.02	260.42	8.90	251.52	247.99	3.53
1	26.76	276.67	9.06	267.60	264.07	3.53
1	26.50	292.90	9.23	283.67	280.14	3.53
1	26.25	309.13	9.40	299.73	296.19	3.54
1	25.99	325.34	9.57	315.77	312.23	3.54

2	25.99	325.34	9.57	315.77	312.23	3.54
2	25.31	383.68	19.30	364.38	354.86	9.52
2	24.63	441.91	33.97	407.94	397.38	10.56
2	23.95	500.02	49.69	450.33	439.77	10.56
2	23.27	557.99	65.40	492.59	482.03	10.56
2	22.59	615.84	81.12	534.72	524.16	10.56
2	21.92	673.55	97.14	576.41	566.16	10.25
2	21.25	731.10	113.30	617.81	608.00	9.81
2	20.58	788.47	129.21	659.26	649.65	9.60
2	19.92	845.65	145.16	700.49	691.12	9.37
2	19.26	902.64	161.12	741.52	732.39	9.13
2	18.60	959.43	177.07	782.36	773.47	8.89
2	17.94	1016.04	193.01	823.03	814.37	8.67
2	17.29	1072.46	208.90	863.56	855.07	8.49
2	16.64	1128.69	224.68	904.01	895.59	8.42
2	16.00	1184.74	240.24	944.50	935.92	8.58
2	16.00	1184.74	240.24	944.50	935.92	8.58
3	14.36	1344.46	296.87	1047.59	1037.97	9.62
3	12.73	1503.64	353.60	1150.04	1139.48	10.56
3	11.12	1662.26	411.28	1250.99	1240.43	10.56
3	9.51	1820.30	468.95	1351.35	1340.79	10.56
3	7.91	1977.80	526.62	1451.18	1440.62	10.56
3	6.31	2134.90	584.72	1550.18	1540.04	10.13
3	4.73	2291.63	642.33	1649.29	1639.10	10.20
3	3.14	2447.99	699.95	1748.03	1737.79	10.25
3	1.57	2603.98	758.44	1845.54	1836.11	9.43
3	0.00	2759.58	825.37	1934.21	1934.03	0.18

Time = 15. Degree of Consolidation = 57.%

Total Settlement = 0.127

Settlement at End of Primary Consolidation = 0.224

Settlement caused by Primary Consolidation at time 15. =
0.127

Settlement caused by Secondary Compression at time 15. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	1.00	0.67	0.10	9.11	9.11	9.11
4	0.90	0.58	0.09	9.11	8.19	8.20
4	0.80	0.49	0.08	9.11	7.28	7.29
4	0.70	0.41	0.07	9.11	6.37	6.37
4	0.60	0.34	0.06	9.11	5.46	5.46
4	0.50	0.28	0.05	9.11	4.78	4.79
4	0.40	0.23	0.04	9.11	4.77	4.78
4	0.30	0.17	0.03	9.11	4.76	4.77
4	0.20	0.11	0.02	9.11	4.75	4.76
4	0.10	0.06	0.01	9.11	4.74	4.74
4	0.00	0.00	0.00	9.11	4.62	4.63

	***** Stresses *****			***** Pore Pressures *****		
Material	XI	Total	Effective	Total	Static	Excess
4	0.67	28.46	0.00	28.46	28.46	0.00

4	0.58	35.47	1.06	34.41	34.41	0.00
4	0.49	41.92	2.11	39.81	39.81	0.00
4	0.41	47.81	3.17	44.64	44.64	0.00
4	0.34	53.13	4.22	48.90	48.90	0.00
4	0.28	57.89	5.28	52.61	52.61	0.00
4	0.23	62.52	6.34	56.18	56.18	0.00
4	0.17	67.13	7.39	59.74	59.74	0.00
4	0.11	71.74	8.45	63.29	63.29	0.00
4	0.06	76.34	9.50	66.84	66.84	0.00
4	0.00	80.91	10.56	70.35	70.35	0.00

Time = 15. Degree of Consolidation = 100.%

Total Settlement = 0.329

Settlement at End of Primary Consolidation = 0.328

Settlement caused by Primary Consolidation at time 15. = 0.328

Settlement caused by Secondary Compression at time 15. = 0.000

Surface Elevation = 0.54

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.80	8.38	19.71	18.72	16.62
1	29.73	29.54	8.37	19.69	18.71	16.60
1	29.46	29.29	8.36	19.68	18.69	16.59
1	29.19	29.03	8.34	19.66	18.68	16.57

1	28.92	28.78	8.33	19.65	18.67	16.56
1	28.66	28.52	8.32	19.63	18.65	16.54
1	28.39	28.27	8.31	19.62	18.64	16.53
1	28.12	28.01	8.29	19.60	18.62	16.51
1	27.86	27.76	8.28	19.59	18.61	16.50
1	27.59	27.51	8.27	19.57	18.59	16.48
1	27.32	27.25	8.25	19.56	18.58	16.46
1	27.06	27.00	8.24	19.54	18.56	16.45
1	26.79	26.74	8.23	19.53	18.55	16.43
1	26.52	26.49	8.21	19.51	18.53	16.42
1	26.26	26.24	8.20	19.50	18.52	16.40
1	25.99	25.99	8.19	19.48	18.50	16.39
2	25.99	25.99	8.19	3.08	3.07	3.05
2	25.31	25.30	8.02	3.07	3.06	3.04
2	24.63	24.62	7.85	3.05	3.05	3.03
2	23.95	23.94	7.68	3.04	3.04	3.01
2	23.27	23.27	7.52	3.03	3.03	3.00
2	22.60	22.59	7.35	3.02	3.02	2.98
2	21.92	21.92	7.18	3.00	3.00	2.96
2	21.25	21.25	7.01	2.99	2.98	2.95
2	20.59	20.58	6.85	2.97	2.97	2.93
2	19.92	19.92	6.68	2.95	2.95	2.91
2	19.26	19.25	6.51	2.93	2.93	2.89
2	18.60	18.60	6.34	2.91	2.91	2.88
2	17.95	17.94	6.17	2.90	2.89	2.86
2	17.29	17.29	6.01	2.88	2.87	2.84
2	16.64	16.64	5.84	2.86	2.86	2.82

2	16.00	15.99	5.67	2.84	2.84	2.80
3	16.00	15.99	5.67	1.89	1.89	1.88
3	14.36	14.36	5.10	1.88	1.88	1.87
3	12.73	12.73	4.54	1.86	1.86	1.85
3	11.12	11.11	3.97	1.84	1.84	1.84
3	9.51	9.51	3.40	1.83	1.83	1.82
3	7.91	7.91	2.84	1.82	1.82	1.81
3	6.31	6.31	2.27	1.80	1.80	1.80
3	4.73	4.73	1.70	1.79	1.79	1.79
3	3.15	3.14	1.13	1.78	1.78	1.78
3	1.57	1.57	0.57	1.77	1.77	1.77
3	0.00	0.00	0.00	1.76	1.76	1.76

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.80	155.30	10.97	144.33	120.98	23.35
1	29.54	171.40	11.13	160.27	136.91	23.36
1	29.29	187.48	11.28	176.20	152.82	23.38
1	29.03	203.56	11.44	192.12	168.73	23.39
1	28.78	219.62	11.60	208.03	184.62	23.40
1	28.52	235.67	11.75	223.92	200.50	23.42
1	28.27	251.71	11.91	239.80	216.38	23.43
1	28.01	267.74	12.07	255.67	232.23	23.44
1	27.76	283.76	12.24	271.52	248.08	23.44
1	27.51	299.77	12.40	287.37	263.92	23.45
1	27.25	315.76	12.56	303.20	279.74	23.46
1	27.00	331.74	12.73	319.01	295.55	23.46

1	26.74	347.71	12.89	334.82	311.35	23.46
1	26.49	363.67	13.06	350.61	327.14	23.47
1	26.24	379.61	13.23	366.38	342.91	23.47
1	25.99	395.54	13.40	382.15	358.68	23.47
2	25.99	395.54	13.40	382.15	358.68	23.47
2	25.30	453.86	21.18	432.68	401.28	31.40
2	24.62	512.09	34.00	478.09	443.79	34.30
2	23.94	570.20	49.69	520.51	486.19	34.32
2	23.27	628.17	65.40	562.77	528.45	34.32
2	22.59	686.01	81.12	604.90	570.57	34.32
2	21.92	743.73	97.58	646.15	612.58	33.57
2	21.25	801.27	114.06	687.22	654.41	32.81
2	20.58	858.63	130.24	728.39	696.05	32.34
2	19.92	915.79	146.43	769.36	737.50	31.86
2	19.25	972.76	162.62	810.14	778.76	31.39
2	18.60	1029.54	178.78	850.76	819.82	30.94
2	17.94	1086.13	194.87	891.26	860.69	30.56
2	17.29	1142.53	210.82	931.70	901.38	30.33
2	16.64	1198.74	226.55	972.19	941.87	30.32
2	15.99	1254.76	241.94	1012.82	982.18	30.64
2	15.99	1254.76	241.94	1012.82	982.18	30.64
3	14.36	1414.47	297.45	1117.02	1084.22	32.80
3	12.73	1573.65	353.60	1220.05	1185.73	34.32
3	11.11	1732.28	411.28	1321.00	1286.68	34.32
3	9.51	1890.31	468.95	1421.36	1387.04	34.32
3	7.91	2047.82	526.62	1521.19	1486.87	34.32
3	6.31	2204.91	585.06	1619.85	1586.29	33.56

3	4.73	2361.64	642.72	1718.92	1685.35	33.57
3	3.14	2517.99	700.55	1817.44	1784.03	33.41
3	1.57	2673.98	760.80	1913.18	1882.34	30.83
3	0.00	2829.55	833.62	1995.92	1980.24	15.68

Time = 30. Degree of Consolidation = 27.%

Total Settlement = 0.198

Settlement at End of Primary Consolidation = 0.732

Settlement caused by Primary Consolidation at time 30. = 0.198

Settlement caused by Secondary Compression at time 30. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	3.25	1.94	0.32	9.11	9.11	9.11
4	3.14	1.83	0.31	9.11	8.12	8.08
4	3.02	1.74	0.30	9.11	7.15	7.06
4	2.91	1.65	0.29	9.11	6.24	6.03
4	2.80	1.57	0.28	9.11	5.44	5.00
4	2.69	1.51	0.27	9.11	4.90	4.78
4	2.57	1.44	0.25	9.11	4.77	4.77
4	2.46	1.38	0.24	9.11	4.76	4.76
4	2.35	1.31	0.23	9.11	4.76	4.74
4	2.24	1.25	0.22	9.11	4.75	4.60
4	2.12	1.19	0.21	9.11	4.75	4.36

4	2.01	1.12	0.20	9.11	4.75	4.13
4	1.90	1.06	0.19	9.11	4.75	3.89
4	1.79	0.99	0.18	9.11	4.75	3.65
4	1.68	0.93	0.17	9.11	4.74	3.41
4	1.56	0.87	0.15	9.11	4.74	3.18
4	1.45	0.80	0.14	9.11	4.73	2.94
4	1.34	0.74	0.13	9.11	4.71	2.70
4	1.22	0.67	0.12	9.11	4.68	2.46
4	1.11	0.61	0.11	9.11	4.65	2.23
4	1.00	0.55	0.10	9.11	4.61	1.99
4	1.00	0.55	0.10	9.11	4.61	1.99
4	0.90	0.49	0.09	9.11	4.57	1.78
4	0.80	0.44	0.08	9.11	4.54	1.74
4	0.70	0.38	0.07	9.11	4.51	1.73
4	0.60	0.33	0.06	9.11	4.49	1.73
4	0.50	0.28	0.05	9.11	4.54	1.72
4	0.40	0.22	0.04	9.11	4.57	1.72
4	0.30	0.17	0.03	9.11	4.58	1.71
4	0.20	0.11	0.02	9.11	4.58	1.71
4	0.10	0.05	0.01	9.11	4.57	1.70
4	0.00	0.00	0.00	9.11	4.55	1.70

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	1.94	0.00	0.00	0.00	0.00	0.00
4	1.83	7.86	1.15	6.71	6.67	0.04
4	1.74	15.04	2.27	12.77	12.67	0.11

4	1.65	21.57	3.33	18.24	18.01	0.24
4	1.57	27.49	4.25	23.24	22.74	0.50
4	1.51	32.93	4.87	28.05	26.99	1.07
4	1.44	38.16	6.77	31.38	31.03	0.36
4	1.38	43.35	8.13	35.21	35.03	0.18
4	1.31	48.53	8.44	40.09	39.03	1.07
4	1.25	53.72	8.62	45.10	43.02	2.07
4	1.19	58.90	8.79	50.10	47.02	3.09
4	1.12	64.08	8.98	55.10	51.01	4.09
4	1.06	69.26	9.19	60.07	55.00	5.07
4	0.99	74.44	9.43	65.01	58.99	6.01
4	0.93	79.61	9.76	69.86	62.98	6.88
4	0.87	84.79	10.01	74.77	66.97	7.81
4	0.80	89.96	10.07	79.89	70.95	8.94
4	0.74	95.11	10.16	84.95	74.92	10.03
4	0.67	100.26	10.30	89.96	78.87	11.09
4	0.61	105.38	10.47	94.90	82.80	12.10
4	0.55	110.47	10.67	99.80	86.71	13.09
4	0.55	110.47	10.67	99.80	86.71	13.09
4	0.49	114.98	10.84	104.13	90.16	13.97
4	0.44	119.46	11.01	108.45	93.59	14.86
4	0.38	123.93	11.15	112.78	97.00	15.78
4	0.33	128.38	11.26	117.11	100.39	16.72
4	0.28	132.84	11.01	121.82	103.79	18.03
4	0.22	137.32	10.86	126.46	107.22	19.24
4	0.17	141.82	10.79	131.03	110.66	20.36
4	0.11	146.32	10.80	135.52	114.11	21.41

4	0.05	150.82	10.87	139.95	117.55	22.40
4	0.00	155.30	10.97	144.33	120.98	23.35

Time = 30. Degree of Consolidation = 74.%

Total Settlement = 1.311

Settlement at End of Primary Consolidation = 1.774

Settlement caused by Primary Consolidation at time 30. = 1.311

Settlement caused by Secondary Compression at time 30. = 0.000

Surface Elevation = 1.74

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****			***** Void Ratios *****			
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.78	8.38	19.71	18.66	14.48
1	29.73	29.53	8.37	19.69	18.64	14.46
1	29.46	29.27	8.36	19.68	18.63	14.45
1	29.19	29.02	8.34	19.66	18.61	14.43
1	28.92	28.76	8.33	19.65	18.60	14.42
1	28.66	28.51	8.32	19.63	18.59	14.40
1	28.39	28.26	8.31	19.62	18.57	14.39
1	28.12	28.00	8.29	19.60	18.56	14.37
1	27.86	27.75	8.28	19.59	18.54	14.35
1	27.59	27.50	8.27	19.57	18.53	14.34
1	27.32	27.24	8.25	19.56	18.51	14.32
1	27.06	26.99	8.24	19.54	18.50	14.31

1	26.79	26.74	8.23	19.53	18.48	14.29
1	26.52	26.49	8.21	19.51	18.47	14.28
1	26.26	26.23	8.20	19.50	18.45	14.26
1	25.99	25.98	8.19	19.48	18.44	14.25
2	25.99	25.98	8.19	3.08	3.07	3.03
2	25.31	25.30	8.02	3.07	3.06	3.02
2	24.63	24.62	7.85	3.05	3.05	3.01
2	23.95	23.94	7.68	3.04	3.04	2.99
2	23.27	23.26	7.52	3.03	3.03	2.97
2	22.60	22.59	7.35	3.02	3.02	2.96
2	21.92	21.91	7.18	3.00	3.00	2.94
2	21.25	21.24	7.01	2.99	2.98	2.92
2	20.59	20.58	6.85	2.97	2.96	2.90
2	19.92	19.91	6.68	2.95	2.95	2.88
2	19.26	19.25	6.51	2.93	2.93	2.87
2	18.60	18.59	6.34	2.91	2.91	2.85
2	17.95	17.94	6.17	2.90	2.89	2.83
2	17.29	17.29	6.01	2.88	2.87	2.81
2	16.64	16.64	5.84	2.86	2.85	2.79
2	16.00	15.99	5.67	2.84	2.84	2.76
3	16.00	15.99	5.67	1.89	1.89	1.88
3	14.36	14.36	5.10	1.88	1.88	1.86
3	12.73	12.73	4.54	1.86	1.86	1.84
3	11.12	11.11	3.97	1.84	1.84	1.83
3	9.51	9.51	3.40	1.83	1.83	1.82
3	7.91	7.91	2.84	1.82	1.82	1.80
3	6.31	6.31	2.27	1.80	1.80	1.79

3	4.73	4.73	1.70	1.79	1.79	1.78
3	3.15	3.14	1.13	1.78	1.78	1.77
3	1.57	1.57	0.57	1.77	1.77	1.76
3	0.00	0.00	0.00	1.76	1.76	1.75

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.78	258.06	11.69	246.37	199.98	46.39
1	29.53	274.10	11.85	262.26	215.85	46.40
1	29.27	290.14	12.00	278.13	231.72	46.42
1	29.02	306.16	12.16	294.00	247.57	46.43
1	28.76	322.17	12.32	309.85	263.41	46.44
1	28.51	338.17	12.48	325.69	279.24	46.46
1	28.26	354.16	12.64	341.52	295.06	46.47
1	28.00	370.13	12.80	357.34	310.86	46.47
1	27.75	386.10	12.96	373.14	326.66	46.48
1	27.50	402.05	13.12	388.93	342.44	46.49
1	27.24	417.99	13.28	404.71	358.21	46.50
1	26.99	433.92	13.45	420.47	373.97	46.50
1	26.74	449.84	13.61	436.22	389.72	46.50
1	26.49	465.74	13.78	451.96	405.45	46.51
1	26.23	481.63	13.95	467.68	421.18	46.51
1	25.98	497.51	14.12	483.39	436.89	46.51
1	25.98	497.51	14.12	483.39	436.89	46.51
2	25.30	555.82	22.37	533.45	479.48	53.97
2	24.62	614.04	34.32	579.72	521.99	57.73
2	23.94	672.15	49.69	622.46	564.38	58.08

2	23.26	730.12	65.40	664.72	606.64	58.08
2	22.59	787.97	81.12	706.85	648.77	58.08
2	21.91	845.68	98.10	747.58	690.77	56.82
2	21.24	903.22	114.86	788.35	732.59	55.76
2	20.58	960.56	131.33	829.23	774.22	55.01
2	19.91	1017.71	147.77	869.94	815.66	54.29
2	19.25	1074.66	164.16	910.50	856.90	53.60
2	18.59	1131.42	180.48	950.94	897.94	53.00
2	17.94	1187.99	196.65	991.34	938.79	52.54
2	17.29	1244.37	212.60	1031.76	979.46	52.31
2	16.64	1300.56	228.24	1072.32	1019.93	52.39
2	15.99	1356.56	243.47	1113.09	1060.22	52.87
2	15.99	1356.56	243.47	1113.09	1060.22	52.87
3	14.36	1516.27	297.87	1218.39	1162.25	56.14
3	12.73	1675.45	353.60	1321.84	1263.76	58.08
3	11.11	1834.07	411.28	1422.79	1364.71	58.08
3	9.51	1992.11	468.95	1523.16	1465.07	58.08
3	7.91	2149.61	526.62	1622.99	1564.90	58.08
3	6.31	2306.70	585.34	1721.36	1664.33	57.04
3	4.73	2463.43	643.16	1820.27	1763.38	56.89
3	3.14	2619.78	701.49	1918.29	1862.06	56.23
3	1.57	2775.75	763.77	2011.99	1960.36	51.63
3	0.00	2931.29	840.83	2090.46	2058.22	32.24

Time = 45. Degree of Consolidation = 17.%

Total Settlement = 0.215

Settlement at End of Primary Consolidation = 1.244

0.215 Settlement caused by Primary Consolidation at time 45. =

0.000 Settlement caused by Secondary Compression at time 45. =

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	5.50	3.20	0.54	9.11	9.11	9.11
4	5.27	3.00	0.52	9.11	7.17	7.06
4	5.05	2.84	0.50	9.11	5.48	5.00
4	4.82	2.71	0.48	9.11	4.77	4.77
4	4.60	2.58	0.45	9.11	4.76	4.74
4	4.37	2.45	0.43	9.11	4.76	4.36
4	4.15	2.32	0.41	9.11	4.76	3.89
4	3.92	2.19	0.39	9.11	4.75	3.41
4	3.70	2.06	0.37	9.11	4.75	2.94
4	3.47	1.94	0.34	9.11	4.75	2.46
4	3.25	1.81	0.32	9.11	4.75	1.99
4	3.25	1.81	0.32	9.11	4.75	1.99
4	3.14	1.74	0.31	9.11	4.75	1.75
4	3.02	1.68	0.30	9.11	4.75	1.73
4	2.91	1.62	0.29	9.11	4.75	1.73
4	2.80	1.55	0.28	9.11	4.74	1.72
4	2.69	1.49	0.27	9.11	4.74	1.72
4	2.57	1.43	0.25	9.11	4.74	1.71

4	2.46	1.36	0.24	9.11	4.74	1.71
4	2.35	1.30	0.23	9.11	4.74	1.70
4	2.24	1.23	0.22	9.11	4.73	1.69
4	2.12	1.17	0.21	9.11	4.73	1.69
4	2.01	1.11	0.20	9.11	4.72	1.68
4	1.90	1.04	0.19	9.11	4.70	1.68
4	1.79	0.98	0.18	9.11	4.69	1.67
4	1.68	0.92	0.17	9.11	4.67	1.67
4	1.56	0.85	0.15	9.11	4.65	1.66
4	1.45	0.79	0.14	9.11	4.63	1.65
4	1.34	0.73	0.13	9.11	4.60	1.65
4	1.22	0.67	0.12	9.11	4.58	1.64
4	1.11	0.60	0.11	9.11	4.56	1.64
4	1.00	0.54	0.10	9.11	4.54	1.63
4	1.00	0.54	0.10	9.11	4.54	1.63
4	0.90	0.49	0.09	9.11	4.52	1.63
4	0.80	0.43	0.08	9.11	4.51	1.62
4	0.70	0.38	0.07	9.11	4.50	1.62
4	0.60	0.32	0.06	9.11	4.49	1.61
4	0.50	0.27	0.05	9.11	4.49	1.61
4	0.40	0.22	0.04	9.11	4.48	1.60
4	0.30	0.16	0.03	9.11	4.47	1.60
4	0.20	0.11	0.02	9.11	4.45	1.59
4	0.10	0.05	0.01	9.11	4.43	1.59
4	0.00	0.00	0.00	9.11	4.40	1.58

***** Stresses *****

***** Pore Pressures *****

	XI	Total	Effective	Total	Static	Excess
Material	3.20	0.00	0.00	0.00	0.00	0.00
4	3.00	15.15	2.24	12.90	12.77	0.13
4	2.84	27.57	4.20	23.37	22.81	0.55
4	2.71	38.29	7.13	31.16	31.16	0.00
4	2.58	48.67	8.29	40.38	39.16	1.22
4	2.45	59.04	8.19	50.85	47.16	3.69
4	2.32	69.41	8.45	60.96	55.15	5.80
4	2.19	79.78	8.59	71.19	63.14	8.05
4	2.06	90.14	8.77	81.37	71.13	10.24
4	1.94	100.51	8.95	91.56	79.12	12.44
4	1.81	110.87	9.12	101.74	87.11	14.64
4	1.81	110.87	9.12	101.74	87.11	14.64
4	1.74	116.05	9.21	106.83	91.10	15.74
4	1.68	121.22	9.31	111.92	95.09	16.83
4	1.62	126.40	9.40	117.00	99.08	17.92
4	1.55	131.58	9.51	122.07	103.07	19.01
4	1.49	136.76	9.63	127.13	107.06	20.07
4	1.43	141.93	9.77	132.16	111.04	21.12
4	1.36	147.11	9.96	137.15	115.03	22.12
4	1.30	152.28	10.01	142.27	119.02	23.25
4	1.23	157.45	10.04	147.41	123.00	24.42
4	1.17	162.62	10.07	152.55	126.98	25.57
4	1.11	167.78	10.12	157.66	130.95	26.71
4	1.04	172.93	10.18	162.75	134.91	27.84
4	0.98	178.07	10.26	167.82	138.87	28.95
4	0.92	183.21	10.35	172.85	142.81	30.04

4	0.85	188.32	10.46	177.87	146.74	31.12
4	0.79	193.43	10.57	182.85	150.66	32.20
4	0.73	198.51	10.69	187.82	154.55	33.27
4	0.67	203.58	10.80	192.78	158.44	34.34
4	0.60	208.64	10.91	197.72	162.30	35.42
4	0.54	213.68	11.01	202.67	166.15	36.51
4	0.54	213.68	11.01	202.67	166.15	36.51
4	0.49	218.14	11.10	207.05	169.57	37.48
4	0.43	222.60	11.17	211.44	172.97	38.47
4	0.38	227.06	11.22	215.83	176.37	39.47
4	0.32	231.50	11.26	220.24	179.75	40.48
4	0.27	235.94	11.27	224.67	183.14	41.53
4	0.22	240.38	11.30	229.09	186.52	42.56
4	0.16	244.82	11.35	233.47	189.90	43.56
4	0.11	249.25	11.44	237.81	193.28	44.53
4	0.05	253.66	11.55	242.11	196.63	45.47
4	0.00	258.06	11.69	246.37	199.98	46.39

Time = 45. Degree of Consolidation = 67.%

Total Settlement = 2.295

Settlement at End of Primary Consolidation = 3.437

Settlement caused by Primary Consolidation at time 45. = 2.295

Settlement caused by Secondary Compression at time 45. = 0.000

Surface Elevation = 2.99

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****

***** Void Ratios *****

	A	XI	Z	Einitial	E	Eeop
Material						
1	29.99	29.64	8.38	19.71	18.09	14.48
1	29.73	29.39	8.37	19.69	18.07	14.46
1	29.46	29.14	8.36	19.68	18.06	14.45
1	29.19	28.90	8.34	19.66	18.05	14.43
1	28.92	28.65	8.33	19.65	18.03	14.42
1	28.66	28.41	8.32	19.63	18.02	14.40
1	28.39	28.16	8.31	19.62	18.00	14.39
1	28.12	27.91	8.29	19.60	17.99	14.37
1	27.86	27.67	8.28	19.59	17.97	14.35
1	27.59	27.42	8.27	19.57	17.96	14.34
1	27.32	27.18	8.25	19.56	17.94	14.32
1	27.06	26.93	8.24	19.54	17.93	14.31
1	26.79	26.69	8.23	19.53	17.91	14.29
1	26.52	26.44	8.21	19.51	17.90	14.28
1	26.26	26.20	8.20	19.50	17.88	14.26
1	25.99	25.95	8.19	19.48	17.87	14.25
2	25.99	25.95	8.19	3.08	3.06	3.03
2	25.31	25.27	8.02	3.07	3.06	3.02
2	24.63	24.59	7.85	3.05	3.05	3.01
2	23.95	23.91	7.68	3.04	3.04	2.99
2	23.27	23.23	7.52	3.03	3.03	2.97
2	22.60	22.56	7.35	3.02	3.01	2.96
2	21.92	21.89	7.18	3.00	3.00	2.94
2	21.25	21.22	7.01	2.99	2.97	2.92

2	20.59	20.55	6.85	2.97	2.95	2.90
2	19.92	19.89	6.68	2.95	2.93	2.88
2	19.26	19.23	6.51	2.93	2.91	2.87
2	18.60	18.58	6.34	2.91	2.89	2.85
2	17.95	17.92	6.17	2.90	2.88	2.83
2	17.29	17.27	6.01	2.88	2.86	2.81
2	16.64	16.63	5.84	2.86	2.84	2.79
2	16.00	15.99	5.67	2.84	2.82	2.76
2	16.00	15.99	5.67	1.89	1.89	1.88
3	14.36	14.35	5.10	1.88	1.88	1.86
3	12.73	12.72	4.54	1.86	1.86	1.84
3	11.12	11.11	3.97	1.84	1.84	1.83
3	9.51	9.50	3.40	1.83	1.83	1.82
3	7.91	7.90	2.84	1.82	1.82	1.80
3	6.31	6.31	2.27	1.80	1.80	1.79
3	4.73	4.72	1.70	1.79	1.79	1.78
3	3.15	3.14	1.13	1.78	1.78	1.77
3	1.57	1.57	0.57	1.77	1.77	1.76
3	0.00	0.00	0.00	1.76	1.75	1.75

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.64	239.44	18.02	221.43	181.36	40.07
1	29.39	255.03	18.17	236.86	196.77	40.08
1	29.14	270.60	18.32	252.28	212.18	40.10
1	28.90	286.16	18.48	267.68	227.57	40.11
1	28.65	301.71	18.64	283.08	242.95	40.13

1	28.41	317.25	18.79	298.46	258.32	40.14
1	28.16	332.78	18.95	313.83	273.68	40.15
1	27.91	348.30	19.11	329.19	289.03	40.16
1	27.67	363.80	19.27	344.53	304.36	40.17
1	27.42	379.29	19.44	359.86	319.69	40.17
1	27.18	394.78	19.60	375.18	335.00	40.18
1	26.93	410.24	19.76	390.48	350.30	40.19
1	26.69	425.70	19.93	405.77	365.58	40.19
1	26.44	441.15	20.10	421.05	380.86	40.19
1	26.20	456.58	20.26	436.32	396.12	40.19
1	25.95	472.00	20.43	451.57	411.37	40.20
2	25.95	472.00	20.43	451.57	411.37	40.20
2	25.27	530.26	27.67	502.59	453.91	48.67
2	24.59	588.44	37.33	551.11	496.39	54.72
2	23.91	646.54	49.69	596.85	538.77	58.08
2	23.23	704.50	65.40	639.10	581.02	58.08
2	22.56	762.35	81.48	680.87	623.15	57.72
2	21.89	820.03	103.83	716.21	665.12	51.09
2	21.22	877.49	123.66	753.83	706.86	46.97
2	20.55	934.71	142.21	792.51	748.37	44.13
2	19.89	991.72	160.00	831.72	789.67	42.05
2	19.23	1048.53	177.21	871.32	830.76	40.56
2	18.58	1105.13	193.90	911.23	871.65	39.58
2	17.92	1161.54	210.13	951.41	912.34	39.07
2	17.27	1217.75	225.94	991.81	952.84	38.97
2	16.63	1273.79	241.39	1032.39	993.16	39.23
2	15.99	1329.63	255.47	1074.16	1033.29	40.87

3	15.99	1329.63	255.47	1074.16	1033.29	40.87
3	14.35	1489.28	301.77	1187.51	1135.27	52.25
3	12.72	1648.44	353.60	1294.84	1236.76	58.08
3	11.11	1807.07	411.28	1395.79	1337.71	58.08
3	9.50	1965.10	468.95	1496.15	1438.07	58.08
3	7.90	2122.61	526.62	1595.99	1537.91	58.08
3	6.31	2279.69	588.70	1691.00	1637.32	53.68
3	4.72	2436.38	650.86	1785.52	1736.33	49.19
3	3.14	2592.67	716.26	1876.41	1834.94	41.46
3	1.57	2748.51	788.88	1959.63	1933.12	26.51
3	0.00	2903.86	873.07	2030.79	2030.79	0.00

Time = 180. Degree of Consolidation = 29.%

Total Settlement = 0.356

Settlement at End of Primary Consolidation = 1.244

Settlement caused by Primary Consolidation at time 180. = 0.356

Settlement caused by Secondary Compression at time 180. = 0.000

*****Current Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
4	5.50	2.91	0.54	9.11	9.11	9.11
4	5.27	2.70	0.52	9.11	7.17	7.06
4	5.05	2.54	0.50	9.11	5.47	5.00
4	4.82	2.41	0.48	9.11	4.77	4.77

4	4.60	2.28	0.45	9.11	4.74	4.74
4	4.37	2.15	0.43	9.11	4.60	4.36
4	4.15	2.03	0.41	9.11	4.52	3.89
4	3.92	1.91	0.39	9.11	4.47	3.41
4	3.70	1.79	0.37	9.11	4.42	2.94
4	3.47	1.67	0.34	9.11	4.37	2.46
4	3.25	1.55	0.32	9.11	4.32	1.99
4	3.25	1.55	0.32	9.11	4.32	1.99
4	3.14	1.49	0.31	9.11	4.30	1.75
4	3.02	1.43	0.30	9.11	4.27	1.73
4	2.91	1.37	0.29	9.11	4.24	1.73
4	2.80	1.31	0.28	9.11	4.21	1.72
4	2.69	1.25	0.27	9.11	4.19	1.72
4	2.57	1.20	0.25	9.11	4.15	1.71
4	2.46	1.14	0.24	9.11	4.12	1.71
4	2.35	1.08	0.23	9.11	4.09	1.70
4	2.24	1.03	0.22	9.11	4.06	1.69
4	2.12	0.97	0.21	9.11	4.02	1.69
4	2.01	0.92	0.20	9.11	3.99	1.68
4	1.90	0.86	0.19	9.11	3.95	1.68
4	1.79	0.80	0.18	9.11	3.91	1.67
4	1.68	0.75	0.17	9.11	3.87	1.67
4	1.56	0.70	0.15	9.11	3.83	1.66
4	1.45	0.64	0.14	9.11	3.79	1.65
4	1.34	0.59	0.13	9.11	3.75	1.65
4	1.22	0.54	0.12	9.11	3.70	1.64
4	1.11	0.49	0.11	9.11	3.66	1.64

4	1.00	0.43	0.10	9.11	3.61	1.63
4	1.00	0.43	0.10	9.11	3.61	1.63
4	0.90	0.39	0.09	9.11	3.57	1.63
4	0.80	0.34	0.08	9.11	3.53	1.62
4	0.70	0.30	0.07	9.11	3.48	1.62
4	0.60	0.25	0.06	9.11	3.44	1.61
4	0.50	0.21	0.05	9.11	3.39	1.61
4	0.40	0.17	0.04	9.11	3.34	1.60
4	0.30	0.13	0.03	9.11	3.29	1.60
4	0.20	0.08	0.02	9.11	3.24	1.59
4	0.10	0.04	0.01	9.11	3.19	1.59
4	0.00	0.00	0.00	9.11	3.14	1.58

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.91	0.00	0.00	0.00	0.00	0.00
4	2.70	15.15	2.25	12.90	12.77	0.13
4	2.54	27.55	4.22	23.33	22.79	0.53
4	2.41	38.24	7.13	31.11	31.11	0.00
4	2.28	48.63	9.50	39.13	39.13	0.00
4	2.15	58.87	10.72	48.15	46.99	1.16
4	2.03	68.96	11.11	57.85	54.70	3.15
4	1.91	78.96	11.37	67.60	62.33	5.26
4	1.79	88.90	11.60	77.30	69.89	7.41
4	1.67	98.77	11.84	86.93	77.38	9.55
4	1.55	108.57	12.09	96.48	84.81	11.67
4	1.55	108.57	12.09	96.48	84.81	11.67

4	1.49	113.45	12.21	101.23	88.50	12.74
4	1.43	118.30	12.34	105.96	92.17	13.79
4	1.37	123.14	12.48	110.66	95.82	14.84
4	1.31	127.96	12.63	115.34	99.45	15.89
4	1.25	132.76	12.77	119.99	103.06	16.93
4	1.20	137.54	12.93	124.61	106.65	17.96
4	1.14	142.29	13.09	129.21	110.22	18.99
4	1.08	147.03	13.25	133.78	113.76	20.01
4	1.03	151.74	13.42	138.32	117.28	21.03
4	0.97	156.42	13.59	142.83	120.78	22.05
4	0.92	161.09	13.77	147.31	124.26	23.06
4	0.86	165.72	13.96	151.76	127.71	24.06
4	0.80	170.33	14.15	156.18	131.13	25.06
4	0.75	174.92	14.35	160.57	134.52	26.05
4	0.70	179.47	14.55	164.93	137.89	27.03
4	0.64	184.00	14.76	169.25	141.23	28.01
4	0.59	188.50	14.97	173.53	144.54	28.99
4	0.54	192.97	15.19	177.78	147.82	29.96
4	0.49	197.41	15.41	181.99	151.07	30.92
4	0.43	201.81	15.65	186.17	154.29	31.88
4	0.43	201.81	15.65	186.17	154.29	31.88
4	0.39	205.70	15.85	189.85	157.12	32.73
4	0.34	209.57	16.06	193.50	159.93	33.57
4	0.30	213.40	16.28	197.12	162.71	34.41
4	0.25	217.21	16.51	200.70	165.47	35.24
4	0.21	220.99	16.74	204.25	168.19	36.06
4	0.17	224.74	16.98	207.76	170.89	36.88

4	0.13	228.47	17.23	211.24	173.55	37.69
4	0.08	232.16	17.48	214.67	176.19	38.49
4	0.04	235.82	17.74	218.07	178.79	39.28
4	0.00	239.44	18.02	221.43	181.36	40.07

Time = 180. Degree of Consolidation = 75.%

Total Settlement = 2.594

Settlement at End of Primary Consolidation = 3.437

Settlement caused by Primary Consolidation at time 180. = 2.593

Settlement caused by Secondary Compression at time 180. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 2.55

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.46	8.38	19.71	17.40	14.48
1	29.73	29.22	8.37	19.69	17.38	14.46
1	29.46	28.98	8.36	19.68	17.37	14.45
1	29.19	28.74	8.34	19.66	17.35	14.43
1	28.92	28.50	8.33	19.65	17.34	14.42
1	28.66	28.27	8.32	19.63	17.32	14.40
1	28.39	28.03	8.31	19.62	17.31	14.39
1	28.12	27.79	8.29	19.60	17.29	14.37
1	27.86	27.56	8.28	19.59	17.28	14.35

1	27.59	27.32	8.27	19.57	17.26	14.34
1	27.32	27.08	8.25	19.56	17.25	14.32
1	27.06	26.85	8.24	19.54	17.23	14.31
1	26.79	26.61	8.23	19.53	17.22	14.29
1	26.52	26.38	8.21	19.51	17.20	14.28
1	26.26	26.14	8.20	19.50	17.19	14.26
1	25.99	25.91	8.19	19.48	17.17	14.25
2	25.99	25.91	8.19	3.08	3.06	3.03
2	25.31	25.22	8.02	3.07	3.05	3.02
2	24.63	24.54	7.85	3.05	3.05	3.01
2	23.95	23.87	7.68	3.04	3.04	2.99
2	23.27	23.19	7.52	3.03	3.03	2.97
2	22.60	22.51	7.35	3.02	3.01	2.96
2	21.92	21.84	7.18	3.00	2.98	2.94
2	21.25	21.18	7.01	2.99	2.96	2.92
2	20.59	20.52	6.85	2.97	2.93	2.90
2	19.92	19.86	6.68	2.95	2.91	2.88
2	19.26	19.20	6.51	2.93	2.89	2.87
2	18.60	18.55	6.34	2.91	2.87	2.85
2	17.95	17.90	6.17	2.90	2.85	2.83
2	17.29	17.26	6.01	2.88	2.83	2.81
2	16.64	16.62	5.84	2.86	2.82	2.79
2	16.00	15.98	5.67	2.84	2.80	2.76
3	16.00	15.98	5.67	1.89	1.88	1.88
3	14.36	14.35	5.10	1.88	1.87	1.86
3	12.73	12.72	4.54	1.86	1.86	1.84
3	11.12	11.10	3.97	1.84	1.84	1.83

3	9.51	9.49	3.40	1.83	1.83	1.82
3	7.91	7.89	2.84	1.82	1.82	1.80
3	6.31	6.30	2.27	1.80	1.80	1.79
3	4.73	4.72	1.70	1.79	1.79	1.78
3	3.15	3.14	1.13	1.78	1.78	1.77
3	1.57	1.56	0.57	1.77	1.77	1.76
3	0.00	0.00	0.00	1.76	1.75	1.75

Time = 365. Degree of Consolidation = 43.0%

Total Settlement = 0.538

Settlement at End of Primary Consolidation = 1.244

Settlement caused by Primary Consolidation at time 365. = 0.538

Settlement caused by Secondary Compression at time 365. = 0.000

*****Current Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
4	5.50	2.41	0.54	9.11	9.11	9.11
4	5.27	2.20	0.52	9.11	7.17	7.06
4	5.05	2.04	0.50	9.11	5.47	5.00
4	4.82	1.91	0.48	9.11	4.77	4.77
4	4.60	1.78	0.45	9.11	4.74	4.74
4	4.37	1.66	0.43	9.11	4.36	4.36
4	4.15	1.54	0.41	9.11	3.92	3.89
4	3.92	1.43	0.39	9.11	3.68	3.41

4	3.70	1.33	0.37	9.11	3.52	2.94
4	3.47	1.23	0.34	9.11	3.39	2.46
4	3.25	1.14	0.32	9.11	3.29	1.99
4	3.25	1.14	0.32	9.11	3.29	1.99
4	3.14	1.09	0.31	9.11	3.23	1.75
4	3.02	1.04	0.30	9.11	3.18	1.73
4	2.91	1.00	0.29	9.11	3.13	1.73
4	2.80	0.95	0.28	9.11	3.09	1.72
4	2.69	0.91	0.27	9.11	3.04	1.72
4	2.57	0.86	0.25	9.11	2.99	1.71
4	2.46	0.82	0.24	9.11	2.94	1.71
4	2.35	0.77	0.23	9.11	2.89	1.70
4	2.24	0.73	0.22	9.11	2.84	1.69
4	2.12	0.69	0.21	9.11	2.79	1.69
4	2.01	0.65	0.20	9.11	2.74	1.68
4	1.90	0.60	0.19	9.11	2.69	1.68
4	1.79	0.56	0.18	9.11	2.64	1.67
4	1.68	0.52	0.17	9.11	2.58	1.67
4	1.56	0.48	0.15	9.11	2.53	1.66
4	1.45	0.44	0.14	9.11	2.47	1.65
4	1.34	0.41	0.13	9.11	2.42	1.65
4	1.22	0.37	0.12	9.11	2.36	1.64
4	1.11	0.33	0.11	9.11	2.30	1.64
4	1.00	0.30	0.10	9.11	2.24	1.63
4	1.00	0.30	0.10	9.11	2.24	1.63
4	0.90	0.26	0.09	9.11	2.19	1.63
4	0.80	0.23	0.08	9.11	2.14	1.62

4	0.70	0.20	0.07	9.11	2.09	1.62
4	0.60	0.17	0.06	9.11	2.04	1.61
4	0.50	0.14	0.05	9.11	1.99	1.61
4	0.40	0.11	0.04	9.11	1.93	1.60
4	0.30	0.08	0.03	9.11	1.88	1.60
4	0.20	0.06	0.02	9.11	1.83	1.59
4	0.10	0.03	0.01	9.11	1.78	1.59
4	0.00	0.00	0.00	9.11	1.74	1.58

Time = 365. Degree of Consolidation = 90.%

Total Settlement = 3.093

Settlement at End of Primary Consolidation = 3.437

Settlement caused by Primary Consolidation at time 365. = 3.093

Settlement caused by Secondary Compression at time 365. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.87

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.37	8.38	19.71	17.36	14.48
1	29.73	29.14	8.37	19.69	17.35	14.46
1	29.46	28.90	8.36	19.68	17.33	14.45
1	29.19	28.66	8.34	19.66	17.32	14.43
1	28.92	28.42	8.33	19.65	17.30	14.42

1	28.66	28.19	8.32	19.63	17.29	14.40
1	28.39	27.95	8.31	19.62	17.27	14.39
1	28.12	27.71	8.29	19.60	17.26	14.37
1	27.86	27.48	8.28	19.59	17.24	14.35
1	27.59	27.24	8.27	19.57	17.23	14.34
1	27.32	27.01	8.25	19.56	17.21	14.32
1	27.06	26.77	8.24	19.54	17.20	14.31
1	26.79	26.53	8.23	19.53	17.18	14.29
1	26.52	26.30	8.21	19.51	17.16	14.28
1	26.26	26.06	8.20	19.50	17.15	14.26
1	25.99	25.83	8.19	19.48	17.13	14.25
2	25.99	25.83	8.19	3.08	3.06	3.03
2	25.31	25.15	8.02	3.07	3.04	3.02
2	24.63	24.47	7.85	3.05	3.03	3.01
2	23.95	23.80	7.68	3.04	3.01	2.99
2	23.27	23.13	7.52	3.03	2.98	2.97
2	22.60	22.46	7.35	3.02	2.96	2.96
2	21.92	21.80	7.18	3.00	2.94	2.94
2	21.25	21.14	7.01	2.99	2.92	2.92
2	20.59	20.48	6.85	2.97	2.90	2.90
2	19.92	19.83	6.68	2.95	2.88	2.88
2	19.26	19.18	6.51	2.93	2.87	2.87
2	18.60	18.53	6.34	2.91	2.85	2.85
2	17.95	17.89	6.17	2.90	2.83	2.83
2	17.29	17.24	6.01	2.88	2.81	2.81
2	16.64	16.60	5.84	2.86	2.80	2.79
2	16.00	15.97	5.67	2.84	2.78	2.76

3	16.00	15.97	5.67	1.89	1.88	1.88
3	14.36	14.34	5.10	1.88	1.87	1.86
3	12.73	12.72	4.54	1.86	1.86	1.84
3	11.12	11.10	3.97	1.84	1.84	1.83
3	9.51	9.49	3.40	1.83	1.83	1.82
3	7.91	7.89	2.84	1.82	1.82	1.80
3	6.31	6.30	2.27	1.80	1.80	1.79
3	4.73	4.71	1.70	1.79	1.79	1.78
3	3.15	3.14	1.13	1.78	1.78	1.77
3	1.57	1.56	0.57	1.77	1.77	1.76
3	0.00	0.00	0.00	1.76	1.75	1.75

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.37	190.50	26.05	164.45	132.41	32.04
1	29.14	205.50	26.22	179.28	147.24	32.04
1	28.90	220.48	26.39	194.10	162.06	32.04
1	28.66	235.46	26.56	208.90	176.87	32.04
1	28.42	250.42	26.72	223.70	191.66	32.04
1	28.19	265.37	26.89	238.48	206.44	32.04
1	27.95	280.31	27.06	253.24	221.21	32.04
1	27.71	295.23	27.23	268.00	235.96	32.04
1	27.48	310.15	27.40	282.74	250.71	32.04
1	27.24	325.05	27.57	297.47	265.44	32.04
1	27.01	339.94	27.74	312.19	280.16	32.04
1	26.77	354.81	27.91	326.90	294.86	32.04
1	26.53	369.68	28.08	341.59	309.56	32.04

1	26.30	384.53	28.25	356.28	324.24	32.04
1	26.06	399.37	28.42	370.94	338.91	32.04
1	25.83	414.19	28.59	385.60	353.56	32.04
2	25.83	414.19	28.59	385.60	353.56	32.04
2	25.15	472.34	44.58	427.77	396.00	31.77
2	24.47	530.35	64.59	465.76	438.29	27.47
2	23.80	588.15	92.57	495.58	480.38	15.20
2	23.13	645.69	117.79	527.91	522.21	5.70
2	22.46	702.98	137.57	565.41	563.78	1.63
2	21.80	760.05	154.90	605.14	605.13	0.01
2	21.14	816.92	170.63	646.29	646.29	0.00
2	20.48	873.61	186.34	687.27	687.27	0.00
2	19.83	930.11	202.05	728.05	728.05	0.00
2	19.18	986.42	217.77	768.65	768.65	0.00
2	18.53	1042.55	233.48	809.06	809.06	0.00
2	17.89	1098.49	249.20	849.29	849.29	0.00
2	17.24	1154.24	261.48	892.76	889.33	3.43
2	16.60	1209.81	274.05	935.76	929.19	6.57
2	15.97	1265.19	287.15	978.04	968.85	9.19
2	15.97	1265.19	287.15	978.04	968.85	9.19
3	14.34	1424.55	327.36	1097.19	1070.54	26.65
3	12.72	1583.50	370.20	1213.30	1171.82	41.48
3	11.10	1742.02	416.74	1325.28	1272.66	52.62
3	9.49	1900.03	468.95	1431.09	1373.00	58.08
3	7.89	2057.55	526.62	1530.93	1472.85	58.08
3	6.30	2214.60	598.04	1616.57	1572.23	44.34
3	4.71	2371.21	667.68	1703.53	1671.16	32.37

3	3.14	2527.37	736.23	1791.14	1769.65	21.49
3	1.56	2683.10	804.42	1878.68	1867.71	10.98
3	0.00	2838.40	873.07	1965.33	1965.33	0.00

Time = 1825. Degree of Consolidation = 50.%

Total Settlement = 0.621

Settlement at End of Primary Consolidation = 1.244

Settlement caused by Primary Consolidation at time 1825. = 0.621

Settlement caused by Secondary Compression at time 1825. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	5.50	2.12	0.54	9.11	9.11	9.11
4	5.27	1.92	0.52	9.11	7.06	7.06
4	5.05	1.76	0.50	9.11	5.00	5.00
4	4.82	1.63	0.48	9.11	4.77	4.77
4	4.60	1.51	0.45	9.11	4.74	4.74
4	4.37	1.38	0.43	9.11	4.36	4.36
4	4.15	1.27	0.41	9.11	3.89	3.89
4	3.92	1.16	0.39	9.11	3.41	3.41
4	3.70	1.07	0.37	9.11	2.94	2.94
4	3.47	0.99	0.34	9.11	2.46	2.46
4	3.25	0.92	0.32	9.11	1.99	1.99
4	3.25	0.92	0.32	9.11	1.99	1.99

4	3.14	0.88	0.31	9.11	1.98	1.75
4	3.02	0.85	0.30	9.11	1.97	1.73
4	2.91	0.82	0.29	9.11	1.95	1.73
4	2.80	0.78	0.28	9.11	1.94	1.72
4	2.69	0.75	0.27	9.11	1.93	1.72
4	2.57	0.72	0.25	9.11	1.92	1.71
4	2.46	0.69	0.24	9.11	1.91	1.71
4	2.35	0.65	0.23	9.11	1.90	1.70
4	2.24	0.62	0.22	9.11	1.89	1.69
4	2.12	0.59	0.21	9.11	1.89	1.69
4	2.01	0.56	0.20	9.11	1.88	1.68
4	1.90	0.53	0.19	9.11	1.87	1.68
4	1.79	0.49	0.18	9.11	1.86	1.67
4	1.68	0.46	0.17	9.11	1.85	1.67
4	1.56	0.43	0.15	9.11	1.84	1.66
4	1.45	0.40	0.14	9.11	1.83	1.65
4	1.34	0.37	0.13	9.11	1.83	1.65
4	1.22	0.34	0.12	9.11	1.82	1.64
4	1.11	0.30	0.11	9.11	1.81	1.64
4	1.00	0.27	0.10	9.11	1.80	1.63
4	1.00	0.27	0.10	9.11	1.80	1.63
4	0.90	0.25	0.09	9.11	1.79	1.63
4	0.80	0.22	0.08	9.11	1.79	1.62
4	0.70	0.19	0.07	9.11	1.78	1.62
4	0.60	0.16	0.06	9.11	1.77	1.61
4	0.50	0.14	0.05	9.11	1.77	1.61
4	0.40	0.11	0.04	9.11	1.76	1.60

4	0.30	0.08	0.03	9.11	1.75	1.60
4	0.20	0.05	0.02	9.11	1.75	1.59
4	0.10	0.03	0.01	9.11	1.74	1.59
4	0.00	0.00	0.00	9.11	1.73	1.58

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.12	0.00	0.00	0.00	0.00	0.00
4	1.92	15.29	2.38	12.92	12.92	0.00
4	1.76	27.13	4.75	22.38	22.38	0.00
4	1.63	37.57	7.13	30.45	30.45	0.00
4	1.51	48.00	9.50	38.50	38.50	0.00
4	1.38	58.11	11.88	46.23	46.23	0.00
4	1.27	67.61	14.26	53.35	53.35	0.00
4	1.16	76.44	16.63	59.81	59.81	0.00
4	1.07	84.61	19.01	65.60	65.60	0.00
4	0.99	92.13	21.38	70.74	70.74	0.00
4	0.92	98.98	23.76	75.22	75.22	0.00
4	0.92	98.98	23.76	75.22	75.22	0.00
4	0.88	102.24	23.82	78.42	77.29	1.13
4	0.85	105.49	23.87	81.62	79.35	2.26
4	0.82	108.74	23.93	84.81	81.41	3.40
4	0.78	111.97	23.98	87.99	83.46	4.53
4	0.75	115.20	24.03	91.17	85.50	5.67
4	0.72	118.42	24.08	94.34	87.53	6.81
4	0.69	121.64	24.13	97.51	89.56	7.95
4	0.65	124.84	24.18	100.67	91.58	9.09

4	0.62	128.05	24.23	103.82	93.59	10.23
4	0.59	131.24	24.27	106.97	95.60	11.37
4	0.56	134.43	24.32	110.11	97.60	12.51
4	0.53	137.61	24.36	113.25	99.59	13.66
4	0.49	140.79	24.41	116.38	101.58	14.80
4	0.46	143.96	24.45	119.51	103.56	15.94
4	0.43	147.12	24.49	122.63	105.54	17.09
4	0.40	150.28	24.53	125.75	107.51	18.24
4	0.37	153.43	24.57	128.86	109.48	19.38
4	0.34	156.58	24.62	131.96	111.43	20.53
4	0.30	159.72	24.66	135.07	113.39	21.68
4	0.27	162.86	24.69	138.16	115.33	22.83
4	0.27	162.86	24.69	138.16	115.33	22.83
4	0.25	165.64	24.73	140.91	117.06	23.85
4	0.22	168.42	24.76	143.65	118.78	24.87
4	0.19	171.19	24.80	146.39	120.50	25.89
4	0.16	173.96	24.83	149.13	122.22	26.91
4	0.14	176.73	24.87	151.86	123.93	27.94
4	0.11	179.49	24.90	154.59	125.63	28.96
4	0.08	182.25	24.93	157.32	127.33	29.98
4	0.05	185.00	24.96	160.04	129.03	31.01
4	0.03	187.75	25.00	162.75	130.72	32.03
4	0.00	190.50	26.05	164.45	132.41	32.04

Time = 1825. Degree of Consolidation = 98.%

Total Settlement = 3.378

Settlement at End of Primary Consolidation = 3.437

Settlement caused by Primary Consolidation at time 1825. =
3.375

Settlement caused by Secondary Compression at time 1825. =
0.003

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.50

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.37	8.38	19.71	17.36	14.48
1	29.73	29.14	8.37	19.69	17.35	14.46
1	29.46	28.90	8.36	19.68	17.33	14.45
1	29.19	28.66	8.34	19.66	17.32	14.43
1	28.92	28.42	8.33	19.65	17.30	14.42
1	28.66	28.19	8.32	19.63	17.29	14.40
1	28.39	27.95	8.31	19.62	17.27	14.39
1	28.12	27.71	8.29	19.60	17.26	14.37
1	27.86	27.48	8.28	19.59	17.24	14.35
1	27.59	27.24	8.27	19.57	17.23	14.34
1	27.32	27.01	8.25	19.56	17.21	14.32
1	27.06	26.77	8.24	19.54	17.20	14.31
1	26.79	26.53	8.23	19.53	17.18	14.29
1	26.52	26.30	8.21	19.51	17.16	14.28
1	26.26	26.06	8.20	19.50	17.15	14.26
1	25.99	25.83	8.19	19.48	17.13	14.25

2	25.99	25.83	8.19	3.08	3.06	3.03
2	25.31	25.15	8.02	3.07	3.04	3.02
2	24.63	24.47	7.85	3.05	3.03	3.01
2	23.95	23.80	7.68	3.04	3.01	2.99
2	23.27	23.13	7.52	3.03	2.98	2.97
2	22.60	22.46	7.35	3.02	2.96	2.96
2	21.92	21.80	7.18	3.00	2.94	2.94
2	21.25	21.14	7.01	2.99	2.92	2.92
2	20.59	20.48	6.85	2.97	2.90	2.90
2	19.92	19.83	6.68	2.95	2.88	2.88
2	19.26	19.18	6.51	2.93	2.87	2.87
2	18.60	18.53	6.34	2.91	2.85	2.85
2	17.95	17.89	6.17	2.90	2.83	2.83
2	17.29	17.24	6.01	2.88	2.81	2.81
2	16.64	16.60	5.84	2.86	2.80	2.79
2	16.00	15.97	5.67	2.84	2.78	2.76
2	16.00	15.97	5.67	1.89	1.88	1.88
3	14.36	14.34	5.10	1.88	1.87	1.86
3	12.73	12.72	4.54	1.86	1.86	1.84
3	11.12	11.10	3.97	1.84	1.84	1.83
3	9.51	9.49	3.40	1.83	1.83	1.82
3	7.91	7.89	2.84	1.82	1.82	1.80
3	6.31	6.30	2.27	1.80	1.80	1.79
3	4.73	4.71	1.70	1.79	1.79	1.78
3	3.15	3.14	1.13	1.78	1.78	1.77
3	1.57	1.56	0.57	1.77	1.77	1.76
3	0.00	0.00	0.00	1.76	1.75	1.75

		***** Stresses *****		***** Pore Pressures *****		
	XI	Total	Effective	Total	Static	Excess
Material	29.37	190.50	26.05	164.45	132.41	32.04
1	29.14	205.50	26.22	179.28	147.24	32.04
1	28.90	220.48	26.39	194.10	162.06	32.04
1	28.66	235.46	26.56	208.90	176.87	32.04
1	28.42	250.42	26.72	223.70	191.66	32.04
1	28.19	265.37	26.89	238.48	206.44	32.04
1	27.95	280.31	27.06	253.24	221.21	32.04
1	27.71	295.23	27.23	268.00	235.96	32.04
1	27.48	310.15	27.40	282.74	250.71	32.04
1	27.24	325.05	27.57	297.47	265.44	32.04
1	27.01	339.94	27.74	312.19	280.16	32.04
1	26.77	354.81	27.91	326.90	294.86	32.04
1	26.53	369.68	28.08	341.59	309.56	32.04
1	26.30	384.53	28.25	356.28	324.24	32.04
1	26.06	399.37	28.42	370.94	338.91	32.04
1	25.83	414.19	28.59	385.60	353.56	32.04
1	25.83	414.19	28.59	385.60	353.56	32.04
2	25.15	472.34	44.58	427.76	396.00	31.76
2	24.47	530.35	64.60	465.74	438.29	27.45
2	23.80	588.15	92.59	495.56	480.38	15.18
2	23.13	645.69	117.80	527.89	522.21	5.68
2	22.46	702.98	137.58	565.40	563.78	1.62
2	21.80	760.05	154.91	605.14	605.13	0.01
2	21.14	816.92	170.63	646.29	646.29	0.00

2	20.48	873.61	186.34	687.26	687.26	0.00
2	19.83	930.11	202.05	728.05	728.05	0.00
2	19.18	986.42	217.77	768.65	768.65	0.00
2	18.53	1042.55	233.48	809.06	809.06	0.00
2	17.89	1098.49	249.20	849.29	849.29	0.00
2	17.24	1154.24	261.48	892.76	889.33	3.43
2	16.60	1209.81	274.05	935.76	929.19	6.57
2	15.97	1265.19	287.15	978.04	968.85	9.19
2	15.97	1265.19	287.15	978.04	968.85	9.19
3	14.34	1424.55	327.36	1097.19	1070.54	26.65
3	12.72	1583.50	370.20	1213.30	1171.82	41.48
3	11.10	1742.02	416.74	1325.28	1272.66	52.62
3	9.49	1900.03	468.95	1431.09	1373.00	58.08
3	7.89	2057.55	526.62	1530.93	1472.85	58.08
3	6.30	2214.60	598.04	1616.57	1572.23	44.34
3	4.71	2371.21	667.68	1703.53	1671.16	32.37
3	3.14	2527.37	736.23	1791.14	1769.65	21.49
3	1.56	2683.10	804.42	1878.68	1867.70	10.98
3	0.00	2838.40	873.07	1965.33	1965.33	0.00

Time = 3650. Degree of Consolidation = 50.%

Total Settlement = 0.621

Settlement at End of Primary Consolidation = 1.244

Settlement caused by Primary Consolidation at time 3650. =
0.621

Settlement caused by Secondary Compression at time 3650. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	5.50	2.12	0.54	9.11	9.11	9.11
4	5.27	1.92	0.52	9.11	7.06	7.06
4	5.05	1.76	0.50	9.11	5.00	5.00
4	4.82	1.63	0.48	9.11	4.77	4.77
4	4.60	1.51	0.45	9.11	4.74	4.74
4	4.37	1.38	0.43	9.11	4.36	4.36
4	4.15	1.27	0.41	9.11	3.89	3.89
4	3.92	1.16	0.39	9.11	3.41	3.41
4	3.70	1.07	0.37	9.11	2.94	2.94
4	3.47	0.99	0.34	9.11	2.46	2.46
4	3.25	0.92	0.32	9.11	1.99	1.99
4	3.25	0.92	0.32	9.11	1.99	1.99
4	3.14	0.88	0.31	9.11	1.98	1.75
4	3.02	0.85	0.30	9.11	1.97	1.73
4	2.91	0.82	0.29	9.11	1.95	1.73
4	2.80	0.78	0.28	9.11	1.94	1.72
4	2.69	0.75	0.27	9.11	1.93	1.72
4	2.57	0.72	0.25	9.11	1.92	1.71
4	2.46	0.69	0.24	9.11	1.91	1.71
4	2.35	0.65	0.23	9.11	1.90	1.70
4	2.24	0.62	0.22	9.11	1.89	1.69
4	2.12	0.59	0.21	9.11	1.89	1.69
4	2.01	0.56	0.20	9.11	1.88	1.68

4	1.90	0.53	0.19	9.11	1.87	1.68
4	1.79	0.49	0.18	9.11	1.86	1.67
4	1.68	0.46	0.17	9.11	1.85	1.67
4	1.56	0.43	0.15	9.11	1.84	1.66
4	1.45	0.40	0.14	9.11	1.83	1.65
4	1.34	0.37	0.13	9.11	1.83	1.65
4	1.22	0.34	0.12	9.11	1.82	1.64
4	1.11	0.30	0.11	9.11	1.81	1.64
4	1.00	0.27	0.10	9.11	1.80	1.63
4	1.00	0.27	0.10	9.11	1.80	1.63
4	0.90	0.25	0.09	9.11	1.79	1.63
4	0.80	0.22	0.08	9.11	1.79	1.62
4	0.70	0.19	0.07	9.11	1.78	1.62
4	0.60	0.16	0.06	9.11	1.77	1.61
4	0.50	0.14	0.05	9.11	1.77	1.61
4	0.40	0.11	0.04	9.11	1.76	1.60
4	0.30	0.08	0.03	9.11	1.75	1.60
4	0.20	0.05	0.02	9.11	1.75	1.59
4	0.10	0.03	0.01	9.11	1.74	1.59
4	0.00	0.00	0.00	9.11	1.73	1.58

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.12	0.00	0.00	0.00	0.00	0.00
4	1.92	15.29	2.38	12.92	12.92	0.00
4	1.76	27.13	4.75	22.38	22.38	0.00
4	1.63	37.57	7.13	30.45	30.45	0.00

4	1.51	48.00	9.50	38.50	38.50	0.00
4	1.38	58.11	11.88	46.23	46.23	0.00
4	1.27	67.61	14.26	53.35	53.35	0.00
4	1.16	76.44	16.63	59.81	59.81	0.00
4	1.07	84.61	19.01	65.60	65.60	0.00
4	0.99	92.13	21.38	70.74	70.74	0.00
4	0.92	98.98	23.76	75.22	75.22	0.00
4	0.92	98.98	23.76	75.22	75.22	0.00
4	0.88	102.24	23.82	78.42	77.29	1.13
4	0.85	105.49	23.87	81.62	79.35	2.26
4	0.82	108.74	23.93	84.81	81.41	3.40
4	0.78	111.97	23.98	87.99	83.46	4.53
4	0.75	115.20	24.03	91.17	85.50	5.67
4	0.72	118.42	24.08	94.34	87.53	6.81
4	0.69	121.64	24.13	97.51	89.56	7.95
4	0.65	124.84	24.18	100.67	91.58	9.09
4	0.62	128.05	24.23	103.82	93.59	10.23
4	0.59	131.24	24.27	106.97	95.60	11.37
4	0.56	134.43	24.32	110.11	97.60	12.51
4	0.53	137.61	24.36	113.25	99.59	13.66
4	0.49	140.79	24.41	116.38	101.58	14.80
4	0.46	143.96	24.45	119.51	103.56	15.94
4	0.43	147.12	24.49	122.63	105.54	17.09
4	0.40	150.28	24.53	125.75	107.51	18.24
4	0.37	153.43	24.57	128.86	109.48	19.38
4	0.34	156.58	24.62	131.96	111.43	20.53
4	0.30	159.72	24.66	135.07	113.39	21.68

4	0.27	162.86	24.69	138.16	115.33	22.83
4	0.27	162.86	24.69	138.16	115.33	22.83
4	0.25	165.64	24.73	140.91	117.06	23.85
4	0.22	168.42	24.76	143.65	118.78	24.87
4	0.19	171.19	24.80	146.39	120.50	25.89
4	0.16	173.96	24.83	149.13	122.22	26.91
4	0.14	176.73	24.87	151.86	123.93	27.94
4	0.11	179.49	24.90	154.59	125.63	28.96
4	0.08	182.25	24.93	157.32	127.33	29.98
4	0.05	185.00	24.96	160.04	129.03	31.01
4	0.03	187.75	25.00	162.75	130.72	32.03
4	0.00	190.50	26.05	164.45	132.41	32.04

Time = 3650. Degree of Consolidation = 98.%

Total Settlement = 3.378

Settlement at End of Primary Consolidation = 3.437

Settlement caused by Primary Consolidation at time 3650. = 3.372

Settlement caused by Secondary Compression at time 3650. = 0.006

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.50

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.37	8.38	19.71	17.36	14.48

1	29.73	29.14	8.37	19.69	17.35	14.46
1	29.46	28.90	8.36	19.68	17.33	14.45
1	29.19	28.66	8.34	19.66	17.32	14.43
1	28.92	28.42	8.33	19.65	17.30	14.42
1	28.66	28.19	8.32	19.63	17.29	14.40
1	28.39	27.95	8.31	19.62	17.27	14.39
1	28.12	27.71	8.29	19.60	17.26	14.37
1	27.86	27.48	8.28	19.59	17.24	14.35
1	27.59	27.24	8.27	19.57	17.23	14.34
1	27.32	27.01	8.25	19.56	17.21	14.32
1	27.06	26.77	8.24	19.54	17.20	14.31
1	26.79	26.53	8.23	19.53	17.18	14.29
1	26.52	26.30	8.21	19.51	17.16	14.28
1	26.26	26.06	8.20	19.50	17.15	14.26
1	25.99	25.83	8.19	19.48	17.13	14.25
2	25.99	25.83	8.19	3.08	3.06	3.03
2	25.31	25.15	8.02	3.07	3.04	3.02
2	24.63	24.47	7.85	3.05	3.03	3.01
2	23.95	23.80	7.68	3.04	3.01	2.99
2	23.27	23.13	7.52	3.03	2.98	2.97
2	22.60	22.46	7.35	3.02	2.96	2.96
2	21.92	21.80	7.18	3.00	2.94	2.94
2	21.25	21.14	7.01	2.99	2.92	2.92
2	20.59	20.48	6.85	2.97	2.90	2.90
2	19.92	19.83	6.68	2.95	2.88	2.88
2	19.26	19.18	6.51	2.93	2.87	2.87
2	18.60	18.53	6.34	2.91	2.85	2.85

2	17.95	17.89	6.17	2.90	2.83	2.83
2	17.29	17.24	6.01	2.88	2.81	2.81
2	16.64	16.60	5.84	2.86	2.80	2.79
2	16.00	15.97	5.67	2.84	2.78	2.76
3	16.00	15.97	5.67	1.89	1.88	1.88
3	14.36	14.34	5.10	1.88	1.87	1.86
3	12.73	12.72	4.54	1.86	1.86	1.84
3	11.12	11.10	3.97	1.84	1.84	1.83
3	9.51	9.49	3.40	1.83	1.83	1.82
3	7.91	7.89	2.84	1.82	1.82	1.80
3	6.31	6.30	2.27	1.80	1.80	1.79
3	4.73	4.71	1.70	1.79	1.79	1.78
3	3.15	3.14	1.13	1.78	1.78	1.77
3	1.57	1.56	0.57	1.77	1.77	1.76
3	0.00	0.00	0.00	1.76	1.75	1.75

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.37	190.50	26.05	164.45	132.41	32.04
1	29.14	205.50	26.22	179.28	147.24	32.04
1	28.90	220.48	26.39	194.10	162.06	32.04
1	28.66	235.46	26.56	208.90	176.87	32.04
1	28.42	250.42	26.72	223.70	191.66	32.04
1	28.19	265.37	26.89	238.48	206.44	32.04
1	27.95	280.31	27.06	253.24	221.21	32.04
1	27.71	295.23	27.23	268.00	235.96	32.04
1	27.48	310.15	27.40	282.74	250.71	32.04

1	27.24	325.05	27.57	297.47	265.44	32.04
1	27.01	339.94	27.74	312.19	280.16	32.04
1	26.77	354.81	27.91	326.90	294.86	32.04
1	26.53	369.68	28.08	341.59	309.56	32.04
1	26.30	384.53	28.25	356.28	324.24	32.04
1	26.06	399.37	28.42	370.94	338.91	32.04
1	25.83	414.19	28.59	385.60	353.56	32.04
1	25.83	414.19	28.59	385.60	353.56	32.04
2	25.15	472.34	44.58	427.76	396.00	31.76
2	24.47	530.35	64.60	465.74	438.29	27.45
2	23.80	588.15	92.59	495.56	480.38	15.18
2	23.13	645.69	117.80	527.89	522.21	5.68
2	22.46	702.98	137.58	565.40	563.78	1.62
2	21.80	760.05	154.91	605.14	605.13	0.01
2	21.14	816.92	170.63	646.29	646.29	0.00
2	20.48	873.61	186.34	687.26	687.26	0.00
2	19.83	930.11	202.05	728.05	728.05	0.00
2	19.18	986.42	217.77	768.65	768.65	0.00
2	18.53	1042.55	233.48	809.06	809.06	0.00
2	17.89	1098.49	249.20	849.29	849.29	0.00
2	17.24	1154.24	261.48	892.76	889.33	3.43
2	16.60	1209.81	274.05	935.76	929.19	6.57
2	15.97	1265.19	287.15	978.04	968.85	9.19
2	15.97	1265.19	287.15	978.04	968.85	9.19
3	14.34	1424.55	327.36	1097.19	1070.54	26.65
3	12.72	1583.50	370.20	1213.30	1171.82	41.48
3	11.10	1742.02	416.74	1325.28	1272.66	52.62

3	9.49	1900.03	468.95	1431.09	1373.00	58.08
3	7.89	2057.55	526.62	1530.93	1472.85	58.08
3	6.30	2214.60	598.04	1616.57	1572.23	44.34
3	4.71	2371.21	667.68	1703.53	1671.16	32.37
3	3.14	2527.37	736.23	1791.14	1769.65	21.49
3	1.56	2683.10	804.42	1878.68	1867.70	10.98
3	0.00	2838.40	873.07	1965.33	1965.33	0.00

Time = 5475. Degree of Consolidation = 50.%

Total Settlement = 0.621

Settlement at End of Primary Consolidation = 1.244

Settlement caused by Primary Consolidation at time 5475. = 0.621

Settlement caused by Secondary Compression at time 5475. = 0.000

*****Current Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
4	5.50	2.12	0.54	9.11	9.11	9.11
4	5.27	1.92	0.52	9.11	7.06	7.06
4	5.05	1.76	0.50	9.11	5.00	5.00
4	4.82	1.63	0.48	9.11	4.77	4.77
4	4.60	1.51	0.45	9.11	4.74	4.74
4	4.37	1.38	0.43	9.11	4.36	4.36
4	4.15	1.27	0.41	9.11	3.89	3.89
4	3.92	1.16	0.39	9.11	3.41	3.41

4	3.70	1.07	0.37	9.11	2.94	2.94
4	3.47	0.99	0.34	9.11	2.46	2.46
4	3.25	0.92	0.32	9.11	1.99	1.99
4	3.25	0.92	0.32	9.11	1.99	1.99
4	3.14	0.88	0.31	9.11	1.98	1.75
4	3.02	0.85	0.30	9.11	1.97	1.73
4	2.91	0.82	0.29	9.11	1.95	1.73
4	2.80	0.78	0.28	9.11	1.94	1.72
4	2.69	0.75	0.27	9.11	1.93	1.72
4	2.57	0.72	0.25	9.11	1.92	1.71
4	2.46	0.69	0.24	9.11	1.91	1.71
4	2.35	0.65	0.23	9.11	1.90	1.70
4	2.24	0.62	0.22	9.11	1.89	1.69
4	2.12	0.59	0.21	9.11	1.89	1.69
4	2.01	0.56	0.20	9.11	1.88	1.68
4	1.90	0.53	0.19	9.11	1.87	1.68
4	1.79	0.49	0.18	9.11	1.86	1.67
4	1.68	0.46	0.17	9.11	1.85	1.67
4	1.56	0.43	0.15	9.11	1.84	1.66
4	1.45	0.40	0.14	9.11	1.83	1.65
4	1.34	0.37	0.13	9.11	1.83	1.65
4	1.22	0.34	0.12	9.11	1.82	1.64
4	1.11	0.30	0.11	9.11	1.81	1.64
4	1.00	0.27	0.10	9.11	1.80	1.63
4	1.00	0.27	0.10	9.11	1.80	1.63
4	0.90	0.25	0.09	9.11	1.79	1.63
4	0.80	0.22	0.08	9.11	1.79	1.62

4	0.70	0.19	0.07	9.11	1.78	1.62
4	0.60	0.16	0.06	9.11	1.77	1.61
4	0.50	0.14	0.05	9.11	1.77	1.61
4	0.40	0.11	0.04	9.11	1.76	1.60
4	0.30	0.08	0.03	9.11	1.75	1.60
4	0.20	0.05	0.02	9.11	1.75	1.59
4	0.10	0.03	0.01	9.11	1.74	1.59
4	0.00	0.00	0.00	9.11	1.73	1.58

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.12	0.00	0.00	0.00	0.00	0.00
4	1.92	15.29	2.38	12.92	12.92	0.00
4	1.76	27.13	4.75	22.38	22.38	0.00
4	1.63	37.57	7.13	30.45	30.45	0.00
4	1.51	48.00	9.50	38.50	38.50	0.00
4	1.38	58.11	11.88	46.23	46.23	0.00
4	1.27	67.61	14.26	53.35	53.35	0.00
4	1.16	76.44	16.63	59.81	59.81	0.00
4	1.07	84.61	19.01	65.60	65.60	0.00
4	0.99	92.13	21.38	70.74	70.74	0.00
4	0.92	98.98	23.76	75.22	75.22	0.00
4	0.92	98.98	23.76	75.22	75.22	0.00
4	0.88	102.24	23.82	78.42	77.29	1.13
4	0.85	105.49	23.87	81.62	79.35	2.26
4	0.82	108.74	23.93	84.81	81.41	3.40
4	0.78	111.97	23.98	87.99	83.46	4.53

4	0.75	115.20	24.03	91.17	85.50	5.67
4	0.72	118.42	24.08	94.34	87.53	6.81
4	0.69	121.64	24.13	97.51	89.56	7.95
4	0.65	124.84	24.18	100.67	91.58	9.09
4	0.62	128.05	24.23	103.82	93.59	10.23
4	0.59	131.24	24.27	106.97	95.60	11.37
4	0.56	134.43	24.32	110.11	97.60	12.51
4	0.53	137.61	24.36	113.25	99.59	13.66
4	0.49	140.79	24.41	116.38	101.58	14.80
4	0.46	143.96	24.45	119.51	103.56	15.94
4	0.43	147.12	24.49	122.63	105.54	17.09
4	0.40	150.28	24.53	125.75	107.51	18.24
4	0.37	153.43	24.57	128.86	109.48	19.38
4	0.34	156.58	24.62	131.96	111.43	20.53
4	0.30	159.72	24.66	135.07	113.39	21.68
4	0.27	162.86	24.69	138.16	115.33	22.83
4	0.27	162.86	24.69	138.16	115.33	22.83
4	0.25	165.64	24.73	140.91	117.06	23.85
4	0.22	168.42	24.76	143.65	118.78	24.87
4	0.19	171.19	24.80	146.39	120.50	25.89
4	0.16	173.96	24.83	149.13	122.22	26.91
4	0.14	176.73	24.87	151.86	123.93	27.94
4	0.11	179.49	24.90	154.59	125.63	28.96
4	0.08	182.25	24.93	157.32	127.33	29.98
4	0.05	185.00	24.96	160.04	129.03	31.01
4	0.03	187.75	25.00	162.75	130.72	32.03
4	0.00	190.50	26.05	164.45	132.41	32.04

Time = 5475. Degree of Consolidation = 98.%

Total Settlement = 3.378

Settlement at End of Primary Consolidation = 3.437

Settlement caused by Primary Consolidation at time 5475. =
3.371

Settlement caused by Secondary Compression at time 5475. =
0.007

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.50

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.37	8.38	19.71	17.36	14.48
1	29.73	29.14	8.37	19.69	17.35	14.46
1	29.46	28.90	8.36	19.68	17.33	14.45
1	29.19	28.66	8.34	19.66	17.32	14.43
1	28.92	28.42	8.33	19.65	17.30	14.42
1	28.66	28.19	8.32	19.63	17.29	14.40
1	28.39	27.95	8.31	19.62	17.27	14.39
1	28.12	27.71	8.29	19.60	17.26	14.37
1	27.86	27.48	8.28	19.59	17.24	14.35
1	27.59	27.24	8.27	19.57	17.23	14.34
1	27.32	27.01	8.25	19.56	17.21	14.32
1	27.06	26.77	8.24	19.54	17.20	14.31
1	26.79	26.53	8.23	19.53	17.18	14.29

1	26.52	26.30	8.21	19.51	17.16	14.28
1	26.26	26.06	8.20	19.50	17.15	14.26
1	25.99	25.83	8.19	19.48	17.13	14.25
2	25.99	25.83	8.19	3.08	3.06	3.03
2	25.31	25.15	8.02	3.07	3.04	3.02
2	24.63	24.47	7.85	3.05	3.03	3.01
2	23.95	23.80	7.68	3.04	3.01	2.99
2	23.27	23.13	7.52	3.03	2.98	2.97
2	22.60	22.46	7.35	3.02	2.96	2.96
2	21.92	21.80	7.18	3.00	2.94	2.94
2	21.25	21.14	7.01	2.99	2.92	2.92
2	20.59	20.48	6.85	2.97	2.90	2.90
2	19.92	19.83	6.68	2.95	2.88	2.88
2	19.26	19.18	6.51	2.93	2.87	2.87
2	18.60	18.53	6.34	2.91	2.85	2.85
2	17.95	17.89	6.17	2.90	2.83	2.83
2	17.29	17.24	6.01	2.88	2.81	2.81
2	16.64	16.60	5.84	2.86	2.80	2.79
2	16.00	15.97	5.67	2.84	2.78	2.76
3	16.00	15.97	5.67	1.89	1.88	1.88
3	14.36	14.34	5.10	1.88	1.87	1.86
3	12.73	12.72	4.54	1.86	1.86	1.84
3	11.12	11.10	3.97	1.84	1.84	1.83
3	9.51	9.49	3.40	1.83	1.83	1.82
3	7.91	7.89	2.84	1.82	1.82	1.80
3	6.31	6.30	2.27	1.80	1.80	1.79
3	4.73	4.71	1.70	1.79	1.79	1.78

3	3.15	3.14	1.13	1.78	1.78	1.77
3	1.57	1.56	0.57	1.77	1.77	1.76
3	0.00	0.00	0.00	1.76	1.75	1.75

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.37	190.50	26.05	164.45	132.41	32.04
1	29.14	205.50	26.22	179.28	147.24	32.04
1	28.90	220.48	26.39	194.10	162.06	32.04
1	28.66	235.46	26.56	208.90	176.87	32.04
1	28.42	250.42	26.72	223.70	191.66	32.04
1	28.19	265.37	26.89	238.48	206.44	32.04
1	27.95	280.31	27.06	253.24	221.21	32.04
1	27.71	295.23	27.23	268.00	235.96	32.04
1	27.48	310.15	27.40	282.74	250.71	32.04
1	27.24	325.05	27.57	297.47	265.44	32.04
1	27.01	339.94	27.74	312.19	280.16	32.04
1	26.77	354.81	27.91	326.90	294.86	32.04
1	26.53	369.68	28.08	341.59	309.56	32.04
1	26.30	384.53	28.25	356.28	324.24	32.04
1	26.06	399.37	28.42	370.94	338.91	32.04
1	25.83	414.19	28.59	385.60	353.56	32.04
2	25.83	414.19	28.59	385.60	353.56	32.04
2	25.15	472.34	44.58	427.76	396.00	31.76
2	24.47	530.35	64.60	465.74	438.29	27.45
2	23.80	588.15	92.59	495.56	480.38	15.18
2	23.13	645.69	117.80	527.89	522.21	5.68

2	22.46	702.98	137.58	565.40	563.78	1.62
2	21.80	760.05	154.91	605.14	605.13	0.01
2	21.14	816.92	170.63	646.29	646.29	0.00
2	20.48	873.61	186.34	687.26	687.26	0.00
2	19.83	930.11	202.05	728.05	728.05	0.00
2	19.18	986.42	217.77	768.65	768.65	0.00
2	18.53	1042.55	233.48	809.06	809.06	0.00
2	17.89	1098.49	249.20	849.29	849.29	0.00
2	17.24	1154.24	261.48	892.76	889.33	3.43
2	16.60	1209.81	274.05	935.76	929.19	6.57
2	15.97	1265.19	287.15	978.04	968.85	9.19
2	15.97	1265.19	287.15	978.04	968.85	9.19
3	14.34	1424.55	327.36	1097.19	1070.54	26.65
3	12.72	1583.50	370.20	1213.30	1171.82	41.48
3	11.10	1742.02	416.74	1325.28	1272.66	52.62
3	9.49	1900.03	468.95	1431.09	1373.00	58.08
3	7.89	2057.55	526.62	1530.93	1472.85	58.08
3	6.30	2214.60	598.04	1616.57	1572.23	44.34
3	4.71	2371.21	667.68	1703.53	1671.16	32.37
3	3.14	2527.37	736.23	1791.14	1769.65	21.49
3	1.56	2683.10	804.42	1878.68	1867.70	10.98
3	0.00	2838.40	873.07	1965.33	1965.33	0.00

Time = 7200. Degree of Consolidation = 50.%

Total Settlement = 0.621

Settlement at End of Primary Consolidation = 1.244

Settlement caused by Primary Consolidation at time 7200. =
0.621

Settlement caused by Secondary Compression at time 7200. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	5.50	2.12	0.54	9.11	9.11	9.11
4	5.27	1.92	0.52	9.11	7.06	7.06
4	5.05	1.76	0.50	9.11	5.00	5.00
4	4.82	1.63	0.48	9.11	4.77	4.77
4	4.60	1.51	0.45	9.11	4.74	4.74
4	4.37	1.38	0.43	9.11	4.36	4.36
4	4.15	1.27	0.41	9.11	3.89	3.89
4	3.92	1.16	0.39	9.11	3.41	3.41
4	3.70	1.07	0.37	9.11	2.94	2.94
4	3.47	0.99	0.34	9.11	2.46	2.46
4	3.25	0.92	0.32	9.11	1.99	1.99
4	3.25	0.92	0.32	9.11	1.99	1.99
4	3.14	0.88	0.31	9.11	1.98	1.75
4	3.02	0.85	0.30	9.11	1.97	1.73
4	2.91	0.82	0.29	9.11	1.95	1.73
4	2.80	0.78	0.28	9.11	1.94	1.72
4	2.69	0.75	0.27	9.11	1.93	1.72
4	2.57	0.72	0.25	9.11	1.92	1.71
4	2.46	0.69	0.24	9.11	1.91	1.71
4	2.35	0.65	0.23	9.11	1.90	1.70

4	2.24	0.62	0.22	9.11	1.89	1.69
4	2.12	0.59	0.21	9.11	1.89	1.69
4	2.01	0.56	0.20	9.11	1.88	1.68
4	1.90	0.53	0.19	9.11	1.87	1.68
4	1.79	0.49	0.18	9.11	1.86	1.67
4	1.68	0.46	0.17	9.11	1.85	1.67
4	1.56	0.43	0.15	9.11	1.84	1.66
4	1.45	0.40	0.14	9.11	1.83	1.65
4	1.34	0.37	0.13	9.11	1.83	1.65
4	1.22	0.34	0.12	9.11	1.82	1.64
4	1.11	0.30	0.11	9.11	1.81	1.64
4	1.00	0.27	0.10	9.11	1.80	1.63
4	1.00	0.27	0.10	9.11	1.80	1.63
4	0.90	0.25	0.09	9.11	1.79	1.63
4	0.80	0.22	0.08	9.11	1.79	1.62
4	0.70	0.19	0.07	9.11	1.78	1.62
4	0.60	0.16	0.06	9.11	1.77	1.61
4	0.50	0.14	0.05	9.11	1.77	1.61
4	0.40	0.11	0.04	9.11	1.76	1.60
4	0.30	0.08	0.03	9.11	1.75	1.60
4	0.20	0.05	0.02	9.11	1.75	1.59
4	0.10	0.03	0.01	9.11	1.74	1.59
4	0.00	0.00	0.00	9.11	1.73	1.58

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.12	0.00	0.00	0.00	0.00	0.00

4	1.92	15.29	2.38	12.92	12.92	0.00
4	1.76	27.13	4.75	22.38	22.38	0.00
4	1.63	37.57	7.13	30.45	30.45	0.00
4	1.51	48.00	9.50	38.50	38.50	0.00
4	1.38	58.11	11.88	46.23	46.23	0.00
4	1.27	67.61	14.26	53.35	53.35	0.00
4	1.16	76.44	16.63	59.81	59.81	0.00
4	1.07	84.61	19.01	65.60	65.60	0.00
4	0.99	92.13	21.38	70.74	70.74	0.00
4	0.92	98.98	23.76	75.22	75.22	0.00
4	0.92	98.98	23.76	75.22	75.22	0.00
4	0.88	102.24	23.82	78.42	77.29	1.13
4	0.85	105.49	23.87	81.62	79.35	2.26
4	0.82	108.74	23.93	84.81	81.41	3.40
4	0.78	111.97	23.98	87.99	83.46	4.53
4	0.75	115.20	24.03	91.17	85.50	5.67
4	0.72	118.42	24.08	94.34	87.53	6.81
4	0.69	121.64	24.13	97.51	89.56	7.95
4	0.65	124.84	24.18	100.67	91.58	9.09
4	0.62	128.05	24.23	103.82	93.59	10.23
4	0.59	131.24	24.27	106.97	95.60	11.37
4	0.56	134.43	24.32	110.11	97.60	12.51
4	0.53	137.61	24.36	113.25	99.59	13.66
4	0.49	140.79	24.41	116.38	101.58	14.80
4	0.46	143.96	24.45	119.51	103.56	15.94
4	0.43	147.12	24.49	122.63	105.54	17.09
4	0.40	150.28	24.53	125.75	107.51	18.24

4	0.37	153.43	24.57	128.86	109.48	19.38
4	0.34	156.58	24.62	131.96	111.43	20.53
4	0.30	159.72	24.66	135.07	113.39	21.68
4	0.27	162.86	24.69	138.16	115.33	22.83
4	0.27	162.86	24.69	138.16	115.33	22.83
4	0.25	165.64	24.73	140.91	117.06	23.85
4	0.22	168.42	24.76	143.65	118.78	24.87
4	0.19	171.19	24.80	146.39	120.50	25.89
4	0.16	173.96	24.83	149.13	122.22	26.91
4	0.14	176.73	24.87	151.86	123.93	27.94
4	0.11	179.49	24.90	154.59	125.63	28.96
4	0.08	182.25	24.93	157.32	127.33	29.98
4	0.05	185.00	24.96	160.04	129.03	31.01
4	0.03	187.75	25.00	162.75	130.72	32.03
4	0.00	190.50	26.05	164.45	132.41	32.04

Time = 7200. Degree of Consolidation = 98.%

Total Settlement = 3.378

Settlement at End of Primary Consolidation = 3.437

Settlement caused by Primary Consolidation at time 7200. =
3.369

Settlement caused by Secondary Compression at time 7200. =
0.009

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.50

 Consolidation and desiccation of soft layers---dredged fill

Problem Breton MCA 2&3- 4' FILL

*****Soil data for compressible foundation*****

Material Type	Layer Thickness	Numbers of Sub-layers	Ca/Cc	Cr/Cc	OCR
3	16.00	10	0.098	0.766	1.000
2	12.00	10	0.026	0.199	1.000
1	2.00	10	0.018	0.092	1.000

Material type : 3

Specific Gravity of Solids: 2.58

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	1.800	0.000E	0.174E-03	0.621E-04	-0.227E-04	-0.167E0.104E	
2	1.740	0.100E	0.174E-03	0.635E-04	0.256E-03	-0.278E0.176E	
3	1.710	0.250E	0.106E-03	0.391E-04	0.138E-03	-0.286E0.112E	
4	1.600	0.500E	0.115E-03	0.442E-04	-0.579E-03	-0.357E0.158E	
5	1.500	0.100E	0.402E-03	0.161E-03	-0.102E-03	-0.469E0.754E	
6	1.280	0.200E	0.175E-03	0.768E-04	0.382E-03	-0.455E0.349E	

Material type : 2

Specific Gravity of Solids: 2.62

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	1.780	0.000E	0.298E-03	0.107E-03	-0.387E-04	-0.100E0.107E	
2	1.770	0.100E	0.298E-03	0.108E-03	-0.334E-02	-0.833E0.897E	
3	1.750	0.250E	0.570E-03	0.207E-03	0.821E-03	-0.444E0.921E	
4	1.680	0.500E	0.904E-04	0.337E-04	0.721E-03	-0.375E0.126E	

5 1.550 0.100E 0.161E-03 0.631E-04-0.286E-04-0.375E0.237E
 6 1.280 0.200E 0.103E-03 0.452E-04 0.665E-04-0.370E0.167E

Material type : 1

Specific Gravity of Solids: 1.84

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	24.000	0.000E	0.100E	0.400E-01	0.344E-02	-0.870E0.348E	
2	12.500	0.100E	0.655E-02	0.485E-03	0.288E-02	-0.181E0.879E-02	
3	10.200	0.250E	0.299E-02	0.267E-03	0.950E-04	-0.840E0.224E-01	
4	7.740	0.500E	0.288E-03	0.330E-04	0.699E-04	-0.209E0.688E-02	
5	6.610	0.100E	0.123E-03	0.162E-04	0.934E-05	-0.581E0.940E-02	
6	5.160	0.200E	0.545E-04	0.885E-05	0.505E-05	-0.690E0.610E-02	

*****Soil data for dredged fill*****

Material Type	Specific Gravity	Ca/Cc	Cr/Cc	Saturation Limit	Disiccation Limit	Max. Crust Depth	Crust at DL
4	2.711	0.011	0.048	4.041	2.154	0.321	0.420

Material type : 4

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	9.100	0.000E	0.100E	0.990E-02	0.113E-02	-0.116E0.115E-01	
2	4.800	0.500E	0.292E-01	0.503E-02	0.215E-02	-0.229E0.115E-01	
3	4.740	0.100E	0.300E-02	0.523E-03	0.141E-02	-0.654E0.342E-02	
4	1.740	0.250E	0.198E-02	0.723E-03	0.611E-04	-0.128E0.926E-02	
5	1.620	0.500E	0.870E-03	0.332E-03	0.133E-02	-0.208E0.692E-01	
6	1.380	0.100E	0.577E-03	0.242E-03	-0.965E-05	-0.333E0.808E-01	
7	1.170	0.200E	0.730E-03	0.336E-03	0.366E-04	-0.750E0.252E	
8	0.980	0.400E	0.451E-03	0.228E-03	0.572E-03	-0.105E0.240E	

Summary of lifts and print detail

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Time	Material	Fill	# Sub-	Void	Start	Dessic.	Print
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days	Type	Height	layers	ratio	Day	Month	detail
0.	4	1.0	10	9.10	30.	4	1
11.	4	1.0	10	9.10	180.	4	1
22.	4	1.0	10	9.10	180.	4	1
33.	4	1.0	10	9.10	180.	4	1
45.					180.	4	1
60.					180.	4	1
75.					180.	4	1
120.					180.	4	1
180.					180.	4	1
240.					180.	4	1
365.					180.	4	1
730.					180.	4	1
1095.					180.	4	1
1825.					180.	4	1
3650.					180.	4	1
7300.					180.	4	1

Summary of monthly rainfall and evaporation potential

Month	Rainfall	Evaporation
1	0.160	0.190
2	0.230	0.210
3	0.180	0.320
4	0.410	0.430
5	0.290	0.520
6	0.260	0.630
7	0.830	0.600
8	1.250	0.580
9	0.160	0.510
10	0.660	0.380
11	0.150	0.240
12	0.080	0.190

*****Calculation data*****

tau	Lower layer Void ratio	Lower layer Permeability	drainage path Length
.579E-02	1.280	0.17500E-03	z = 13.16

Summary of desiccation parameters

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Parameter                                     Value
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Surface Drainage Efficiency                    1.00
maximum evaporation efficiency                 0.75
time to desic. after initial fill             30.00
month of initial desiccation                   4
elevation of fixed water table                 1.00
elevation of top of incompres. found.        -30.50
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*****Initial Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.99	10.72	24.00	24.00	22.78
1	29.79	29.79	10.72	23.95	23.95	22.74
1	29.59	29.59	10.71	23.90	23.90	22.69
1	29.39	29.39	10.70	23.85	23.85	22.64
1	29.19	29.19	10.69	23.81	23.81	22.59
1	28.99	28.99	10.68	23.76	23.76	22.54
1	28.79	28.79	10.67	23.71	23.71	22.49
1	28.59	28.59	10.67	23.66	23.66	22.44

1	28.39	28.39	10.66	23.61	23.61	22.39
1	28.19	28.19	10.65	23.56	23.56	22.35
1	27.99	27.99	10.64	23.51	23.51	22.30
2	27.99	27.99	10.64	1.78	1.78	1.78
2	26.78	26.78	10.21	1.78	1.78	1.77
2	25.57	25.57	9.77	1.77	1.77	1.77
2	24.36	24.36	9.33	1.77	1.77	1.76
2	23.15	23.15	8.90	1.76	1.76	1.76
2	21.95	21.95	8.46	1.75	1.75	1.75
2	20.75	20.75	8.02	1.74	1.74	1.74
2	19.55	19.55	7.58	1.73	1.73	1.73
2	18.36	18.36	7.15	1.72	1.72	1.72
2	17.17	17.17	6.71	1.71	1.71	1.70
2	15.99	15.99	6.27	1.70	1.70	1.69
3	15.99	15.99	6.27	1.62	1.62	1.62
3	14.36	14.36	5.65	1.60	1.60	1.60
3	12.73	12.73	5.02	1.59	1.59	1.58
3	11.11	11.11	4.39	1.57	1.57	1.57
3	9.50	9.50	3.76	1.56	1.56	1.56
3	7.90	7.90	3.14	1.55	1.55	1.55
3	6.30	6.30	2.51	1.54	1.54	1.53
3	4.72	4.72	1.88	1.52	1.52	1.52
3	3.14	3.14	1.25	1.51	1.51	1.51
3	1.56	1.56	0.63	1.50	1.50	1.50
3	0.00	0.00	0.00	1.49	1.49	1.48

***** Stresses *****

***** Pore Pressures *****

	XI	Total	Effective	Total	Static	Excess
Material	29.99	104.17	0.00	104.17	93.60	10.57
1	29.79	117.18	0.42	116.76	106.19	10.57
1	29.59	130.17	0.85	129.32	118.75	10.57
1	29.39	143.14	1.27	141.86	131.29	10.57
1	29.19	156.07	1.69	154.38	143.81	10.57
1	28.99	168.99	2.12	166.87	156.30	10.57
1	28.79	181.88	2.54	179.34	168.77	10.57
1	28.59	194.74	2.96	191.78	181.21	10.57
1	28.39	207.58	3.39	204.20	193.63	10.57
1	28.19	220.40	3.81	216.59	206.02	10.57
1	27.99	233.19	4.23	228.96	218.39	10.57
1	27.99	233.19	4.23	228.96	218.39	10.57
2	26.78	353.05	48.39	304.66	294.09	10.57
2	25.57	472.80	92.55	380.25	369.68	10.57
2	24.36	592.42	136.71	455.71	445.13	10.57
2	23.15	711.86	180.87	530.99	520.42	10.57
2	21.95	831.15	225.03	606.13	595.56	10.57
2	20.75	950.26	269.19	681.07	670.50	10.57
2	19.55	1069.06	313.34	755.72	745.15	10.57
2	18.36	1187.53	357.50	830.03	819.46	10.57
2	17.17	1305.66	401.66	904.00	893.43	10.57
2	15.99	1423.45	445.82	977.63	967.06	10.57
2	15.99	1423.45	445.82	977.63	967.06	10.57
3	14.36	1587.45	507.68	1079.78	1069.20	10.57
3	12.73	1750.80	569.54	1181.26	1170.69	10.57
3	11.11	1913.66	631.39	1282.27	1271.70	10.57
3						

3	9.50	2076.04	693.25	1382.79	1372.22	10.57
3	7.90	2237.93	755.11	1482.82	1472.25	10.57
3	6.30	2399.34	816.97	1582.37	1571.80	10.57
3	4.72	2560.27	878.82	1681.44	1670.87	10.57
3	3.14	2720.71	940.68	1780.02	1769.45	10.57
3	1.56	2880.66	1002.54	1878.12	1867.55	10.57
3	0.00	3040.11	1064.40	1975.72	1965.15	10.57

Time = 0. Degree of Consolidation = 0.%

Total Settlement = 0.000

Settlement at End of Primary Consolidation = 0.121

Settlement caused by Primary Consolidation at time 0. = 0.000

Settlement caused by Secondary Compression at time 0. = 0.000

*****Initial Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
4	1.00	1.00	0.10	9.10	9.10	9.10
4	0.90	0.90	0.09	9.10	9.10	8.19
4	0.80	0.80	0.08	9.10	9.10	7.28
4	0.70	0.70	0.07	9.10	9.10	6.37
4	0.60	0.60	0.06	9.10	9.10	5.46
4	0.50	0.50	0.05	9.10	9.10	4.80
4	0.40	0.40	0.04	9.10	9.10	4.78
4	0.30	0.30	0.03	9.10	9.10	4.77

4	0.20	0.20	0.02	9.10	9.10	4.76
4	0.10	0.10	0.01	9.10	9.10	4.75
4	0.00	0.00	0.00	9.10	9.10	4.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	1.00	31.20	0.00	31.20	31.20	0.00
4	0.90	38.50	0.00	38.50	37.44	1.06
4	0.80	45.79	0.00	45.79	43.68	2.11
4	0.70	53.09	0.00	53.09	49.92	3.17
4	0.60	60.39	0.00	60.39	56.16	4.23
4	0.50	67.69	0.00	67.69	62.40	5.29
4	0.40	74.98	0.00	74.98	68.64	6.34
4	0.30	82.28	0.00	82.28	74.88	7.40
4	0.20	89.58	0.00	89.58	81.12	8.46
4	0.10	96.87	0.00	96.87	87.36	9.51
4	0.00	104.17	0.00	104.17	93.60	10.57

Time = 0. Degree of Consolidation = 0.%

Total Settlement = 0.000

Settlement at End of Primary Consolidation = 0.327

Settlement caused by Primary Consolidation at time 0. = 0.000

Settlement caused by Secondary Compression at time 0. = 0.000

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****

***** Void Ratios *****

	A	XI	Z	Einitial	E	Eeop
Material	29.99	29.94	10.72	24.00	23.41	22.78
1	29.79	29.75	10.72	23.95	23.37	22.74
1	29.59	29.55	10.71	23.90	23.32	22.69
1	29.39	29.35	10.70	23.85	23.28	22.64
1	29.19	29.16	10.69	23.81	23.23	22.59
1	28.99	28.96	10.68	23.76	23.18	22.54
1	28.79	28.77	10.67	23.71	23.14	22.49
1	28.59	28.57	10.67	23.66	23.09	22.44
1	28.39	28.38	10.66	23.61	23.04	22.39
1	28.19	28.18	10.65	23.56	22.99	22.35
1	27.99	27.99	10.64	23.51	22.95	22.30
1	27.99	27.99	10.64	1.78	1.78	1.78
2	26.78	26.78	10.21	1.78	1.78	1.77
2	25.57	25.57	9.77	1.77	1.77	1.77
2	24.36	24.36	9.33	1.77	1.77	1.76
2	23.15	23.15	8.90	1.76	1.76	1.76
2	21.95	21.95	8.46	1.75	1.75	1.75
2	20.75	20.75	8.02	1.74	1.74	1.74
2	19.55	19.55	7.58	1.73	1.73	1.73
2	18.36	18.36	7.15	1.72	1.72	1.72
2	17.17	17.17	6.71	1.71	1.71	1.70
2	15.99	15.99	6.27	1.70	1.70	1.69
2	15.99	15.99	6.27	1.62	1.62	1.62
3	14.36	14.36	5.65	1.60	1.60	1.60
3	12.73	12.73	5.02	1.59	1.59	1.58
3						

3	11.11	11.11	4.39	1.57	1.57	1.57
3	9.50	9.50	3.76	1.56	1.56	1.56
3	7.90	7.90	3.14	1.55	1.55	1.55
3	6.30	6.30	2.51	1.54	1.54	1.53
3	4.72	4.72	1.88	1.52	1.52	1.52
3	3.14	3.14	1.25	1.51	1.51	1.51
3	1.56	1.56	0.63	1.50	1.50	1.50
3	0.00	0.00	0.00	1.49	1.49	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.94	107.26	5.11	102.14	96.69	5.46
1	29.75	119.97	5.50	114.47	108.98	5.49
1	29.55	132.67	5.90	126.77	121.25	5.52
1	29.35	145.34	6.29	139.05	133.50	5.55
1	29.16	157.99	6.69	151.29	145.72	5.57
1	28.96	170.61	7.10	163.52	157.93	5.59
1	28.77	183.22	7.51	175.71	170.10	5.61
1	28.57	195.79	7.92	187.88	182.26	5.62
1	28.38	208.35	8.33	200.02	194.39	5.63
1	28.18	220.88	8.75	212.13	206.50	5.63
1	27.99	233.38	9.17	224.21	218.58	5.64
1	27.99	233.38	9.17	224.21	218.58	5.64
2	26.78	353.24	48.39	304.85	294.28	10.57
2	25.57	472.99	93.48	379.51	369.87	9.64
2	24.36	592.60	136.71	455.89	445.32	10.57
2	23.15	712.04	183.32	528.72	520.60	8.12

2	21.95	831.31	235.60	595.72	595.72	0.00
2	20.75	950.37	274.80	675.57	670.61	4.95
2	19.55	1069.16	313.35	755.82	745.24	10.57
2	18.36	1187.63	357.50	830.12	819.55	10.57
2	17.17	1305.76	401.66	904.10	893.53	10.57
2	15.99	1423.55	445.82	977.73	967.16	10.57
2	15.99	1423.55	445.82	977.73	967.16	10.57
3	14.36	1587.55	507.68	1079.88	1069.30	10.57
3	12.73	1750.89	570.66	1180.23	1170.79	9.45
3	11.11	1913.75	632.66	1281.09	1271.78	9.30
3	9.50	2076.11	694.62	1381.49	1372.29	9.20
3	7.90	2238.00	756.58	1481.42	1472.32	9.10
3	6.30	2399.39	818.54	1580.85	1571.86	9.00
3	4.72	2560.31	880.50	1679.80	1670.91	8.89
3	3.14	2720.73	942.49	1778.24	1769.48	8.76
3	1.56	2880.67	1004.38	1876.29	1867.56	8.73
3	0.00	3040.11	1064.40	1975.72	1965.15	10.57

Time = 11. Degree of Consolidation = 41.%

Total Settlement = 0.049

Settlement at End of Primary Consolidation = 0.121

Settlement caused by Primary Consolidation at time 11. = 0.049

Settlement caused by Secondary Compression at time 11. = 0.000

*****Current Conditions in Dredged Fill*****

***** Coordinates *****			***** Void Ratios *****			
	A	XI	Z	Einitial	E	Eeop
Material	1.00	0.81	0.10	9.10	9.10	9.10
4	0.90	0.71	0.09	9.10	8.78	8.19
4	0.80	0.62	0.08	9.10	8.47	7.28
4	0.70	0.53	0.07	9.10	8.14	6.37
4	0.60	0.44	0.06	9.10	7.78	5.46
4	0.50	0.35	0.05	9.10	7.38	4.80
4	0.40	0.27	0.04	9.10	6.93	4.78
4	0.30	0.20	0.03	9.10	6.43	4.77
4	0.20	0.13	0.02	9.10	5.89	4.76
4	0.10	0.06	0.01	9.10	5.33	4.75
4	0.00	0.00	0.00	9.10	4.80	4.63

***** Stresses *****			***** Pore Pressures *****			
	XI	Total	Effective	Total	Static	Excess
Material	0.81	45.95	0.00	45.95	45.95	0.00
4	0.71	53.15	0.37	52.77	52.09	0.69
4	0.62	60.15	0.73	59.42	58.04	1.38
4	0.53	66.96	1.11	65.84	63.79	2.06
4	0.44	73.55	1.53	72.03	69.33	2.70
4	0.35	79.92	2.00	77.92	74.63	3.29
4	0.27	86.02	2.52	83.50	79.68	3.82
4	0.20	91.83	3.10	88.73	84.43	4.30
4	0.13	97.31	3.73	93.58	88.85	4.73
4	0.06	102.45	4.38	98.07	92.94	5.13
4	0.00	107.26	5.11	102.14	96.69	5.46

Time = 11. Degree of Consolidation = 57.%

Total Settlement = 0.187

Settlement at End of Primary Consolidation = 0.327

Settlement caused by Primary Consolidation at time 11. =
0.187

Settlement caused by Secondary Compression at time 11. =
0.000

Surface Elevation = 0.26

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.93	10.72	24.00	23.33	21.57
1	29.79	29.74	10.72	23.95	23.28	21.52
1	29.59	29.54	10.71	23.90	23.23	21.47
1	29.39	29.35	10.70	23.85	23.18	21.42
1	29.19	29.15	10.69	23.81	23.14	21.37
1	28.99	28.96	10.68	23.76	23.09	21.33
1	28.79	28.76	10.67	23.71	23.04	21.28
1	28.59	28.57	10.67	23.66	22.99	21.23
1	28.39	28.37	10.66	23.61	22.94	21.18
1	28.19	28.18	10.65	23.56	22.89	21.13
1	27.99	27.99	10.64	23.51	22.85	21.08
2	27.99	27.99	10.64	1.78	1.78	1.78
2	26.78	26.77	10.21	1.78	1.78	1.77
2	25.57	25.56	9.77	1.77	1.77	1.77

2	24.36	24.35	9.33	1.77	1.76	1.76
2	23.15	23.15	8.90	1.76	1.76	1.76
2	21.95	21.94	8.46	1.75	1.75	1.75
2	20.75	20.74	8.02	1.74	1.74	1.74
2	19.55	19.55	7.58	1.73	1.73	1.73
2	18.36	18.36	7.15	1.72	1.72	1.71
2	17.17	17.17	6.71	1.71	1.71	1.70
2	15.99	15.99	6.27	1.70	1.70	1.69
3	15.99	15.99	6.27	1.62	1.62	1.61
3	14.36	14.35	5.65	1.60	1.60	1.59
3	12.73	12.73	5.02	1.59	1.59	1.58
3	11.11	11.11	4.39	1.57	1.57	1.57
3	9.50	9.50	3.76	1.56	1.56	1.56
3	7.90	7.90	3.14	1.55	1.55	1.54
3	6.30	6.30	2.51	1.54	1.54	1.53
3	4.72	4.71	1.88	1.52	1.52	1.52
3	3.14	3.14	1.25	1.51	1.51	1.51
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.49	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.93	122.46	5.82	116.64	101.32	15.32
1	29.74	135.14	6.24	128.89	113.57	15.32
1	29.54	147.79	6.67	141.12	125.80	15.32
1	29.35	160.41	7.09	153.33	138.00	15.32
1	29.15	173.01	7.51	165.51	150.18	15.33

1	28.96	185.59	7.93	177.66	162.33	15.33
1	28.76	198.14	8.35	189.79	174.46	15.33
1	28.57	210.67	8.77	201.90	186.57	15.33
1	28.37	223.18	9.20	213.98	198.65	15.33
1	28.18	235.66	9.62	226.04	210.70	15.33
1	27.99	248.11	10.04	238.07	222.74	15.33
1	27.99	248.11	10.04	238.07	222.74	15.33
2	26.77	367.97	48.67	319.30	298.43	20.86
2	25.56	487.71	93.97	393.74	374.02	19.72
2	24.35	607.32	137.78	469.54	449.47	20.07
2	23.15	726.76	187.31	539.45	524.75	14.70
2	21.94	846.01	243.71	602.30	599.84	2.46
2	20.74	965.04	277.65	687.38	674.71	12.68
2	19.55	1083.81	314.14	769.68	749.33	20.35
2	18.36	1202.28	357.50	844.77	823.63	21.14
2	17.17	1320.41	401.66	918.75	897.60	21.14
2	15.99	1438.20	445.82	992.38	971.24	21.14
2	15.99	1438.20	445.82	992.38	971.24	21.14
3	14.35	1602.21	507.68	1094.53	1073.39	21.14
3	12.73	1765.54	571.72	1193.82	1174.86	18.96
3	11.11	1928.39	633.93	1294.46	1275.85	18.61
3	9.50	2090.74	696.00	1394.74	1376.35	18.40
3	7.90	2252.61	758.06	1494.55	1476.36	18.19
3	6.30	2414.00	820.12	1593.88	1575.89	17.99
3	4.71	2574.90	882.19	1692.71	1674.93	17.78
3	3.14	2735.31	944.22	1791.09	1773.49	17.60
3	1.56	2895.24	1005.70	1889.54	1871.56	17.98

3 0.00 3054.67 1064.52 1990.15 1969.13 21.02

Time = 22. Degree of Consolidation = 25.%

Total Settlement = 0.060

Settlement at End of Primary Consolidation = 0.242

Settlement caused by Primary Consolidation at time 22. =
0.060

Settlement caused by Secondary Compression at time 22. =
0.000

*****Current Conditions in Dredged Fill*****

***** Coordinates *****

***** Void Ratios *****

Material	A	XI	Z	Einitial	E	Eeop
4	2.00	1.62	0.20	9.10	9.10	9.10
4	1.90	1.52	0.19	9.10	8.99	8.19
4	1.80	1.43	0.18	9.10	8.88	7.28
4	1.70	1.33	0.17	9.10	8.76	6.37
4	1.60	1.23	0.16	9.10	8.63	5.46
4	1.50	1.14	0.15	9.10	8.48	4.80
4	1.40	1.05	0.14	9.10	8.31	4.78
4	1.30	0.95	0.13	9.10	8.11	4.77
4	1.20	0.86	0.12	9.10	7.89	4.76
4	1.10	0.78	0.11	9.10	7.65	4.75
4	1.00	0.69	0.10	9.10	7.38	4.63
4	1.00	0.69	0.10	9.10	7.38	4.63
4	0.90	0.61	0.09	9.10	7.12	4.41
4	0.80	0.53	0.08	9.10	6.83	4.20

4	0.70	0.46	0.07	9.10	6.54	3.99
4	0.60	0.38	0.06	9.10	6.25	3.78
4	0.50	0.31	0.05	9.10	5.96	3.57
4	0.40	0.25	0.04	9.10	5.68	3.36
4	0.30	0.18	0.03	9.10	5.42	3.15
4	0.20	0.12	0.02	9.10	5.18	2.93
4	0.10	0.06	0.01	9.10	4.98	2.72
4	0.00	0.00	0.00	9.10	4.79	2.51

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	1.62	0.00	0.00	0.00	0.00	0.00
4	1.52	7.26	0.13	7.13	6.20	0.93
4	1.43	14.46	0.26	14.20	12.34	1.85
4	1.33	21.58	0.40	21.18	18.41	2.78
4	1.23	28.63	0.55	28.08	24.40	3.68
4	1.14	35.59	0.72	34.87	30.30	4.57
4	1.05	42.45	0.92	41.53	36.11	5.42
4	0.95	49.20	1.15	48.05	41.80	6.25
4	0.86	55.82	1.40	54.42	47.37	7.05
4	0.78	62.30	1.69	60.61	52.79	7.83
4	0.69	68.62	2.00	66.62	58.05	8.57
4	0.69	68.62	2.00	66.62	58.05	8.57
4	0.61	74.77	2.31	72.47	63.15	9.32
4	0.53	80.76	2.64	78.12	68.07	10.05
4	0.46	86.57	2.97	83.59	72.82	10.77
4	0.38	92.19	3.32	88.87	77.39	11.48

4	0.31	97.64	3.65	93.98	81.78	12.20
4	0.25	102.90	3.98	98.93	85.99	12.94
4	0.18	108.01	4.28	103.73	90.04	13.69
4	0.12	112.96	4.55	108.40	93.93	14.47
4	0.06	117.77	4.79	112.98	97.68	15.29
4	0.00	122.46	5.82	116.64	101.32	15.32

Time = 22. Degree of Consolidation = 43.%

Total Settlement = 0.376

Settlement at End of Primary Consolidation = 0.875

Settlement caused by Primary Consolidation at time 22. = 0.376

Settlement caused by Secondary Compression at time 22. = 0.000

Surface Elevation = 1.06

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.93	10.72	24.00	23.32	20.35
1	29.79	29.73	10.72	23.95	23.27	20.30
1	29.59	29.54	10.71	23.90	23.22	20.26
1	29.39	29.34	10.70	23.85	23.17	20.21
1	29.19	29.15	10.69	23.81	23.12	20.16
1	28.99	28.95	10.68	23.76	23.07	20.11
1	28.79	28.76	10.67	23.71	23.03	20.06
1	28.59	28.56	10.67	23.66	22.98	20.01

1	28.39	28.37	10.66	23.61	22.93	19.96
1	28.19	28.18	10.65	23.56	22.88	19.91
1	27.99	27.98	10.64	23.51	22.83	19.87
2	27.99	27.98	10.64	1.78	1.78	1.78
2	26.78	26.77	10.21	1.78	1.78	1.77
2	25.57	25.56	9.77	1.77	1.77	1.77
2	24.36	24.35	9.33	1.77	1.76	1.76
2	23.15	23.14	8.90	1.76	1.76	1.75
2	21.95	21.94	8.46	1.75	1.75	1.75
2	20.75	20.74	8.02	1.74	1.74	1.74
2	19.55	19.55	7.58	1.73	1.73	1.72
2	18.36	18.36	7.15	1.72	1.72	1.71
2	17.17	17.17	6.71	1.71	1.71	1.70
2	15.99	15.99	6.27	1.70	1.70	1.69
3	15.99	15.99	6.27	1.62	1.62	1.61
3	14.36	14.35	5.65	1.60	1.60	1.59
3	12.73	12.73	5.02	1.59	1.59	1.58
3	11.11	11.11	4.39	1.57	1.57	1.57
3	9.50	9.50	3.76	1.56	1.56	1.56
3	7.90	7.90	3.14	1.55	1.55	1.54
3	6.30	6.30	2.51	1.54	1.54	1.53
3	4.72	4.71	1.88	1.52	1.52	1.52
3	3.14	3.14	1.25	1.51	1.51	1.51
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.49	1.48

***** Stresses *****

***** Pore Pressures *****

	XI	Total	Effective	Total	Static	Excess
Material	29.93	185.45	5.94	179.51	153.74	25.77
1	29.73	198.12	6.36	191.76	165.98	25.77
1	29.54	210.76	6.78	203.98	178.20	25.78
1	29.34	223.38	7.21	216.17	190.40	25.78
1	29.15	235.98	7.63	228.35	202.57	25.78
1	28.95	248.55	8.05	240.49	214.72	25.78
1	28.76	261.09	8.47	252.62	226.84	25.78
1	28.56	273.61	8.90	264.72	238.94	25.78
1	28.37	286.11	9.32	276.79	251.01	25.78
1	28.18	298.58	9.74	288.84	263.06	25.78
1	27.98	311.03	10.17	300.86	275.08	25.78
1	27.98	311.03	10.17	300.86	275.08	25.78
2	26.77	430.89	49.15	381.73	350.78	30.95
2	25.56	550.63	95.13	455.50	426.37	29.14
2	24.35	670.23	139.94	530.30	501.81	28.49
2	23.14	789.66	191.38	598.28	577.08	21.20
2	21.94	908.89	249.02	659.86	652.15	7.72
2	20.74	1027.90	279.82	748.07	727.00	21.07
2	19.55	1146.66	315.35	831.31	801.60	29.70
2	18.36	1265.12	357.50	907.62	875.91	31.71
2	17.17	1383.25	401.66	981.59	949.88	31.71
2	15.99	1501.05	445.82	1055.23	1023.51	31.71
2	15.99	1501.05	445.82	1055.23	1023.51	31.71
3	14.35	1665.05	507.68	1157.38	1125.66	31.71
3	12.73	1828.38	572.73	1255.66	1227.14	28.52
3	11.11	1991.22	635.19	1356.03	1328.11	27.92
3						

3	9.50	2153.57	697.38	1456.19	1428.60	27.58
3	7.90	2315.42	759.55	1555.88	1528.60	27.28
3	6.30	2476.80	821.71	1655.09	1628.12	26.97
3	4.71	2637.68	883.85	1753.84	1727.15	26.69
3	3.14	2798.08	945.81	1852.27	1825.69	26.58
3	1.56	2958.00	1006.83	1951.17	1923.75	27.42
3	0.00	3117.43	1065.21	2052.21	2021.32	30.89

Time = 33. Degree of Consolidation = 17.%

Total Settlement = 0.064

Settlement at End of Primary Consolidation = 0.364

Settlement caused by Primary Consolidation at time 33. = 0.064

Settlement caused by Secondary Compression at time 33. = 0.000

*****Current Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
4	3.00	2.46	0.30	9.10	9.10	9.10
4	2.90	2.36	0.29	9.10	9.06	8.19
4	2.80	2.26	0.28	9.10	9.02	7.28
4	2.70	2.17	0.27	9.10	8.97	6.37
4	2.60	2.07	0.26	9.10	8.93	5.46
4	2.50	1.97	0.25	9.10	8.87	4.80
4	2.40	1.87	0.24	9.10	8.80	4.78
4	2.30	1.78	0.23	9.10	8.72	4.77

4	2.20	1.68	0.22	9.10	8.63	4.76
4	2.10	1.58	0.21	9.10	8.52	4.75
4	2.00	1.49	0.20	9.10	8.39	4.63
4	2.00	1.49	0.20	9.10	8.39	4.63
4	1.90	1.40	0.19	9.10	8.27	4.41
4	1.80	1.31	0.18	9.10	8.12	4.20
4	1.70	1.22	0.17	9.10	7.96	3.99
4	1.60	1.13	0.16	9.10	7.78	3.78
4	1.50	1.04	0.15	9.10	7.59	3.57
4	1.40	0.96	0.14	9.10	7.39	3.36
4	1.30	0.88	0.13	9.10	7.17	3.15
4	1.20	0.80	0.12	9.10	6.95	2.93
4	1.10	0.72	0.11	9.10	6.72	2.72
4	1.00	0.65	0.10	9.10	6.49	2.51
4	1.00	0.65	0.10	9.10	6.49	2.51
4	0.90	0.57	0.09	9.10	6.27	2.30
4	0.80	0.50	0.08	9.10	6.04	2.09
4	0.70	0.43	0.07	9.10	5.83	1.88
4	0.60	0.37	0.06	9.10	5.64	1.74
4	0.50	0.30	0.05	9.10	5.45	1.73
4	0.40	0.24	0.04	9.10	5.29	1.73
4	0.30	0.18	0.03	9.10	5.14	1.72
4	0.20	0.12	0.02	9.10	5.00	1.72
4	0.10	0.06	0.01	9.10	4.89	1.71
4	0.00	0.00	0.00	9.10	4.79	1.71

***** Stresses *****

***** Pore Pressures *****

	XI	Total	Effective	Total	Static	Excess
Material	2.46	0.00	0.00	0.00	0.00	0.00
4	2.36	7.28	0.05	7.24	6.23	1.01
4	2.26	14.54	0.09	14.45	12.43	2.02
4	2.17	21.78	0.15	21.63	18.61	3.03
4	2.07	28.98	0.20	28.78	24.75	4.03
4	1.97	36.15	0.27	35.88	30.87	5.02
4	1.87	43.29	0.35	42.94	36.94	5.99
4	1.78	50.37	0.44	49.93	42.97	6.96
4	1.68	57.41	0.55	56.86	48.95	7.90
4	1.58	64.38	0.68	63.70	54.86	8.83
4	1.49	71.28	0.82	70.45	60.71	9.75
4	1.49	71.28	0.82	70.45	60.71	9.75
4	1.40	78.10	0.97	77.13	66.47	10.66
4	1.31	84.84	1.14	83.70	72.15	11.55
4	1.22	91.48	1.32	90.16	77.74	12.42
4	1.13	98.02	1.53	96.49	83.22	13.27
4	1.04	104.45	1.75	102.69	88.59	14.10
4	0.96	110.75	1.99	108.75	93.83	14.92
4	0.88	116.92	2.24	114.67	98.95	15.73
4	0.80	122.96	2.50	120.45	103.93	16.52
4	0.72	128.85	2.77	126.08	108.77	17.32
4	0.65	134.61	3.03	131.58	113.47	18.11
4	0.65	134.61	3.03	131.58	113.47	18.11
4	0.57	140.22	3.30	136.93	118.02	18.90
4	0.50	145.70	3.55	142.15	122.45	19.70
4	0.43	151.05	3.80	147.25	126.73	20.52

4	0.37	156.26	4.03	152.24	130.89	21.34
4	0.30	161.36	4.24	157.12	134.94	22.19
4	0.24	166.35	4.44	161.92	138.87	23.05
4	0.18	171.25	4.61	166.64	142.71	23.93
4	0.12	176.05	4.76	171.29	146.46	24.84
4	0.06	180.78	4.89	175.89	150.13	25.76
4	0.00	185.45	5.94	179.51	153.74	25.77

Time = 33. Degree of Consolidation = 34.%

Total Settlement = 0.536

Settlement at End of Primary Consolidation = 1.591

Settlement caused by Primary Consolidation at time 33. = 0.536

Settlement caused by Secondary Compression at time 33. = 0.000

Surface Elevation = 1.90

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.93	10.72	24.00	23.31	19.14
1	29.79	29.73	10.72	23.95	23.26	19.09
1	29.59	29.53	10.71	23.90	23.21	19.04
1	29.39	29.34	10.70	23.85	23.16	18.99
1	29.19	29.14	10.69	23.81	23.12	18.94
1	28.99	28.95	10.68	23.76	23.07	18.89
1	28.79	28.75	10.67	23.71	23.02	18.85

1	28.59	28.56	10.67	23.66	22.97	18.80
1	28.39	28.37	10.66	23.61	22.92	18.75
1	28.19	28.17	10.65	23.56	22.87	18.70
1	27.99	27.98	10.64	23.51	22.82	18.65
2	27.99	27.98	10.64	1.78	1.78	1.78
2	26.78	26.77	10.21	1.78	1.78	1.77
2	25.57	25.56	9.77	1.77	1.77	1.77
2	24.36	24.35	9.33	1.77	1.76	1.76
2	23.15	23.14	8.90	1.76	1.76	1.75
2	21.95	21.94	8.46	1.75	1.75	1.75
2	20.75	20.74	8.02	1.74	1.74	1.73
2	19.55	19.55	7.58	1.73	1.73	1.72
2	18.36	18.35	7.15	1.72	1.72	1.71
2	17.17	17.17	6.71	1.71	1.71	1.70
2	15.99	15.99	6.27	1.70	1.70	1.68
3	15.99	15.99	6.27	1.62	1.62	1.61
3	14.36	14.35	5.65	1.60	1.60	1.59
3	12.73	12.73	5.02	1.59	1.59	1.58
3	11.11	11.11	4.39	1.57	1.57	1.57
3	9.50	9.50	3.76	1.56	1.56	1.55
3	7.90	7.90	3.14	1.55	1.55	1.54
3	6.30	6.30	2.51	1.54	1.54	1.53
3	4.72	4.71	1.88	1.52	1.52	1.52
3	3.14	3.13	1.25	1.51	1.51	1.50
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.49	1.48

		***** Stresses *****		***** Pore Pressures *****		
	XI	Total	Effective	Total	Static	Excess
Material	29.93	248.30	5.99	242.30	206.01	36.29
1	29.73	260.96	6.42	254.55	218.25	36.29
1	29.53	273.60	6.84	266.76	230.47	36.29
1	29.34	286.22	7.26	278.96	242.66	36.29
1	29.14	298.81	7.68	291.13	254.83	36.29
1	28.95	311.38	8.11	303.27	266.98	36.29
1	28.75	323.92	8.53	315.39	279.10	36.29
1	28.56	336.44	8.95	327.49	291.19	36.29
1	28.37	348.93	9.38	339.56	303.26	36.30
1	28.17	361.40	9.80	351.60	315.31	36.30
1	27.98	373.85	10.22	363.62	327.33	36.30
1	27.98	373.85	10.22	363.62	327.33	36.30
2	26.77	493.70	49.85	443.85	403.02	40.82
2	25.56	613.44	96.87	516.57	478.61	37.97
2	24.35	733.04	142.59	590.44	554.04	36.40
2	23.14	852.45	195.33	657.13	629.30	27.83
2	21.94	971.66	251.67	719.99	704.35	15.64
2	20.74	1090.66	281.73	808.92	779.19	29.74
2	19.55	1209.41	316.56	892.85	853.78	39.07
2	18.35	1327.87	357.50	970.36	928.08	42.28
2	17.17	1446.00	401.66	1044.34	1002.05	42.28
2	15.99	1563.79	445.82	1117.97	1075.69	42.28
2	15.99	1563.79	445.82	1117.97	1075.69	42.28
3	14.35	1727.80	507.68	1220.12	1177.84	42.28
3	12.73	1891.13	573.78	1317.35	1279.31	38.04
3						

3	11.11	2053.95	636.55	1417.40	1380.27	37.12
3	9.50	2216.28	698.89	1517.39	1480.75	36.64
3	7.90	2378.13	761.17	1616.96	1580.74	36.22
3	6.30	2539.49	823.44	1716.06	1680.24	35.81
3	4.71	2700.36	885.61	1814.75	1779.26	35.50
3	3.13	2860.75	947.44	1913.31	1877.79	35.53
3	1.56	3020.66	1008.05	2012.61	1975.83	36.78
3	0.00	3180.07	1066.31	2113.76	2073.39	40.37

Time = 45. Degree of Consolidation = 14.%

Total Settlement = 0.067

Settlement at End of Primary Consolidation = 0.486

Settlement caused by Primary Consolidation at time 45. = 0.067

Settlement caused by Secondary Compression at time 45. = 0.000

*****Current Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
4	4.00	3.30	0.40	9.10	9.10	9.10
4	3.90	3.20	0.39	9.10	9.08	8.19
4	3.80	3.10	0.38	9.10	9.06	7.28
4	3.70	3.00	0.37	9.10	9.04	6.37
4	3.60	2.90	0.36	9.10	9.02	5.46
4	3.50	2.80	0.35	9.10	8.99	4.80
4	3.40	2.71	0.34	9.10	8.96	4.78

4	3.30	2.61	0.33	9.10	8.93	4.77
4	3.20	2.51	0.32	9.10	8.88	4.76
4	3.10	2.41	0.31	9.10	8.83	4.75
4	3.00	2.31	0.30	9.10	8.77	4.63
4	3.00	2.31	0.30	9.10	8.77	4.63
4	2.90	2.22	0.29	9.10	8.71	4.41
4	2.80	2.12	0.28	9.10	8.64	4.20
4	2.70	2.03	0.27	9.10	8.56	3.99
4	2.60	1.93	0.26	9.10	8.47	3.78
4	2.50	1.84	0.25	9.10	8.37	3.57
4	2.40	1.75	0.24	9.10	8.25	3.36
4	2.30	1.66	0.23	9.10	8.12	3.15
4	2.20	1.57	0.22	9.10	7.98	2.93
4	2.10	1.48	0.21	9.10	7.83	2.72
4	2.00	1.39	0.20	9.10	7.67	2.51
4	2.00	1.39	0.20	9.10	7.67	2.51
4	1.90	1.31	0.19	9.10	7.51	2.30
4	1.80	1.22	0.18	9.10	7.35	2.09
4	1.70	1.14	0.17	9.10	7.17	1.88
4	1.60	1.06	0.16	9.10	6.99	1.74
4	1.50	0.98	0.15	9.10	6.81	1.73
4	1.40	0.91	0.14	9.10	6.62	1.73
4	1.30	0.83	0.13	9.10	6.44	1.72
4	1.20	0.76	0.12	9.10	6.26	1.72
4	1.10	0.69	0.11	9.10	6.08	1.71
4	1.00	0.62	0.10	9.10	5.92	1.71
4	1.00	0.62	0.10	9.10	5.92	1.71

4	0.90	0.55	0.09	9.10	5.75	1.70
4	0.80	0.49	0.08	9.10	5.59	1.70
4	0.70	0.42	0.07	9.10	5.45	1.69
4	0.60	0.36	0.06	9.10	5.32	1.69
4	0.50	0.30	0.05	9.10	5.20	1.68
4	0.40	0.23	0.04	9.10	5.09	1.68
4	0.30	0.17	0.03	9.10	5.00	1.67
4	0.20	0.12	0.02	9.10	4.92	1.67
4	0.10	0.06	0.01	9.10	4.85	1.66
4	0.00	0.00	0.00	9.10	4.79	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	3.30	0.00	0.00	0.00	0.00	0.00
4	3.20	7.29	0.02	7.27	6.23	1.04
4	3.10	14.57	0.04	14.53	12.46	2.07
4	3.00	21.84	0.07	21.77	18.67	3.10
4	2.90	29.09	0.09	29.00	24.87	4.14
4	2.80	36.33	0.12	36.21	31.05	5.16
4	2.71	43.56	0.16	43.40	37.21	6.18
4	2.61	50.76	0.20	50.56	43.36	7.20
4	2.51	57.93	0.25	57.68	49.48	8.20
4	2.41	65.08	0.31	64.77	55.57	9.20
4	2.31	72.20	0.38	71.82	61.63	10.19
4	2.31	72.20	0.38	71.82	61.63	10.19
4	2.22	79.27	0.45	78.83	67.65	11.18
4	2.12	86.31	0.53	85.78	73.63	12.16

4	2.03	93.30	0.62	92.68	79.56	13.12
4	1.93	100.24	0.73	99.51	85.44	14.07
4	1.84	107.12	0.85	106.26	91.26	15.00
4	1.75	113.92	0.99	112.94	97.01	15.92
4	1.66	120.66	1.14	119.52	102.69	16.83
4	1.57	127.31	1.30	126.01	108.28	17.73
4	1.48	133.87	1.47	132.40	113.78	18.61
4	1.39	140.33	1.66	138.68	119.19	19.48
4	1.39	140.33	1.66	138.68	119.19	19.48
4	1.31	146.70	1.84	144.86	124.50	20.35
4	1.22	152.97	2.04	150.93	129.71	21.22
4	1.14	159.13	2.24	156.88	134.81	22.07
4	1.06	165.18	2.45	162.72	139.81	22.92
4	0.98	171.11	2.67	168.45	144.69	23.76
4	0.91	176.94	2.88	174.06	149.45	24.60
4	0.83	182.65	3.09	179.55	154.10	25.45
4	0.76	188.24	3.30	184.94	158.65	26.30
4	0.69	193.73	3.51	190.22	163.08	27.15
4	0.62	199.11	3.70	195.41	167.40	28.01
4	0.62	199.11	3.70	195.41	167.40	28.01
4	0.55	204.39	3.90	200.49	171.62	28.87
4	0.49	209.57	4.08	205.49	175.74	29.75
4	0.42	214.65	4.25	210.40	179.77	30.64
4	0.36	219.65	4.40	215.25	183.71	31.54
4	0.30	224.57	4.54	220.03	187.57	32.46
4	0.23	229.42	4.66	224.76	191.37	33.39
4	0.17	234.21	4.77	229.45	195.10	34.34

4	0.12	238.95	4.86	234.09	198.78	35.31
4	0.06	243.64	4.94	238.70	202.42	36.28
4	0.00	248.30	5.99	242.30	206.01	36.29

Time = 45. Degree of Consolidation = 30.%

Total Settlement = 0.699

Settlement at End of Primary Consolidation = 2.325

Settlement caused by Primary Consolidation at time 45. = 0.699

Settlement caused by Secondary Compression at time 45. = 0.000

Surface Elevation = 2.73

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.92	10.72	24.00	23.31	19.14
1	29.79	29.73	10.72	23.95	23.26	19.09
1	29.59	29.53	10.71	23.90	23.21	19.04
1	29.39	29.34	10.70	23.85	23.16	18.99
1	29.19	29.14	10.69	23.81	23.11	18.94
1	28.99	28.95	10.68	23.76	23.06	18.89
1	28.79	28.75	10.67	23.71	23.02	18.85
1	28.59	28.56	10.67	23.66	22.97	18.80
1	28.39	28.36	10.66	23.61	22.92	18.75
1	28.19	28.17	10.65	23.56	22.87	18.70
1	27.99	27.98	10.64	23.51	22.82	18.65

2	27.99	27.98	10.64	1.78	1.78	1.78
2	26.78	26.77	10.21	1.78	1.77	1.77
2	25.57	25.55	9.77	1.77	1.77	1.77
2	24.36	24.35	9.33	1.77	1.76	1.76
2	23.15	23.14	8.90	1.76	1.76	1.75
2	21.95	21.94	8.46	1.75	1.75	1.75
2	20.75	20.74	8.02	1.74	1.74	1.73
2	19.55	19.54	7.58	1.73	1.73	1.72
2	18.36	18.35	7.15	1.72	1.72	1.71
2	17.17	17.17	6.71	1.71	1.71	1.70
2	15.99	15.99	6.27	1.70	1.70	1.68
2	15.99	15.99	6.27	1.62	1.62	1.61
3	14.36	14.35	5.65	1.60	1.60	1.59
3	12.73	12.72	5.02	1.59	1.58	1.58
3	11.11	11.11	4.39	1.57	1.57	1.57
3	9.50	9.50	3.76	1.56	1.56	1.55
3	7.90	7.89	3.14	1.55	1.55	1.54
3	6.30	6.30	2.51	1.54	1.53	1.53
3	4.72	4.71	1.88	1.52	1.52	1.52
3	3.14	3.13	1.25	1.51	1.51	1.50
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.49	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.92	237.11	6.02	231.08	194.82	36.26
1	29.73	249.77	6.45	243.32	207.06	36.26

1	29.53	262.41	6.87	255.54	219.28	36.26
1	29.34	275.02	7.29	267.73	231.47	36.26
1	29.14	287.61	7.72	279.90	243.64	36.26
1	28.95	300.18	8.14	292.04	255.78	36.26
1	28.75	312.72	8.56	304.16	267.90	36.26
1	28.56	325.24	8.99	316.25	279.99	36.26
1	28.36	337.73	9.41	328.32	292.06	36.26
1	28.17	350.20	9.83	340.36	304.10	36.26
1	27.98	362.64	10.26	352.38	316.12	36.26
2	27.98	362.64	10.26	352.38	316.12	36.26
2	26.77	482.49	50.85	431.64	391.82	39.82
2	25.55	602.23	99.23	503.00	467.39	35.61
2	24.35	721.81	145.80	576.01	542.82	33.19
2	23.14	841.22	199.50	641.72	618.06	23.66
2	21.94	960.41	253.78	706.64	693.10	13.54
2	20.74	1079.39	283.66	795.73	767.92	27.81
2	19.54	1198.13	317.81	880.32	842.50	37.82
2	18.35	1316.58	357.50	959.08	916.79	42.28
2	17.17	1434.71	401.66	1033.05	990.77	42.28
2	15.99	1552.50	445.82	1106.68	1064.40	42.28
2	15.99	1552.50	445.82	1106.68	1064.40	42.28
3	14.35	1716.52	507.68	1208.84	1166.55	42.28
3	12.72	1879.84	575.03	1304.80	1268.02	36.79
3	11.11	2042.65	638.25	1404.40	1368.97	35.43
3	9.50	2204.97	700.79	1504.18	1469.44	34.74
3	7.89	2366.80	763.22	1603.59	1569.41	34.18
3	6.30	2528.14	825.58	1702.57	1668.90	33.67

3	4.71	2689.00	887.74	1801.26	1767.89	33.36
3	3.13	2849.37	949.37	1900.00	1866.41	33.60
3	1.56	3009.26	1009.58	1999.68	1964.44	35.24
3	0.00	3168.67	1067.76	2100.91	2061.99	38.92

Time = 60. Degree of Consolidation = 14.%

Total Settlement = 0.070

Settlement at End of Primary Consolidation = 0.486

Settlement caused by Primary Consolidation at time 60. = 0.070

Settlement caused by Secondary Compression at time 60. = 0.000

*****Current Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
4	4.00	3.12	0.40	9.10	9.10	9.10
4	3.90	3.02	0.39	9.10	9.01	8.19
4	3.80	2.92	0.38	9.10	8.94	7.28
4	3.70	2.83	0.37	9.10	8.86	6.37
4	3.60	2.73	0.36	9.10	8.78	5.46
4	3.50	2.63	0.35	9.10	8.70	4.80
4	3.40	2.54	0.34	9.10	8.62	4.78
4	3.30	2.44	0.33	9.10	8.54	4.77
4	3.20	2.35	0.32	9.10	8.45	4.76
4	3.10	2.25	0.31	9.10	8.35	4.75
4	3.00	2.16	0.30	9.10	8.24	4.63

4	3.00	2.16	0.30	9.10	8.24	4.63
4	2.90	2.07	0.29	9.10	8.14	4.41
4	2.80	1.98	0.28	9.10	8.03	4.20
4	2.70	1.89	0.27	9.10	7.91	3.99
4	2.60	1.81	0.26	9.10	7.78	3.78
4	2.50	1.72	0.25	9.10	7.64	3.57
4	2.40	1.63	0.24	9.10	7.50	3.36
4	2.30	1.55	0.23	9.10	7.36	3.15
4	2.20	1.47	0.22	9.10	7.21	2.93
4	2.10	1.39	0.21	9.10	7.05	2.72
4	2.00	1.31	0.20	9.10	6.90	2.51
4	2.00	1.31	0.20	9.10	6.90	2.51
4	1.90	1.23	0.19	9.10	6.74	2.30
4	1.80	1.16	0.18	9.10	6.58	2.09
4	1.70	1.08	0.17	9.10	6.43	1.88
4	1.60	1.01	0.16	9.10	6.28	1.74
4	1.50	0.94	0.15	9.10	6.13	1.73
4	1.40	0.87	0.14	9.10	5.99	1.73
4	1.30	0.80	0.13	9.10	5.86	1.72
4	1.20	0.73	0.12	9.10	5.73	1.72
4	1.10	0.67	0.11	9.10	5.61	1.71
4	1.00	0.60	0.10	9.10	5.49	1.71
4	1.00	0.60	0.10	9.10	5.49	1.71
4	0.90	0.54	0.09	9.10	5.38	1.70
4	0.80	0.47	0.08	9.10	5.28	1.70
4	0.70	0.41	0.07	9.10	5.19	1.69
4	0.60	0.35	0.06	9.10	5.10	1.69

4	0.50	0.29	0.05	9.10	5.03	1.68
4	0.40	0.23	0.04	9.10	4.97	1.68
4	0.30	0.17	0.03	9.10	4.91	1.67
4	0.20	0.12	0.02	9.10	4.86	1.67
4	0.10	0.06	0.01	9.10	4.82	1.66
4	0.00	0.00	0.00	9.10	4.79	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	3.12	0.00	0.00	0.00	0.00	0.00
4	3.02	7.27	0.10	7.17	6.21	0.96
4	2.92	14.49	0.19	14.30	12.38	1.92
4	2.83	21.66	0.28	21.38	18.49	2.89
4	2.73	28.79	0.37	28.42	24.56	3.86
4	2.63	35.86	0.46	35.40	30.58	4.83
4	2.54	42.89	0.55	42.34	36.55	5.79
4	2.44	49.87	0.65	49.21	42.47	6.75
4	2.35	56.79	0.76	56.03	48.33	7.70
4	2.25	63.65	0.87	62.78	54.14	8.64
4	2.16	70.45	0.99	69.46	59.88	9.58
4	2.16	70.45	0.99	69.46	59.88	9.58
4	2.07	77.19	1.12	76.07	65.56	10.51
4	1.98	83.86	1.25	82.61	71.18	11.44
4	1.89	90.46	1.39	89.07	76.72	12.36
4	1.81	96.98	1.54	95.44	82.18	13.26
4	1.72	103.42	1.69	101.73	87.56	14.16
4	1.63	109.77	1.86	107.92	92.86	15.06

4	1.55	116.04	2.03	114.01	98.07	15.94
4	1.47	122.21	2.20	120.01	103.18	16.82
4	1.39	128.29	2.38	125.91	108.21	17.70
4	1.31	134.27	2.56	131.71	113.13	18.58
4	1.31	134.27	2.56	131.71	113.13	18.58
4	1.23	140.16	2.75	137.42	117.96	19.45
4	1.16	145.95	2.93	143.03	122.70	20.33
4	1.08	151.65	3.10	148.54	127.33	21.21
4	1.01	157.25	3.28	153.97	131.88	22.09
4	0.94	162.76	3.45	159.31	136.33	22.98
4	0.87	168.18	3.61	164.56	140.69	23.87
4	0.80	173.51	3.77	169.74	144.97	24.77
4	0.73	178.76	3.92	174.84	149.16	25.68
4	0.67	183.94	4.06	179.88	153.28	26.59
4	0.60	189.04	4.19	184.85	157.33	27.52
4	0.60	189.04	4.19	184.85	157.33	27.52
4	0.54	194.08	4.32	189.75	161.31	28.45
4	0.47	199.04	4.44	194.60	165.22	29.38
4	0.41	203.95	4.55	199.40	169.07	30.33
4	0.35	208.81	4.65	204.16	172.86	31.30
4	0.29	213.61	4.73	208.88	176.61	32.27
4	0.23	218.38	4.81	213.57	180.32	33.25
4	0.17	223.10	4.87	218.23	183.99	34.24
4	0.12	227.80	4.93	222.87	187.63	35.24
4	0.06	232.46	4.97	227.49	191.24	36.25
4	0.00	237.11	6.02	231.08	194.82	36.26

Time = 60. Degree of Consolidation = 38.%

Total Settlement = 0.878
 Settlement at End of Primary Consolidation = 2.325
 Settlement caused by Primary Consolidation at time 60. = 0.878
 Settlement caused by Secondary Compression at time 60. = 0.000
 Surface Elevation = 2.55

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.92	10.72	24.00	23.31	19.14
1	29.79	29.72	10.72	23.95	23.26	19.09
1	29.59	29.53	10.71	23.90	23.21	19.04
1	29.39	29.33	10.70	23.85	23.16	18.99
1	29.19	29.14	10.69	23.81	23.11	18.94
1	28.99	28.94	10.68	23.76	23.06	18.89
1	28.79	28.75	10.67	23.71	23.01	18.85
1	28.59	28.55	10.67	23.66	22.96	18.80
1	28.39	28.36	10.66	23.61	22.92	18.75
1	28.19	28.17	10.65	23.56	22.87	18.70
1	27.99	27.98	10.64	23.51	22.82	18.65
2	27.99	27.98	10.64	1.78	1.78	1.78
2	26.78	26.76	10.21	1.78	1.77	1.77
2	25.57	25.55	9.77	1.77	1.77	1.77
2	24.36	24.34	9.33	1.77	1.76	1.76

2	23.15	23.14	8.90	1.76	1.76	1.75
2	21.95	21.93	8.46	1.75	1.75	1.75
2	20.75	20.74	8.02	1.74	1.74	1.73
2	19.55	19.54	7.58	1.73	1.73	1.72
2	18.36	18.35	7.15	1.72	1.72	1.71
2	17.17	17.17	6.71	1.71	1.71	1.70
2	15.99	15.99	6.27	1.70	1.70	1.68
3	15.99	15.99	6.27	1.62	1.62	1.61
3	14.36	14.35	5.65	1.60	1.60	1.59
3	12.73	12.72	5.02	1.59	1.58	1.58
3	11.11	11.10	4.39	1.57	1.57	1.57
3	9.50	9.49	3.76	1.56	1.56	1.55
3	7.90	7.89	3.14	1.55	1.55	1.54
3	6.30	6.30	2.51	1.54	1.53	1.53
3	4.72	4.71	1.88	1.52	1.52	1.52
3	3.14	3.13	1.25	1.51	1.51	1.50
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.48	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.92	227.82	6.04	221.78	185.53	36.24
1	29.72	240.48	6.47	234.01	197.77	36.24
1	29.53	253.12	6.89	246.23	209.99	36.24
1	29.33	265.73	7.31	258.42	222.18	36.24
1	29.14	278.32	7.74	270.59	234.34	36.24
1	28.94	290.88	8.16	282.73	246.48	36.24

1	28.75	303.42	8.58	294.84	258.60	36.24
1	28.55	315.94	9.00	306.93	270.69	36.24
1	28.36	328.43	9.43	319.00	282.76	36.24
1	28.17	340.90	9.85	331.05	294.80	36.24
1	27.98	353.34	10.27	343.06	306.82	36.24
2	27.98	353.34	10.27	343.06	306.82	36.24
2	26.76	473.19	51.87	421.32	382.51	38.81
2	25.55	592.92	101.17	491.76	458.09	33.67
2	24.34	712.50	148.67	563.82	533.51	30.32
2	23.14	831.89	203.02	628.87	608.74	20.14
2	21.93	951.07	255.48	695.60	683.76	11.83
2	20.74	1070.04	285.19	784.85	758.57	26.28
2	19.54	1188.76	318.79	869.97	833.13	36.84
2	18.35	1307.22	357.50	949.71	907.43	42.28
2	17.17	1425.35	401.66	1023.69	981.40	42.28
2	15.99	1543.14	445.82	1097.32	1055.03	42.28
3	15.99	1543.14	445.82	1097.32	1055.03	42.28
3	14.35	1707.15	507.68	1199.47	1157.19	42.28
3	12.72	1870.47	576.23	1294.24	1258.65	35.59
3	11.10	2033.27	639.92	1393.35	1359.59	33.76
3	9.49	2195.58	702.69	1492.89	1460.04	32.85
3	7.89	2357.39	765.25	1592.14	1560.00	32.14
3	6.30	2518.72	827.69	1691.03	1659.47	31.56
3	4.71	2679.56	889.81	1789.75	1758.45	31.30
3	3.13	2839.91	951.24	1888.68	1856.95	31.73
3	1.56	2999.79	1011.12	1988.67	1954.97	33.70
3	0.00	3159.18	1069.24	2089.94	2052.50	37.44

Time = 75. Degree of Consolidation = 15.%

Total Settlement = 0.073

Settlement at End of Primary Consolidation = 0.486

Settlement caused by Primary Consolidation at time 75. =
0.073

Settlement caused by Secondary Compression at time 75. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.00	2.97	0.40	9.10	9.10	9.10
4	3.90	2.87	0.39	9.10	8.93	8.19
4	3.80	2.78	0.38	9.10	8.77	7.28
4	3.70	2.68	0.37	9.10	8.62	6.37
4	3.60	2.59	0.36	9.10	8.47	5.46
4	3.50	2.49	0.35	9.10	8.34	4.80
4	3.40	2.40	0.34	9.10	8.20	4.78
4	3.30	2.31	0.33	9.10	8.07	4.77
4	3.20	2.22	0.32	9.10	7.94	4.76
4	3.10	2.13	0.31	9.10	7.81	4.75
4	3.00	2.05	0.30	9.10	7.67	4.63
4	3.00	2.05	0.30	9.10	7.67	4.63
4	2.90	1.96	0.29	9.10	7.54	4.41
4	2.80	1.88	0.28	9.10	7.40	4.20
4	2.70	1.80	0.27	9.10	7.27	3.99

4	2.60	1.71	0.26	9.10	7.13	3.78
4	2.50	1.63	0.25	9.10	6.99	3.57
4	2.40	1.56	0.24	9.10	6.85	3.36
4	2.30	1.48	0.23	9.10	6.71	3.15
4	2.20	1.40	0.22	9.10	6.57	2.93
4	2.10	1.33	0.21	9.10	6.44	2.72
4	2.00	1.26	0.20	9.10	6.30	2.51
4	2.00	1.26	0.20	9.10	6.30	2.51
4	1.90	1.18	0.19	9.10	6.17	2.30
4	1.80	1.11	0.18	9.10	6.04	2.09
4	1.70	1.05	0.17	9.10	5.92	1.88
4	1.60	0.98	0.16	9.10	5.81	1.74
4	1.50	0.91	0.15	9.10	5.70	1.73
4	1.40	0.84	0.14	9.10	5.59	1.73
4	1.30	0.78	0.13	9.10	5.49	1.72
4	1.20	0.72	0.12	9.10	5.41	1.72
4	1.10	0.65	0.11	9.10	5.32	1.71
4	1.00	0.59	0.10	9.10	5.25	1.71
4	1.00	0.59	0.10	9.10	5.25	1.71
4	0.90	0.53	0.09	9.10	5.17	1.70
4	0.80	0.47	0.08	9.10	5.10	1.70
4	0.70	0.41	0.07	9.10	5.04	1.69
4	0.60	0.35	0.06	9.10	4.99	1.69
4	0.50	0.29	0.05	9.10	4.94	1.68
4	0.40	0.23	0.04	9.10	4.90	1.68
4	0.30	0.17	0.03	9.10	4.87	1.67
4	0.20	0.12	0.02	9.10	4.84	1.67

4	0.10	0.06	0.01	9.10	4.81	1.66
4	0.00	0.00	0.00	9.10	4.79	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.97	0.00	0.00	0.00	0.00	0.00
4	2.87	7.24	0.20	7.04	6.19	0.85
4	2.78	14.38	0.39	13.99	12.27	1.72
4	2.68	21.42	0.56	20.86	18.25	2.61
4	2.59	28.38	0.73	27.65	24.15	3.50
4	2.49	35.25	0.89	34.36	29.96	4.40
4	2.40	42.03	1.04	40.99	35.69	5.30
4	2.31	48.73	1.19	47.54	41.34	6.20
4	2.22	55.36	1.35	54.01	46.90	7.11
4	2.13	61.90	1.50	60.39	52.38	8.01
4	2.05	68.35	1.66	66.70	57.78	8.91
4	2.05	68.35	1.66	66.70	57.78	8.91
4	1.96	74.73	1.81	72.91	63.10	9.81
4	1.88	81.02	1.97	79.05	68.33	10.71
4	1.80	87.23	2.13	85.10	73.48	11.61
4	1.71	93.35	2.29	91.06	78.55	12.51
4	1.63	99.38	2.46	96.93	83.53	13.40
4	1.56	105.33	2.62	102.72	88.42	14.30
4	1.48	111.20	2.78	108.42	93.23	15.19
4	1.40	116.98	2.94	114.04	97.95	16.09
4	1.33	122.67	3.10	119.57	102.58	16.99
4	1.26	128.28	3.25	125.03	107.14	17.89

4	1.26	128.28	3.25	125.03	107.14	17.89
4	1.18	133.81	3.41	130.40	111.61	18.79
4	1.11	139.26	3.55	135.70	116.00	19.70
4	1.05	144.63	3.70	140.93	120.31	20.62
4	0.98	149.92	3.83	146.09	124.55	21.54
4	0.91	155.15	3.96	151.19	128.72	22.47
4	0.84	160.31	4.08	156.23	132.83	23.40
4	0.78	165.41	4.19	161.22	136.87	24.35
4	0.72	170.45	4.30	166.16	140.86	25.30
4	0.65	175.44	4.39	171.05	144.79	26.26
4	0.59	180.38	4.48	175.90	148.67	27.23
4	0.59	180.38	4.48	175.90	148.67	27.23
4	0.53	185.27	4.57	180.71	152.50	28.20
4	0.47	190.12	4.65	185.47	156.30	29.18
4	0.41	194.93	4.72	190.21	160.05	30.17
4	0.35	199.70	4.78	194.92	163.76	31.16
4	0.29	204.45	4.84	199.61	167.45	32.16
4	0.23	209.16	4.88	204.28	171.11	33.17
4	0.17	213.85	4.92	208.93	174.74	34.19
4	0.12	218.52	4.96	213.57	178.35	35.21
4	0.06	223.18	4.99	218.19	181.95	36.24
4	0.00	227.82	6.04	221.78	185.53	36.24

Time = 75. Degree of Consolidation = 44.%

Total Settlement = 1.027

Settlement at End of Primary Consolidation = 2.325

Settlement caused by Primary Consolidation at time 75. =
1.027

0.000 Settlement caused by Secondary Compression at time 75. =

Surface Elevation = 2.40

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.90	10.72	24.00	23.13	19.14
1	29.79	29.70	10.72	23.95	23.08	19.09
1	29.59	29.51	10.71	23.90	23.03	19.04
1	29.39	29.31	10.70	23.85	22.99	18.99
1	29.19	29.12	10.69	23.81	22.94	18.94
1	28.99	28.93	10.68	23.76	22.89	18.89
1	28.79	28.73	10.67	23.71	22.84	18.85
1	28.59	28.54	10.67	23.66	22.79	18.80
1	28.39	28.35	10.66	23.61	22.75	18.75
1	28.19	28.16	10.65	23.56	22.70	18.70
1	27.99	27.97	10.64	23.51	22.65	18.65
2	27.99	27.97	10.64	1.78	1.78	1.78
2	26.78	26.75	10.21	1.78	1.77	1.77
2	25.57	25.54	9.77	1.77	1.77	1.77
2	24.36	24.34	9.33	1.77	1.76	1.76
2	23.15	23.13	8.90	1.76	1.76	1.75
2	21.95	21.93	8.46	1.75	1.75	1.75
2	20.75	20.73	8.02	1.74	1.74	1.73
2	19.55	19.54	7.58	1.73	1.73	1.72

2	18.36	18.34	7.15	1.72	1.72	1.71
2	17.17	17.16	6.71	1.71	1.71	1.70
2	15.99	15.98	6.27	1.70	1.70	1.68
3	15.99	15.98	6.27	1.62	1.62	1.61
3	14.36	14.34	5.65	1.60	1.60	1.59
3	12.73	12.72	5.02	1.59	1.58	1.58
3	11.11	11.10	4.39	1.57	1.57	1.57
3	9.50	9.49	3.76	1.56	1.56	1.55
3	7.90	7.89	3.14	1.55	1.55	1.54
3	6.30	6.30	2.51	1.54	1.53	1.53
3	4.72	4.71	1.88	1.52	1.52	1.52
3	3.14	3.13	1.25	1.51	1.51	1.50
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.48	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.90	210.93	7.57	203.36	168.65	34.71
1	29.70	223.51	7.99	215.52	180.80	34.72
1	29.51	236.06	8.40	227.66	192.93	34.73
1	29.31	248.58	8.82	239.77	205.03	34.74
1	29.12	261.09	9.24	251.85	217.11	34.74
1	28.93	273.56	9.65	263.91	229.16	34.75
1	28.73	286.02	10.07	275.94	241.19	34.75
1	28.54	298.45	10.49	287.95	253.20	34.76
1	28.35	310.85	10.91	299.94	265.18	34.76
1	28.16	323.23	11.33	311.89	277.14	34.76

1	27.97	335.59	11.76	323.83	289.07	34.76
2	27.97	335.59	11.76	323.83	289.07	34.76
2	26.75	455.43	55.31	400.12	364.75	35.37
2	25.54	575.15	105.95	469.20	440.31	28.88
2	24.34	694.71	155.47	539.23	515.71	23.52
2	23.13	814.07	210.78	603.28	590.92	12.37
2	21.93	933.22	259.07	674.16	665.91	8.24
2	20.73	1052.17	288.33	763.83	740.70	23.14
2	19.54	1170.87	320.83	850.04	815.24	34.80
2	18.34	1289.31	357.75	931.56	889.52	42.03
2	17.16	1407.44	401.66	1005.78	963.50	42.28
2	15.98	1525.23	445.82	1079.41	1037.13	42.28
2	15.98	1525.23	445.82	1079.41	1037.13	42.28
3	14.34	1689.25	507.68	1181.58	1139.29	42.28
3	12.72	1852.55	579.60	1272.95	1240.73	32.22
3	11.10	2015.32	644.81	1370.51	1341.65	28.86
3	9.49	2177.59	708.33	1469.26	1442.05	27.21
3	7.89	2339.36	771.28	1568.08	1541.97	26.11
3	6.30	2500.64	833.80	1666.84	1641.39	25.45
3	4.71	2661.43	895.69	1765.74	1740.32	25.42
3	3.13	2821.74	956.60	1865.14	1838.78	26.36
3	1.56	2981.58	1015.68	1965.89	1936.75	29.14
3	0.00	3140.93	1073.72	2067.21	2034.25	32.96

Time = 120. Degree of Consolidation = 20.%

Total Settlement = 0.095

Settlement at End of Primary Consolidation = 0.486

0.095 Settlement caused by Primary Consolidation at time 120. =

0.000 Settlement caused by Secondary Compression at time 120. =

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.00	2.70	0.40	9.10	9.10	9.10
4	3.90	2.60	0.39	9.10	8.68	8.19
4	3.80	2.51	0.38	9.10	8.31	7.28
4	3.70	2.42	0.37	9.10	7.98	6.37
4	3.60	2.33	0.36	9.10	7.68	5.46
4	3.50	2.25	0.35	9.10	7.41	4.80
4	3.40	2.17	0.34	9.10	7.17	4.78
4	3.30	2.09	0.33	9.10	6.96	4.77
4	3.20	2.01	0.32	9.10	6.76	4.76
4	3.10	1.93	0.31	9.10	6.59	4.75
4	3.00	1.86	0.30	9.10	6.43	4.63
4	3.00	1.86	0.30	9.10	6.43	4.63
4	2.90	1.79	0.29	9.10	6.27	4.41
4	2.80	1.71	0.28	9.10	6.13	4.20
4	2.70	1.64	0.27	9.10	6.00	3.99
4	2.60	1.58	0.26	9.10	5.89	3.78
4	2.50	1.51	0.25	9.10	5.78	3.57
4	2.40	1.44	0.24	9.10	5.68	3.36

4	2.30	1.38	0.23	9.10	5.60	3.15
4	2.20	1.31	0.22	9.10	5.51	2.93
4	2.10	1.25	0.21	9.10	5.44	2.72
4	2.00	1.18	0.20	9.10	5.37	2.51
4	2.00	1.18	0.20	9.10	5.37	2.51
4	1.90	1.12	0.19	9.10	5.31	2.30
4	1.80	1.06	0.18	9.10	5.24	2.09
4	1.70	1.00	0.17	9.10	5.19	1.88
4	1.60	0.94	0.16	9.10	5.14	1.74
4	1.50	0.87	0.15	9.10	5.09	1.73
4	1.40	0.81	0.14	9.10	5.05	1.73
4	1.30	0.76	0.13	9.10	5.02	1.72
4	1.20	0.70	0.12	9.10	4.99	1.72
4	1.10	0.64	0.11	9.10	4.96	1.71
4	1.00	0.58	0.10	9.10	4.93	1.71
4	1.00	0.58	0.10	9.10	4.93	1.71
4	0.90	0.52	0.09	9.10	4.90	1.70
4	0.80	0.46	0.08	9.10	4.88	1.70
4	0.70	0.40	0.07	9.10	4.86	1.69
4	0.60	0.34	0.06	9.10	4.84	1.69
4	0.50	0.29	0.05	9.10	4.83	1.68
4	0.40	0.23	0.04	9.10	4.81	1.68
4	0.30	0.17	0.03	9.10	4.80	1.67
4	0.20	0.11	0.02	9.10	4.79	1.67
4	0.10	0.06	0.01	9.10	4.78	1.66
4	0.00	0.00	0.00	9.10	4.77	1.66

		***** Stresses *****		***** Pore Pressures *****		
Material	XI	Total	Effective	Total	Static	Excess
4	2.70	0.00	0.00	0.00	0.00	0.00
4	2.60	7.17	0.48	6.68	6.11	0.57
4	2.51	14.09	0.92	13.17	11.98	1.20
4	2.42	20.79	1.31	19.49	17.62	1.87
4	2.33	27.30	1.65	25.65	23.07	2.58
4	2.25	33.64	1.96	31.67	28.35	3.32
4	2.17	39.82	2.24	37.57	33.47	4.10
4	2.09	45.85	2.49	43.36	38.45	4.91
4	2.01	51.77	2.72	49.05	43.31	5.74
4	1.93	57.57	2.92	54.65	48.05	6.59
4	1.86	63.26	3.10	60.16	52.69	7.47
4	1.86	63.26	3.10	60.16	52.69	7.47
4	1.79	68.86	3.29	65.58	57.23	8.34
4	1.71	74.37	3.45	70.92	61.68	9.23
4	1.64	79.79	3.60	76.19	66.05	10.14
4	1.58	85.14	3.74	81.40	70.34	11.06
4	1.51	90.42	3.86	86.56	74.56	12.00
4	1.44	95.63	3.97	91.66	78.72	12.94
4	1.38	100.79	4.08	96.72	82.82	13.90
4	1.31	105.90	4.17	101.73	86.87	14.86
4	1.25	110.96	4.25	106.70	90.87	15.83
4	1.18	115.97	4.33	111.64	94.83	16.81
4	1.18	115.97	4.33	111.64	94.83	16.81
4	1.12	120.95	4.41	116.54	98.75	17.79
4	1.06	125.88	4.48	121.40	102.62	18.77

4	1.00	130.78	4.55	126.23	106.47	19.77
4	0.94	135.64	4.60	131.04	110.27	20.77
4	0.87	140.48	4.66	135.82	114.05	21.77
4	0.81	145.29	4.70	140.59	117.81	22.78
4	0.76	150.08	4.75	145.33	121.54	23.79
4	0.70	154.84	4.78	150.06	125.24	24.81
4	0.64	159.59	4.82	154.77	128.93	25.84
4	0.58	164.32	4.85	159.47	132.60	26.86
4	0.58	164.32	4.85	159.47	132.60	26.86
4	0.52	169.03	4.88	164.15	136.26	27.89
4	0.46	173.73	4.91	168.82	139.90	28.92
4	0.40	178.41	4.93	173.48	143.53	29.95
4	0.34	183.08	4.95	178.13	147.14	30.99
4	0.29	187.74	4.97	182.77	150.74	32.03
4	0.23	192.40	4.98	187.41	154.34	33.07
4	0.17	197.04	5.00	192.04	157.93	34.11
4	0.11	201.68	5.80	195.88	161.51	34.37
4	0.06	206.31	6.68	199.63	165.08	34.54
4	0.00	210.93	7.57	203.36	168.65	34.71

Time = 120. Degree of Consolidation = 56.%

Total Settlement = 1.297

Settlement at End of Primary Consolidation = 2.325

Settlement caused by Primary Consolidation at time 120. = 1.297

Settlement caused by Secondary Compression at time 120. = 0.000

Surface Elevation = 2.11

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.85	10.72	24.00	22.67	19.14
1	29.79	29.66	10.72	23.95	22.62	19.09
1	29.59	29.47	10.71	23.90	22.57	19.04
1	29.39	29.28	10.70	23.85	22.52	18.99
1	29.19	29.09	10.69	23.81	22.48	18.94
1	28.99	28.90	10.68	23.76	22.43	18.89
1	28.79	28.71	10.67	23.71	22.38	18.85
1	28.59	28.52	10.67	23.66	22.33	18.80
1	28.39	28.33	10.66	23.61	22.28	18.75
1	28.19	28.15	10.65	23.56	22.23	18.70
1	27.99	27.96	10.64	23.51	22.19	18.65
2	27.99	27.96	10.64	1.78	1.78	1.78
2	26.78	26.75	10.21	1.78	1.77	1.77
2	25.57	25.53	9.77	1.77	1.77	1.77
2	24.36	24.33	9.33	1.77	1.76	1.76
2	23.15	23.12	8.90	1.76	1.75	1.75
2	21.95	21.92	8.46	1.75	1.75	1.75
2	20.75	20.72	8.02	1.74	1.74	1.73
2	19.55	19.53	7.58	1.73	1.73	1.72
2	18.36	18.34	7.15	1.72	1.72	1.71
2	17.17	17.15	6.71	1.71	1.71	1.70
2	15.99	15.97	6.27	1.70	1.70	1.68

3	15.99	15.97	6.27	1.62	1.62	1.61
3	14.36	14.34	5.65	1.60	1.60	1.59
3	12.73	12.71	5.02	1.59	1.58	1.58
3	11.11	11.09	4.39	1.57	1.57	1.57
3	9.50	9.48	3.76	1.56	1.56	1.55
3	7.90	7.88	3.14	1.55	1.54	1.54
3	6.30	6.29	2.51	1.54	1.53	1.53
3	4.72	4.71	1.88	1.52	1.52	1.52
3	3.14	3.13	1.25	1.51	1.51	1.50
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.48	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.85	202.53	11.59	190.95	160.25	30.70
1	29.66	214.88	12.00	202.88	172.17	30.71
1	29.47	227.19	12.42	214.78	184.06	30.72
1	29.28	239.49	12.83	226.65	195.93	30.72
1	29.09	251.76	13.25	238.51	207.78	30.73
1	28.90	264.00	13.67	250.33	219.60	30.73
1	28.71	276.22	14.09	262.14	231.40	30.74
1	28.52	288.42	14.50	273.91	243.17	30.74
1	28.33	300.59	14.93	285.66	254.92	30.75
1	28.15	312.74	15.35	297.39	266.64	30.75
1	27.96	324.86	15.77	309.09	278.34	30.75
1	27.96	324.86	15.77	309.09	278.34	30.75
2	26.75	444.69	60.94	383.75	354.02	29.73

2	25.53	564.39	111.79	452.60	429.56	23.04
2	24.33	683.92	162.32	521.60	504.93	16.67
2	23.12	803.26	217.81	585.45	580.11	5.34
2	21.92	922.39	262.16	660.23	655.08	5.15
2	20.72	1041.31	291.10	750.21	729.84	20.37
2	19.53	1160.00	322.99	837.01	804.37	32.64
2	18.34	1278.43	359.02	919.41	878.64	40.77
2	17.15	1396.55	401.66	994.89	952.61	42.28
2	15.97	1514.35	445.82	1068.53	1026.24	42.28
2	15.97	1514.35	445.82	1068.53	1026.24	42.28
3	14.34	1678.37	507.68	1170.69	1128.41	42.28
3	12.71	1841.66	583.76	1257.90	1229.84	28.06
3	11.09	2004.38	651.05	1353.33	1330.70	22.63
3	9.48	2166.59	715.61	1450.98	1431.06	19.92
3	7.88	2328.31	779.00	1549.31	1530.91	18.39
3	6.29	2489.52	841.51	1648.01	1630.27	17.74
3	4.71	2650.26	903.06	1747.20	1729.15	18.05
3	3.13	2810.51	963.39	1847.12	1827.55	19.57
3	1.56	2970.30	1021.56	1948.74	1925.47	23.26
3	0.00	3129.60	1079.54	2050.05	2022.92	27.14

Time = 180. Degree of Consolidation = 29.%

Total Settlement = 0.142

Settlement at End of Primary Consolidation = 0.486

Settlement caused by Primary Consolidation at time 180. = 0.142

Settlement caused by Secondary Compression at time 180. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.00	2.57	0.40	9.10	9.10	9.10
4	3.90	2.47	0.39	9.10	8.55	8.19
4	3.80	2.38	0.38	9.10	8.06	7.28
4	3.70	2.29	0.37	9.10	7.63	6.37
4	3.60	2.21	0.36	9.10	7.25	5.46
4	3.50	2.13	0.35	9.10	6.92	4.80
4	3.40	2.05	0.34	9.10	6.63	4.78
4	3.30	1.98	0.33	9.10	6.39	4.77
4	3.20	1.90	0.32	9.10	6.18	4.76
4	3.10	1.83	0.31	9.10	6.00	4.75
4	3.00	1.77	0.30	9.10	5.84	4.63
4	3.00	1.77	0.30	9.10	5.84	4.63
4	2.90	1.70	0.29	9.10	5.69	4.41
4	2.80	1.63	0.28	9.10	5.56	4.20
4	2.70	1.57	0.27	9.10	5.45	3.99
4	2.60	1.51	0.26	9.10	5.35	3.78
4	2.50	1.44	0.25	9.10	5.27	3.57
4	2.40	1.38	0.24	9.10	5.20	3.36
4	2.30	1.32	0.23	9.10	5.14	3.15
4	2.20	1.26	0.22	9.10	5.09	2.93
4	2.10	1.20	0.21	9.10	5.05	2.72
4	2.00	1.14	0.20	9.10	5.01	2.51

4	2.00	1.14	0.20	9.10	5.01	2.51
4	1.90	1.08	0.19	9.10	4.97	2.30
4	1.80	1.02	0.18	9.10	4.94	2.09
4	1.70	0.96	0.17	9.10	4.91	1.88
4	1.60	0.90	0.16	9.10	4.88	1.74
4	1.50	0.85	0.15	9.10	4.86	1.73
4	1.40	0.79	0.14	9.10	4.84	1.73
4	1.30	0.73	0.13	9.10	4.83	1.72
4	1.20	0.67	0.12	9.10	4.81	1.72
4	1.10	0.62	0.11	9.10	4.80	1.71
4	1.00	0.56	0.10	9.10	4.78	1.71
4	1.00	0.56	0.10	9.10	4.78	1.71
4	0.90	0.50	0.09	9.10	4.77	1.70
4	0.80	0.44	0.08	9.10	4.75	1.70
4	0.70	0.39	0.07	9.10	4.73	1.69
4	0.60	0.33	0.06	9.10	4.70	1.69
4	0.50	0.27	0.05	9.10	4.66	1.68
4	0.40	0.22	0.04	9.10	4.62	1.68
4	0.30	0.16	0.03	9.10	4.57	1.67
4	0.20	0.11	0.02	9.10	4.53	1.67
4	0.10	0.05	0.01	9.10	4.48	1.66
4	0.00	0.00	0.00	9.10	4.42	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.57	0.00	0.00	0.00	0.00	0.00
4	2.47	7.12	0.64	6.48	6.07	0.42

4	2.38	13.93	1.21	12.72	11.81	0.90
4	2.29	20.44	1.71	18.73	17.27	1.46
4	2.21	26.71	2.15	24.56	22.48	2.08
4	2.13	32.76	2.54	30.22	27.48	2.75
4	2.05	38.62	2.87	35.75	32.28	3.47
4	1.98	44.32	3.15	41.16	36.92	4.25
4	1.90	49.87	3.40	46.47	41.41	5.06
4	1.83	55.30	3.61	51.70	45.79	5.91
4	1.77	60.63	3.79	56.85	50.06	6.78
4	1.77	60.63	3.79	56.85	50.06	6.78
4	1.70	65.87	3.97	61.90	54.24	7.66
4	1.63	71.02	4.12	66.90	58.33	8.57
4	1.57	76.09	4.25	71.84	62.35	9.49
4	1.51	81.10	4.36	76.74	66.30	10.44
4	1.44	86.05	4.45	81.60	70.20	11.40
4	1.38	90.96	4.54	86.43	74.05	12.38
4	1.32	95.83	4.60	91.23	77.86	13.37
4	1.26	100.67	4.66	96.00	81.64	14.36
4	1.20	105.47	4.71	100.76	85.39	15.37
4	1.14	110.25	4.76	105.49	89.11	16.38
4	1.14	110.25	4.76	105.49	89.11	16.38
4	1.08	115.01	4.80	110.21	92.81	17.40
4	1.02	119.74	4.84	114.90	96.49	18.42
4	0.96	124.46	4.87	119.59	100.15	19.44
4	0.90	129.16	4.90	124.26	103.79	20.47
4	0.85	133.85	4.93	128.92	107.42	21.50
4	0.79	138.52	4.95	133.57	111.03	22.53

4	0.73	143.18	4.97	138.21	114.64	23.57
4	0.67	147.83	4.99	142.84	118.23	24.61
4	0.62	152.47	5.23	147.24	121.82	25.42
4	0.56	157.11	6.35	150.76	125.40	25.37
4	0.56	157.11	6.35	150.76	125.40	25.37
4	0.50	161.74	7.46	154.27	128.97	25.31
4	0.44	166.35	8.83	157.53	132.53	25.00
4	0.39	170.96	10.05	160.91	136.07	24.84
4	0.33	175.55	10.22	165.33	139.60	25.72
4	0.27	180.11	10.40	169.71	143.11	26.60
4	0.22	184.65	10.61	174.05	146.60	27.45
4	0.16	189.17	10.83	178.34	150.05	28.29
4	0.11	193.65	11.06	182.59	153.48	29.11
4	0.05	198.11	11.32	186.79	156.88	29.91
4	0.00	202.53	11.59	190.95	160.25	30.70

Time = 180. Degree of Consolidation = 62.%

Total Settlement = 1.432

Settlement at End of Primary Consolidation = 2.325

Settlement caused by Primary Consolidation at time 180. = 1.432

Settlement caused by Secondary Compression at time 180. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.93

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****

***** Void Ratios *****

Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.80	10.72	24.00	22.16	19.14
1	29.79	29.61	10.72	23.95	22.11	19.09
1	29.59	29.43	10.71	23.90	22.06	19.04
1	29.39	29.24	10.70	23.85	22.02	18.99
1	29.19	29.06	10.69	23.81	21.97	18.94
1	28.99	28.87	10.68	23.76	21.92	18.89
1	28.79	28.69	10.67	23.71	21.87	18.85
1	28.59	28.50	10.67	23.66	21.82	18.80
1	28.39	28.32	10.66	23.61	21.78	18.75
1	28.19	28.13	10.65	23.56	21.73	18.70
1	27.99	27.95	10.64	23.51	21.68	18.65
2	27.99	27.95	10.64	1.78	1.78	1.78
2	26.78	26.74	10.21	1.78	1.77	1.77
2	25.57	25.53	9.77	1.77	1.77	1.77
2	24.36	24.32	9.33	1.77	1.76	1.76
2	23.15	23.11	8.90	1.76	1.75	1.75
2	21.95	21.91	8.46	1.75	1.75	1.75
2	20.75	20.72	8.02	1.74	1.74	1.73
2	19.55	19.52	7.58	1.73	1.73	1.72
2	18.36	18.33	7.15	1.72	1.72	1.71
2	17.17	17.15	6.71	1.71	1.71	1.70
2	15.99	15.97	6.27	1.70	1.70	1.68
3	15.99	15.97	6.27	1.62	1.62	1.61
3	14.36	14.33	5.65	1.60	1.60	1.59
3	12.73	12.70	5.02	1.59	1.58	1.58

3	11.11	11.09	4.39	1.57	1.57	1.57
3	9.50	9.48	3.76	1.56	1.56	1.55
3	7.90	7.88	3.14	1.55	1.54	1.54
3	6.30	6.29	2.51	1.54	1.53	1.53
3	4.72	4.71	1.88	1.52	1.52	1.52
3	3.14	3.13	1.25	1.51	1.51	1.50
3	1.56	1.56	0.63	1.50	1.49	1.49
3	0.00	0.00	0.00	1.49	1.48	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.80	194.87	16.01	178.87	152.59	26.28
1	29.61	206.96	16.42	190.54	164.25	26.29
1	29.43	219.02	16.83	202.18	175.89	26.30
1	29.24	231.06	17.25	213.81	187.50	26.30
1	29.06	243.07	17.67	225.40	199.09	26.31
1	28.87	255.06	18.08	236.97	210.66	26.32
1	28.69	267.02	18.50	248.52	222.20	26.32
1	28.50	278.96	18.92	260.04	233.71	26.32
1	28.32	290.88	19.34	271.53	245.21	26.33
1	28.13	302.77	19.77	283.00	256.67	26.33
1	27.95	314.64	20.19	294.45	268.12	26.33
1	27.95	314.64	20.19	294.45	268.12	26.33
2	26.74	434.46	66.35	368.11	343.78	24.33
2	25.53	554.14	116.89	437.25	419.30	17.95
2	24.32	673.65	167.87	505.78	494.66	11.12
2	23.11	792.97	223.15	569.82	569.82	0.00

2	21.91	912.08	264.50	647.59	644.77	2.81
2	20.72	1030.98	293.19	737.79	719.51	18.28
2	19.52	1149.65	324.66	825.00	794.02	30.97
2	18.33	1268.07	360.04	908.04	868.29	39.75
2	17.15	1386.20	401.66	984.53	942.25	42.28
2	15.97	1503.99	445.82	1058.17	1015.89	42.28
2	15.97	1503.99	445.82	1058.17	1015.89	42.28
3	14.33	1668.02	507.68	1160.34	1118.06	42.28
3	12.70	1831.29	587.65	1243.64	1219.47	24.17
3	11.09	1993.98	656.95	1337.03	1320.30	16.73
3	9.48	2156.14	722.53	1433.61	1420.60	13.00
3	7.88	2317.79	786.31	1531.49	1520.40	11.09
3	6.29	2478.95	848.78	1630.17	1619.70	10.47
3	4.71	2639.63	910.00	1729.63	1718.52	11.11
3	3.13	2799.83	969.82	1830.02	1816.87	13.15
3	1.56	2959.57	1027.15	1932.42	1914.75	17.67
3	0.00	3118.82	1085.10	2033.72	2012.14	21.58

Time = 240. Degree of Consolidation = 40.%

Total Settlement = 0.192

Settlement at End of Primary Consolidation = 0.486

Settlement caused by Primary Consolidation at time 240. =
0.192

Settlement caused by Secondary Compression at time 240. =
0.000

*****Current Conditions in Dredged Fill*****

***** Coordinates *****

***** Void Ratios *****

	A	XI	Z	Einitial	E	Eeop
Material	4.00	2.45	0.40	9.10	9.10	9.10
4	3.90	2.35	0.39	9.10	8.51	8.19
4	3.80	2.26	0.38	9.10	7.99	7.28
4	3.70	2.17	0.37	9.10	7.53	6.37
4	3.60	2.09	0.36	9.10	7.13	5.46
4	3.50	2.01	0.35	9.10	6.78	4.80
4	3.40	1.93	0.34	9.10	6.48	4.78
4	3.30	1.86	0.33	9.10	6.23	4.77
4	3.20	1.79	0.32	9.10	6.01	4.76
4	3.10	1.72	0.31	9.10	5.83	4.75
4	3.00	1.65	0.30	9.10	5.68	4.63
4	3.00	1.65	0.30	9.10	5.68	4.63
4	2.90	1.59	0.29	9.10	5.52	4.41
4	2.80	1.53	0.28	9.10	5.39	4.20
4	2.70	1.46	0.27	9.10	5.29	3.99
4	2.60	1.40	0.26	9.10	5.20	3.78
4	2.50	1.34	0.25	9.10	5.12	3.57
4	2.40	1.28	0.24	9.10	5.05	3.36
4	2.30	1.22	0.23	9.10	5.00	3.15
4	2.20	1.16	0.22	9.10	4.95	2.93
4	2.10	1.10	0.21	9.10	4.91	2.72
4	2.00	1.04	0.20	9.10	4.88	2.51
4	2.00	1.04	0.20	9.10	4.88	2.51
4	1.90	0.99	0.19	9.10	4.85	2.30
4	1.80	0.93	0.18	9.10	4.82	2.09

4	1.70	0.87	0.17	9.10	4.79	1.88
4	1.60	0.81	0.16	9.10	4.75	1.74
4	1.50	0.76	0.15	9.10	4.68	1.73
4	1.40	0.70	0.14	9.10	4.60	1.73
4	1.30	0.65	0.13	9.10	4.52	1.72
4	1.20	0.59	0.12	9.10	4.44	1.72
4	1.10	0.54	0.11	9.10	4.36	1.71
4	1.00	0.49	0.10	9.10	4.28	1.71
4	1.00	0.49	0.10	9.10	4.28	1.71
4	0.90	0.43	0.09	9.10	4.20	1.70
4	0.80	0.38	0.08	9.10	4.13	1.70
4	0.70	0.33	0.07	9.10	4.05	1.69
4	0.60	0.28	0.06	9.10	3.98	1.69
4	0.50	0.23	0.05	9.10	3.90	1.68
4	0.40	0.19	0.04	9.10	3.83	1.68
4	0.30	0.14	0.03	9.10	3.76	1.67
4	0.20	0.09	0.02	9.10	3.69	1.67
4	0.10	0.05	0.01	9.10	3.61	1.66
4	0.00	0.00	0.00	9.10	3.54	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.45	0.00	0.00	0.00	0.00	0.00
4	2.35	7.11	0.68	6.43	6.06	0.37
4	2.26	13.88	1.29	12.59	11.77	0.82
4	2.17	20.35	1.83	18.52	17.18	1.34
4	2.09	26.55	2.29	24.25	22.32	1.94

4	2.01	32.51	2.70	29.82	27.23	2.59
4	1.93	38.28	3.04	35.24	31.94	3.30
4	1.86	43.88	3.34	40.55	36.49	4.06
4	1.79	49.34	3.59	45.75	40.88	4.87
4	1.72	54.67	3.80	50.87	45.16	5.71
4	1.65	59.90	3.98	55.92	49.33	6.59
4	1.65	59.90	3.98	55.92	49.33	6.59
4	1.59	65.03	4.16	60.88	53.41	7.47
4	1.53	70.08	4.31	65.77	57.40	8.38
4	1.46	75.05	4.43	70.62	61.31	9.31
4	1.40	79.97	4.54	75.43	65.17	10.26
4	1.34	84.83	4.63	80.20	68.97	11.23
4	1.28	89.64	4.70	84.94	72.73	12.21
4	1.22	94.42	4.77	89.66	76.45	13.20
4	1.16	99.17	4.82	94.35	80.15	14.21
4	1.10	103.90	4.87	99.03	83.81	15.22
4	1.04	108.60	4.91	103.69	87.46	16.23
4	1.04	108.60	4.91	103.69	87.46	16.23
4	0.99	113.28	4.95	108.33	91.08	17.25
4	0.93	117.94	4.98	112.95	94.68	18.27
4	0.87	122.58	6.16	116.41	98.26	18.15
4	0.81	127.20	9.30	117.90	101.83	16.07
4	0.76	131.79	10.30	121.49	105.36	16.13
4	0.70	136.33	10.71	125.62	108.84	16.77
4	0.65	140.82	11.11	129.70	112.28	17.43
4	0.59	145.26	11.51	133.75	115.66	18.09
4	0.54	149.65	11.91	137.74	119.00	18.75

4	0.49	154.00	12.30	141.70	122.28	19.41
4	0.49	154.00	12.30	141.70	122.28	19.41
4	0.43	158.29	12.69	145.60	125.52	20.08
4	0.38	162.54	13.07	149.46	128.71	20.75
4	0.33	166.74	13.45	153.29	131.85	21.43
4	0.28	170.89	13.82	157.07	134.95	22.12
4	0.23	175.00	14.19	160.81	138.00	22.81
4	0.19	179.06	14.55	164.52	141.01	23.51
4	0.14	183.08	14.91	168.18	143.97	24.20
4	0.09	187.06	15.27	171.79	146.89	24.90
4	0.05	190.99	15.64	175.35	149.76	25.59
4	0.00	194.87	16.01	178.87	152.59	26.28

Time = 240. Degree of Consolidation = 67.%

Total Settlement = 1.555

Settlement at End of Primary Consolidation = 2.325

Settlement caused by Primary Consolidation at time 240. = 1.555

Settlement caused by Secondary Compression at time 240. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.75

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.71	10.72	24.00	21.17	19.14

1	29.79	29.53	10.72	23.95	21.12	19.09
1	29.59	29.35	10.71	23.90	21.07	19.04
1	29.39	29.17	10.70	23.85	21.03	18.99
1	29.19	28.99	10.69	23.81	20.98	18.94
1	28.99	28.82	10.68	23.76	20.93	18.89
1	28.79	28.64	10.67	23.71	20.88	18.85
1	28.59	28.46	10.67	23.66	20.83	18.80
1	28.39	28.29	10.66	23.61	20.78	18.75
1	28.19	28.11	10.65	23.56	20.74	18.70
1	27.99	27.94	10.64	23.51	20.69	18.65
2	27.99	27.94	10.64	1.78	1.78	1.78
2	26.78	26.72	10.21	1.78	1.77	1.77
2	25.57	25.51	9.77	1.77	1.77	1.77
2	24.36	24.31	9.33	1.77	1.76	1.76
2	23.15	23.10	8.90	1.76	1.75	1.75
2	21.95	21.90	8.46	1.75	1.75	1.75
2	20.75	20.70	8.02	1.74	1.74	1.73
2	19.55	19.51	7.58	1.73	1.73	1.72
2	18.36	18.32	7.15	1.72	1.72	1.71
2	17.17	17.13	6.71	1.71	1.71	1.70
2	15.99	15.95	6.27	1.70	1.70	1.68
3	15.99	15.95	6.27	1.62	1.62	1.61
3	14.36	14.32	5.65	1.60	1.60	1.59
3	12.73	12.69	5.02	1.59	1.58	1.58
3	11.11	11.08	4.39	1.57	1.57	1.57
3	9.50	9.47	3.76	1.56	1.55	1.55
3	7.90	7.87	3.14	1.55	1.54	1.54

3	6.30	6.28	2.51	1.54	1.53	1.53
3	4.72	4.70	1.88	1.52	1.52	1.52
3	3.14	3.13	1.25	1.51	1.50	1.50
3	1.56	1.56	0.63	1.50	1.49	1.49
3	0.00	0.00	0.00	1.49	1.48	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.71	176.66	24.62	152.04	134.38	17.66
1	29.53	188.25	25.04	163.21	145.54	17.67
1	29.35	199.81	25.45	174.36	156.68	17.68
1	29.17	211.35	25.87	185.48	167.79	17.69
1	28.99	222.86	26.29	196.57	178.88	17.69
1	28.82	234.35	26.70	207.65	189.95	17.70
1	28.64	245.81	27.12	218.69	200.99	17.70
1	28.46	257.26	27.54	229.71	212.01	17.70
1	28.29	268.67	27.96	240.71	223.00	17.71
1	28.11	280.06	28.39	251.68	233.97	17.71
1	27.94	291.43	28.81	262.62	244.91	17.71
1	27.94	291.43	28.81	262.62	244.91	17.71
2	26.72	411.23	74.40	336.83	320.55	16.28
2	25.51	530.89	122.36	408.53	396.05	12.47
2	24.31	650.38	171.20	479.18	471.39	7.79
2	23.10	769.70	223.15	546.55	546.55	0.00
2	21.90	888.81	265.26	623.55	621.50	2.05
2	20.70	1007.70	294.38	713.32	696.23	17.09
2	19.51	1126.36	325.89	800.47	770.73	29.74

2	18.32	1244.77	360.89	883.88	844.98	38.90
2	17.13	1362.89	401.66	961.23	918.95	42.28
2	15.95	1480.69	445.82	1034.87	992.58	42.28
2	15.95	1480.69	445.82	1034.87	992.58	42.28
3	14.32	1644.73	507.68	1137.05	1094.77	42.28
3	12.69	1807.97	595.07	1212.90	1196.15	16.75
3	11.08	1970.58	668.10	1302.48	1296.90	5.58
3	9.47	2132.65	735.11	1397.53	1397.11	0.42
3	7.87	2294.21	797.39	1496.82	1496.82	0.00
3	6.28	2455.29	859.25	1596.04	1596.04	0.00
3	4.70	2615.88	921.11	1694.77	1694.77	0.00
3	3.13	2775.99	981.71	1794.29	1793.03	1.26
3	1.56	2935.64	1037.83	1897.80	1890.81	6.99
3	0.00	3094.80	1095.77	1999.03	1988.12	10.91

Time = 365. Degree of Consolidation = 59.%

Total Settlement = 0.285

Settlement at End of Primary Consolidation = 0.486

Settlement caused by Primary Consolidation at time 365. = 0.285

Settlement caused by Secondary Compression at time 365. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.00	2.15	0.40	9.10	9.10	9.10

4	3.90	2.06	0.39	9.10	8.48	8.19
4	3.80	1.97	0.38	9.10	7.93	7.28
4	3.70	1.88	0.37	9.10	7.45	6.37
4	3.60	1.80	0.36	9.10	7.03	5.46
4	3.50	1.72	0.35	9.10	6.67	4.80
4	3.40	1.65	0.34	9.10	6.36	4.78
4	3.30	1.57	0.33	9.10	6.10	4.77
4	3.20	1.51	0.32	9.10	5.87	4.76
4	3.10	1.44	0.31	9.10	5.69	4.75
4	3.00	1.37	0.30	9.10	5.53	4.63
4	3.00	1.37	0.30	9.10	5.53	4.63
4	2.90	1.31	0.29	9.10	5.38	4.41
4	2.80	1.25	0.28	9.10	5.25	4.20
4	2.70	1.19	0.27	9.10	5.14	3.99
4	2.60	1.12	0.26	9.10	5.05	3.78
4	2.50	1.07	0.25	9.10	4.98	3.57
4	2.40	1.01	0.24	9.10	4.92	3.36
4	2.30	0.95	0.23	9.10	4.87	3.15
4	2.20	0.89	0.22	9.10	4.83	2.93
4	2.10	0.83	0.21	9.10	4.79	2.72
4	2.00	0.78	0.20	9.10	4.75	2.51
4	2.00	0.78	0.20	9.10	4.75	2.51
4	1.90	0.72	0.19	9.10	4.32	2.30
4	1.80	0.67	0.18	9.10	3.98	2.09
4	1.70	0.62	0.17	9.10	3.74	1.88
4	1.60	0.58	0.16	9.10	3.55	1.74
4	1.50	0.53	0.15	9.10	3.39	1.73

4	1.40	0.49	0.14	9.10	3.25	1.73
4	1.30	0.45	0.13	9.10	3.13	1.72
4	1.20	0.41	0.12	9.10	3.02	1.72
4	1.10	0.37	0.11	9.10	2.92	1.71
4	1.00	0.33	0.10	9.10	2.82	1.71
4	1.00	0.33	0.10	9.10	2.82	1.71
4	0.90	0.29	0.09	9.10	2.72	1.70
4	0.80	0.26	0.08	9.10	2.62	1.70
4	0.70	0.22	0.07	9.10	2.53	1.69
4	0.60	0.19	0.06	9.10	2.43	1.69
4	0.50	0.15	0.05	9.10	2.33	1.68
4	0.40	0.12	0.04	9.10	2.24	1.68
4	0.30	0.09	0.03	9.10	2.13	1.67
4	0.20	0.06	0.02	9.10	2.03	1.67
4	0.10	0.03	0.01	9.10	1.93	1.66
4	0.00	0.00	0.00	9.10	1.82	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.15	0.00	0.00	0.00	0.00	0.00
4	2.06	7.10	0.72	6.38	6.05	0.34
4	1.97	13.84	1.36	12.49	11.73	0.76
4	1.88	20.27	1.92	18.35	17.10	1.25
4	1.80	26.41	2.41	24.00	22.18	1.82
4	1.72	32.31	2.83	29.48	27.03	2.46
4	1.65	38.01	3.19	34.82	31.67	3.15
4	1.57	43.53	3.49	40.04	36.13	3.91

4	1.51	48.90	3.75	45.15	40.44	4.71
4	1.44	54.14	3.97	50.18	44.63	5.55
4	1.37	59.28	4.15	55.14	48.71	6.42
4	1.37	59.28	4.15	55.14	48.71	6.42
4	1.31	64.33	4.33	60.00	52.70	7.30
4	1.25	69.28	4.48	64.80	56.60	8.21
4	1.19	74.17	4.60	69.56	60.42	9.14
4	1.12	78.99	4.71	74.28	64.19	10.09
4	1.07	83.76	4.79	78.97	67.90	11.06
4	1.01	88.49	4.86	83.63	71.58	12.05
4	0.95	93.19	4.92	88.27	75.22	13.05
4	0.89	97.86	4.97	92.89	78.83	14.06
4	0.83	102.51	5.66	96.85	82.42	14.42
4	0.78	107.13	8.89	98.24	85.99	12.25
4	0.78	107.13	8.89	98.24	85.99	12.25
4	0.72	111.60	12.12	99.49	89.40	10.08
4	0.67	115.83	13.81	102.03	92.58	9.45
4	0.62	119.89	15.02	104.87	95.58	9.30
4	0.58	123.81	15.96	107.85	98.44	9.41
4	0.53	127.63	16.75	110.88	101.20	9.68
4	0.49	131.35	17.43	113.92	103.87	10.05
4	0.45	135.00	18.04	116.97	106.46	10.51
4	0.41	138.58	18.59	119.99	108.98	11.01
4	0.37	142.09	19.11	122.98	111.43	11.54
4	0.33	145.53	19.61	125.93	113.82	12.11
4	0.33	145.53	19.61	125.93	113.82	12.11
4	0.29	148.92	20.10	128.82	116.15	12.67

4	0.26	152.24	20.59	131.66	118.42	13.24
4	0.22	155.51	21.07	134.44	120.63	13.81
4	0.19	158.72	21.55	137.17	122.77	14.39
4	0.15	161.86	22.03	139.83	124.86	14.96
4	0.12	164.95	22.52	142.42	126.89	15.53
4	0.09	167.97	23.03	144.95	128.86	16.09
4	0.06	170.93	23.54	147.39	130.77	16.63
4	0.03	173.83	24.07	149.76	132.61	17.15
4	0.00	176.66	24.62	152.04	134.38	17.66

Time = 365. Degree of Consolidation = 79.%

Total Settlement = 1.846

Settlement at End of Primary Consolidation = 2.325

Settlement caused by Primary Consolidation at time 365. = 1.846

Settlement caused by Secondary Compression at time 365. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.37

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.69	10.72	24.00	21.04	19.14
1	29.79	29.52	10.72	23.95	20.99	19.09
1	29.59	29.34	10.71	23.90	20.94	19.04
1	29.39	29.16	10.70	23.85	20.89	18.99

1	29.19	28.98	10.69	23.81	20.84	18.94
1	28.99	28.81	10.68	23.76	20.80	18.89
1	28.79	28.63	10.67	23.71	20.75	18.85
1	28.59	28.46	10.67	23.66	20.70	18.80
1	28.39	28.28	10.66	23.61	20.65	18.75
1	28.19	28.11	10.65	23.56	20.60	18.70
1	27.99	27.93	10.64	23.51	20.55	18.65
2	27.99	27.93	10.64	1.78	1.78	1.78
2	26.78	26.72	10.21	1.78	1.77	1.77
2	25.57	25.51	9.77	1.77	1.77	1.77
2	24.36	24.30	9.33	1.77	1.76	1.76
2	23.15	23.10	8.90	1.76	1.75	1.75
2	21.95	21.90	8.46	1.75	1.75	1.75
2	20.75	20.70	8.02	1.74	1.74	1.73
2	19.55	19.51	7.58	1.73	1.73	1.72
2	18.36	18.32	7.15	1.72	1.72	1.71
2	17.17	17.13	6.71	1.71	1.71	1.70
2	15.99	15.95	6.27	1.70	1.70	1.68
3	15.99	15.95	6.27	1.62	1.62	1.61
3	14.36	14.31	5.65	1.60	1.60	1.59
3	12.73	12.69	5.02	1.59	1.58	1.58
3	11.11	11.08	4.39	1.57	1.57	1.57
3	9.50	9.47	3.76	1.56	1.55	1.55
3	7.90	7.87	3.14	1.55	1.54	1.54
3	6.30	6.28	2.51	1.54	1.53	1.53
3	4.72	4.70	1.88	1.52	1.52	1.52
3	3.14	3.13	1.25	1.51	1.50	1.50

3	1.56	1.56	0.63	1.50	1.49	1.49
3	0.00	0.00	0.00	1.49	1.48	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.69	173.72	25.75	147.97	131.43	16.53
1	29.52	185.24	26.17	159.07	142.53	16.53
1	29.34	196.73	26.60	170.14	153.60	16.54
1	29.16	208.20	27.02	181.19	164.65	16.54
1	28.98	219.65	27.44	192.21	175.67	16.54
1	28.81	231.07	27.86	203.21	186.67	16.54
1	28.63	242.47	28.29	214.18	197.65	16.54
1	28.46	253.84	28.71	225.13	208.60	16.54
1	28.28	265.19	29.13	236.06	219.52	16.54
1	28.11	276.52	29.56	246.96	230.42	16.54
1	27.93	287.81	29.98	257.83	241.30	16.54
2	27.93	287.81	29.98	257.83	241.30	16.54
2	26.72	407.61	76.18	331.43	316.93	14.50
2	25.51	527.27	123.78	403.49	392.43	11.06
2	24.30	646.75	172.07	474.68	467.76	6.92
2	23.10	766.07	223.15	542.91	542.91	0.00
2	21.90	885.18	265.30	619.88	617.87	2.01
2	20.70	1004.07	294.45	709.62	692.60	17.02
2	19.51	1122.73	325.97	796.76	767.10	29.66
2	18.32	1241.14	360.95	880.19	841.35	38.84
2	17.13	1359.26	401.66	957.60	915.31	42.28
2	15.95	1477.05	445.82	1031.23	988.95	42.28

3	15.95	1477.05	445.82	1031.23	988.95	42.28
3	14.31	1641.11	507.68	1133.43	1091.15	42.28
3	12.69	1804.32	600.59	1203.73	1192.50	11.23
3	11.08	1966.88	673.12	1293.76	1293.21	0.56
3	9.47	2128.93	735.53	1393.40	1393.40	0.00
3	7.87	2290.49	797.39	1493.10	1493.10	0.00
3	6.28	2451.57	859.25	1592.32	1592.32	0.00
3	4.70	2612.16	921.11	1691.06	1691.06	0.00
3	3.13	2772.27	982.96	1789.31	1789.31	0.00
3	1.56	2931.89	1042.42	1889.47	1887.07	2.40
3	0.00	3091.01	1101.56	1989.45	1984.33	5.12

Time = 730. Degree of Consolidation = 62.%

Total Settlement = 0.299

Settlement at End of Primary Consolidation = 0.486

Settlement caused by Primary Consolidation at time 730. = 0.299

Settlement caused by Secondary Compression at time 730. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.00	2.11	0.40	9.10	9.10	9.10
4	3.90	2.01	0.39	9.10	8.48	8.19
4	3.80	1.92	0.38	9.10	7.93	7.28
4	3.70	1.83	0.37	9.10	7.45	6.37

4	3.60	1.75	0.36	9.10	7.03	5.46
4	3.50	1.67	0.35	9.10	6.66	4.80
4	3.40	1.60	0.34	9.10	6.36	4.78
4	3.30	1.53	0.33	9.10	6.09	4.77
4	3.20	1.46	0.32	9.10	5.87	4.76
4	3.10	1.39	0.31	9.10	5.69	4.75
4	3.00	1.33	0.30	9.10	5.53	4.63
4	3.00	1.33	0.30	9.10	5.53	4.63
4	2.90	1.26	0.29	9.10	5.37	4.41
4	2.80	1.20	0.28	9.10	5.24	4.20
4	2.70	1.14	0.27	9.10	5.14	3.99
4	2.60	1.08	0.26	9.10	5.05	3.78
4	2.50	1.02	0.25	9.10	4.98	3.57
4	2.40	0.96	0.24	9.10	4.92	3.36
4	2.30	0.90	0.23	9.10	4.87	3.15
4	2.20	0.84	0.22	9.10	4.82	2.93
4	2.10	0.79	0.21	9.10	4.79	2.72
4	2.00	0.73	0.20	9.10	4.75	2.51
4	2.00	0.73	0.20	9.10	4.75	2.51
4	1.90	0.67	0.19	9.10	4.19	2.30
4	1.80	0.63	0.18	9.10	3.81	2.09
4	1.70	0.58	0.17	9.10	3.53	1.88
4	1.60	0.54	0.16	9.10	3.31	1.74
4	1.50	0.49	0.15	9.10	3.13	1.73
4	1.40	0.45	0.14	9.10	2.97	1.73
4	1.30	0.42	0.13	9.10	2.84	1.72
4	1.20	0.38	0.12	9.10	2.72	1.72

4	1.10	0.34	0.11	9.10	2.61	1.71
4	1.00	0.31	0.10	9.10	2.51	1.71
4	1.00	0.31	0.10	9.10	2.51	1.71
4	0.90	0.27	0.09	9.10	2.41	1.70
4	0.80	0.24	0.08	9.10	2.32	1.70
4	0.70	0.21	0.07	9.10	2.24	1.69
4	0.60	0.17	0.06	9.10	2.16	1.69
4	0.50	0.14	0.05	9.10	2.08	1.68
4	0.40	0.11	0.04	9.10	2.00	1.68
4	0.30	0.08	0.03	9.10	1.93	1.67
4	0.20	0.06	0.02	9.10	1.86	1.67
4	0.10	0.03	0.01	9.10	1.80	1.66
4	0.00	0.00	0.00	9.10	1.74	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.11	0.00	0.00	0.00	0.00	0.00
4	2.01	7.10	0.72	6.38	6.05	0.34
4	1.92	13.84	1.36	12.48	11.73	0.75
4	1.83	20.26	1.92	18.34	17.09	1.25
4	1.75	26.41	2.41	24.00	22.18	1.82
4	1.67	32.31	2.83	29.48	27.02	2.45
4	1.60	38.00	3.19	34.81	31.66	3.15
4	1.53	43.52	3.50	40.02	36.12	3.90
4	1.46	48.89	3.75	45.14	40.43	4.70
4	1.39	54.13	3.97	50.16	44.62	5.54
4	1.33	59.27	4.15	55.12	48.70	6.42

4	1.33	59.27	4.15	55.12	48.70	6.42
4	1.26	64.31	4.33	59.98	52.68	7.30
4	1.20	69.27	4.48	64.78	56.58	8.20
4	1.14	74.15	4.61	69.54	60.40	9.13
4	1.08	78.97	4.71	74.26	64.17	10.09
4	1.02	83.74	4.80	78.94	67.88	11.06
4	0.96	88.47	4.87	83.60	71.55	12.05
4	0.90	93.16	4.92	88.24	75.19	13.05
4	0.84	97.83	4.97	92.86	78.80	14.06
4	0.79	102.48	5.91	96.57	82.39	14.18
4	0.73	107.10	9.32	97.78	85.96	11.82
4	0.73	107.10	9.32	97.78	85.96	11.82
4	0.67	111.52	12.73	98.79	89.32	9.47
4	0.63	115.66	14.67	100.99	92.41	8.59
4	0.58	119.60	16.07	103.53	95.29	8.25
4	0.54	123.38	17.16	106.22	98.01	8.21
4	0.49	127.04	18.06	108.98	100.62	8.36
4	0.45	130.60	18.83	111.77	103.12	8.65
4	0.42	134.07	19.51	114.57	105.53	9.04
4	0.38	137.46	20.10	117.36	107.86	9.50
4	0.34	140.78	20.64	120.14	110.13	10.01
4	0.31	144.04	21.13	122.91	112.33	10.58
4	0.31	144.04	21.13	122.91	112.33	10.58
4	0.27	147.24	21.63	125.61	114.47	11.14
4	0.24	150.38	22.09	128.29	116.55	11.74
4	0.21	153.46	22.52	130.94	118.58	12.37
4	0.17	156.49	22.92	133.57	120.55	13.02

4	0.14	159.47	23.31	136.16	122.48	13.69
4	0.11	162.41	23.68	138.73	124.35	14.37
4	0.08	165.30	24.04	141.26	126.19	15.07
4	0.06	168.15	24.38	143.76	127.98	15.79
4	0.03	170.95	24.72	146.23	129.73	16.51
4	0.00	173.72	25.75	147.97	131.43	16.53

Time = 730. Degree of Consolidation = 81.%

Total Settlement = 1.894

Settlement at End of Primary Consolidation = 2.325

Settlement caused by Primary Consolidation at time 730. = 1.894

Settlement caused by Secondary Compression at time 730. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.31

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****			***** Void Ratios *****			
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.69	10.72	24.00	21.04	19.14
1	29.79	29.52	10.72	23.95	20.99	19.09
1	29.59	29.34	10.71	23.90	20.94	19.04
1	29.39	29.16	10.70	23.85	20.89	18.99
1	29.19	28.98	10.69	23.81	20.84	18.94
1	28.99	28.81	10.68	23.76	20.80	18.89
1	28.79	28.63	10.67	23.71	20.75	18.85

1	28.59	28.46	10.67	23.66	20.70	18.80
1	28.39	28.28	10.66	23.61	20.65	18.75
1	28.19	28.11	10.65	23.56	20.60	18.70
1	27.99	27.93	10.64	23.51	20.55	18.65
2	27.99	27.93	10.64	1.78	1.78	1.78
2	26.78	26.72	10.21	1.78	1.77	1.77
2	25.57	25.51	9.77	1.77	1.77	1.77
2	24.36	24.30	9.33	1.77	1.76	1.76
2	23.15	23.10	8.90	1.76	1.75	1.75
2	21.95	21.90	8.46	1.75	1.75	1.75
2	20.75	20.70	8.02	1.74	1.74	1.73
2	19.55	19.51	7.58	1.73	1.73	1.72
2	18.36	18.32	7.15	1.72	1.72	1.71
2	17.17	17.13	6.71	1.71	1.71	1.70
2	15.99	15.95	6.27	1.70	1.70	1.68
3	15.99	15.95	6.27	1.62	1.62	1.61
3	14.36	14.31	5.65	1.60	1.60	1.59
3	12.73	12.69	5.02	1.59	1.58	1.58
3	11.11	11.08	4.39	1.57	1.57	1.57
3	9.50	9.47	3.76	1.56	1.55	1.55
3	7.90	7.87	3.14	1.55	1.54	1.54
3	6.30	6.28	2.51	1.54	1.53	1.53
3	4.72	4.70	1.88	1.52	1.52	1.52
3	3.14	3.13	1.25	1.51	1.50	1.50
3	1.56	1.56	0.63	1.50	1.49	1.49
3	0.00	0.00	0.00	1.49	1.48	1.48

		***** Stresses *****		***** Pore Pressures *****		
	XI	Total	Effective	Total	Static	Excess
Material	29.69	173.72	25.75	147.97	131.43	16.53
1	29.52	185.24	26.17	159.07	142.53	16.53
1	29.34	196.73	26.60	170.14	153.60	16.54
1	29.16	208.20	27.02	181.19	164.65	16.54
1	28.98	219.65	27.44	192.21	175.67	16.54
1	28.81	231.07	27.86	203.21	186.67	16.54
1	28.63	242.47	28.29	214.18	197.65	16.54
1	28.46	253.84	28.71	225.13	208.60	16.54
1	28.28	265.19	29.13	236.06	219.52	16.54
1	28.11	276.52	29.56	246.96	230.42	16.54
1	27.93	287.81	29.98	257.83	241.30	16.54
1	27.93	287.81	29.98	257.83	241.30	16.54
2	26.72	407.61	76.18	331.43	316.93	14.50
2	25.51	527.27	123.78	403.49	392.43	11.06
2	24.30	646.75	172.07	474.68	467.76	6.92
2	23.10	766.07	223.15	542.91	542.91	0.00
2	21.90	885.18	265.30	619.88	617.87	2.01
2	20.70	1004.07	294.45	709.62	692.60	17.02
2	19.51	1122.73	325.97	796.76	767.10	29.66
2	18.32	1241.14	360.95	880.19	841.35	38.84
2	17.13	1359.26	401.66	957.60	915.31	42.28
2	15.95	1477.05	445.82	1031.23	988.95	42.28
2	15.95	1477.05	445.82	1031.23	988.95	42.28
3	14.31	1641.11	507.68	1133.43	1091.15	42.28
3	12.69	1804.32	600.65	1203.67	1192.50	11.17
3						

3	11.08	1966.88	673.16	1293.73	1293.21	0.52
3	9.47	2128.93	735.53	1393.40	1393.40	0.00
3	7.87	2290.49	797.39	1493.10	1493.10	0.00
3	6.28	2451.57	859.25	1592.32	1592.32	0.00
3	4.70	2612.16	921.11	1691.06	1691.06	0.00
3	3.13	2772.27	982.96	1789.31	1789.31	0.00
3	1.56	2931.89	1042.43	1889.47	1887.07	2.40
3	0.00	3091.01	1101.56	1989.44	1984.33	5.12

Time = 1095. Degree of Consolidation = 62.%

Total Settlement = 0.299

Settlement at End of Primary Consolidation = 0.486

Settlement caused by Primary Consolidation at time 1095. = 0.299

Settlement caused by Secondary Compression at time 1095. = 0.000

*****Current Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
4	4.00	2.11	0.40	9.10	9.10	9.10
4	3.90	2.01	0.39	9.10	8.48	8.19
4	3.80	1.92	0.38	9.10	7.93	7.28
4	3.70	1.83	0.37	9.10	7.45	6.37
4	3.60	1.75	0.36	9.10	7.03	5.46
4	3.50	1.67	0.35	9.10	6.66	4.80
4	3.40	1.60	0.34	9.10	6.36	4.78

4	3.30	1.53	0.33	9.10	6.09	4.77
4	3.20	1.46	0.32	9.10	5.87	4.76
4	3.10	1.39	0.31	9.10	5.69	4.75
4	3.00	1.33	0.30	9.10	5.53	4.63
4	3.00	1.33	0.30	9.10	5.53	4.63
4	2.90	1.26	0.29	9.10	5.37	4.41
4	2.80	1.20	0.28	9.10	5.24	4.20
4	2.70	1.14	0.27	9.10	5.14	3.99
4	2.60	1.08	0.26	9.10	5.05	3.78
4	2.50	1.02	0.25	9.10	4.98	3.57
4	2.40	0.96	0.24	9.10	4.92	3.36
4	2.30	0.90	0.23	9.10	4.87	3.15
4	2.20	0.84	0.22	9.10	4.82	2.93
4	2.10	0.79	0.21	9.10	4.79	2.72
4	2.00	0.73	0.20	9.10	4.75	2.51
4	2.00	0.73	0.20	9.10	4.75	2.51
4	1.90	0.67	0.19	9.10	4.19	2.30
4	1.80	0.63	0.18	9.10	3.81	2.09
4	1.70	0.58	0.17	9.10	3.53	1.88
4	1.60	0.54	0.16	9.10	3.31	1.74
4	1.50	0.49	0.15	9.10	3.13	1.73
4	1.40	0.45	0.14	9.10	2.97	1.73
4	1.30	0.42	0.13	9.10	2.84	1.72
4	1.20	0.38	0.12	9.10	2.72	1.72
4	1.10	0.34	0.11	9.10	2.61	1.71
4	1.00	0.31	0.10	9.10	2.51	1.71
4	1.00	0.31	0.10	9.10	2.51	1.71

4	0.90	0.27	0.09	9.10	2.41	1.70
4	0.80	0.24	0.08	9.10	2.32	1.70
4	0.70	0.21	0.07	9.10	2.24	1.69
4	0.60	0.17	0.06	9.10	2.16	1.69
4	0.50	0.14	0.05	9.10	2.08	1.68
4	0.40	0.11	0.04	9.10	2.00	1.68
4	0.30	0.08	0.03	9.10	1.93	1.67
4	0.20	0.06	0.02	9.10	1.86	1.67
4	0.10	0.03	0.01	9.10	1.80	1.66
4	0.00	0.00	0.00	9.10	1.74	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.11	0.00	0.00	0.00	0.00	0.00
4	2.01	7.10	0.72	6.38	6.05	0.34
4	1.92	13.84	1.36	12.48	11.73	0.75
4	1.83	20.26	1.92	18.34	17.09	1.25
4	1.75	26.41	2.41	24.00	22.18	1.82
4	1.67	32.31	2.83	29.48	27.02	2.45
4	1.60	38.00	3.19	34.81	31.66	3.15
4	1.53	43.52	3.50	40.02	36.12	3.90
4	1.46	48.89	3.75	45.14	40.43	4.70
4	1.39	54.13	3.97	50.16	44.62	5.54
4	1.33	59.27	4.15	55.12	48.70	6.42
4	1.33	59.27	4.15	55.12	48.70	6.42
4	1.26	64.31	4.33	59.98	52.68	7.30
4	1.20	69.27	4.48	64.78	56.58	8.20

4	1.14	74.15	4.61	69.54	60.40	9.13
4	1.08	78.97	4.71	74.26	64.17	10.09
4	1.02	83.74	4.80	78.94	67.88	11.06
4	0.96	88.47	4.87	83.60	71.55	12.05
4	0.90	93.16	4.92	88.24	75.19	13.05
4	0.84	97.83	4.97	92.86	78.80	14.06
4	0.79	102.48	5.91	96.57	82.39	14.18
4	0.73	107.10	9.32	97.78	85.96	11.82
4	0.73	107.10	9.32	97.78	85.96	11.82
4	0.67	111.52	12.73	98.79	89.32	9.47
4	0.63	115.66	14.67	100.99	92.41	8.59
4	0.58	119.60	16.07	103.53	95.29	8.25
4	0.54	123.38	17.16	106.22	98.01	8.21
4	0.49	127.04	18.06	108.98	100.62	8.36
4	0.45	130.60	18.83	111.77	103.12	8.65
4	0.42	134.07	19.51	114.57	105.53	9.04
4	0.38	137.46	20.10	117.36	107.86	9.50
4	0.34	140.78	20.64	120.14	110.13	10.01
4	0.31	144.04	21.13	122.91	112.33	10.58
4	0.31	144.04	21.13	122.91	112.33	10.58
4	0.27	147.24	21.63	125.61	114.47	11.14
4	0.24	150.38	22.09	128.29	116.55	11.74
4	0.21	153.46	22.52	130.94	118.58	12.37
4	0.17	156.49	22.92	133.57	120.55	13.02
4	0.14	159.47	23.31	136.16	122.48	13.69
4	0.11	162.41	23.68	138.73	124.35	14.37
4	0.08	165.30	24.04	141.26	126.19	15.07

4	0.06	168.15	24.38	143.76	127.98	15.79
4	0.03	170.95	24.72	146.23	129.73	16.51
4	0.00	173.72	25.75	147.97	131.43	16.53

Time = 1095. Degree of Consolidation = 81.%

Total Settlement = 1.894

Settlement at End of Primary Consolidation = 2.325

Settlement caused by Primary Consolidation at time 1095. = 1.894

Settlement caused by Secondary Compression at time 1095. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.31

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.69	10.72	24.00	21.04	19.14
1	29.79	29.52	10.72	23.95	20.99	19.09
1	29.59	29.34	10.71	23.90	20.94	19.04
1	29.39	29.16	10.70	23.85	20.89	18.99
1	29.19	28.98	10.69	23.81	20.84	18.94
1	28.99	28.81	10.68	23.76	20.80	18.89
1	28.79	28.63	10.67	23.71	20.75	18.85
1	28.59	28.46	10.67	23.66	20.70	18.80
1	28.39	28.28	10.66	23.61	20.65	18.75
1	28.19	28.11	10.65	23.56	20.60	18.70

1	27.99	27.93	10.64	23.51	20.55	18.65
2	27.99	27.93	10.64	1.78	1.78	1.78
2	26.78	26.72	10.21	1.78	1.77	1.77
2	25.57	25.51	9.77	1.77	1.77	1.77
2	24.36	24.30	9.33	1.77	1.76	1.76
2	23.15	23.10	8.90	1.76	1.75	1.75
2	21.95	21.90	8.46	1.75	1.75	1.75
2	20.75	20.70	8.02	1.74	1.74	1.73
2	19.55	19.51	7.58	1.73	1.73	1.72
2	18.36	18.32	7.15	1.72	1.72	1.71
2	17.17	17.13	6.71	1.71	1.71	1.70
2	15.99	15.95	6.27	1.70	1.70	1.68
3	15.99	15.95	6.27	1.62	1.62	1.61
3	14.36	14.31	5.65	1.60	1.60	1.59
3	12.73	12.69	5.02	1.59	1.58	1.58
3	11.11	11.08	4.39	1.57	1.57	1.57
3	9.50	9.47	3.76	1.56	1.55	1.55
3	7.90	7.87	3.14	1.55	1.54	1.54
3	6.30	6.28	2.51	1.54	1.53	1.53
3	4.72	4.70	1.88	1.52	1.52	1.52
3	3.14	3.13	1.25	1.51	1.50	1.50
3	1.56	1.56	0.63	1.50	1.49	1.49
3	0.00	0.00	0.00	1.49	1.48	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.69	173.72	25.75	147.97	131.43	16.53

1	29.52	185.24	26.17	159.07	142.53	16.53
1	29.34	196.73	26.60	170.14	153.60	16.54
1	29.16	208.20	27.02	181.19	164.65	16.54
1	28.98	219.65	27.44	192.21	175.67	16.54
1	28.81	231.07	27.86	203.21	186.67	16.54
1	28.63	242.47	28.29	214.18	197.65	16.54
1	28.46	253.84	28.71	225.13	208.60	16.54
1	28.28	265.19	29.13	236.06	219.52	16.54
1	28.11	276.52	29.56	246.96	230.42	16.54
1	27.93	287.81	29.98	257.83	241.30	16.54
2	27.93	287.81	29.98	257.83	241.30	16.54
2	26.72	407.61	76.18	331.43	316.93	14.50
2	25.51	527.27	123.78	403.49	392.43	11.06
2	24.30	646.75	172.07	474.68	467.76	6.92
2	23.10	766.07	223.15	542.91	542.91	0.00
2	21.90	885.18	265.30	619.88	617.87	2.01
2	20.70	1004.07	294.45	709.62	692.60	17.02
2	19.51	1122.73	325.97	796.76	767.10	29.66
2	18.32	1241.14	360.95	880.19	841.35	38.84
2	17.13	1359.26	401.66	957.60	915.31	42.28
2	15.95	1477.05	445.82	1031.23	988.95	42.28
2	15.95	1477.05	445.82	1031.23	988.95	42.28
3	14.31	1641.11	507.68	1133.43	1091.15	42.28
3	12.69	1804.32	600.65	1203.67	1192.50	11.17
3	11.08	1966.88	673.16	1293.72	1293.21	0.52
3	9.47	2128.93	735.53	1393.40	1393.40	0.00
3	7.87	2290.49	797.39	1493.10	1493.10	0.00

3	6.28	2451.57	859.25	1592.32	1592.32	0.00
3	4.70	2612.16	921.11	1691.06	1691.06	0.00
3	3.13	2772.27	982.96	1789.31	1789.31	0.00
3	1.56	2931.89	1042.43	1889.47	1887.07	2.40
3	0.00	3091.01	1101.56	1989.44	1984.33	5.12

Time = 1825. Degree of Consolidation = 62.%

Total Settlement = 0.299

Settlement at End of Primary Consolidation = 0.486

Settlement caused by Primary Consolidation at time 1825. = 0.299

Settlement caused by Secondary Compression at time 1825. = 0.000

*****Current Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
4	4.00	2.11	0.40	9.10	9.10	9.10
4	3.90	2.01	0.39	9.10	8.48	8.19
4	3.80	1.92	0.38	9.10	7.93	7.28
4	3.70	1.83	0.37	9.10	7.45	6.37
4	3.60	1.75	0.36	9.10	7.03	5.46
4	3.50	1.67	0.35	9.10	6.66	4.80
4	3.40	1.60	0.34	9.10	6.36	4.78
4	3.30	1.53	0.33	9.10	6.09	4.77
4	3.20	1.46	0.32	9.10	5.87	4.76
4	3.10	1.39	0.31	9.10	5.69	4.75

4	3.00	1.33	0.30	9.10	5.53	4.63
4	3.00	1.33	0.30	9.10	5.53	4.63
4	2.90	1.26	0.29	9.10	5.37	4.41
4	2.80	1.20	0.28	9.10	5.24	4.20
4	2.70	1.14	0.27	9.10	5.14	3.99
4	2.60	1.08	0.26	9.10	5.05	3.78
4	2.50	1.02	0.25	9.10	4.98	3.57
4	2.40	0.96	0.24	9.10	4.92	3.36
4	2.30	0.90	0.23	9.10	4.87	3.15
4	2.20	0.84	0.22	9.10	4.82	2.93
4	2.10	0.79	0.21	9.10	4.79	2.72
4	2.00	0.73	0.20	9.10	4.75	2.51
4	2.00	0.73	0.20	9.10	4.75	2.51
4	1.90	0.67	0.19	9.10	4.19	2.30
4	1.80	0.63	0.18	9.10	3.81	2.09
4	1.70	0.58	0.17	9.10	3.53	1.88
4	1.60	0.54	0.16	9.10	3.31	1.74
4	1.50	0.49	0.15	9.10	3.13	1.73
4	1.40	0.45	0.14	9.10	2.97	1.73
4	1.30	0.42	0.13	9.10	2.84	1.72
4	1.20	0.38	0.12	9.10	2.72	1.72
4	1.10	0.34	0.11	9.10	2.61	1.71
4	1.00	0.31	0.10	9.10	2.51	1.71
4	1.00	0.31	0.10	9.10	2.51	1.71
4	0.90	0.27	0.09	9.10	2.41	1.70
4	0.80	0.24	0.08	9.10	2.32	1.70
4	0.70	0.21	0.07	9.10	2.24	1.69

4	0.60	0.17	0.06	9.10	2.16	1.69
4	0.50	0.14	0.05	9.10	2.08	1.68
4	0.40	0.11	0.04	9.10	2.00	1.68
4	0.30	0.08	0.03	9.10	1.93	1.67
4	0.20	0.06	0.02	9.10	1.86	1.67
4	0.10	0.03	0.01	9.10	1.80	1.66
4	0.00	0.00	0.00	9.10	1.74	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.11	0.00	0.00	0.00	0.00	0.00
4	2.01	7.10	0.72	6.38	6.05	0.34
4	1.92	13.84	1.36	12.48	11.73	0.75
4	1.83	20.26	1.92	18.34	17.09	1.25
4	1.75	26.41	2.41	24.00	22.18	1.82
4	1.67	32.31	2.83	29.48	27.02	2.45
4	1.60	38.00	3.19	34.81	31.66	3.15
4	1.53	43.52	3.50	40.02	36.12	3.90
4	1.46	48.89	3.75	45.14	40.43	4.70
4	1.39	54.13	3.97	50.16	44.62	5.54
4	1.33	59.27	4.15	55.12	48.70	6.42
4	1.33	59.27	4.15	55.12	48.70	6.42
4	1.26	64.31	4.33	59.98	52.68	7.30
4	1.20	69.27	4.48	64.78	56.58	8.20
4	1.14	74.15	4.61	69.54	60.40	9.13
4	1.08	78.97	4.71	74.26	64.17	10.09
4	1.02	83.74	4.80	78.94	67.88	11.06

4	0.96	88.47	4.87	83.60	71.55	12.05
4	0.90	93.16	4.92	88.24	75.19	13.05
4	0.84	97.83	4.97	92.86	78.80	14.06
4	0.79	102.48	5.91	96.57	82.39	14.18
4	0.73	107.10	9.32	97.78	85.96	11.82
4	0.73	107.10	9.32	97.78	85.96	11.82
4	0.67	111.52	12.73	98.79	89.32	9.47
4	0.63	115.66	14.67	100.99	92.41	8.59
4	0.58	119.60	16.07	103.53	95.29	8.25
4	0.54	123.38	17.16	106.22	98.01	8.21
4	0.49	127.04	18.06	108.98	100.62	8.36
4	0.45	130.60	18.83	111.77	103.12	8.65
4	0.42	134.07	19.51	114.57	105.53	9.04
4	0.38	137.46	20.10	117.36	107.86	9.50
4	0.34	140.78	20.64	120.14	110.13	10.01
4	0.31	144.04	21.13	122.91	112.33	10.58
4	0.31	144.04	21.13	122.91	112.33	10.58
4	0.27	147.24	21.63	125.61	114.47	11.14
4	0.24	150.38	22.09	128.29	116.55	11.74
4	0.21	153.46	22.52	130.94	118.58	12.37
4	0.17	156.49	22.92	133.57	120.55	13.02
4	0.14	159.47	23.31	136.16	122.48	13.69
4	0.11	162.41	23.68	138.73	124.35	14.37
4	0.08	165.30	24.04	141.26	126.19	15.07
4	0.06	168.15	24.38	143.76	127.98	15.79
4	0.03	170.95	24.72	146.23	129.73	16.51
4	0.00	173.72	25.75	147.97	131.43	16.53

Time = 1825. Degree of Consolidation = 81.%

Total Settlement = 1.894

Settlement at End of Primary Consolidation = 2.325

Settlement caused by Primary Consolidation at time 1825. =
1.894

Settlement caused by Secondary Compression at time 1825. =
0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.31

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.69	10.72	24.00	21.04	19.14
1	29.79	29.52	10.72	23.95	20.99	19.09
1	29.59	29.34	10.71	23.90	20.94	19.04
1	29.39	29.16	10.70	23.85	20.89	18.99
1	29.19	28.98	10.69	23.81	20.84	18.94
1	28.99	28.81	10.68	23.76	20.80	18.89
1	28.79	28.63	10.67	23.71	20.75	18.85
1	28.59	28.46	10.67	23.66	20.70	18.80
1	28.39	28.28	10.66	23.61	20.65	18.75
1	28.19	28.11	10.65	23.56	20.60	18.70
1	27.99	27.93	10.64	23.51	20.55	18.65
2	27.99	27.93	10.64	1.78	1.78	1.78
2	26.78	26.72	10.21	1.78	1.77	1.77

2	25.57	25.51	9.77	1.77	1.77	1.77
2	24.36	24.30	9.33	1.77	1.76	1.76
2	23.15	23.10	8.90	1.76	1.75	1.75
2	21.95	21.90	8.46	1.75	1.75	1.75
2	20.75	20.70	8.02	1.74	1.74	1.73
2	19.55	19.51	7.58	1.73	1.73	1.72
2	18.36	18.32	7.15	1.72	1.72	1.71
2	17.17	17.13	6.71	1.71	1.71	1.70
2	15.99	15.95	6.27	1.70	1.70	1.68
2	15.99	15.95	6.27	1.62	1.62	1.61
3	14.36	14.31	5.65	1.60	1.60	1.59
3	12.73	12.69	5.02	1.59	1.58	1.58
3	11.11	11.08	4.39	1.57	1.57	1.57
3	9.50	9.47	3.76	1.56	1.55	1.55
3	7.90	7.87	3.14	1.55	1.54	1.54
3	6.30	6.28	2.51	1.54	1.53	1.53
3	4.72	4.70	1.88	1.52	1.52	1.52
3	3.14	3.13	1.25	1.51	1.50	1.50
3	1.56	1.56	0.63	1.50	1.49	1.49
3	0.00	0.00	0.00	1.49	1.48	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.69	173.72	25.75	147.97	131.43	16.53
1	29.52	185.24	26.17	159.07	142.53	16.53
1	29.34	196.73	26.60	170.14	153.60	16.54
1	29.16	208.20	27.02	181.19	164.65	16.54

1	28.98	219.65	27.44	192.21	175.67	16.54
1	28.81	231.07	27.86	203.21	186.67	16.54
1	28.63	242.47	28.29	214.18	197.65	16.54
1	28.46	253.84	28.71	225.13	208.60	16.54
1	28.28	265.19	29.13	236.06	219.52	16.54
1	28.11	276.52	29.56	246.96	230.42	16.54
1	27.93	287.81	29.98	257.83	241.30	16.54
1	27.93	287.81	29.98	257.83	241.30	16.54
2	26.72	407.61	76.18	331.43	316.93	14.50
2	25.51	527.27	123.78	403.49	392.43	11.06
2	24.30	646.75	172.07	474.68	467.76	6.92
2	23.10	766.07	223.15	542.91	542.91	0.00
2	21.90	885.18	265.30	619.88	617.87	2.01
2	20.70	1004.07	294.45	709.62	692.60	17.02
2	19.51	1122.73	325.97	796.76	767.10	29.66
2	18.32	1241.14	360.95	880.19	841.35	38.84
2	17.13	1359.26	401.66	957.60	915.31	42.28
2	15.95	1477.05	445.82	1031.23	988.95	42.28
2	15.95	1477.05	445.82	1031.23	988.95	42.28
3	14.31	1641.11	507.68	1133.43	1091.15	42.28
3	12.69	1804.32	600.65	1203.67	1192.50	11.17
3	11.08	1966.88	673.16	1293.72	1293.21	0.52
3	9.47	2128.93	735.53	1393.40	1393.40	0.00
3	7.87	2290.49	797.39	1493.10	1493.10	0.00
3	6.28	2451.57	859.25	1592.32	1592.32	0.00
3	4.70	2612.16	921.11	1691.06	1691.06	0.00
3	3.13	2772.27	982.96	1789.31	1789.31	0.00

3	1.56	2931.89	1042.43	1889.47	1887.07	2.40
3	0.00	3091.01	1101.56	1989.44	1984.33	5.12

Time = 3650. Degree of Consolidation = 62.%

Total Settlement = 0.299

Settlement at End of Primary Consolidation = 0.486

Settlement caused by Primary Consolidation at time 3650. =
0.299

Settlement caused by Secondary Compression at time 3650. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.00	2.11	0.40	9.10	9.10	9.10
4	3.90	2.01	0.39	9.10	8.48	8.19
4	3.80	1.92	0.38	9.10	7.93	7.28
4	3.70	1.83	0.37	9.10	7.45	6.37
4	3.60	1.75	0.36	9.10	7.03	5.46
4	3.50	1.67	0.35	9.10	6.66	4.80
4	3.40	1.60	0.34	9.10	6.36	4.78
4	3.30	1.53	0.33	9.10	6.09	4.77
4	3.20	1.46	0.32	9.10	5.87	4.76
4	3.10	1.39	0.31	9.10	5.69	4.75
4	3.00	1.33	0.30	9.10	5.53	4.63
4	3.00	1.33	0.30	9.10	5.53	4.63
4	2.90	1.26	0.29	9.10	5.37	4.41

4	2.80	1.20	0.28	9.10	5.24	4.20
4	2.70	1.14	0.27	9.10	5.14	3.99
4	2.60	1.08	0.26	9.10	5.05	3.78
4	2.50	1.02	0.25	9.10	4.98	3.57
4	2.40	0.96	0.24	9.10	4.92	3.36
4	2.30	0.90	0.23	9.10	4.87	3.15
4	2.20	0.84	0.22	9.10	4.82	2.93
4	2.10	0.79	0.21	9.10	4.79	2.72
4	2.00	0.73	0.20	9.10	4.75	2.51
4	2.00	0.73	0.20	9.10	4.75	2.51
4	1.90	0.67	0.19	9.10	4.19	2.30
4	1.80	0.63	0.18	9.10	3.81	2.09
4	1.70	0.58	0.17	9.10	3.53	1.88
4	1.60	0.54	0.16	9.10	3.31	1.74
4	1.50	0.49	0.15	9.10	3.13	1.73
4	1.40	0.45	0.14	9.10	2.97	1.73
4	1.30	0.42	0.13	9.10	2.84	1.72
4	1.20	0.38	0.12	9.10	2.72	1.72
4	1.10	0.34	0.11	9.10	2.61	1.71
4	1.00	0.31	0.10	9.10	2.51	1.71
4	1.00	0.31	0.10	9.10	2.51	1.71
4	0.90	0.27	0.09	9.10	2.41	1.70
4	0.80	0.24	0.08	9.10	2.32	1.70
4	0.70	0.21	0.07	9.10	2.24	1.69
4	0.60	0.17	0.06	9.10	2.16	1.69
4	0.50	0.14	0.05	9.10	2.08	1.68
4	0.40	0.11	0.04	9.10	2.00	1.68

4	0.30	0.08	0.03	9.10	1.93	1.67
4	0.20	0.06	0.02	9.10	1.86	1.67
4	0.10	0.03	0.01	9.10	1.80	1.66
4	0.00	0.00	0.00	9.10	1.74	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.11	0.00	0.00	0.00	0.00	0.00
4	2.01	7.10	0.72	6.38	6.05	0.34
4	1.92	13.84	1.36	12.48	11.73	0.75
4	1.83	20.26	1.92	18.34	17.09	1.25
4	1.75	26.41	2.41	24.00	22.18	1.82
4	1.67	32.31	2.83	29.48	27.02	2.45
4	1.60	38.00	3.19	34.81	31.66	3.15
4	1.53	43.52	3.50	40.02	36.12	3.90
4	1.46	48.89	3.75	45.14	40.43	4.70
4	1.39	54.13	3.97	50.16	44.62	5.54
4	1.33	59.27	4.15	55.12	48.70	6.42
4	1.33	59.27	4.15	55.12	48.70	6.42
4	1.26	64.31	4.33	59.98	52.68	7.30
4	1.20	69.27	4.48	64.78	56.58	8.20
4	1.14	74.15	4.61	69.54	60.40	9.13
4	1.08	78.97	4.71	74.26	64.17	10.09
4	1.02	83.74	4.80	78.94	67.88	11.06
4	0.96	88.47	4.87	83.60	71.55	12.05
4	0.90	93.16	4.92	88.24	75.19	13.05
4	0.84	97.83	4.97	92.86	78.80	14.06

4	0.79	102.48	5.91	96.57	82.39	14.18
4	0.73	107.10	9.32	97.78	85.96	11.82
4	0.73	107.10	9.32	97.78	85.96	11.82
4	0.67	111.52	12.73	98.79	89.32	9.47
4	0.63	115.66	14.67	100.99	92.41	8.59
4	0.58	119.60	16.07	103.53	95.29	8.25
4	0.54	123.38	17.16	106.22	98.01	8.21
4	0.49	127.04	18.06	108.98	100.62	8.36
4	0.45	130.60	18.83	111.77	103.12	8.65
4	0.42	134.07	19.51	114.57	105.53	9.04
4	0.38	137.46	20.10	117.36	107.86	9.50
4	0.34	140.78	20.64	120.14	110.13	10.01
4	0.31	144.04	21.13	122.91	112.33	10.58
4	0.31	144.04	21.13	122.91	112.33	10.58
4	0.27	147.24	21.63	125.61	114.47	11.14
4	0.24	150.38	22.09	128.29	116.55	11.74
4	0.21	153.46	22.52	130.94	118.58	12.37
4	0.17	156.49	22.92	133.57	120.55	13.02
4	0.14	159.47	23.31	136.16	122.48	13.69
4	0.11	162.41	23.68	138.73	124.35	14.37
4	0.08	165.30	24.04	141.26	126.19	15.07
4	0.06	168.15	24.38	143.76	127.98	15.79
4	0.03	170.95	24.72	146.23	129.73	16.51
4	0.00	173.72	25.75	147.97	131.43	16.53

Time = 3650. Degree of Consolidation = 81.%

Total Settlement = 1.894

Settlement at End of Primary Consolidation = 2.325

Settlement caused by Primary Consolidation at time 3650. =
1.894

Settlement caused by Secondary Compression at time 3650. =
0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.31

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.69	10.72	24.00	21.04	19.14
1	29.79	29.52	10.72	23.95	20.99	19.09
1	29.59	29.34	10.71	23.90	20.94	19.04
1	29.39	29.16	10.70	23.85	20.89	18.99
1	29.19	28.98	10.69	23.81	20.84	18.94
1	28.99	28.81	10.68	23.76	20.80	18.89
1	28.79	28.63	10.67	23.71	20.75	18.85
1	28.59	28.46	10.67	23.66	20.70	18.80
1	28.39	28.28	10.66	23.61	20.65	18.75
1	28.19	28.11	10.65	23.56	20.60	18.70
1	27.99	27.93	10.64	23.51	20.55	18.65
2	27.99	27.93	10.64	1.78	1.78	1.78
2	26.78	26.72	10.21	1.78	1.77	1.77
2	25.57	25.51	9.77	1.77	1.77	1.77
2	24.36	24.30	9.33	1.77	1.76	1.76
2	23.15	23.10	8.90	1.76	1.75	1.75

2	21.95	21.90	8.46	1.75	1.75	1.75
2	20.75	20.70	8.02	1.74	1.74	1.73
2	19.55	19.51	7.58	1.73	1.73	1.72
2	18.36	18.32	7.15	1.72	1.72	1.71
2	17.17	17.13	6.71	1.71	1.71	1.70
2	15.99	15.95	6.27	1.70	1.70	1.68
3	15.99	15.95	6.27	1.62	1.62	1.61
3	14.36	14.31	5.65	1.60	1.60	1.59
3	12.73	12.69	5.02	1.59	1.58	1.58
3	11.11	11.08	4.39	1.57	1.57	1.57
3	9.50	9.47	3.76	1.56	1.55	1.55
3	7.90	7.87	3.14	1.55	1.54	1.54
3	6.30	6.28	2.51	1.54	1.53	1.53
3	4.72	4.70	1.88	1.52	1.52	1.52
3	3.14	3.13	1.25	1.51	1.50	1.50
3	1.56	1.56	0.63	1.50	1.49	1.49
3	0.00	0.00	0.00	1.49	1.48	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.69	173.72	25.75	147.97	131.43	16.53
1	29.52	185.24	26.17	159.07	142.53	16.53
1	29.34	196.73	26.60	170.14	153.60	16.54
1	29.16	208.20	27.02	181.19	164.65	16.54
1	28.98	219.65	27.44	192.21	175.67	16.54
1	28.81	231.07	27.86	203.21	186.67	16.54
1	28.63	242.47	28.29	214.18	197.65	16.54

1	28.46	253.84	28.71	225.13	208.60	16.54
1	28.28	265.19	29.13	236.06	219.52	16.54
1	28.11	276.52	29.56	246.96	230.42	16.54
1	27.93	287.81	29.98	257.83	241.30	16.54
2	27.93	287.81	29.98	257.83	241.30	16.54
2	26.72	407.61	76.18	331.43	316.93	14.50
2	25.51	527.27	123.78	403.49	392.43	11.06
2	24.30	646.75	172.07	474.68	467.76	6.92
2	23.10	766.07	223.15	542.91	542.91	0.00
2	21.90	885.18	265.30	619.88	617.87	2.01
2	20.70	1004.07	294.45	709.62	692.60	17.02
2	19.51	1122.73	325.97	796.76	767.10	29.66
2	18.32	1241.14	360.95	880.19	841.35	38.84
2	17.13	1359.26	401.66	957.60	915.31	42.28
2	15.95	1477.05	445.82	1031.23	988.95	42.28
2	15.95	1477.05	445.82	1031.23	988.95	42.28
3	14.31	1641.11	507.68	1133.43	1091.15	42.28
3	12.69	1804.32	600.65	1203.67	1192.50	11.17
3	11.08	1966.88	673.16	1293.72	1293.21	0.52
3	9.47	2128.93	735.53	1393.40	1393.40	0.00
3	7.87	2290.49	797.39	1493.10	1493.10	0.00
3	6.28	2451.57	859.25	1592.32	1592.32	0.00
3	4.70	2612.16	921.11	1691.06	1691.06	0.00
3	3.13	2772.27	982.96	1789.31	1789.31	0.00
3	1.56	2931.89	1042.43	1889.47	1887.07	2.40
3	0.00	3091.01	1101.56	1989.44	1984.33	5.12

Time = 7300. Degree of Consolidation = 62.%

Total Settlement = 0.299

Settlement at End of Primary Consolidation = 0.486

Settlement caused by Primary Consolidation at time 7300. =
0.299

Settlement caused by Secondary Compression at time 7300. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.00	2.11	0.40	9.10	9.10	9.10
4	3.90	2.01	0.39	9.10	8.48	8.19
4	3.80	1.92	0.38	9.10	7.93	7.28
4	3.70	1.83	0.37	9.10	7.45	6.37
4	3.60	1.75	0.36	9.10	7.03	5.46
4	3.50	1.67	0.35	9.10	6.66	4.80
4	3.40	1.60	0.34	9.10	6.36	4.78
4	3.30	1.53	0.33	9.10	6.09	4.77
4	3.20	1.46	0.32	9.10	5.87	4.76
4	3.10	1.39	0.31	9.10	5.69	4.75
4	3.00	1.33	0.30	9.10	5.53	4.63
4	3.00	1.33	0.30	9.10	5.53	4.63
4	2.90	1.26	0.29	9.10	5.37	4.41
4	2.80	1.20	0.28	9.10	5.24	4.20
4	2.70	1.14	0.27	9.10	5.14	3.99
4	2.60	1.08	0.26	9.10	5.05	3.78

4	2.50	1.02	0.25	9.10	4.98	3.57
4	2.40	0.96	0.24	9.10	4.92	3.36
4	2.30	0.90	0.23	9.10	4.87	3.15
4	2.20	0.84	0.22	9.10	4.82	2.93
4	2.10	0.79	0.21	9.10	4.79	2.72
4	2.00	0.73	0.20	9.10	4.75	2.51
4	2.00	0.73	0.20	9.10	4.75	2.51
4	1.90	0.67	0.19	9.10	4.19	2.30
4	1.80	0.63	0.18	9.10	3.81	2.09
4	1.70	0.58	0.17	9.10	3.53	1.88
4	1.60	0.54	0.16	9.10	3.31	1.74
4	1.50	0.49	0.15	9.10	3.13	1.73
4	1.40	0.45	0.14	9.10	2.97	1.73
4	1.30	0.42	0.13	9.10	2.84	1.72
4	1.20	0.38	0.12	9.10	2.72	1.72
4	1.10	0.34	0.11	9.10	2.61	1.71
4	1.00	0.31	0.10	9.10	2.51	1.71
4	1.00	0.31	0.10	9.10	2.51	1.71
4	0.90	0.27	0.09	9.10	2.41	1.70
4	0.80	0.24	0.08	9.10	2.32	1.70
4	0.70	0.21	0.07	9.10	2.24	1.69
4	0.60	0.17	0.06	9.10	2.16	1.69
4	0.50	0.14	0.05	9.10	2.08	1.68
4	0.40	0.11	0.04	9.10	2.00	1.68
4	0.30	0.08	0.03	9.10	1.93	1.67
4	0.20	0.06	0.02	9.10	1.86	1.67
4	0.10	0.03	0.01	9.10	1.80	1.66

4	0.00	0.00	0.00	9.10	1.74	1.66
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***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.11	0.00	0.00	0.00	0.00	0.00
4	2.01	7.10	0.72	6.38	6.05	0.34
4	1.92	13.84	1.36	12.48	11.73	0.75
4	1.83	20.26	1.92	18.34	17.09	1.25
4	1.75	26.41	2.41	24.00	22.18	1.82
4	1.67	32.31	2.83	29.48	27.02	2.45
4	1.60	38.00	3.19	34.81	31.66	3.15
4	1.53	43.52	3.50	40.02	36.12	3.90
4	1.46	48.89	3.75	45.14	40.43	4.70
4	1.39	54.13	3.97	50.16	44.62	5.54
4	1.33	59.27	4.15	55.12	48.70	6.42
4	1.33	59.27	4.15	55.12	48.70	6.42
4	1.26	64.31	4.33	59.98	52.68	7.30
4	1.20	69.27	4.48	64.78	56.58	8.20
4	1.14	74.15	4.61	69.54	60.40	9.13
4	1.08	78.97	4.71	74.26	64.17	10.09
4	1.02	83.74	4.80	78.94	67.88	11.06
4	0.96	88.47	4.87	83.60	71.55	12.05
4	0.90	93.16	4.92	88.24	75.19	13.05
4	0.84	97.83	4.97	92.86	78.80	14.06
4	0.79	102.48	5.91	96.57	82.39	14.18
4	0.73	107.10	9.32	97.78	85.96	11.82
4	0.73	107.10	9.32	97.78	85.96	11.82

4	0.67	111.52	12.73	98.79	89.32	9.47
4	0.63	115.66	14.67	100.99	92.41	8.59
4	0.58	119.60	16.07	103.53	95.29	8.25
4	0.54	123.38	17.16	106.22	98.01	8.21
4	0.49	127.04	18.06	108.98	100.62	8.36
4	0.45	130.60	18.83	111.77	103.12	8.65
4	0.42	134.07	19.51	114.57	105.53	9.04
4	0.38	137.46	20.10	117.36	107.86	9.50
4	0.34	140.78	20.64	120.14	110.13	10.01
4	0.31	144.04	21.13	122.91	112.33	10.58
4	0.31	144.04	21.13	122.91	112.33	10.58
4	0.27	147.24	21.63	125.61	114.47	11.14
4	0.24	150.38	22.09	128.29	116.55	11.74
4	0.21	153.46	22.52	130.94	118.58	12.37
4	0.17	156.49	22.92	133.57	120.55	13.02
4	0.14	159.47	23.31	136.16	122.48	13.69
4	0.11	162.41	23.68	138.73	124.35	14.37
4	0.08	165.30	24.04	141.26	126.19	15.07
4	0.06	168.15	24.38	143.76	127.98	15.79
4	0.03	170.95	24.72	146.23	129.73	16.51
4	0.00	173.72	25.75	147.97	131.43	16.53

Time = 7300. Degree of Consolidation = 81.%

Total Settlement = 1.894

Settlement at End of Primary Consolidation = 2.325

Settlement caused by Primary Consolidation at time 7300. =
1.894

Settlement caused by Secondary Compression at time 7300. =
0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.31

 Consolidation and desiccation of soft layers---dredged fill

Problem Breton MCA 2&3 4.5' FILL

*****Soil data for compressible foundation*****

Material Type	Layer Thickness	Numbers of Sub-layers	Ca/Cc	Cr/Cc	OCR
3	16.00	10	0.098	0.766	1.000
2	12.00	10	0.026	0.199	1.000
1	2.00	10	0.018	0.092	1.000

Material type : 3

Specific Gravity of Solids: 2.58

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	1.800	0.000E	0.174E-03	0.621E-04	-0.227E-04	-0.167E0.104E	
2	1.740	0.100E	0.174E-03	0.635E-04	0.256E-03	-0.278E0.176E	
3	1.710	0.250E	0.106E-03	0.391E-04	0.138E-03	-0.286E0.112E	
4	1.600	0.500E	0.115E-03	0.442E-04	-0.579E-03	-0.357E0.158E	
5	1.500	0.100E	0.402E-03	0.161E-03	-0.102E-03	-0.469E0.754E	
6	1.280	0.200E	0.175E-03	0.768E-04	0.382E-03	-0.455E0.349E	

Material type : 2

Specific Gravity of Solids: 2.62

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	1.780	0.000E	0.298E-03	0.107E-03	-0.387E-04	-0.100E0.107E	
2	1.770	0.100E	0.298E-03	0.108E-03	-0.334E-02	-0.833E0.897E	
3	1.750	0.250E	0.570E-03	0.207E-03	0.821E-03	-0.444E0.921E	
4	1.680	0.500E	0.904E-04	0.337E-04	0.721E-03	-0.375E0.126E	

5 1.550 0.100E 0.161E-03 0.631E-04-0.286E-04-0.375E0.237E
 6 1.280 0.200E 0.103E-03 0.452E-04 0.665E-04-0.370E0.167E

Material type : 1

Specific Gravity of Solids: 1.84

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	24.000	0.000E	0.100E	0.400E-01	0.344E-02	0.870E0.348E	
2	12.500	0.100E	0.655E-02	0.485E-03	0.288E-02	0.181E0.879E-02	
3	10.200	0.250E	0.299E-02	0.267E-03	0.950E-04	0.840E0.224E-01	
4	7.740	0.500E	0.288E-03	0.330E-04	0.699E-04	0.209E0.688E-02	
5	6.610	0.100E	0.123E-03	0.162E-04	0.934E-05	0.581E0.940E-02	
6	5.160	0.200E	0.545E-04	0.885E-05	0.505E-05	0.690E0.610E-02	

*****Soil data for dredged fill*****

Material Type	Specific Gravity	Ca/Cc	Cr/Cc	Saturation Limit	Disiccation Limit	Max. Crust Depth	Crust at DL
4	2.711	0.011	0.048	4.041	2.154	0.321	0.420

Material type : 4

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	9.100	0.000E	0.100E	0.990E-02	0.113E-02	0.116E0.115E-01	
2	4.800	0.500E	0.292E-01	0.503E-02	0.215E-02	0.229E0.115E-01	
3	4.740	0.100E	0.300E-02	0.523E-03	0.141E-02	0.654E0.342E-02	
4	1.740	0.250E	0.198E-02	0.723E-03	0.611E-04	0.128E0.926E-02	
5	1.620	0.500E	0.870E-03	0.332E-03	0.133E-02	0.208E0.692E-01	
6	1.380	0.100E	0.577E-03	0.242E-03	0.965E-05	0.333E0.808E-01	
7	1.170	0.200E	0.730E-03	0.336E-03	0.366E-04	0.750E0.252E	
8	0.980	0.400E	0.451E-03	0.228E-03	0.572E-03	0.105E0.240E	

Summary of lifts and print detail

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Time	Material	Fill	# Sub-	Void	Start	Dessic.	Print
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days	Type	Height	layers	ratio	Day	Month	detail
0.	4	1.2	10	9.10	30.	4	1
11.	4	1.1	10	9.10	180.	4	1
22.	4	1.1	10	9.10	180.	4	1
33.	4	1.1	10	9.10	180.	4	1
45.					180.	4	1
60.					180.	4	1
75.					180.	4	1
120.					180.	4	1
180.					180.	4	1
240.					180.	4	1
365.					180.	4	1
730.					180.	4	1
1095.					180.	4	1
1825.					180.	4	1
3650.					180.	4	1
7300.					180.	4	1

Summary of monthly rainfall and evaporation potential

Month	Rainfall	Evaporation
1	0.160	0.190
2	0.230	0.210
3	0.180	0.320
4	0.410	0.430
5	0.290	0.520
6	0.260	0.630
7	0.830	0.600
8	1.250	0.580
9	0.160	0.510
10	0.660	0.380
11	0.150	0.240
12	0.080	0.190

*****Calculation data*****

tau	Lower layer Void ratio	Lower layer Permeability	drainage path Length
.579E-02	1.280	0.17500E-03	z = 13.16

Summary of desiccation parameters

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Parameter                                     Value
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Surface Drainage Efficiency                    1.00
maximum evaporation efficiency                 0.75
time to desic. after initial fill             30.00
month of initial desiccation                  4
elevation of fixed water table                1.00
elevation of top of incompres. found.        -30.50
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*****Initial Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.99	10.72	24.00	24.00	22.54
1	29.79	29.79	10.72	23.95	23.95	22.49
1	29.59	29.59	10.71	23.90	23.90	22.44
1	29.39	29.39	10.70	23.85	23.85	22.40
1	29.19	29.19	10.69	23.81	23.81	22.35
1	28.99	28.99	10.68	23.76	23.76	22.30
1	28.79	28.79	10.67	23.71	23.71	22.25
1	28.59	28.59	10.67	23.66	23.66	22.20

1	28.39	28.39	10.66	23.61	23.61	22.15
1	28.19	28.19	10.65	23.56	23.56	22.10
1	27.99	27.99	10.64	23.51	23.51	22.05
2	27.99	27.99	10.64	1.78	1.78	1.78
2	26.78	26.78	10.21	1.78	1.78	1.77
2	25.57	25.57	9.77	1.77	1.77	1.77
2	24.36	24.36	9.33	1.77	1.77	1.76
2	23.15	23.15	8.90	1.76	1.76	1.76
2	21.95	21.95	8.46	1.75	1.75	1.75
2	20.75	20.75	8.02	1.74	1.74	1.74
2	19.55	19.55	7.58	1.73	1.73	1.73
2	18.36	18.36	7.15	1.72	1.72	1.72
2	17.17	17.17	6.71	1.71	1.71	1.70
2	15.99	15.99	6.27	1.70	1.70	1.69
3	15.99	15.99	6.27	1.62	1.62	1.62
3	14.36	14.36	5.65	1.60	1.60	1.60
3	12.73	12.73	5.02	1.59	1.59	1.58
3	11.11	11.11	4.39	1.57	1.57	1.57
3	9.50	9.50	3.76	1.56	1.56	1.56
3	7.90	7.90	3.14	1.55	1.55	1.55
3	6.30	6.30	2.51	1.54	1.54	1.53
3	4.72	4.72	1.88	1.52	1.52	1.52
3	3.14	3.14	1.25	1.51	1.51	1.51
3	1.56	1.56	0.63	1.50	1.50	1.50
3	0.00	0.00	0.00	1.49	1.49	1.48

***** Stresses *****

***** Pore Pressures *****

	XI	Total	Effective	Total	Static	Excess
Material	29.99	106.29	0.00	106.29	93.60	12.69
1	29.79	119.30	0.42	118.87	106.19	12.69
1	29.59	132.29	0.85	131.44	118.75	12.69
1	29.39	145.25	1.27	143.98	131.29	12.69
1	29.19	158.19	1.69	156.49	143.81	12.69
1	28.99	171.10	2.12	168.99	156.30	12.69
1	28.79	183.99	2.54	181.45	168.77	12.69
1	28.59	196.86	2.96	193.89	181.21	12.69
1	28.39	209.70	3.39	206.31	193.63	12.69
1	28.19	222.52	3.81	218.70	206.02	12.69
1	27.99	235.31	4.23	231.07	218.39	12.69
1	27.99	235.31	4.23	231.07	218.39	12.69
2	26.78	355.17	48.39	306.78	294.09	12.69
2	25.57	474.92	92.55	382.37	369.68	12.69
2	24.36	594.53	136.71	457.82	445.13	12.69
2	23.15	713.98	180.87	533.11	520.42	12.69
2	21.95	833.27	225.03	608.24	595.56	12.69
2	20.75	952.37	269.19	683.19	670.50	12.69
2	19.55	1071.18	313.34	757.83	745.15	12.69
2	18.36	1189.64	357.50	832.14	819.46	12.69
2	17.17	1307.77	401.66	906.11	893.43	12.69
2	15.99	1425.57	445.82	979.75	967.06	12.69
2	15.99	1425.57	445.82	979.75	967.06	12.69
3	14.36	1589.57	507.68	1081.89	1069.20	12.69
3	12.73	1752.91	569.54	1183.38	1170.69	12.69
3	11.11	1915.78	631.39	1284.38	1271.70	12.69
3						

3	9.50	2078.15	693.25	1384.90	1372.22	12.69
3	7.90	2240.05	755.11	1484.94	1472.25	12.69
3	6.30	2401.46	816.97	1584.49	1571.80	12.69
3	4.72	2562.38	878.82	1683.56	1670.87	12.69
3	3.14	2722.82	940.68	1782.14	1769.45	12.69
3	1.56	2882.78	1002.54	1880.24	1867.55	12.69
3	0.00	3042.23	1064.40	1977.83	1965.15	12.69

Time = 0. Degree of Consolidation = 0.%

Total Settlement = 0.000

Settlement at End of Primary Consolidation = 0.145

Settlement caused by Primary Consolidation at time 0. = 0.000

Settlement caused by Secondary Compression at time 0. = 0.000

*****Initial Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
4	1.20	1.20	0.12	9.10	9.10	9.10
4	1.08	1.08	0.11	9.10	9.10	8.01
4	0.96	0.96	0.10	9.10	9.10	6.92
4	0.84	0.84	0.08	9.10	9.10	5.83
4	0.72	0.72	0.07	9.10	9.10	4.80
4	0.60	0.60	0.06	9.10	9.10	4.78
4	0.48	0.48	0.05	9.10	9.10	4.77
4	0.36	0.36	0.04	9.10	9.10	4.75

4	0.24	0.24	0.02	9.10	9.10	4.71
4	0.12	0.12	0.01	9.10	9.10	4.46
4	0.00	0.00	0.00	9.10	9.10	4.20

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	1.20	18.72	0.00	18.72	18.72	0.00
4	1.08	27.48	0.00	27.48	26.21	1.27
4	0.96	36.23	0.00	36.23	33.70	2.54
4	0.84	44.99	0.00	44.99	41.18	3.81
4	0.72	53.75	0.00	53.75	48.67	5.07
4	0.60	62.50	0.00	62.50	56.16	6.34
4	0.48	71.26	0.00	71.26	63.65	7.61
4	0.36	80.02	0.00	80.02	71.14	8.88
4	0.24	88.77	0.00	88.77	78.62	10.15
4	0.12	97.53	0.00	97.53	86.11	11.42
4	0.00	106.29	0.00	106.29	93.60	12.69

Time = 0. Degree of Consolidation = 0.%

Total Settlement = 0.000

Settlement at End of Primary Consolidation = 0.420

Settlement caused by Primary Consolidation at time 0. = 0.000

Settlement caused by Secondary Compression at time 0. = 0.000

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****

***** Void Ratios *****

	A	XI	Z	Einitial	E	Eeop
Material	29.99	29.94	10.72	24.00	23.41	22.54
1	29.79	29.75	10.72	23.95	23.36	22.49
1	29.59	29.55	10.71	23.90	23.32	22.44
1	29.39	29.35	10.70	23.85	23.27	22.40
1	29.19	29.16	10.69	23.81	23.22	22.35
1	28.99	28.96	10.68	23.76	23.18	22.30
1	28.79	28.77	10.67	23.71	23.13	22.25
1	28.59	28.57	10.67	23.66	23.08	22.20
1	28.39	28.38	10.66	23.61	23.04	22.15
1	28.19	28.18	10.65	23.56	22.99	22.10
1	27.99	27.99	10.64	23.51	22.94	22.05
1	27.99	27.99	10.64	1.78	1.78	1.78
2	26.78	26.78	10.21	1.78	1.78	1.77
2	25.57	25.57	9.77	1.77	1.77	1.77
2	24.36	24.36	9.33	1.77	1.77	1.76
2	23.15	23.15	8.90	1.76	1.76	1.76
2	21.95	21.95	8.46	1.75	1.75	1.75
2	20.75	20.75	8.02	1.74	1.74	1.74
2	19.55	19.55	7.58	1.73	1.73	1.73
2	18.36	18.36	7.15	1.72	1.72	1.72
2	17.17	17.17	6.71	1.71	1.71	1.70
2	15.99	15.99	6.27	1.70	1.70	1.69
2	15.99	15.99	6.27	1.62	1.62	1.62
3	14.36	14.36	5.65	1.60	1.60	1.60
3	12.73	12.73	5.02	1.59	1.59	1.58
3						

3	11.11	11.11	4.39	1.57	1.57	1.57
3	9.50	9.50	3.76	1.56	1.56	1.56
3	7.90	7.90	3.14	1.55	1.55	1.55
3	6.30	6.30	2.51	1.54	1.54	1.53
3	4.72	4.72	1.88	1.52	1.52	1.52
3	3.14	3.14	1.25	1.51	1.51	1.51
3	1.56	1.56	0.63	1.50	1.50	1.50
3	0.00	0.00	0.00	1.49	1.49	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.94	109.41	5.16	104.25	96.72	7.53
1	29.75	122.12	5.55	116.57	109.01	7.56
1	29.55	134.81	5.94	128.87	121.28	7.59
1	29.35	147.48	6.34	141.14	133.53	7.62
1	29.16	160.13	6.74	153.39	145.75	7.64
1	28.96	172.75	7.14	165.60	157.95	7.66
1	28.77	185.35	7.55	177.80	170.12	7.67
1	28.57	197.92	7.96	189.96	182.27	7.69
1	28.38	210.47	8.38	202.10	194.40	7.70
1	28.18	223.00	8.79	214.21	206.51	7.70
1	27.99	235.50	9.22	226.29	218.59	7.70
1	27.99	235.50	9.22	226.29	218.59	7.70
2	26.78	355.36	48.39	306.97	294.29	12.69
2	25.57	475.11	93.48	381.63	369.87	11.75
2	24.36	594.72	136.71	458.01	445.32	12.68
2	23.15	714.17	183.42	530.75	520.61	10.14

2	21.95	833.43	237.14	596.29	595.72	0.58
2	20.75	952.48	274.85	677.63	670.61	7.02
2	19.55	1071.27	313.35	757.93	745.24	12.68
2	18.36	1189.74	357.50	832.24	819.55	12.69
2	17.17	1307.87	401.66	906.21	893.53	12.69
2	15.99	1425.67	445.82	979.84	967.16	12.69
2	15.99	1425.67	445.82	979.84	967.16	12.69
3	14.36	1589.67	507.68	1081.99	1069.30	12.69
3	12.73	1753.01	570.66	1182.35	1170.79	11.56
3	11.11	1915.86	632.66	1283.20	1271.78	11.42
3	9.50	2078.23	694.62	1383.61	1372.29	11.32
3	7.90	2240.11	756.58	1483.53	1472.32	11.21
3	6.30	2401.51	818.54	1582.97	1571.86	11.11
3	4.72	2562.42	880.50	1681.92	1670.91	11.01
3	3.14	2722.85	942.49	1780.35	1769.48	10.87
3	1.56	2882.79	1004.38	1878.40	1867.56	10.84
3	0.00	3042.23	1064.40	1977.83	1965.15	12.69

Time = 11. Degree of Consolidation = 34.%

Total Settlement = 0.050

Settlement at End of Primary Consolidation = 0.145

Settlement caused by Primary Consolidation at time 11. = 0.050

Settlement caused by Secondary Compression at time 11. = 0.000

*****Current Conditions in Dredged Fill*****

***** Coordinates *****			***** Void Ratios *****			
	A	XI	Z	Einitial	E	Eeop
Material	1.20	1.00	0.12	9.10	9.10	9.10
4	1.08	0.88	0.11	9.10	8.88	8.01
4	0.96	0.76	0.10	9.10	8.66	6.92
4	0.84	0.65	0.08	9.10	8.40	5.83
4	0.72	0.54	0.07	9.10	8.09	4.80
4	0.60	0.44	0.06	9.10	7.70	4.78
4	0.48	0.34	0.05	9.10	7.24	4.77
4	0.36	0.24	0.04	9.10	6.69	4.75
4	0.24	0.15	0.02	9.10	6.08	4.71
4	0.12	0.07	0.01	9.10	5.42	4.46
4	0.00	0.00	0.00	9.10	4.80	4.20

***** Stresses *****			***** Pore Pressures *****			
	XI	Total	Effective	Total	Static	Excess
Material	1.00	34.34	0.00	34.34	34.34	0.00
4	0.88	43.01	0.25	42.76	41.74	1.01
4	0.76	51.52	0.51	51.01	48.99	2.02
4	0.65	59.86	0.81	59.05	56.05	2.99
4	0.54	67.99	1.18	66.81	62.91	3.90
4	0.44	75.85	1.62	74.23	69.51	4.72
4	0.34	83.41	2.16	81.25	75.80	5.45
4	0.24	90.59	2.80	87.79	81.71	6.08
4	0.15	97.34	3.52	93.82	87.19	6.63
4	0.07	103.61	4.28	99.34	92.19	7.14
4	0.00	109.41	5.16	104.25	96.72	7.53

Time = 11. Degree of Consolidation = 48.%

Total Settlement = 0.200

Settlement at End of Primary Consolidation = 0.420

0.200 Settlement caused by Primary Consolidation at time 11. =

0.000 Settlement caused by Secondary Compression at time 11. =

Surface Elevation = 0.45

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.93	10.72	24.00	23.31	21.20
1	29.79	29.74	10.72	23.95	23.26	21.16
1	29.59	29.54	10.71	23.90	23.22	21.11
1	29.39	29.34	10.70	23.85	23.17	21.06
1	29.19	29.15	10.69	23.81	23.12	21.01
1	28.99	28.95	10.68	23.76	23.07	20.96
1	28.79	28.76	10.67	23.71	23.02	20.91
1	28.59	28.57	10.67	23.66	22.97	20.86
1	28.39	28.37	10.66	23.61	22.92	20.81
1	28.19	28.18	10.65	23.56	22.88	20.77
1	27.99	27.99	10.64	23.51	22.83	20.72
2	27.99	27.99	10.64	1.78	1.78	1.78
2	26.78	26.77	10.21	1.78	1.78	1.77
2	25.57	25.56	9.77	1.77	1.77	1.77

2	24.36	24.35	9.33	1.77	1.76	1.76
2	23.15	23.15	8.90	1.76	1.76	1.76
2	21.95	21.94	8.46	1.75	1.75	1.75
2	20.75	20.74	8.02	1.74	1.74	1.74
2	19.55	19.55	7.58	1.73	1.73	1.73
2	18.36	18.36	7.15	1.72	1.72	1.71
2	17.17	17.17	6.71	1.71	1.71	1.70
2	15.99	15.99	6.27	1.70	1.70	1.69
3	15.99	15.99	6.27	1.62	1.62	1.61
3	14.36	14.35	5.65	1.60	1.60	1.59
3	12.73	12.73	5.02	1.59	1.59	1.58
3	11.11	11.11	4.39	1.57	1.57	1.57
3	9.50	9.50	3.76	1.56	1.56	1.56
3	7.90	7.90	3.14	1.55	1.55	1.54
3	6.30	6.30	2.51	1.54	1.54	1.53
3	4.72	4.71	1.88	1.52	1.52	1.52
3	3.14	3.14	1.25	1.51	1.51	1.51
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.49	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.93	143.43	5.98	137.45	119.12	18.33
1	29.74	156.10	6.40	149.70	131.36	18.34
1	29.54	168.74	6.82	161.92	143.58	18.34
1	29.34	181.36	7.24	174.11	155.77	18.34
1	29.15	193.95	7.66	186.29	167.94	18.34

1	28.95	206.52	8.08	198.43	180.09	18.35
1	28.76	219.06	8.51	210.56	192.21	18.35
1	28.57	231.58	8.93	222.65	204.30	18.35
1	28.37	244.08	9.35	234.73	216.38	18.35
1	28.18	256.55	9.77	246.77	228.42	18.35
1	27.99	268.99	10.20	258.80	240.45	18.35
1	27.99	268.99	10.20	258.80	240.45	18.35
2	26.77	388.85	48.74	340.11	316.14	23.97
2	25.56	508.60	94.03	414.56	391.73	22.83
2	24.35	628.20	137.93	490.27	467.18	23.09
2	23.15	747.64	187.70	559.94	542.46	17.49
2	21.94	866.88	244.29	622.59	617.54	5.05
2	20.74	985.91	277.83	708.08	692.41	15.67
2	19.55	1104.69	314.20	790.48	767.03	23.45
2	18.36	1223.15	357.50	865.65	841.34	24.31
2	17.17	1341.28	401.66	939.62	915.31	24.31
2	15.99	1459.08	445.82	1013.25	988.94	24.31
2	15.99	1459.08	445.82	1013.25	988.94	24.31
3	14.35	1623.08	507.68	1115.40	1091.09	24.31
3	12.73	1786.42	571.72	1214.69	1192.57	22.13
3	11.11	1949.26	633.93	1315.33	1293.55	21.78
3	9.50	2111.62	696.00	1415.62	1394.05	21.57
3	7.90	2273.49	758.06	1515.43	1494.07	21.36
3	6.30	2434.87	820.12	1614.75	1593.59	21.16
3	4.71	2595.77	882.19	1713.58	1692.63	20.95
3	3.14	2756.18	944.22	1811.96	1791.19	20.77
3	1.56	2916.11	1005.70	1910.41	1889.26	21.15

3 0.00 3075.55 1064.54 2011.01 1986.84 24.17

Time = 22. Degree of Consolidation = 22.%

Total Settlement = 0.061

Settlement at End of Primary Consolidation = 0.278

0.061 Settlement caused by Primary Consolidation at time 22. =

0.000 Settlement caused by Secondary Compression at time 22. =

*****Current Conditions in Dredged Fill*****

***** Coordinates *****

***** Void Ratios *****

Material	A	XI	Z	Einitial	E	Eeop
4	2.30	1.91	0.23	9.10	9.10	9.10
4	2.19	1.80	0.22	9.10	9.04	8.10
4	2.08	1.69	0.21	9.10	8.97	7.10
4	1.97	1.58	0.20	9.10	8.90	6.10
4	1.86	1.47	0.18	9.10	8.82	5.10
4	1.75	1.37	0.17	9.10	8.71	4.79
4	1.64	1.26	0.16	9.10	8.59	4.78
4	1.53	1.16	0.15	9.10	8.43	4.76
4	1.42	1.06	0.14	9.10	8.25	4.75
4	1.31	0.96	0.13	9.10	8.04	4.65
4	1.20	0.86	0.12	9.10	7.80	4.41
4	1.20	0.86	0.12	9.10	7.80	4.41
4	1.08	0.76	0.11	9.10	7.53	4.16
4	0.96	0.66	0.10	9.10	7.23	3.91

4	0.84	0.56	0.08	9.10	6.91	3.65
4	0.72	0.47	0.07	9.10	6.57	3.40
4	0.60	0.38	0.06	9.10	6.22	3.15
4	0.48	0.30	0.05	9.10	5.88	2.89
4	0.36	0.22	0.04	9.10	5.56	2.64
4	0.24	0.14	0.02	9.10	5.27	2.38
4	0.12	0.07	0.01	9.10	5.01	2.13
4	0.00	0.00	0.00	9.10	4.79	1.88

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	1.91	0.00	0.00	0.00	0.00	0.00
4	1.80	8.01	0.07	7.93	6.84	1.09
4	1.69	15.97	0.15	15.82	13.64	2.18
4	1.58	23.89	0.23	23.66	20.40	3.26
4	1.47	31.75	0.33	31.42	27.10	4.32
4	1.37	39.55	0.45	39.10	33.74	5.37
4	1.26	47.27	0.60	46.68	40.30	6.38
4	1.16	54.90	0.77	54.13	46.76	7.37
4	1.06	62.42	0.99	61.43	53.11	8.32
4	0.96	69.80	1.23	68.56	59.33	9.23
4	0.86	77.02	1.51	75.51	65.39	10.11
4	0.86	77.02	1.51	75.51	65.39	10.11
4	0.76	84.72	1.82	82.89	71.82	11.07
4	0.66	92.20	2.17	90.03	78.04	12.00
4	0.56	99.46	2.55	96.91	84.02	12.89
4	0.47	106.46	2.95	103.51	89.76	13.76

4	0.38	113.21	3.35	109.86	95.24	14.62
4	0.30	119.70	3.75	115.96	100.46	15.49
4	0.22	125.95	4.12	121.83	105.44	16.39
4	0.14	131.97	4.46	127.51	110.19	17.32
4	0.07	137.79	4.75	133.04	114.74	18.29
4	0.00	143.43	5.98	137.45	119.12	18.33

Time = 22. Degree of Consolidation = 36.%

Total Settlement = 0.391

Settlement at End of Primary Consolidation = 1.079

Settlement caused by Primary Consolidation at time 22. = 0.391

Settlement caused by Secondary Compression at time 22. = 0.000

Surface Elevation = 1.35

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.93	10.72	24.00	23.30	19.87
1	29.79	29.73	10.72	23.95	23.25	19.82
1	29.59	29.54	10.71	23.90	23.20	19.77
1	29.39	29.34	10.70	23.85	23.15	19.72
1	29.19	29.15	10.69	23.81	23.10	19.67
1	28.99	28.95	10.68	23.76	23.05	19.62
1	28.79	28.76	10.67	23.71	23.00	19.57
1	28.59	28.56	10.67	23.66	22.96	19.53

1	28.39	28.37	10.66	23.61	22.91	19.48
1	28.19	28.18	10.65	23.56	22.86	19.43
1	27.99	27.98	10.64	23.51	22.81	19.38
2	27.99	27.98	10.64	1.78	1.78	1.78
2	26.78	26.77	10.21	1.78	1.78	1.77
2	25.57	25.56	9.77	1.77	1.77	1.77
2	24.36	24.35	9.33	1.77	1.76	1.76
2	23.15	23.14	8.90	1.76	1.76	1.75
2	21.95	21.94	8.46	1.75	1.75	1.75
2	20.75	20.74	8.02	1.74	1.74	1.73
2	19.55	19.55	7.58	1.73	1.73	1.72
2	18.36	18.36	7.15	1.72	1.72	1.71
2	17.17	17.17	6.71	1.71	1.71	1.70
2	15.99	15.99	6.27	1.70	1.70	1.69
3	15.99	15.99	6.27	1.62	1.62	1.61
3	14.36	14.35	5.65	1.60	1.60	1.59
3	12.73	12.73	5.02	1.59	1.59	1.58
3	11.11	11.11	4.39	1.57	1.57	1.57
3	9.50	9.50	3.76	1.56	1.56	1.55
3	7.90	7.90	3.14	1.55	1.55	1.54
3	6.30	6.30	2.51	1.54	1.54	1.53
3	4.72	4.71	1.88	1.52	1.52	1.52
3	3.14	3.14	1.25	1.51	1.51	1.50
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.49	1.48

***** Stresses *****

***** Pore Pressures *****

	XI	Total	Effective	Total	Static	Excess
Material	29.93	213.62	6.12	207.49	177.68	29.82
1	29.73	226.27	6.54	219.73	189.91	29.82
1	29.54	238.91	6.97	231.94	202.12	29.82
1	29.34	251.52	7.39	244.13	214.31	29.82
1	29.15	264.10	7.81	256.29	226.47	29.82
1	28.95	276.66	8.23	268.43	238.60	29.82
1	28.76	289.20	8.66	280.54	250.71	29.82
1	28.56	301.71	9.08	292.63	262.80	29.83
1	28.37	314.19	9.50	304.69	274.86	29.83
1	28.18	326.65	9.93	316.73	286.90	29.83
1	27.98	339.09	10.35	328.74	298.92	29.83
1	27.98	339.09	10.35	328.74	298.92	29.83
2	26.77	458.95	49.29	409.66	374.61	35.04
2	25.56	578.69	95.28	483.41	450.20	33.21
2	24.35	698.29	140.15	558.14	525.64	32.50
2	23.14	817.72	191.73	625.99	600.91	25.08
2	21.94	936.95	249.43	687.52	675.98	11.54
2	20.74	1055.96	279.98	775.98	750.83	25.15
2	19.55	1174.72	315.44	859.28	825.43	33.85
2	18.36	1293.18	357.50	935.67	899.73	35.94
2	17.17	1411.31	401.66	1009.65	973.71	35.94
2	15.99	1529.10	445.82	1083.28	1047.34	35.94
2	15.99	1529.10	445.82	1083.28	1047.34	35.94
3	14.35	1693.11	507.68	1185.43	1149.49	35.94
3	12.73	1856.44	572.73	1283.71	1250.96	32.75
3	11.11	2019.27	635.19	1384.09	1351.94	32.15
3						

3	9.50	2181.62	697.38	1484.24	1452.43	31.81
3	7.90	2343.48	759.55	1583.93	1552.43	31.50
3	6.30	2504.85	821.71	1683.14	1651.95	31.20
3	4.71	2665.74	883.85	1781.89	1750.97	30.92
3	3.14	2826.14	945.81	1880.32	1849.52	30.81
3	1.56	2986.06	1006.84	1979.21	1947.58	31.64
3	0.00	3145.48	1065.28	2080.21	2045.14	35.06

Time = 33. Degree of Consolidation = 16.%

Total Settlement = 0.065

Settlement at End of Primary Consolidation = 0.412

Settlement caused by Primary Consolidation at time 33. = 0.065

Settlement caused by Secondary Compression at time 33. = 0.000

*****Current Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
4	3.40	2.85	0.34	9.10	9.10	9.10
4	3.29	2.74	0.33	9.10	9.08	8.10
4	3.18	2.63	0.31	9.10	9.06	7.10
4	3.07	2.52	0.30	9.10	9.04	6.10
4	2.96	2.41	0.29	9.10	9.01	5.10
4	2.85	2.30	0.28	9.10	8.98	4.79
4	2.74	2.19	0.27	9.10	8.93	4.78
4	2.63	2.08	0.26	9.10	8.88	4.76

4	2.52	1.98	0.25	9.10	8.82	4.75
4	2.41	1.87	0.24	9.10	8.74	4.65
4	2.30	1.76	0.23	9.10	8.64	4.41
4	2.30	1.76	0.23	9.10	8.64	4.41
4	2.19	1.66	0.22	9.10	8.55	4.18
4	2.08	1.56	0.21	9.10	8.44	3.95
4	1.97	1.45	0.20	9.10	8.30	3.72
4	1.86	1.35	0.18	9.10	8.15	3.48
4	1.75	1.26	0.17	9.10	7.98	3.25
4	1.64	1.16	0.16	9.10	7.78	3.02
4	1.53	1.06	0.15	9.10	7.58	2.79
4	1.42	0.97	0.14	9.10	7.35	2.55
4	1.31	0.88	0.13	9.10	7.12	2.32
4	1.20	0.80	0.12	9.10	6.88	2.09
4	1.20	0.80	0.12	9.10	6.88	2.09
4	1.08	0.70	0.11	9.10	6.61	1.84
4	0.96	0.61	0.10	9.10	6.35	1.74
4	0.84	0.53	0.08	9.10	6.09	1.73
4	0.72	0.45	0.07	9.10	5.85	1.72
4	0.60	0.37	0.06	9.10	5.61	1.72
4	0.48	0.29	0.05	9.10	5.40	1.71
4	0.36	0.21	0.04	9.10	5.21	1.71
4	0.24	0.14	0.02	9.10	5.05	1.70
4	0.12	0.07	0.01	9.10	4.91	1.69
4	0.00	0.00	0.00	9.10	4.79	1.69

***** Stresses *****

***** Pore Pressures *****

	XI	Total	Effective	Total	Static	Excess
Material	2.85	0.00	0.00	0.00	0.00	0.00
4	2.74	8.02	0.02	8.00	6.86	1.14
4	2.63	16.03	0.05	15.98	13.70	2.28
4	2.52	24.02	0.07	23.95	20.53	3.42
4	2.41	31.99	0.10	31.89	27.34	4.55
4	2.30	39.95	0.14	39.81	34.14	5.67
4	2.19	47.88	0.19	47.69	40.90	6.78
4	2.08	55.78	0.25	55.52	47.64	7.89
4	1.98	63.63	0.33	63.30	54.33	8.97
4	1.87	71.44	0.42	71.02	60.98	10.04
4	1.76	79.19	0.53	78.66	67.56	11.10
4	1.76	79.19	0.53	78.66	67.56	11.10
4	1.66	86.88	0.64	86.24	74.09	12.15
4	1.56	94.49	0.77	93.72	80.54	13.18
4	1.45	102.03	0.93	101.10	86.91	14.19
4	1.35	109.46	1.10	108.36	93.18	15.17
4	1.26	116.78	1.31	115.48	99.34	16.14
4	1.16	123.98	1.53	122.45	105.38	17.08
4	1.06	131.05	1.77	129.27	111.28	18.00
4	0.97	137.96	2.03	135.93	117.03	18.90
4	0.88	144.72	2.30	142.42	122.63	19.79
4	0.80	151.32	2.58	148.74	128.06	20.67
4	0.80	151.32	2.58	148.74	128.06	20.67
4	0.70	158.33	2.89	155.44	133.81	21.63
4	0.61	165.15	3.20	161.95	139.35	22.60
4	0.53	171.77	3.50	168.27	144.71	23.57

4	0.45	178.21	3.78	174.42	149.87	24.55
4	0.37	184.46	4.05	180.41	154.86	25.55
4	0.29	190.56	4.30	186.26	159.69	26.57
4	0.21	196.50	4.52	191.98	164.36	27.62
4	0.14	202.31	4.71	197.60	168.91	28.69
4	0.07	208.01	4.87	203.14	173.34	29.80
4	0.00	213.62	6.12	207.49	177.68	29.82

Time = 33. Degree of Consolidation = 29.%

Total Settlement = 0.553

Settlement at End of Primary Consolidation = 1.883

Settlement caused by Primary Consolidation at time 33. = 0.553

Settlement caused by Secondary Compression at time 33. = 0.000

Surface Elevation = 2.28

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.92	10.72	24.00	23.29	18.53
1	29.79	29.73	10.72	23.95	23.24	18.48
1	29.59	29.53	10.71	23.90	23.19	18.43
1	29.39	29.34	10.70	23.85	23.14	18.38
1	29.19	29.14	10.69	23.81	23.09	18.33
1	28.99	28.95	10.68	23.76	23.05	18.29
1	28.79	28.75	10.67	23.71	23.00	18.24

1	28.59	28.56	10.67	23.66	22.95	18.19
1	28.39	28.37	10.66	23.61	22.90	18.14
1	28.19	28.17	10.65	23.56	22.85	18.09
1	27.99	27.98	10.64	23.51	22.80	18.04
2	27.99	27.98	10.64	1.78	1.78	1.77
2	26.78	26.77	10.21	1.78	1.77	1.77
2	25.57	25.56	9.77	1.77	1.77	1.76
2	24.36	24.35	9.33	1.77	1.76	1.76
2	23.15	23.14	8.90	1.76	1.76	1.75
2	21.95	21.94	8.46	1.75	1.75	1.74
2	20.75	20.74	8.02	1.74	1.74	1.73
2	19.55	19.55	7.58	1.73	1.73	1.72
2	18.36	18.35	7.15	1.72	1.72	1.71
2	17.17	17.17	6.71	1.71	1.71	1.69
2	15.99	15.99	6.27	1.70	1.70	1.68
3	15.99	15.99	6.27	1.62	1.62	1.60
3	14.36	14.35	5.65	1.60	1.60	1.59
3	12.73	12.73	5.02	1.59	1.59	1.58
3	11.11	11.11	4.39	1.57	1.57	1.56
3	9.50	9.50	3.76	1.56	1.56	1.55
3	7.90	7.90	3.14	1.55	1.55	1.54
3	6.30	6.30	2.51	1.54	1.54	1.53
3	4.72	4.71	1.88	1.52	1.52	1.51
3	3.14	3.13	1.25	1.51	1.51	1.50
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.49	1.48

		***** Stresses *****		***** Pore Pressures *****		
	XI	Total	Effective	Total	Static	Excess
Material	29.92	283.70	6.19	277.51	236.13	41.38
1	29.73	296.36	6.61	289.74	248.36	41.38
1	29.53	308.99	7.03	301.95	260.57	41.38
1	29.34	321.59	7.46	314.13	272.75	41.38
1	29.14	334.17	7.88	326.29	284.91	41.38
1	28.95	346.73	8.30	338.42	297.04	41.38
1	28.75	359.26	8.73	350.53	309.15	41.38
1	28.56	371.77	9.15	362.62	321.23	41.38
1	28.37	384.25	9.57	374.68	333.29	41.38
1	28.17	396.71	10.00	386.71	345.33	41.38
1	27.98	409.14	10.42	398.72	357.34	41.39
1	27.98	409.14	10.42	398.72	357.34	41.39
2	26.77	528.99	50.03	478.96	433.03	45.93
2	25.56	648.73	97.08	551.65	508.61	43.04
2	24.35	768.33	142.83	625.50	584.05	41.45
2	23.14	887.74	195.62	692.12	659.30	32.81
2	21.94	1006.95	251.82	755.13	734.36	20.78
2	20.74	1125.95	281.87	844.08	809.19	34.89
2	19.55	1244.69	316.64	928.05	883.78	44.27
2	18.35	1363.15	357.50	1005.65	958.08	47.57
2	17.17	1481.28	401.66	1079.62	1032.05	47.57
2	15.99	1599.08	445.82	1153.26	1105.69	47.57
2	15.99	1599.08	445.82	1153.26	1105.69	47.57
3	14.35	1763.09	507.68	1255.41	1207.84	47.57
3	12.73	1926.41	573.78	1352.63	1309.31	43.33
3						

3	11.11	2089.24	636.55	1452.68	1410.27	42.41
3	9.50	2251.57	698.89	1552.68	1510.75	41.93
3	7.90	2413.42	761.17	1652.24	1610.74	41.50
3	6.30	2574.78	823.44	1751.34	1710.24	41.10
3	4.71	2735.65	885.61	1850.04	1809.26	40.78
3	3.13	2896.04	947.44	1948.59	1907.79	40.81
3	1.56	3055.94	1008.07	2047.87	2005.83	42.03
3	0.00	3215.36	1066.41	2148.95	2103.39	45.55

Time = 45. Degree of Consolidation = 13.%

Total Settlement = 0.069

Settlement at End of Primary Consolidation = 0.547

Settlement caused by Primary Consolidation at time 45. = 0.069

Settlement caused by Secondary Compression at time 45. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.50	3.78	0.45	9.10	9.10	9.10
4	4.39	3.67	0.43	9.10	9.09	8.10
4	4.28	3.56	0.42	9.10	9.08	7.10
4	4.17	3.45	0.41	9.10	9.08	6.10
4	4.06	3.34	0.40	9.10	9.06	5.10
4	3.95	3.24	0.39	9.10	9.05	4.79
4	3.84	3.13	0.38	9.10	9.03	4.78

4	3.73	3.02	0.37	9.10	9.01	4.76
4	3.62	2.91	0.36	9.10	8.99	4.75
4	3.51	2.80	0.35	9.10	8.96	4.65
4	3.40	2.69	0.34	9.10	8.92	4.41
4	3.40	2.69	0.34	9.10	8.92	4.41
4	3.29	2.58	0.33	9.10	8.88	4.18
4	3.18	2.48	0.31	9.10	8.84	3.95
4	3.07	2.37	0.30	9.10	8.78	3.72
4	2.96	2.26	0.29	9.10	8.71	3.48
4	2.85	2.16	0.28	9.10	8.63	3.25
4	2.74	2.05	0.27	9.10	8.54	3.02
4	2.63	1.95	0.26	9.10	8.44	2.79
4	2.52	1.85	0.25	9.10	8.32	2.55
4	2.41	1.75	0.24	9.10	8.19	2.32
4	2.30	1.65	0.23	9.10	8.05	2.09
4	2.30	1.65	0.23	9.10	8.05	2.09
4	2.19	1.55	0.22	9.10	7.90	1.86
4	2.08	1.45	0.21	9.10	7.75	1.74
4	1.97	1.36	0.20	9.10	7.58	1.73
4	1.86	1.27	0.18	9.10	7.40	1.73
4	1.75	1.18	0.17	9.10	7.21	1.72
4	1.64	1.09	0.16	9.10	7.01	1.71
4	1.53	1.00	0.15	9.10	6.81	1.71
4	1.42	0.92	0.14	9.10	6.61	1.70
4	1.31	0.84	0.13	9.10	6.41	1.70
4	1.20	0.76	0.12	9.10	6.22	1.69
4	1.20	0.76	0.12	9.10	6.22	1.69

4	1.08	0.67	0.11	9.10	6.00	1.69
4	0.96	0.59	0.10	9.10	5.80	1.68
4	0.84	0.51	0.08	9.10	5.62	1.67
4	0.72	0.43	0.07	9.10	5.45	1.67
4	0.60	0.36	0.06	9.10	5.30	1.66
4	0.48	0.28	0.05	9.10	5.16	1.66
4	0.36	0.21	0.04	9.10	5.04	1.65
4	0.24	0.14	0.02	9.10	4.94	1.64
4	0.12	0.07	0.01	9.10	4.86	1.64
4	0.00	0.00	0.00	9.10	4.79	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	3.78	0.00	0.00	0.00	0.00	0.00
4	3.67	8.02	0.01	8.01	6.86	1.15
4	3.56	16.04	0.02	16.02	13.72	2.31
4	3.45	24.06	0.03	24.03	20.57	3.46
4	3.34	32.06	0.04	32.02	27.41	4.61
4	3.24	40.06	0.06	40.00	34.25	5.76
4	3.13	48.05	0.08	47.97	41.07	6.90
4	3.02	56.02	0.10	55.93	47.89	8.04
4	2.91	63.99	0.13	63.86	54.68	9.17
4	2.80	71.93	0.17	71.76	61.46	10.30
4	2.69	79.84	0.21	79.63	68.22	11.42
4	2.69	79.84	0.21	79.63	68.22	11.42
4	2.58	87.74	0.25	87.48	74.95	12.54
4	2.48	95.60	0.31	95.29	81.65	13.65

4	2.37	103.43	0.37	103.05	88.31	14.74
4	2.26	111.21	0.45	110.76	94.93	15.83
4	2.16	118.95	0.54	118.41	101.51	16.90
4	2.05	126.63	0.65	125.98	108.02	17.95
4	1.95	134.24	0.77	133.47	114.47	19.00
4	1.85	141.78	0.91	140.87	120.85	20.02
4	1.75	149.23	1.06	148.17	127.14	21.03
4	1.65	156.59	1.23	155.37	133.33	22.03
4	1.65	156.59	1.23	155.37	133.33	22.03
4	1.55	163.85	1.39	162.46	139.43	23.03
4	1.45	171.01	1.57	169.44	145.43	24.01
4	1.36	178.06	1.77	176.29	151.32	24.97
4	1.27	184.99	1.98	183.01	157.09	25.93
4	1.18	191.80	2.20	189.60	162.73	26.87
4	1.09	198.47	2.43	196.04	168.24	27.80
4	1.00	205.01	2.66	202.35	173.62	28.73
4	0.92	211.42	2.89	208.52	178.86	29.66
4	0.84	217.68	3.13	214.56	183.96	30.60
4	0.76	223.82	3.35	220.47	188.93	31.53
4	0.76	223.82	3.35	220.47	188.93	31.53
4	0.67	230.36	3.60	226.76	194.20	32.55
4	0.59	236.74	3.83	232.91	199.32	33.59
4	0.51	242.99	4.05	238.94	204.30	34.64
4	0.43	249.10	4.25	244.85	209.14	35.71
4	0.36	255.09	4.42	250.67	213.86	36.80
4	0.28	260.97	4.58	256.39	218.48	37.91
4	0.21	266.76	4.72	262.05	223.00	39.05

4	0.14	272.48	4.83	267.64	227.44	40.20
4	0.07	278.12	4.93	273.19	231.82	41.37
4	0.00	283.70	6.19	277.51	236.13	41.38

Time = 45. Degree of Consolidation = 27.%

Total Settlement = 0.716

Settlement at End of Primary Consolidation = 2.693

Settlement caused by Primary Consolidation at time 45. = 0.716

Settlement caused by Secondary Compression at time 45. = 0.000

Surface Elevation = 3.22

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****			***** Void Ratios *****			
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.92	10.72	24.00	23.28	18.53
1	29.79	29.72	10.72	23.95	23.23	18.48
1	29.59	29.53	10.71	23.90	23.19	18.43
1	29.39	29.33	10.70	23.85	23.14	18.38
1	29.19	29.14	10.69	23.81	23.09	18.33
1	28.99	28.94	10.68	23.76	23.04	18.29
1	28.79	28.75	10.67	23.71	22.99	18.24
1	28.59	28.56	10.67	23.66	22.94	18.19
1	28.39	28.36	10.66	23.61	22.89	18.14
1	28.19	28.17	10.65	23.56	22.85	18.09
1	27.99	27.98	10.64	23.51	22.80	18.04

2	27.99	27.98	10.64	1.78	1.78	1.77
2	26.78	26.77	10.21	1.78	1.77	1.77
2	25.57	25.55	9.77	1.77	1.77	1.76
2	24.36	24.35	9.33	1.77	1.76	1.76
2	23.15	23.14	8.90	1.76	1.76	1.75
2	21.95	21.94	8.46	1.75	1.75	1.74
2	20.75	20.74	8.02	1.74	1.74	1.73
2	19.55	19.54	7.58	1.73	1.73	1.72
2	18.36	18.35	7.15	1.72	1.72	1.71
2	17.17	17.17	6.71	1.71	1.71	1.69
2	15.99	15.99	6.27	1.70	1.70	1.68
3	15.99	15.99	6.27	1.62	1.62	1.60
3	14.36	14.35	5.65	1.60	1.60	1.59
3	12.73	12.72	5.02	1.59	1.58	1.58
3	11.11	11.11	4.39	1.57	1.57	1.56
3	9.50	9.50	3.76	1.56	1.56	1.55
3	7.90	7.89	3.14	1.55	1.55	1.54
3	6.30	6.30	2.51	1.54	1.53	1.53
3	4.72	4.71	1.88	1.52	1.52	1.51
3	3.14	3.13	1.25	1.51	1.51	1.50
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.49	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.92	271.99	6.23	265.76	224.42	41.34
1	29.72	284.64	6.65	277.99	236.65	41.34

1	29.53	297.27	7.08	290.19	248.85	41.34
1	29.33	309.87	7.50	302.37	261.03	41.34
1	29.14	322.45	7.92	314.53	273.19	41.34
1	28.94	335.00	8.34	326.66	285.32	41.34
1	28.75	347.53	8.77	338.77	297.42	41.34
1	28.56	360.04	9.19	350.85	309.50	41.34
1	28.36	372.52	9.61	362.90	321.56	41.34
1	28.17	384.97	10.04	374.94	333.59	41.34
1	27.98	397.40	10.46	386.94	345.60	41.34
1	27.98	397.40	10.46	386.94	345.60	41.34
2	26.77	517.26	51.06	466.20	421.29	44.90
2	25.55	636.99	99.47	537.52	496.87	40.65
2	24.35	756.58	146.04	610.54	572.30	38.24
2	23.14	875.98	199.76	676.22	647.54	28.68
2	21.94	995.17	253.90	741.28	722.58	18.70
2	20.74	1114.15	283.77	830.39	797.40	32.99
2	19.54	1232.89	317.87	915.01	871.97	43.04
2	18.35	1351.34	357.50	993.84	946.27	47.57
2	17.17	1469.47	401.66	1067.81	1020.24	47.57
2	15.99	1587.26	445.82	1141.44	1093.87	47.57
2	15.99	1587.26	445.82	1141.44	1093.87	47.57
3	14.35	1751.28	507.68	1243.60	1196.03	47.57
3	12.72	1914.60	575.03	1339.56	1297.49	42.07
3	11.11	2077.41	638.25	1439.16	1398.45	40.72
3	9.50	2239.73	700.79	1538.94	1498.91	40.03
3	7.89	2401.56	763.22	1638.35	1598.88	39.46
3	6.30	2562.90	825.58	1737.33	1698.37	38.96

3	4.71	2723.76	887.75	1836.01	1797.37	38.65
3	3.13	2884.13	949.39	1934.75	1895.88	38.87
3	1.56	3044.02	1009.63	2034.39	1993.91	40.48
3	0.00	3203.42	1067.89	2135.53	2091.46	44.08

Time = 60. Degree of Consolidation = 13.%

Total Settlement = 0.072

Settlement at End of Primary Consolidation = 0.547

Settlement caused by Primary Consolidation at time 60. = 0.072

Settlement caused by Secondary Compression at time 60. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.50	3.60	0.45	9.10	9.10	9.10
4	4.39	3.49	0.43	9.10	9.05	8.10
4	4.28	3.38	0.42	9.10	9.01	7.10
4	4.17	3.27	0.41	9.10	8.96	6.10
4	4.06	3.16	0.40	9.10	8.92	5.10
4	3.95	3.05	0.39	9.10	8.87	4.79
4	3.84	2.95	0.38	9.10	8.82	4.78
4	3.73	2.84	0.37	9.10	8.76	4.76
4	3.62	2.73	0.36	9.10	8.69	4.75
4	3.51	2.63	0.35	9.10	8.62	4.65
4	3.40	2.52	0.34	9.10	8.54	4.41

4	3.40	2.52	0.34	9.10	8.54	4.41
4	3.29	2.42	0.33	9.10	8.46	4.18
4	3.18	2.32	0.31	9.10	8.37	3.95
4	3.07	2.22	0.30	9.10	8.27	3.72
4	2.96	2.12	0.29	9.10	8.15	3.48
4	2.85	2.02	0.28	9.10	8.03	3.25
4	2.74	1.92	0.27	9.10	7.90	3.02
4	2.63	1.82	0.26	9.10	7.76	2.79
4	2.52	1.73	0.25	9.10	7.61	2.55
4	2.41	1.64	0.24	9.10	7.46	2.32
4	2.30	1.54	0.23	9.10	7.30	2.09
4	2.30	1.54	0.23	9.10	7.30	2.09
4	2.19	1.45	0.22	9.10	7.13	1.86
4	2.08	1.37	0.21	9.10	6.97	1.74
4	1.97	1.28	0.20	9.10	6.80	1.73
4	1.86	1.20	0.18	9.10	6.63	1.73
4	1.75	1.11	0.17	9.10	6.47	1.72
4	1.64	1.03	0.16	9.10	6.30	1.71
4	1.53	0.96	0.15	9.10	6.14	1.71
4	1.42	0.88	0.14	9.10	5.99	1.70
4	1.31	0.80	0.13	9.10	5.84	1.70
4	1.20	0.73	0.12	9.10	5.70	1.69
4	1.20	0.73	0.12	9.10	5.70	1.69
4	1.08	0.65	0.11	9.10	5.55	1.69
4	0.96	0.57	0.10	9.10	5.42	1.68
4	0.84	0.50	0.08	9.10	5.29	1.67
4	0.72	0.42	0.07	9.10	5.18	1.67

4	0.60	0.35	0.06	9.10	5.09	1.66
4	0.48	0.28	0.05	9.10	5.01	1.66
4	0.36	0.21	0.04	9.10	4.94	1.65
4	0.24	0.14	0.02	9.10	4.88	1.64
4	0.12	0.07	0.01	9.10	4.83	1.64
4	0.00	0.00	0.00	9.10	4.79	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	3.60	0.00	0.00	0.00	0.00	0.00
4	3.49	8.01	0.06	7.95	6.85	1.11
4	3.38	15.99	0.11	15.88	13.66	2.22
4	3.27	23.94	0.16	23.78	20.45	3.33
4	3.16	31.86	0.21	31.64	27.21	4.44
4	3.05	39.74	0.27	39.47	33.93	5.55
4	2.95	47.59	0.33	47.26	40.62	6.65
4	2.84	55.41	0.40	55.01	47.27	7.74
4	2.73	63.18	0.47	62.71	53.88	8.83
4	2.63	70.91	0.56	70.35	60.44	9.91
4	2.52	78.58	0.65	77.93	66.95	10.98
4	2.52	78.58	0.65	77.93	66.95	10.98
4	2.42	86.20	0.75	85.45	73.41	12.04
4	2.32	93.76	0.85	92.90	79.80	13.10
4	2.22	101.25	0.97	100.28	86.14	14.15
4	2.12	108.67	1.10	107.57	92.40	15.18
4	2.02	116.02	1.24	114.78	98.58	16.20
4	1.92	123.27	1.39	121.88	104.67	17.21

4	1.82	130.44	1.56	128.88	110.67	18.21
4	1.73	137.50	1.73	135.77	116.57	19.20
4	1.64	144.47	1.91	142.56	122.37	20.18
4	1.54	151.32	2.10	149.22	128.07	21.16
4	1.54	151.32	2.10	149.22	128.07	21.16
4	1.45	158.07	2.29	155.78	133.65	22.13
4	1.37	164.70	2.48	162.22	139.12	23.10
4	1.28	171.22	2.67	168.55	144.48	24.07
4	1.20	177.63	2.87	174.76	149.72	25.04
4	1.11	183.92	3.06	180.86	154.85	26.01
4	1.03	190.11	3.25	186.85	159.87	26.98
4	0.96	196.18	3.44	192.74	164.78	27.96
4	0.88	202.14	3.62	198.52	169.58	28.94
4	0.80	208.00	3.79	204.22	174.28	29.93
4	0.73	213.77	3.95	209.82	178.88	30.94
4	0.73	213.77	3.95	209.82	178.88	30.94
4	0.65	219.95	4.12	215.83	183.80	32.03
4	0.57	226.03	4.28	221.74	188.61	33.14
4	0.50	232.01	4.43	227.58	193.32	34.26
4	0.42	237.90	4.55	233.35	197.94	35.41
4	0.35	243.72	4.66	239.05	202.49	36.56
4	0.28	249.47	4.76	244.71	206.97	37.74
4	0.21	255.16	4.84	250.32	211.40	38.92
4	0.14	260.81	4.91	255.90	215.78	40.12
4	0.07	266.42	4.97	261.45	220.12	41.33
4	0.00	271.99	6.23	265.76	224.42	41.34

Time = 60. Degree of Consolidation = 34.%

Total Settlement = 0.903
 Settlement at End of Primary Consolidation = 2.693
 Settlement caused by Primary Consolidation at time 60. = 0.903
 Settlement caused by Secondary Compression at time 60. = 0.000
 Surface Elevation = 3.02

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.92	10.72	24.00	23.28	18.53
1	29.79	29.72	10.72	23.95	23.23	18.48
1	29.59	29.53	10.71	23.90	23.18	18.43
1	29.39	29.33	10.70	23.85	23.14	18.38
1	29.19	29.14	10.69	23.81	23.09	18.33
1	28.99	28.94	10.68	23.76	23.04	18.29
1	28.79	28.75	10.67	23.71	22.99	18.24
1	28.59	28.55	10.67	23.66	22.94	18.19
1	28.39	28.36	10.66	23.61	22.89	18.14
1	28.19	28.17	10.65	23.56	22.84	18.09
1	27.99	27.98	10.64	23.51	22.79	18.04
2	27.99	27.98	10.64	1.78	1.78	1.77
2	26.78	26.76	10.21	1.78	1.77	1.77
2	25.57	25.55	9.77	1.77	1.77	1.76
2	24.36	24.34	9.33	1.77	1.76	1.76

2	23.15	23.14	8.90	1.76	1.76	1.75
2	21.95	21.93	8.46	1.75	1.75	1.74
2	20.75	20.74	8.02	1.74	1.74	1.73
2	19.55	19.54	7.58	1.73	1.73	1.72
2	18.36	18.35	7.15	1.72	1.72	1.71
2	17.17	17.17	6.71	1.71	1.71	1.69
2	15.99	15.99	6.27	1.70	1.70	1.68
3	15.99	15.99	6.27	1.62	1.62	1.60
3	14.36	14.35	5.65	1.60	1.60	1.59
3	12.73	12.72	5.02	1.59	1.58	1.58
3	11.11	11.10	4.39	1.57	1.57	1.56
3	9.50	9.49	3.76	1.56	1.56	1.55
3	7.90	7.89	3.14	1.55	1.55	1.54
3	6.30	6.30	2.51	1.54	1.53	1.53
3	4.72	4.71	1.88	1.52	1.52	1.51
3	3.14	3.13	1.25	1.51	1.51	1.50
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.48	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.92	261.61	6.25	255.36	214.04	41.32
1	29.72	274.26	6.67	267.59	226.27	41.32
1	29.53	286.89	7.10	279.79	238.47	41.32
1	29.33	299.49	7.52	291.97	250.65	41.32
1	29.14	312.06	7.94	304.12	262.80	41.32
1	28.94	324.62	8.37	316.25	274.93	41.32

1	28.75	337.14	8.79	328.35	287.03	41.32
1	28.55	349.65	9.21	340.43	299.11	41.32
1	28.36	362.13	9.64	352.49	311.17	41.32
1	28.17	374.58	10.06	364.52	323.20	41.32
1	27.98	387.01	10.48	376.53	335.21	41.32
2	27.98	387.01	10.48	376.53	335.21	41.32
2	26.76	506.86	52.10	454.77	410.90	43.87
2	25.55	626.59	101.37	525.23	486.47	38.75
2	24.34	746.17	148.90	597.27	561.89	35.38
2	23.14	865.56	203.25	662.31	637.12	25.19
2	21.93	984.74	255.58	729.16	712.14	17.01
2	20.74	1103.71	285.28	818.43	786.95	31.48
2	19.54	1222.43	318.85	903.58	861.52	42.07
2	18.35	1340.88	357.50	983.38	935.81	47.57
2	17.17	1459.01	401.66	1057.35	1009.78	47.57
2	15.99	1576.80	445.82	1130.98	1083.41	47.57
3	15.99	1576.80	445.82	1130.98	1083.41	47.57
3	14.35	1740.82	507.68	1233.14	1185.57	47.57
3	12.72	1904.13	576.23	1327.90	1287.03	40.87
3	11.10	2066.93	639.92	1427.02	1387.97	39.04
3	9.49	2229.24	702.69	1526.55	1488.42	38.13
3	7.89	2391.06	765.25	1625.80	1588.38	37.42
3	6.30	2552.39	827.69	1724.70	1687.85	36.85
3	4.71	2713.22	889.81	1823.41	1786.83	36.58
3	3.13	2873.58	951.26	1922.31	1885.33	36.99
3	1.56	3033.46	1011.19	2022.27	1983.35	38.92
3	0.00	3192.85	1069.40	2123.45	2080.88	42.57

Time = 75. Degree of Consolidation = 14.%

Total Settlement = 0.075

Settlement at End of Primary Consolidation = 0.547

Settlement caused by Primary Consolidation at time 75. =
0.075

Settlement caused by Secondary Compression at time 75. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.50	3.43	0.45	9.10	9.10	9.10
4	4.39	3.32	0.43	9.10	8.98	8.10
4	4.28	3.21	0.42	9.10	8.88	7.10
4	4.17	3.11	0.41	9.10	8.77	6.10
4	4.06	3.00	0.40	9.10	8.68	5.10
4	3.95	2.89	0.39	9.10	8.58	4.79
4	3.84	2.79	0.38	9.10	8.48	4.78
4	3.73	2.69	0.37	9.10	8.38	4.76
4	3.62	2.59	0.36	9.10	8.27	4.75
4	3.51	2.49	0.35	9.10	8.16	4.65
4	3.40	2.39	0.34	9.10	8.04	4.41
4	3.40	2.39	0.34	9.10	8.04	4.41
4	3.29	2.29	0.33	9.10	7.93	4.18
4	3.18	2.19	0.31	9.10	7.80	3.95
4	3.07	2.10	0.30	9.10	7.67	3.72

4	2.96	2.00	0.29	9.10	7.54	3.48
4	2.85	1.91	0.28	9.10	7.40	3.25
4	2.74	1.82	0.27	9.10	7.26	3.02
4	2.63	1.73	0.26	9.10	7.11	2.79
4	2.52	1.64	0.25	9.10	6.96	2.55
4	2.41	1.56	0.24	9.10	6.81	2.32
4	2.30	1.47	0.23	9.10	6.66	2.09
4	2.30	1.47	0.23	9.10	6.66	2.09
4	2.19	1.39	0.22	9.10	6.51	1.86
4	2.08	1.31	0.21	9.10	6.36	1.74
4	1.97	1.23	0.20	9.10	6.22	1.73
4	1.86	1.15	0.18	9.10	6.08	1.73
4	1.75	1.08	0.17	9.10	5.95	1.72
4	1.64	1.00	0.16	9.10	5.82	1.71
4	1.53	0.93	0.15	9.10	5.70	1.71
4	1.42	0.86	0.14	9.10	5.59	1.70
4	1.31	0.78	0.13	9.10	5.49	1.70
4	1.20	0.71	0.12	9.10	5.39	1.69
4	1.20	0.71	0.12	9.10	5.39	1.69
4	1.08	0.64	0.11	9.10	5.29	1.69
4	0.96	0.57	0.10	9.10	5.19	1.68
4	0.84	0.49	0.08	9.10	5.11	1.67
4	0.72	0.42	0.07	9.10	5.04	1.67
4	0.60	0.35	0.06	9.10	4.98	1.66
4	0.48	0.28	0.05	9.10	4.92	1.66
4	0.36	0.21	0.04	9.10	4.88	1.65
4	0.24	0.14	0.02	9.10	4.84	1.64

4	0.12	0.07	0.01	9.10	4.81	1.64
4	0.00	0.00	0.00	9.10	4.78	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	3.43	0.00	0.00	0.00	0.00	0.00
4	3.32	7.99	0.14	7.85	6.82	1.03
4	3.21	15.90	0.26	15.64	13.57	2.06
4	3.11	23.74	0.38	23.36	20.25	3.11
4	3.00	31.51	0.49	31.02	26.86	4.16
4	2.89	39.21	0.61	38.61	33.40	5.21
4	2.79	46.85	0.72	46.13	39.88	6.26
4	2.69	54.42	0.84	53.58	46.28	7.30
4	2.59	61.92	0.96	60.96	52.62	8.34
4	2.49	69.35	1.09	68.26	58.88	9.37
4	2.39	76.70	1.23	75.47	65.07	10.40
4	2.39	76.70	1.23	75.47	65.07	10.40
4	2.29	83.97	1.36	82.60	71.18	11.43
4	2.19	91.16	1.51	89.65	77.20	12.45
4	2.10	98.26	1.66	96.60	83.14	13.46
4	2.00	105.27	1.81	103.46	88.99	14.47
4	1.91	112.19	1.98	110.21	94.75	15.47
4	1.82	119.01	2.14	116.87	100.41	16.46
4	1.73	125.74	2.32	123.42	105.97	17.45
4	1.64	132.36	2.49	129.87	111.43	18.44
4	1.56	138.88	2.66	136.22	116.79	19.43
4	1.47	145.30	2.84	142.46	122.05	20.42

4	1.47	145.30	2.84	142.46	122.05	20.42
4	1.39	151.62	3.01	148.61	127.20	21.41
4	1.31	157.84	3.18	154.65	132.25	22.40
4	1.23	163.95	3.35	160.61	137.21	23.40
4	1.15	169.98	3.51	166.47	142.07	24.40
4	1.08	175.91	3.66	172.24	146.84	25.41
4	1.00	181.75	3.81	177.94	151.52	26.42
4	0.93	187.51	3.95	183.56	156.11	27.45
4	0.86	193.19	4.08	189.11	160.63	28.48
4	0.78	198.79	4.20	194.59	165.07	29.52
4	0.71	204.33	4.31	200.02	169.45	30.57
4	0.71	204.33	4.31	200.02	169.45	30.57
4	0.64	210.30	4.43	205.87	174.15	31.72
4	0.57	216.19	4.54	211.65	178.77	32.88
4	0.49	222.02	4.64	217.38	183.33	34.05
4	0.42	227.79	4.72	223.07	187.84	35.24
4	0.35	233.52	4.79	228.72	192.29	36.43
4	0.28	239.20	4.86	234.34	196.70	37.64
4	0.21	244.84	4.91	239.93	201.08	38.86
4	0.14	250.45	4.95	245.50	205.42	40.08
4	0.07	256.04	4.99	251.06	209.74	41.31
4	0.00	261.61	6.25	255.36	214.04	41.32

Time = 75. Degree of Consolidation = 40.%

Total Settlement = 1.070

Settlement at End of Primary Consolidation = 2.693

Settlement caused by Primary Consolidation at time 75. =
1.070

Settlement caused by Secondary Compression at time 75. =
0.000

Surface Elevation = 2.85

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.89	10.72	24.00	23.10	18.53
1	29.79	29.70	10.72	23.95	23.05	18.48
1	29.59	29.51	10.71	23.90	23.01	18.43
1	29.39	29.31	10.70	23.85	22.96	18.38
1	29.19	29.12	10.69	23.81	22.91	18.33
1	28.99	28.93	10.68	23.76	22.86	18.29
1	28.79	28.73	10.67	23.71	22.81	18.24
1	28.59	28.54	10.67	23.66	22.76	18.19
1	28.39	28.35	10.66	23.61	22.72	18.14
1	28.19	28.16	10.65	23.56	22.67	18.09
1	27.99	27.97	10.64	23.51	22.62	18.04
2	27.99	27.97	10.64	1.78	1.78	1.77
2	26.78	26.75	10.21	1.78	1.77	1.77
2	25.57	25.54	9.77	1.77	1.77	1.76
2	24.36	24.34	9.33	1.77	1.76	1.76
2	23.15	23.13	8.90	1.76	1.76	1.75
2	21.95	21.93	8.46	1.75	1.75	1.74
2	20.75	20.73	8.02	1.74	1.74	1.73
2	19.55	19.54	7.58	1.73	1.73	1.72

2	18.36	18.34	7.15	1.72	1.72	1.71
2	17.17	17.16	6.71	1.71	1.71	1.69
2	15.99	15.98	6.27	1.70	1.70	1.68
3	15.99	15.98	6.27	1.62	1.62	1.60
3	14.36	14.34	5.65	1.60	1.60	1.59
3	12.73	12.72	5.02	1.59	1.58	1.58
3	11.11	11.10	4.39	1.57	1.57	1.56
3	9.50	9.49	3.76	1.56	1.56	1.55
3	7.90	7.89	3.14	1.55	1.55	1.54
3	6.30	6.30	2.51	1.54	1.53	1.53
3	4.72	4.71	1.88	1.52	1.52	1.51
3	3.14	3.13	1.25	1.51	1.51	1.50
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.48	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.89	240.03	7.82	232.21	192.46	39.75
1	29.70	252.59	8.24	244.35	204.60	39.76
1	29.51	265.13	8.65	256.47	216.71	39.76
1	29.31	277.64	9.07	268.57	228.80	39.77
1	29.12	290.12	9.48	280.64	240.86	39.78
1	28.93	302.59	9.90	292.69	252.90	39.78
1	28.73	315.03	10.32	304.71	264.92	39.79
1	28.54	327.44	10.74	316.70	276.91	39.79
1	28.35	339.83	11.16	328.67	288.87	39.79
1	28.16	352.20	11.58	340.61	300.82	39.80

1	27.97	364.54	12.01	352.53	312.73	39.80
2	27.97	364.54	12.01	352.53	312.73	39.80
2	26.75	484.38	55.57	428.81	388.42	40.39
2	25.54	604.10	106.17	497.93	463.98	33.95
2	24.34	723.66	155.69	567.97	539.38	28.59
2	23.13	843.02	210.98	632.04	614.58	17.46
2	21.93	962.17	259.15	703.03	689.58	13.45
2	20.73	1081.11	288.40	792.72	764.36	28.36
2	19.54	1199.82	320.87	878.94	838.90	40.04
2	18.34	1318.26	357.78	960.48	913.19	47.30
2	17.16	1436.39	401.66	1034.73	987.16	47.57
2	15.98	1554.18	445.82	1108.36	1060.79	47.57
2	15.98	1554.18	445.82	1108.36	1060.79	47.57
3	14.34	1718.20	507.68	1210.52	1162.95	47.57
3	12.72	1881.50	579.60	1301.90	1264.40	37.50
3	11.10	2044.27	644.81	1399.46	1365.31	34.15
3	9.49	2206.54	708.33	1498.21	1465.72	32.49
3	7.89	2368.31	771.28	1597.02	1565.63	31.39
3	6.30	2529.59	833.81	1695.77	1665.05	30.72
3	4.71	2690.38	895.72	1794.66	1763.99	30.67
3	3.13	2850.69	956.67	1894.02	1862.44	31.58
3	1.56	3010.52	1015.80	1994.72	1960.42	34.31
3	0.00	3169.87	1073.94	2095.94	2057.91	38.03

Time = 120. Degree of Consolidation = 18.%

Total Settlement = 0.098

Settlement at End of Primary Consolidation = 0.547

0.098 Settlement caused by Primary Consolidation at time 120. =

0.000 Settlement caused by Secondary Compression at time 120. =

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.50	3.08	0.45	9.10	9.10	9.10
4	4.39	2.98	0.43	9.10	8.73	8.10
4	4.28	2.87	0.42	9.10	8.40	7.10
4	4.17	2.77	0.41	9.10	8.10	6.10
4	4.06	2.67	0.40	9.10	7.84	5.10
4	3.95	2.58	0.39	9.10	7.60	4.79
4	3.84	2.49	0.38	9.10	7.38	4.78
4	3.73	2.40	0.37	9.10	7.18	4.76
4	3.62	2.31	0.36	9.10	7.00	4.75
4	3.51	2.22	0.35	9.10	6.83	4.65
4	3.40	2.14	0.34	9.10	6.68	4.41
4	3.40	2.14	0.34	9.10	6.68	4.41
4	3.29	2.05	0.33	9.10	6.52	4.18
4	3.18	1.97	0.31	9.10	6.38	3.95
4	3.07	1.89	0.30	9.10	6.25	3.72
4	2.96	1.82	0.29	9.10	6.12	3.48
4	2.85	1.74	0.28	9.10	6.00	3.25
4	2.74	1.66	0.27	9.10	5.90	3.02

4	2.63	1.59	0.26	9.10	5.80	2.79
4	2.52	1.52	0.25	9.10	5.70	2.55
4	2.41	1.44	0.24	9.10	5.61	2.32
4	2.30	1.37	0.23	9.10	5.53	2.09
4	2.30	1.37	0.23	9.10	5.53	2.09
4	2.19	1.30	0.22	9.10	5.45	1.86
4	2.08	1.23	0.21	9.10	5.37	1.74
4	1.97	1.16	0.20	9.10	5.31	1.73
4	1.86	1.09	0.18	9.10	5.24	1.73
4	1.75	1.03	0.17	9.10	5.19	1.72
4	1.64	0.96	0.16	9.10	5.14	1.71
4	1.53	0.89	0.15	9.10	5.09	1.71
4	1.42	0.83	0.14	9.10	5.05	1.70
4	1.31	0.76	0.13	9.10	5.01	1.70
4	1.20	0.69	0.12	9.10	4.98	1.69
4	1.20	0.69	0.12	9.10	4.98	1.69
4	1.08	0.62	0.11	9.10	4.94	1.69
4	0.96	0.55	0.10	9.10	4.91	1.68
4	0.84	0.48	0.08	9.10	4.88	1.67
4	0.72	0.41	0.07	9.10	4.86	1.67
4	0.60	0.34	0.06	9.10	4.84	1.66
4	0.48	0.28	0.05	9.10	4.82	1.66
4	0.36	0.21	0.04	9.10	4.80	1.65
4	0.24	0.14	0.02	9.10	4.79	1.64
4	0.12	0.07	0.01	9.10	4.78	1.64
4	0.00	0.00	0.00	9.10	4.77	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	3.08	0.00	0.00	0.00	0.00	0.00
4	2.98	7.90	0.43	7.47	6.74	0.73
4	2.87	15.56	0.82	14.74	13.23	1.51
4	2.77	23.00	1.16	21.84	19.52	2.33
4	2.67	30.26	1.47	28.79	25.61	3.18
4	2.58	37.35	1.75	35.60	31.53	4.07
4	2.49	44.28	2.00	42.28	37.30	4.98
4	2.40	51.07	2.23	48.83	42.93	5.91
4	2.31	57.73	2.44	55.28	48.42	6.86
4	2.22	64.27	2.64	61.63	53.80	7.83
4	2.14	70.70	2.82	67.88	59.07	8.81
4	2.14	70.70	2.82	67.88	59.07	8.81
4	2.05	77.03	3.00	74.03	64.24	9.79
4	1.97	83.25	3.16	80.09	69.30	10.79
4	1.89	89.39	3.32	86.07	74.27	11.80
4	1.82	95.43	3.46	91.97	79.15	12.82
4	1.74	101.39	3.60	97.79	83.95	13.84
4	1.66	107.28	3.73	103.55	88.67	14.88
4	1.59	113.09	3.84	109.25	93.33	15.92
4	1.52	118.84	3.95	114.89	97.91	16.98
4	1.44	124.53	4.05	120.47	102.43	18.04
4	1.37	130.16	4.15	126.01	106.90	19.11
4	1.37	130.16	4.15	126.01	106.90	19.11
4	1.30	135.73	4.24	131.49	111.31	20.17
4	1.23	141.25	4.33	136.92	115.67	21.25

4	1.16	146.72	4.41	142.31	119.98	22.33
4	1.09	152.15	4.48	147.67	124.24	23.42
4	1.03	157.54	4.55	152.99	128.47	24.52
4	0.96	162.89	4.61	158.28	132.65	25.62
4	0.89	168.20	4.66	163.54	136.81	26.73
4	0.83	173.49	4.71	168.78	140.93	27.85
4	0.76	178.75	4.76	173.99	145.03	28.97
4	0.69	183.99	4.79	179.19	149.10	30.09
4	0.69	183.99	4.79	179.19	149.10	30.09
4	0.62	189.67	4.84	184.83	153.52	31.32
4	0.55	195.33	4.87	190.46	157.91	32.55
4	0.48	200.97	4.91	196.06	162.28	33.78
4	0.41	206.59	4.93	201.66	166.63	35.02
4	0.34	212.19	4.96	207.24	170.97	36.27
4	0.28	217.78	4.98	212.80	175.29	37.52
4	0.21	223.36	4.99	218.36	179.60	38.77
4	0.14	228.93	5.72	223.20	183.89	39.31
4	0.07	234.48	6.77	227.71	188.18	39.53
4	0.00	240.03	7.82	232.21	192.46	39.75

Time = 120. Degree of Consolidation = 53.%

Total Settlement = 1.416

Settlement at End of Primary Consolidation = 2.693

Settlement caused by Primary Consolidation at time 120. =
1.416

Settlement caused by Secondary Compression at time 120. =
0.000

Surface Elevation = 2.49

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.85	10.72	24.00	22.64	18.53
1	29.79	29.66	10.72	23.95	22.59	18.48
1	29.59	29.47	10.71	23.90	22.54	18.43
1	29.39	29.28	10.70	23.85	22.49	18.38
1	29.19	29.09	10.69	23.81	22.44	18.33
1	28.99	28.90	10.68	23.76	22.40	18.29
1	28.79	28.71	10.67	23.71	22.35	18.24
1	28.59	28.52	10.67	23.66	22.30	18.19
1	28.39	28.33	10.66	23.61	22.25	18.14
1	28.19	28.15	10.65	23.56	22.20	18.09
1	27.99	27.96	10.64	23.51	22.15	18.04
2	27.99	27.96	10.64	1.78	1.78	1.77
2	26.78	26.75	10.21	1.78	1.77	1.77
2	25.57	25.53	9.77	1.77	1.77	1.76
2	24.36	24.33	9.33	1.77	1.76	1.76
2	23.15	23.12	8.90	1.76	1.75	1.75
2	21.95	21.92	8.46	1.75	1.75	1.74
2	20.75	20.72	8.02	1.74	1.74	1.73
2	19.55	19.53	7.58	1.73	1.73	1.72
2	18.36	18.34	7.15	1.72	1.72	1.71
2	17.17	17.15	6.71	1.71	1.71	1.69
2	15.99	15.97	6.27	1.70	1.70	1.68

3	15.99	15.97	6.27	1.62	1.62	1.60
3	14.36	14.33	5.65	1.60	1.60	1.59
3	12.73	12.71	5.02	1.59	1.58	1.58
3	11.11	11.09	4.39	1.57	1.57	1.56
3	9.50	9.48	3.76	1.56	1.56	1.55
3	7.90	7.88	3.14	1.55	1.54	1.54
3	6.30	6.29	2.51	1.54	1.53	1.53
3	4.72	4.71	1.88	1.52	1.52	1.51
3	3.14	3.13	1.25	1.51	1.51	1.50
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.48	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.85	227.25	11.86	215.39	179.68	35.71
1	29.66	239.58	12.28	227.30	191.59	35.72
1	29.47	251.88	12.69	239.19	203.46	35.72
1	29.28	264.16	13.11	251.05	215.32	35.73
1	29.09	276.41	13.52	262.89	227.15	35.74
1	28.90	288.64	13.94	274.70	238.95	35.74
1	28.71	300.84	14.36	286.48	250.73	35.75
1	28.52	313.02	14.78	298.24	262.49	35.75
1	28.33	325.18	15.20	309.98	274.22	35.75
1	28.15	337.31	15.62	321.69	285.93	35.76
1	27.96	349.42	16.05	333.37	297.61	35.76
1	27.96	349.42	16.05	333.37	297.61	35.76
2	26.75	469.25	61.21	408.04	373.29	34.75

2	25.53	588.95	112.00	476.95	448.83	28.12
2	24.33	708.48	162.52	545.96	524.20	21.76
2	23.12	827.82	217.99	609.83	599.38	10.45
2	21.92	946.95	262.24	684.71	674.35	10.36
2	20.72	1065.87	291.16	774.71	749.11	25.59
2	19.53	1184.55	323.03	861.52	823.64	37.88
2	18.34	1302.98	359.04	943.94	897.91	46.03
2	17.15	1421.11	401.66	1019.44	971.88	47.57
2	15.97	1538.90	445.82	1093.08	1045.51	47.57
2	15.97	1538.90	445.82	1093.08	1045.51	47.57
3	14.33	1702.93	507.68	1195.25	1147.68	47.57
3	12.71	1866.21	583.76	1282.45	1249.10	33.35
3	11.09	2028.94	651.05	1377.89	1349.97	27.91
3	9.48	2191.15	715.62	1475.53	1450.33	25.20
3	7.88	2352.86	779.02	1573.84	1550.18	23.66
3	6.29	2514.08	841.55	1672.53	1649.54	22.99
3	4.71	2674.81	903.12	1771.69	1748.42	23.27
3	3.13	2835.06	963.50	1871.56	1846.81	24.75
3	1.56	2994.85	1021.73	1973.12	1944.74	28.38
3	0.00	3154.15	1079.81	2074.33	2042.18	32.15

Time = 180. Degree of Consolidation = 27.%

Total Settlement = 0.145

Settlement at End of Primary Consolidation = 0.547

Settlement caused by Primary Consolidation at time 180. = 0.145

Settlement caused by Secondary Compression at time 180. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.50	2.88	0.45	9.10	9.10	9.10
4	4.39	2.77	0.43	9.10	8.53	8.10
4	4.28	2.67	0.42	9.10	8.03	7.10
4	4.17	2.58	0.41	9.10	7.59	6.10
4	4.06	2.48	0.40	9.10	7.21	5.10
4	3.95	2.40	0.39	9.10	6.88	4.79
4	3.84	2.31	0.38	9.10	6.60	4.78
4	3.73	2.23	0.37	9.10	6.36	4.76
4	3.62	2.15	0.36	9.10	6.16	4.75
4	3.51	2.07	0.35	9.10	5.99	4.65
4	3.40	2.00	0.34	9.10	5.84	4.41
4	3.40	2.00	0.34	9.10	5.84	4.41
4	3.29	1.93	0.33	9.10	5.69	4.18
4	3.18	1.85	0.31	9.10	5.56	3.95
4	3.07	1.78	0.30	9.10	5.45	3.72
4	2.96	1.71	0.29	9.10	5.36	3.48
4	2.85	1.64	0.28	9.10	5.28	3.25
4	2.74	1.58	0.27	9.10	5.22	3.02
4	2.63	1.51	0.26	9.10	5.16	2.79
4	2.52	1.44	0.25	9.10	5.11	2.55
4	2.41	1.38	0.24	9.10	5.07	2.32
4	2.30	1.31	0.23	9.10	5.03	2.09

4	2.30	1.31	0.23	9.10	5.03	2.09
4	2.19	1.24	0.22	9.10	4.99	1.86
4	2.08	1.18	0.21	9.10	4.96	1.74
4	1.97	1.11	0.20	9.10	4.93	1.73
4	1.86	1.05	0.18	9.10	4.90	1.73
4	1.75	0.99	0.17	9.10	4.88	1.72
4	1.64	0.92	0.16	9.10	4.85	1.71
4	1.53	0.86	0.15	9.10	4.84	1.71
4	1.42	0.80	0.14	9.10	4.82	1.70
4	1.31	0.73	0.13	9.10	4.80	1.70
4	1.20	0.67	0.12	9.10	4.79	1.69
4	1.20	0.67	0.12	9.10	4.79	1.69
4	1.08	0.60	0.11	9.10	4.78	1.69
4	0.96	0.53	0.10	9.10	4.76	1.68
4	0.84	0.46	0.08	9.10	4.74	1.67
4	0.72	0.40	0.07	9.10	4.70	1.67
4	0.60	0.33	0.06	9.10	4.66	1.66
4	0.48	0.26	0.05	9.10	4.61	1.66
4	0.36	0.19	0.04	9.10	4.55	1.65
4	0.24	0.13	0.02	9.10	4.50	1.64
4	0.12	0.06	0.01	9.10	4.43	1.64
4	0.00	0.00	0.00	9.10	4.37	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.88	0.00	0.00	0.00	0.00	0.00
4	2.77	7.83	0.66	7.17	6.67	0.50

4	2.67	15.29	1.25	14.05	12.97	1.08
4	2.58	22.44	1.76	20.69	18.95	1.73
4	2.48	29.31	2.20	27.11	24.66	2.45
4	2.40	35.94	2.58	33.36	30.12	3.24
4	2.31	42.36	2.90	39.46	35.38	4.07
4	2.23	48.61	3.18	45.42	40.47	4.96
4	2.15	54.70	3.42	51.28	45.40	5.88
4	2.07	60.67	3.62	57.05	50.20	6.84
4	2.00	66.53	3.79	62.73	54.90	7.83
4	2.00	66.53	3.79	62.73	54.90	7.83
4	1.93	72.29	3.97	68.32	59.49	8.82
4	1.85	77.95	4.11	73.84	64.00	9.84
4	1.78	83.53	4.24	79.30	68.42	10.88
4	1.71	89.05	4.35	84.71	72.77	11.93
4	1.64	94.51	4.44	90.08	77.07	13.01
4	1.58	99.92	4.51	95.41	81.32	14.09
4	1.51	105.29	4.58	100.71	85.52	15.19
4	1.44	110.62	4.64	105.98	89.69	16.29
4	1.38	115.92	4.69	111.23	93.83	17.40
4	1.31	121.19	4.74	116.46	97.94	18.52
4	1.31	121.19	4.74	116.46	97.94	18.52
4	1.24	126.44	4.78	121.66	102.02	19.64
4	1.18	131.66	4.82	126.84	106.08	20.76
4	1.11	136.86	4.85	132.01	110.12	21.89
4	1.05	142.04	4.88	137.16	114.13	23.02
4	0.99	147.21	4.91	142.29	118.14	24.16
4	0.92	152.35	4.94	147.42	122.12	25.30

4	0.86	157.49	4.96	152.53	126.09	26.44
4	0.80	162.61	4.98	157.63	130.05	27.58
4	0.73	167.72	5.00	162.73	134.00	28.72
4	0.67	172.82	5.99	166.83	137.94	28.89
4	0.67	172.82	5.99	166.83	137.94	28.89
4	0.60	178.38	7.08	171.30	142.23	29.08
4	0.53	183.92	8.33	175.59	146.50	29.09
4	0.46	189.46	10.01	179.45	150.77	28.68
4	0.40	194.97	10.20	184.77	155.01	29.76
4	0.33	200.45	10.42	190.03	159.22	30.81
4	0.26	205.89	10.66	195.23	163.39	31.83
4	0.19	211.30	10.93	200.36	167.53	32.83
4	0.13	216.66	11.22	205.44	171.63	33.81
4	0.06	221.98	11.53	210.45	175.68	34.77
4	0.00	227.25	11.86	215.39	179.68	35.71

Time = 180. Degree of Consolidation = 60.%

Total Settlement = 1.620

Settlement at End of Primary Consolidation = 2.693

Settlement caused by Primary Consolidation at time 180. =
1.620

Settlement caused by Secondary Compression at time 180. =
0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 2.23

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****

***** Void Ratios *****

	A	XI	Z	Einitial	E	Eeop
Material	29.99	29.80	10.72	24.00	22.12	18.53
1	29.79	29.61	10.72	23.95	22.08	18.48
1	29.59	29.42	10.71	23.90	22.03	18.43
1	29.39	29.24	10.70	23.85	21.98	18.38
1	29.19	29.05	10.69	23.81	21.93	18.33
1	28.99	28.87	10.68	23.76	21.89	18.29
1	28.79	28.68	10.67	23.71	21.84	18.24
1	28.59	28.50	10.67	23.66	21.79	18.19
1	28.39	28.32	10.66	23.61	21.74	18.14
1	28.19	28.13	10.65	23.56	21.69	18.09
1	27.99	27.95	10.64	23.51	21.64	18.04
2	27.99	27.95	10.64	1.78	1.78	1.77
2	26.78	26.74	10.21	1.78	1.77	1.77
2	25.57	25.53	9.77	1.77	1.77	1.76
2	24.36	24.32	9.33	1.77	1.76	1.76
2	23.15	23.11	8.90	1.76	1.75	1.75
2	21.95	21.91	8.46	1.75	1.75	1.74
2	20.75	20.72	8.02	1.74	1.74	1.73
2	19.55	19.52	7.58	1.73	1.73	1.72
2	18.36	18.33	7.15	1.72	1.72	1.71
2	17.17	17.15	6.71	1.71	1.71	1.69
2	15.99	15.97	6.27	1.70	1.70	1.68
2	15.99	15.97	6.27	1.62	1.62	1.60
3	14.36	14.33	5.65	1.60	1.60	1.59
3	12.73	12.70	5.02	1.59	1.58	1.58
3						

3	11.11	11.09	4.39	1.57	1.57	1.56
3	9.50	9.48	3.76	1.56	1.56	1.55
3	7.90	7.88	3.14	1.55	1.54	1.54
3	6.30	6.29	2.51	1.54	1.53	1.53
3	4.72	4.71	1.88	1.52	1.52	1.51
3	3.14	3.13	1.25	1.51	1.51	1.50
3	1.56	1.56	0.63	1.50	1.49	1.49
3	0.00	0.00	0.00	1.49	1.48	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.80	217.15	16.31	200.85	169.59	31.26
1	29.61	229.22	16.72	212.50	181.23	31.27
1	29.42	241.27	17.14	224.13	192.85	31.28
1	29.24	253.29	17.55	235.73	204.45	31.29
1	29.05	265.28	17.97	247.31	216.02	31.29
1	28.87	277.25	18.39	258.86	227.57	31.30
1	28.68	289.20	18.81	270.39	239.09	31.30
1	28.50	301.12	19.23	281.90	250.59	31.31
1	28.32	313.02	19.65	293.37	262.06	31.31
1	28.13	324.89	20.07	304.83	273.51	31.31
1	27.95	336.74	20.49	316.25	284.94	31.31
1	27.95	336.74	20.49	316.25	284.94	31.31
2	26.74	456.56	66.64	389.92	360.60	29.32
2	25.53	576.24	117.12	459.13	436.12	23.00
2	24.32	695.76	168.09	527.67	511.48	16.19
2	23.11	815.07	223.42	591.66	586.64	5.02

2	21.91	934.19	264.57	669.62	661.59	8.03
2	20.72	1053.09	293.25	759.84	736.33	23.51
2	19.52	1171.76	324.70	847.06	810.84	36.21
2	18.33	1290.18	360.06	930.11	885.10	45.01
2	17.15	1408.30	401.66	1006.64	959.07	47.57
2	15.97	1526.09	445.82	1080.27	1032.70	47.57
2	15.97	1526.09	445.82	1080.27	1032.70	47.57
3	14.33	1690.13	507.68	1182.45	1134.88	47.57
3	12.70	1853.39	587.65	1265.74	1236.29	29.45
3	11.09	2016.08	656.95	1359.12	1337.12	22.01
3	9.48	2178.24	722.55	1455.69	1437.42	18.27
3	7.88	2339.90	786.34	1553.55	1537.22	16.34
3	6.29	2501.06	848.85	1652.21	1636.52	15.69
3	4.71	2661.73	910.10	1751.63	1735.34	16.29
3	3.13	2821.93	969.97	1851.96	1833.68	18.28
3	1.56	2981.67	1027.36	1954.31	1931.56	22.75
3	0.00	3140.92	1085.41	2055.51	2028.95	26.56

Time = 240. Degree of Consolidation = 36.%

Total Settlement = 0.195

Settlement at End of Primary Consolidation = 0.547

Settlement caused by Primary Consolidation at time 240. = 0.195

Settlement caused by Secondary Compression at time 240. = 0.000

*****Current Conditions in Dredged Fill*****

***** Coordinates *****

***** Void Ratios *****

	A	XI	Z	Einitial	E	Eeop
Material	4.50	2.72	0.45	9.10	9.10	9.10
4	4.39	2.61	0.43	9.10	8.46	8.10
4	4.28	2.51	0.42	9.10	7.91	7.10
4	4.17	2.42	0.41	9.10	7.42	6.10
4	4.06	2.33	0.40	9.10	7.01	5.10
4	3.95	2.24	0.39	9.10	6.65	4.79
4	3.84	2.16	0.38	9.10	6.35	4.78
4	3.73	2.08	0.37	9.10	6.10	4.76
4	3.62	2.01	0.36	9.10	5.89	4.75
4	3.51	1.93	0.35	9.10	5.72	4.65
4	3.40	1.86	0.34	9.10	5.58	4.41
4	3.40	1.86	0.34	9.10	5.58	4.41
4	3.29	1.79	0.33	9.10	5.43	4.18
4	3.18	1.72	0.31	9.10	5.31	3.95
4	3.07	1.65	0.30	9.10	5.21	3.72
4	2.96	1.58	0.29	9.10	5.13	3.48
4	2.85	1.52	0.28	9.10	5.06	3.25
4	2.74	1.45	0.27	9.10	5.01	3.02
4	2.63	1.39	0.26	9.10	4.96	2.79
4	2.52	1.32	0.25	9.10	4.92	2.55
4	2.41	1.26	0.24	9.10	4.88	2.32
4	2.30	1.19	0.23	9.10	4.85	2.09
4	2.30	1.19	0.23	9.10	4.85	2.09
4	2.19	1.13	0.22	9.10	4.82	1.86
4	2.08	1.07	0.21	9.10	4.80	1.74

4	1.97	1.00	0.20	9.10	4.77	1.73
4	1.86	0.94	0.18	9.10	4.73	1.73
4	1.75	0.88	0.17	9.10	4.65	1.72
4	1.64	0.82	0.16	9.10	4.58	1.71
4	1.53	0.76	0.15	9.10	4.51	1.71
4	1.42	0.70	0.14	9.10	4.44	1.70
4	1.31	0.64	0.13	9.10	4.36	1.70
4	1.20	0.58	0.12	9.10	4.29	1.69
4	1.20	0.58	0.12	9.10	4.29	1.69
4	1.08	0.52	0.11	9.10	4.21	1.69
4	0.96	0.46	0.10	9.10	4.13	1.68
4	0.84	0.40	0.08	9.10	4.05	1.67
4	0.72	0.34	0.07	9.10	3.97	1.67
4	0.60	0.28	0.06	9.10	3.89	1.66
4	0.48	0.22	0.05	9.10	3.81	1.66
4	0.36	0.16	0.04	9.10	3.73	1.65
4	0.24	0.11	0.02	9.10	3.65	1.64
4	0.12	0.05	0.01	9.10	3.57	1.64
4	0.00	0.00	0.00	9.10	3.48	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.72	0.00	0.00	0.00	0.00	0.00
4	2.61	7.81	0.74	7.07	6.64	0.42
4	2.51	15.21	1.39	13.82	12.88	0.94
4	2.42	22.25	1.95	20.30	18.77	1.54
4	2.33	29.00	2.43	26.56	24.34	2.22

4	2.24	35.48	2.85	32.63	29.66	2.97
4	2.16	41.74	3.19	38.54	34.76	3.78
4	2.08	47.81	3.48	44.32	39.67	4.66
4	2.01	53.73	3.73	50.00	44.42	5.58
4	1.93	59.51	3.93	55.58	49.05	6.54
4	1.86	65.19	4.10	61.09	53.56	7.53
4	1.86	65.19	4.10	61.09	53.56	7.53
4	1.79	70.77	4.27	66.51	57.98	8.52
4	1.72	76.26	4.41	71.86	62.31	9.55
4	1.65	81.68	4.52	77.16	66.57	10.60
4	1.58	87.04	4.62	82.42	70.76	11.66
4	1.52	92.34	4.69	87.65	74.90	12.75
4	1.45	97.61	4.76	92.85	79.00	13.84
4	1.39	102.83	4.82	98.02	83.07	14.95
4	1.32	108.03	4.86	103.17	87.10	16.07
4	1.26	113.21	4.90	108.30	91.11	17.19
4	1.19	118.36	4.94	113.42	95.10	18.32
4	1.19	118.36	4.94	113.42	95.10	18.32
4	1.13	123.49	4.97	118.52	99.07	19.45
4	1.07	128.60	5.09	123.51	103.02	20.49
4	1.00	133.69	7.40	126.30	106.95	19.35
4	0.94	138.77	10.06	128.71	110.86	17.85
4	0.88	143.80	10.43	133.37	114.73	18.64
4	0.82	148.78	10.79	137.99	118.55	19.45
4	0.76	153.71	11.15	142.56	122.32	20.25
4	0.70	158.59	11.51	147.08	126.04	21.04
4	0.64	163.43	11.88	151.55	129.71	21.84

4	0.58	168.21	12.25	155.96	133.33	22.64
4	0.58	168.21	12.25	155.96	133.33	22.64
4	0.52	173.37	12.65	160.72	137.22	23.50
4	0.46	178.47	13.05	165.43	141.05	24.37
4	0.40	183.52	13.44	170.07	144.83	25.25
4	0.34	188.50	13.84	174.66	148.54	26.12
4	0.28	193.43	14.23	179.20	152.20	27.00
4	0.22	198.29	14.63	183.66	155.80	27.87
4	0.16	203.10	15.03	188.07	159.34	28.73
4	0.11	207.85	15.45	192.40	162.82	29.58
4	0.05	212.53	15.87	196.66	166.23	30.43
4	0.00	217.15	16.31	200.85	169.59	31.26

Time = 240. Degree of Consolidation = 66.%

Total Settlement = 1.782

Settlement at End of Primary Consolidation = 2.693

Settlement caused by Primary Consolidation at time 240. = 1.782

Settlement caused by Secondary Compression at time 240. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 2.02

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.70	10.72	24.00	21.12	18.53

1	29.79	29.52	10.72	23.95	21.08	18.48
1	29.59	29.34	10.71	23.90	21.03	18.43
1	29.39	29.17	10.70	23.85	20.98	18.38
1	29.19	28.99	10.69	23.81	20.93	18.33
1	28.99	28.81	10.68	23.76	20.88	18.29
1	28.79	28.64	10.67	23.71	20.84	18.24
1	28.59	28.46	10.67	23.66	20.79	18.19
1	28.39	28.28	10.66	23.61	20.74	18.14
1	28.19	28.11	10.65	23.56	20.69	18.09
1	27.99	27.93	10.64	23.51	20.64	18.04
2	27.99	27.93	10.64	1.78	1.78	1.77
2	26.78	26.72	10.21	1.78	1.77	1.77
2	25.57	25.51	9.77	1.77	1.77	1.76
2	24.36	24.30	9.33	1.77	1.76	1.76
2	23.15	23.10	8.90	1.76	1.75	1.75
2	21.95	21.90	8.46	1.75	1.75	1.74
2	20.75	20.70	8.02	1.74	1.74	1.73
2	19.55	19.51	7.58	1.73	1.73	1.72
2	18.36	18.32	7.15	1.72	1.72	1.71
2	17.17	17.13	6.71	1.71	1.71	1.69
2	15.99	15.95	6.27	1.70	1.70	1.68
3	15.99	15.95	6.27	1.62	1.62	1.60
3	14.36	14.32	5.65	1.60	1.60	1.59
3	12.73	12.69	5.02	1.59	1.58	1.58
3	11.11	11.08	4.39	1.57	1.57	1.56
3	9.50	9.47	3.76	1.56	1.55	1.55
3	7.90	7.87	3.14	1.55	1.54	1.54

3	6.30	6.28	2.51	1.54	1.53	1.53
3	4.72	4.70	1.88	1.52	1.52	1.51
3	3.14	3.13	1.25	1.51	1.50	1.50
3	1.56	1.56	0.63	1.50	1.49	1.49
3	0.00	0.00	0.00	1.49	1.48	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.70	196.40	25.02	171.38	148.83	22.55
1	29.52	207.96	25.43	182.53	159.97	22.56
1	29.34	219.50	25.85	193.65	171.08	22.57
1	29.17	231.01	26.26	204.75	182.17	22.58
1	28.99	242.50	26.68	215.82	193.24	22.58
1	28.81	253.97	27.10	226.87	204.28	22.59
1	28.64	265.41	27.52	237.89	215.30	22.59
1	28.46	276.83	27.94	248.89	226.29	22.60
1	28.28	288.22	28.36	259.86	237.26	22.60
1	28.11	299.59	28.78	270.81	248.21	22.60
1	27.93	310.93	29.20	281.73	259.13	22.60
1	27.93	310.93	29.20	281.73	259.13	22.60
2	26.72	430.73	76.17	354.56	334.77	19.80
2	25.51	550.38	125.08	425.31	410.26	15.04
2	24.30	669.87	175.30	494.57	485.59	8.98
2	23.10	789.16	228.44	560.72	560.72	0.00
2	21.90	908.26	267.21	641.04	635.66	5.38
2	20.70	1027.14	295.88	731.26	710.38	20.88
2	19.51	1145.79	326.93	818.86	784.87	33.99

2	18.32	1264.19	361.45	902.74	859.12	43.62
2	17.13	1382.31	401.66	980.65	933.08	47.57
2	15.95	1500.10	445.82	1054.28	1006.71	47.57
2	15.95	1500.10	445.82	1054.28	1006.71	47.57
3	14.32	1664.15	507.68	1156.47	1108.90	47.57
3	12.69	1827.38	595.09	1232.30	1210.28	22.02
3	11.08	1990.00	668.21	1321.79	1311.03	10.76
3	9.47	2152.06	735.75	1416.31	1411.24	5.07
3	7.87	2313.61	800.30	1513.31	1510.93	2.37
3	6.28	2474.66	862.76	1611.90	1610.13	1.77
3	4.70	2635.23	923.44	1711.79	1708.84	2.96
3	3.13	2795.33	982.38	1812.95	1807.08	5.87
3	1.56	2954.97	1038.18	1916.79	1904.86	11.93
3	0.00	3114.13	1096.17	2017.96	2002.16	15.80

Time = 365. Degree of Consolidation = 53.%

Total Settlement = 0.292

Settlement at End of Primary Consolidation = 0.547

Settlement caused by Primary Consolidation at time 365. = 0.292

Settlement caused by Secondary Compression at time 365. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.50	2.39	0.45	9.10	9.10	9.10

4	4.39	2.28	0.43	9.10	8.43	8.10
4	4.28	2.18	0.42	9.10	7.84	7.10
4	4.17	2.09	0.41	9.10	7.33	6.10
4	4.06	2.00	0.40	9.10	6.89	5.10
4	3.95	1.91	0.39	9.10	6.53	4.79
4	3.84	1.83	0.38	9.10	6.22	4.78
4	3.73	1.76	0.37	9.10	5.96	4.76
4	3.62	1.68	0.36	9.10	5.75	4.75
4	3.51	1.61	0.35	9.10	5.57	4.65
4	3.40	1.54	0.34	9.10	5.43	4.41
4	3.40	1.54	0.34	9.10	5.43	4.41
4	3.29	1.47	0.33	9.10	5.28	4.18
4	3.18	1.40	0.31	9.10	5.17	3.95
4	3.07	1.33	0.30	9.10	5.07	3.72
4	2.96	1.27	0.29	9.10	5.00	3.48
4	2.85	1.20	0.28	9.10	4.93	3.25
4	2.74	1.14	0.27	9.10	4.88	3.02
4	2.63	1.08	0.26	9.10	4.84	2.79
4	2.52	1.01	0.25	9.10	4.81	2.55
4	2.41	0.95	0.24	9.10	4.78	2.32
4	2.30	0.89	0.23	9.10	4.75	2.09
4	2.30	0.89	0.23	9.10	4.75	2.09
4	2.19	0.83	0.22	9.10	4.28	1.86
4	2.08	0.77	0.21	9.10	3.96	1.74
4	1.97	0.72	0.20	9.10	3.73	1.73
4	1.86	0.67	0.18	9.10	3.55	1.73
4	1.75	0.62	0.17	9.10	3.41	1.72

4	1.64	0.57	0.16	9.10	3.28	1.71
4	1.53	0.53	0.15	9.10	3.16	1.71
4	1.42	0.48	0.14	9.10	3.06	1.70
4	1.31	0.44	0.13	9.10	2.96	1.70
4	1.20	0.39	0.12	9.10	2.86	1.69
4	1.20	0.39	0.12	9.10	2.86	1.69
4	1.08	0.35	0.11	9.10	2.76	1.69
4	0.96	0.31	0.10	9.10	2.65	1.68
4	0.84	0.26	0.08	9.10	2.55	1.67
4	0.72	0.22	0.07	9.10	2.44	1.67
4	0.60	0.18	0.06	9.10	2.34	1.66
4	0.48	0.14	0.05	9.10	2.23	1.66
4	0.36	0.10	0.04	9.10	2.11	1.65
4	0.24	0.07	0.02	9.10	1.99	1.64
4	0.12	0.03	0.01	9.10	1.87	1.64
4	0.00	0.00	0.00	9.10	1.74	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.39	0.00	0.00	0.00	0.00	0.00
4	2.28	7.79	0.78	7.01	6.63	0.38
4	2.18	15.16	1.47	13.69	12.83	0.86
4	2.09	22.15	2.06	20.09	18.66	1.43
4	2.00	28.82	2.56	26.26	24.17	2.09
4	1.91	35.22	2.99	32.23	29.41	2.82
4	1.83	41.39	3.35	38.04	34.42	3.62
4	1.76	47.37	3.65	43.72	39.23	4.49

4	1.68	53.19	3.90	49.29	43.88	5.40
4	1.61	58.87	4.10	54.77	48.41	6.36
4	1.54	64.45	4.27	60.18	52.82	7.36
4	1.54	64.45	4.27	60.18	52.82	7.36
4	1.47	69.93	4.44	65.50	57.14	8.35
4	1.40	75.33	4.57	70.75	61.37	9.38
4	1.33	80.65	4.68	75.97	65.53	10.43
4	1.27	85.91	4.77	81.14	69.63	11.51
4	1.20	91.13	4.84	86.28	73.68	12.60
4	1.14	96.30	4.90	91.40	77.70	13.70
4	1.08	101.45	4.95	96.50	81.68	14.82
4	1.01	106.57	4.99	101.59	85.64	15.94
4	0.95	111.68	6.58	105.10	89.58	15.52
4	0.89	116.76	9.45	107.31	93.50	13.81
4	0.89	116.76	9.45	107.31	93.50	13.81
4	0.83	121.65	12.32	109.34	97.24	12.10
4	0.77	126.29	13.91	112.38	100.71	11.67
4	0.72	130.74	15.05	115.69	103.99	11.69
4	0.67	135.05	15.94	119.12	107.15	11.97
4	0.62	139.26	16.67	122.58	110.19	12.40
4	0.57	143.37	17.31	126.06	113.14	12.92
4	0.53	147.40	17.88	129.52	116.01	13.51
4	0.48	151.36	18.41	132.95	118.80	14.15
4	0.44	155.24	18.91	136.33	121.52	14.81
4	0.39	159.06	19.39	139.67	124.18	15.49
4	0.39	159.06	19.39	139.67	124.18	15.49
4	0.35	163.16	19.91	143.24	127.00	16.24

4	0.31	167.17	20.43	146.74	129.75	16.99
4	0.26	171.11	20.95	150.16	132.42	17.74
4	0.22	174.97	21.48	153.50	135.01	18.48
4	0.18	178.76	22.01	156.74	137.53	19.21
4	0.14	182.46	22.57	159.89	139.96	19.93
4	0.10	186.08	23.14	162.93	142.31	20.62
4	0.07	189.61	23.74	165.87	144.57	21.29
4	0.03	193.05	24.36	168.69	146.75	21.94
4	0.00	196.40	25.02	171.38	148.83	22.55

Time = 365. Degree of Consolidation = 79.%

Total Settlement = 2.115

Settlement at End of Primary Consolidation = 2.693

Settlement caused by Primary Consolidation at time 365. = 2.115

Settlement caused by Secondary Compression at time 365. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.59

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.69	10.72	24.00	21.01	18.53
1	29.79	29.51	10.72	23.95	20.96	18.48
1	29.59	29.33	10.71	23.90	20.91	18.43
1	29.39	29.15	10.70	23.85	20.87	18.38

1	29.19	28.98	10.69	23.81	20.82	18.33
1	28.99	28.80	10.68	23.76	20.77	18.29
1	28.79	28.63	10.67	23.71	20.72	18.24
1	28.59	28.45	10.67	23.66	20.67	18.19
1	28.39	28.28	10.66	23.61	20.62	18.14
1	28.19	28.10	10.65	23.56	20.57	18.09
1	27.99	27.93	10.64	23.51	20.53	18.04
2	27.99	27.93	10.64	1.78	1.78	1.77
2	26.78	26.71	10.21	1.78	1.77	1.77
2	25.57	25.50	9.77	1.77	1.77	1.76
2	24.36	24.30	9.33	1.77	1.76	1.76
2	23.15	23.09	8.90	1.76	1.75	1.75
2	21.95	21.89	8.46	1.75	1.75	1.74
2	20.75	20.70	8.02	1.74	1.74	1.73
2	19.55	19.50	7.58	1.73	1.73	1.72
2	18.36	18.31	7.15	1.72	1.72	1.71
2	17.17	17.13	6.71	1.71	1.71	1.69
2	15.99	15.95	6.27	1.70	1.70	1.68
3	15.99	15.95	6.27	1.62	1.62	1.60
3	14.36	14.31	5.65	1.60	1.60	1.59
3	12.73	12.68	5.02	1.59	1.58	1.58
3	11.11	11.07	4.39	1.57	1.56	1.56
3	9.50	9.47	3.76	1.56	1.55	1.55
3	7.90	7.87	3.14	1.55	1.54	1.54
3	6.30	6.28	2.51	1.54	1.53	1.53
3	4.72	4.70	1.88	1.52	1.51	1.51
3	3.14	3.12	1.25	1.51	1.50	1.50

3	1.56	1.56	0.63	1.50	1.49	1.49
3	0.00	0.00	0.00	1.49	1.48	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.69	192.66	25.98	166.68	145.09	21.59
1	29.51	204.17	26.40	177.76	156.17	21.59
1	29.33	215.65	26.83	188.82	167.23	21.59
1	29.15	227.11	27.25	199.86	178.27	21.59
1	28.98	238.54	27.67	210.87	189.28	21.59
1	28.80	249.95	28.10	221.85	200.26	21.59
1	28.63	261.33	28.52	232.81	211.22	21.59
1	28.45	272.69	28.94	243.75	222.16	21.59
1	28.28	284.03	29.37	254.66	233.07	21.59
1	28.10	295.34	29.79	265.55	243.96	21.59
1	27.93	306.62	30.21	276.41	254.82	21.59
2	27.93	306.62	30.21	276.41	254.82	21.59
2	26.71	426.41	77.88	348.53	330.45	18.08
2	25.50	546.06	126.51	419.56	405.94	13.61
2	24.30	665.54	176.19	489.35	481.26	8.09
2	23.09	784.84	228.44	556.40	556.40	0.00
2	21.89	903.93	267.35	636.57	631.33	5.24
2	20.70	1022.81	296.14	726.67	706.05	20.62
2	19.50	1141.46	327.23	814.23	780.54	33.68
2	18.31	1259.86	361.68	898.17	854.78	43.39
2	17.13	1377.98	401.66	976.31	928.74	47.57
2	15.95	1495.77	445.82	1049.95	1002.38	47.57

3	15.95	1495.77	445.82	1049.95	1002.38	47.57
3	14.31	1659.83	507.68	1152.15	1104.58	47.57
3	12.68	1823.03	603.16	1219.87	1205.92	13.95
3	11.07	1985.57	677.24	1308.33	1306.61	1.72
3	9.47	2147.58	740.82	1406.76	1406.76	0.00
3	7.87	2309.10	802.68	1506.42	1506.42	0.00
3	6.28	2470.13	864.54	1605.60	1605.60	0.00
3	4.70	2630.69	926.39	1704.29	1704.29	0.00
3	3.12	2790.75	988.25	1802.50	1802.50	0.00
3	1.56	2950.33	1046.93	1903.40	1900.22	3.18
3	0.00	3109.41	1106.09	2003.32	1997.44	5.88

Time = 730. Degree of Consolidation = 56.%

Total Settlement = 0.308

Settlement at End of Primary Consolidation = 0.547

Settlement caused by Primary Consolidation at time 730. = 0.308

Settlement caused by Secondary Compression at time 730. = 0.000

*****Current Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
4	4.50	2.33	0.45	9.10	9.10	9.10
4	4.39	2.22	0.43	9.10	8.43	8.10
4	4.28	2.12	0.42	9.10	7.84	7.10
4	4.17	2.03	0.41	9.10	7.33	6.10

4	4.06	1.94	0.40	9.10	6.89	5.10
4	3.95	1.85	0.39	9.10	6.52	4.79
4	3.84	1.77	0.38	9.10	6.21	4.78
4	3.73	1.70	0.37	9.10	5.96	4.76
4	3.62	1.62	0.36	9.10	5.74	4.75
4	3.51	1.55	0.35	9.10	5.57	4.65
4	3.40	1.48	0.34	9.10	5.42	4.41
4	3.40	1.48	0.34	9.10	5.42	4.41
4	3.29	1.41	0.33	9.10	5.28	4.18
4	3.18	1.34	0.31	9.10	5.16	3.95
4	3.07	1.28	0.30	9.10	5.07	3.72
4	2.96	1.21	0.29	9.10	4.99	3.48
4	2.85	1.14	0.28	9.10	4.93	3.25
4	2.74	1.08	0.27	9.10	4.88	3.02
4	2.63	1.02	0.26	9.10	4.84	2.79
4	2.52	0.95	0.25	9.10	4.81	2.55
4	2.41	0.89	0.24	9.10	4.78	2.32
4	2.30	0.83	0.23	9.10	4.74	2.09
4	2.30	0.83	0.23	9.10	4.74	2.09
4	2.19	0.77	0.22	9.10	4.12	1.86
4	2.08	0.72	0.21	9.10	3.74	1.74
4	1.97	0.67	0.20	9.10	3.47	1.73
4	1.86	0.62	0.18	9.10	3.26	1.73
4	1.75	0.57	0.17	9.10	3.09	1.72
4	1.64	0.53	0.16	9.10	2.94	1.71
4	1.53	0.49	0.15	9.10	2.82	1.71
4	1.42	0.45	0.14	9.10	2.70	1.70

4	1.31	0.41	0.13	9.10	2.60	1.70
4	1.20	0.37	0.12	9.10	2.51	1.69
4	1.20	0.37	0.12	9.10	2.51	1.69
4	1.08	0.33	0.11	9.10	2.41	1.69
4	0.96	0.29	0.10	9.10	2.31	1.68
4	0.84	0.25	0.08	9.10	2.23	1.67
4	0.72	0.21	0.07	9.10	2.15	1.67
4	0.60	0.17	0.06	9.10	2.07	1.66
4	0.48	0.14	0.05	9.10	2.00	1.66
4	0.36	0.10	0.04	9.10	1.93	1.65
4	0.24	0.07	0.02	9.10	1.86	1.64
4	0.12	0.03	0.01	9.10	1.79	1.64
4	0.00	0.00	0.00	9.10	1.74	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.33	0.00	0.00	0.00	0.00	0.00
4	2.22	7.79	0.78	7.01	6.63	0.38
4	2.12	15.16	1.47	13.69	12.83	0.86
4	2.03	22.15	2.06	20.09	18.66	1.43
4	1.94	28.82	2.57	26.25	24.17	2.08
4	1.85	35.21	3.00	32.22	29.40	2.82
4	1.77	41.38	3.36	38.02	34.40	3.62
4	1.70	47.36	3.66	43.70	39.22	4.48
4	1.62	53.17	3.90	49.27	43.87	5.40
4	1.55	58.85	4.11	54.75	48.39	6.36
4	1.48	64.43	4.27	60.16	52.80	7.35

4	1.48	64.43	4.27	60.16	52.80	7.35
4	1.41	69.91	4.44	65.47	57.12	8.35
4	1.34	75.30	4.58	70.72	61.34	9.38
4	1.28	80.62	4.69	75.93	65.50	10.43
4	1.21	85.88	4.78	81.10	69.60	11.50
4	1.14	91.09	4.85	86.24	73.65	12.59
4	1.08	96.26	4.91	91.36	77.66	13.70
4	1.02	101.41	4.95	96.46	81.64	14.81
4	0.95	106.53	4.99	101.54	85.60	15.94
4	0.89	111.63	6.88	104.75	89.54	15.21
4	0.83	116.71	9.99	106.72	93.45	13.26
4	0.83	116.71	9.99	106.72	93.45	13.26
4	0.77	121.54	13.10	108.44	97.12	11.32
4	0.72	126.05	14.98	111.07	100.46	10.60
4	0.67	130.34	16.33	114.01	103.59	10.42
4	0.62	134.47	17.38	117.09	106.56	10.53
4	0.57	138.47	18.25	120.22	109.40	10.82
4	0.53	142.36	18.98	123.38	112.13	11.25
4	0.49	146.16	19.62	126.54	114.76	11.78
4	0.45	149.87	20.18	129.69	117.32	12.37
4	0.41	153.52	20.69	132.83	119.80	13.03
4	0.37	157.10	21.15	135.94	122.21	13.73
4	0.37	157.10	21.15	135.94	122.21	13.73
4	0.33	160.93	21.66	139.27	124.78	14.49
4	0.29	164.69	22.13	142.56	127.27	15.30
4	0.25	168.38	22.56	145.83	129.69	16.13
4	0.21	172.02	22.97	149.05	132.06	16.99

4	0.17	175.59	23.35	152.24	134.36	17.88
4	0.14	179.10	23.72	155.39	136.61	18.78
4	0.10	182.57	24.07	158.50	138.80	19.69
4	0.07	185.98	24.41	161.57	140.95	20.62
4	0.03	189.34	24.74	164.60	143.04	21.56
4	0.00	192.66	25.98	166.68	145.09	21.59

Time = 730. Degree of Consolidation = 81.%

Total Settlement = 2.175

Settlement at End of Primary Consolidation = 2.693

Settlement caused by Primary Consolidation at time 730. = 2.175

Settlement caused by Secondary Compression at time 730. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.52

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.69	10.72	24.00	21.01	18.53
1	29.79	29.51	10.72	23.95	20.96	18.48
1	29.59	29.33	10.71	23.90	20.91	18.43
1	29.39	29.15	10.70	23.85	20.87	18.38
1	29.19	28.98	10.69	23.81	20.82	18.33
1	28.99	28.80	10.68	23.76	20.77	18.29
1	28.79	28.63	10.67	23.71	20.72	18.24

1	28.59	28.45	10.67	23.66	20.67	18.19
1	28.39	28.28	10.66	23.61	20.62	18.14
1	28.19	28.10	10.65	23.56	20.57	18.09
1	27.99	27.93	10.64	23.51	20.53	18.04
2	27.99	27.93	10.64	1.78	1.78	1.77
2	26.78	26.71	10.21	1.78	1.77	1.77
2	25.57	25.50	9.77	1.77	1.77	1.76
2	24.36	24.30	9.33	1.77	1.76	1.76
2	23.15	23.09	8.90	1.76	1.75	1.75
2	21.95	21.89	8.46	1.75	1.75	1.74
2	20.75	20.70	8.02	1.74	1.74	1.73
2	19.55	19.50	7.58	1.73	1.73	1.72
2	18.36	18.31	7.15	1.72	1.72	1.71
2	17.17	17.13	6.71	1.71	1.71	1.69
2	15.99	15.95	6.27	1.70	1.70	1.68
3	15.99	15.95	6.27	1.62	1.62	1.60
3	14.36	14.31	5.65	1.60	1.60	1.59
3	12.73	12.68	5.02	1.59	1.58	1.58
3	11.11	11.07	4.39	1.57	1.56	1.56
3	9.50	9.47	3.76	1.56	1.55	1.55
3	7.90	7.87	3.14	1.55	1.54	1.54
3	6.30	6.28	2.51	1.54	1.53	1.53
3	4.72	4.70	1.88	1.52	1.51	1.51
3	3.14	3.12	1.25	1.51	1.50	1.50
3	1.56	1.56	0.63	1.50	1.49	1.49
3	0.00	0.00	0.00	1.49	1.48	1.48

		***** Stresses *****		***** Pore Pressures *****		
	XI	Total	Effective	Total	Static	Excess
Material	29.69	192.66	25.98	166.68	145.09	21.59
1	29.51	204.17	26.40	177.76	156.17	21.59
1	29.33	215.65	26.83	188.82	167.23	21.59
1	29.15	227.11	27.25	199.86	178.27	21.59
1	28.98	238.54	27.67	210.87	189.28	21.59
1	28.80	249.95	28.10	221.85	200.26	21.59
1	28.63	261.33	28.52	232.81	211.22	21.59
1	28.45	272.69	28.94	243.75	222.16	21.59
1	28.28	284.03	29.37	254.66	233.07	21.59
1	28.10	295.34	29.79	265.55	243.96	21.59
1	27.93	306.62	30.21	276.41	254.82	21.59
2	27.93	306.62	30.21	276.41	254.82	21.59
2	26.71	426.41	77.88	348.53	330.45	18.08
2	25.50	546.06	126.51	419.56	405.94	13.61
2	24.30	665.54	176.19	489.35	481.26	8.09
2	23.09	784.84	228.44	556.40	556.40	0.00
2	21.89	903.93	267.36	636.57	631.33	5.24
2	20.70	1022.81	296.14	726.67	706.05	20.62
2	19.50	1141.46	327.23	814.22	780.54	33.68
2	18.31	1259.86	361.68	898.17	854.78	43.39
2	17.13	1377.98	401.66	976.31	928.74	47.57
2	15.95	1495.77	445.82	1049.95	1002.38	47.57
2	15.95	1495.77	445.82	1049.95	1002.38	47.57
3	14.31	1659.83	507.68	1152.15	1104.58	47.57
3	12.68	1823.03	603.26	1219.77	1205.92	13.85
3						

3	11.07	1985.57	677.31	1308.26	1306.60	1.65
3	9.47	2147.58	740.82	1406.76	1406.76	0.00
3	7.87	2309.10	802.68	1506.42	1506.42	0.00
3	6.28	2470.13	864.54	1605.60	1605.60	0.00
3	4.70	2630.68	926.39	1704.29	1704.29	0.00
3	3.12	2790.75	988.25	1802.50	1802.50	0.00
3	1.56	2950.33	1046.95	1903.39	1900.22	3.16
3	0.00	3109.41	1106.11	2003.30	1997.44	5.85

Time = 1095. Degree of Consolidation = 56.%

Total Settlement = 0.308

Settlement at End of Primary Consolidation = 0.547

Settlement caused by Primary Consolidation at time 1095. = 0.308

Settlement caused by Secondary Compression at time 1095. = 0.000

*****Current Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
4	4.50	2.33	0.45	9.10	9.10	9.10
4	4.39	2.22	0.43	9.10	8.43	8.10
4	4.28	2.12	0.42	9.10	7.84	7.10
4	4.17	2.03	0.41	9.10	7.33	6.10
4	4.06	1.94	0.40	9.10	6.89	5.10
4	3.95	1.85	0.39	9.10	6.52	4.79
4	3.84	1.77	0.38	9.10	6.21	4.78

4	3.73	1.70	0.37	9.10	5.96	4.76
4	3.62	1.62	0.36	9.10	5.74	4.75
4	3.51	1.55	0.35	9.10	5.57	4.65
4	3.40	1.48	0.34	9.10	5.42	4.41
4	3.40	1.48	0.34	9.10	5.42	4.41
4	3.29	1.41	0.33	9.10	5.28	4.18
4	3.18	1.34	0.31	9.10	5.16	3.95
4	3.07	1.28	0.30	9.10	5.07	3.72
4	2.96	1.21	0.29	9.10	4.99	3.48
4	2.85	1.14	0.28	9.10	4.93	3.25
4	2.74	1.08	0.27	9.10	4.88	3.02
4	2.63	1.02	0.26	9.10	4.84	2.79
4	2.52	0.95	0.25	9.10	4.81	2.55
4	2.41	0.89	0.24	9.10	4.78	2.32
4	2.30	0.83	0.23	9.10	4.74	2.09
4	2.30	0.83	0.23	9.10	4.74	2.09
4	2.19	0.77	0.22	9.10	4.12	1.86
4	2.08	0.72	0.21	9.10	3.74	1.74
4	1.97	0.67	0.20	9.10	3.47	1.73
4	1.86	0.62	0.18	9.10	3.26	1.73
4	1.75	0.57	0.17	9.10	3.09	1.72
4	1.64	0.53	0.16	9.10	2.94	1.71
4	1.53	0.49	0.15	9.10	2.82	1.71
4	1.42	0.45	0.14	9.10	2.70	1.70
4	1.31	0.41	0.13	9.10	2.60	1.70
4	1.20	0.37	0.12	9.10	2.51	1.69
4	1.20	0.37	0.12	9.10	2.51	1.69

4	1.08	0.33	0.11	9.10	2.41	1.69
4	0.96	0.29	0.10	9.10	2.31	1.68
4	0.84	0.25	0.08	9.10	2.23	1.67
4	0.72	0.21	0.07	9.10	2.15	1.67
4	0.60	0.17	0.06	9.10	2.07	1.66
4	0.48	0.14	0.05	9.10	2.00	1.66
4	0.36	0.10	0.04	9.10	1.93	1.65
4	0.24	0.07	0.02	9.10	1.86	1.64
4	0.12	0.03	0.01	9.10	1.79	1.64
4	0.00	0.00	0.00	9.10	1.74	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.33	0.00	0.00	0.00	0.00	0.00
4	2.22	7.79	0.78	7.01	6.63	0.38
4	2.12	15.16	1.47	13.69	12.83	0.86
4	2.03	22.15	2.06	20.09	18.66	1.43
4	1.94	28.82	2.57	26.25	24.17	2.08
4	1.85	35.21	3.00	32.22	29.40	2.82
4	1.77	41.38	3.36	38.02	34.40	3.62
4	1.70	47.36	3.66	43.70	39.22	4.48
4	1.62	53.17	3.90	49.27	43.87	5.40
4	1.55	58.85	4.11	54.75	48.39	6.36
4	1.48	64.43	4.27	60.16	52.80	7.35
4	1.48	64.43	4.27	60.16	52.80	7.35
4	1.41	69.91	4.44	65.47	57.12	8.35
4	1.34	75.30	4.58	70.72	61.34	9.38

4	1.28	80.62	4.69	75.93	65.50	10.43
4	1.21	85.88	4.78	81.10	69.60	11.50
4	1.14	91.09	4.85	86.24	73.65	12.59
4	1.08	96.26	4.91	91.36	77.66	13.70
4	1.02	101.41	4.95	96.46	81.64	14.81
4	0.95	106.53	4.99	101.54	85.60	15.94
4	0.89	111.63	6.88	104.75	89.54	15.21
4	0.83	116.71	9.99	106.72	93.45	13.26
4	0.83	116.71	9.99	106.72	93.45	13.26
4	0.77	121.54	13.10	108.44	97.12	11.32
4	0.72	126.05	14.98	111.07	100.46	10.60
4	0.67	130.34	16.33	114.01	103.59	10.42
4	0.62	134.47	17.38	117.09	106.56	10.53
4	0.57	138.47	18.25	120.22	109.40	10.82
4	0.53	142.36	18.98	123.38	112.13	11.25
4	0.49	146.16	19.62	126.54	114.76	11.78
4	0.45	149.87	20.18	129.69	117.32	12.37
4	0.41	153.52	20.69	132.83	119.80	13.03
4	0.37	157.10	21.15	135.94	122.21	13.73
4	0.37	157.10	21.15	135.94	122.21	13.73
4	0.33	160.93	21.66	139.27	124.78	14.49
4	0.29	164.69	22.13	142.56	127.27	15.30
4	0.25	168.38	22.56	145.83	129.69	16.13
4	0.21	172.02	22.97	149.05	132.06	16.99
4	0.17	175.59	23.35	152.24	134.36	17.88
4	0.14	179.10	23.72	155.39	136.61	18.78
4	0.10	182.57	24.07	158.50	138.80	19.69

4	0.07	185.98	24.41	161.57	140.95	20.62
4	0.03	189.34	24.74	164.60	143.04	21.56
4	0.00	192.66	25.98	166.68	145.09	21.59

Time = 1095. Degree of Consolidation = 81.%

Total Settlement = 2.175

Settlement at End of Primary Consolidation = 2.693

Settlement caused by Primary Consolidation at time 1095. = 2.175

Settlement caused by Secondary Compression at time 1095. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.52

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.69	10.72	24.00	21.01	18.53
1	29.79	29.51	10.72	23.95	20.96	18.48
1	29.59	29.33	10.71	23.90	20.91	18.43
1	29.39	29.15	10.70	23.85	20.87	18.38
1	29.19	28.98	10.69	23.81	20.82	18.33
1	28.99	28.80	10.68	23.76	20.77	18.29
1	28.79	28.63	10.67	23.71	20.72	18.24
1	28.59	28.45	10.67	23.66	20.67	18.19
1	28.39	28.28	10.66	23.61	20.62	18.14
1	28.19	28.10	10.65	23.56	20.57	18.09

1	27.99	27.93	10.64	23.51	20.53	18.04
2	27.99	27.93	10.64	1.78	1.78	1.77
2	26.78	26.71	10.21	1.78	1.77	1.77
2	25.57	25.50	9.77	1.77	1.77	1.76
2	24.36	24.30	9.33	1.77	1.76	1.76
2	23.15	23.09	8.90	1.76	1.75	1.75
2	21.95	21.89	8.46	1.75	1.75	1.74
2	20.75	20.70	8.02	1.74	1.74	1.73
2	19.55	19.50	7.58	1.73	1.73	1.72
2	18.36	18.31	7.15	1.72	1.72	1.71
2	17.17	17.13	6.71	1.71	1.71	1.69
2	15.99	15.95	6.27	1.70	1.70	1.68
3	15.99	15.95	6.27	1.62	1.62	1.60
3	14.36	14.31	5.65	1.60	1.60	1.59
3	12.73	12.68	5.02	1.59	1.58	1.58
3	11.11	11.07	4.39	1.57	1.56	1.56
3	9.50	9.47	3.76	1.56	1.55	1.55
3	7.90	7.87	3.14	1.55	1.54	1.54
3	6.30	6.28	2.51	1.54	1.53	1.53
3	4.72	4.70	1.88	1.52	1.51	1.51
3	3.14	3.12	1.25	1.51	1.50	1.50
3	1.56	1.56	0.63	1.50	1.49	1.49
3	0.00	0.00	0.00	1.49	1.48	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.69	192.66	25.98	166.68	145.09	21.59

1	29.51	204.17	26.40	177.76	156.17	21.59
1	29.33	215.65	26.83	188.82	167.23	21.59
1	29.15	227.11	27.25	199.86	178.27	21.59
1	28.98	238.54	27.67	210.87	189.28	21.59
1	28.80	249.95	28.10	221.85	200.26	21.59
1	28.63	261.33	28.52	232.81	211.22	21.59
1	28.45	272.69	28.94	243.75	222.16	21.59
1	28.28	284.03	29.37	254.66	233.07	21.59
1	28.10	295.34	29.79	265.55	243.96	21.59
1	27.93	306.62	30.21	276.41	254.82	21.59
2	27.93	306.62	30.21	276.41	254.82	21.59
2	26.71	426.41	77.88	348.53	330.45	18.08
2	25.50	546.06	126.51	419.56	405.94	13.61
2	24.30	665.54	176.19	489.35	481.26	8.09
2	23.09	784.84	228.44	556.40	556.40	0.00
2	21.89	903.93	267.36	636.57	631.33	5.24
2	20.70	1022.81	296.14	726.67	706.05	20.62
2	19.50	1141.46	327.23	814.22	780.54	33.68
2	18.31	1259.86	361.68	898.17	854.78	43.39
2	17.13	1377.98	401.66	976.31	928.74	47.57
2	15.95	1495.77	445.82	1049.95	1002.38	47.57
2	15.95	1495.77	445.82	1049.95	1002.38	47.57
3	14.31	1659.83	507.68	1152.15	1104.58	47.57
3	12.68	1823.03	603.26	1219.77	1205.92	13.85
3	11.07	1985.57	677.31	1308.26	1306.60	1.65
3	9.47	2147.58	740.82	1406.76	1406.76	0.00
3	7.87	2309.10	802.68	1506.42	1506.42	0.00

3	6.28	2470.13	864.54	1605.60	1605.60	0.00
3	4.70	2630.68	926.39	1704.29	1704.29	0.00
3	3.12	2790.75	988.25	1802.50	1802.50	0.00
3	1.56	2950.33	1046.95	1903.39	1900.22	3.16
3	0.00	3109.41	1106.11	2003.30	1997.44	5.85

Time = 1825. Degree of Consolidation = 56.%

Total Settlement = 0.308

Settlement at End of Primary Consolidation = 0.547

Settlement caused by Primary Consolidation at time 1825. = 0.308

Settlement caused by Secondary Compression at time 1825. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.50	2.33	0.45	9.10	9.10	9.10
4	4.39	2.22	0.43	9.10	8.43	8.10
4	4.28	2.12	0.42	9.10	7.84	7.10
4	4.17	2.03	0.41	9.10	7.33	6.10
4	4.06	1.94	0.40	9.10	6.89	5.10
4	3.95	1.85	0.39	9.10	6.52	4.79
4	3.84	1.77	0.38	9.10	6.21	4.78
4	3.73	1.70	0.37	9.10	5.96	4.76
4	3.62	1.62	0.36	9.10	5.74	4.75
4	3.51	1.55	0.35	9.10	5.57	4.65

4	3.40	1.48	0.34	9.10	5.42	4.41
4	3.40	1.48	0.34	9.10	5.42	4.41
4	3.29	1.41	0.33	9.10	5.28	4.18
4	3.18	1.34	0.31	9.10	5.16	3.95
4	3.07	1.28	0.30	9.10	5.07	3.72
4	2.96	1.21	0.29	9.10	4.99	3.48
4	2.85	1.14	0.28	9.10	4.93	3.25
4	2.74	1.08	0.27	9.10	4.88	3.02
4	2.63	1.02	0.26	9.10	4.84	2.79
4	2.52	0.95	0.25	9.10	4.81	2.55
4	2.41	0.89	0.24	9.10	4.78	2.32
4	2.30	0.83	0.23	9.10	4.74	2.09
4	2.30	0.83	0.23	9.10	4.74	2.09
4	2.19	0.77	0.22	9.10	4.12	1.86
4	2.08	0.72	0.21	9.10	3.74	1.74
4	1.97	0.67	0.20	9.10	3.47	1.73
4	1.86	0.62	0.18	9.10	3.26	1.73
4	1.75	0.57	0.17	9.10	3.09	1.72
4	1.64	0.53	0.16	9.10	2.94	1.71
4	1.53	0.49	0.15	9.10	2.82	1.71
4	1.42	0.45	0.14	9.10	2.70	1.70
4	1.31	0.41	0.13	9.10	2.60	1.70
4	1.20	0.37	0.12	9.10	2.51	1.69
4	1.20	0.37	0.12	9.10	2.51	1.69
4	1.08	0.33	0.11	9.10	2.41	1.69
4	0.96	0.29	0.10	9.10	2.31	1.68
4	0.84	0.25	0.08	9.10	2.23	1.67

4	0.72	0.21	0.07	9.10	2.15	1.67
4	0.60	0.17	0.06	9.10	2.07	1.66
4	0.48	0.14	0.05	9.10	2.00	1.66
4	0.36	0.10	0.04	9.10	1.93	1.65
4	0.24	0.07	0.02	9.10	1.86	1.64
4	0.12	0.03	0.01	9.10	1.79	1.64
4	0.00	0.00	0.00	9.10	1.74	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.33	0.00	0.00	0.00	0.00	0.00
4	2.22	7.79	0.78	7.01	6.63	0.38
4	2.12	15.16	1.47	13.69	12.83	0.86
4	2.03	22.15	2.06	20.09	18.66	1.43
4	1.94	28.82	2.57	26.25	24.17	2.08
4	1.85	35.21	3.00	32.22	29.40	2.82
4	1.77	41.38	3.36	38.02	34.40	3.62
4	1.70	47.36	3.66	43.70	39.22	4.48
4	1.62	53.17	3.90	49.27	43.87	5.40
4	1.55	58.85	4.11	54.75	48.39	6.36
4	1.48	64.43	4.27	60.16	52.80	7.35
4	1.48	64.43	4.27	60.16	52.80	7.35
4	1.41	69.91	4.44	65.47	57.12	8.35
4	1.34	75.30	4.58	70.72	61.34	9.38
4	1.28	80.62	4.69	75.93	65.50	10.43
4	1.21	85.88	4.78	81.10	69.60	11.50
4	1.14	91.09	4.85	86.24	73.65	12.59

4	1.08	96.26	4.91	91.36	77.66	13.70
4	1.02	101.41	4.95	96.46	81.64	14.81
4	0.95	106.53	4.99	101.54	85.60	15.94
4	0.89	111.63	6.88	104.75	89.54	15.21
4	0.83	116.71	9.99	106.72	93.45	13.26
4	0.83	116.71	9.99	106.72	93.45	13.26
4	0.77	121.54	13.10	108.44	97.12	11.32
4	0.72	126.05	14.98	111.07	100.46	10.60
4	0.67	130.34	16.33	114.01	103.59	10.42
4	0.62	134.47	17.38	117.09	106.56	10.53
4	0.57	138.47	18.25	120.22	109.40	10.82
4	0.53	142.36	18.98	123.38	112.13	11.25
4	0.49	146.16	19.62	126.54	114.76	11.78
4	0.45	149.87	20.18	129.69	117.32	12.37
4	0.41	153.52	20.69	132.83	119.80	13.03
4	0.37	157.10	21.15	135.94	122.21	13.73
4	0.37	157.10	21.15	135.94	122.21	13.73
4	0.33	160.93	21.66	139.27	124.78	14.49
4	0.29	164.69	22.13	142.56	127.27	15.30
4	0.25	168.38	22.56	145.83	129.69	16.13
4	0.21	172.02	22.97	149.05	132.06	16.99
4	0.17	175.59	23.35	152.24	134.36	17.88
4	0.14	179.10	23.72	155.39	136.61	18.78
4	0.10	182.57	24.07	158.50	138.80	19.69
4	0.07	185.98	24.41	161.57	140.95	20.62
4	0.03	189.34	24.74	164.60	143.04	21.56
4	0.00	192.66	25.98	166.68	145.09	21.59

Time = 1825. Degree of Consolidation = 81.0%
 Total Settlement = 2.175
 Settlement at End of Primary Consolidation = 2.693
 Settlement caused by Primary Consolidation at time 1825. =
 2.175
 Settlement caused by Secondary Compression at time 1825. =
 0.000
 Settlement Due to Desiccation = 0.000
 Surface Elevation = 1.52

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.69	10.72	24.00	21.01	18.53
1	29.79	29.51	10.72	23.95	20.96	18.48
1	29.59	29.33	10.71	23.90	20.91	18.43
1	29.39	29.15	10.70	23.85	20.87	18.38
1	29.19	28.98	10.69	23.81	20.82	18.33
1	28.99	28.80	10.68	23.76	20.77	18.29
1	28.79	28.63	10.67	23.71	20.72	18.24
1	28.59	28.45	10.67	23.66	20.67	18.19
1	28.39	28.28	10.66	23.61	20.62	18.14
1	28.19	28.10	10.65	23.56	20.57	18.09
1	27.99	27.93	10.64	23.51	20.53	18.04
2	27.99	27.93	10.64	1.78	1.78	1.77
2	26.78	26.71	10.21	1.78	1.77	1.77

2	25.57	25.50	9.77	1.77	1.77	1.76
2	24.36	24.30	9.33	1.77	1.76	1.76
2	23.15	23.09	8.90	1.76	1.75	1.75
2	21.95	21.89	8.46	1.75	1.75	1.74
2	20.75	20.70	8.02	1.74	1.74	1.73
2	19.55	19.50	7.58	1.73	1.73	1.72
2	18.36	18.31	7.15	1.72	1.72	1.71
2	17.17	17.13	6.71	1.71	1.71	1.69
2	15.99	15.95	6.27	1.70	1.70	1.68
2	15.99	15.95	6.27	1.62	1.62	1.60
3	14.36	14.31	5.65	1.60	1.60	1.59
3	12.73	12.68	5.02	1.59	1.58	1.58
3	11.11	11.07	4.39	1.57	1.56	1.56
3	9.50	9.47	3.76	1.56	1.55	1.55
3	7.90	7.87	3.14	1.55	1.54	1.54
3	6.30	6.28	2.51	1.54	1.53	1.53
3	4.72	4.70	1.88	1.52	1.51	1.51
3	3.14	3.12	1.25	1.51	1.50	1.50
3	1.56	1.56	0.63	1.50	1.49	1.49
3	0.00	0.00	0.00	1.49	1.48	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.69	192.66	25.98	166.68	145.09	21.59
1	29.51	204.17	26.40	177.76	156.17	21.59
1	29.33	215.65	26.83	188.82	167.23	21.59
1	29.15	227.11	27.25	199.86	178.27	21.59

1	28.98	238.54	27.67	210.87	189.28	21.59
1	28.80	249.95	28.10	221.85	200.26	21.59
1	28.63	261.33	28.52	232.81	211.22	21.59
1	28.45	272.69	28.94	243.75	222.16	21.59
1	28.28	284.03	29.37	254.66	233.07	21.59
1	28.10	295.34	29.79	265.55	243.96	21.59
1	27.93	306.62	30.21	276.41	254.82	21.59
1	27.93	306.62	30.21	276.41	254.82	21.59
2	26.71	426.41	77.88	348.53	330.45	18.08
2	25.50	546.06	126.51	419.56	405.94	13.61
2	24.30	665.54	176.19	489.35	481.26	8.09
2	23.09	784.84	228.44	556.40	556.40	0.00
2	21.89	903.93	267.36	636.57	631.33	5.24
2	20.70	1022.81	296.14	726.67	706.05	20.62
2	19.50	1141.46	327.23	814.22	780.54	33.68
2	18.31	1259.86	361.68	898.17	854.78	43.39
2	17.13	1377.98	401.66	976.31	928.74	47.57
2	15.95	1495.77	445.82	1049.95	1002.38	47.57
2	15.95	1495.77	445.82	1049.95	1002.38	47.57
3	14.31	1659.83	507.68	1152.15	1104.58	47.57
3	12.68	1823.03	603.26	1219.77	1205.92	13.85
3	11.07	1985.57	677.31	1308.26	1306.60	1.65
3	9.47	2147.58	740.82	1406.76	1406.76	0.00
3	7.87	2309.10	802.68	1506.42	1506.42	0.00
3	6.28	2470.13	864.54	1605.60	1605.60	0.00
3	4.70	2630.68	926.39	1704.29	1704.29	0.00
3	3.12	2790.75	988.25	1802.50	1802.50	0.00

3	1.56	2950.33	1046.95	1903.39	1900.22	3.16
3	0.00	3109.41	1106.11	2003.30	1997.44	5.85

Time = 3650. Degree of Consolidation = 56.%

Total Settlement = 0.308

Settlement at End of Primary Consolidation = 0.547

Settlement caused by Primary Consolidation at time 3650. =
0.308

Settlement caused by Secondary Compression at time 3650. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.50	2.33	0.45	9.10	9.10	9.10
4	4.39	2.22	0.43	9.10	8.43	8.10
4	4.28	2.12	0.42	9.10	7.84	7.10
4	4.17	2.03	0.41	9.10	7.33	6.10
4	4.06	1.94	0.40	9.10	6.89	5.10
4	3.95	1.85	0.39	9.10	6.52	4.79
4	3.84	1.77	0.38	9.10	6.21	4.78
4	3.73	1.70	0.37	9.10	5.96	4.76
4	3.62	1.62	0.36	9.10	5.74	4.75
4	3.51	1.55	0.35	9.10	5.57	4.65
4	3.40	1.48	0.34	9.10	5.42	4.41
4	3.40	1.48	0.34	9.10	5.42	4.41
4	3.29	1.41	0.33	9.10	5.28	4.18

4	3.18	1.34	0.31	9.10	5.16	3.95
4	3.07	1.28	0.30	9.10	5.07	3.72
4	2.96	1.21	0.29	9.10	4.99	3.48
4	2.85	1.14	0.28	9.10	4.93	3.25
4	2.74	1.08	0.27	9.10	4.88	3.02
4	2.63	1.02	0.26	9.10	4.84	2.79
4	2.52	0.95	0.25	9.10	4.81	2.55
4	2.41	0.89	0.24	9.10	4.78	2.32
4	2.30	0.83	0.23	9.10	4.74	2.09
4	2.30	0.83	0.23	9.10	4.74	2.09
4	2.19	0.77	0.22	9.10	4.12	1.86
4	2.08	0.72	0.21	9.10	3.74	1.74
4	1.97	0.67	0.20	9.10	3.47	1.73
4	1.86	0.62	0.18	9.10	3.26	1.73
4	1.75	0.57	0.17	9.10	3.09	1.72
4	1.64	0.53	0.16	9.10	2.94	1.71
4	1.53	0.49	0.15	9.10	2.82	1.71
4	1.42	0.45	0.14	9.10	2.70	1.70
4	1.31	0.41	0.13	9.10	2.60	1.70
4	1.20	0.37	0.12	9.10	2.51	1.69
4	1.20	0.37	0.12	9.10	2.51	1.69
4	1.08	0.33	0.11	9.10	2.41	1.69
4	0.96	0.29	0.10	9.10	2.31	1.68
4	0.84	0.25	0.08	9.10	2.23	1.67
4	0.72	0.21	0.07	9.10	2.15	1.67
4	0.60	0.17	0.06	9.10	2.07	1.66
4	0.48	0.14	0.05	9.10	2.00	1.66

4	0.36	0.10	0.04	9.10	1.93	1.65
4	0.24	0.07	0.02	9.10	1.86	1.64
4	0.12	0.03	0.01	9.10	1.79	1.64
4	0.00	0.00	0.00	9.10	1.74	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.33	0.00	0.00	0.00	0.00	0.00
4	2.22	7.79	0.78	7.01	6.63	0.38
4	2.12	15.16	1.47	13.69	12.83	0.86
4	2.03	22.15	2.06	20.09	18.66	1.43
4	1.94	28.82	2.57	26.25	24.17	2.08
4	1.85	35.21	3.00	32.22	29.40	2.82
4	1.77	41.38	3.36	38.02	34.40	3.62
4	1.70	47.36	3.66	43.70	39.22	4.48
4	1.62	53.17	3.90	49.27	43.87	5.40
4	1.55	58.85	4.11	54.75	48.39	6.36
4	1.48	64.43	4.27	60.16	52.80	7.35
4	1.48	64.43	4.27	60.16	52.80	7.35
4	1.41	69.91	4.44	65.47	57.12	8.35
4	1.34	75.30	4.58	70.72	61.34	9.38
4	1.28	80.62	4.69	75.93	65.50	10.43
4	1.21	85.88	4.78	81.10	69.60	11.50
4	1.14	91.09	4.85	86.24	73.65	12.59
4	1.08	96.26	4.91	91.36	77.66	13.70
4	1.02	101.41	4.95	96.46	81.64	14.81
4	0.95	106.53	4.99	101.54	85.60	15.94

4	0.89	111.63	6.88	104.75	89.54	15.21
4	0.83	116.71	9.99	106.72	93.45	13.26
4	0.83	116.71	9.99	106.72	93.45	13.26
4	0.77	121.54	13.10	108.44	97.12	11.32
4	0.72	126.05	14.98	111.07	100.46	10.60
4	0.67	130.34	16.33	114.01	103.59	10.42
4	0.62	134.47	17.38	117.09	106.56	10.53
4	0.57	138.47	18.25	120.22	109.40	10.82
4	0.53	142.36	18.98	123.38	112.13	11.25
4	0.49	146.16	19.62	126.54	114.76	11.78
4	0.45	149.87	20.18	129.69	117.32	12.37
4	0.41	153.52	20.69	132.83	119.80	13.03
4	0.37	157.10	21.15	135.94	122.21	13.73
4	0.37	157.10	21.15	135.94	122.21	13.73
4	0.33	160.93	21.66	139.27	124.78	14.49
4	0.29	164.69	22.13	142.56	127.27	15.30
4	0.25	168.38	22.56	145.83	129.69	16.13
4	0.21	172.02	22.97	149.05	132.06	16.99
4	0.17	175.59	23.35	152.24	134.36	17.88
4	0.14	179.10	23.72	155.39	136.61	18.78
4	0.10	182.57	24.07	158.50	138.80	19.69
4	0.07	185.98	24.41	161.57	140.95	20.62
4	0.03	189.34	24.74	164.60	143.04	21.56
4	0.00	192.66	25.98	166.68	145.09	21.59

Time = 3650. Degree of Consolidation = 81.%

Total Settlement = 2.175

Settlement at End of Primary Consolidation = 2.693

Settlement caused by Primary Consolidation at time 3650. =
2.175

Settlement caused by Secondary Compression at time 3650. =
0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.52

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.69	10.72	24.00	21.01	18.53
1	29.79	29.51	10.72	23.95	20.96	18.48
1	29.59	29.33	10.71	23.90	20.91	18.43
1	29.39	29.15	10.70	23.85	20.87	18.38
1	29.19	28.98	10.69	23.81	20.82	18.33
1	28.99	28.80	10.68	23.76	20.77	18.29
1	28.79	28.63	10.67	23.71	20.72	18.24
1	28.59	28.45	10.67	23.66	20.67	18.19
1	28.39	28.28	10.66	23.61	20.62	18.14
1	28.19	28.10	10.65	23.56	20.57	18.09
1	27.99	27.93	10.64	23.51	20.53	18.04
2	27.99	27.93	10.64	1.78	1.78	1.77
2	26.78	26.71	10.21	1.78	1.77	1.77
2	25.57	25.50	9.77	1.77	1.77	1.76
2	24.36	24.30	9.33	1.77	1.76	1.76
2	23.15	23.09	8.90	1.76	1.75	1.75

2	21.95	21.89	8.46	1.75	1.75	1.74
2	20.75	20.70	8.02	1.74	1.74	1.73
2	19.55	19.50	7.58	1.73	1.73	1.72
2	18.36	18.31	7.15	1.72	1.72	1.71
2	17.17	17.13	6.71	1.71	1.71	1.69
2	15.99	15.95	6.27	1.70	1.70	1.68
2	15.99	15.95	6.27	1.62	1.62	1.60
3	14.36	14.31	5.65	1.60	1.60	1.59
3	12.73	12.68	5.02	1.59	1.58	1.58
3	11.11	11.07	4.39	1.57	1.56	1.56
3	9.50	9.47	3.76	1.56	1.55	1.55
3	7.90	7.87	3.14	1.55	1.54	1.54
3	6.30	6.28	2.51	1.54	1.53	1.53
3	4.72	4.70	1.88	1.52	1.51	1.51
3	3.14	3.12	1.25	1.51	1.50	1.50
3	1.56	1.56	0.63	1.50	1.49	1.49
3	0.00	0.00	0.00	1.49	1.48	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.69	192.66	25.98	166.68	145.09	21.59
1	29.51	204.17	26.40	177.76	156.17	21.59
1	29.33	215.65	26.83	188.82	167.23	21.59
1	29.15	227.11	27.25	199.86	178.27	21.59
1	28.98	238.54	27.67	210.87	189.28	21.59
1	28.80	249.95	28.10	221.85	200.26	21.59
1	28.63	261.33	28.52	232.81	211.22	21.59

1	28.45	272.69	28.94	243.75	222.16	21.59
1	28.28	284.03	29.37	254.66	233.07	21.59
1	28.10	295.34	29.79	265.55	243.96	21.59
1	27.93	306.62	30.21	276.41	254.82	21.59
1	27.93	306.62	30.21	276.41	254.82	21.59
2	26.71	426.41	77.88	348.53	330.45	18.08
2	25.50	546.06	126.51	419.56	405.94	13.61
2	24.30	665.54	176.19	489.35	481.26	8.09
2	23.09	784.84	228.44	556.40	556.40	0.00
2	21.89	903.93	267.36	636.57	631.33	5.24
2	20.70	1022.81	296.14	726.67	706.05	20.62
2	19.50	1141.46	327.23	814.22	780.54	33.68
2	18.31	1259.86	361.68	898.17	854.78	43.39
2	17.13	1377.98	401.66	976.31	928.74	47.57
2	15.95	1495.77	445.82	1049.95	1002.38	47.57
2	15.95	1495.77	445.82	1049.95	1002.38	47.57
3	14.31	1659.83	507.68	1152.15	1104.58	47.57
3	12.68	1823.03	603.26	1219.77	1205.92	13.85
3	11.07	1985.57	677.31	1308.26	1306.60	1.65
3	9.47	2147.58	740.82	1406.76	1406.76	0.00
3	7.87	2309.10	802.68	1506.42	1506.42	0.00
3	6.28	2470.13	864.54	1605.60	1605.60	0.00
3	4.70	2630.68	926.39	1704.29	1704.29	0.00
3	3.12	2790.75	988.25	1802.50	1802.50	0.00
3	1.56	2950.33	1046.95	1903.39	1900.22	3.16
3	0.00	3109.41	1106.11	2003.30	1997.44	5.85

Time = 7300. Degree of Consolidation = 56.%

Total Settlement = 0.308

Settlement at End of Primary Consolidation = 0.547

Settlement caused by Primary Consolidation at time 7300. =
0.308

Settlement caused by Secondary Compression at time 7300. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	4.50	2.33	0.45	9.10	9.10	9.10
4	4.39	2.22	0.43	9.10	8.43	8.10
4	4.28	2.12	0.42	9.10	7.84	7.10
4	4.17	2.03	0.41	9.10	7.33	6.10
4	4.06	1.94	0.40	9.10	6.89	5.10
4	3.95	1.85	0.39	9.10	6.52	4.79
4	3.84	1.77	0.38	9.10	6.21	4.78
4	3.73	1.70	0.37	9.10	5.96	4.76
4	3.62	1.62	0.36	9.10	5.74	4.75
4	3.51	1.55	0.35	9.10	5.57	4.65
4	3.40	1.48	0.34	9.10	5.42	4.41
4	3.40	1.48	0.34	9.10	5.42	4.41
4	3.29	1.41	0.33	9.10	5.28	4.18
4	3.18	1.34	0.31	9.10	5.16	3.95
4	3.07	1.28	0.30	9.10	5.07	3.72
4	2.96	1.21	0.29	9.10	4.99	3.48

4	2.85	1.14	0.28	9.10	4.93	3.25
4	2.74	1.08	0.27	9.10	4.88	3.02
4	2.63	1.02	0.26	9.10	4.84	2.79
4	2.52	0.95	0.25	9.10	4.81	2.55
4	2.41	0.89	0.24	9.10	4.78	2.32
4	2.30	0.83	0.23	9.10	4.74	2.09
4	2.30	0.83	0.23	9.10	4.74	2.09
4	2.19	0.77	0.22	9.10	4.12	1.86
4	2.08	0.72	0.21	9.10	3.74	1.74
4	1.97	0.67	0.20	9.10	3.47	1.73
4	1.86	0.62	0.18	9.10	3.26	1.73
4	1.75	0.57	0.17	9.10	3.09	1.72
4	1.64	0.53	0.16	9.10	2.94	1.71
4	1.53	0.49	0.15	9.10	2.82	1.71
4	1.42	0.45	0.14	9.10	2.70	1.70
4	1.31	0.41	0.13	9.10	2.60	1.70
4	1.20	0.37	0.12	9.10	2.51	1.69
4	1.20	0.37	0.12	9.10	2.51	1.69
4	1.08	0.33	0.11	9.10	2.41	1.69
4	0.96	0.29	0.10	9.10	2.31	1.68
4	0.84	0.25	0.08	9.10	2.23	1.67
4	0.72	0.21	0.07	9.10	2.15	1.67
4	0.60	0.17	0.06	9.10	2.07	1.66
4	0.48	0.14	0.05	9.10	2.00	1.66
4	0.36	0.10	0.04	9.10	1.93	1.65
4	0.24	0.07	0.02	9.10	1.86	1.64
4	0.12	0.03	0.01	9.10	1.79	1.64

4	0.00	0.00	0.00	9.10	1.74	1.63
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***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.33	0.00	0.00	0.00	0.00	0.00
4	2.22	7.79	0.78	7.01	6.63	0.38
4	2.12	15.16	1.47	13.69	12.83	0.86
4	2.03	22.15	2.06	20.09	18.66	1.43
4	1.94	28.82	2.57	26.25	24.17	2.08
4	1.85	35.21	3.00	32.22	29.40	2.82
4	1.77	41.38	3.36	38.02	34.40	3.62
4	1.70	47.36	3.66	43.70	39.22	4.48
4	1.62	53.17	3.90	49.27	43.87	5.40
4	1.55	58.85	4.11	54.75	48.39	6.36
4	1.48	64.43	4.27	60.16	52.80	7.35
4	1.48	64.43	4.27	60.16	52.80	7.35
4	1.41	69.91	4.44	65.47	57.12	8.35
4	1.34	75.30	4.58	70.72	61.34	9.38
4	1.28	80.62	4.69	75.93	65.50	10.43
4	1.21	85.88	4.78	81.10	69.60	11.50
4	1.14	91.09	4.85	86.24	73.65	12.59
4	1.08	96.26	4.91	91.36	77.66	13.70
4	1.02	101.41	4.95	96.46	81.64	14.81
4	0.95	106.53	4.99	101.54	85.60	15.94
4	0.89	111.63	6.88	104.75	89.54	15.21
4	0.83	116.71	9.99	106.72	93.45	13.26
4	0.83	116.71	9.99	106.72	93.45	13.26

4	0.77	121.54	13.10	108.44	97.12	11.32
4	0.72	126.05	14.98	111.07	100.46	10.60
4	0.67	130.34	16.33	114.01	103.59	10.42
4	0.62	134.47	17.38	117.09	106.56	10.53
4	0.57	138.47	18.25	120.22	109.40	10.82
4	0.53	142.36	18.98	123.38	112.13	11.25
4	0.49	146.16	19.62	126.54	114.76	11.78
4	0.45	149.87	20.18	129.69	117.32	12.37
4	0.41	153.52	20.69	132.83	119.80	13.03
4	0.37	157.10	21.15	135.94	122.21	13.73
4	0.37	157.10	21.15	135.94	122.21	13.73
4	0.33	160.93	21.66	139.27	124.78	14.49
4	0.29	164.69	22.13	142.56	127.27	15.30
4	0.25	168.38	22.56	145.83	129.69	16.13
4	0.21	172.02	22.97	149.05	132.06	16.99
4	0.17	175.59	23.35	152.24	134.36	17.88
4	0.14	179.10	23.72	155.39	136.61	18.78
4	0.10	182.57	24.07	158.50	138.80	19.69
4	0.07	185.98	24.41	161.57	140.95	20.62
4	0.03	189.34	24.74	164.60	143.04	21.56
4	0.00	192.66	25.98	166.68	145.09	21.59

Time = 7300. Degree of Consolidation = 81.%

Total Settlement = 2.175

Settlement at End of Primary Consolidation = 2.693

Settlement caused by Primary Consolidation at time 7300. =
2.175

Settlement caused by Secondary Compression at time 7300. =
0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.52

 Consolidation and desiccation of soft layers---dredged fill

Problem Breton MCA 2&3- 5.0 FILL

*****Soil data for compressible foundation*****

Material Type	Layer Thickness	Numbers of Sub-layers	Ca/Cc	Cr/Cc	OCR
3	16.00	10	0.098	0.766	1.000
2	12.00	10	0.026	0.199	1.000
1	2.00	10	0.018	0.092	1.000

Material type : 3

Specific Gravity of Solids: 2.58

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	1.800	0.000E	0.174E-03	0.621E-04	-0.227E-04	-0.167E0.104E	
2	1.740	0.100E	0.174E-03	0.635E-04	0.256E-03	-0.278E0.176E	
3	1.710	0.250E	0.106E-03	0.391E-04	0.138E-03	-0.286E0.112E	
4	1.600	0.500E	0.115E-03	0.442E-04	-0.579E-03	-0.357E0.158E	
5	1.500	0.100E	0.402E-03	0.161E-03	-0.102E-03	-0.469E0.754E	
6	1.280	0.200E	0.175E-03	0.768E-04	0.382E-03	-0.455E0.349E	

Material type : 2

Specific Gravity of Solids: 2.62

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	1.780	0.000E	0.298E-03	0.107E-03	-0.387E-04	-0.100E0.107E	
2	1.770	0.100E	0.298E-03	0.108E-03	-0.334E-02	-0.833E0.897E	
3	1.750	0.250E	0.570E-03	0.207E-03	0.821E-03	-0.444E0.921E	
4	1.680	0.500E	0.904E-04	0.337E-04	0.721E-03	-0.375E0.126E	

5 1.550 0.100E 0.161E-03 0.631E-04-0.286E-04-0.375E0.237E
 6 1.280 0.200E 0.103E-03 0.452E-04 0.665E-04-0.370E0.167E

Material type : 1

Specific Gravity of Solids: 1.84

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	24.000	0.000E	0.100E	0.400E-01	0.344E-02	-0.870E0.348E	
2	12.500	0.100E	0.655E-02	0.485E-03	0.288E-02	-0.181E0.879E-02	
3	10.200	0.250E	0.299E-02	0.267E-03	0.950E-04	-0.840E0.224E-01	
4	7.740	0.500E	0.288E-03	0.330E-04	0.699E-04	-0.209E0.688E-02	
5	6.610	0.100E	0.123E-03	0.162E-04	0.934E-05	-0.581E0.940E-02	
6	5.160	0.200E	0.545E-04	0.885E-05	0.505E-05	-0.690E0.610E-02	

*****Soil data for dredged fill*****

Material Type	Specific Gravity	Ca/Cc	Cr/Cc	Saturation Limit	Disiccation Limit	Max. Crust Depth	Crust at DL
4	2.711	0.011	0.048	4.041	2.154	0.321	0.420

Material type : 4

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	9.100	0.000E	0.100E	0.990E-02	0.113E-02	-0.116E0.115E-01	
2	4.800	0.500E	0.292E-01	0.503E-02	0.215E-02	-0.229E0.115E-01	
3	4.740	0.100E	0.300E-02	0.523E-03	0.141E-02	-0.654E0.342E-02	
4	1.740	0.250E	0.198E-02	0.723E-03	0.611E-04	-0.128E0.926E-02	
5	1.620	0.500E	0.870E-03	0.332E-03	0.133E-02	-0.208E0.692E-01	
6	1.380	0.100E	0.577E-03	0.242E-03	-0.965E-05	-0.333E0.808E-01	
7	1.170	0.200E	0.730E-03	0.336E-03	0.366E-04	-0.750E0.252E	
8	0.980	0.400E	0.451E-03	0.228E-03	0.572E-03	-0.105E0.240E	

Summary of lifts and print detail

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Time	Material	Fill	# Sub-	Void	Start	Dessic.	Print
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days	Type	Height	layers	ratio	Day	Month	detail
0.	4	1.0	10	9.10	30.	4	1
9.	4	1.0	10	9.10	180.	4	1
18.	4	1.0	10	9.10	180.	4	1
27.	4	1.0	10	9.10	180.	4	1
36.	4	1.0	10	9.10	180.	4	1
45.					180.	4	1
60.					180.	4	1
75.					180.	4	1
120.					180.	4	1
180.					180.	4	1
240.					180.	4	1
365.					180.	4	1
730.					180.	4	1
1825.					180.	4	1
3650.					180.	4	1
7300.					180.	4	1

Summary of monthly rainfall and evaporation potential

Month	Rainfall	Evaporation
1	0.160	0.190
2	0.230	0.210
3	0.180	0.320
4	0.410	0.430
5	0.290	0.520
6	0.260	0.630
7	0.830	0.600
8	1.250	0.580
9	0.160	0.510
10	0.660	0.380
11	0.150	0.240
12	0.080	0.190

*****Calculation data*****

tau	Lower layer Void ratio	Lower layer Permeability	drainage path Length
.579E-02	1.280	0.17500E-03	z = 13.16

Summary of desiccation parameters

Parameter	Value
Surface Drainage Efficiency	1.00
maximum evaporation efficiency	0.75
time to desic. after initial fill	30.00
month of initial desiccation	4
elevation of fixed water table	1.00
elevation of top of incompres. found.	-30.50

*****Initial Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.99	10.72	24.00	24.00	22.78
1	29.79	29.79	10.72	23.95	23.95	22.74
1	29.59	29.59	10.71	23.90	23.90	22.69
1	29.39	29.39	10.70	23.85	23.85	22.64
1	29.19	29.19	10.69	23.81	23.81	22.59
1	28.99	28.99	10.68	23.76	23.76	22.54
1	28.79	28.79	10.67	23.71	23.71	22.49
1	28.59	28.59	10.67	23.66	23.66	22.44

1	28.39	28.39	10.66	23.61	23.61	22.39
1	28.19	28.19	10.65	23.56	23.56	22.35
1	27.99	27.99	10.64	23.51	23.51	22.30
2	27.99	27.99	10.64	1.78	1.78	1.78
2	26.78	26.78	10.21	1.78	1.78	1.77
2	25.57	25.57	9.77	1.77	1.77	1.77
2	24.36	24.36	9.33	1.77	1.77	1.76
2	23.15	23.15	8.90	1.76	1.76	1.76
2	21.95	21.95	8.46	1.75	1.75	1.75
2	20.75	20.75	8.02	1.74	1.74	1.74
2	19.55	19.55	7.58	1.73	1.73	1.73
2	18.36	18.36	7.15	1.72	1.72	1.72
2	17.17	17.17	6.71	1.71	1.71	1.70
2	15.99	15.99	6.27	1.70	1.70	1.69
3	15.99	15.99	6.27	1.62	1.62	1.62
3	14.36	14.36	5.65	1.60	1.60	1.60
3	12.73	12.73	5.02	1.59	1.59	1.58
3	11.11	11.11	4.39	1.57	1.57	1.57
3	9.50	9.50	3.76	1.56	1.56	1.56
3	7.90	7.90	3.14	1.55	1.55	1.55
3	6.30	6.30	2.51	1.54	1.54	1.53
3	4.72	4.72	1.88	1.52	1.52	1.52
3	3.14	3.14	1.25	1.51	1.51	1.51
3	1.56	1.56	0.63	1.50	1.50	1.50
3	0.00	0.00	0.00	1.49	1.49	1.48

***** Stresses *****

***** Pore Pressures *****

	XI	Total	Effective	Total	Static	Excess
Material	29.99	104.17	0.00	104.17	93.60	10.57
1	29.79	117.18	0.42	116.76	106.19	10.57
1	29.59	130.17	0.85	129.32	118.75	10.57
1	29.39	143.14	1.27	141.86	131.29	10.57
1	29.19	156.07	1.69	154.38	143.81	10.57
1	28.99	168.99	2.12	166.87	156.30	10.57
1	28.79	181.88	2.54	179.34	168.77	10.57
1	28.59	194.74	2.96	191.78	181.21	10.57
1	28.39	207.58	3.39	204.20	193.63	10.57
1	28.19	220.40	3.81	216.59	206.02	10.57
1	27.99	233.19	4.23	228.96	218.39	10.57
1	27.99	233.19	4.23	228.96	218.39	10.57
2	26.78	353.05	48.39	304.66	294.09	10.57
2	25.57	472.80	92.55	380.25	369.68	10.57
2	24.36	592.42	136.71	455.71	445.13	10.57
2	23.15	711.86	180.87	530.99	520.42	10.57
2	21.95	831.15	225.03	606.13	595.56	10.57
2	20.75	950.26	269.19	681.07	670.50	10.57
2	19.55	1069.06	313.34	755.72	745.15	10.57
2	18.36	1187.53	357.50	830.03	819.46	10.57
2	17.17	1305.66	401.66	904.00	893.43	10.57
2	15.99	1423.45	445.82	977.63	967.06	10.57
2	15.99	1423.45	445.82	977.63	967.06	10.57
3	14.36	1587.45	507.68	1079.78	1069.20	10.57
3	12.73	1750.80	569.54	1181.26	1170.69	10.57
3	11.11	1913.66	631.39	1282.27	1271.70	10.57
3						

3	9.50	2076.04	693.25	1382.79	1372.22	10.57
3	7.90	2237.93	755.11	1482.82	1472.25	10.57
3	6.30	2399.34	816.97	1582.37	1571.80	10.57
3	4.72	2560.27	878.82	1681.44	1670.87	10.57
3	3.14	2720.71	940.68	1780.02	1769.45	10.57
3	1.56	2880.66	1002.54	1878.12	1867.55	10.57
3	0.00	3040.11	1064.40	1975.72	1965.15	10.57

Time = 0. Degree of Consolidation = 0.%

Total Settlement = 0.000

Settlement at End of Primary Consolidation = 0.121

Settlement caused by Primary Consolidation at time 0. = 0.000

Settlement caused by Secondary Compression at time 0. = 0.000

*****Initial Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
4	1.00	1.00	0.10	9.10	9.10	9.10
4	0.90	0.90	0.09	9.10	9.10	8.19
4	0.80	0.80	0.08	9.10	9.10	7.28
4	0.70	0.70	0.07	9.10	9.10	6.37
4	0.60	0.60	0.06	9.10	9.10	5.46
4	0.50	0.50	0.05	9.10	9.10	4.80
4	0.40	0.40	0.04	9.10	9.10	4.78
4	0.30	0.30	0.03	9.10	9.10	4.77

4	0.20	0.20	0.02	9.10	9.10	4.76
4	0.10	0.10	0.01	9.10	9.10	4.75
4	0.00	0.00	0.00	9.10	9.10	4.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	1.00	31.20	0.00	31.20	31.20	0.00
4	0.90	38.50	0.00	38.50	37.44	1.06
4	0.80	45.79	0.00	45.79	43.68	2.11
4	0.70	53.09	0.00	53.09	49.92	3.17
4	0.60	60.39	0.00	60.39	56.16	4.23
4	0.50	67.69	0.00	67.69	62.40	5.29
4	0.40	74.98	0.00	74.98	68.64	6.34
4	0.30	82.28	0.00	82.28	74.88	7.40
4	0.20	89.58	0.00	89.58	81.12	8.46
4	0.10	96.87	0.00	96.87	87.36	9.51
4	0.00	104.17	0.00	104.17	93.60	10.57

Time = 0. Degree of Consolidation = 0.%

Total Settlement = 0.000

Settlement at End of Primary Consolidation = 0.327

Settlement caused by Primary Consolidation at time 0. = 0.000

Settlement caused by Secondary Compression at time 0. = 0.000

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****

***** Void Ratios *****

	A	XI	Z	Einitial	E	Eeop
Material	29.99	29.95	10.72	24.00	23.48	22.78
1	29.79	29.75	10.72	23.95	23.44	22.74
1	29.59	29.55	10.71	23.90	23.39	22.69
1	29.39	29.36	10.70	23.85	23.35	22.64
1	29.19	29.16	10.69	23.81	23.30	22.59
1	28.99	28.97	10.68	23.76	23.25	22.54
1	28.79	28.77	10.67	23.71	23.21	22.49
1	28.59	28.57	10.67	23.66	23.16	22.44
1	28.39	28.38	10.66	23.61	23.11	22.39
1	28.19	28.18	10.65	23.56	23.07	22.35
1	27.99	27.99	10.64	23.51	23.02	22.30
2	27.99	27.99	10.64	1.78	1.78	1.78
2	26.78	26.78	10.21	1.78	1.78	1.77
2	25.57	25.57	9.77	1.77	1.77	1.77
2	24.36	24.36	9.33	1.77	1.77	1.76
2	23.15	23.15	8.90	1.76	1.76	1.76
2	21.95	21.95	8.46	1.75	1.75	1.75
2	20.75	20.75	8.02	1.74	1.74	1.74
2	19.55	19.55	7.58	1.73	1.73	1.73
2	18.36	18.36	7.15	1.72	1.72	1.72
2	17.17	17.17	6.71	1.71	1.71	1.70
2	15.99	15.99	6.27	1.70	1.70	1.69
2	15.99	15.99	6.27	1.62	1.62	1.62
3	14.36	14.36	5.65	1.60	1.60	1.60
3	12.73	12.73	5.02	1.59	1.59	1.58
3						

3	11.11	11.11	4.39	1.57	1.57	1.57
3	9.50	9.50	3.76	1.56	1.56	1.56
3	7.90	7.90	3.14	1.55	1.55	1.55
3	6.30	6.30	2.51	1.54	1.54	1.53
3	4.72	4.72	1.88	1.52	1.52	1.52
3	3.14	3.14	1.25	1.51	1.51	1.51
3	1.56	1.56	0.63	1.50	1.50	1.50
3	0.00	0.00	0.00	1.49	1.49	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.95	106.88	4.52	102.36	96.31	6.06
1	29.75	119.63	4.90	114.73	108.63	6.09
1	29.55	132.36	5.29	127.07	120.94	6.13
1	29.36	145.07	5.68	139.38	133.22	6.16
1	29.16	157.75	6.08	151.67	145.48	6.18
1	28.97	170.41	6.48	163.93	157.72	6.21
1	28.77	183.05	6.89	176.16	169.94	6.22
1	28.57	195.66	7.30	188.37	182.13	6.24
1	28.38	208.25	7.71	200.54	194.29	6.25
1	28.18	220.82	8.13	212.69	206.44	6.26
1	27.99	233.36	8.55	224.81	218.55	6.26
2	27.99	233.36	8.55	224.81	218.55	6.26
2	26.78	353.22	48.39	304.83	294.25	10.57
2	25.57	472.96	93.41	379.56	369.84	9.71
2	24.36	592.57	136.71	455.86	445.29	10.57
2	23.15	712.02	182.67	529.35	520.58	8.77

2	21.95	831.29	235.45	595.85	595.69	0.15
2	20.75	950.35	274.11	676.24	670.59	5.64
2	19.55	1069.14	313.34	755.80	745.23	10.57
2	18.36	1187.61	357.50	830.11	819.54	10.57
2	17.17	1305.74	401.66	904.08	893.51	10.57
2	15.99	1423.53	445.82	977.71	967.14	10.57
2	15.99	1423.53	445.82	977.71	967.14	10.57
3	14.36	1587.54	507.68	1079.86	1069.29	10.57
3	12.73	1750.88	570.46	1180.42	1170.77	9.64
3	11.11	1913.73	632.43	1281.30	1271.77	9.53
3	9.50	2076.10	694.37	1381.73	1372.28	9.45
3	7.90	2237.99	756.31	1481.67	1472.31	9.37
3	6.30	2399.38	818.25	1581.13	1571.85	9.28
3	4.72	2560.30	880.20	1680.10	1670.90	9.20
3	3.14	2720.73	942.17	1778.56	1769.47	9.08
3	1.56	2880.67	1004.10	1876.57	1867.56	9.01
3	0.00	3040.11	1064.40	1975.72	1965.15	10.57

Time = 9. Degree of Consolidation = 36.%

Total Settlement = 0.043

Settlement at End of Primary Consolidation = 0.121

Settlement caused by Primary Consolidation at time 9. = 0.043

Settlement caused by Secondary Compression at time 9. = 0.000

*****Current Conditions in Dredged Fill*****

***** Coordinates *****			***** Void Ratios *****			
	A	XI	Z	Einitial	E	Eeop
Material	1.00	0.85	0.10	9.10	9.10	9.10
4	0.90	0.75	0.09	9.10	8.88	8.19
4	0.80	0.65	0.08	9.10	8.66	7.28
4	0.70	0.56	0.07	9.10	8.42	6.37
4	0.60	0.47	0.06	9.10	8.13	5.46
4	0.50	0.38	0.05	9.10	7.80	4.80
4	0.40	0.29	0.04	9.10	7.40	4.78
4	0.30	0.21	0.03	9.10	6.94	4.77
4	0.20	0.14	0.02	9.10	6.41	4.76
4	0.10	0.06	0.01	9.10	5.84	4.75
4	0.00	0.00	0.00	9.10	5.22	4.63

***** Stresses *****			***** Pore Pressures *****			
	XI	Total	Effective	Total	Static	Excess
Material	0.85	43.38	0.00	43.38	43.38	0.00
4	0.75	50.60	0.25	50.35	49.55	0.80
4	0.65	57.70	0.51	57.19	55.59	1.60
4	0.56	64.65	0.79	63.86	61.48	2.38
4	0.47	71.44	1.12	70.32	67.21	3.11
4	0.38	78.04	1.51	76.53	72.76	3.77
4	0.29	84.41	1.98	82.44	78.07	4.37
4	0.21	90.52	2.51	88.01	83.12	4.89
4	0.14	96.32	3.12	93.20	87.87	5.33
4	0.06	101.79	3.80	97.99	92.27	5.72
4	0.00	106.88	4.52	102.36	96.31	6.06

Time = 9. Degree of Consolidation = 46.6%
 Total Settlement = 0.152
 Settlement at End of Primary Consolidation = 0.327
 Settlement caused by Primary Consolidation at time 9. = 0.152
 Settlement caused by Secondary Compression at time 9. = 0.000
 Surface Elevation = 0.30

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.93	10.72	24.00	23.34	21.57
1	29.79	29.74	10.72	23.95	23.29	21.52
1	29.59	29.54	10.71	23.90	23.24	21.47
1	29.39	29.35	10.70	23.85	23.20	21.42
1	29.19	29.15	10.69	23.81	23.15	21.37
1	28.99	28.96	10.68	23.76	23.10	21.33
1	28.79	28.76	10.67	23.71	23.05	21.28
1	28.59	28.57	10.67	23.66	23.00	21.23
1	28.39	28.37	10.66	23.61	22.95	21.18
1	28.19	28.18	10.65	23.56	22.90	21.13
1	27.99	27.99	10.64	23.51	22.86	21.08
2	27.99	27.99	10.64	1.78	1.78	1.78
2	26.78	26.77	10.21	1.78	1.78	1.77
2	25.57	25.56	9.77	1.77	1.77	1.77

2	24.36	24.35	9.33	1.77	1.77	1.76
2	23.15	23.15	8.90	1.76	1.76	1.76
2	21.95	21.94	8.46	1.75	1.75	1.75
2	20.75	20.74	8.02	1.74	1.74	1.74
2	19.55	19.55	7.58	1.73	1.73	1.73
2	18.36	18.36	7.15	1.72	1.72	1.71
2	17.17	17.17	6.71	1.71	1.71	1.70
2	15.99	15.99	6.27	1.70	1.70	1.69
3	15.99	15.99	6.27	1.62	1.62	1.61
3	14.36	14.36	5.65	1.60	1.60	1.59
3	12.73	12.73	5.02	1.59	1.59	1.58
3	11.11	11.11	4.39	1.57	1.57	1.57
3	9.50	9.50	3.76	1.56	1.56	1.56
3	7.90	7.90	3.14	1.55	1.55	1.54
3	6.30	6.30	2.51	1.54	1.54	1.53
3	4.72	4.71	1.88	1.52	1.52	1.52
3	3.14	3.14	1.25	1.51	1.51	1.51
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.49	1.48

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.93	125.52	5.74	119.78	104.38	15.40
1	29.74	138.20	6.16	132.04	116.63	15.41
1	29.54	150.85	6.58	144.28	128.87	15.41
1	29.35	163.49	7.00	156.49	141.07	15.42
1	29.15	176.09	7.42	168.68	153.26	15.42

1	28.96	188.68	7.84	180.84	165.42	15.42
1	28.76	201.23	8.26	192.97	177.55	15.42
1	28.57	213.77	8.68	205.09	189.66	15.42
1	28.37	226.28	9.10	217.17	201.75	15.43
1	28.18	238.76	9.53	229.24	213.81	15.43
1	27.99	251.22	9.95	241.27	225.85	15.43
1	27.99	251.22	9.95	241.27	225.85	15.43
2	26.77	371.08	48.54	322.54	301.55	21.00
2	25.56	490.83	93.74	397.08	377.13	19.95
2	24.35	610.43	137.30	473.13	452.58	20.55
2	23.15	729.88	186.15	543.73	527.87	15.87
2	21.94	849.13	242.02	607.11	602.96	4.15
2	20.74	968.16	276.89	691.27	677.83	13.44
2	19.55	1086.94	313.78	773.16	752.46	20.70
2	18.36	1205.41	357.50	847.91	826.76	21.14
2	17.17	1323.54	401.66	921.88	900.74	21.14
2	15.99	1441.33	445.82	995.51	974.37	21.14
2	15.99	1441.33	445.82	995.51	974.37	21.14
3	14.36	1605.34	507.68	1097.66	1076.52	21.14
3	12.73	1768.68	571.34	1197.33	1178.00	19.33
3	11.11	1931.52	633.47	1298.06	1278.99	19.07
3	9.50	2093.88	695.50	1398.39	1379.49	18.90
3	7.90	2255.76	757.52	1498.24	1479.51	18.73
3	6.30	2417.15	819.55	1597.60	1579.04	18.56
3	4.71	2578.05	881.58	1696.47	1678.09	18.39
3	3.14	2738.47	943.61	1794.86	1776.64	18.21
3	1.56	2898.40	1005.26	1893.14	1874.72	18.42

3 0.00 3057.84 1064.41 1993.42 1972.30 21.12

Time = 18. Degree of Consolidation = 24.%

Total Settlement = 0.058

Settlement at End of Primary Consolidation = 0.242

0.058 Settlement caused by Primary Consolidation at time 18. =

0.000 Settlement caused by Secondary Compression at time 18. =

*****Current Conditions in Dredged Fill*****

***** Coordinates *****

***** Void Ratios *****

Material	A	XI	Z	Einitial	E	Eeop
4	2.00	1.67	0.20	9.10	9.10	9.10
4	1.90	1.57	0.19	9.10	9.04	8.19
4	1.80	1.47	0.18	9.10	8.98	7.28
4	1.70	1.38	0.17	9.10	8.91	6.37
4	1.60	1.28	0.16	9.10	8.82	5.46
4	1.50	1.18	0.15	9.10	8.72	4.80
4	1.40	1.09	0.14	9.10	8.59	4.78
4	1.30	0.99	0.13	9.10	8.44	4.77
4	1.20	0.90	0.12	9.10	8.25	4.76
4	1.10	0.81	0.11	9.10	8.03	4.75
4	1.00	0.72	0.10	9.10	7.78	4.63
4	1.00	0.72	0.10	9.10	7.78	4.63
4	0.90	0.63	0.09	9.10	7.53	4.41
4	0.80	0.55	0.08	9.10	7.24	4.20

4	0.70	0.47	0.07	9.10	6.93	3.99
4	0.60	0.39	0.06	9.10	6.60	3.78
4	0.50	0.32	0.05	9.10	6.26	3.57
4	0.40	0.25	0.04	9.10	5.93	3.36
4	0.30	0.18	0.03	9.10	5.60	3.15
4	0.20	0.12	0.02	9.10	5.30	2.93
4	0.10	0.06	0.01	9.10	5.03	2.72
4	0.00	0.00	0.00	9.10	4.79	2.51

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	1.67	0.00	0.00	0.00	0.00	0.00
4	1.57	7.28	0.07	7.21	6.22	0.99
4	1.47	14.52	0.14	14.38	12.41	1.97
4	1.38	21.72	0.22	21.50	18.55	2.95
4	1.28	28.87	0.32	28.55	24.64	3.91
4	1.18	35.97	0.44	35.53	30.68	4.84
4	1.09	42.99	0.59	42.40	36.65	5.75
4	0.99	49.93	0.77	49.16	42.53	6.63
4	0.90	56.76	0.99	55.77	48.30	7.47
4	0.81	63.47	1.24	62.22	53.95	8.27
4	0.72	70.02	1.54	68.49	59.45	9.03
4	0.72	70.02	1.54	68.49	59.45	9.03
4	0.63	76.43	1.83	74.60	64.80	9.80
4	0.55	82.67	2.16	80.51	69.98	10.52
4	0.47	88.72	2.52	86.20	74.98	11.22
4	0.39	94.58	2.91	91.67	79.78	11.89

4	0.32	100.23	3.30	96.93	84.37	12.56
4	0.25	105.67	3.69	101.97	88.75	13.22
4	0.18	110.90	4.07	106.83	92.93	13.90
4	0.12	115.94	4.42	111.53	96.91	14.61
4	0.06	120.81	4.73	116.08	100.72	15.36
4	0.00	125.52	5.74	119.78	104.38	15.40

Time = 18. Degree of Consolidation = 37.%

Total Settlement = 0.327

Settlement at End of Primary Consolidation = 0.875

Settlement caused by Primary Consolidation at time 18. = 0.327

Settlement caused by Secondary Compression at time 18. = 0.000

Surface Elevation = 1.11

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.93	10.72	24.00	23.32	20.35
1	29.79	29.73	10.72	23.95	23.27	20.30
1	29.59	29.54	10.71	23.90	23.23	20.26
1	29.39	29.34	10.70	23.85	23.18	20.21
1	29.19	29.15	10.69	23.81	23.13	20.16
1	28.99	28.95	10.68	23.76	23.08	20.11
1	28.79	28.76	10.67	23.71	23.03	20.06
1	28.59	28.57	10.67	23.66	22.98	20.01

1	28.39	28.37	10.66	23.61	22.93	19.96
1	28.19	28.18	10.65	23.56	22.88	19.91
1	27.99	27.99	10.64	23.51	22.84	19.87
2	27.99	27.99	10.64	1.78	1.78	1.78
2	26.78	26.77	10.21	1.78	1.78	1.77
2	25.57	25.56	9.77	1.77	1.77	1.77
2	24.36	24.35	9.33	1.77	1.76	1.76
2	23.15	23.15	8.90	1.76	1.76	1.75
2	21.95	21.94	8.46	1.75	1.75	1.75
2	20.75	20.74	8.02	1.74	1.74	1.74
2	19.55	19.55	7.58	1.73	1.73	1.72
2	18.36	18.36	7.15	1.72	1.72	1.71
2	17.17	17.17	6.71	1.71	1.71	1.70
2	15.99	15.99	6.27	1.70	1.70	1.69
3	15.99	15.99	6.27	1.62	1.62	1.61
3	14.36	14.35	5.65	1.60	1.60	1.59
3	12.73	12.73	5.02	1.59	1.59	1.58
3	11.11	11.11	4.39	1.57	1.57	1.57
3	9.50	9.50	3.76	1.56	1.56	1.56
3	7.90	7.90	3.14	1.55	1.55	1.54
3	6.30	6.30	2.51	1.54	1.54	1.53
3	4.72	4.71	1.88	1.52	1.52	1.52
3	3.14	3.14	1.25	1.51	1.51	1.51
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.49	1.48

***** Stresses *****

***** Pore Pressures *****

	XI	Total	Effective	Total	Static	Excess
Material	29.93	189.78	5.89	183.88	158.06	25.82
1	29.73	202.45	6.32	196.13	170.31	25.82
1	29.54	215.09	6.74	208.36	182.54	25.82
1	29.34	227.72	7.16	220.56	194.73	25.82
1	29.15	240.31	7.58	232.73	206.91	25.82
1	28.95	252.89	8.01	244.88	219.06	25.82
1	28.76	265.44	8.43	257.01	231.18	25.83
1	28.57	277.96	8.85	269.11	243.28	25.83
1	28.37	290.46	9.27	281.19	255.36	25.83
1	28.18	302.93	9.70	293.24	267.41	25.83
1	27.99	315.39	10.12	305.27	279.44	25.83
1	27.99	315.39	10.12	305.27	279.44	25.83
2	26.77	435.24	48.90	386.35	355.14	31.21
2	25.56	554.99	94.50	460.48	430.72	29.76
2	24.35	674.59	138.88	535.72	506.17	29.55
2	23.15	794.02	189.58	604.45	581.44	23.01
2	21.94	913.26	246.79	666.47	656.52	9.95
2	20.74	1032.28	278.88	753.40	731.38	22.02
2	19.55	1151.05	314.77	836.28	805.99	30.29
2	18.36	1269.51	357.50	912.01	880.29	31.71
2	17.17	1387.64	401.66	985.98	954.27	31.71
2	15.99	1505.43	445.82	1059.61	1027.90	31.71
2	15.99	1505.43	445.82	1059.61	1027.90	31.71
3	14.35	1669.44	507.68	1161.76	1130.05	31.71
3	12.73	1832.77	572.19	1260.59	1231.53	29.06
3	11.11	1995.61	634.50	1361.11	1332.51	28.61
3						

3	9.50	2157.97	696.62	1461.34	1433.00	28.34
3	7.90	2319.83	758.73	1561.10	1533.01	28.09
3	6.30	2481.21	820.84	1660.37	1632.53	27.84
3	4.71	2642.10	882.95	1759.16	1731.57	27.59
3	3.14	2802.51	944.96	1857.55	1830.12	27.43
3	1.56	2962.43	1006.23	1956.20	1928.18	28.02
3	0.00	3121.86	1064.84	2057.02	2025.75	31.27

Time = 27. Degree of Consolidation = 17.%

Total Settlement = 0.062

Settlement at End of Primary Consolidation = 0.364

Settlement caused by Primary Consolidation at time 27. = 0.062

Settlement caused by Secondary Compression at time 27. = 0.000

*****Current Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
4	3.00	2.53	0.30	9.10	9.10	9.10
4	2.90	2.43	0.29	9.10	9.08	8.19
4	2.80	2.33	0.28	9.10	9.06	7.28
4	2.70	2.23	0.27	9.10	9.04	6.37
4	2.60	2.13	0.26	9.10	9.02	5.46
4	2.50	2.04	0.25	9.10	8.99	4.80
4	2.40	1.94	0.24	9.10	8.94	4.78
4	2.30	1.84	0.23	9.10	8.89	4.77

4	2.20	1.74	0.22	9.10	8.83	4.76
4	2.10	1.64	0.21	9.10	8.76	4.75
4	2.00	1.55	0.20	9.10	8.66	4.63
4	2.00	1.55	0.20	9.10	8.66	4.63
4	1.90	1.45	0.19	9.10	8.57	4.41
4	1.80	1.36	0.18	9.10	8.46	4.20
4	1.70	1.27	0.17	9.10	8.33	3.99
4	1.60	1.17	0.16	9.10	8.17	3.78
4	1.50	1.08	0.15	9.10	8.00	3.57
4	1.40	1.00	0.14	9.10	7.80	3.36
4	1.30	0.91	0.13	9.10	7.59	3.15
4	1.20	0.83	0.12	9.10	7.36	2.93
4	1.10	0.74	0.11	9.10	7.12	2.72
4	1.00	0.66	0.10	9.10	6.87	2.51
4	1.00	0.66	0.10	9.10	6.87	2.51
4	0.90	0.59	0.09	9.10	6.62	2.30
4	0.80	0.51	0.08	9.10	6.37	2.09
4	0.70	0.44	0.07	9.10	6.12	1.88
4	0.60	0.37	0.06	9.10	5.88	1.74
4	0.50	0.31	0.05	9.10	5.65	1.73
4	0.40	0.24	0.04	9.10	5.44	1.73
4	0.30	0.18	0.03	9.10	5.25	1.72
4	0.20	0.12	0.02	9.10	5.07	1.72
4	0.10	0.06	0.01	9.10	4.92	1.71
4	0.00	0.00	0.00	9.10	4.79	1.71

***** Stresses *****

***** Pore Pressures *****

	XI	Total	Effective	Total	Static	Excess
Material	2.53	0.00	0.00	0.00	0.00	0.00
4	2.43	7.29	0.02	7.27	6.23	1.04
4	2.33	14.57	0.04	14.53	12.46	2.07
4	2.23	21.84	0.07	21.77	18.67	3.10
4	2.13	29.09	0.10	29.00	24.87	4.13
4	2.04	36.33	0.13	36.20	31.05	5.15
4	1.94	43.55	0.18	43.36	37.20	6.16
4	1.84	50.73	0.24	50.49	43.33	7.16
4	1.74	57.88	0.31	57.57	49.43	8.14
4	1.64	64.99	0.40	64.59	55.48	9.11
4	1.55	72.05	0.51	71.54	61.48	10.06
4	1.55	72.05	0.51	71.54	61.48	10.06
4	1.45	79.05	0.61	78.43	67.42	11.01
4	1.36	85.98	0.75	85.24	73.30	11.94
4	1.27	92.85	0.90	91.95	79.10	12.84
4	1.17	99.62	1.08	98.54	84.82	13.72
4	1.08	106.29	1.28	105.01	90.43	14.57
4	1.00	112.85	1.51	111.34	95.93	15.41
4	0.91	119.28	1.76	117.52	101.31	16.21
4	0.83	125.57	2.02	123.55	106.54	17.01
4	0.74	131.72	2.30	129.42	111.64	17.78
4	0.66	137.72	2.59	135.12	116.58	18.55
4	0.66	137.72	2.59	135.12	116.58	18.55
4	0.59	143.56	2.88	140.68	121.36	19.32
4	0.51	149.25	3.18	146.07	125.99	20.08
4	0.44	154.78	3.46	151.32	130.47	20.85

4	0.37	160.16	3.74	156.42	134.79	21.63
4	0.31	165.40	4.01	161.39	138.97	22.42
4	0.24	170.50	4.25	166.25	143.02	23.23
4	0.18	175.48	4.48	171.00	146.94	24.06
4	0.12	180.34	4.68	175.66	150.74	24.92
4	0.06	185.10	4.86	180.25	154.45	25.80
4	0.00	189.78	5.89	183.88	158.06	25.82

Time = 27. Degree of Consolidation = 29.%

Total Settlement = 0.467

Settlement at End of Primary Consolidation = 1.591

Settlement caused by Primary Consolidation at time 27. = 0.467

Settlement caused by Secondary Compression at time 27. = 0.000

Surface Elevation = 1.97

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.93	10.72	24.00	23.31	19.14
1	29.79	29.73	10.72	23.95	23.27	19.09
1	29.59	29.54	10.71	23.90	23.22	19.04
1	29.39	29.34	10.70	23.85	23.17	18.99
1	29.19	29.15	10.69	23.81	23.12	18.94
1	28.99	28.95	10.68	23.76	23.07	18.89
1	28.79	28.76	10.67	23.71	23.02	18.85

1	28.59	28.56	10.67	23.66	22.97	18.80
1	28.39	28.37	10.66	23.61	22.93	18.75
1	28.19	28.18	10.65	23.56	22.88	18.70
1	27.99	27.98	10.64	23.51	22.83	18.65
2	27.99	27.98	10.64	1.78	1.78	1.78
2	26.78	26.77	10.21	1.78	1.78	1.77
2	25.57	25.56	9.77	1.77	1.77	1.77
2	24.36	24.35	9.33	1.77	1.76	1.76
2	23.15	23.14	8.90	1.76	1.76	1.75
2	21.95	21.94	8.46	1.75	1.75	1.75
2	20.75	20.74	8.02	1.74	1.74	1.73
2	19.55	19.55	7.58	1.73	1.73	1.72
2	18.36	18.36	7.15	1.72	1.72	1.71
2	17.17	17.17	6.71	1.71	1.71	1.70
2	15.99	15.99	6.27	1.70	1.70	1.68
3	15.99	15.99	6.27	1.62	1.62	1.61
3	14.36	14.35	5.65	1.60	1.60	1.59
3	12.73	12.73	5.02	1.59	1.59	1.58
3	11.11	11.11	4.39	1.57	1.57	1.57
3	9.50	9.50	3.76	1.56	1.56	1.55
3	7.90	7.90	3.14	1.55	1.55	1.54
3	6.30	6.30	2.51	1.54	1.54	1.53
3	4.72	4.71	1.88	1.52	1.52	1.52
3	3.14	3.13	1.25	1.51	1.51	1.50
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.49	1.48

		***** Stresses *****		***** Pore Pressures *****		
	XI	Total	Effective	Total	Static	Excess
Material	29.93	254.79	5.96	248.84	212.51	36.32
1	29.73	267.46	6.38	261.08	224.75	36.33
1	29.54	280.10	6.80	273.30	236.97	36.33
1	29.34	292.72	7.23	285.50	249.17	36.33
1	29.15	305.32	7.65	297.67	261.34	36.33
1	28.95	317.89	8.07	309.81	273.48	36.33
1	28.76	330.43	8.50	321.93	285.61	36.33
1	28.56	342.95	8.92	334.03	297.70	36.33
1	28.37	355.45	9.34	346.10	309.78	36.33
1	28.18	367.92	9.76	358.15	321.82	36.33
1	27.98	380.36	10.19	370.18	333.85	36.33
1	27.98	380.36	10.19	370.18	333.85	36.33
2	26.77	500.22	49.36	450.86	409.54	41.32
2	25.56	619.96	95.65	524.31	485.13	39.18
2	24.35	739.56	140.80	598.76	560.57	38.19
2	23.14	858.99	192.76	666.23	635.83	30.40
2	21.94	978.21	250.30	727.91	710.90	17.01
2	20.74	1097.21	280.49	816.73	785.74	30.98
2	19.55	1215.97	315.76	900.21	860.34	39.87
2	18.36	1334.43	357.50	976.93	934.64	42.28
2	17.17	1452.56	401.66	1050.90	1008.62	42.28
2	15.99	1570.36	445.82	1124.53	1082.25	42.28
2	15.99	1570.36	445.82	1124.53	1082.25	42.28
3	14.35	1734.36	507.68	1226.68	1184.40	42.28
3	12.73	1897.69	573.00	1324.70	1285.87	38.82
3						

3	11.11	2060.52	635.53	1424.99	1386.85	38.15
3	9.50	2222.87	697.76	1525.11	1487.33	37.78
3	7.90	2384.72	759.95	1624.77	1587.33	37.44
3	6.30	2546.09	822.14	1723.95	1686.84	37.11
3	4.71	2706.98	884.29	1822.68	1785.87	36.81
3	3.13	2867.37	946.23	1921.14	1884.41	36.73
3	1.56	3027.29	1007.16	2020.13	1982.46	37.67
3	0.00	3186.71	1065.57	2121.14	2080.03	41.11

Time = 36. Degree of Consolidation = 13.%

Total Settlement = 0.065

Settlement at End of Primary Consolidation = 0.486

Settlement caused by Primary Consolidation at time 36. = 0.065

Settlement caused by Secondary Compression at time 36. = 0.000

*****Current Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
4	4.00	3.41	0.40	9.10	9.10	9.10
4	3.90	3.31	0.39	9.10	9.09	8.19
4	3.80	3.21	0.38	9.10	9.09	7.28
4	3.70	3.11	0.37	9.10	9.08	6.37
4	3.60	3.01	0.36	9.10	9.07	5.46
4	3.50	2.91	0.35	9.10	9.06	4.80
4	3.40	2.81	0.34	9.10	9.05	4.78

4	3.30	2.71	0.33	9.10	9.03	4.77
4	3.20	2.61	0.32	9.10	9.01	4.76
4	3.10	2.51	0.31	9.10	8.99	4.75
4	3.00	2.41	0.30	9.10	8.95	4.63
4	3.00	2.41	0.30	9.10	8.95	4.63
4	2.90	2.31	0.29	9.10	8.92	4.41
4	2.80	2.21	0.28	9.10	8.88	4.20
4	2.70	2.12	0.27	9.10	8.83	3.99
4	2.60	2.02	0.26	9.10	8.77	3.78
4	2.50	1.92	0.25	9.10	8.70	3.57
4	2.40	1.83	0.24	9.10	8.61	3.36
4	2.30	1.73	0.23	9.10	8.52	3.15
4	2.20	1.64	0.22	9.10	8.41	2.93
4	2.10	1.55	0.21	9.10	8.28	2.72
4	2.00	1.46	0.20	9.10	8.14	2.51
4	2.00	1.46	0.20	9.10	8.14	2.51
4	1.90	1.37	0.19	9.10	8.01	2.30
4	1.80	1.28	0.18	9.10	7.85	2.09
4	1.70	1.19	0.17	9.10	7.68	1.88
4	1.60	1.10	0.16	9.10	7.50	1.74
4	1.50	1.02	0.15	9.10	7.31	1.73
4	1.40	0.94	0.14	9.10	7.11	1.73
4	1.30	0.86	0.13	9.10	6.91	1.72
4	1.20	0.78	0.12	9.10	6.70	1.72
4	1.10	0.71	0.11	9.10	6.49	1.71
4	1.00	0.64	0.10	9.10	6.28	1.71
4	1.00	0.64	0.10	9.10	6.28	1.71

4	0.90	0.56	0.09	9.10	6.08	1.70
4	0.80	0.50	0.08	9.10	5.88	1.70
4	0.70	0.43	0.07	9.10	5.69	1.69
4	0.60	0.36	0.06	9.10	5.52	1.69
4	0.50	0.30	0.05	9.10	5.36	1.68
4	0.40	0.24	0.04	9.10	5.21	1.68
4	0.30	0.18	0.03	9.10	5.08	1.67
4	0.20	0.12	0.02	9.10	4.97	1.67
4	0.10	0.06	0.01	9.10	4.88	1.66
4	0.00	0.00	0.00	9.10	4.79	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	3.41	0.00	0.00	0.00	0.00	0.00
4	3.31	7.30	0.01	7.29	6.24	1.05
4	3.21	14.59	0.01	14.57	12.47	2.10
4	3.11	21.88	0.02	21.85	18.70	3.15
4	3.01	29.16	0.03	29.13	24.93	4.20
4	2.91	36.44	0.04	36.40	31.15	5.24
4	2.81	43.71	0.06	43.65	37.37	6.29
4	2.71	50.97	0.08	50.89	43.57	7.32
4	2.61	58.22	0.10	58.12	49.76	8.36
4	2.51	65.45	0.13	65.32	55.94	9.38
4	2.41	72.67	0.17	72.50	62.10	10.40
4	2.41	72.67	0.17	72.50	62.10	10.40
4	2.31	79.87	0.21	79.66	68.24	11.42
4	2.21	87.04	0.26	86.79	74.36	12.43

4	2.12	94.19	0.31	93.88	80.45	13.43
4	2.02	101.30	0.38	100.92	86.50	14.41
4	1.92	108.37	0.47	107.91	92.52	15.39
4	1.83	115.40	0.57	114.83	98.48	16.35
4	1.73	122.36	0.68	121.69	104.39	17.29
4	1.64	129.27	0.81	128.46	110.24	18.22
4	1.55	136.10	0.95	135.15	116.01	19.13
4	1.46	142.85	1.11	141.74	121.71	20.03
4	1.46	142.85	1.11	141.74	121.71	20.03
4	1.37	149.51	1.27	148.24	127.31	20.93
4	1.28	156.09	1.45	154.64	132.83	21.81
4	1.19	162.56	1.65	160.92	138.25	22.67
4	1.10	168.93	1.86	167.07	143.56	23.52
4	1.02	175.18	2.08	173.10	148.76	24.35
4	0.94	181.31	2.31	179.00	153.83	25.17
4	0.86	187.32	2.55	184.77	158.78	25.99
4	0.78	193.20	2.79	190.41	163.60	26.81
4	0.71	198.95	3.04	195.91	168.29	27.62
4	0.64	204.57	3.28	201.29	172.85	28.44
4	0.64	204.57	3.28	201.29	172.85	28.44
4	0.56	210.06	3.52	206.54	177.29	29.25
4	0.50	215.43	3.75	211.68	181.60	30.08
4	0.43	220.67	3.96	216.71	185.79	30.92
4	0.36	225.81	4.17	221.64	189.87	31.77
4	0.30	230.84	4.35	226.49	193.85	32.65
4	0.24	235.78	4.52	231.26	197.73	33.54
4	0.18	240.64	4.67	235.97	201.53	34.44

4	0.12	245.42	4.80	240.62	205.25	35.37
4	0.06	250.13	4.91	245.22	208.91	36.31
4	0.00	254.79	5.96	248.84	212.51	36.32

Time = 36. Degree of Consolidation = 26.%

Total Settlement = 0.594

Settlement at End of Primary Consolidation = 2.325

Settlement caused by Primary Consolidation at time 36. = 0.594

Settlement caused by Secondary Compression at time 36. = 0.000

Surface Elevation = 2.84

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.93	10.72	24.00	23.31	17.92
1	29.79	29.73	10.72	23.95	23.26	17.87
1	29.59	29.53	10.71	23.90	23.21	17.82
1	29.39	29.34	10.70	23.85	23.16	17.78
1	29.19	29.14	10.69	23.81	23.12	17.73
1	28.99	28.95	10.68	23.76	23.07	17.68
1	28.79	28.75	10.67	23.71	23.02	17.63
1	28.59	28.56	10.67	23.66	22.97	17.58
1	28.39	28.37	10.66	23.61	22.92	17.53
1	28.19	28.17	10.65	23.56	22.87	17.48
1	27.99	27.98	10.64	23.51	22.82	17.43

2	27.99	27.98	10.64	1.78	1.78	1.77
2	26.78	26.77	10.21	1.78	1.78	1.77
2	25.57	25.56	9.77	1.77	1.77	1.76
2	24.36	24.35	9.33	1.77	1.76	1.76
2	23.15	23.14	8.90	1.76	1.76	1.75
2	21.95	21.94	8.46	1.75	1.75	1.74
2	20.75	20.74	8.02	1.74	1.74	1.73
2	19.55	19.55	7.58	1.73	1.73	1.72
2	18.36	18.35	7.15	1.72	1.72	1.71
2	17.17	17.17	6.71	1.71	1.71	1.69
2	15.99	15.99	6.27	1.70	1.70	1.68
3	15.99	15.99	6.27	1.62	1.62	1.60
3	14.36	14.35	5.65	1.60	1.60	1.59
3	12.73	12.73	5.02	1.59	1.59	1.58
3	11.11	11.11	4.39	1.57	1.57	1.56
3	9.50	9.50	3.76	1.56	1.56	1.55
3	7.90	7.90	3.14	1.55	1.55	1.54
3	6.30	6.30	2.51	1.54	1.54	1.53
3	4.72	4.71	1.88	1.52	1.52	1.51
3	3.14	3.13	1.25	1.51	1.51	1.50
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.49	1.47

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.93	320.19	5.99	314.20	267.34	46.86
1	29.73	332.86	6.42	326.44	279.58	46.86

1	29.53	345.50	6.84	338.66	291.80	46.86
1	29.34	358.12	7.26	350.85	303.99	46.86
1	29.14	370.71	7.69	363.02	316.16	46.86
1	28.95	383.27	8.11	375.17	328.30	46.86
1	28.75	395.82	8.53	387.29	340.42	46.86
1	28.56	408.34	8.95	399.38	352.52	46.86
1	28.37	420.83	9.38	411.45	364.59	46.86
1	28.17	433.30	9.80	423.50	376.63	46.86
1	27.98	445.74	10.22	435.52	388.65	46.86
1	27.98	445.74	10.22	435.52	388.65	46.86
2	26.77	565.60	49.91	515.69	464.35	51.34
2	25.56	685.34	97.01	588.33	539.93	48.40
2	24.35	804.93	142.80	662.13	615.37	46.76
2	23.14	924.35	195.61	728.73	690.62	38.11
2	21.94	1043.56	251.82	791.74	765.68	26.06
2	20.74	1162.55	281.87	880.69	840.51	40.18
2	19.55	1281.30	316.64	964.66	915.10	49.56
2	18.35	1399.76	357.50	1042.25	989.40	52.85
2	17.17	1517.89	401.66	1116.23	1063.37	52.85
2	15.99	1635.68	445.82	1189.86	1137.01	52.85
2	15.99	1635.68	445.82	1189.86	1137.01	52.85
3	14.35	1799.69	507.68	1292.01	1239.16	52.85
3	12.73	1963.02	573.78	1389.24	1340.63	48.61
3	11.11	2125.84	636.55	1489.29	1441.59	47.69
3	9.50	2288.18	698.89	1589.28	1542.07	47.21
3	7.90	2450.02	761.17	1688.85	1642.06	46.79
3	6.30	2611.38	823.44	1787.95	1741.56	46.38

3	4.71	2772.26	885.61	1886.64	1840.58	46.07
3	3.13	2932.64	947.45	1985.20	1939.11	46.09
3	1.56	3092.55	1008.09	2084.46	2037.15	47.31
3	0.00	3251.96	1066.47	2185.49	2134.71	50.78

Time = 45. Degree of Consolidation = 11.%

Total Settlement = 0.067

Settlement at End of Primary Consolidation = 0.608

Settlement caused by Primary Consolidation at time 45. = 0.067

Settlement caused by Secondary Compression at time 45. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	5.00	4.28	0.50	9.10	9.10	9.10
4	4.90	4.18	0.49	9.10	9.10	8.19
4	4.80	4.08	0.48	9.10	9.10	7.28
4	4.70	3.98	0.47	9.10	9.09	6.37
4	4.60	3.88	0.46	9.10	9.09	5.46
4	4.50	3.78	0.45	9.10	9.09	4.80
4	4.40	3.68	0.44	9.10	9.08	4.78
4	4.30	3.58	0.43	9.10	9.08	4.77
4	4.20	3.49	0.42	9.10	9.07	4.76
4	4.10	3.39	0.41	9.10	9.06	4.75
4	4.00	3.29	0.40	9.10	9.05	4.63

4	4.00	3.29	0.40	9.10	9.05	4.63
4	3.90	3.19	0.39	9.10	9.04	4.41
4	3.80	3.09	0.38	9.10	9.02	4.20
4	3.70	2.99	0.37	9.10	9.01	3.99
4	3.60	2.89	0.36	9.10	8.98	3.78
4	3.50	2.79	0.35	9.10	8.96	3.57
4	3.40	2.69	0.34	9.10	8.92	3.36
4	3.30	2.59	0.33	9.10	8.88	3.15
4	3.20	2.50	0.32	9.10	8.84	2.93
4	3.10	2.40	0.31	9.10	8.78	2.72
4	3.00	2.30	0.30	9.10	8.72	2.51
4	3.00	2.30	0.30	9.10	8.72	2.51
4	2.90	2.21	0.29	9.10	8.66	2.30
4	2.80	2.11	0.28	9.10	8.59	2.09
4	2.70	2.02	0.27	9.10	8.50	1.88
4	2.60	1.92	0.26	9.10	8.41	1.74
4	2.50	1.83	0.25	9.10	8.31	1.73
4	2.40	1.74	0.24	9.10	8.19	1.73
4	2.30	1.65	0.23	9.10	8.06	1.72
4	2.20	1.56	0.22	9.10	7.92	1.72
4	2.10	1.47	0.21	9.10	7.77	1.71
4	2.00	1.39	0.20	9.10	7.62	1.71
4	2.00	1.39	0.20	9.10	7.62	1.71
4	1.90	1.30	0.19	9.10	7.46	1.70
4	1.80	1.22	0.18	9.10	7.29	1.70
4	1.70	1.14	0.17	9.10	7.12	1.69
4	1.60	1.06	0.16	9.10	6.94	1.69

4	1.50	0.98	0.15	9.10	6.76	1.68
4	1.40	0.90	0.14	9.10	6.58	1.68
4	1.30	0.83	0.13	9.10	6.40	1.67
4	1.20	0.76	0.12	9.10	6.22	1.67
4	1.10	0.69	0.11	9.10	6.05	1.66
4	1.00	0.62	0.10	9.10	5.89	1.66
4	1.00	0.62	0.10	9.10	5.89	1.66
4	0.90	0.55	0.09	9.10	5.72	1.65
4	0.80	0.48	0.08	9.10	5.57	1.65
4	0.70	0.42	0.07	9.10	5.43	1.64
4	0.60	0.36	0.06	9.10	5.30	1.64
4	0.50	0.30	0.05	9.10	5.19	1.63
4	0.40	0.23	0.04	9.10	5.08	1.63
4	0.30	0.17	0.03	9.10	4.99	1.62
4	0.20	0.12	0.02	9.10	4.91	1.62
4	0.10	0.06	0.01	9.10	4.85	1.61
4	0.00	0.00	0.00	9.10	4.79	1.61

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	4.28	0.00	0.00	0.00	0.00	0.00
4	4.18	7.30	0.00	7.29	6.24	1.06
4	4.08	14.59	0.00	14.59	12.48	2.11
4	3.98	21.89	0.01	21.88	18.71	3.16
4	3.88	29.18	0.01	29.17	24.95	4.22
4	3.78	36.47	0.01	36.46	31.18	5.27
4	3.68	43.76	0.02	43.74	37.42	6.32

4	3.58	51.04	0.03	51.02	43.64	7.37
4	3.49	58.32	0.03	58.29	49.87	8.42
4	3.39	65.60	0.04	65.56	56.09	9.47
4	3.29	72.87	0.06	72.81	62.30	10.51
4	3.29	72.87	0.06	72.81	62.30	10.51
4	3.19	80.13	0.07	80.06	68.51	11.56
4	3.09	87.39	0.09	87.30	74.70	12.60
4	2.99	94.63	0.11	94.52	80.89	13.63
4	2.89	101.87	0.14	101.73	87.07	14.66
4	2.79	109.08	0.17	108.91	93.23	15.69
4	2.69	116.28	0.21	116.07	99.37	16.71
4	2.59	123.46	0.25	123.20	105.48	17.72
4	2.50	130.60	0.31	130.30	111.58	18.72
4	2.40	137.72	0.37	137.36	117.64	19.72
4	2.30	144.81	0.44	144.37	123.66	20.70
4	2.30	144.81	0.44	144.37	123.66	20.70
4	2.21	151.85	0.51	151.34	129.65	21.69
4	2.11	158.85	0.60	158.26	135.60	22.66
4	2.02	165.81	0.69	165.12	141.50	23.62
4	1.92	172.71	0.80	171.91	147.34	24.57
4	1.83	179.55	0.92	178.63	153.12	25.50
4	1.74	186.32	1.06	185.26	158.84	26.42
4	1.65	193.02	1.21	191.81	164.47	27.33
4	1.56	199.63	1.37	198.26	170.03	28.23
4	1.47	206.15	1.54	204.61	175.50	29.11
4	1.39	212.58	1.73	210.85	180.87	29.99
4	1.39	212.58	1.73	210.85	180.87	29.99

4	1.30	218.91	1.91	217.00	186.14	30.86
4	1.22	225.14	2.10	223.04	191.32	31.72
4	1.14	231.27	2.30	228.97	196.39	32.58
4	1.06	237.29	2.51	234.78	201.35	33.43
4	0.98	243.20	2.72	240.48	206.20	34.28
4	0.90	248.99	2.93	246.06	210.94	35.12
4	0.83	254.68	3.14	251.54	215.56	35.97
4	0.76	260.25	3.34	256.91	220.08	36.83
4	0.69	265.72	3.54	262.17	224.49	37.68
4	0.62	271.08	3.73	267.35	228.80	38.55
4	0.62	271.08	3.73	267.35	228.80	38.55
4	0.55	276.34	3.93	272.42	233.00	39.42
4	0.48	281.51	4.10	277.40	237.11	40.29
4	0.42	286.58	4.27	282.31	241.12	41.19
4	0.36	291.57	4.42	287.15	245.06	42.10
4	0.30	296.48	4.55	291.93	248.91	43.02
4	0.23	301.33	4.67	296.66	252.70	43.96
4	0.17	306.12	4.78	301.34	256.43	44.91
4	0.12	310.85	4.87	305.99	260.11	45.87
4	0.06	315.54	4.94	310.60	263.74	46.85
4	0.00	320.19	5.99	314.20	267.34	46.86

Time = 45. Degree of Consolidation = 23.%

Total Settlement = 0.716

Settlement at End of Primary Consolidation = 3.065

Settlement caused by Primary Consolidation at time 45. = 0.716

Settlement caused by Secondary Compression at time 45. = 0.000

Surface Elevation = 3.72

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.92	10.72	24.00	23.31	17.92
1	29.79	29.73	10.72	23.95	23.26	17.87
1	29.59	29.53	10.71	23.90	23.21	17.82
1	29.39	29.34	10.70	23.85	23.16	17.78
1	29.19	29.14	10.69	23.81	23.11	17.73
1	28.99	28.95	10.68	23.76	23.06	17.68
1	28.79	28.75	10.67	23.71	23.02	17.63
1	28.59	28.56	10.67	23.66	22.97	17.58
1	28.39	28.36	10.66	23.61	22.92	17.53
1	28.19	28.17	10.65	23.56	22.87	17.48
1	27.99	27.98	10.64	23.51	22.82	17.43
2	27.99	27.98	10.64	1.78	1.78	1.77
2	26.78	26.77	10.21	1.78	1.77	1.77
2	25.57	25.55	9.77	1.77	1.77	1.76
2	24.36	24.35	9.33	1.77	1.76	1.76
2	23.15	23.14	8.90	1.76	1.76	1.75
2	21.95	21.94	8.46	1.75	1.75	1.74
2	20.75	20.74	8.02	1.74	1.74	1.73
2	19.55	19.54	7.58	1.73	1.73	1.72
2	18.36	18.35	7.15	1.72	1.72	1.71

2	17.17	17.17	6.71	1.71	1.71	1.69
2	15.99	15.99	6.27	1.70	1.70	1.68
3	15.99	15.99	6.27	1.62	1.62	1.60
3	14.36	14.35	5.65	1.60	1.60	1.59
3	12.73	12.72	5.02	1.59	1.58	1.58
3	11.11	11.11	4.39	1.57	1.57	1.56
3	9.50	9.50	3.76	1.56	1.56	1.55
3	7.90	7.89	3.14	1.55	1.55	1.54
3	6.30	6.30	2.51	1.54	1.53	1.53
3	4.72	4.71	1.88	1.52	1.52	1.51
3	3.14	3.13	1.25	1.51	1.51	1.50
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.49	1.47

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.92	308.21	6.03	302.18	255.35	46.83
1	29.73	320.87	6.45	314.42	267.59	46.83
1	29.53	333.51	6.87	326.64	279.81	46.83
1	29.34	346.12	7.30	338.83	292.00	46.83
1	29.14	358.71	7.72	350.99	304.16	46.83
1	28.95	371.28	8.14	363.14	316.31	46.83
1	28.75	383.82	8.56	375.25	328.42	46.83
1	28.56	396.33	8.99	387.35	340.52	46.83
1	28.36	408.83	9.41	399.41	352.58	46.83
1	28.17	421.29	9.83	411.46	364.63	46.83
1	27.98	433.74	10.26	423.48	376.65	46.83

2	27.98	433.74	10.26	423.48	376.65	46.83
2	26.77	553.59	50.91	502.67	452.34	50.33
2	25.55	673.32	99.37	573.95	527.92	46.03
2	24.35	792.91	145.99	646.92	603.34	43.58
2	23.14	912.31	199.73	712.58	678.59	33.99
2	21.94	1031.51	253.89	777.62	753.63	23.99
2	20.74	1150.49	283.76	866.72	828.44	38.28
2	19.54	1269.22	317.87	951.35	903.02	48.33
2	18.35	1387.67	357.50	1030.17	977.32	52.85
2	17.17	1505.81	401.66	1104.14	1051.29	52.85
2	15.99	1623.60	445.82	1177.78	1124.92	52.85
2	15.99	1623.60	445.82	1177.78	1124.92	52.85
3	14.35	1787.61	507.68	1279.93	1227.08	52.85
3	12.72	1950.93	575.03	1375.90	1328.54	47.36
3	11.11	2113.74	638.25	1475.50	1429.49	46.00
3	9.50	2276.06	700.79	1575.27	1529.96	45.32
3	7.89	2437.89	763.22	1674.68	1629.93	44.75
3	6.30	2599.24	825.58	1773.66	1729.42	44.24
3	4.71	2760.09	887.75	1872.35	1828.42	43.93
3	3.13	2920.46	949.39	1971.07	1926.93	44.14
3	1.56	3080.35	1009.66	2070.69	2024.96	45.73
3	0.00	3239.76	1068.00	2171.76	2122.51	49.25

Time = 60. Degree of Consolidation = 12.%

Total Settlement = 0.070

Settlement at End of Primary Consolidation = 0.608

Settlement caused by Primary Consolidation at time 60. = 0.070

Settlement caused by Secondary Compression at time 60. =
 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	5.00	4.09	0.50	9.10	9.10	9.10
4	4.90	3.99	0.49	9.10	9.08	8.19
4	4.80	3.89	0.48	9.10	9.06	7.28
4	4.70	3.79	0.47	9.10	9.05	6.37
4	4.60	3.69	0.46	9.10	9.03	5.46
4	4.50	3.59	0.45	9.10	9.01	4.80
4	4.40	3.50	0.44	9.10	8.99	4.78
4	4.30	3.40	0.43	9.10	8.96	4.77
4	4.20	3.30	0.42	9.10	8.93	4.76
4	4.10	3.20	0.41	9.10	8.90	4.75
4	4.00	3.10	0.40	9.10	8.86	4.63
4	4.00	3.10	0.40	9.10	8.86	4.63
4	3.90	3.00	0.39	9.10	8.83	4.41
4	3.80	2.91	0.38	9.10	8.78	4.20
4	3.70	2.81	0.37	9.10	8.73	3.99
4	3.60	2.71	0.36	9.10	8.68	3.78
4	3.50	2.62	0.35	9.10	8.61	3.57
4	3.40	2.52	0.34	9.10	8.54	3.36
4	3.30	2.43	0.33	9.10	8.46	3.15
4	3.20	2.34	0.32	9.10	8.38	2.93

4	3.10	2.24	0.31	9.10	8.28	2.72
4	3.00	2.15	0.30	9.10	8.18	2.51
4	3.00	2.15	0.30	9.10	8.18	2.51
4	2.90	2.06	0.29	9.10	8.08	2.30
4	2.80	1.97	0.28	9.10	7.97	2.09
4	2.70	1.89	0.27	9.10	7.85	1.88
4	2.60	1.80	0.26	9.10	7.72	1.74
4	2.50	1.71	0.25	9.10	7.59	1.73
4	2.40	1.63	0.24	9.10	7.45	1.73
4	2.30	1.55	0.23	9.10	7.31	1.72
4	2.20	1.46	0.22	9.10	7.16	1.72
4	2.10	1.38	0.21	9.10	7.00	1.71
4	2.00	1.31	0.20	9.10	6.85	1.71
4	2.00	1.31	0.20	9.10	6.85	1.71
4	1.90	1.23	0.19	9.10	6.70	1.70
4	1.80	1.15	0.18	9.10	6.54	1.70
4	1.70	1.08	0.17	9.10	6.39	1.69
4	1.60	1.01	0.16	9.10	6.24	1.69
4	1.50	0.94	0.15	9.10	6.10	1.68
4	1.40	0.87	0.14	9.10	5.96	1.68
4	1.30	0.80	0.13	9.10	5.83	1.67
4	1.20	0.73	0.12	9.10	5.70	1.67
4	1.10	0.66	0.11	9.10	5.59	1.66
4	1.00	0.60	0.10	9.10	5.48	1.66
4	1.00	0.60	0.10	9.10	5.48	1.66
4	0.90	0.54	0.09	9.10	5.37	1.65
4	0.80	0.47	0.08	9.10	5.27	1.65

4	0.70	0.41	0.07	9.10	5.18	1.64
4	0.60	0.35	0.06	9.10	5.10	1.64
4	0.50	0.29	0.05	9.10	5.03	1.63
4	0.40	0.23	0.04	9.10	4.96	1.63
4	0.30	0.17	0.03	9.10	4.91	1.62
4	0.20	0.12	0.02	9.10	4.86	1.62
4	0.10	0.06	0.01	9.10	4.82	1.61
4	0.00	0.00	0.00	9.10	4.79	1.61

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	4.09	0.00	0.00	0.00	0.00	0.00
4	3.99	7.29	0.02	7.27	6.23	1.04
4	3.89	14.57	0.04	14.53	12.46	2.07
4	3.79	21.84	0.06	21.78	18.67	3.11
4	3.69	29.10	0.08	29.01	24.87	4.14
4	3.59	36.34	0.11	36.24	31.06	5.18
4	3.50	43.58	0.13	43.44	37.24	6.21
4	3.40	50.80	0.16	50.63	43.40	7.24
4	3.30	58.00	0.20	57.80	49.54	8.26
4	3.20	65.18	0.23	64.95	55.67	9.28
4	3.10	72.34	0.28	72.07	61.77	10.29
4	3.10	72.34	0.28	72.07	61.77	10.29
4	3.00	79.48	0.32	79.16	67.85	11.31
4	2.91	86.60	0.37	86.23	73.91	12.32
4	2.81	93.68	0.43	93.26	79.94	13.32
4	2.71	100.74	0.49	100.24	85.94	14.31

4	2.62	107.75	0.57	107.19	91.90	15.29
4	2.52	114.73	0.65	114.08	97.81	16.27
4	2.43	121.66	0.74	120.92	103.69	17.23
4	2.34	128.54	0.84	127.70	109.51	18.19
4	2.24	135.36	0.95	134.41	115.27	19.14
4	2.15	142.12	1.07	141.05	120.98	20.08
4	2.15	142.12	1.07	141.05	120.98	20.08
4	2.06	148.82	1.19	147.63	126.62	21.01
4	1.97	155.45	1.31	154.14	132.20	21.94
4	1.89	162.02	1.45	160.56	137.70	22.86
4	1.80	168.50	1.60	166.90	143.13	23.77
4	1.71	174.91	1.76	173.15	148.48	24.67
4	1.63	181.23	1.92	179.31	153.75	25.57
4	1.55	187.46	2.09	185.38	158.92	26.45
4	1.46	193.61	2.26	191.35	164.01	27.34
4	1.38	199.65	2.44	197.22	169.00	28.22
4	1.31	205.61	2.62	202.99	173.90	29.10
4	1.31	205.61	2.62	202.99	173.90	29.10
4	1.23	211.47	2.79	208.68	178.70	29.98
4	1.15	217.23	2.97	214.26	183.41	30.85
4	1.08	222.91	3.15	219.76	188.02	31.74
4	1.01	228.48	3.32	225.16	192.54	32.62
4	0.94	233.97	3.49	230.49	196.97	33.51
4	0.87	239.37	3.65	235.73	201.32	34.41
4	0.80	244.69	3.80	240.89	205.58	35.31
4	0.73	249.93	3.95	245.98	209.76	36.22
4	0.66	255.09	4.08	251.01	213.87	37.14

4	0.60	260.18	4.21	255.97	217.90	38.07
4	0.60	260.18	4.21	255.97	217.90	38.07
4	0.54	265.21	4.34	260.87	221.87	39.00
4	0.47	270.17	4.46	265.71	225.77	39.94
4	0.41	275.07	4.56	270.51	229.61	40.89
4	0.35	279.92	4.65	275.26	233.40	41.86
4	0.29	284.72	4.74	279.98	237.15	42.83
4	0.23	289.48	4.81	284.67	240.85	43.82
4	0.17	294.20	4.87	289.33	244.52	44.81
4	0.12	298.90	4.93	293.97	248.16	45.81
4	0.06	303.56	4.97	298.59	251.76	46.82
4	0.00	308.21	6.03	302.18	255.35	46.83

Time = 60. Degree of Consolidation = 30.%

Total Settlement = 0.908

Settlement at End of Primary Consolidation = 3.065

Settlement caused by Primary Consolidation at time 60. = 0.908

Settlement caused by Secondary Compression at time 60. = 0.000

Surface Elevation = 3.52

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.92	10.72	24.00	23.31	17.92
1	29.79	29.72	10.72	23.95	23.26	17.87

1	29.59	29.53	10.71	23.90	23.21	17.82
1	29.39	29.33	10.70	23.85	23.16	17.78
1	29.19	29.14	10.69	23.81	23.11	17.73
1	28.99	28.94	10.68	23.76	23.06	17.68
1	28.79	28.75	10.67	23.71	23.01	17.63
1	28.59	28.55	10.67	23.66	22.96	17.58
1	28.39	28.36	10.66	23.61	22.92	17.53
1	28.19	28.17	10.65	23.56	22.87	17.48
1	27.99	27.98	10.64	23.51	22.82	17.43
2	27.99	27.98	10.64	1.78	1.78	1.77
2	26.78	26.76	10.21	1.78	1.77	1.77
2	25.57	25.55	9.77	1.77	1.77	1.76
2	24.36	24.34	9.33	1.77	1.76	1.76
2	23.15	23.14	8.90	1.76	1.76	1.75
2	21.95	21.93	8.46	1.75	1.75	1.74
2	20.75	20.74	8.02	1.74	1.74	1.73
2	19.55	19.54	7.58	1.73	1.73	1.72
2	18.36	18.35	7.15	1.72	1.72	1.71
2	17.17	17.17	6.71	1.71	1.71	1.69
2	15.99	15.98	6.27	1.70	1.70	1.68
3	15.99	15.98	6.27	1.62	1.62	1.60
3	14.36	14.35	5.65	1.60	1.60	1.59
3	12.73	12.72	5.02	1.59	1.58	1.58
3	11.11	11.10	4.39	1.57	1.57	1.56
3	9.50	9.49	3.76	1.56	1.56	1.55
3	7.90	7.89	3.14	1.55	1.55	1.54
3	6.30	6.30	2.51	1.54	1.53	1.53

3	4.72	4.71	1.88	1.52	1.52	1.51
3	3.14	3.13	1.25	1.51	1.51	1.50
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.48	1.47

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.92	297.09	6.04	291.05	244.24	46.81
1	29.72	309.76	6.47	303.29	256.48	46.81
1	29.53	322.39	6.89	315.50	268.69	46.81
1	29.33	335.01	7.31	327.69	280.88	46.81
1	29.14	347.60	7.74	339.86	293.05	46.81
1	28.94	360.16	8.16	352.00	305.19	46.81
1	28.75	372.70	8.58	364.12	317.30	46.81
1	28.55	385.21	9.01	376.21	329.40	46.81
1	28.36	397.70	9.43	388.28	341.46	46.81
1	28.17	410.17	9.85	400.32	353.51	46.81
1	27.98	422.61	10.28	412.34	365.52	46.81
2	27.98	422.61	10.28	412.34	365.52	46.81
2	26.76	542.46	51.93	490.53	441.22	49.31
2	25.55	662.20	101.27	560.92	516.79	44.13
2	24.34	781.77	148.84	632.93	592.21	40.72
2	23.14	901.16	203.22	697.95	667.44	30.51
2	21.93	1020.35	255.57	764.77	742.46	22.31
2	20.74	1139.31	285.27	854.04	817.27	36.77
2	19.54	1258.03	318.85	939.19	891.83	47.35
2	18.35	1376.49	357.50	1018.98	966.13	52.85

2	17.17	1494.62	401.66	1092.96	1040.10	52.85
2	15.98	1612.41	445.82	1166.59	1113.73	52.85
3	15.98	1612.41	445.82	1166.59	1113.73	52.85
3	14.35	1776.42	507.68	1268.74	1215.89	52.85
3	12.72	1939.74	576.23	1363.51	1317.35	46.16
3	11.10	2102.54	639.92	1462.62	1418.29	44.33
3	9.49	2264.85	702.69	1562.16	1518.74	43.42
3	7.89	2426.66	765.26	1661.41	1618.70	42.71
3	6.30	2587.99	827.69	1760.30	1718.17	42.13
3	4.71	2748.83	889.82	1859.01	1817.15	41.86
3	3.13	2909.18	951.28	1957.90	1915.65	42.25
3	1.56	3069.06	1011.24	2057.82	2013.67	44.15
3	0.00	3228.45	1069.54	2158.91	2111.20	47.71

Time = 75. Degree of Consolidation = 12.%

Total Settlement = 0.073

Settlement at End of Primary Consolidation = 0.608

Settlement caused by Primary Consolidation at time 75. = 0.073

Settlement caused by Secondary Compression at time 75. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	5.00	3.91	0.50	9.10	9.10	9.10
4	4.90	3.81	0.49	9.10	9.04	8.19

4	4.80	3.72	0.48	9.10	8.99	7.28
4	4.70	3.62	0.47	9.10	8.94	6.37
4	4.60	3.52	0.46	9.10	8.89	5.46
4	4.50	3.42	0.45	9.10	8.84	4.80
4	4.40	3.32	0.44	9.10	8.78	4.78
4	4.30	3.23	0.43	9.10	8.73	4.77
4	4.20	3.13	0.42	9.10	8.67	4.76
4	4.10	3.04	0.41	9.10	8.61	4.75
4	4.00	2.94	0.40	9.10	8.54	4.63
4	4.00	2.94	0.40	9.10	8.54	4.63
4	3.90	2.85	0.39	9.10	8.47	4.41
4	3.80	2.75	0.38	9.10	8.40	4.20
4	3.70	2.66	0.37	9.10	8.31	3.99
4	3.60	2.57	0.36	9.10	8.23	3.78
4	3.50	2.48	0.35	9.10	8.13	3.57
4	3.40	2.39	0.34	9.10	8.03	3.36
4	3.30	2.30	0.33	9.10	7.93	3.15
4	3.20	2.21	0.32	9.10	7.82	2.93
4	3.10	2.12	0.31	9.10	7.70	2.72
4	3.00	2.04	0.30	9.10	7.58	2.51
4	3.00	2.04	0.30	9.10	7.58	2.51
4	2.90	1.95	0.29	9.10	7.46	2.30
4	2.80	1.87	0.28	9.10	7.33	2.09
4	2.70	1.79	0.27	9.10	7.20	1.88
4	2.60	1.71	0.26	9.10	7.07	1.74
4	2.50	1.63	0.25	9.10	6.93	1.73
4	2.40	1.55	0.24	9.10	6.80	1.73

4	2.30	1.48	0.23	9.10	6.66	1.72
4	2.20	1.40	0.22	9.10	6.53	1.72
4	2.10	1.33	0.21	9.10	6.40	1.71
4	2.00	1.25	0.20	9.10	6.27	1.71
4	2.00	1.25	0.20	9.10	6.27	1.71
4	1.90	1.18	0.19	9.10	6.14	1.70
4	1.80	1.11	0.18	9.10	6.01	1.70
4	1.70	1.04	0.17	9.10	5.89	1.69
4	1.60	0.98	0.16	9.10	5.78	1.69
4	1.50	0.91	0.15	9.10	5.67	1.68
4	1.40	0.84	0.14	9.10	5.57	1.68
4	1.30	0.78	0.13	9.10	5.48	1.67
4	1.20	0.72	0.12	9.10	5.39	1.67
4	1.10	0.65	0.11	9.10	5.31	1.66
4	1.00	0.59	0.10	9.10	5.24	1.66
4	1.00	0.59	0.10	9.10	5.24	1.66
4	0.90	0.53	0.09	9.10	5.16	1.65
4	0.80	0.47	0.08	9.10	5.09	1.65
4	0.70	0.41	0.07	9.10	5.04	1.64
4	0.60	0.35	0.06	9.10	4.98	1.64
4	0.50	0.29	0.05	9.10	4.94	1.63
4	0.40	0.23	0.04	9.10	4.90	1.63
4	0.30	0.17	0.03	9.10	4.86	1.62
4	0.20	0.12	0.02	9.10	4.83	1.62
4	0.10	0.06	0.01	9.10	4.81	1.61
4	0.00	0.00	0.00	9.10	4.79	1.61

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	3.91	0.00	0.00	0.00	0.00	0.00
4	3.81	7.28	0.07	7.21	6.22	0.99
4	3.72	14.52	0.13	14.40	12.41	1.99
4	3.62	21.74	0.19	21.55	18.57	2.98
4	3.52	28.92	0.25	28.67	24.69	3.98
4	3.42	36.07	0.31	35.76	30.78	4.98
4	3.32	43.19	0.37	42.82	36.84	5.98
4	3.23	50.27	0.43	49.84	42.87	6.97
4	3.13	57.32	0.50	56.82	48.86	7.96
4	3.04	64.33	0.57	63.76	54.82	8.94
4	2.94	71.30	0.65	70.65	60.73	9.92
4	2.94	71.30	0.65	70.65	60.73	9.92
4	2.85	78.23	0.73	77.50	66.61	10.89
4	2.75	85.12	0.82	84.30	72.43	11.87
4	2.66	91.96	0.91	91.04	78.21	12.83
4	2.57	98.74	1.01	97.73	83.94	13.78
4	2.48	105.47	1.12	104.35	89.61	14.73
4	2.39	112.14	1.24	110.90	95.23	15.67
4	2.30	118.75	1.36	117.38	100.78	16.61
4	2.21	125.29	1.49	123.79	106.26	17.54
4	2.12	131.75	1.63	130.13	111.67	18.46
4	2.04	138.15	1.77	136.38	117.01	19.37
4	2.04	138.15	1.77	136.38	117.01	19.37
4	1.95	144.47	1.91	142.56	122.27	20.29
4	1.87	150.71	2.06	148.66	127.46	21.20

4	1.79	156.88	2.21	154.67	132.56	22.11
4	1.71	162.96	2.36	160.60	137.59	23.01
4	1.63	168.96	2.52	166.44	142.53	23.91
4	1.55	174.88	2.67	172.20	147.39	24.81
4	1.48	180.71	2.83	177.88	152.17	25.71
4	1.40	186.46	2.99	183.48	156.86	26.61
4	1.33	192.13	3.14	188.99	161.48	27.51
4	1.25	197.72	3.29	194.43	166.01	28.42
4	1.25	197.72	3.29	194.43	166.01	28.42
4	1.18	203.23	3.44	199.78	170.46	29.33
4	1.11	208.66	3.59	205.07	174.83	30.24
4	1.04	214.01	3.73	210.28	179.13	31.16
4	0.98	219.29	3.86	215.43	183.35	32.08
4	0.91	224.50	3.98	220.52	187.51	33.01
4	0.84	229.65	4.10	225.55	191.60	33.95
4	0.78	234.74	4.21	230.53	195.63	34.90
4	0.72	239.77	4.31	235.46	199.60	35.86
4	0.65	244.75	4.41	240.34	203.53	36.82
4	0.59	249.68	4.49	245.19	207.40	37.79
4	0.59	249.68	4.49	245.19	207.40	37.79
4	0.53	254.57	4.58	249.99	211.23	38.76
4	0.47	259.41	4.66	254.76	215.01	39.74
4	0.41	264.22	4.73	259.49	218.76	40.73
4	0.35	268.99	4.79	264.20	222.47	41.73
4	0.29	273.73	4.84	268.89	226.16	42.73
4	0.23	278.44	4.89	273.55	229.81	43.74
4	0.17	283.13	4.93	278.20	233.45	44.76

4	0.12	287.80	4.96	282.84	237.06	45.78
4	0.06	292.45	4.99	287.46	240.66	46.81
4	0.00	297.09	6.04	291.05	244.24	46.81

Time = 75. Degree of Consolidation = 35.%

Total Settlement = 1.086

Settlement at End of Primary Consolidation = 3.065

Settlement caused by Primary Consolidation at time 75. = 1.086

Settlement caused by Secondary Compression at time 75. = 0.000

Surface Elevation = 3.34

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****			***** Void Ratios *****			
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.90	10.72	24.00	23.12	17.92
1	29.79	29.70	10.72	23.95	23.07	17.87
1	29.59	29.51	10.71	23.90	23.02	17.82
1	29.39	29.31	10.70	23.85	22.98	17.78
1	29.19	29.12	10.69	23.81	22.93	17.73
1	28.99	28.93	10.68	23.76	22.88	17.68
1	28.79	28.73	10.67	23.71	22.83	17.63
1	28.59	28.54	10.67	23.66	22.78	17.58
1	28.39	28.35	10.66	23.61	22.73	17.53
1	28.19	28.16	10.65	23.56	22.69	17.48
1	27.99	27.97	10.64	23.51	22.64	17.43

2	27.99	27.97	10.64	1.78	1.78	1.77
2	26.78	26.75	10.21	1.78	1.77	1.77
2	25.57	25.54	9.77	1.77	1.77	1.76
2	24.36	24.34	9.33	1.77	1.76	1.76
2	23.15	23.13	8.90	1.76	1.76	1.75
2	21.95	21.93	8.46	1.75	1.75	1.74
2	20.75	20.73	8.02	1.74	1.74	1.73
2	19.55	19.54	7.58	1.73	1.73	1.72
2	18.36	18.34	7.15	1.72	1.72	1.71
2	17.17	17.16	6.71	1.71	1.71	1.69
2	15.99	15.98	6.27	1.70	1.70	1.68
3	15.99	15.98	6.27	1.62	1.62	1.60
3	14.36	14.34	5.65	1.60	1.60	1.59
3	12.73	12.72	5.02	1.59	1.58	1.58
3	11.11	11.10	4.39	1.57	1.57	1.56
3	9.50	9.49	3.76	1.56	1.56	1.55
3	7.90	7.89	3.14	1.55	1.55	1.54
3	6.30	6.30	2.51	1.54	1.53	1.53
3	4.72	4.71	1.88	1.52	1.52	1.51
3	3.14	3.13	1.25	1.51	1.51	1.50
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.48	1.47

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.90	271.30	7.67	263.63	218.44	45.19
1	29.70	283.87	8.08	275.78	230.59	45.20

1	29.51	296.41	8.50	287.91	242.71	45.21
1	29.31	308.93	8.91	300.02	254.80	45.21
1	29.12	321.43	9.33	312.10	266.88	45.22
1	28.93	333.90	9.75	324.15	278.93	45.22
1	28.73	346.35	10.17	336.18	290.95	45.23
1	28.54	358.77	10.59	348.18	302.95	45.23
1	28.35	371.17	11.01	360.16	314.93	45.24
1	28.16	383.54	11.43	372.12	326.88	45.24
1	27.97	395.89	11.85	384.04	338.80	45.24
1	27.97	395.89	11.85	384.04	338.80	45.24
2	26.75	515.74	55.41	460.33	414.49	45.84
2	25.54	635.46	106.05	529.40	490.05	39.35
2	24.34	755.01	155.59	599.42	565.45	33.97
2	23.13	874.38	210.91	663.46	640.65	22.81
2	21.93	993.53	259.13	734.40	715.65	18.76
2	20.73	1112.47	288.38	824.09	790.43	33.66
2	19.54	1231.17	320.86	910.31	864.97	45.34
2	18.34	1349.62	357.77	991.84	939.26	52.59
2	17.16	1467.75	401.66	1066.09	1013.23	52.85
2	15.98	1585.54	445.82	1139.72	1086.86	52.85
2	15.98	1585.54	445.82	1139.72	1086.86	52.85
3	14.34	1749.56	507.68	1241.88	1189.03	52.85
3	12.72	1912.86	579.60	1333.26	1290.47	42.79
3	11.10	2075.63	644.81	1430.82	1391.38	39.44
3	9.49	2237.89	708.33	1529.56	1491.79	37.77
3	7.89	2399.66	771.29	1628.38	1591.70	36.68
3	6.30	2560.94	833.82	1727.12	1691.12	36.00

3	4.71	2721.73	895.75	1825.99	1790.06	35.93
3	3.13	2882.04	956.73	1925.32	1888.51	36.81
3	1.56	3041.88	1015.91	2025.97	1986.49	39.48
3	0.00	3201.23	1074.14	2127.09	2083.98	43.11

Time = 120. Degree of Consolidation = 16.%

Total Settlement = 0.096

Settlement at End of Primary Consolidation = 0.608

Settlement caused by Primary Consolidation at time 120. = 0.096

Settlement caused by Secondary Compression at time 120. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	5.00	3.50	0.50	9.10	9.10	9.10
4	4.90	3.40	0.49	9.10	8.84	8.19
4	4.80	3.31	0.48	9.10	8.61	7.28
4	4.70	3.21	0.47	9.10	8.40	6.37
4	4.60	3.12	0.46	9.10	8.21	5.46
4	4.50	3.03	0.45	9.10	8.03	4.80
4	4.40	2.94	0.44	9.10	7.86	4.78
4	4.30	2.85	0.43	9.10	7.70	4.77
4	4.20	2.77	0.42	9.10	7.56	4.76
4	4.10	2.68	0.41	9.10	7.41	4.75
4	4.00	2.60	0.40	9.10	7.28	4.63

4	4.00	2.60	0.40	9.10	7.28	4.63
4	3.90	2.52	0.39	9.10	7.14	4.41
4	3.80	2.44	0.38	9.10	7.01	4.20
4	3.70	2.36	0.37	9.10	6.89	3.99
4	3.60	2.28	0.36	9.10	6.77	3.78
4	3.50	2.21	0.35	9.10	6.65	3.57
4	3.40	2.13	0.34	9.10	6.54	3.36
4	3.30	2.06	0.33	9.10	6.43	3.15
4	3.20	1.99	0.32	9.10	6.32	2.93
4	3.10	1.91	0.31	9.10	6.22	2.72
4	3.00	1.84	0.30	9.10	6.12	2.51
4	3.00	1.84	0.30	9.10	6.12	2.51
4	2.90	1.77	0.29	9.10	6.02	2.30
4	2.80	1.70	0.28	9.10	5.92	2.09
4	2.70	1.64	0.27	9.10	5.83	1.88
4	2.60	1.57	0.26	9.10	5.75	1.74
4	2.50	1.50	0.25	9.10	5.67	1.73
4	2.40	1.44	0.24	9.10	5.59	1.73
4	2.30	1.37	0.23	9.10	5.52	1.72
4	2.20	1.31	0.22	9.10	5.45	1.72
4	2.10	1.24	0.21	9.10	5.39	1.71
4	2.00	1.18	0.20	9.10	5.33	1.71
4	2.00	1.18	0.20	9.10	5.33	1.71
4	1.90	1.12	0.19	9.10	5.27	1.70
4	1.80	1.06	0.18	9.10	5.21	1.70
4	1.70	1.00	0.17	9.10	5.17	1.69
4	1.60	0.93	0.16	9.10	5.12	1.69

4	1.50	0.87	0.15	9.10	5.08	1.68
4	1.40	0.81	0.14	9.10	5.04	1.68
4	1.30	0.75	0.13	9.10	5.01	1.67
4	1.20	0.70	0.12	9.10	4.98	1.67
4	1.10	0.64	0.11	9.10	4.95	1.66
4	1.00	0.58	0.10	9.10	4.92	1.66
4	1.00	0.58	0.10	9.10	4.92	1.66
4	0.90	0.52	0.09	9.10	4.90	1.65
4	0.80	0.46	0.08	9.10	4.88	1.65
4	0.70	0.40	0.07	9.10	4.86	1.64
4	0.60	0.34	0.06	9.10	4.84	1.64
4	0.50	0.29	0.05	9.10	4.82	1.63
4	0.40	0.23	0.04	9.10	4.81	1.63
4	0.30	0.17	0.03	9.10	4.80	1.62
4	0.20	0.11	0.02	9.10	4.79	1.62
4	0.10	0.06	0.01	9.10	4.78	1.61
4	0.00	0.00	0.00	9.10	4.77	1.61

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	3.50	0.00	0.00	0.00	0.00	0.00
4	3.40	7.22	0.30	6.92	6.16	0.76
4	3.31	14.28	0.57	13.72	12.17	1.55
4	3.21	21.21	0.81	20.40	18.04	2.36
4	3.12	28.02	1.04	26.98	23.79	3.19
4	3.03	34.71	1.25	33.46	29.42	4.04
4	2.94	41.29	1.44	39.85	34.95	4.90

4	2.85	47.77	1.62	46.15	40.37	5.78
4	2.77	54.16	1.80	52.36	45.70	6.66
4	2.68	60.46	1.96	58.50	50.95	7.55
4	2.60	66.67	2.12	64.56	56.10	8.45
4	2.60	66.67	2.12	64.56	56.10	8.45
4	2.52	72.80	2.27	70.53	61.18	9.35
4	2.44	78.85	2.43	76.43	66.17	10.26
4	2.36	84.82	2.57	82.25	71.08	11.17
4	2.28	90.71	2.71	88.00	75.92	12.09
4	2.21	96.53	2.85	93.68	80.68	13.01
4	2.13	102.28	2.98	99.30	85.37	13.93
4	2.06	107.96	3.11	104.85	89.99	14.86
4	1.99	113.57	3.23	110.34	94.54	15.79
4	1.91	119.12	3.35	115.76	99.03	16.73
4	1.84	124.60	3.47	121.13	103.46	17.67
4	1.84	124.60	3.47	121.13	103.46	17.67
4	1.77	130.03	3.58	126.44	107.83	18.61
4	1.70	135.39	3.69	131.69	112.13	19.56
4	1.64	140.69	3.80	136.89	116.38	20.51
4	1.57	145.95	3.90	142.05	120.58	21.47
4	1.50	151.15	3.99	147.15	124.72	22.43
4	1.44	156.30	4.08	152.22	128.81	23.40
4	1.37	161.40	4.17	157.24	132.86	24.38
4	1.31	166.47	4.24	162.22	136.87	25.35
4	1.24	171.49	4.32	167.17	140.83	26.34
4	1.18	176.47	4.39	172.09	144.76	27.33
4	1.18	176.47	4.39	172.09	144.76	27.33

4	1.12	181.42	4.45	176.97	148.65	28.32
4	1.06	186.33	4.52	181.82	152.51	29.31
4	1.00	191.22	4.58	186.64	156.33	30.31
4	0.93	196.07	4.63	191.44	160.13	31.31
4	0.87	200.89	4.68	196.22	163.89	32.32
4	0.81	205.69	4.72	200.97	167.64	33.34
4	0.75	210.47	4.76	205.71	171.36	34.35
4	0.70	215.23	4.80	210.44	175.06	35.37
4	0.64	219.97	4.83	215.14	178.74	36.40
4	0.58	224.70	4.86	219.84	182.41	37.43
4	0.58	224.70	4.86	219.84	182.41	37.43
4	0.52	229.40	4.89	224.52	186.06	38.46
4	0.46	234.10	4.91	229.19	189.70	39.49
4	0.40	238.78	4.93	233.85	193.32	40.52
4	0.34	243.45	4.95	238.50	196.94	41.56
4	0.29	248.11	4.97	243.14	200.54	42.60
4	0.23	252.76	4.99	247.77	204.14	43.64
4	0.17	257.41	5.02	252.39	207.72	44.67
4	0.11	262.04	5.90	256.14	211.30	44.84
4	0.06	266.67	6.79	259.89	214.88	45.01
4	0.00	271.30	7.67	263.63	218.44	45.19

Time = 120. Degree of Consolidation = 49.%

Total Settlement = 1.499

Settlement at End of Primary Consolidation = 3.065

Settlement caused by Primary Consolidation at time 120. =
1.499

Settlement caused by Secondary Compression at time 120. =
0.000

Surface Elevation = 2.90

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.85	10.72	24.00	22.65	17.92
1	29.79	29.66	10.72	23.95	22.60	17.87
1	29.59	29.47	10.71	23.90	22.55	17.82
1	29.39	29.28	10.70	23.85	22.50	17.78
1	29.19	29.09	10.69	23.81	22.46	17.73
1	28.99	28.90	10.68	23.76	22.41	17.68
1	28.79	28.71	10.67	23.71	22.36	17.63
1	28.59	28.52	10.67	23.66	22.31	17.58
1	28.39	28.33	10.66	23.61	22.26	17.53
1	28.19	28.15	10.65	23.56	22.21	17.48
1	27.99	27.96	10.64	23.51	22.17	17.43
2	27.99	27.96	10.64	1.78	1.78	1.77
2	26.78	26.75	10.21	1.78	1.77	1.77
2	25.57	25.53	9.77	1.77	1.77	1.76
2	24.36	24.33	9.33	1.77	1.76	1.76
2	23.15	23.12	8.90	1.76	1.75	1.75
2	21.95	21.92	8.46	1.75	1.75	1.74
2	20.75	20.72	8.02	1.74	1.74	1.73
2	19.55	19.53	7.58	1.73	1.73	1.72
2	18.36	18.34	7.15	1.72	1.72	1.71

2	17.17	17.15	6.71	1.71	1.71	1.69
2	15.99	15.97	6.27	1.70	1.70	1.68
3	15.99	15.97	6.27	1.62	1.62	1.60
3	14.36	14.33	5.65	1.60	1.60	1.59
3	12.73	12.71	5.02	1.59	1.58	1.58
3	11.11	11.09	4.39	1.57	1.57	1.56
3	9.50	9.48	3.76	1.56	1.56	1.55
3	7.90	7.88	3.14	1.55	1.54	1.54
3	6.30	6.29	2.51	1.54	1.53	1.53
3	4.72	4.71	1.88	1.52	1.52	1.51
3	3.14	3.13	1.25	1.51	1.51	1.50
3	1.56	1.56	0.63	1.50	1.50	1.49
3	0.00	0.00	0.00	1.49	1.48	1.47

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.85	253.58	11.76	241.81	200.72	41.09
1	29.66	265.91	12.18	253.73	212.63	41.10
1	29.47	278.21	12.59	265.62	224.51	41.11
1	29.28	290.50	13.01	277.49	236.37	41.12
1	29.09	302.76	13.42	289.33	248.21	41.12
1	28.90	314.99	13.84	301.15	260.02	41.13
1	28.71	327.20	14.26	312.94	271.81	41.13
1	28.52	339.39	14.68	324.71	283.57	41.14
1	28.33	351.55	15.10	336.45	295.31	41.14
1	28.15	363.69	15.52	348.16	307.02	41.14
1	27.96	375.80	15.95	359.85	318.71	41.14

2	27.96	375.80	15.95	359.85	318.71	41.14
2	26.75	495.63	61.11	434.52	394.38	40.14
2	25.53	615.33	111.92	503.42	469.93	33.49
2	24.33	734.86	162.44	572.43	545.30	27.13
2	23.12	854.20	217.91	636.29	620.48	15.81
2	21.92	973.33	262.21	711.12	695.45	15.67
2	20.72	1092.25	291.14	801.11	770.21	30.90
2	19.53	1210.93	323.02	887.91	844.73	43.18
2	18.34	1329.36	359.04	970.33	919.00	51.32
2	17.15	1447.49	401.66	1045.83	992.97	52.85
2	15.97	1565.28	445.82	1119.46	1066.61	52.85
2	15.97	1565.28	445.82	1119.46	1066.61	52.85
3	14.33	1729.31	507.68	1221.63	1168.78	52.85
3	12.71	1892.59	583.76	1308.83	1270.20	38.63
3	11.09	2055.32	651.05	1404.27	1371.07	33.20
3	9.48	2217.53	715.63	1501.91	1471.42	30.48
3	7.88	2379.24	779.03	1600.21	1571.28	28.93
3	6.29	2540.46	841.58	1698.88	1670.64	28.24
3	4.71	2701.19	903.18	1798.01	1769.51	28.50
3	3.13	2861.45	963.61	1897.84	1867.91	29.93
3	1.56	3021.23	1021.89	1999.34	1965.84	33.51
3	0.00	3180.53	1080.07	2100.45	2063.28	37.18

Time = 180. Degree of Consolidation = 24.%

Total Settlement = 0.144

Settlement at End of Primary Consolidation = 0.608

Settlement caused by Primary Consolidation at time 180. =
0.144

Settlement caused by Secondary Compression at time 180. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	5.00	3.22	0.50	9.10	9.10	9.10
4	4.90	3.12	0.49	9.10	8.63	8.19
4	4.80	3.03	0.48	9.10	8.20	7.28
4	4.70	2.94	0.47	9.10	7.83	6.37
4	4.60	2.85	0.46	9.10	7.49	5.46
4	4.50	2.77	0.45	9.10	7.20	4.80
4	4.40	2.69	0.44	9.10	6.94	4.78
4	4.30	2.61	0.43	9.10	6.72	4.77
4	4.20	2.54	0.42	9.10	6.52	4.76
4	4.10	2.46	0.41	9.10	6.34	4.75
4	4.00	2.39	0.40	9.10	6.19	4.63
4	4.00	2.39	0.40	9.10	6.19	4.63
4	3.90	2.32	0.39	9.10	6.04	4.41
4	3.80	2.25	0.38	9.10	5.90	4.20
4	3.70	2.18	0.37	9.10	5.78	3.99
4	3.60	2.12	0.36	9.10	5.68	3.78
4	3.50	2.05	0.35	9.10	5.59	3.57
4	3.40	1.99	0.34	9.10	5.51	3.36
4	3.30	1.92	0.33	9.10	5.43	3.15
4	3.20	1.86	0.32	9.10	5.37	2.93

4	3.10	1.80	0.31	9.10	5.31	2.72
4	3.00	1.73	0.30	9.10	5.26	2.51
4	3.00	1.73	0.30	9.10	5.26	2.51
4	2.90	1.67	0.29	9.10	5.21	2.30
4	2.80	1.61	0.28	9.10	5.16	2.09
4	2.70	1.55	0.27	9.10	5.12	1.88
4	2.60	1.49	0.26	9.10	5.08	1.74
4	2.50	1.43	0.25	9.10	5.04	1.73
4	2.40	1.37	0.24	9.10	5.01	1.73
4	2.30	1.31	0.23	9.10	4.99	1.72
4	2.20	1.25	0.22	9.10	4.96	1.72
4	2.10	1.19	0.21	9.10	4.94	1.71
4	2.00	1.13	0.20	9.10	4.92	1.71
4	2.00	1.13	0.20	9.10	4.92	1.71
4	1.90	1.07	0.19	9.10	4.90	1.70
4	1.80	1.02	0.18	9.10	4.88	1.70
4	1.70	0.96	0.17	9.10	4.86	1.69
4	1.60	0.90	0.16	9.10	4.84	1.69
4	1.50	0.84	0.15	9.10	4.83	1.68
4	1.40	0.79	0.14	9.10	4.82	1.68
4	1.30	0.73	0.13	9.10	4.81	1.67
4	1.20	0.67	0.12	9.10	4.79	1.67
4	1.10	0.61	0.11	9.10	4.78	1.66
4	1.00	0.56	0.10	9.10	4.77	1.66
4	1.00	0.56	0.10	9.10	4.77	1.66
4	0.90	0.50	0.09	9.10	4.75	1.65
4	0.80	0.44	0.08	9.10	4.73	1.65

4	0.70	0.39	0.07	9.10	4.70	1.64
4	0.60	0.33	0.06	9.10	4.67	1.64
4	0.50	0.27	0.05	9.10	4.63	1.63
4	0.40	0.22	0.04	9.10	4.59	1.63
4	0.30	0.16	0.03	9.10	4.54	1.62
4	0.20	0.11	0.02	9.10	4.49	1.62
4	0.10	0.05	0.01	9.10	4.44	1.61
4	0.00	0.00	0.00	9.10	4.39	1.61

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	3.22	0.00	0.00	0.00	0.00	0.00
4	3.12	7.15	0.55	6.60	6.09	0.51
4	3.03	14.02	1.04	12.98	11.91	1.07
4	2.94	20.64	1.48	19.16	17.47	1.69
4	2.85	27.05	1.87	25.18	22.82	2.36
4	2.77	33.26	2.21	31.06	27.98	3.08
4	2.69	39.31	2.51	36.80	32.96	3.84
4	2.61	45.20	2.77	42.43	37.80	4.63
4	2.54	50.96	3.00	47.96	42.51	5.46
4	2.46	56.61	3.20	53.40	47.10	6.31
4	2.39	62.16	3.38	58.77	51.58	7.19
4	2.39	62.16	3.38	58.77	51.58	7.19
4	2.32	67.61	3.56	64.05	55.98	8.07
4	2.25	72.97	3.72	69.25	60.28	8.97
4	2.18	78.25	3.86	74.40	64.51	9.89
4	2.12	83.47	3.98	79.49	68.67	10.82

4	2.05	88.62	4.08	84.54	72.77	11.77
4	1.99	93.73	4.18	89.55	76.81	12.73
4	1.92	98.78	4.26	94.52	80.81	13.71
4	1.86	103.79	4.34	99.45	84.76	14.69
4	1.80	108.76	4.41	104.36	88.68	15.68
4	1.73	113.70	4.47	109.24	92.56	16.67
4	1.73	113.70	4.47	109.24	92.56	16.67
4	1.67	118.61	4.53	114.08	96.41	17.67
4	1.61	123.49	4.58	118.90	100.23	18.67
4	1.55	128.33	4.63	123.70	104.02	19.68
4	1.49	133.16	4.68	128.48	107.79	20.69
4	1.43	137.96	4.72	133.25	111.53	21.71
4	1.37	142.74	4.75	137.99	115.26	22.73
4	1.31	147.51	4.78	142.72	118.97	23.76
4	1.25	152.26	4.81	147.44	122.66	24.79
4	1.19	156.99	4.84	152.15	126.33	25.82
4	1.13	161.71	4.86	156.84	129.99	26.85
4	1.13	161.71	4.86	156.84	129.99	26.85
4	1.07	166.41	4.89	161.53	133.64	27.88
4	1.02	171.11	4.91	166.20	137.28	28.92
4	0.96	175.79	4.93	170.86	140.91	29.95
4	0.90	180.46	4.95	175.52	144.52	30.99
4	0.84	185.13	4.96	180.16	148.13	32.03
4	0.79	189.78	4.98	184.80	151.73	33.08
4	0.73	194.43	4.99	189.44	155.32	34.12
4	0.67	199.07	5.51	193.56	158.90	34.66
4	0.61	203.70	6.52	197.18	162.48	34.71

4	0.56	208.33	7.69	200.64	166.04	34.60
4	0.56	208.33	7.69	200.64	166.04	34.60
4	0.50	212.94	8.85	204.09	169.60	34.49
4	0.44	217.55	10.04	207.51	173.15	34.36
4	0.39	222.14	10.20	211.94	176.68	35.26
4	0.33	226.71	10.37	216.34	180.20	36.14
4	0.27	231.25	10.56	220.70	183.69	37.01
4	0.22	235.78	10.76	225.01	187.15	37.86
4	0.16	240.27	10.99	229.28	190.59	38.69
4	0.11	244.74	11.23	233.51	194.00	39.51
4	0.05	249.17	11.49	237.68	197.38	40.31
4	0.00	253.58	11.76	241.81	200.72	41.09

Time = 180. Degree of Consolidation = 58.%

Total Settlement = 1.783

Settlement at End of Primary Consolidation = 3.065

Settlement caused by Primary Consolidation at time 180. = 1.783

Settlement caused by Secondary Compression at time 180. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 2.57

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.80	10.72	24.00	22.14	17.92

1	29.79	29.61	10.72	23.95	22.09	17.87
1	29.59	29.43	10.71	23.90	22.04	17.82
1	29.39	29.24	10.70	23.85	21.99	17.78
1	29.19	29.05	10.69	23.81	21.95	17.73
1	28.99	28.87	10.68	23.76	21.90	17.68
1	28.79	28.68	10.67	23.71	21.85	17.63
1	28.59	28.50	10.67	23.66	21.80	17.58
1	28.39	28.32	10.66	23.61	21.75	17.53
1	28.19	28.13	10.65	23.56	21.70	17.48
1	27.99	27.95	10.64	23.51	21.66	17.43
2	27.99	27.95	10.64	1.78	1.78	1.77
2	26.78	26.74	10.21	1.78	1.77	1.77
2	25.57	25.53	9.77	1.77	1.77	1.76
2	24.36	24.32	9.33	1.77	1.76	1.76
2	23.15	23.11	8.90	1.76	1.75	1.75
2	21.95	21.91	8.46	1.75	1.75	1.74
2	20.75	20.72	8.02	1.74	1.74	1.73
2	19.55	19.52	7.58	1.73	1.73	1.72
2	18.36	18.33	7.15	1.72	1.72	1.71
2	17.17	17.15	6.71	1.71	1.71	1.69
2	15.99	15.97	6.27	1.70	1.70	1.68
3	15.99	15.97	6.27	1.62	1.62	1.60
3	14.36	14.33	5.65	1.60	1.60	1.59
3	12.73	12.70	5.02	1.59	1.58	1.58
3	11.11	11.09	4.39	1.57	1.57	1.56
3	9.50	9.48	3.76	1.56	1.56	1.55
3	7.90	7.88	3.14	1.55	1.54	1.54

3	6.30	6.29	2.51	1.54	1.53	1.53
3	4.72	4.71	1.88	1.52	1.52	1.51
3	3.14	3.13	1.25	1.51	1.51	1.50
3	1.56	1.56	0.63	1.50	1.49	1.49
3	0.00	0.00	0.00	1.49	1.48	1.47

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.80	240.96	16.20	224.76	188.11	36.65
1	29.61	253.04	16.61	236.42	199.76	36.66
1	29.43	265.09	17.03	248.06	211.38	36.67
1	29.24	277.11	17.44	259.67	222.99	36.68
1	29.05	289.11	17.86	271.25	234.56	36.69
1	28.87	301.09	18.28	282.81	246.12	36.69
1	28.68	313.04	18.70	294.35	257.65	36.70
1	28.50	324.97	19.12	305.86	269.15	36.70
1	28.32	336.88	19.54	317.34	280.64	36.70
1	28.13	348.76	19.96	328.80	292.09	36.71
1	27.95	360.61	20.38	340.23	303.52	36.71
1	27.95	360.61	20.38	340.23	303.52	36.71
2	26.74	480.43	66.53	413.90	379.19	34.72
2	25.53	600.12	117.03	483.09	454.71	28.38
2	24.32	719.63	168.00	551.62	530.06	21.56
2	23.11	838.94	223.35	615.60	605.22	10.38
2	21.91	958.06	264.54	693.52	680.18	13.34
2	20.72	1076.96	293.23	783.73	754.92	28.82
2	19.52	1195.63	324.68	870.94	829.43	41.52

2	18.33	1314.05	360.05	953.99	903.69	50.31
2	17.15	1432.17	401.66	1030.51	977.65	52.85
2	15.97	1549.96	445.82	1104.14	1051.29	52.85
2	15.97	1549.96	445.82	1104.14	1051.29	52.85
3	14.33	1714.00	507.68	1206.32	1153.46	52.85
3	12.70	1877.26	587.66	1289.61	1254.87	34.73
3	11.09	2039.95	656.96	1382.99	1355.70	27.29
3	9.48	2202.11	722.56	1479.55	1456.01	23.54
3	7.88	2363.77	786.37	1577.40	1555.80	21.59
3	6.29	2524.93	848.90	1676.02	1655.11	20.92
3	4.71	2685.60	910.19	1775.41	1753.92	21.48
3	3.13	2845.80	970.12	1875.69	1852.27	23.42
3	1.56	3005.54	1027.56	1977.98	1950.14	27.83
3	0.00	3164.79	1085.71	2079.07	2047.53	31.54

Time = 240. Degree of Consolidation = 32.%

Total Settlement = 0.194

Settlement at End of Primary Consolidation = 0.608

Settlement caused by Primary Consolidation at time 240. = 0.194

Settlement caused by Secondary Compression at time 240. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	5.00	3.01	0.50	9.10	9.10	9.10

4	4.90	2.92	0.49	9.10	8.54	8.19
4	4.80	2.83	0.48	9.10	8.04	7.28
4	4.70	2.74	0.47	9.10	7.60	6.37
4	4.60	2.65	0.46	9.10	7.21	5.46
4	4.50	2.58	0.45	9.10	6.88	4.80
4	4.40	2.50	0.44	9.10	6.59	4.78
4	4.30	2.42	0.43	9.10	6.34	4.77
4	4.20	2.35	0.42	9.10	6.13	4.76
4	4.10	2.28	0.41	9.10	5.95	4.75
4	4.00	2.22	0.40	9.10	5.79	4.63
4	4.00	2.22	0.40	9.10	5.79	4.63
4	3.90	2.15	0.39	9.10	5.64	4.41
4	3.80	2.08	0.38	9.10	5.51	4.20
4	3.70	2.02	0.37	9.10	5.40	3.99
4	3.60	1.96	0.36	9.10	5.30	3.78
4	3.50	1.90	0.35	9.10	5.22	3.57
4	3.40	1.83	0.34	9.10	5.15	3.36
4	3.30	1.77	0.33	9.10	5.10	3.15
4	3.20	1.71	0.32	9.10	5.05	2.93
4	3.10	1.65	0.31	9.10	5.00	2.72
4	3.00	1.59	0.30	9.10	4.97	2.51
4	3.00	1.59	0.30	9.10	4.97	2.51
4	2.90	1.54	0.29	9.10	4.93	2.30
4	2.80	1.48	0.28	9.10	4.90	2.09
4	2.70	1.42	0.27	9.10	4.87	1.88
4	2.60	1.36	0.26	9.10	4.85	1.74
4	2.50	1.30	0.25	9.10	4.83	1.73

4	2.40	1.25	0.24	9.10	4.81	1.73
4	2.30	1.19	0.23	9.10	4.80	1.72
4	2.20	1.13	0.22	9.10	4.78	1.72
4	2.10	1.07	0.21	9.10	4.77	1.71
4	2.00	1.02	0.20	9.10	4.75	1.71
4	2.00	1.02	0.20	9.10	4.75	1.71
4	1.90	0.96	0.19	9.10	4.67	1.70
4	1.80	0.90	0.18	9.10	4.59	1.70
4	1.70	0.85	0.17	9.10	4.53	1.69
4	1.60	0.79	0.16	9.10	4.48	1.69
4	1.50	0.74	0.15	9.10	4.42	1.68
4	1.40	0.69	0.14	9.10	4.37	1.68
4	1.30	0.63	0.13	9.10	4.31	1.67
4	1.20	0.58	0.12	9.10	4.26	1.67
4	1.10	0.53	0.11	9.10	4.20	1.66
4	1.00	0.48	0.10	9.10	4.14	1.66
4	1.00	0.48	0.10	9.10	4.14	1.66
4	0.90	0.43	0.09	9.10	4.09	1.65
4	0.80	0.38	0.08	9.10	4.03	1.65
4	0.70	0.33	0.07	9.10	3.97	1.64
4	0.60	0.28	0.06	9.10	3.91	1.64
4	0.50	0.23	0.05	9.10	3.84	1.63
4	0.40	0.18	0.04	9.10	3.78	1.63
4	0.30	0.14	0.03	9.10	3.71	1.62
4	0.20	0.09	0.02	9.10	3.64	1.62
4	0.10	0.04	0.01	9.10	3.57	1.61
4	0.00	0.00	0.00	9.10	3.50	1.61

		***** Stresses *****		***** Pore Pressures *****		
Material	XI	Total	Effective	Total	Static	Excess
4	3.01	0.00	0.00	0.00	0.00	0.00
4	2.92	7.12	0.65	6.47	6.06	0.40
4	2.83	13.91	1.23	12.68	11.80	0.88
4	2.74	20.42	1.75	18.67	17.25	1.43
4	2.65	26.66	2.19	24.47	22.44	2.03
4	2.58	32.69	2.58	30.11	27.40	2.70
4	2.50	38.52	2.92	35.60	32.18	3.42
4	2.42	44.19	3.21	40.98	36.79	4.19
4	2.35	49.72	3.45	46.26	41.26	5.00
4	2.28	55.12	3.66	51.46	45.61	5.85
4	2.22	60.42	3.84	56.58	49.85	6.73
4	2.22	60.42	3.84	56.58	49.85	6.73
4	2.15	65.63	4.02	61.60	54.00	7.60
4	2.08	70.75	4.18	66.57	58.06	8.51
4	2.02	75.79	4.31	71.48	62.05	9.44
4	1.96	80.77	4.42	76.35	65.97	10.38
4	1.90	85.69	4.51	81.19	69.84	11.35
4	1.83	90.57	4.59	85.99	73.66	12.33
4	1.77	95.41	4.66	90.76	77.44	13.32
4	1.71	100.22	4.71	95.51	81.20	14.31
4	1.65	105.00	4.76	100.24	84.92	15.32
4	1.59	109.76	4.81	104.95	88.62	16.34
4	1.59	109.76	4.81	104.95	88.62	16.34
4	1.54	114.49	4.85	109.64	92.29	17.35

4	1.48	119.20	4.88	114.32	95.94	18.37
4	1.42	123.89	4.92	118.98	99.58	19.40
4	1.36	128.57	4.94	123.63	103.20	20.43
4	1.30	133.24	4.97	128.27	106.81	21.46
4	1.25	137.89	4.99	132.90	110.40	22.50
4	1.19	142.53	5.28	137.25	113.99	23.26
4	1.13	147.17	6.47	140.70	117.57	23.13
4	1.07	151.79	7.70	144.09	121.14	22.96
4	1.02	156.41	9.03	147.38	124.69	22.68
4	1.02	156.41	9.03	147.38	124.69	22.68
4	0.96	160.99	10.36	150.64	128.22	22.41
4	0.90	165.53	10.73	154.80	131.70	23.10
4	0.85	170.02	11.04	158.98	135.14	23.85
4	0.79	174.48	11.32	163.16	138.54	24.63
4	0.74	178.90	11.59	167.32	141.90	25.41
4	0.69	183.29	11.85	171.44	145.24	26.20
4	0.63	187.65	12.13	175.52	148.54	26.98
4	0.58	191.97	12.41	179.57	151.80	27.76
4	0.53	196.26	12.69	183.57	155.04	28.54
4	0.48	200.52	12.98	187.54	158.23	29.31
4	0.48	200.52	12.98	187.54	158.23	29.31
4	0.43	204.73	13.27	191.47	161.39	30.07
4	0.38	208.92	13.56	195.35	164.52	30.84
4	0.33	213.06	13.86	199.20	167.61	31.59
4	0.28	217.17	14.17	202.99	170.65	32.34
4	0.23	221.24	14.49	206.74	173.67	33.08
4	0.18	225.26	14.81	210.45	176.64	33.81

4	0.14	229.25	15.15	214.10	179.57	34.54
4	0.09	233.20	15.49	217.71	182.46	35.25
4	0.04	237.10	15.84	221.26	185.30	35.96
4	0.00	240.96	16.20	224.76	188.11	36.65

Time = 240. Degree of Consolidation = 65.%

Total Settlement = 1.985

Settlement at End of Primary Consolidation = 3.065

Settlement caused by Primary Consolidation at time 240. = 1.985

Settlement caused by Secondary Compression at time 240. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 2.32

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.70	10.72	24.00	21.13	17.92
1	29.79	29.52	10.72	23.95	21.08	17.87
1	29.59	29.34	10.71	23.90	21.04	17.82
1	29.39	29.17	10.70	23.85	20.99	17.78
1	29.19	28.99	10.69	23.81	20.94	17.73
1	28.99	28.81	10.68	23.76	20.89	17.68
1	28.79	28.64	10.67	23.71	20.84	17.63
1	28.59	28.46	10.67	23.66	20.80	17.58
1	28.39	28.28	10.66	23.61	20.75	17.53

1	28.19	28.11	10.65	23.56	20.70	17.48
1	27.99	27.93	10.64	23.51	20.65	17.43
2	27.99	27.93	10.64	1.78	1.78	1.77
2	26.78	26.72	10.21	1.78	1.77	1.77
2	25.57	25.51	9.77	1.77	1.77	1.76
2	24.36	24.30	9.33	1.77	1.76	1.76
2	23.15	23.10	8.90	1.76	1.75	1.75
2	21.95	21.90	8.46	1.75	1.74	1.74
2	20.75	20.70	8.02	1.74	1.74	1.73
2	19.55	19.51	7.58	1.73	1.73	1.72
2	18.36	18.32	7.15	1.72	1.72	1.71
2	17.17	17.13	6.71	1.71	1.71	1.69
2	15.99	15.95	6.27	1.70	1.70	1.68
3	15.99	15.95	6.27	1.62	1.62	1.60
3	14.36	14.31	5.65	1.60	1.60	1.59
3	12.73	12.69	5.02	1.59	1.58	1.58
3	11.11	11.08	4.39	1.57	1.57	1.56
3	9.50	9.47	3.76	1.56	1.55	1.55
3	7.90	7.87	3.14	1.55	1.54	1.54
3	6.30	6.28	2.51	1.54	1.53	1.53
3	4.72	4.70	1.88	1.52	1.52	1.51
3	3.14	3.13	1.25	1.51	1.50	1.50
3	1.56	1.56	0.63	1.50	1.49	1.49
3	0.00	0.00	0.00	1.49	1.48	1.47

***** Stresses *****

***** Pore Pressures *****

XI Material	Total	Effective	Total	Static	Excess
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1	29.70	213.57	24.95	188.62	160.72	27.90
1	29.52	225.14	25.36	199.77	171.86	27.92
1	29.34	236.68	25.78	210.90	182.98	27.92
1	29.17	248.20	26.19	222.01	194.07	27.93
1	28.99	259.69	26.61	233.08	205.14	27.94
1	28.81	271.16	27.03	244.14	216.19	27.94
1	28.64	282.61	27.45	255.16	227.21	27.95
1	28.46	294.03	27.87	266.16	238.21	27.95
1	28.28	305.43	28.29	277.14	249.19	27.95
1	28.11	316.80	28.71	288.09	260.14	27.96
1	27.93	328.15	29.13	299.02	271.06	27.96
1	27.93	328.15	29.13	299.02	271.06	27.96
2	26.72	447.94	76.62	371.33	346.70	24.63
2	25.51	567.60	126.10	441.49	422.19	19.30
2	24.30	687.08	177.43	509.64	497.51	12.13
2	23.10	806.36	232.19	574.17	572.64	1.53
2	21.90	925.44	268.22	657.22	647.56	9.66
2	20.70	1044.32	296.43	747.89	722.28	25.61
2	19.51	1162.96	327.19	835.77	796.76	39.01
2	18.32	1281.37	361.56	919.81	871.01	48.80
2	17.13	1399.49	401.66	997.82	944.97	52.85
2	15.95	1517.28	445.82	1071.46	1018.61	52.85
2	15.95	1517.28	445.82	1071.46	1018.61	52.85
3	14.31	1681.33	507.68	1173.65	1120.79	52.85
3	12.69	1844.56	595.10	1249.46	1222.17	27.29
3	11.08	2007.17	668.23	1338.94	1322.92	16.02
3	9.47	2169.24	735.80	1433.44	1423.13	10.31

3	7.87	2330.78	800.38	1530.40	1522.82	7.58
3	6.28	2491.84	862.88	1628.96	1622.01	6.94
3	4.70	2652.40	923.60	1728.81	1720.72	8.08
3	3.13	2812.50	982.59	1829.91	1818.97	10.94
3	1.56	2972.14	1038.44	1933.70	1916.75	16.95
3	0.00	3131.30	1096.54	2034.76	2014.05	20.71

Time = 365. Degree of Consolidation = 48.%

Total Settlement = 0.292

Settlement at End of Primary Consolidation = 0.608

Settlement caused by Primary Consolidation at time 365. = 0.292

Settlement caused by Secondary Compression at time 365. = 0.000

*****Current Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
4	5.00	2.58	0.50	9.10	9.10	9.10
4	4.90	2.48	0.49	9.10	8.48	8.19
4	4.80	2.39	0.48	9.10	7.93	7.28
4	4.70	2.30	0.47	9.10	7.45	6.37
4	4.60	2.22	0.46	9.10	7.03	5.46
4	4.50	2.14	0.45	9.10	6.67	4.80
4	4.40	2.07	0.44	9.10	6.36	4.78
4	4.30	2.00	0.43	9.10	6.10	4.77
4	4.20	1.93	0.42	9.10	5.88	4.76

4	4.10	1.86	0.41	9.10	5.69	4.75
4	4.00	1.79	0.40	9.10	5.54	4.63
4	4.00	1.79	0.40	9.10	5.54	4.63
4	3.90	1.73	0.39	9.10	5.38	4.41
4	3.80	1.67	0.38	9.10	5.25	4.20
4	3.70	1.61	0.37	9.10	5.14	3.99
4	3.60	1.55	0.36	9.10	5.06	3.78
4	3.50	1.49	0.35	9.10	4.98	3.57
4	3.40	1.43	0.34	9.10	4.92	3.36
4	3.30	1.37	0.33	9.10	4.87	3.15
4	3.20	1.31	0.32	9.10	4.83	2.93
4	3.10	1.25	0.31	9.10	4.80	2.72
4	3.00	1.20	0.30	9.10	4.76	2.51
4	3.00	1.20	0.30	9.10	4.76	2.51
4	2.90	1.14	0.29	9.10	4.46	2.30
4	2.80	1.09	0.28	9.10	4.20	2.09
4	2.70	1.04	0.27	9.10	4.02	1.88
4	2.60	0.99	0.26	9.10	3.88	1.74
4	2.50	0.94	0.25	9.10	3.76	1.73
4	2.40	0.89	0.24	9.10	3.66	1.73
4	2.30	0.85	0.23	9.10	3.58	1.72
4	2.20	0.80	0.22	9.10	3.50	1.72
4	2.10	0.76	0.21	9.10	3.42	1.71
4	2.00	0.72	0.20	9.10	3.35	1.71
4	2.00	0.72	0.20	9.10	3.35	1.71
4	1.90	0.67	0.19	9.10	3.28	1.70
4	1.80	0.63	0.18	9.10	3.21	1.70

4	1.70	0.59	0.17	9.10	3.15	1.69
4	1.60	0.55	0.16	9.10	3.08	1.69
4	1.50	0.51	0.15	9.10	3.01	1.68
4	1.40	0.47	0.14	9.10	2.94	1.68
4	1.30	0.43	0.13	9.10	2.87	1.67
4	1.20	0.39	0.12	9.10	2.80	1.67
4	1.10	0.36	0.11	9.10	2.72	1.66
4	1.00	0.32	0.10	9.10	2.65	1.66
4	1.00	0.32	0.10	9.10	2.65	1.66
4	0.90	0.28	0.09	9.10	2.57	1.65
4	0.80	0.25	0.08	9.10	2.50	1.65
4	0.70	0.21	0.07	9.10	2.41	1.64
4	0.60	0.18	0.06	9.10	2.33	1.64
4	0.50	0.15	0.05	9.10	2.24	1.63
4	0.40	0.12	0.04	9.10	2.15	1.63
4	0.30	0.09	0.03	9.10	2.06	1.62
4	0.20	0.06	0.02	9.10	1.96	1.62
4	0.10	0.03	0.01	9.10	1.86	1.61
4	0.00	0.00	0.00	9.10	1.75	1.61

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.58	0.00	0.00	0.00	0.00	0.00
4	2.48	7.10	0.72	6.38	6.05	0.34
4	2.39	13.85	1.36	12.49	11.73	0.76
4	2.30	20.27	1.92	18.35	17.10	1.25
4	2.22	26.42	2.40	24.01	22.19	1.82

4	2.14	32.32	2.82	29.50	27.04	2.46
4	2.07	38.02	3.18	34.84	31.68	3.16
4	2.00	43.54	3.49	40.06	36.14	3.91
4	1.93	48.92	3.75	45.17	40.46	4.71
4	1.86	54.16	3.96	50.20	44.65	5.55
4	1.79	59.31	4.14	55.16	48.74	6.43
4	1.79	59.31	4.14	55.16	48.74	6.43
4	1.73	64.35	4.32	60.03	52.73	7.30
4	1.67	69.31	4.47	64.84	56.63	8.21
4	1.61	74.20	4.60	69.60	60.46	9.14
4	1.55	79.02	4.70	74.32	64.22	10.10
4	1.49	83.80	4.79	79.01	67.94	11.07
4	1.43	88.53	4.86	83.67	71.62	12.05
4	1.37	93.23	4.92	88.31	75.26	13.05
4	1.31	97.90	4.96	92.94	78.87	14.06
4	1.25	102.55	5.34	97.21	82.47	14.75
4	1.20	107.18	8.36	98.82	86.04	12.78
4	1.20	107.18	8.36	98.82	86.04	12.78
4	1.14	111.70	11.38	100.32	89.50	10.82
4	1.09	116.05	12.69	103.36	92.79	10.57
4	1.04	120.26	13.61	106.65	95.95	10.70
4	0.99	124.37	14.32	110.06	99.00	11.05
4	0.94	128.41	14.89	113.52	101.98	11.54
4	0.89	132.38	15.38	116.99	104.89	12.10
4	0.85	136.29	15.82	120.47	107.74	12.73
4	0.80	140.15	16.21	123.94	110.55	13.39
4	0.76	143.96	16.58	127.38	113.30	14.08

4	0.72	147.73	16.93	130.80	116.02	14.78
4	0.72	147.73	16.93	130.80	116.02	14.78
4	0.67	151.45	17.28	134.17	118.68	15.49
4	0.63	155.13	17.63	137.51	121.31	16.20
4	0.59	158.77	17.97	140.80	123.89	16.91
4	0.55	162.37	18.31	144.06	126.43	17.63
4	0.51	165.93	18.65	147.27	128.93	18.35
4	0.47	169.44	19.00	150.44	131.38	19.06
4	0.43	172.91	19.35	153.56	133.80	19.76
4	0.39	176.34	19.71	156.62	136.17	20.46
4	0.36	179.72	20.08	159.64	138.49	21.15
4	0.32	183.05	20.46	162.60	140.77	21.83
4	0.32	183.05	20.46	162.60	140.77	21.83
4	0.28	186.34	20.83	165.51	143.00	22.51
4	0.25	189.58	21.22	168.36	145.18	23.17
4	0.21	192.77	21.63	171.14	147.32	23.83
4	0.18	195.91	22.05	173.87	149.40	24.46
4	0.15	199.00	22.48	176.52	151.43	25.09
4	0.12	202.03	22.94	179.10	153.41	25.69
4	0.09	205.01	23.41	181.60	155.33	26.28
4	0.06	207.93	23.90	184.03	157.19	26.84
4	0.03	210.78	24.41	186.37	158.98	27.39
4	0.00	213.57	24.95	188.62	160.72	27.90

Time = 365. Degree of Consolidation = 79.%

Total Settlement = 2.424

Settlement at End of Primary Consolidation = 3.065

Settlement caused by Primary Consolidation at time 365. =
2.424

Settlement caused by Secondary Compression at time 365. =
0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.78

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.68	10.72	24.00	21.02	17.92
1	29.79	29.50	10.72	23.95	20.97	17.87
1	29.59	29.32	10.71	23.90	20.92	17.82
1	29.39	29.15	10.70	23.85	20.88	17.78
1	29.19	28.97	10.69	23.81	20.83	17.73
1	28.99	28.79	10.68	23.76	20.78	17.68
1	28.79	28.62	10.67	23.71	20.73	17.63
1	28.59	28.44	10.67	23.66	20.68	17.58
1	28.39	28.27	10.66	23.61	20.63	17.53
1	28.19	28.09	10.65	23.56	20.58	17.48
1	27.99	27.92	10.64	23.51	20.53	17.43
2	27.99	27.92	10.64	1.78	1.78	1.77
2	26.78	26.71	10.21	1.78	1.77	1.77
2	25.57	25.50	9.77	1.77	1.77	1.76
2	24.36	24.29	9.33	1.77	1.76	1.76
2	23.15	23.09	8.90	1.76	1.75	1.75

2	21.95	21.89	8.46	1.75	1.74	1.74
2	20.75	20.69	8.02	1.74	1.74	1.73
2	19.55	19.50	7.58	1.73	1.73	1.72
2	18.36	18.31	7.15	1.72	1.72	1.71
2	17.17	17.12	6.71	1.71	1.71	1.69
2	15.99	15.94	6.27	1.70	1.70	1.68
3	15.99	15.94	6.27	1.62	1.62	1.60
3	14.36	14.30	5.65	1.60	1.60	1.59
3	12.73	12.68	5.02	1.59	1.58	1.58
3	11.11	11.07	4.39	1.57	1.56	1.56
3	9.50	9.46	3.76	1.56	1.55	1.55
3	7.90	7.87	3.14	1.55	1.54	1.54
3	6.30	6.28	2.51	1.54	1.53	1.53
3	4.72	4.70	1.88	1.52	1.51	1.51
3	3.14	3.12	1.25	1.51	1.50	1.50
3	1.56	1.56	0.63	1.50	1.49	1.49
3	0.00	0.00	0.00	1.49	1.48	1.47

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.68	205.26	25.90	179.36	152.41	26.96
1	29.50	216.77	26.32	190.45	163.50	26.96
1	29.32	228.26	26.74	201.52	174.56	26.96
1	29.15	239.72	27.17	212.56	185.60	26.96
1	28.97	251.16	27.59	223.57	196.61	26.96
1	28.79	262.57	28.01	234.56	207.60	26.96
1	28.62	273.96	28.44	245.53	218.57	26.96

1	28.44	285.33	28.86	256.47	229.51	26.96
1	28.27	296.67	29.28	267.38	240.42	26.96
1	28.09	307.98	29.71	278.27	251.32	26.96
1	27.92	319.27	30.13	289.14	262.18	26.96
1	27.92	319.27	30.13	289.14	262.18	26.96
2	26.71	439.06	79.34	359.72	337.81	21.91
2	25.50	558.70	129.10	429.60	413.30	16.30
2	24.29	678.17	180.25	497.92	488.61	9.32
2	23.09	797.45	233.72	563.72	563.72	0.00
2	21.89	916.52	269.41	647.11	638.64	8.47
2	20.69	1035.39	297.83	737.56	713.35	24.21
2	19.50	1154.02	328.49	825.53	787.83	37.71
2	18.31	1272.42	362.41	910.00	862.06	47.94
2	17.12	1390.53	401.66	988.87	936.02	52.85
2	15.94	1508.33	445.82	1062.51	1009.66	52.85
2	15.94	1508.33	445.82	1062.51	1009.66	52.85
3	14.30	1672.40	507.68	1164.72	1111.86	52.85
3	12.68	1835.58	605.69	1229.89	1213.19	16.70
3	11.07	1998.10	681.33	1316.76	1313.85	2.92
3	9.46	2160.07	746.11	1413.96	1413.96	0.00
3	7.87	2321.55	807.96	1513.58	1513.58	0.00
3	6.28	2482.54	869.82	1612.72	1612.72	0.00
3	4.70	2643.05	931.68	1711.37	1711.37	0.00
3	3.12	2803.08	993.54	1809.54	1809.54	0.00
3	1.56	2962.62	1051.42	1911.19	1907.22	3.97
3	0.00	3121.65	1110.60	2011.06	2004.40	6.65

Time = 730. Degree of Consolidation = 52.%

Total Settlement = 0.313

Settlement at End of Primary Consolidation = 0.608

Settlement caused by Primary Consolidation at time 730. =
0.313

Settlement caused by Secondary Compression at time 730. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	5.00	2.44	0.50	9.10	9.10	9.10
4	4.90	2.35	0.49	9.10	8.48	8.19
4	4.80	2.25	0.48	9.10	7.93	7.28
4	4.70	2.17	0.47	9.10	7.45	6.37
4	4.60	2.09	0.46	9.10	7.03	5.46
4	4.50	2.01	0.45	9.10	6.67	4.80
4	4.40	1.94	0.44	9.10	6.36	4.78
4	4.30	1.86	0.43	9.10	6.09	4.77
4	4.20	1.79	0.42	9.10	5.87	4.76
4	4.10	1.73	0.41	9.10	5.69	4.75
4	4.00	1.66	0.40	9.10	5.53	4.63
4	4.00	1.66	0.40	9.10	5.53	4.63
4	3.90	1.60	0.39	9.10	5.37	4.41
4	3.80	1.54	0.38	9.10	5.25	4.20
4	3.70	1.47	0.37	9.10	5.14	3.99
4	3.60	1.41	0.36	9.10	5.05	3.78

4	3.50	1.35	0.35	9.10	4.98	3.57
4	3.40	1.30	0.34	9.10	4.92	3.36
4	3.30	1.24	0.33	9.10	4.87	3.15
4	3.20	1.18	0.32	9.10	4.83	2.93
4	3.10	1.12	0.31	9.10	4.79	2.72
4	3.00	1.06	0.30	9.10	4.75	2.51
4	3.00	1.06	0.30	9.10	4.75	2.51
4	2.90	1.01	0.29	9.10	4.26	2.30
4	2.80	0.96	0.28	9.10	3.90	2.09
4	2.70	0.91	0.27	9.10	3.64	1.88
4	2.60	0.87	0.26	9.10	3.44	1.74
4	2.50	0.82	0.25	9.10	3.28	1.73
4	2.40	0.78	0.24	9.10	3.14	1.73
4	2.30	0.74	0.23	9.10	3.03	1.72
4	2.20	0.70	0.22	9.10	2.92	1.72
4	2.10	0.67	0.21	9.10	2.83	1.71
4	2.00	0.63	0.20	9.10	2.75	1.71
4	2.00	0.63	0.20	9.10	2.75	1.71
4	1.90	0.59	0.19	9.10	2.67	1.70
4	1.80	0.56	0.18	9.10	2.59	1.70
4	1.70	0.52	0.17	9.10	2.52	1.69
4	1.60	0.49	0.16	9.10	2.46	1.69
4	1.50	0.45	0.15	9.10	2.40	1.68
4	1.40	0.42	0.14	9.10	2.34	1.68
4	1.30	0.39	0.13	9.10	2.29	1.67
4	1.20	0.35	0.12	9.10	2.24	1.67
4	1.10	0.32	0.11	9.10	2.19	1.66

4	1.00	0.29	0.10	9.10	2.14	1.66
4	1.00	0.29	0.10	9.10	2.14	1.66
4	0.90	0.26	0.09	9.10	2.09	1.65
4	0.80	0.23	0.08	9.10	2.05	1.65
4	0.70	0.20	0.07	9.10	2.01	1.64
4	0.60	0.17	0.06	9.10	1.96	1.64
4	0.50	0.14	0.05	9.10	1.92	1.63
4	0.40	0.11	0.04	9.10	1.88	1.63
4	0.30	0.08	0.03	9.10	1.84	1.62
4	0.20	0.05	0.02	9.10	1.81	1.62
4	0.10	0.03	0.01	9.10	1.77	1.61
4	0.00	0.00	0.00	9.10	1.74	1.61

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.44	0.00	0.00	0.00	0.00	0.00
4	2.35	7.10	0.72	6.38	6.05	0.34
4	2.25	13.84	1.36	12.48	11.73	0.75
4	2.17	20.27	1.92	18.34	17.09	1.25
4	2.09	26.41	2.41	24.00	22.18	1.82
4	2.01	32.31	2.83	29.48	27.02	2.45
4	1.94	38.00	3.19	34.81	31.66	3.15
4	1.86	43.52	3.50	40.03	36.12	3.90
4	1.79	48.89	3.75	45.14	40.44	4.70
4	1.73	54.14	3.97	50.17	44.62	5.54
4	1.66	59.27	4.15	55.12	48.70	6.42
4	1.66	59.27	4.15	55.12	48.70	6.42

4	1.60	64.32	4.33	59.98	52.69	7.30
4	1.54	69.27	4.48	64.79	56.59	8.20
4	1.47	74.15	4.61	69.55	60.41	9.14
4	1.41	78.97	4.71	74.26	64.17	10.09
4	1.35	83.74	4.79	78.95	67.89	11.06
4	1.30	88.48	4.86	83.61	71.56	12.05
4	1.24	93.17	4.92	88.25	75.20	13.05
4	1.18	97.84	4.97	92.87	78.81	14.06
4	1.12	102.49	5.79	96.70	82.40	14.29
4	1.06	107.11	9.10	98.01	85.97	12.04
4	1.06	107.11	9.10	98.01	85.97	12.04
4	1.01	111.56	12.41	99.15	89.36	9.79
4	0.96	115.75	14.21	101.53	92.49	9.04
4	0.91	119.75	15.50	104.25	95.43	8.81
4	0.87	123.61	16.50	107.11	98.24	8.87
4	0.82	127.36	17.31	110.05	100.93	9.12
4	0.78	131.01	17.99	113.03	103.53	9.50
4	0.74	134.59	18.57	116.02	106.05	9.97
4	0.70	138.10	19.09	119.02	108.51	10.51
4	0.67	141.56	19.54	122.01	110.90	11.11
4	0.63	144.95	19.96	125.00	113.24	11.76
4	0.63	144.95	19.96	125.00	113.24	11.76
4	0.59	148.30	20.37	127.93	115.53	12.40
4	0.56	151.60	20.74	130.86	117.77	13.08
4	0.52	154.85	21.09	133.76	119.97	13.79
4	0.49	158.07	21.41	136.65	122.13	14.53
4	0.45	161.24	21.72	139.53	124.24	15.28

4	0.42	164.38	22.00	142.38	126.32	16.05
4	0.39	167.48	22.27	145.21	128.37	16.84
4	0.35	170.55	22.52	148.03	130.39	17.65
4	0.32	173.60	22.77	150.83	132.37	18.46
4	0.29	176.61	23.00	153.61	134.32	19.28
4	0.29	176.61	23.00	153.61	134.32	19.28
4	0.26	179.59	23.23	156.36	136.25	20.11
4	0.23	182.54	23.46	159.09	138.15	20.94
4	0.20	185.47	23.67	161.80	140.02	21.78
4	0.17	188.37	23.88	164.49	141.86	22.63
4	0.14	191.25	24.09	167.16	143.68	23.48
4	0.11	194.10	24.29	169.81	145.47	24.34
4	0.08	196.92	24.48	172.44	147.24	25.20
4	0.05	199.73	24.67	175.05	148.99	26.07
4	0.03	202.50	24.86	177.65	150.71	26.94
4	0.00	205.26	25.90	179.36	152.41	26.96

Time = 730. Degree of Consolidation = 83.%

Total Settlement = 2.558

Settlement at End of Primary Consolidation = 3.065

Settlement caused by Primary Consolidation at time 730. = 2.558

Settlement caused by Secondary Compression at time 730. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.63

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****

***** Void Ratios *****

Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.68	10.72	24.00	21.02	17.92
1	29.79	29.50	10.72	23.95	20.97	17.87
1	29.59	29.32	10.71	23.90	20.92	17.82
1	29.39	29.15	10.70	23.85	20.88	17.78
1	29.19	28.97	10.69	23.81	20.83	17.73
1	28.99	28.79	10.68	23.76	20.78	17.68
1	28.79	28.62	10.67	23.71	20.73	17.63
1	28.59	28.44	10.67	23.66	20.68	17.58
1	28.39	28.27	10.66	23.61	20.63	17.53
1	28.19	28.09	10.65	23.56	20.58	17.48
1	27.99	27.92	10.64	23.51	20.53	17.43
2	27.99	27.92	10.64	1.78	1.78	1.77
2	26.78	26.71	10.21	1.78	1.77	1.77
2	25.57	25.50	9.77	1.77	1.77	1.76
2	24.36	24.29	9.33	1.77	1.76	1.76
2	23.15	23.09	8.90	1.76	1.75	1.75
2	21.95	21.89	8.46	1.75	1.74	1.74
2	20.75	20.69	8.02	1.74	1.74	1.73
2	19.55	19.50	7.58	1.73	1.73	1.72
2	18.36	18.31	7.15	1.72	1.72	1.71
2	17.17	17.12	6.71	1.71	1.71	1.69
2	15.99	15.94	6.27	1.70	1.70	1.68
3	15.99	15.94	6.27	1.62	1.62	1.60
3	14.36	14.30	5.65	1.60	1.60	1.59

3	12.73	12.68	5.02	1.59	1.58	1.58
3	11.11	11.07	4.39	1.57	1.56	1.56
3	9.50	9.46	3.76	1.56	1.55	1.55
3	7.90	7.87	3.14	1.55	1.54	1.54
3	6.30	6.28	2.51	1.54	1.53	1.53
3	4.72	4.70	1.88	1.52	1.51	1.51
3	3.14	3.12	1.25	1.51	1.50	1.50
3	1.56	1.56	0.63	1.50	1.49	1.49
3	0.00	0.00	0.00	1.49	1.48	1.47

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.68	205.26	25.90	179.36	152.40	26.96
1	29.50	216.77	26.32	190.45	163.49	26.96
1	29.32	228.25	26.74	201.51	174.55	26.96
1	29.15	239.72	27.17	212.55	185.59	26.96
1	28.97	251.15	27.59	223.56	196.61	26.96
1	28.79	262.57	28.01	234.55	207.60	26.96
1	28.62	273.96	28.44	245.52	218.56	26.96
1	28.44	285.32	28.86	256.46	229.50	26.96
1	28.27	296.66	29.28	267.38	240.42	26.96
1	28.09	307.98	29.71	278.27	251.31	26.96
1	27.92	319.27	30.13	289.14	262.18	26.96
1	27.92	319.27	30.13	289.14	262.18	26.96
2	26.71	439.06	79.34	359.72	337.81	21.91
2	25.50	558.70	129.10	429.59	413.29	16.30
2	24.29	678.16	180.25	497.92	488.60	9.32

2	23.09	797.44	233.72	563.72	563.72	0.00
2	21.89	916.52	269.41	647.11	638.63	8.47
2	20.69	1035.38	297.83	737.55	713.34	24.21
2	19.50	1154.02	328.49	825.53	787.82	37.71
2	18.31	1272.41	362.41	910.00	862.06	47.94
2	17.12	1390.53	401.66	988.87	936.01	52.85
2	15.94	1508.32	445.82	1062.50	1009.65	52.85
2	15.94	1508.32	445.82	1062.50	1009.65	52.85
3	14.30	1672.39	507.68	1164.71	1111.86	52.85
3	12.68	1835.58	605.88	1229.69	1213.19	16.51
3	11.07	1998.09	681.47	1316.62	1313.84	2.78
3	9.46	2160.06	746.11	1413.95	1413.95	0.00
3	7.87	2321.54	807.96	1513.58	1513.58	0.00
3	6.28	2482.53	869.82	1612.71	1612.71	0.00
3	4.70	2643.04	931.68	1711.37	1711.37	0.00
3	3.12	2803.07	993.54	1809.53	1809.53	0.00
3	1.56	2962.61	1051.46	1911.14	1907.22	3.93
3	0.00	3121.65	1110.66	2010.99	2004.39	6.59

Time = 1825. Degree of Consolidation = 52.%

Total Settlement = 0.313

Settlement at End of Primary Consolidation = 0.608

Settlement caused by Primary Consolidation at time 1825. =
0.313

Settlement caused by Secondary Compression at time 1825. =
0.000

*****Current Conditions in Dredged Fill*****

***** Coordinates *****

***** Void Ratios *****

Material	A	XI	Z	Einitial	E	Eeop
4	5.00	2.44	0.50	9.10	9.10	9.10
4	4.90	2.35	0.49	9.10	8.48	8.19
4	4.80	2.25	0.48	9.10	7.93	7.28
4	4.70	2.17	0.47	9.10	7.45	6.37
4	4.60	2.09	0.46	9.10	7.03	5.46
4	4.50	2.01	0.45	9.10	6.67	4.80
4	4.40	1.93	0.44	9.10	6.36	4.78
4	4.30	1.86	0.43	9.10	6.09	4.77
4	4.20	1.79	0.42	9.10	5.87	4.76
4	4.10	1.73	0.41	9.10	5.69	4.75
4	4.00	1.66	0.40	9.10	5.53	4.63
4	4.00	1.66	0.40	9.10	5.53	4.63
4	3.90	1.60	0.39	9.10	5.37	4.41
4	3.80	1.54	0.38	9.10	5.25	4.20
4	3.70	1.47	0.37	9.10	5.14	3.99
4	3.60	1.41	0.36	9.10	5.05	3.78
4	3.50	1.35	0.35	9.10	4.98	3.57
4	3.40	1.30	0.34	9.10	4.92	3.36
4	3.30	1.24	0.33	9.10	4.87	3.15
4	3.20	1.18	0.32	9.10	4.83	2.93
4	3.10	1.12	0.31	9.10	4.79	2.72
4	3.00	1.06	0.30	9.10	4.75	2.51
4	3.00	1.06	0.30	9.10	4.75	2.51
4	2.90	1.01	0.29	9.10	4.26	2.30

4	2.80	0.96	0.28	9.10	3.90	2.09
4	2.70	0.91	0.27	9.10	3.64	1.88
4	2.60	0.87	0.26	9.10	3.44	1.74
4	2.50	0.82	0.25	9.10	3.28	1.73
4	2.40	0.78	0.24	9.10	3.14	1.73
4	2.30	0.74	0.23	9.10	3.02	1.72
4	2.20	0.70	0.22	9.10	2.92	1.72
4	2.10	0.67	0.21	9.10	2.83	1.71
4	2.00	0.63	0.20	9.10	2.75	1.71
4	2.00	0.63	0.20	9.10	2.75	1.71
4	1.90	0.59	0.19	9.10	2.67	1.70
4	1.80	0.55	0.18	9.10	2.59	1.70
4	1.70	0.52	0.17	9.10	2.52	1.69
4	1.60	0.49	0.16	9.10	2.46	1.69
4	1.50	0.45	0.15	9.10	2.40	1.68
4	1.40	0.42	0.14	9.10	2.34	1.68
4	1.30	0.39	0.13	9.10	2.29	1.67
4	1.20	0.35	0.12	9.10	2.23	1.67
4	1.10	0.32	0.11	9.10	2.19	1.66
4	1.00	0.29	0.10	9.10	2.14	1.66
4	1.00	0.29	0.10	9.10	2.14	1.66
4	0.90	0.26	0.09	9.10	2.09	1.65
4	0.80	0.23	0.08	9.10	2.05	1.65
4	0.70	0.20	0.07	9.10	2.01	1.64
4	0.60	0.17	0.06	9.10	1.96	1.64
4	0.50	0.14	0.05	9.10	1.92	1.63
4	0.40	0.11	0.04	9.10	1.88	1.63

4	0.30	0.08	0.03	9.10	1.84	1.62
4	0.20	0.05	0.02	9.10	1.81	1.62
4	0.10	0.03	0.01	9.10	1.77	1.61
4	0.00	0.00	0.00	9.10	1.74	1.61

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.44	0.00	0.00	0.00	0.00	0.00
4	2.35	7.10	0.72	6.38	6.05	0.34
4	2.25	13.84	1.36	12.48	11.73	0.75
4	2.17	20.27	1.92	18.34	17.09	1.25
4	2.09	26.41	2.41	24.00	22.18	1.82
4	2.01	32.31	2.83	29.48	27.02	2.45
4	1.93	38.00	3.19	34.81	31.66	3.15
4	1.86	43.52	3.50	40.03	36.12	3.90
4	1.79	48.89	3.75	45.14	40.44	4.70
4	1.73	54.14	3.97	50.17	44.62	5.54
4	1.66	59.27	4.15	55.12	48.70	6.42
4	1.66	59.27	4.15	55.12	48.70	6.42
4	1.60	64.32	4.33	59.98	52.69	7.30
4	1.54	69.27	4.48	64.79	56.59	8.20
4	1.47	74.15	4.61	69.55	60.41	9.14
4	1.41	78.97	4.71	74.26	64.17	10.09
4	1.35	83.74	4.79	78.95	67.89	11.06
4	1.30	88.48	4.86	83.61	71.56	12.05
4	1.24	93.17	4.92	88.25	75.20	13.05
4	1.18	97.84	4.97	92.87	78.81	14.06

4	1.12	102.49	5.79	96.69	82.40	14.29
4	1.06	107.11	9.10	98.01	85.97	12.04
4	1.06	107.11	9.10	98.01	85.97	12.04
4	1.01	111.56	12.41	99.15	89.36	9.79
4	0.96	115.75	14.21	101.53	92.49	9.04
4	0.91	119.75	15.50	104.25	95.43	8.81
4	0.87	123.61	16.50	107.11	98.24	8.87
4	0.82	127.36	17.31	110.05	100.93	9.12
4	0.78	131.01	17.99	113.02	103.53	9.50
4	0.74	134.59	18.58	116.02	106.05	9.97
4	0.70	138.10	19.09	119.01	108.50	10.51
4	0.67	141.55	19.55	122.01	110.90	11.11
4	0.63	144.95	19.96	124.99	113.24	11.75
4	0.63	144.95	19.96	124.99	113.24	11.75
4	0.59	148.30	20.37	127.93	115.53	12.40
4	0.55	151.60	20.75	130.85	117.77	13.08
4	0.52	154.85	21.09	133.76	119.97	13.79
4	0.49	158.06	21.42	136.65	122.12	14.52
4	0.45	161.24	21.72	139.52	124.24	15.28
4	0.42	164.38	22.00	142.37	126.32	16.05
4	0.39	167.48	22.27	145.21	128.37	16.84
4	0.35	170.55	22.53	148.02	130.38	17.64
4	0.32	173.59	22.77	150.82	132.36	18.46
4	0.29	176.60	23.00	153.60	134.32	19.28
4	0.29	176.60	23.00	153.60	134.32	19.28
4	0.26	179.58	23.23	156.35	136.24	20.11
4	0.23	182.54	23.46	159.08	138.14	20.94

4	0.20	185.47	23.67	161.79	140.01	21.78
4	0.17	188.37	23.88	164.48	141.85	22.63
4	0.14	191.24	24.09	167.15	143.67	23.48
4	0.11	194.09	24.29	169.80	145.47	24.34
4	0.08	196.92	24.48	172.44	147.23	25.20
4	0.05	199.72	24.67	175.05	148.98	26.07
4	0.03	202.50	24.86	177.64	150.70	26.94
4	0.00	205.26	25.90	179.36	152.40	26.96

Time = 1825. Degree of Consolidation = 83.%

Total Settlement = 2.558

Settlement at End of Primary Consolidation = 3.065

Settlement caused by Primary Consolidation at time 1825. = 2.558

Settlement caused by Secondary Compression at time 1825. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.63

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.68	10.72	24.00	21.02	17.92
1	29.79	29.50	10.72	23.95	20.97	17.87
1	29.59	29.32	10.71	23.90	20.92	17.82
1	29.39	29.15	10.70	23.85	20.88	17.78
1	29.19	28.97	10.69	23.81	20.83	17.73

1	28.99	28.79	10.68	23.76	20.78	17.68
1	28.79	28.62	10.67	23.71	20.73	17.63
1	28.59	28.44	10.67	23.66	20.68	17.58
1	28.39	28.27	10.66	23.61	20.63	17.53
1	28.19	28.09	10.65	23.56	20.58	17.48
1	27.99	27.92	10.64	23.51	20.53	17.43
2	27.99	27.92	10.64	1.78	1.78	1.77
2	26.78	26.71	10.21	1.78	1.77	1.77
2	25.57	25.50	9.77	1.77	1.77	1.76
2	24.36	24.29	9.33	1.77	1.76	1.76
2	23.15	23.09	8.90	1.76	1.75	1.75
2	21.95	21.89	8.46	1.75	1.74	1.74
2	20.75	20.69	8.02	1.74	1.74	1.73
2	19.55	19.50	7.58	1.73	1.73	1.72
2	18.36	18.31	7.15	1.72	1.72	1.71
2	17.17	17.12	6.71	1.71	1.71	1.69
2	15.99	15.94	6.27	1.70	1.70	1.68
3	15.99	15.94	6.27	1.62	1.62	1.60
3	14.36	14.30	5.65	1.60	1.60	1.59
3	12.73	12.68	5.02	1.59	1.58	1.58
3	11.11	11.07	4.39	1.57	1.56	1.56
3	9.50	9.46	3.76	1.56	1.55	1.55
3	7.90	7.87	3.14	1.55	1.54	1.54
3	6.30	6.28	2.51	1.54	1.53	1.53
3	4.72	4.70	1.88	1.52	1.51	1.51
3	3.14	3.12	1.25	1.51	1.50	1.50
3	1.56	1.56	0.63	1.50	1.49	1.49

	0.00	0.00	0.00	1.49	1.48	1.47
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3

***** Stresses ***** ***** Pore Pressures *****

	XI	Total	Effective	Total	Static	Excess
Material	29.68	205.26	25.90	179.36	152.40	26.96
1	29.50	216.77	26.32	190.45	163.49	26.96
1	29.32	228.25	26.74	201.51	174.55	26.96
1	29.15	239.72	27.17	212.55	185.59	26.96
1	28.97	251.15	27.59	223.56	196.61	26.96
1	28.79	262.57	28.01	234.55	207.60	26.96
1	28.62	273.96	28.44	245.52	218.56	26.96
1	28.44	285.32	28.86	256.46	229.50	26.96
1	28.27	296.66	29.28	267.38	240.42	26.96
1	28.09	307.98	29.71	278.27	251.31	26.96
1	27.92	319.27	30.13	289.14	262.18	26.96
1	27.92	319.27	30.13	289.14	262.18	26.96
2	26.71	439.06	79.34	359.72	337.81	21.91
2	25.50	558.70	129.10	429.59	413.29	16.30
2	24.29	678.16	180.25	497.92	488.60	9.32
2	23.09	797.44	233.72	563.72	563.72	0.00
2	21.89	916.52	269.41	647.11	638.63	8.47
2	20.69	1035.38	297.83	737.55	713.34	24.21
2	19.50	1154.02	328.49	825.53	787.82	37.71
2	18.31	1272.41	362.41	910.00	862.06	47.94
2	17.12	1390.53	401.66	988.87	936.01	52.85
2	15.94	1508.32	445.82	1062.50	1009.65	52.85
2	15.94	1508.32	445.82	1062.50	1009.65	52.85

3

3	14.30	1672.39	507.68	1164.71	1111.86	52.85
3	12.68	1835.58	605.88	1229.69	1213.19	16.51
3	11.07	1998.09	681.47	1316.62	1313.84	2.78
3	9.46	2160.06	746.11	1413.95	1413.95	0.00
3	7.87	2321.54	807.96	1513.58	1513.58	0.00
3	6.28	2482.53	869.82	1612.71	1612.71	0.00
3	4.70	2643.04	931.68	1711.37	1711.37	0.00
3	3.12	2803.07	993.54	1809.53	1809.53	0.00
3	1.56	2962.61	1051.46	1911.14	1907.22	3.93
3	0.00	3121.65	1110.66	2010.99	2004.39	6.59

Time = 3650. Degree of Consolidation = 52.%

Total Settlement = 0.313

Settlement at End of Primary Consolidation = 0.608

Settlement caused by Primary Consolidation at time 3650. = 0.313

Settlement caused by Secondary Compression at time 3650. = 0.000

*****Current Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
4	5.00	2.44	0.50	9.10	9.10	9.10
4	4.90	2.35	0.49	9.10	8.48	8.19
4	4.80	2.25	0.48	9.10	7.93	7.28
4	4.70	2.17	0.47	9.10	7.45	6.37
4	4.60	2.09	0.46	9.10	7.03	5.46

4	4.50	2.01	0.45	9.10	6.67	4.80
4	4.40	1.93	0.44	9.10	6.36	4.78
4	4.30	1.86	0.43	9.10	6.09	4.77
4	4.20	1.79	0.42	9.10	5.87	4.76
4	4.10	1.73	0.41	9.10	5.69	4.75
4	4.00	1.66	0.40	9.10	5.53	4.63
4	4.00	1.66	0.40	9.10	5.53	4.63
4	3.90	1.60	0.39	9.10	5.37	4.41
4	3.80	1.54	0.38	9.10	5.25	4.20
4	3.70	1.47	0.37	9.10	5.14	3.99
4	3.60	1.41	0.36	9.10	5.05	3.78
4	3.50	1.35	0.35	9.10	4.98	3.57
4	3.40	1.30	0.34	9.10	4.92	3.36
4	3.30	1.24	0.33	9.10	4.87	3.15
4	3.20	1.18	0.32	9.10	4.83	2.93
4	3.10	1.12	0.31	9.10	4.79	2.72
4	3.00	1.06	0.30	9.10	4.75	2.51
4	3.00	1.06	0.30	9.10	4.75	2.51
4	2.90	1.01	0.29	9.10	4.26	2.30
4	2.80	0.96	0.28	9.10	3.90	2.09
4	2.70	0.91	0.27	9.10	3.64	1.88
4	2.60	0.87	0.26	9.10	3.44	1.74
4	2.50	0.82	0.25	9.10	3.28	1.73
4	2.40	0.78	0.24	9.10	3.14	1.73
4	2.30	0.74	0.23	9.10	3.02	1.72
4	2.20	0.70	0.22	9.10	2.92	1.72
4	2.10	0.67	0.21	9.10	2.83	1.71

4	2.00	0.63	0.20	9.10	2.75	1.71
4	2.00	0.63	0.20	9.10	2.75	1.71
4	1.90	0.59	0.19	9.10	2.67	1.70
4	1.80	0.55	0.18	9.10	2.59	1.70
4	1.70	0.52	0.17	9.10	2.52	1.69
4	1.60	0.49	0.16	9.10	2.46	1.69
4	1.50	0.45	0.15	9.10	2.40	1.68
4	1.40	0.42	0.14	9.10	2.34	1.68
4	1.30	0.39	0.13	9.10	2.29	1.67
4	1.20	0.35	0.12	9.10	2.23	1.67
4	1.10	0.32	0.11	9.10	2.19	1.66
4	1.00	0.29	0.10	9.10	2.14	1.66
4	1.00	0.29	0.10	9.10	2.14	1.66
4	0.90	0.26	0.09	9.10	2.09	1.65
4	0.80	0.23	0.08	9.10	2.05	1.65
4	0.70	0.20	0.07	9.10	2.01	1.64
4	0.60	0.17	0.06	9.10	1.96	1.64
4	0.50	0.14	0.05	9.10	1.92	1.63
4	0.40	0.11	0.04	9.10	1.88	1.63
4	0.30	0.08	0.03	9.10	1.84	1.62
4	0.20	0.05	0.02	9.10	1.81	1.62
4	0.10	0.03	0.01	9.10	1.77	1.61
4	0.00	0.00	0.00	9.10	1.74	1.61

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.44	0.00	0.00	0.00	0.00	0.00

4	2.35	7.10	0.72	6.38	6.05	0.34
4	2.25	13.84	1.36	12.48	11.73	0.75
4	2.17	20.27	1.92	18.34	17.09	1.25
4	2.09	26.41	2.41	24.00	22.18	1.82
4	2.01	32.31	2.83	29.48	27.02	2.45
4	1.93	38.00	3.19	34.81	31.66	3.15
4	1.86	43.52	3.50	40.03	36.12	3.90
4	1.79	48.89	3.75	45.14	40.44	4.70
4	1.73	54.14	3.97	50.17	44.62	5.54
4	1.66	59.27	4.15	55.12	48.70	6.42
4	1.66	59.27	4.15	55.12	48.70	6.42
4	1.60	64.32	4.33	59.98	52.69	7.30
4	1.54	69.27	4.48	64.79	56.59	8.20
4	1.47	74.15	4.61	69.55	60.41	9.14
4	1.41	78.97	4.71	74.26	64.17	10.09
4	1.35	83.74	4.79	78.95	67.89	11.06
4	1.30	88.48	4.86	83.61	71.56	12.05
4	1.24	93.17	4.92	88.25	75.20	13.05
4	1.18	97.84	4.97	92.87	78.81	14.06
4	1.12	102.49	5.79	96.69	82.40	14.29
4	1.06	107.11	9.10	98.01	85.97	12.04
4	1.06	107.11	9.10	98.01	85.97	12.04
4	1.01	111.56	12.41	99.15	89.36	9.79
4	0.96	115.75	14.21	101.53	92.49	9.04
4	0.91	119.75	15.50	104.25	95.43	8.81
4	0.87	123.61	16.50	107.11	98.24	8.87
4	0.82	127.36	17.31	110.05	100.93	9.12

4	0.78	131.01	17.99	113.02	103.53	9.50
4	0.74	134.59	18.58	116.02	106.05	9.97
4	0.70	138.10	19.09	119.01	108.50	10.51
4	0.67	141.55	19.55	122.01	110.90	11.11
4	0.63	144.95	19.96	124.99	113.24	11.75
4	0.63	144.95	19.96	124.99	113.24	11.75
4	0.59	148.30	20.37	127.93	115.53	12.40
4	0.55	151.60	20.75	130.85	117.77	13.08
4	0.52	154.85	21.09	133.76	119.97	13.79
4	0.49	158.06	21.42	136.65	122.12	14.52
4	0.45	161.24	21.72	139.52	124.24	15.28
4	0.42	164.38	22.00	142.37	126.32	16.05
4	0.39	167.48	22.27	145.21	128.37	16.84
4	0.35	170.55	22.53	148.02	130.38	17.64
4	0.32	173.59	22.77	150.82	132.36	18.46
4	0.29	176.60	23.00	153.60	134.32	19.28
4	0.29	176.60	23.00	153.60	134.32	19.28
4	0.26	179.58	23.23	156.35	136.24	20.11
4	0.23	182.54	23.46	159.08	138.14	20.94
4	0.20	185.47	23.67	161.79	140.01	21.78
4	0.17	188.37	23.88	164.48	141.85	22.63
4	0.14	191.24	24.09	167.15	143.67	23.48
4	0.11	194.09	24.29	169.80	145.47	24.34
4	0.08	196.92	24.48	172.44	147.23	25.20
4	0.05	199.72	24.67	175.05	148.98	26.07
4	0.03	202.50	24.86	177.64	150.70	26.94
4	0.00	205.26	25.90	179.36	152.40	26.96

Time = 3650. Degree of Consolidation = 83.0%
 Total Settlement = 2.558
 Settlement at End of Primary Consolidation = 3.065
 Settlement caused by Primary Consolidation at time 3650. =
 2.558
 Settlement caused by Secondary Compression at time 3650. =
 0.000
 Settlement Due to Desiccation = 0.000
 Surface Elevation = 1.63

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.68	10.72	24.00	21.02	17.92
1	29.79	29.50	10.72	23.95	20.97	17.87
1	29.59	29.32	10.71	23.90	20.92	17.82
1	29.39	29.15	10.70	23.85	20.88	17.78
1	29.19	28.97	10.69	23.81	20.83	17.73
1	28.99	28.79	10.68	23.76	20.78	17.68
1	28.79	28.62	10.67	23.71	20.73	17.63
1	28.59	28.44	10.67	23.66	20.68	17.58
1	28.39	28.27	10.66	23.61	20.63	17.53
1	28.19	28.09	10.65	23.56	20.58	17.48
1	27.99	27.92	10.64	23.51	20.53	17.43
2	27.99	27.92	10.64	1.78	1.78	1.77
2	26.78	26.71	10.21	1.78	1.77	1.77

2	25.57	25.50	9.77	1.77	1.77	1.76
2	24.36	24.29	9.33	1.77	1.76	1.76
2	23.15	23.09	8.90	1.76	1.75	1.75
2	21.95	21.89	8.46	1.75	1.74	1.74
2	20.75	20.69	8.02	1.74	1.74	1.73
2	19.55	19.50	7.58	1.73	1.73	1.72
2	18.36	18.31	7.15	1.72	1.72	1.71
2	17.17	17.12	6.71	1.71	1.71	1.69
2	15.99	15.94	6.27	1.70	1.70	1.68
2	15.99	15.94	6.27	1.62	1.62	1.60
3	14.36	14.30	5.65	1.60	1.60	1.59
3	12.73	12.68	5.02	1.59	1.58	1.58
3	11.11	11.07	4.39	1.57	1.56	1.56
3	9.50	9.46	3.76	1.56	1.55	1.55
3	7.90	7.87	3.14	1.55	1.54	1.54
3	6.30	6.28	2.51	1.54	1.53	1.53
3	4.72	4.70	1.88	1.52	1.51	1.51
3	3.14	3.12	1.25	1.51	1.50	1.50
3	1.56	1.56	0.63	1.50	1.49	1.49
3	0.00	0.00	0.00	1.49	1.48	1.47

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.68	205.26	25.90	179.36	152.40	26.96
1	29.50	216.77	26.32	190.45	163.49	26.96
1	29.32	228.25	26.74	201.51	174.55	26.96
1	29.15	239.72	27.17	212.55	185.59	26.96

1	28.97	251.15	27.59	223.56	196.61	26.96
1	28.79	262.57	28.01	234.55	207.60	26.96
1	28.62	273.96	28.44	245.52	218.56	26.96
1	28.44	285.32	28.86	256.46	229.50	26.96
1	28.27	296.66	29.28	267.38	240.42	26.96
1	28.09	307.98	29.71	278.27	251.31	26.96
1	27.92	319.27	30.13	289.14	262.18	26.96
1	27.92	319.27	30.13	289.14	262.18	26.96
2	26.71	439.06	79.34	359.72	337.81	21.91
2	25.50	558.70	129.10	429.59	413.29	16.30
2	24.29	678.16	180.25	497.92	488.60	9.32
2	23.09	797.44	233.72	563.72	563.72	0.00
2	21.89	916.52	269.41	647.11	638.63	8.47
2	20.69	1035.38	297.83	737.55	713.34	24.21
2	19.50	1154.02	328.49	825.53	787.82	37.71
2	18.31	1272.41	362.41	910.00	862.06	47.94
2	17.12	1390.53	401.66	988.87	936.01	52.85
2	15.94	1508.32	445.82	1062.50	1009.65	52.85
2	15.94	1508.32	445.82	1062.50	1009.65	52.85
3	14.30	1672.39	507.68	1164.71	1111.86	52.85
3	12.68	1835.58	605.88	1229.69	1213.19	16.51
3	11.07	1998.09	681.47	1316.62	1313.84	2.78
3	9.46	2160.06	746.11	1413.95	1413.95	0.00
3	7.87	2321.54	807.96	1513.58	1513.58	0.00
3	6.28	2482.53	869.82	1612.71	1612.71	0.00
3	4.70	2643.04	931.68	1711.37	1711.37	0.00
3	3.12	2803.07	993.54	1809.53	1809.53	0.00

3	1.56	2962.61	1051.46	1911.14	1907.22	3.93
3	0.00	3121.65	1110.66	2010.99	2004.39	6.59

Time = 7300. Degree of Consolidation = 52.%

Total Settlement = 0.313

Settlement at End of Primary Consolidation = 0.608

Settlement caused by Primary Consolidation at time 7300. = 0.313

Settlement caused by Secondary Compression at time 7300. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
4	5.00	2.44	0.50	9.10	9.10	9.10
4	4.90	2.35	0.49	9.10	8.48	8.19
4	4.80	2.25	0.48	9.10	7.93	7.28
4	4.70	2.17	0.47	9.10	7.45	6.37
4	4.60	2.09	0.46	9.10	7.03	5.46
4	4.50	2.01	0.45	9.10	6.67	4.80
4	4.40	1.93	0.44	9.10	6.36	4.78
4	4.30	1.86	0.43	9.10	6.09	4.77
4	4.20	1.79	0.42	9.10	5.87	4.76
4	4.10	1.73	0.41	9.10	5.69	4.75
4	4.00	1.66	0.40	9.10	5.53	4.63
4	4.00	1.66	0.40	9.10	5.53	4.63
4	3.90	1.60	0.39	9.10	5.37	4.41

4	3.80	1.54	0.38	9.10	5.25	4.20
4	3.70	1.47	0.37	9.10	5.14	3.99
4	3.60	1.41	0.36	9.10	5.05	3.78
4	3.50	1.35	0.35	9.10	4.98	3.57
4	3.40	1.30	0.34	9.10	4.92	3.36
4	3.30	1.24	0.33	9.10	4.87	3.15
4	3.20	1.18	0.32	9.10	4.83	2.93
4	3.10	1.12	0.31	9.10	4.79	2.72
4	3.00	1.06	0.30	9.10	4.75	2.51
4	3.00	1.06	0.30	9.10	4.75	2.51
4	2.90	1.01	0.29	9.10	4.26	2.30
4	2.80	0.96	0.28	9.10	3.90	2.09
4	2.70	0.91	0.27	9.10	3.64	1.88
4	2.60	0.87	0.26	9.10	3.44	1.74
4	2.50	0.82	0.25	9.10	3.28	1.73
4	2.40	0.78	0.24	9.10	3.14	1.73
4	2.30	0.74	0.23	9.10	3.02	1.72
4	2.20	0.70	0.22	9.10	2.92	1.72
4	2.10	0.67	0.21	9.10	2.83	1.71
4	2.00	0.63	0.20	9.10	2.75	1.71
4	2.00	0.63	0.20	9.10	2.75	1.71
4	1.90	0.59	0.19	9.10	2.67	1.70
4	1.80	0.55	0.18	9.10	2.59	1.70
4	1.70	0.52	0.17	9.10	2.52	1.69
4	1.60	0.49	0.16	9.10	2.46	1.69
4	1.50	0.45	0.15	9.10	2.40	1.68
4	1.40	0.42	0.14	9.10	2.34	1.68

4	1.30	0.39	0.13	9.10	2.29	1.67
4	1.20	0.35	0.12	9.10	2.23	1.67
4	1.10	0.32	0.11	9.10	2.19	1.66
4	1.00	0.29	0.10	9.10	2.14	1.66
4	1.00	0.29	0.10	9.10	2.14	1.66
4	0.90	0.26	0.09	9.10	2.09	1.65
4	0.80	0.23	0.08	9.10	2.05	1.65
4	0.70	0.20	0.07	9.10	2.01	1.64
4	0.60	0.17	0.06	9.10	1.96	1.64
4	0.50	0.14	0.05	9.10	1.92	1.63
4	0.40	0.11	0.04	9.10	1.88	1.63
4	0.30	0.08	0.03	9.10	1.84	1.62
4	0.20	0.05	0.02	9.10	1.81	1.62
4	0.10	0.03	0.01	9.10	1.77	1.61
4	0.00	0.00	0.00	9.10	1.74	1.61

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
4	2.44	0.00	0.00	0.00	0.00	0.00
4	2.35	7.10	0.72	6.38	6.05	0.34
4	2.25	13.84	1.36	12.48	11.73	0.75
4	2.17	20.27	1.92	18.34	17.09	1.25
4	2.09	26.41	2.41	24.00	22.18	1.82
4	2.01	32.31	2.83	29.48	27.02	2.45
4	1.93	38.00	3.19	34.81	31.66	3.15
4	1.86	43.52	3.50	40.03	36.12	3.90
4	1.79	48.89	3.75	45.14	40.44	4.70

4	1.73	54.14	3.97	50.17	44.62	5.54
4	1.66	59.27	4.15	55.12	48.70	6.42
4	1.66	59.27	4.15	55.12	48.70	6.42
4	1.60	64.32	4.33	59.98	52.69	7.30
4	1.54	69.27	4.48	64.79	56.59	8.20
4	1.47	74.15	4.61	69.55	60.41	9.14
4	1.41	78.97	4.71	74.26	64.17	10.09
4	1.35	83.74	4.79	78.95	67.89	11.06
4	1.30	88.48	4.86	83.61	71.56	12.05
4	1.24	93.17	4.92	88.25	75.20	13.05
4	1.18	97.84	4.97	92.87	78.81	14.06
4	1.12	102.49	5.79	96.69	82.40	14.29
4	1.06	107.11	9.10	98.01	85.97	12.04
4	1.06	107.11	9.10	98.01	85.97	12.04
4	1.01	111.56	12.41	99.15	89.36	9.79
4	0.96	115.75	14.21	101.53	92.49	9.04
4	0.91	119.75	15.50	104.25	95.43	8.81
4	0.87	123.61	16.50	107.11	98.24	8.87
4	0.82	127.36	17.31	110.05	100.93	9.12
4	0.78	131.01	17.99	113.02	103.53	9.50
4	0.74	134.59	18.58	116.02	106.05	9.97
4	0.70	138.10	19.09	119.01	108.50	10.51
4	0.67	141.55	19.55	122.01	110.90	11.11
4	0.63	144.95	19.96	124.99	113.24	11.75
4	0.63	144.95	19.96	124.99	113.24	11.75
4	0.59	148.30	20.37	127.93	115.53	12.40
4	0.55	151.60	20.75	130.85	117.77	13.08

4	0.52	154.85	21.09	133.76	119.97	13.79
4	0.49	158.06	21.42	136.65	122.12	14.52
4	0.45	161.24	21.72	139.52	124.24	15.28
4	0.42	164.38	22.00	142.37	126.32	16.05
4	0.39	167.48	22.27	145.21	128.37	16.84
4	0.35	170.55	22.53	148.02	130.38	17.64
4	0.32	173.59	22.77	150.82	132.36	18.46
4	0.29	176.60	23.00	153.60	134.32	19.28
4	0.29	176.60	23.00	153.60	134.32	19.28
4	0.26	179.58	23.23	156.35	136.24	20.11
4	0.23	182.54	23.46	159.08	138.14	20.94
4	0.20	185.47	23.67	161.79	140.01	21.78
4	0.17	188.37	23.88	164.48	141.85	22.63
4	0.14	191.24	24.09	167.15	143.67	23.48
4	0.11	194.09	24.29	169.80	145.47	24.34
4	0.08	196.92	24.48	172.44	147.23	25.20
4	0.05	199.72	24.67	175.05	148.98	26.07
4	0.03	202.50	24.86	177.64	150.70	26.94
4	0.00	205.26	25.90	179.36	152.40	26.96

Time = 7300. Degree of Consolidation = 83.%

Total Settlement = 2.558

Settlement at End of Primary Consolidation = 3.065

Settlement caused by Primary Consolidation at time 7300. =
2.558

Settlement caused by Secondary Compression at time 7300. =
0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.63

 Consolidation and desiccation of soft layers---dredged fill

Problem Breton MCA-4- 4.0' FILL

*****Soil data for compressible foundation*****

Material Type	Layer Thickness	Numbers of Sub-layers	Ca/Cc	Cr/Cc	OCR
4	10.00	10	0.056	0.439	1.000
3	8.00	10	0.070	0.489	1.000
2	10.00	8	0.008	0.063	1.000
1	2.00	10	0.017	0.085	1.000

Material type : 4

Specific Gravity of Solids: 2.48

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	0.920	0.000E	0.136E-03	0.708E-04	-0.373E-04	-0.500E0.354E	
2	0.900	0.100E	0.136E-03	0.716E-04	-0.308E-02	-0.625E0.447E	
3	0.880	0.250E	0.365E-03	0.194E-03	0.924E-03	-0.100E0.194E	
4	0.860	0.500E	0.644E-04	0.346E-04	0.161E-02	-0.125E0.433E	
5	0.820	0.100E	0.178E-03	0.978E-04	-0.214E-03	-0.125E0.122E	
6	0.740	0.200E	0.105E-03	0.603E-04	0.468E-03	-0.125E0.754E	

Material type : 3

Specific Gravity of Solids: 2.57

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	1.630	0.000E	0.257E-03	0.977E-04	-0.376E-04	-0.333E0.326E	
2	1.600	0.100E	0.257E-03	0.988E-04	-0.115E-03	-0.500E0.494E	

3	1.580	0.250E	0.267E-03	0.103E-03	-0.235E-02	-0.571E0	.591E
4	1.530	0.500E	0.667E-03	0.264E-03	0.414E-03	-0.682E0	.180E
5	1.470	0.100E	0.143E-03	0.579E-04	0.939E-03	-0.600E0	.347E
6	1.280	0.200E	0.659E-04	0.289E-04	0.153E-03	-0.526E0	.152E

Material type : 2

Specific Gravity of Solids: 2.56

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	2.210	0.000E	0.107E-02	0.333E-03	-0.109E-03	-0.625E0	.208E
2	2.050	0.100E	0.107E-02	0.351E-03	0.420E-03	-0.781E0	.274E
3	1.890	0.250E	0.575E-03	0.199E-03	0.598E-03	-0.889E0	.177E
4	1.600	0.500E	0.212E-03	0.815E-04	0.287E-03	-0.150E0	.122E
5	1.390	0.100E	0.132E-03	0.552E-04	0.105E-03	-0.319E0	.176E
6	1.130	0.200E	0.681E-04	0.320E-04	0.895E-04	-0.385E0	.123E

Material type : 1

Specific Gravity of Solids: 1.84

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	24.000	0.000E	0.100E	0.400E-01	0.344E-02	-0.870E0	.348E
2	12.500	0.100E	0.655E-02	0.485E-03	0.288E-02	-0.181E0	.879E-02
3	10.200	0.250E	0.299E-02	0.267E-03	0.950E-04	-0.840E0	.224E-01
4	7.740	0.500E	0.288E-03	0.330E-04	0.699E-04	-0.209E0	.688E-02
5	6.610	0.100E	0.123E-03	0.162E-04	0.934E-05	-0.581E0	.940E-02
6	5.160	0.200E	0.545E-04	0.885E-05	0.505E-05	-0.690E0	.610E-02

*****Soil data for dredged fill*****

Material Saturation Type	Specific Gravity	Ca/Cc	Cr/Cc	Saturation Limit	Disication Limit	Max. Crust Depth	Crust at DL
5	2.711	0.011	0.048	4.041	2.154	0.321	0.420

Material type : 5

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	9.110	0.000E	0.100E	0.989E-02	0.112E-02	0.116E0.114E-01	
2	4.790	0.500E	0.292E-01	0.504E-02	0.214E-02	0.229E0.115E-01	
3	4.740	0.100E	0.300E-02	0.523E-03	0.142E-02	0.656E0.343E-02	
4	1.740	0.250E	0.198E-02	0.723E-03	0.611E-04	0.128E0.926E-02	
5	1.620	0.500E	0.870E-03	0.332E-03	0.133E-02	0.208E0.692E-01	
6	1.380	0.100E	0.577E-03	0.242E-03	0.965E-05	0.333E0.808E-01	
7	1.170	0.200E	0.730E-03	0.336E-03	0.366E-04	0.750E0.252E	
8	0.980	0.400E	0.451E-03	0.228E-03	0.572E-03	0.105E0.240E	

Summary of lifts and print detail

Time days	Material Type	Fill Height	# Sub-layers	Void ratio	Start Day	Dessic. Month	Print detail
0.	5	1.0	20	9.11	30.	4	1
11.	5	1.0	20	9.11	180.	4	1
22.	5	1.0	20	9.11	180.	4	1
33.	5	1.0	20	9.11	180.	4	1
45.					180.	4	1
60.					180.	4	1
75.					180.	4	1
120.					180.	4	1
180.					180.	4	1
240.					180.	4	1
365.					180.	4	1
730.					180.	4	1
1095.					180.	4	1
1825.					180.	4	1
3650.					180.	4	1
7300.					180.	4	1

Summary of monthly rainfall and evaporation potential

Month	Rainfall	Evaporation
1	0.160	0.190
2	0.230	0.210
3	0.180	0.320
4	0.410	0.430
5	0.290	0.520

6	0.260	0.630
7	0.830	0.600
8	1.250	0.580
9	0.160	0.510
10	0.660	0.380
11	0.150	0.240
12	0.080	0.190

*****Calculation data*****

tau	Lower layer Void ratio	Lower layer Permeability	drainage path Length
.299E-02	0.915	0.10500E-03	z = 15.67

Summary of desiccation parameters

Parameter	Value
Surface Drainage Efficiency	1.00
maximum evaporation efficiency	0.75
time to desic. after initial fill	30.00
month of initial desiccation	4
elevation of fixed water table	1.00
elevation of top of incompres. found.	-30.50

*****Initial Conditions in Compressible Foundation*****

	***** Coordinates *****		***** Void Ratios *****			
Material	A	XI	Z	Einitial	E	Eeop

1	29.99	29.99	12.05	24.00	24.00	22.79
1	29.79	29.79	12.04	23.95	23.95	22.74
1	29.59	29.59	12.03	23.90	23.90	22.69
1	29.39	29.39	12.03	23.85	23.85	22.64
1	29.19	29.19	12.02	23.81	23.81	22.59
1	28.99	28.99	12.01	23.76	23.76	22.54
1	28.79	28.79	12.00	23.71	23.71	22.49
1	28.59	28.59	11.99	23.66	23.66	22.44
1	28.39	28.39	11.99	23.61	23.61	22.40
1	28.19	28.19	11.98	23.56	23.56	22.35
1	27.99	27.99	11.97	23.51	23.51	22.30
2	27.99	27.99	11.97	2.20	2.20	2.19
2	26.66	26.66	11.55	2.14	2.14	2.12
2	25.36	25.36	11.13	2.07	2.07	2.06
2	24.09	24.09	10.71	2.02	2.02	2.01
2	22.83	22.83	10.30	1.98	1.98	1.97
2	21.60	21.60	9.88	1.93	1.93	1.92
2	20.38	20.38	9.46	1.89	1.89	1.88
2	19.18	19.18	9.04	1.84	1.84	1.83
2	18.00	18.00	8.62	1.80	1.80	1.78
3	18.00	18.00	8.62	1.56	1.56	1.56
3	17.19	17.19	8.31	1.56	1.56	1.56
3	16.38	16.38	7.99	1.55	1.55	1.55
3	15.58	15.58	7.68	1.55	1.55	1.54
3	14.78	14.78	7.36	1.54	1.54	1.54
3	13.98	13.98	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.53

3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.59	6.10	1.52	1.52	1.52
3	10.79	10.79	5.78	1.52	1.52	1.52
3	10.00	10.00	5.47	1.51	1.51	1.51
4	10.00	10.00	5.47	0.85	0.85	0.85
4	8.99	8.99	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.98	3.83	0.84	0.84	0.84
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.82
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.99	104.16	0.00	104.16	93.60	10.56
1	29.79	117.17	0.42	116.75	106.19	10.56
1	29.59	130.16	0.85	129.31	118.75	10.56
1	29.39	143.12	1.27	141.85	131.29	10.56
1	29.19	156.06	1.69	154.37	143.81	10.56
1	28.99	168.98	2.12	166.86	156.30	10.56
1	28.79	181.87	2.54	179.33	168.77	10.56
1	28.59	194.73	2.96	191.77	181.21	10.56
1	28.39	207.57	3.39	204.19	193.63	10.56

1	28.19	220.39	3.81	216.58	206.02	10.56
1	27.99	233.18	4.23	228.95	218.39	10.56
2	27.99	233.18	4.23	228.95	218.39	10.56
2	26.66	356.73	44.96	311.77	301.21	10.56
2	25.36	478.50	85.69	392.81	382.25	10.56
2	24.09	598.76	126.42	472.34	461.78	10.56
2	22.83	717.82	167.15	550.67	540.11	10.56
2	21.60	835.74	207.88	627.85	617.29	10.56
2	20.38	952.54	248.61	703.92	693.36	10.56
2	19.18	1068.15	289.34	778.81	768.25	10.56
2	18.00	1182.52	330.07	852.45	841.89	10.56
2	18.00	1182.52	330.07	852.45	841.89	10.56
3	17.19	1263.84	360.98	902.86	892.30	10.56
3	16.38	1345.04	391.89	953.15	942.59	10.56
3	15.58	1426.12	422.79	1003.32	992.76	10.56
3	14.78	1507.07	453.70	1053.37	1042.81	10.56
3	13.98	1587.90	484.61	1103.30	1092.74	10.56
3	13.18	1668.63	515.51	1153.11	1142.55	10.56
3	12.38	1749.26	546.42	1202.84	1192.28	10.56
3	11.59	1829.83	577.33	1252.50	1241.94	10.56
3	10.79	1910.32	608.23	1302.09	1291.53	10.56
3	10.00	1990.74	639.14	1351.60	1341.04	10.56
3	10.00	1990.74	639.14	1351.60	1341.04	10.56
4	8.99	2104.25	689.64	1414.62	1404.05	10.56
4	7.98	2217.62	740.13	1477.49	1466.93	10.56
4	6.98	2330.86	790.63	1540.23	1529.67	10.56
4	5.97	2443.96	841.13	1602.83	1592.27	10.56

4	4.97	2556.91	891.62	1665.29	1654.73	10.56
4	3.97	2669.73	942.12	1727.61	1717.05	10.56
4	2.98	2782.42	992.62	1789.80	1779.24	10.56
4	1.98	2894.96	1043.11	1851.85	1841.29	10.56
4	0.99	3007.37	1093.61	1913.76	1903.20	10.56
4	0.00	3119.64	1144.11	1975.53	1964.97	10.56

Time = 0. Degree of Consolidation = 0.%

Total Settlement = 0.000

Settlement at End of Primary Consolidation = 0.152

Settlement caused by Primary Consolidation at time 0. = 0.000

Settlement caused by Secondary Compression at time 0. = 0.000

*****Initial Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	1.00	1.00	0.10	9.11	9.11	9.11
5	0.95	0.95	0.09	9.11	9.11	8.65
5	0.90	0.90	0.09	9.11	9.11	8.20
5	0.85	0.85	0.08	9.11	9.11	7.74
5	0.80	0.80	0.08	9.11	9.11	7.29
5	0.75	0.75	0.07	9.11	9.11	6.83
5	0.70	0.70	0.07	9.11	9.11	6.37
5	0.65	0.65	0.06	9.11	9.11	5.92
5	0.60	0.60	0.06	9.11	9.11	5.46

5	0.55	0.55	0.05	9.11	9.11	5.00
5	0.50	0.50	0.05	9.11	9.11	4.79
5	0.45	0.45	0.04	9.11	9.11	4.78
5	0.40	0.40	0.04	9.11	9.11	4.78
5	0.35	0.35	0.03	9.11	9.11	4.77
5	0.30	0.30	0.03	9.11	9.11	4.77
5	0.25	0.25	0.02	9.11	9.11	4.76
5	0.20	0.20	0.02	9.11	9.11	4.76
5	0.15	0.15	0.01	9.11	9.11	4.75
5	0.10	0.10	0.01	9.11	9.11	4.74
5	0.05	0.05	0.00	9.11	9.11	4.73
5	0.00	0.00	0.00	9.11	9.11	4.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	1.00	31.20	0.00	31.20	31.20	0.00
5	0.95	34.85	0.00	34.85	34.32	0.53
5	0.90	38.50	0.00	38.50	37.44	1.06
5	0.85	42.14	0.00	42.14	40.56	1.58
5	0.80	45.79	0.00	45.79	43.68	2.11
5	0.75	49.44	0.00	49.44	46.80	2.64
5	0.70	53.09	0.00	53.09	49.92	3.17
5	0.65	56.74	0.00	56.74	53.04	3.70
5	0.60	60.38	0.00	60.38	56.16	4.22
5	0.55	64.03	0.00	64.03	59.28	4.75
5	0.50	67.68	0.00	67.68	62.40	5.28
5	0.45	71.33	0.00	71.33	65.52	5.81

5	0.40	74.98	0.00	74.98	68.64	6.34
5	0.35	78.62	0.00	78.62	71.76	6.86
5	0.30	82.27	0.00	82.27	74.88	7.39
5	0.25	85.92	0.00	85.92	78.00	7.92
5	0.20	89.57	0.00	89.57	81.12	8.45
5	0.15	93.22	0.00	93.22	84.24	8.98
5	0.10	96.86	0.00	96.86	87.36	9.50
5	0.05	100.51	0.00	100.51	90.48	10.03
5	0.00	104.16	0.00	104.16	93.60	10.56

Time = 0. Degree of Consolidation = 0.%

Total Settlement = 0.000

Settlement at End of Primary Consolidation = 0.328

Settlement caused by Primary Consolidation at time 0. = 0.000

Settlement caused by Secondary Compression at time 0. = 0.000

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.94	12.05	24.00	23.42	22.79
1	29.79	29.74	12.04	23.95	23.37	22.74
1	29.59	29.54	12.03	23.90	23.33	22.69
1	29.39	29.35	12.03	23.85	23.28	22.64
1	29.19	29.15	12.02	23.81	23.24	22.59
1	28.99	28.96	12.01	23.76	23.19	22.54

1	28.79	28.76	12.00	23.71	23.14	22.49
1	28.59	28.57	11.99	23.66	23.10	22.44
1	28.39	28.37	11.99	23.61	23.05	22.40
1	28.19	28.18	11.98	23.56	23.00	22.35
1	27.99	27.98	11.97	23.51	22.95	22.30
2	27.99	27.98	11.97	2.20	2.20	2.19
2	26.66	26.66	11.55	2.14	2.14	2.12
2	25.36	25.36	11.13	2.07	2.07	2.06
2	24.09	24.09	10.71	2.02	2.02	2.01
2	22.83	22.83	10.30	1.98	1.98	1.97
2	21.60	21.59	9.88	1.93	1.93	1.92
2	20.38	20.37	9.46	1.89	1.89	1.88
2	19.18	19.18	9.04	1.84	1.84	1.83
2	18.00	18.00	8.62	1.80	1.79	1.78
3	18.00	18.00	8.62	1.56	1.56	1.56
3	17.19	17.19	8.31	1.56	1.56	1.56
3	16.38	16.38	7.99	1.55	1.55	1.55
3	15.58	15.58	7.68	1.55	1.54	1.54
3	14.78	14.78	7.36	1.54	1.54	1.54
3	13.98	13.98	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.53
3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.59	6.10	1.52	1.52	1.52
3	10.79	10.79	5.78	1.52	1.52	1.52
3	10.00	10.00	5.47	1.51	1.51	1.51
4	10.00	10.00	5.47	0.85	0.85	0.85
4	8.99	8.99	4.92	0.84	0.84	0.84

4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.98	3.83	0.84	0.84	0.84
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.82
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.94	107.40	5.06	102.34	96.84	5.50
1	29.74	120.12	5.45	114.67	109.13	5.53
1	29.54	132.82	5.85	126.97	121.41	5.56
1	29.35	145.49	6.24	139.25	133.66	5.59
1	29.15	158.14	6.64	151.50	145.89	5.61
1	28.96	170.77	7.05	163.72	158.09	5.63
1	28.76	183.37	7.45	175.92	170.27	5.65
1	28.57	195.96	7.86	188.09	182.43	5.66
1	28.37	208.51	8.28	200.23	194.56	5.67
1	28.18	221.05	8.70	212.35	206.67	5.67
1	27.98	233.55	9.12	224.43	218.76	5.68
1	27.98	233.55	9.12	224.43	218.76	5.68
2	26.66	356.97	46.52	310.46	301.45	9.01
2	25.36	478.72	85.69	393.03	382.47	10.56
2	24.09	598.98	126.42	472.56	462.00	10.56

2	22.83	718.04	167.15	550.89	540.33	10.56
2	21.59	835.96	207.88	628.08	617.52	10.56
2	20.37	952.75	249.42	703.32	693.57	9.75
2	19.18	1068.34	290.14	778.20	768.43	9.76
2	18.00	1182.66	333.39	849.27	842.03	7.24
2	18.00	1182.66	333.39	849.27	842.03	7.24
3	17.19	1263.96	366.23	897.73	892.42	5.31
3	16.38	1345.14	397.74	947.40	942.69	4.71
3	15.58	1426.19	428.15	998.04	992.84	5.20
3	14.78	1507.13	457.24	1049.89	1042.87	7.02
3	13.98	1587.96	484.61	1103.35	1092.79	10.56
3	13.18	1668.68	515.51	1153.16	1142.60	10.56
3	12.38	1749.32	546.42	1202.90	1192.34	10.56
3	11.59	1829.88	577.33	1252.55	1241.99	10.56
3	10.79	1910.37	608.23	1302.14	1291.58	10.56
3	10.00	1990.79	639.55	1351.24	1341.09	10.15
3	10.00	1990.79	639.55	1351.24	1341.09	10.15
4	8.99	2104.30	692.85	1411.45	1404.10	7.35
4	7.98	2217.66	743.52	1474.14	1466.97	7.17
4	6.98	2330.89	793.80	1537.09	1529.70	7.39
4	5.97	2443.97	844.02	1599.96	1592.29	7.67
4	4.97	2556.93	894.19	1662.73	1654.74	7.99
4	3.97	2669.74	944.17	1725.57	1717.06	8.51
4	2.98	2782.42	993.50	1788.91	1779.24	9.67
4	1.98	2894.96	1043.11	1851.85	1841.29	10.56
4	0.99	3007.37	1093.61	1913.76	1903.20	10.56
4	0.00	3119.64	1144.11	1975.53	1964.97	10.56

Time = 11. Degree of Consolidation = 34.%

Total Settlement = 0.052

Settlement at End of Primary Consolidation = 0.152

Settlement caused by Primary Consolidation at time 11. =
0.052

Settlement caused by Secondary Compression at time 11. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	1.00	0.82	0.10	9.11	9.11	9.11
5	0.95	0.77	0.09	9.11	8.95	8.65
5	0.90	0.72	0.09	9.11	8.80	8.20
5	0.85	0.67	0.08	9.11	8.65	7.74
5	0.80	0.62	0.08	9.11	8.50	7.29
5	0.75	0.57	0.07	9.11	8.34	6.83
5	0.70	0.53	0.07	9.11	8.18	6.37
5	0.65	0.48	0.06	9.11	8.00	5.92
5	0.60	0.44	0.06	9.11	7.82	5.46
5	0.55	0.40	0.05	9.11	7.63	5.00
5	0.50	0.35	0.05	9.11	7.43	4.79
5	0.45	0.31	0.04	9.11	7.21	4.78
5	0.40	0.27	0.04	9.11	6.98	4.78
5	0.35	0.23	0.03	9.11	6.73	4.77
5	0.30	0.20	0.03	9.11	6.48	4.77

5	0.25	0.16	0.02	9.11	6.21	4.76
5	0.20	0.13	0.02	9.11	5.93	4.76
5	0.15	0.09	0.01	9.11	5.64	4.75
5	0.10	0.06	0.01	9.11	5.35	4.74
5	0.05	0.03	0.00	9.11	5.06	4.73
5	0.00	0.00	0.00	9.11	4.79	4.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	0.82	45.96	0.00	45.96	45.96	0.00
5	0.77	49.59	0.18	49.40	49.06	0.35
5	0.72	53.16	0.36	52.80	52.11	0.70
5	0.67	56.69	0.53	56.16	55.11	1.05
5	0.62	60.17	0.71	59.46	58.06	1.40
5	0.57	63.61	0.89	62.71	60.97	1.75
5	0.53	66.99	1.08	65.91	63.82	2.09
5	0.48	70.33	1.28	69.05	66.63	2.42
5	0.44	73.60	1.49	72.11	69.38	2.73
5	0.40	76.83	1.71	75.11	72.07	3.04
5	0.35	79.99	1.95	78.04	74.71	3.33
5	0.31	83.08	2.20	80.88	77.27	3.61
5	0.27	86.11	2.47	83.64	79.77	3.87
5	0.23	89.06	2.75	86.31	82.20	4.11
5	0.20	91.94	3.05	88.89	84.54	4.35
5	0.16	94.73	3.36	91.37	86.81	4.56
5	0.13	97.44	3.68	93.76	88.99	4.77
5	0.09	100.06	4.01	96.05	91.09	4.97

5	0.06	102.60	4.35	98.25	93.09	5.16
5	0.03	105.04	4.68	100.36	95.01	5.35
5	0.00	107.40	5.06	102.34	96.84	5.50

Time = 11. Degree of Consolidation = 56.%

Total Settlement = 0.185

Settlement at End of Primary Consolidation = 0.328

Settlement caused by Primary Consolidation at time 11. = 0.185

Settlement caused by Secondary Compression at time 11. = 0.000

Surface Elevation = 0.26

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****			***** Void Ratios *****			
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.93	12.05	24.00	23.38	21.57
1	29.79	29.73	12.04	23.95	23.33	21.52
1	29.59	29.54	12.03	23.90	23.28	21.47
1	29.39	29.34	12.03	23.85	23.23	21.43
1	29.19	29.14	12.02	23.81	23.18	21.38
1	28.99	28.95	12.01	23.76	23.13	21.33
1	28.79	28.76	12.00	23.71	23.08	21.28
1	28.59	28.56	11.99	23.66	23.04	21.23
1	28.39	28.37	11.99	23.61	22.99	21.18
1	28.19	28.17	11.98	23.56	22.94	21.13
1	27.99	27.98	11.97	23.51	22.89	21.08

2	27.99	27.98	11.97	2.20	2.19	2.17
2	26.66	26.66	11.55	2.14	2.13	2.10
2	25.36	25.36	11.13	2.07	2.07	2.04
2	24.09	24.08	10.71	2.02	2.02	2.00
2	22.83	22.83	10.30	1.98	1.98	1.96
2	21.60	21.59	9.88	1.93	1.93	1.91
2	20.38	20.37	9.46	1.89	1.89	1.87
2	19.18	19.17	9.04	1.84	1.84	1.82
2	18.00	17.99	8.62	1.80	1.79	1.77
2	18.00	17.99	8.62	1.56	1.56	1.56
3	17.19	17.19	8.31	1.56	1.56	1.55
3	16.38	16.38	7.99	1.55	1.55	1.55
3	15.58	15.58	7.68	1.55	1.54	1.54
3	14.78	14.78	7.36	1.54	1.54	1.54
3	13.98	13.98	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.53
3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.59	6.10	1.52	1.52	1.52
3	10.79	10.79	5.78	1.52	1.52	1.51
3	10.00	10.00	5.47	1.51	1.51	1.51
3	10.00	10.00	5.47	0.85	0.85	0.85
4	8.99	8.99	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.98	3.83	0.84	0.84	0.84
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82

4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.93	122.73	5.42	117.31	101.61	15.70
1	29.73	135.43	5.85	129.58	113.89	15.70
1	29.54	148.10	6.27	141.84	126.14	15.70
1	29.34	160.75	6.69	154.06	138.36	15.70
1	29.14	173.38	7.11	166.27	150.56	15.70
1	28.95	185.98	7.53	178.44	162.74	15.70
1	28.76	198.55	7.96	190.60	174.89	15.70
1	28.56	211.11	8.38	202.73	187.02	15.70
1	28.37	223.63	8.80	214.83	199.12	15.71
1	28.17	236.13	9.23	226.91	211.20	15.71
1	27.98	248.61	9.65	238.96	223.26	15.71
2	27.98	248.61	9.65	238.96	223.26	15.71
2	26.66	371.97	47.88	324.09	305.89	18.21
2	25.36	493.70	85.69	408.00	386.88	21.12
2	24.08	613.96	126.42	487.53	466.41	21.12
2	22.83	733.02	167.15	565.86	544.74	21.12
2	21.59	850.94	207.93	643.01	621.94	21.07
2	20.37	967.71	250.14	717.58	697.98	19.60
2	19.17	1083.28	291.23	792.05	772.82	19.24
2	17.99	1197.55	335.78	861.77	846.36	15.42

3	17.99	1197.55	335.78	861.77	846.36	15.42
3	17.19	1278.84	369.57	909.27	896.74	12.53
3	16.38	1360.00	401.09	958.92	947.00	11.92
3	15.58	1441.05	430.73	1010.31	997.13	13.18
3	14.78	1521.98	458.58	1063.39	1047.16	16.24
3	13.98	1602.80	484.61	1118.20	1097.07	21.12
3	13.18	1683.52	515.51	1168.01	1146.89	21.12
3	12.38	1764.16	546.42	1217.74	1196.62	21.12
3	11.59	1844.73	577.33	1267.40	1246.28	21.12
3	10.79	1925.22	608.23	1316.99	1295.87	21.12
3	10.00	2005.64	639.87	1365.77	1345.38	20.39
3	10.00	2005.64	639.87	1365.77	1345.38	20.39
4	8.99	2119.14	695.34	1423.80	1408.38	15.42
4	7.98	2232.49	746.63	1485.87	1471.24	14.63
4	6.98	2345.71	796.85	1548.86	1533.96	14.90
4	5.97	2458.79	846.80	1611.99	1596.54	15.44
4	4.97	2571.74	896.56	1675.18	1658.99	16.19
4	3.97	2684.54	945.90	1738.64	1721.30	17.34
4	2.98	2797.22	994.40	1802.82	1783.48	19.34
4	1.98	2909.76	1043.25	1866.52	1845.53	20.99
4	0.99	3022.17	1093.61	1928.56	1907.44	21.12
4	0.00	3134.44	1144.11	1990.33	1969.21	21.12

Time = 22. Degree of Consolidation = 20.%

Total Settlement = 0.060

Settlement at End of Primary Consolidation = 0.304

Settlement caused by Primary Consolidation at time 22. = 0.060

Settlement caused by Secondary Compression at time 22. =
 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	2.00	1.63	0.20	9.11	9.11	9.11
5	1.95	1.58	0.19	9.11	9.06	8.65
5	1.90	1.53	0.19	9.11	9.01	8.20
5	1.85	1.48	0.18	9.11	8.95	7.74
5	1.80	1.43	0.18	9.11	8.90	7.29
5	1.75	1.38	0.17	9.11	8.85	6.83
5	1.70	1.33	0.17	9.11	8.79	6.37
5	1.65	1.28	0.16	9.11	8.73	5.92
5	1.60	1.24	0.16	9.11	8.67	5.46
5	1.55	1.19	0.15	9.11	8.60	5.00
5	1.50	1.14	0.15	9.11	8.53	4.79
5	1.45	1.09	0.14	9.11	8.45	4.78
5	1.40	1.05	0.14	9.11	8.36	4.78
5	1.35	1.00	0.13	9.11	8.27	4.77
5	1.30	0.96	0.13	9.11	8.17	4.77
5	1.25	0.91	0.12	9.11	8.07	4.76
5	1.20	0.87	0.12	9.11	7.95	4.76
5	1.15	0.82	0.11	9.11	7.84	4.75
5	1.10	0.78	0.11	9.11	7.71	4.74
5	1.05	0.74	0.10	9.11	7.58	4.73

5	1.00	0.69	0.10	9.11	7.45	4.63
5	1.00	0.69	0.10	9.11	7.45	4.63
5	0.95	0.65	0.09	9.11	7.31	4.52
5	0.90	0.61	0.09	9.11	7.17	4.42
5	0.85	0.57	0.08	9.11	7.02	4.31
5	0.80	0.53	0.08	9.11	6.88	4.21
5	0.75	0.49	0.07	9.11	6.73	4.10
5	0.70	0.46	0.07	9.11	6.58	3.99
5	0.65	0.42	0.06	9.11	6.42	3.89
5	0.60	0.38	0.06	9.11	6.27	3.78
5	0.55	0.35	0.05	9.11	6.12	3.68
5	0.50	0.31	0.05	9.11	5.97	3.57
5	0.45	0.28	0.04	9.11	5.83	3.47
5	0.40	0.25	0.04	9.11	5.69	3.36
5	0.35	0.21	0.03	9.11	5.55	3.26
5	0.30	0.18	0.03	9.11	5.42	3.15
5	0.25	0.15	0.02	9.11	5.30	3.04
5	0.20	0.12	0.02	9.11	5.18	2.94
5	0.15	0.09	0.01	9.11	5.07	2.83
5	0.10	0.06	0.01	9.11	4.97	2.73
5	0.05	0.03	0.00	9.11	4.87	2.62
5	0.00	0.00	0.00	9.11	4.79	2.52

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	1.63	0.00	0.00	0.00	0.00	0.00
5	1.58	3.64	0.06	3.58	3.11	0.47

5	1.53	7.26	0.12	7.14	6.21	0.94
5	1.48	10.87	0.18	10.69	9.29	1.40
5	1.43	14.46	0.24	14.22	12.35	1.87
5	1.38	18.04	0.30	17.74	15.40	2.34
5	1.33	21.60	0.37	21.23	18.43	2.80
5	1.28	25.14	0.44	24.70	21.44	3.26
5	1.24	28.66	0.51	28.15	24.44	3.71
5	1.19	32.16	0.59	31.58	27.41	4.16
5	1.14	35.64	0.67	34.97	30.36	4.61
5	1.09	39.10	0.77	38.33	33.29	5.04
5	1.05	42.53	0.87	41.66	36.19	5.47
5	1.00	45.93	0.97	44.96	39.07	5.89
5	0.96	49.31	1.09	48.22	41.92	6.31
5	0.91	52.65	1.21	51.44	44.73	6.71
5	0.87	55.96	1.34	54.62	47.51	7.11
5	0.82	59.23	1.47	57.76	50.26	7.50
5	0.78	62.47	1.62	60.85	52.96	7.89
5	0.74	65.66	1.77	63.89	55.63	8.26
5	0.69	68.82	1.93	66.89	58.26	8.63
5	0.69	68.82	1.93	66.89	58.26	8.63
5	0.65	71.93	2.08	69.85	60.84	9.01
5	0.61	75.00	2.25	72.76	63.39	9.37
5	0.57	78.03	2.41	75.62	65.89	9.73
5	0.53	81.01	2.58	78.43	68.34	10.09
5	0.49	83.95	2.76	81.19	70.75	10.44
5	0.46	86.84	2.93	83.91	73.11	10.80
5	0.42	89.68	3.11	86.57	75.42	11.15

5	0.38	92.48	3.28	89.19	77.69	11.50
5	0.35	95.23	3.46	91.77	79.91	11.85
5	0.31	97.93	3.63	94.30	82.09	12.21
5	0.28	100.59	3.80	96.79	84.22	12.57
5	0.25	103.20	3.96	99.24	86.30	12.94
5	0.21	105.77	4.12	101.65	88.35	13.31
5	0.18	108.30	4.27	104.03	90.35	13.68
5	0.15	110.79	4.41	106.38	92.31	14.07
5	0.12	113.24	4.55	108.70	94.24	14.46
5	0.09	115.66	4.67	110.99	96.13	14.86
5	0.06	118.05	4.79	113.26	97.98	15.27
5	0.03	120.40	4.90	115.50	99.81	15.69
5	0.00	122.73	5.42	117.31	101.61	15.70

Time = 22. Degree of Consolidation = 42.%

Total Settlement = 0.372

Settlement at End of Primary Consolidation = 0.876

Settlement caused by Primary Consolidation at time 22. = 0.372

Settlement caused by Secondary Compression at time 22. = 0.000

Surface Elevation = 1.07

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.93	12.05	24.00	23.37	20.36

1	29.79	29.73	12.04	23.95	23.32	20.31
1	29.59	29.53	12.03	23.90	23.27	20.26
1	29.39	29.34	12.03	23.85	23.22	20.21
1	29.19	29.14	12.02	23.81	23.18	20.16
1	28.99	28.95	12.01	23.76	23.13	20.11
1	28.79	28.75	12.00	23.71	23.08	20.06
1	28.59	28.56	11.99	23.66	23.03	20.02
1	28.39	28.36	11.99	23.61	22.98	19.97
1	28.19	28.17	11.98	23.56	22.93	19.92
1	27.99	27.98	11.97	23.51	22.88	19.87
2	27.99	27.98	11.97	2.20	2.19	2.15
2	26.66	26.65	11.55	2.14	2.13	2.09
2	25.36	25.36	11.13	2.07	2.07	2.03
2	24.09	24.08	10.71	2.02	2.02	1.99
2	22.83	22.83	10.30	1.98	1.98	1.94
2	21.60	21.59	9.88	1.93	1.93	1.90
2	20.38	20.37	9.46	1.89	1.89	1.85
2	19.18	19.17	9.04	1.84	1.84	1.81
2	18.00	17.99	8.62	1.80	1.79	1.76
3	18.00	17.99	8.62	1.56	1.56	1.56
3	17.19	17.19	8.31	1.56	1.56	1.55
3	16.38	16.38	7.99	1.55	1.55	1.55
3	15.58	15.58	7.68	1.55	1.54	1.54
3	14.78	14.78	7.36	1.54	1.54	1.53
3	13.98	13.98	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.52
3	12.38	12.38	6.41	1.52	1.52	1.52

3	11.59	11.58	6.10	1.52	1.52	1.52
3	10.79	10.79	5.78	1.52	1.52	1.51
3	10.00	10.00	5.47	1.51	1.51	1.51
4	10.00	10.00	5.47	0.85	0.85	0.85
4	8.99	8.99	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.84	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.93	185.83	5.47	180.35	154.14	26.21
1	29.73	198.52	5.90	192.62	166.42	26.21
1	29.53	211.19	6.32	204.87	178.66	26.21
1	29.34	223.84	6.74	217.10	190.89	26.21
1	29.14	236.46	7.17	229.29	203.09	26.21
1	28.95	249.06	7.59	241.47	215.26	26.21
1	28.75	261.63	8.01	253.62	227.41	26.21
1	28.56	274.18	8.43	265.74	239.53	26.21
1	28.36	286.70	8.86	277.84	251.63	26.21
1	28.17	299.20	9.28	289.92	263.71	26.21

1	27.98	311.68	9.70	301.97	275.76	26.21
2	27.98	311.68	9.70	301.97	275.76	26.21
2	26.65	435.00	48.74	386.25	358.35	27.90
2	25.36	556.71	85.69	471.02	439.34	31.68
2	24.08	676.97	126.42	550.55	518.87	31.68
2	22.83	796.03	167.15	628.88	597.20	31.68
2	21.59	913.96	208.08	705.87	674.39	31.48
2	20.37	1030.72	250.79	779.93	750.42	29.50
2	19.17	1146.25	292.38	853.88	825.23	28.65
2	17.99	1260.48	337.46	923.02	898.73	24.29
2	17.99	1260.48	337.46	923.02	898.73	24.29
3	17.19	1341.77	371.62	970.15	949.11	21.05
3	16.38	1422.92	403.02	1019.90	999.35	20.55
3	15.58	1503.96	432.21	1071.74	1049.48	22.26
3	14.78	1584.88	459.46	1125.42	1099.50	25.92
3	13.98	1665.71	484.92	1180.79	1149.42	31.37
3	13.18	1746.43	515.51	1230.91	1199.23	31.68
3	12.38	1827.06	546.42	1280.64	1248.96	31.68
3	11.58	1907.63	577.33	1330.30	1298.62	31.68
3	10.79	1988.12	608.23	1379.89	1348.21	31.68
3	10.00	2068.54	640.13	1428.41	1397.72	30.69
3	10.00	2068.54	640.13	1428.41	1397.72	30.69
4	8.99	2182.04	697.41	1484.63	1460.72	23.91
4	7.98	2295.39	749.43	1545.95	1523.57	22.38
4	6.97	2408.59	799.73	1608.87	1586.28	22.58
4	5.97	2521.67	849.43	1672.23	1648.86	23.38
4	4.97	2634.61	898.74	1735.86	1711.30	24.56

4	3.97	2747.41	947.48	1799.93	1773.61	26.32
4	2.98	2860.08	995.32	1864.76	1835.78	28.98
4	1.98	2972.62	1043.61	1929.01	1897.83	31.18
4	0.99	3085.03	1093.61	1991.42	1959.74	31.68
4	0.00	3197.30	1144.11	2053.19	2021.51	31.68

Time = 33. Degree of Consolidation = 14.%

Total Settlement = 0.064

Settlement at End of Primary Consolidation = 0.454

Settlement caused by Primary Consolidation at time 33. = 0.064

Settlement caused by Secondary Compression at time 33. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	3.00	2.47	0.30	9.11	9.11	9.11
5	2.95	2.42	0.29	9.11	9.09	8.65
5	2.90	2.37	0.29	9.11	9.07	8.20
5	2.85	2.32	0.28	9.11	9.06	7.74
5	2.80	2.27	0.28	9.11	9.04	7.29
5	2.75	2.22	0.27	9.11	9.02	6.83
5	2.70	2.17	0.27	9.11	9.00	6.37
5	2.65	2.12	0.26	9.11	8.98	5.92
5	2.60	2.07	0.26	9.11	8.95	5.46
5	2.55	2.02	0.25	9.11	8.93	5.00

5	2.50	1.97	0.25	9.11	8.90	4.79
5	2.45	1.93	0.24	9.11	8.87	4.78
5	2.40	1.88	0.24	9.11	8.84	4.78
5	2.35	1.83	0.23	9.11	8.80	4.77
5	2.30	1.78	0.23	9.11	8.76	4.77
5	2.25	1.73	0.22	9.11	8.72	4.76
5	2.20	1.68	0.22	9.11	8.68	4.76
5	2.15	1.64	0.21	9.11	8.63	4.75
5	2.10	1.59	0.21	9.11	8.57	4.74
5	2.05	1.54	0.20	9.11	8.51	4.73
5	2.00	1.49	0.20	9.11	8.45	4.63
5	2.00	1.49	0.20	9.11	8.45	4.63
5	1.95	1.45	0.19	9.11	8.39	4.52
5	1.90	1.40	0.19	9.11	8.32	4.42
5	1.85	1.36	0.18	9.11	8.25	4.31
5	1.80	1.31	0.18	9.11	8.18	4.21
5	1.75	1.27	0.17	9.11	8.10	4.10
5	1.70	1.22	0.17	9.11	8.01	3.99
5	1.65	1.18	0.16	9.11	7.93	3.89
5	1.60	1.13	0.16	9.11	7.83	3.78
5	1.55	1.09	0.15	9.11	7.74	3.68
5	1.50	1.05	0.15	9.11	7.64	3.57
5	1.45	1.00	0.14	9.11	7.54	3.47
5	1.40	0.96	0.14	9.11	7.43	3.36
5	1.35	0.92	0.13	9.11	7.32	3.26
5	1.30	0.88	0.13	9.11	7.21	3.15
5	1.25	0.84	0.12	9.11	7.10	3.04

5	1.20	0.80	0.12	9.11	6.98	2.94
5	1.15	0.76	0.11	9.11	6.87	2.83
5	1.10	0.72	0.11	9.11	6.75	2.73
5	1.05	0.68	0.10	9.11	6.64	2.62
5	1.00	0.65	0.10	9.11	6.52	2.52
5	1.00	0.65	0.10	9.11	6.52	2.52
5	0.95	0.61	0.09	9.11	6.41	2.41
5	0.90	0.57	0.09	9.11	6.29	2.30
5	0.85	0.54	0.08	9.11	6.18	2.20
5	0.80	0.50	0.08	9.11	6.07	2.09
5	0.75	0.47	0.07	9.11	5.96	1.99
5	0.70	0.43	0.07	9.11	5.85	1.88
5	0.65	0.40	0.06	9.11	5.75	1.78
5	0.60	0.37	0.06	9.11	5.65	1.74
5	0.55	0.33	0.05	9.11	5.55	1.74
5	0.50	0.30	0.05	9.11	5.46	1.73
5	0.45	0.27	0.04	9.11	5.37	1.73
5	0.40	0.24	0.04	9.11	5.29	1.73
5	0.35	0.21	0.03	9.11	5.21	1.73
5	0.30	0.18	0.03	9.11	5.14	1.72
5	0.25	0.15	0.02	9.11	5.07	1.72
5	0.20	0.12	0.02	9.11	5.00	1.72
5	0.15	0.09	0.01	9.11	4.94	1.72
5	0.10	0.06	0.01	9.11	4.88	1.71
5	0.05	0.03	0.00	9.11	4.83	1.71
5	0.00	0.00	0.00	9.11	4.79	1.71

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
	2.47	0.00	0.00	0.00	0.00	0.00
5	2.42	3.65	0.02	3.62	3.12	0.51
5	2.37	7.28	0.04	7.24	6.23	1.01
5	2.32	10.92	0.06	10.86	9.33	1.52
5	2.27	14.55	0.08	14.46	12.44	2.03
5	2.22	18.17	0.11	18.07	15.53	2.53
5	2.17	21.79	0.13	21.66	18.62	3.04
5	2.12	25.40	0.15	25.24	21.70	3.54
5	2.07	29.00	0.18	28.82	24.78	4.04
5	2.02	32.60	0.21	32.39	27.85	4.54
5	1.97	36.19	0.24	35.94	30.91	5.04
5	1.93	39.76	0.28	39.49	33.96	5.53
5	1.88	43.33	0.31	43.02	37.00	6.02
5	1.83	46.89	0.36	46.54	40.03	6.51
5	1.78	50.44	0.40	50.04	43.05	6.99
5	1.73	53.97	0.45	53.52	46.05	7.47
5	1.68	57.50	0.50	56.99	49.05	7.95
5	1.64	61.00	0.56	60.44	52.03	8.42
5	1.59	64.49	0.62	63.87	54.99	8.88
5	1.54	67.97	0.69	67.28	57.93	9.34
5	1.49	71.42	0.76	70.66	60.86	9.80
5	1.49	71.42	0.76	70.66	60.86	9.80
5	1.45	74.86	0.83	74.02	63.77	10.26
5	1.40	78.27	0.91	77.36	66.65	10.71
5	1.36	81.67	0.99	80.67	69.52	11.15

5	1.31	85.04	1.08	83.96	72.37	11.59
5	1.27	88.39	1.17	87.22	75.19	12.03
5	1.22	91.71	1.27	90.44	77.98	12.46
5	1.18	95.01	1.37	93.64	80.75	12.89
5	1.13	98.27	1.48	96.80	83.49	13.31
5	1.09	101.51	1.59	99.93	86.20	13.73
5	1.05	104.72	1.70	103.02	88.88	14.14
5	1.00	107.90	1.82	106.08	91.53	14.55
5	0.96	111.05	1.94	109.10	94.15	14.95
5	0.92	114.16	2.07	112.09	96.74	15.36
5	0.88	117.24	2.20	115.04	99.29	15.76
5	0.84	120.29	2.33	117.96	101.80	16.15
5	0.80	123.30	2.46	120.84	104.29	16.55
5	0.76	126.27	2.59	123.68	106.73	16.94
5	0.72	129.21	2.73	126.48	109.14	17.34
5	0.68	132.11	2.86	129.25	111.52	17.73
5	0.65	134.98	3.00	131.98	113.86	18.13
5	0.65	134.98	3.00	131.98	113.86	18.13
5	0.61	137.81	3.13	134.68	116.16	18.52
5	0.57	140.61	3.26	137.34	118.43	18.91
5	0.54	143.37	3.39	139.97	120.66	19.31
5	0.50	146.09	3.52	142.57	122.86	19.71
5	0.47	148.78	3.65	145.14	125.02	20.11
5	0.43	151.44	3.77	147.67	127.15	20.52
5	0.40	154.07	3.89	150.18	129.25	20.93
5	0.37	156.66	4.01	152.66	131.32	21.34
5	0.33	159.23	4.12	155.11	133.36	21.76

5	0.30	161.77	4.22	157.54	135.36	22.18
5	0.27	164.27	4.33	159.95	137.34	22.60
5	0.24	166.76	4.42	162.33	139.30	23.04
5	0.21	169.21	4.51	164.70	141.23	23.47
5	0.18	171.65	4.60	167.05	143.13	23.91
5	0.15	174.06	4.68	169.38	145.01	24.36
5	0.12	176.45	4.76	171.69	146.88	24.81
5	0.09	178.82	4.83	173.99	148.72	25.27
5	0.06	181.17	4.89	176.28	150.54	25.74
5	0.03	183.51	4.95	178.56	152.35	26.20
5	0.00	185.83	5.47	180.35	154.14	26.21

Time = 33. Degree of Consolidation = 33.%

Total Settlement = 0.530

Settlement at End of Primary Consolidation = 1.591

Settlement caused by Primary Consolidation at time 33. = 0.530

Settlement caused by Secondary Compression at time 33. = 0.000

Surface Elevation = 1.91

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.92	12.05	24.00	23.37	19.14
1	29.79	29.73	12.04	23.95	23.32	19.09
1	29.59	29.53	12.03	23.90	23.27	19.04

1	29.39	29.33	12.03	23.85	23.22	19.00
1	29.19	29.14	12.02	23.81	23.17	18.95
1	28.99	28.94	12.01	23.76	23.12	18.90
1	28.79	28.75	12.00	23.71	23.08	18.85
1	28.59	28.55	11.99	23.66	23.03	18.80
1	28.39	28.36	11.99	23.61	22.98	18.75
1	28.19	28.17	11.98	23.56	22.93	18.70
1	27.99	27.97	11.97	23.51	22.88	18.66
2	27.99	27.97	11.97	2.20	2.19	2.14
2	26.66	26.65	11.55	2.14	2.13	2.07
2	25.36	25.35	11.13	2.07	2.07	2.02
2	24.09	24.08	10.71	2.02	2.02	1.98
2	22.83	22.82	10.30	1.98	1.98	1.93
2	21.60	21.59	9.88	1.93	1.93	1.89
2	20.38	20.37	9.46	1.89	1.89	1.84
2	19.18	19.17	9.04	1.84	1.84	1.80
2	18.00	17.99	8.62	1.80	1.79	1.75
3	18.00	17.99	8.62	1.56	1.56	1.56
3	17.19	17.18	8.31	1.56	1.56	1.55
3	16.38	16.38	7.99	1.55	1.55	1.54
3	15.58	15.58	7.68	1.55	1.54	1.54
3	14.78	14.78	7.36	1.54	1.54	1.53
3	13.98	13.98	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.52
3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.58	6.10	1.52	1.52	1.52
3	10.79	10.79	5.78	1.52	1.52	1.51

3	10.00	10.00	5.47	1.51	1.51	1.51
4	10.00	10.00	5.47	0.85	0.85	0.85
4	8.99	8.99	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.84	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.92	248.74	5.50	243.25	206.50	36.74
1	29.73	261.44	5.92	255.52	218.77	36.74
1	29.53	274.11	6.34	267.76	231.02	36.74
1	29.33	286.75	6.77	279.98	243.24	36.74
1	29.14	299.37	7.19	292.18	255.44	36.74
1	28.94	311.97	7.61	304.35	267.61	36.74
1	28.75	324.54	8.04	316.50	279.76	36.75
1	28.55	337.09	8.46	328.63	291.88	36.75
1	28.36	349.61	8.88	340.73	303.98	36.75
1	28.17	362.11	9.31	352.80	316.05	36.75
1	27.97	374.58	9.73	364.85	328.10	36.75
2	27.97	374.58	9.73	364.85	328.10	36.75

2	26.65	497.88	49.33	448.55	410.67	37.88
2	25.35	619.58	85.69	533.89	491.65	42.24
2	24.08	739.84	126.42	613.42	571.18	42.24
2	22.82	858.90	167.15	691.75	649.51	42.24
2	21.59	976.82	208.32	768.51	726.70	41.81
2	20.37	1093.57	251.50	842.07	802.72	39.35
2	19.17	1209.08	293.60	915.48	877.49	37.98
2	17.99	1323.27	338.86	984.40	950.95	33.45
2	17.99	1323.27	338.86	984.40	950.95	33.45
3	17.18	1404.55	373.12	1031.42	1001.32	30.10
3	16.38	1485.69	404.41	1081.28	1051.57	29.72
3	15.58	1566.72	433.33	1133.40	1101.69	31.71
3	14.78	1647.65	460.22	1187.43	1151.70	35.73
3	13.98	1728.47	485.29	1243.17	1201.62	41.56
3	13.18	1809.19	515.51	1293.67	1251.43	42.24
3	12.38	1889.83	546.42	1343.41	1301.16	42.24
3	11.58	1970.39	577.33	1393.06	1350.82	42.24
3	10.79	2050.88	608.23	1442.65	1400.41	42.24
3	10.00	2131.30	640.38	1490.92	1449.92	41.00
3	10.00	2131.30	640.38	1490.92	1449.92	41.00
4	8.99	2244.79	699.36	1545.44	1512.92	32.52
4	7.98	2358.14	752.18	1605.96	1575.76	30.20
4	6.97	2471.34	802.63	1668.70	1638.47	30.24
4	5.97	2584.40	852.11	1732.29	1701.03	31.26
4	4.97	2697.33	900.96	1796.37	1763.47	32.91
4	3.97	2810.13	949.11	1861.02	1825.77	35.25
4	2.98	2922.80	996.33	1926.47	1887.94	38.52

4	1.98	3035.34	1044.08	1991.26	1949.98	41.27
4	0.99	3147.75	1093.61	2054.14	2011.89	42.24
4	0.00	3260.02	1144.27	2115.74	2073.67	42.07

Time = 45. Degree of Consolidation = 11.%

Total Settlement = 0.067

Settlement at End of Primary Consolidation = 0.604

Settlement caused by Primary Consolidation at time 45. = 0.067

Settlement caused by Secondary Compression at time 45. = 0.000

*****Current Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
5	4.00	3.31	0.40	9.11	9.11	9.11
5	3.95	3.26	0.39	9.11	9.10	8.65
5	3.90	3.21	0.39	9.11	9.09	8.20
5	3.85	3.16	0.38	9.11	9.09	7.74
5	3.80	3.11	0.38	9.11	9.08	7.29
5	3.75	3.06	0.37	9.11	9.07	6.83
5	3.70	3.01	0.37	9.11	9.06	6.37
5	3.65	2.96	0.36	9.11	9.05	5.92
5	3.60	2.91	0.36	9.11	9.04	5.46
5	3.55	2.86	0.35	9.11	9.03	5.00
5	3.50	2.81	0.35	9.11	9.02	4.79
5	3.45	2.76	0.34	9.11	9.01	4.78

5	3.40	2.71	0.34	9.11	8.99	4.78
5	3.35	2.66	0.33	9.11	8.98	4.77
5	3.30	2.61	0.33	9.11	8.96	4.77
5	3.25	2.56	0.32	9.11	8.94	4.76
5	3.20	2.52	0.32	9.11	8.92	4.76
5	3.15	2.47	0.31	9.11	8.90	4.75
5	3.10	2.42	0.31	9.11	8.87	4.74
5	3.05	2.37	0.30	9.11	8.85	4.73
5	3.00	2.32	0.30	9.11	8.82	4.63
5	3.00	2.32	0.30	9.11	8.82	4.63
5	2.95	2.27	0.29	9.11	8.79	4.52
5	2.90	2.22	0.29	9.11	8.76	4.42
5	2.85	2.18	0.28	9.11	8.73	4.31
5	2.80	2.13	0.28	9.11	8.69	4.21
5	2.75	2.08	0.27	9.11	8.65	4.10
5	2.70	2.03	0.27	9.11	8.61	3.99
5	2.65	1.98	0.26	9.11	8.57	3.89
5	2.60	1.94	0.26	9.11	8.52	3.78
5	2.55	1.89	0.25	9.11	8.47	3.68
5	2.50	1.84	0.25	9.11	8.42	3.57
5	2.45	1.80	0.24	9.11	8.36	3.47
5	2.40	1.75	0.24	9.11	8.30	3.36
5	2.35	1.70	0.23	9.11	8.24	3.26
5	2.30	1.66	0.23	9.11	8.18	3.15
5	2.25	1.61	0.22	9.11	8.11	3.04
5	2.20	1.57	0.22	9.11	8.04	2.94
5	2.15	1.52	0.21	9.11	7.97	2.83

5	2.10	1.48	0.21	9.11	7.89	2.73
5	2.05	1.44	0.20	9.11	7.81	2.62
5	2.00	1.39	0.20	9.11	7.73	2.52
5	2.00	1.39	0.20	9.11	7.73	2.52
5	1.95	1.35	0.19	9.11	7.65	2.41
5	1.90	1.31	0.19	9.11	7.57	2.30
5	1.85	1.27	0.18	9.11	7.48	2.20
5	1.80	1.22	0.18	9.11	7.39	2.09
5	1.75	1.18	0.17	9.11	7.31	1.99
5	1.70	1.14	0.17	9.11	7.21	1.88
5	1.65	1.10	0.16	9.11	7.12	1.78
5	1.60	1.06	0.16	9.11	7.03	1.74
5	1.55	1.02	0.15	9.11	6.94	1.74
5	1.50	0.98	0.15	9.11	6.84	1.73
5	1.45	0.94	0.14	9.11	6.75	1.73
5	1.40	0.91	0.14	9.11	6.65	1.73
5	1.35	0.87	0.13	9.11	6.56	1.73
5	1.30	0.83	0.13	9.11	6.46	1.72
5	1.25	0.79	0.12	9.11	6.37	1.72
5	1.20	0.76	0.12	9.11	6.28	1.72
5	1.15	0.72	0.11	9.11	6.19	1.72
5	1.10	0.69	0.11	9.11	6.10	1.71
5	1.05	0.65	0.10	9.11	6.01	1.71
5	1.00	0.62	0.10	9.11	5.92	1.71
5	1.00	0.62	0.10	9.11	5.92	1.71
5	0.95	0.58	0.09	9.11	5.84	1.71
5	0.90	0.55	0.09	9.11	5.76	1.70

5	0.85	0.52	0.08	9.11	5.67	1.70
5	0.80	0.48	0.08	9.11	5.60	1.70
5	0.75	0.45	0.07	9.11	5.52	1.70
5	0.70	0.42	0.07	9.11	5.45	1.69
5	0.65	0.39	0.06	9.11	5.38	1.69
5	0.60	0.36	0.06	9.11	5.32	1.69
5	0.55	0.33	0.05	9.11	5.26	1.69
5	0.50	0.30	0.05	9.11	5.20	1.68
5	0.45	0.26	0.04	9.11	5.14	1.68
5	0.40	0.23	0.04	9.11	5.09	1.68
5	0.35	0.20	0.03	9.11	5.04	1.67
5	0.30	0.17	0.03	9.11	5.00	1.67
5	0.25	0.15	0.02	9.11	4.95	1.67
5	0.20	0.12	0.02	9.11	4.91	1.67
5	0.15	0.09	0.01	9.11	4.88	1.66
5	0.10	0.06	0.01	9.11	4.84	1.66
5	0.05	0.03	0.00	9.11	4.81	1.66
5	0.00	0.00	0.00	9.11	4.79	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	3.31	0.00	0.00	0.00	0.00	0.00
5	3.26	3.65	0.01	3.64	3.12	0.52
5	3.21	7.29	0.02	7.27	6.24	1.04
5	3.16	10.93	0.03	10.91	9.35	1.56
5	3.11	14.57	0.04	14.54	12.46	2.08
5	3.06	18.21	0.05	18.16	15.57	2.59

5	3.01	21.84	0.06	21.79	18.68	3.11
5	2.96	25.47	0.07	25.41	21.78	3.63
5	2.91	29.10	0.08	29.02	24.88	4.14
5	2.86	32.73	0.09	32.64	27.98	4.66
5	2.81	36.35	0.11	36.24	31.07	5.17
5	2.76	39.97	0.12	39.85	34.16	5.69
5	2.71	43.58	0.14	43.44	37.25	6.20
5	2.66	47.19	0.16	47.04	40.33	6.71
5	2.61	50.79	0.18	50.62	43.40	7.22
5	2.56	54.39	0.20	54.20	46.47	7.72
5	2.52	57.99	0.22	57.77	49.54	8.23
5	2.47	61.57	0.25	61.33	52.60	8.73
5	2.42	65.15	0.27	64.88	55.65	9.23
5	2.37	68.72	0.30	68.42	58.69	9.73
5	2.32	72.28	0.34	71.95	61.72	10.22
5	2.32	72.28	0.34	71.95	61.72	10.22
5	2.27	75.84	0.37	75.47	64.75	10.72
5	2.22	79.38	0.41	78.98	67.77	11.21
5	2.18	82.92	0.44	82.47	70.77	11.70
5	2.13	86.44	0.49	85.96	73.77	12.19
5	2.08	89.95	0.53	89.42	76.75	12.67
5	2.03	93.46	0.58	92.88	79.73	13.15
5	1.98	96.94	0.63	96.31	82.69	13.63
5	1.94	100.42	0.68	99.73	85.63	14.10
5	1.89	103.87	0.74	103.13	88.56	14.57
5	1.84	107.32	0.80	106.52	91.48	15.04
5	1.80	110.74	0.87	109.88	94.37	15.50

5	1.75	114.15	0.93	113.22	97.25	15.96
5	1.70	117.54	1.00	116.54	100.12	16.42
5	1.66	120.91	1.08	119.83	102.96	16.87
5	1.61	124.26	1.16	123.10	105.78	17.32
5	1.57	127.59	1.24	126.35	108.58	17.77
5	1.52	130.90	1.32	129.57	111.36	18.21
5	1.48	134.18	1.41	132.77	114.11	18.65
5	1.44	137.44	1.50	135.94	116.85	19.09
5	1.39	140.67	1.60	139.08	119.55	19.53
5	1.39	140.67	1.60	139.08	119.55	19.53
5	1.35	143.88	1.69	142.20	122.24	19.96
5	1.31	147.07	1.79	145.28	124.89	20.39
5	1.27	150.23	1.88	148.34	127.52	20.82
5	1.22	153.36	1.99	151.37	130.13	21.25
5	1.18	156.47	2.09	154.38	132.70	21.67
5	1.14	159.54	2.19	157.35	135.25	22.10
5	1.10	162.59	2.30	160.29	137.77	22.52
5	1.06	165.61	2.41	163.20	140.27	22.94
5	1.02	168.60	2.52	166.09	142.73	23.36
5	0.98	171.57	2.63	168.94	145.16	23.77
5	0.94	174.50	2.74	171.76	147.57	24.19
5	0.91	177.40	2.85	174.56	149.95	24.61
5	0.87	180.28	2.96	177.32	152.29	25.03
5	0.83	183.12	3.06	180.06	154.61	25.45
5	0.79	185.94	3.17	182.77	156.90	25.87
5	0.76	188.73	3.28	185.45	159.16	26.29
5	0.72	191.49	3.38	188.10	161.39	26.71

5	0.69	194.22	3.49	190.73	163.59	27.14
5	0.65	196.92	3.59	193.34	165.77	27.56
5	0.62	199.60	3.69	195.91	167.92	27.99
5	0.62	199.60	3.69	195.91	167.92	27.99
5	0.58	202.25	3.79	198.47	170.04	28.42
5	0.55	204.88	3.88	201.00	172.14	28.85
5	0.52	207.48	3.98	203.50	174.21	29.29
5	0.48	210.05	4.07	205.99	176.26	29.73
5	0.45	212.61	4.15	208.46	178.29	30.17
5	0.42	215.14	4.23	210.90	180.29	30.62
5	0.39	217.65	4.31	213.33	182.27	31.06
5	0.36	220.13	4.39	215.74	184.23	31.52
5	0.33	222.60	4.46	218.14	186.17	31.97
5	0.30	225.05	4.53	220.52	188.09	32.43
5	0.26	227.48	4.59	222.89	189.99	32.90
5	0.23	229.90	4.65	225.25	191.88	33.37
5	0.20	232.30	4.71	227.59	193.75	33.84
5	0.17	234.68	4.76	229.92	195.61	34.31
5	0.15	237.06	4.81	232.25	197.45	34.79
5	0.12	239.42	4.86	234.56	199.29	35.27
5	0.09	241.76	4.90	236.86	201.10	35.76
5	0.06	244.10	4.94	239.16	202.91	36.25
5	0.03	246.43	4.97	241.45	204.71	36.74
5	0.00	248.74	5.50	243.25	206.50	36.74

Time = 45. Degree of Consolidation = 30.%

Total Settlement = 0.691

Settlement at End of Primary Consolidation = 2.326

0.691 Settlement caused by Primary Consolidation at time 45. =

0.000 Settlement caused by Secondary Compression at time 45. =

Surface Elevation = 2.74

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.92	12.05	24.00	23.37	19.14
1	29.79	29.72	12.04	23.95	23.32	19.09
1	29.59	29.53	12.03	23.90	23.27	19.04
1	29.39	29.33	12.03	23.85	23.22	19.00
1	29.19	29.14	12.02	23.81	23.17	18.95
1	28.99	28.94	12.01	23.76	23.12	18.90
1	28.79	28.75	12.00	23.71	23.07	18.85
1	28.59	28.55	11.99	23.66	23.03	18.80
1	28.39	28.36	11.99	23.61	22.98	18.75
1	28.19	28.16	11.98	23.56	22.93	18.70
1	27.99	27.97	11.97	23.51	22.88	18.66
2	27.99	27.97	11.97	2.20	2.19	2.14
2	26.66	26.65	11.55	2.14	2.13	2.07
2	25.36	25.35	11.13	2.07	2.07	2.02
2	24.09	24.08	10.71	2.02	2.02	1.98
2	22.83	22.82	10.30	1.98	1.98	1.93
2	21.60	21.58	9.88	1.93	1.93	1.89

2	20.38	20.37	9.46	1.89	1.89	1.84
2	19.18	19.17	9.04	1.84	1.84	1.80
2	18.00	17.99	8.62	1.80	1.79	1.75
3	18.00	17.99	8.62	1.56	1.56	1.56
3	17.19	17.18	8.31	1.56	1.56	1.55
3	16.38	16.38	7.99	1.55	1.55	1.54
3	15.58	15.58	7.68	1.55	1.54	1.54
3	14.78	14.77	7.36	1.54	1.54	1.53
3	13.98	13.97	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.52
3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.58	6.10	1.52	1.52	1.52
3	10.79	10.79	5.78	1.52	1.52	1.51
3	10.00	10.00	5.47	1.51	1.51	1.51
4	10.00	10.00	5.47	0.85	0.85	0.85
4	8.99	8.99	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.84	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

	XI	Total	Effective	Total	Static	Excess
Material	29.92	237.49	5.51	231.98	195.25	36.73
1	29.72	250.19	5.94	244.25	207.52	36.73
1	29.53	262.86	6.36	256.50	219.77	36.73
1	29.33	275.50	6.78	268.72	231.99	36.73
1	29.14	288.12	7.21	280.91	244.18	36.73
1	28.94	300.71	7.63	293.08	256.36	36.73
1	28.75	313.28	8.05	305.23	268.50	36.73
1	28.55	325.83	8.48	317.35	280.62	36.73
1	28.36	338.35	8.90	329.45	292.72	36.73
1	28.16	350.85	9.32	341.53	304.80	36.73
1	27.97	363.32	9.75	353.57	316.84	36.73
1	27.97	363.32	9.75	353.57	316.84	36.73
2	26.65	486.60	49.74	436.87	399.40	37.47
2	25.35	608.30	85.69	522.61	480.36	42.24
2	24.08	728.56	126.42	602.14	559.89	42.24
2	22.82	847.62	167.15	680.47	638.22	42.24
2	21.58	965.54	208.68	756.86	715.41	41.44
2	20.37	1082.27	252.39	829.88	791.41	38.47
2	19.17	1197.74	295.02	902.72	866.15	36.56
2	17.99	1311.88	340.27	971.61	939.57	32.04
2	17.99	1311.88	340.27	971.61	939.57	32.04
3	17.18	1393.15	374.49	1018.66	989.93	28.73
3	16.38	1474.30	405.62	1068.68	1040.17	28.51
3	15.58	1555.32	434.29	1121.04	1090.29	30.75
3	14.77	1636.24	460.87	1175.38	1140.30	35.08
3	13.97	1717.06	485.61	1231.45	1190.21	41.23
3						

3	13.18	1797.78	515.51	1282.27	1240.03	42.24
3	12.38	1878.42	546.42	1332.00	1289.76	42.24
3	11.58	1958.98	577.33	1381.66	1339.42	42.24
3	10.79	2039.48	608.23	1431.24	1389.00	42.24
3	10.00	2119.90	640.65	1479.24	1438.51	40.73
4	10.00	2119.90	640.65	1479.24	1438.51	40.73
4	8.99	2233.39	701.46	1531.93	1501.51	30.42
4	7.98	2346.72	755.22	1591.50	1564.34	27.16
4	6.97	2459.91	805.92	1653.99	1627.04	26.95
4	5.97	2572.97	855.18	1717.79	1689.60	28.19
4	4.97	2685.89	903.52	1782.37	1752.03	30.34
4	3.97	2798.68	951.03	1847.65	1814.32	33.33
4	2.98	2911.35	997.59	1913.76	1876.49	37.27
4	1.98	3023.88	1044.72	1979.17	1938.53	40.64
4	0.99	3136.29	1093.73	2042.56	2000.44	42.12
4	0.00	3248.56	1144.36	2104.20	2062.21	41.99

Time = 60. Degree of Consolidation = 12.%

Total Settlement = 0.071

Settlement at End of Primary Consolidation = 0.604

Settlement caused by Primary Consolidation at time 60. = 0.071

Settlement caused by Secondary Compression at time 60. = 0.000

*****Current Conditions in Dredged Fill*****

***** Coordinates *****

***** Void Ratios *****

	A	XI	Z	Einitial	E	Eeop
Material	4.00	3.13	0.40	9.11	9.11	9.11
5	3.95	3.08	0.39	9.11	9.07	8.65
5	3.90	3.03	0.39	9.11	9.03	8.20
5	3.85	2.98	0.38	9.11	8.99	7.74
5	3.80	2.93	0.38	9.11	8.96	7.29
5	3.75	2.88	0.37	9.11	8.92	6.83
5	3.70	2.83	0.37	9.11	8.89	6.37
5	3.65	2.78	0.36	9.11	8.85	5.92
5	3.60	2.73	0.36	9.11	8.82	5.46
5	3.55	2.69	0.35	9.11	8.78	5.00
5	3.50	2.64	0.35	9.11	8.74	4.79
5	3.45	2.59	0.34	9.11	8.71	4.78
5	3.40	2.54	0.34	9.11	8.67	4.78
5	3.35	2.49	0.33	9.11	8.63	4.77
5	3.30	2.45	0.33	9.11	8.59	4.77
5	3.25	2.40	0.32	9.11	8.54	4.76
5	3.20	2.35	0.32	9.11	8.50	4.76
5	3.15	2.31	0.31	9.11	8.45	4.75
5	3.10	2.26	0.31	9.11	8.40	4.74
5	3.05	2.21	0.30	9.11	8.35	4.73
5	3.00	2.17	0.30	9.11	8.30	4.63
5	3.00	2.17	0.30	9.11	8.30	4.63
5	2.95	2.12	0.29	9.11	8.25	4.52
5	2.90	2.08	0.29	9.11	8.20	4.42
5	2.85	2.03	0.28	9.11	8.14	4.31
5	2.80	1.98	0.28	9.11	8.08	4.21

5	2.75	1.94	0.27	9.11	8.02	4.10
5	2.70	1.90	0.27	9.11	7.96	3.99
5	2.65	1.85	0.26	9.11	7.90	3.89
5	2.60	1.81	0.26	9.11	7.83	3.78
5	2.55	1.76	0.25	9.11	7.77	3.68
5	2.50	1.72	0.25	9.11	7.70	3.57
5	2.45	1.68	0.24	9.11	7.63	3.47
5	2.40	1.64	0.24	9.11	7.55	3.36
5	2.35	1.59	0.23	9.11	7.48	3.26
5	2.30	1.55	0.23	9.11	7.40	3.15
5	2.25	1.51	0.22	9.11	7.33	3.04
5	2.20	1.47	0.22	9.11	7.25	2.94
5	2.15	1.43	0.21	9.11	7.17	2.83
5	2.10	1.39	0.21	9.11	7.09	2.73
5	2.05	1.35	0.20	9.11	7.01	2.62
5	2.00	1.31	0.20	9.11	6.93	2.52
5	2.00	1.31	0.20	9.11	6.93	2.52
5	1.95	1.27	0.19	9.11	6.85	2.41
5	1.90	1.23	0.19	9.11	6.77	2.30
5	1.85	1.19	0.18	9.11	6.69	2.20
5	1.80	1.16	0.18	9.11	6.61	2.09
5	1.75	1.12	0.17	9.11	6.53	1.99
5	1.70	1.08	0.17	9.11	6.45	1.88
5	1.65	1.04	0.16	9.11	6.38	1.78
5	1.60	1.01	0.16	9.11	6.30	1.74
5	1.55	0.97	0.15	9.11	6.22	1.74
5	1.50	0.94	0.15	9.11	6.15	1.73

5	1.45	0.90	0.14	9.11	6.07	1.73
5	1.40	0.87	0.14	9.11	6.00	1.73
5	1.35	0.83	0.13	9.11	5.93	1.73
5	1.30	0.80	0.13	9.11	5.86	1.72
5	1.25	0.76	0.12	9.11	5.80	1.72
5	1.20	0.73	0.12	9.11	5.73	1.72
5	1.15	0.70	0.11	9.11	5.67	1.72
5	1.10	0.66	0.11	9.11	5.61	1.71
5	1.05	0.63	0.10	9.11	5.55	1.71
5	1.00	0.60	0.10	9.11	5.49	1.71
5	1.00	0.60	0.10	9.11	5.49	1.71
5	0.95	0.57	0.09	9.11	5.43	1.71
5	0.90	0.54	0.09	9.11	5.38	1.70
5	0.85	0.50	0.08	9.11	5.33	1.70
5	0.80	0.47	0.08	9.11	5.28	1.70
5	0.75	0.44	0.07	9.11	5.23	1.70
5	0.70	0.41	0.07	9.11	5.18	1.69
5	0.65	0.38	0.06	9.11	5.14	1.69
5	0.60	0.35	0.06	9.11	5.10	1.69
5	0.55	0.32	0.05	9.11	5.06	1.69
5	0.50	0.29	0.05	9.11	5.03	1.68
5	0.45	0.26	0.04	9.11	5.00	1.68
5	0.40	0.23	0.04	9.11	4.96	1.68
5	0.35	0.20	0.03	9.11	4.94	1.67
5	0.30	0.17	0.03	9.11	4.91	1.67
5	0.25	0.14	0.02	9.11	4.88	1.67
5	0.20	0.12	0.02	9.11	4.86	1.67

5	0.15	0.09	0.01	9.11	4.84	1.66
5	0.10	0.06	0.01	9.11	4.82	1.66
5	0.05	0.03	0.00	9.11	4.80	1.66
5	0.00	0.00	0.00	9.11	4.78	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	3.13	0.00	0.00	0.00	0.00	0.00
5	3.08	3.64	0.05	3.60	3.11	0.48
5	3.03	7.27	0.09	7.18	6.22	0.97
5	2.98	10.89	0.13	10.76	9.31	1.45
5	2.93	14.50	0.18	14.32	12.38	1.94
5	2.88	18.09	0.22	17.88	15.45	2.42
5	2.83	21.68	0.26	21.42	18.51	2.91
5	2.78	25.25	0.30	24.95	21.55	3.40
5	2.73	28.81	0.34	28.47	24.59	3.88
5	2.69	32.37	0.38	31.98	27.61	4.37
5	2.64	35.91	0.42	35.48	30.63	4.86
5	2.59	39.44	0.47	38.97	33.63	5.34
5	2.54	42.95	0.51	42.44	36.62	5.82
5	2.49	46.46	0.56	45.90	39.59	6.31
5	2.45	49.95	0.61	49.34	42.56	6.79
5	2.40	53.43	0.66	52.77	45.51	7.26
5	2.35	56.90	0.71	56.19	48.45	7.74
5	2.31	60.35	0.76	59.59	51.37	8.22
5	2.26	63.79	0.82	62.97	54.28	8.69
5	2.21	67.21	0.87	66.34	57.18	9.16

5	2.17	70.62	0.93	69.68	60.06	9.63
5	2.17	70.62	0.93	69.68	60.06	9.63
5	2.12	74.01	0.99	73.01	62.92	10.09
5	2.08	77.38	1.06	76.33	65.77	10.56
5	2.03	80.74	1.12	79.62	68.60	11.02
5	1.98	84.08	1.19	82.89	71.41	11.49
5	1.94	87.40	1.26	86.15	74.20	11.94
5	1.90	90.71	1.33	89.38	76.98	12.40
5	1.85	93.99	1.40	92.59	79.73	12.85
5	1.81	97.25	1.48	95.78	82.47	13.31
5	1.76	100.50	1.56	98.94	85.19	13.76
5	1.72	103.72	1.64	102.08	87.88	14.20
5	1.68	106.92	1.72	105.20	90.55	14.65
5	1.64	110.10	1.80	108.30	93.20	15.09
5	1.59	113.26	1.89	111.37	95.83	15.54
5	1.55	116.39	1.97	114.41	98.44	15.98
5	1.51	119.50	2.06	117.44	101.02	16.42
5	1.47	122.58	2.15	120.43	103.58	16.86
5	1.43	125.65	2.24	123.40	106.11	17.29
5	1.39	128.68	2.33	126.35	108.62	17.73
5	1.35	131.70	2.43	129.27	111.10	18.17
5	1.31	134.69	2.52	132.17	113.57	18.60
5	1.31	134.69	2.52	132.17	113.57	18.60
5	1.27	137.65	2.61	135.04	116.00	19.04
5	1.23	140.59	2.70	137.88	118.41	19.47
5	1.19	143.50	2.80	140.71	120.80	19.91
5	1.16	146.39	2.89	143.50	123.16	20.34

5	1.12	149.26	2.98	146.28	125.50	20.78
5	1.08	152.10	3.07	149.03	127.81	21.22
5	1.04	154.92	3.16	151.75	130.10	21.65
5	1.01	157.71	3.25	154.46	132.36	22.09
5	0.97	160.48	3.34	157.14	134.60	22.53
5	0.94	163.22	3.43	159.79	136.82	22.97
5	0.90	165.95	3.51	162.43	139.02	23.42
5	0.87	168.65	3.60	165.05	141.19	23.86
5	0.83	171.32	3.68	167.65	143.34	24.31
5	0.80	173.98	3.76	170.22	145.47	24.75
5	0.76	176.62	3.84	172.78	147.57	25.21
5	0.73	179.23	3.91	175.32	149.66	25.66
5	0.70	181.83	3.98	177.84	151.73	26.11
5	0.66	184.40	4.06	180.35	153.78	26.57
5	0.63	186.96	4.12	182.84	155.81	27.03
5	0.60	189.50	4.19	185.31	157.82	27.49
5	0.60	189.50	4.19	185.31	157.82	27.49
5	0.57	192.02	4.26	187.76	159.81	27.95
5	0.54	194.53	4.32	190.21	161.79	28.42
5	0.50	197.01	4.38	192.63	163.75	28.89
5	0.47	199.49	4.44	195.05	165.69	29.36
5	0.44	201.94	4.49	197.45	167.62	29.83
5	0.41	204.39	4.54	199.84	169.54	30.31
5	0.38	206.82	4.59	202.22	171.44	30.78
5	0.35	209.23	4.64	204.60	173.33	31.27
5	0.32	211.64	4.68	206.96	175.21	31.75
5	0.29	214.03	4.72	209.31	177.07	32.24

5	0.26	216.42	4.76	211.65	178.93	32.73
5	0.23	218.79	4.80	213.99	180.77	33.22
5	0.20	221.15	4.83	216.32	182.61	33.71
5	0.17	223.51	4.86	218.65	184.44	34.21
5	0.14	225.86	4.89	220.97	186.26	34.71
5	0.12	228.20	4.92	223.28	188.07	35.21
5	0.09	230.53	4.94	225.59	189.87	35.71
5	0.06	232.86	4.97	227.89	191.67	36.22
5	0.03	235.18	4.99	230.19	193.46	36.73
5	0.00	237.49	5.51	231.98	195.25	36.73

Time = 60. Degree of Consolidation = 37.%

Total Settlement = 0.871

Settlement at End of Primary Consolidation = 2.326

Settlement caused by Primary Consolidation at time 60. = 0.871

Settlement caused by Secondary Compression at time 60. = 0.000

Surface Elevation = 2.56

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.92	12.05	24.00	23.37	19.14
1	29.79	29.72	12.04	23.95	23.32	19.09
1	29.59	29.52	12.03	23.90	23.27	19.04
1	29.39	29.33	12.03	23.85	23.22	19.00

1	29.19	29.13	12.02	23.81	23.17	18.95
1	28.99	28.94	12.01	23.76	23.12	18.90
1	28.79	28.74	12.00	23.71	23.07	18.85
1	28.59	28.55	11.99	23.66	23.02	18.80
1	28.39	28.35	11.99	23.61	22.98	18.75
1	28.19	28.16	11.98	23.56	22.93	18.70
1	27.99	27.97	11.97	23.51	22.88	18.66
2	27.99	27.97	11.97	2.20	2.19	2.14
2	26.66	26.65	11.55	2.14	2.13	2.07
2	25.36	25.35	11.13	2.07	2.07	2.02
2	24.09	24.07	10.71	2.02	2.02	1.98
2	22.83	22.82	10.30	1.98	1.98	1.93
2	21.60	21.58	9.88	1.93	1.93	1.89
2	20.38	20.36	9.46	1.89	1.89	1.84
2	19.18	19.17	9.04	1.84	1.84	1.80
2	18.00	17.99	8.62	1.80	1.78	1.75
3	18.00	17.99	8.62	1.56	1.56	1.56
3	17.19	17.18	8.31	1.56	1.55	1.55
3	16.38	16.38	7.99	1.55	1.55	1.54
3	15.58	15.57	7.68	1.55	1.54	1.54
3	14.78	14.77	7.36	1.54	1.54	1.53
3	13.98	13.97	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.52
3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.58	6.10	1.52	1.52	1.52
3	10.79	10.79	5.78	1.52	1.52	1.51
3	10.00	9.99	5.47	1.51	1.51	1.51

4	10.00	9.99	5.47	0.85	0.85	0.85
4	8.99	8.98	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.84	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.92	228.02	5.52	222.49	185.77	36.72
1	29.72	240.71	5.94	234.76	198.04	36.72
1	29.52	253.38	6.37	247.01	210.29	36.72
1	29.33	266.02	6.79	259.23	222.51	36.72
1	29.13	278.64	7.21	271.42	234.70	36.72
1	28.94	291.23	7.64	283.60	246.87	36.72
1	28.74	303.80	8.06	295.74	259.02	36.72
1	28.55	316.35	8.48	307.86	271.14	36.72
1	28.35	328.87	8.91	319.96	283.24	36.72
1	28.16	341.37	9.33	332.03	295.31	36.72
1	27.97	353.84	9.75	344.08	307.36	36.72
1	27.97	353.84	9.75	344.08	307.36	36.72
2	26.65	477.11	49.95	427.16	389.90	37.25

2	25.35	598.80	85.69	513.11	470.87	42.24
2	24.07	719.06	126.42	592.64	550.40	42.24
2	22.82	838.12	167.15	670.97	628.73	42.24
2	21.58	956.04	209.09	746.95	705.91	41.04
2	20.36	1072.75	253.26	819.48	781.89	37.59
2	19.17	1188.19	296.31	891.87	856.60	35.27
2	17.99	1302.29	341.44	960.85	929.98	30.88
2	17.99	1302.29	341.44	960.85	929.98	30.88
3	17.18	1383.56	375.54	1008.02	980.34	27.69
3	16.38	1464.70	406.50	1058.20	1030.57	27.63
3	15.57	1545.72	434.96	1110.76	1080.69	30.07
3	14.77	1626.64	461.31	1165.32	1130.69	34.63
3	13.97	1707.45	485.84	1221.62	1180.61	41.01
3	13.18	1788.17	515.51	1272.66	1230.42	42.24
3	12.38	1868.81	546.42	1322.39	1280.15	42.24
3	11.58	1949.38	577.33	1372.05	1329.81	42.24
3	10.79	2029.87	608.30	1421.57	1379.39	42.18
3	9.99	2110.29	640.95	1469.34	1428.91	40.43
3	9.99	2110.29	640.95	1469.34	1428.91	40.43
4	8.98	2223.77	703.28	1520.50	1491.90	28.60
4	7.98	2337.10	757.89	1579.21	1554.73	24.49
4	6.97	2450.29	808.86	1641.43	1617.42	24.02
4	5.97	2563.34	857.96	1705.38	1679.97	25.41
4	4.97	2676.25	905.89	1770.37	1742.39	27.98
4	3.97	2789.04	952.84	1836.20	1804.68	31.52
4	2.98	2901.70	998.82	1902.87	1866.84	36.04
4	1.98	3014.23	1045.46	1968.77	1928.88	39.89

4	0.99	3126.64	1094.13	2032.50	1990.78	41.72
4	0.00	3238.90	1144.63	2094.27	2052.56	41.72

Time = 75. Degree of Consolidation = 12.%

Total Settlement = 0.074

Settlement at End of Primary Consolidation = 0.604

Settlement caused by Primary Consolidation at time 75. = 0.074

Settlement caused by Secondary Compression at time 75. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	4.00	2.98	0.40	9.11	9.11	9.11
5	3.95	2.93	0.39	9.11	9.02	8.65
5	3.90	2.88	0.39	9.11	8.94	8.20
5	3.85	2.83	0.38	9.11	8.86	7.74
5	3.80	2.78	0.38	9.11	8.79	7.29
5	3.75	2.73	0.37	9.11	8.72	6.83
5	3.70	2.68	0.37	9.11	8.65	6.37
5	3.65	2.64	0.36	9.11	8.58	5.92
5	3.60	2.59	0.36	9.11	8.51	5.46
5	3.55	2.54	0.35	9.11	8.44	5.00
5	3.50	2.50	0.35	9.11	8.38	4.79
5	3.45	2.45	0.34	9.11	8.31	4.78
5	3.40	2.40	0.34	9.11	8.25	4.78

5	3.35	2.36	0.33	9.11	8.18	4.77
5	3.30	2.31	0.33	9.11	8.12	4.77
5	3.25	2.27	0.32	9.11	8.05	4.76
5	3.20	2.22	0.32	9.11	7.99	4.76
5	3.15	2.18	0.31	9.11	7.92	4.75
5	3.10	2.14	0.31	9.11	7.86	4.74
5	3.05	2.09	0.30	9.11	7.79	4.73
5	3.00	2.05	0.30	9.11	7.72	4.63
5	3.00	2.05	0.30	9.11	7.72	4.63
5	2.95	2.01	0.29	9.11	7.65	4.52
5	2.90	1.96	0.29	9.11	7.59	4.42
5	2.85	1.92	0.28	9.11	7.52	4.31
5	2.80	1.88	0.28	9.11	7.45	4.21
5	2.75	1.84	0.27	9.11	7.38	4.10
5	2.70	1.80	0.27	9.11	7.31	3.99
5	2.65	1.75	0.26	9.11	7.24	3.89
5	2.60	1.71	0.26	9.11	7.17	3.78
5	2.55	1.67	0.25	9.11	7.10	3.68
5	2.50	1.63	0.25	9.11	7.02	3.57
5	2.45	1.59	0.24	9.11	6.95	3.47
5	2.40	1.56	0.24	9.11	6.88	3.36
5	2.35	1.52	0.23	9.11	6.81	3.26
5	2.30	1.48	0.23	9.11	6.74	3.15
5	2.25	1.44	0.22	9.11	6.67	3.04
5	2.20	1.40	0.22	9.11	6.60	2.94
5	2.15	1.37	0.21	9.11	6.53	2.83
5	2.10	1.33	0.21	9.11	6.46	2.73

5	2.05	1.29	0.20	9.11	6.39	2.62
5	2.00	1.25	0.20	9.11	6.32	2.52
5	2.00	1.25	0.20	9.11	6.32	2.52
5	1.95	1.22	0.19	9.11	6.25	2.41
5	1.90	1.18	0.19	9.11	6.19	2.30
5	1.85	1.15	0.18	9.11	6.12	2.20
5	1.80	1.11	0.18	9.11	6.06	2.09
5	1.75	1.08	0.17	9.11	5.99	1.99
5	1.70	1.04	0.17	9.11	5.93	1.88
5	1.65	1.01	0.16	9.11	5.87	1.78
5	1.60	0.98	0.16	9.11	5.81	1.74
5	1.55	0.94	0.15	9.11	5.75	1.74
5	1.50	0.91	0.15	9.11	5.70	1.73
5	1.45	0.88	0.14	9.11	5.64	1.73
5	1.40	0.84	0.14	9.11	5.59	1.73
5	1.35	0.81	0.13	9.11	5.54	1.73
5	1.30	0.78	0.13	9.11	5.49	1.72
5	1.25	0.75	0.12	9.11	5.45	1.72
5	1.20	0.71	0.12	9.11	5.40	1.72
5	1.15	0.68	0.11	9.11	5.36	1.72
5	1.10	0.65	0.11	9.11	5.32	1.71
5	1.05	0.62	0.10	9.11	5.28	1.71
5	1.00	0.59	0.10	9.11	5.24	1.71
5	1.00	0.59	0.10	9.11	5.24	1.71
5	0.95	0.56	0.09	9.11	5.20	1.71
5	0.90	0.53	0.09	9.11	5.16	1.70
5	0.85	0.50	0.08	9.11	5.13	1.70

5	0.80	0.47	0.08	9.11	5.10	1.70
5	0.75	0.44	0.07	9.11	5.07	1.70
5	0.70	0.41	0.07	9.11	5.04	1.69
5	0.65	0.38	0.06	9.11	5.01	1.69
5	0.60	0.35	0.06	9.11	4.98	1.69
5	0.55	0.32	0.05	9.11	4.96	1.69
5	0.50	0.29	0.05	9.11	4.94	1.68
5	0.45	0.26	0.04	9.11	4.92	1.68
5	0.40	0.23	0.04	9.11	4.90	1.68
5	0.35	0.20	0.03	9.11	4.88	1.67
5	0.30	0.17	0.03	9.11	4.86	1.67
5	0.25	0.14	0.02	9.11	4.85	1.67
5	0.20	0.11	0.02	9.11	4.83	1.67
5	0.15	0.09	0.01	9.11	4.82	1.66
5	0.10	0.06	0.01	9.11	4.81	1.66
5	0.05	0.03	0.00	9.11	4.80	1.66
5	0.00	0.00	0.00	9.11	4.78	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.98	0.00	0.00	0.00	0.00	0.00
5	2.93	3.63	0.10	3.54	3.11	0.43
5	2.88	7.24	0.19	7.05	6.19	0.86
5	2.83	10.83	0.28	10.54	9.24	1.30
5	2.78	14.39	0.37	14.02	12.28	1.74
5	2.73	17.93	0.46	17.47	15.29	2.19
5	2.68	21.44	0.54	20.91	18.27	2.63

5	2.64	24.94	0.62	24.32	21.24	3.08
5	2.59	28.41	0.69	27.71	24.19	3.53
5	2.54	31.86	0.77	31.09	27.11	3.98
5	2.50	35.29	0.85	34.45	30.01	4.43
5	2.45	38.71	0.92	37.78	32.90	4.88
5	2.40	42.10	1.00	41.10	35.76	5.34
5	2.36	45.47	1.07	44.40	38.61	5.79
5	2.31	48.82	1.15	47.67	41.43	6.24
5	2.27	52.15	1.22	50.93	44.23	6.70
5	2.22	55.46	1.30	54.17	47.02	7.15
5	2.18	58.76	1.38	57.38	49.78	7.60
5	2.14	62.03	1.45	60.58	52.52	8.05
5	2.09	65.28	1.53	63.75	55.25	8.50
5	2.05	68.51	1.61	66.90	57.95	8.95
5	2.05	68.51	1.61	66.90	57.95	8.95
5	2.01	71.72	1.68	70.03	60.63	9.40
5	1.96	74.91	1.76	73.14	63.29	9.85
5	1.92	78.07	1.84	76.23	65.93	10.30
5	1.88	81.22	1.92	79.30	68.55	10.75
5	1.84	84.34	2.00	82.34	71.14	11.20
5	1.80	87.45	2.08	85.36	73.72	11.64
5	1.75	90.53	2.17	88.36	76.27	12.09
5	1.71	93.59	2.25	91.34	78.80	12.54
5	1.67	96.62	2.33	94.29	81.31	12.98
5	1.63	99.64	2.41	97.23	83.80	13.43
5	1.59	102.63	2.50	100.14	86.27	13.87
5	1.56	105.61	2.58	103.03	88.71	14.32

5	1.52	108.55	2.66	105.89	91.13	14.76
5	1.48	111.48	2.74	108.74	93.53	15.21
5	1.44	114.39	2.83	111.56	95.91	15.65
5	1.40	117.27	2.91	114.36	98.26	16.10
5	1.37	120.13	2.99	117.14	100.60	16.55
5	1.33	122.97	3.07	119.90	102.91	16.99
5	1.29	125.79	3.15	122.64	105.20	17.44
5	1.25	128.59	3.23	125.36	107.47	17.89
5	1.25	128.59	3.23	125.36	107.47	17.89
5	1.22	131.37	3.31	128.06	109.72	18.34
5	1.18	134.12	3.38	130.74	111.94	18.79
5	1.15	136.86	3.46	133.40	114.15	19.24
5	1.11	139.57	3.54	136.04	116.34	19.70
5	1.08	142.27	3.61	138.66	118.51	20.15
5	1.04	144.94	3.68	141.26	120.65	20.61
5	1.01	147.60	3.75	143.85	122.78	21.07
5	0.98	150.24	3.82	146.42	124.90	21.53
5	0.94	152.86	3.88	148.98	126.99	21.99
5	0.91	155.46	3.95	151.52	129.06	22.45
5	0.88	158.05	4.01	154.04	131.12	22.92
5	0.84	160.62	4.07	156.55	133.16	23.39
5	0.81	163.18	4.13	159.05	135.19	23.85
5	0.78	165.72	4.19	161.53	137.20	24.33
5	0.75	168.24	4.24	164.00	139.20	24.80
5	0.71	170.75	4.29	166.46	141.18	25.28
5	0.68	173.25	4.34	168.90	143.15	25.75
5	0.65	175.73	4.39	171.34	145.10	26.23

5	0.62	178.20	4.44	173.76	147.05	26.71
5	0.59	180.66	4.48	176.18	148.98	27.20
5	0.59	180.66	4.48	176.18	148.98	27.20
5	0.56	183.11	4.53	178.58	150.90	27.68
5	0.53	185.54	4.57	180.97	152.80	28.17
5	0.50	187.97	4.61	183.36	154.70	28.66
5	0.47	190.38	4.65	185.73	156.59	29.15
5	0.44	192.78	4.68	188.10	158.46	29.64
5	0.41	195.18	4.71	190.46	160.33	30.13
5	0.38	197.57	4.75	192.82	162.19	30.63
5	0.35	199.94	4.78	195.17	164.04	31.13
5	0.32	202.32	4.80	197.51	165.88	31.63
5	0.29	204.68	4.83	199.85	167.72	32.13
5	0.26	207.04	4.85	202.18	169.55	32.64
5	0.23	209.39	4.88	204.51	171.37	33.14
5	0.20	211.73	4.90	206.83	173.19	33.65
5	0.17	214.07	4.92	209.15	175.00	34.16
5	0.14	216.41	4.94	211.47	176.80	34.67
5	0.11	218.74	4.95	213.78	178.61	35.18
5	0.09	221.06	4.97	216.09	180.40	35.69
5	0.06	223.38	4.98	218.40	182.20	36.20
5	0.03	225.70	4.99	220.71	183.99	36.72
5	0.00	228.02	5.52	222.49	185.77	36.72

Time = 75. Degree of Consolidation = 44.%

Total Settlement = 1.023

Settlement at End of Primary Consolidation = 2.326

1.023 Settlement caused by Primary Consolidation at time 75. =

0.000 Settlement caused by Secondary Compression at time 75. =

Surface Elevation = 2.40

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.90	12.05	24.00	23.21	19.14
1	29.79	29.70	12.04	23.95	23.16	19.09
1	29.59	29.51	12.03	23.90	23.11	19.04
1	29.39	29.31	12.03	23.85	23.06	19.00
1	29.19	29.12	12.02	23.81	23.02	18.95
1	28.99	28.92	12.01	23.76	22.97	18.90
1	28.79	28.73	12.00	23.71	22.92	18.85
1	28.59	28.54	11.99	23.66	22.87	18.80
1	28.39	28.34	11.99	23.61	22.82	18.75
1	28.19	28.15	11.98	23.56	22.77	18.70
1	27.99	27.96	11.97	23.51	22.73	18.66
2	27.99	27.96	11.97	2.20	2.19	2.14
2	26.66	26.64	11.55	2.14	2.13	2.07
2	25.36	25.34	11.13	2.07	2.07	2.02
2	24.09	24.07	10.71	2.02	2.02	1.98
2	22.83	22.81	10.30	1.98	1.98	1.93
2	21.60	21.57	9.88	1.93	1.93	1.89

2	20.38	20.36	9.46	1.89	1.88	1.84
2	19.18	19.16	9.04	1.84	1.83	1.80
2	18.00	17.99	8.62	1.80	1.78	1.75
3	18.00	17.99	8.62	1.56	1.56	1.56
3	17.19	17.18	8.31	1.56	1.55	1.55
3	16.38	16.38	7.99	1.55	1.55	1.54
3	15.58	15.57	7.68	1.55	1.54	1.54
3	14.78	14.77	7.36	1.54	1.54	1.53
3	13.98	13.97	7.05	1.53	1.53	1.53
3	13.18	13.17	6.73	1.53	1.53	1.52
3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.58	6.10	1.52	1.52	1.52
3	10.79	10.79	5.78	1.52	1.52	1.51
3	10.00	9.99	5.47	1.51	1.51	1.51
4	10.00	9.99	5.47	0.85	0.85	0.85
4	8.99	8.98	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.83	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

	XI	Total	Effective	Total	Static	Excess
Material	29.90	210.49	6.90	203.59	168.25	35.34
1	29.70	223.10	7.31	215.79	180.44	35.35
1	29.51	235.69	7.73	227.96	192.60	35.36
1	29.31	248.26	8.14	240.11	204.74	35.37
1	29.12	260.80	8.56	252.24	216.86	35.38
1	28.92	273.31	8.98	264.34	228.95	35.38
1	28.73	285.81	9.39	276.41	241.02	35.39
1	28.54	298.27	9.81	288.46	253.07	35.39
1	28.34	310.72	10.23	300.48	265.09	35.39
1	28.15	323.14	10.66	312.48	277.08	35.40
1	27.96	335.53	11.08	324.45	289.06	35.40
1	27.96	335.53	11.08	324.45	289.06	35.40
2	26.64	458.77	50.33	408.44	371.57	36.87
2	25.34	580.46	85.69	494.77	452.52	42.24
2	24.07	700.72	126.42	574.29	532.05	42.24
2	22.81	819.78	167.52	652.25	610.38	41.87
2	21.57	937.67	210.46	727.21	687.54	39.67
2	20.36	1054.32	255.71	798.61	763.47	35.15
2	19.16	1169.67	299.50	870.17	838.09	32.08
2	17.99	1283.68	344.08	939.60	911.37	28.24
2	17.99	1283.68	344.08	939.60	911.37	28.24
3	17.18	1364.94	377.73	987.21	961.72	25.49
3	16.38	1446.07	408.24	1037.84	1011.95	25.89
3	15.57	1527.09	436.24	1090.85	1062.06	28.79
3	14.77	1608.00	462.15	1145.86	1112.06	33.80
3	13.97	1688.82	486.24	1202.58	1161.97	40.61

3	13.17	1769.54	515.51	1254.02	1211.78	42.24
3	12.38	1850.17	546.42	1303.75	1261.51	42.24
3	11.58	1930.74	577.33	1353.41	1311.17	42.24
3	10.79	2011.23	608.77	1402.47	1360.76	41.71
3	9.99	2091.65	641.93	1449.72	1410.27	39.45
4	9.99	2091.65	641.93	1449.72	1410.27	39.45
4	8.98	2205.13	707.69	1497.44	1473.25	24.19
4	7.98	2318.44	764.28	1554.17	1536.06	18.10
4	6.97	2431.61	815.98	1615.63	1598.73	16.89
4	5.97	2544.64	864.87	1679.77	1661.27	18.50
4	4.97	2657.53	911.95	1745.58	1723.67	21.91
4	3.97	2770.31	957.74	1812.56	1785.94	26.62
4	2.98	2882.95	1002.58	1880.37	1848.09	32.28
4	1.98	2995.48	1048.28	1947.20	1910.12	37.07
4	0.99	3107.88	1096.29	2011.58	1972.02	39.56
4	0.00	3220.14	1146.52	2073.62	2033.79	39.83

Time = 120. Degree of Consolidation = 15.%

Total Settlement = 0.093

Settlement at End of Primary Consolidation = 0.604

Settlement caused by Primary Consolidation at time 120. = 0.093

Settlement caused by Secondary Compression at time 120. = 0.000

*****Current Conditions in Dredged Fill*****

***** Coordinates *****

***** Void Ratios *****

	A	XI	Z	Einitial	E	Eeop
Material	4.00	2.70	0.40	9.11	9.11	9.11
5	3.95	2.65	0.39	9.11	8.89	8.65
5	3.90	2.60	0.39	9.11	8.69	8.20
5	3.85	2.55	0.38	9.11	8.50	7.74
5	3.80	2.50	0.38	9.11	8.31	7.29
5	3.75	2.46	0.37	9.11	8.14	6.83
5	3.70	2.41	0.37	9.11	7.98	6.37
5	3.65	2.37	0.36	9.11	7.82	5.92
5	3.60	2.33	0.36	9.11	7.68	5.46
5	3.55	2.28	0.35	9.11	7.54	5.00
5	3.50	2.24	0.35	9.11	7.41	4.79
5	3.45	2.20	0.34	9.11	7.28	4.78
5	3.40	2.16	0.34	9.11	7.16	4.78
5	3.35	2.12	0.33	9.11	7.05	4.77
5	3.30	2.08	0.33	9.11	6.94	4.77
5	3.25	2.04	0.32	9.11	6.84	4.76
5	3.20	2.00	0.32	9.11	6.75	4.76
5	3.15	1.97	0.31	9.11	6.66	4.75
5	3.10	1.93	0.31	9.11	6.57	4.74
5	3.05	1.89	0.30	9.11	6.49	4.73
5	3.00	1.85	0.30	9.11	6.41	4.63
5	3.00	1.85	0.30	9.11	6.41	4.63
5	2.95	1.82	0.29	9.11	6.33	4.52
5	2.90	1.78	0.29	9.11	6.25	4.42
5	2.85	1.75	0.28	9.11	6.18	4.31
5	2.80	1.71	0.28	9.11	6.12	4.21

5	2.75	1.67	0.27	9.11	6.05	4.10
5	2.70	1.64	0.27	9.11	5.99	3.99
5	2.65	1.61	0.26	9.11	5.93	3.89
5	2.60	1.57	0.26	9.11	5.87	3.78
5	2.55	1.54	0.25	9.11	5.82	3.68
5	2.50	1.50	0.25	9.11	5.77	3.57
5	2.45	1.47	0.24	9.11	5.72	3.47
5	2.40	1.44	0.24	9.11	5.67	3.36
5	2.35	1.40	0.23	9.11	5.62	3.26
5	2.30	1.37	0.23	9.11	5.58	3.15
5	2.25	1.34	0.22	9.11	5.54	3.04
5	2.20	1.31	0.22	9.11	5.50	2.94
5	2.15	1.28	0.21	9.11	5.46	2.83
5	2.10	1.24	0.21	9.11	5.42	2.73
5	2.05	1.21	0.20	9.11	5.39	2.62
5	2.00	1.18	0.20	9.11	5.36	2.52
5	2.00	1.18	0.20	9.11	5.36	2.52
5	1.95	1.15	0.19	9.11	5.32	2.41
5	1.90	1.12	0.19	9.11	5.29	2.30
5	1.85	1.09	0.18	9.11	5.26	2.20
5	1.80	1.06	0.18	9.11	5.23	2.09
5	1.75	1.03	0.17	9.11	5.20	1.99
5	1.70	0.99	0.17	9.11	5.18	1.88
5	1.65	0.96	0.16	9.11	5.15	1.78
5	1.60	0.93	0.16	9.11	5.13	1.74
5	1.55	0.90	0.15	9.11	5.11	1.74
5	1.50	0.87	0.15	9.11	5.08	1.73

5	1.45	0.84	0.14	9.11	5.06	1.73
5	1.40	0.81	0.14	9.11	5.04	1.73
5	1.35	0.78	0.13	9.11	5.03	1.73
5	1.30	0.75	0.13	9.11	5.01	1.72
5	1.25	0.72	0.12	9.11	4.99	1.72
5	1.20	0.69	0.12	9.11	4.98	1.72
5	1.15	0.66	0.11	9.11	4.96	1.72
5	1.10	0.64	0.11	9.11	4.95	1.71
5	1.05	0.61	0.10	9.11	4.93	1.71
5	1.00	0.58	0.10	9.11	4.92	1.71
5	1.00	0.58	0.10	9.11	4.92	1.71
5	0.95	0.55	0.09	9.11	4.91	1.71
5	0.90	0.52	0.09	9.11	4.90	1.70
5	0.85	0.49	0.08	9.11	4.88	1.70
5	0.80	0.46	0.08	9.11	4.87	1.70
5	0.75	0.43	0.07	9.11	4.86	1.70
5	0.70	0.40	0.07	9.11	4.85	1.69
5	0.65	0.37	0.06	9.11	4.85	1.69
5	0.60	0.34	0.06	9.11	4.84	1.69
5	0.55	0.32	0.05	9.11	4.83	1.69
5	0.50	0.29	0.05	9.11	4.82	1.68
5	0.45	0.26	0.04	9.11	4.82	1.68
5	0.40	0.23	0.04	9.11	4.81	1.68
5	0.35	0.20	0.03	9.11	4.80	1.67
5	0.30	0.17	0.03	9.11	4.80	1.67
5	0.25	0.14	0.02	9.11	4.79	1.67
5	0.20	0.11	0.02	9.11	4.79	1.67

5	0.15	0.09	0.01	9.11	4.78	1.66
5	0.10	0.06	0.01	9.11	4.78	1.66
5	0.05	0.03	0.00	9.11	4.78	1.66
5	0.00	0.00	0.00	9.11	4.77	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.70	0.00	0.00	0.00	0.00	0.00
5	2.65	3.61	0.25	3.37	3.09	0.28
5	2.60	7.16	0.48	6.68	6.11	0.57
5	2.55	10.65	0.71	9.94	9.07	0.88
5	2.50	14.08	0.92	13.16	11.97	1.19
5	2.46	17.46	1.12	16.34	14.82	1.52
5	2.41	20.78	1.31	19.47	17.61	1.86
5	2.37	24.06	1.49	22.57	20.36	2.21
5	2.33	27.29	1.66	25.62	23.06	2.56
5	2.28	30.47	1.82	28.65	25.72	2.93
5	2.24	33.61	1.97	31.64	28.33	3.31
5	2.20	36.71	2.12	34.60	30.90	3.69
5	2.16	39.78	2.25	37.52	33.44	4.08
5	2.12	42.81	2.38	40.42	35.94	4.48
5	2.08	45.80	2.51	43.30	38.41	4.89
5	2.04	48.77	2.62	46.14	40.85	5.30
5	2.00	51.70	2.73	48.97	43.25	5.71
5	1.97	54.61	2.84	51.77	45.63	6.14
5	1.93	57.48	2.94	54.54	47.98	6.56
5	1.89	60.33	3.04	57.30	50.30	7.00

5	1.85	63.16	3.13	60.03	52.60	7.43
5	1.85	63.16	3.13	60.03	52.60	7.43
5	1.82	65.96	3.22	62.74	54.87	7.87
5	1.78	68.74	3.30	65.44	57.12	8.31
5	1.75	71.50	3.39	68.11	59.35	8.76
5	1.71	74.23	3.47	70.77	61.56	9.21
5	1.67	76.94	3.54	73.40	63.74	9.66
5	1.64	79.64	3.61	76.03	65.91	10.12
5	1.61	82.31	3.68	78.63	68.06	10.57
5	1.57	84.97	3.75	81.22	70.19	11.04
5	1.54	87.61	3.81	83.80	72.30	11.50
5	1.50	90.24	3.87	86.37	74.40	11.97
5	1.47	92.84	3.93	88.92	76.48	12.44
5	1.44	95.44	3.98	91.46	78.54	12.91
5	1.40	98.02	4.04	93.98	80.59	13.39
5	1.37	100.58	4.09	96.50	82.63	13.87
5	1.34	103.13	4.13	99.00	84.65	14.35
5	1.31	105.67	4.18	101.49	86.67	14.83
5	1.28	108.20	4.22	103.98	88.67	15.31
5	1.24	110.72	4.27	106.45	90.65	15.80
5	1.21	113.22	4.31	108.92	92.63	16.29
5	1.18	115.72	4.35	111.37	94.60	16.78
5	1.18	115.72	4.35	111.37	94.60	16.78
5	1.15	118.20	4.38	113.82	96.55	17.27
5	1.12	120.68	4.42	116.26	98.50	17.76
5	1.09	123.14	4.46	118.68	100.44	18.25
5	1.06	125.60	4.49	121.11	102.36	18.74

5	1.03	128.04	4.52	123.52	104.28	19.24
5	0.99	130.48	4.55	125.93	106.19	19.74
5	0.96	132.91	4.58	128.33	108.09	20.24
5	0.93	135.33	4.61	130.73	109.99	20.74
5	0.90	137.75	4.64	133.11	111.88	21.24
5	0.87	140.16	4.66	135.50	113.76	21.74
5	0.84	142.56	4.68	137.88	115.63	22.25
5	0.81	144.96	4.71	140.25	117.50	22.75
5	0.78	147.35	4.73	142.62	119.36	23.26
5	0.75	149.73	4.75	144.98	121.22	23.77
5	0.72	152.11	4.77	147.34	123.07	24.27
5	0.69	154.49	4.79	149.70	124.92	24.78
5	0.66	156.86	4.80	152.05	126.76	25.29
5	0.64	159.22	4.82	154.40	128.60	25.81
5	0.61	161.58	4.83	156.75	130.43	26.32
5	0.58	163.94	4.85	159.09	132.26	26.83
5	0.58	163.94	4.85	159.09	132.26	26.83
5	0.55	166.29	4.86	161.43	134.08	27.35
5	0.52	168.64	4.88	163.76	135.90	27.86
5	0.49	170.99	4.89	166.10	137.72	28.38
5	0.46	173.33	4.90	168.43	139.54	28.89
5	0.43	175.67	4.91	170.75	141.35	29.41
5	0.40	178.00	4.92	173.08	143.16	29.92
5	0.37	180.34	4.93	175.40	144.96	30.44
5	0.34	182.67	4.94	177.73	146.76	30.96
5	0.32	185.00	4.95	180.04	148.56	31.48
5	0.29	187.32	4.96	182.36	150.36	32.00

5	0.26	189.65	4.97	184.68	152.16	32.52
5	0.23	191.97	4.98	186.99	153.95	33.04
5	0.20	194.29	4.98	189.31	155.74	33.56
5	0.17	196.61	4.99	191.62	157.54	34.08
5	0.14	198.93	5.00	193.93	159.32	34.61
5	0.11	201.24	5.07	196.17	161.11	35.06
5	0.09	203.56	5.53	198.03	162.90	35.13
5	0.06	205.87	5.98	199.88	164.68	35.20
5	0.03	208.18	6.44	201.74	166.47	35.27
5	0.00	210.49	6.90	203.59	168.25	35.34

Time = 120. Degree of Consolidation = 56.%

Total Settlement = 1.304

Settlement at End of Primary Consolidation = 2.326

Settlement caused by Primary Consolidation at time 120. = 1.304

Settlement caused by Secondary Compression at time 120. = 0.000

Surface Elevation = 2.10

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.85	12.05	24.00	22.73	19.14
1	29.79	29.66	12.04	23.95	22.68	19.09
1	29.59	29.47	12.03	23.90	22.64	19.04
1	29.39	29.27	12.03	23.85	22.59	19.00

1	29.19	29.08	12.02	23.81	22.54	18.95
1	28.99	28.89	12.01	23.76	22.49	18.90
1	28.79	28.70	12.00	23.71	22.44	18.85
1	28.59	28.52	11.99	23.66	22.40	18.80
1	28.39	28.33	11.99	23.61	22.35	18.75
1	28.19	28.14	11.98	23.56	22.30	18.70
1	27.99	27.95	11.97	23.51	22.25	18.66
2	27.99	27.95	11.97	2.20	2.19	2.14
2	26.66	26.63	11.55	2.14	2.13	2.07
2	25.36	25.33	11.13	2.07	2.07	2.02
2	24.09	24.06	10.71	2.02	2.02	1.98
2	22.83	22.80	10.30	1.98	1.98	1.93
2	21.60	21.57	9.88	1.93	1.93	1.89
2	20.38	20.35	9.46	1.89	1.88	1.84
2	19.18	19.16	9.04	1.84	1.83	1.80
2	18.00	17.98	8.62	1.80	1.78	1.75
3	18.00	17.98	8.62	1.56	1.56	1.56
3	17.19	17.18	8.31	1.56	1.55	1.55
3	16.38	16.37	7.99	1.55	1.55	1.54
3	15.58	15.57	7.68	1.55	1.54	1.54
3	14.78	14.77	7.36	1.54	1.54	1.53
3	13.98	13.97	7.05	1.53	1.53	1.53
3	13.18	13.17	6.73	1.53	1.53	1.52
3	12.38	12.37	6.41	1.52	1.52	1.52
3	11.59	11.58	6.10	1.52	1.52	1.52
3	10.79	10.78	5.78	1.52	1.52	1.51
3	10.00	9.99	5.47	1.51	1.51	1.51

4	10.00	9.99	5.47	0.85	0.85	0.85
4	8.99	8.98	4.92	0.84	0.84	0.84
4	7.98	7.97	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.83	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.85	202.25	11.03	191.22	160.00	31.21
1	29.66	214.62	11.44	203.18	171.95	31.22
1	29.47	226.97	11.86	215.11	183.88	31.23
1	29.27	239.29	12.27	227.02	195.78	31.24
1	29.08	251.60	12.69	238.91	207.66	31.25
1	28.89	263.87	13.11	250.77	219.51	31.25
1	28.70	276.13	13.53	262.60	231.34	31.26
1	28.52	288.35	13.95	274.41	243.15	31.26
1	28.33	300.56	14.37	286.19	254.93	31.26
1	28.14	312.74	14.79	297.95	266.69	31.27
1	27.95	324.89	15.21	309.69	278.42	31.27
1	27.95	324.89	15.21	309.69	278.42	31.27
2	26.63	448.01	52.02	396.00	360.81	35.19

2	25.33	569.67	85.91	483.76	441.73	42.03
2	24.06	689.93	126.42	563.50	521.26	42.24
2	22.80	808.97	168.37	640.61	599.58	41.03
2	21.57	926.83	212.40	714.43	676.70	37.73
2	20.35	1043.41	258.48	784.93	752.55	32.38
2	19.16	1158.67	302.64	856.03	827.09	28.94
2	17.98	1272.59	346.54	926.05	900.28	25.77
2	17.98	1272.59	346.54	926.05	900.28	25.77
3	17.18	1353.84	379.67	974.17	950.62	23.55
3	16.37	1434.97	409.71	1025.25	1000.84	24.41
3	15.57	1515.98	437.30	1078.69	1050.95	27.74
3	14.77	1596.89	462.82	1134.07	1100.95	33.13
3	13.97	1677.70	486.56	1191.14	1150.85	40.29
3	13.17	1758.42	515.51	1242.91	1200.66	42.24
3	12.37	1839.06	546.42	1292.64	1250.40	42.24
3	11.58	1919.62	577.33	1342.30	1300.05	42.24
3	10.78	2000.12	609.20	1390.91	1349.64	41.27
3	9.99	2080.53	642.85	1437.68	1399.15	38.53
3	9.99	2080.53	642.85	1437.68	1399.15	38.53
4	8.98	2194.00	711.79	1482.21	1462.12	20.09
4	7.97	2307.30	770.24	1537.06	1524.93	12.13
4	6.97	2420.45	822.79	1597.66	1587.58	10.08
4	5.97	2533.46	871.74	1661.72	1650.09	11.63
4	4.97	2646.34	918.35	1727.99	1712.47	15.51
4	3.97	2759.09	963.38	1795.71	1774.73	20.98
4	2.98	2871.73	1007.56	1864.17	1836.87	27.30
4	1.98	2984.24	1052.77	1931.47	1898.88	32.58

4	0.99	3096.63	1100.37	1996.25	1960.77	35.48
4	0.00	3208.88	1150.39	2058.48	2022.53	35.95

Time = 180. Degree of Consolidation = 23.%

Total Settlement = 0.142

Settlement at End of Primary Consolidation = 0.604

Settlement caused by Primary Consolidation at time 180. =
0.142

Settlement caused by Secondary Compression at time 180. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	4.00	2.56	0.40	9.11	9.11	9.11
5	3.95	2.51	0.39	9.11	8.82	8.65
5	3.90	2.47	0.39	9.11	8.55	8.20
5	3.85	2.42	0.38	9.11	8.29	7.74
5	3.80	2.38	0.38	9.11	8.04	7.29
5	3.75	2.33	0.37	9.11	7.82	6.83
5	3.70	2.29	0.37	9.11	7.60	6.37
5	3.65	2.25	0.36	9.11	7.40	5.92
5	3.60	2.20	0.36	9.11	7.21	5.46
5	3.55	2.16	0.35	9.11	7.04	5.00
5	3.50	2.13	0.35	9.11	6.88	4.79
5	3.45	2.09	0.34	9.11	6.73	4.78
5	3.40	2.05	0.34	9.11	6.59	4.78

5	3.35	2.01	0.33	9.11	6.46	4.77
5	3.30	1.98	0.33	9.11	6.33	4.77
5	3.25	1.94	0.32	9.11	6.22	4.76
5	3.20	1.90	0.32	9.11	6.12	4.76
5	3.15	1.87	0.31	9.11	6.02	4.75
5	3.10	1.83	0.31	9.11	5.93	4.74
5	3.05	1.80	0.30	9.11	5.85	4.73
5	3.00	1.77	0.30	9.11	5.78	4.63
5	3.00	1.77	0.30	9.11	5.78	4.63
5	2.95	1.73	0.29	9.11	5.70	4.52
5	2.90	1.70	0.29	9.11	5.63	4.42
5	2.85	1.67	0.28	9.11	5.57	4.31
5	2.80	1.64	0.28	9.11	5.51	4.21
5	2.75	1.60	0.27	9.11	5.45	4.10
5	2.70	1.57	0.27	9.11	5.40	3.99
5	2.65	1.54	0.26	9.11	5.35	3.89
5	2.60	1.51	0.26	9.11	5.31	3.78
5	2.55	1.48	0.25	9.11	5.27	3.68
5	2.50	1.45	0.25	9.11	5.23	3.57
5	2.45	1.42	0.24	9.11	5.20	3.47
5	2.40	1.39	0.24	9.11	5.17	3.36
5	2.35	1.35	0.23	9.11	5.14	3.26
5	2.30	1.32	0.23	9.11	5.11	3.15
5	2.25	1.29	0.22	9.11	5.09	3.04
5	2.20	1.26	0.22	9.11	5.06	2.94
5	2.15	1.23	0.21	9.11	5.04	2.83
5	2.10	1.20	0.21	9.11	5.02	2.73

5	2.05	1.17	0.20	9.11	5.00	2.62
5	2.00	1.14	0.20	9.11	4.99	2.52
5	2.00	1.14	0.20	9.11	4.99	2.52
5	1.95	1.12	0.19	9.11	4.97	2.41
5	1.90	1.09	0.19	9.11	4.95	2.30
5	1.85	1.06	0.18	9.11	4.94	2.20
5	1.80	1.03	0.18	9.11	4.93	2.09
5	1.75	1.00	0.17	9.11	4.91	1.99
5	1.70	0.97	0.17	9.11	4.90	1.88
5	1.65	0.94	0.16	9.11	4.89	1.78
5	1.60	0.91	0.16	9.11	4.88	1.74
5	1.55	0.88	0.15	9.11	4.87	1.74
5	1.50	0.85	0.15	9.11	4.86	1.73
5	1.45	0.82	0.14	9.11	4.85	1.73
5	1.40	0.79	0.14	9.11	4.84	1.73
5	1.35	0.77	0.13	9.11	4.84	1.73
5	1.30	0.74	0.13	9.11	4.83	1.72
5	1.25	0.71	0.12	9.11	4.82	1.72
5	1.20	0.68	0.12	9.11	4.82	1.72
5	1.15	0.65	0.11	9.11	4.81	1.72
5	1.10	0.62	0.11	9.11	4.81	1.71
5	1.05	0.59	0.10	9.11	4.80	1.71
5	1.00	0.56	0.10	9.11	4.80	1.71
5	1.00	0.56	0.10	9.11	4.80	1.71
5	0.95	0.54	0.09	9.11	4.79	1.71
5	0.90	0.51	0.09	9.11	4.79	1.70
5	0.85	0.48	0.08	9.11	4.78	1.70

5	0.80	0.45	0.08	9.11	4.78	1.70
5	0.75	0.42	0.07	9.11	4.77	1.70
5	0.70	0.39	0.07	9.11	4.77	1.69
5	0.65	0.36	0.06	9.11	4.76	1.69
5	0.60	0.34	0.06	9.11	4.75	1.69
5	0.55	0.31	0.05	9.11	4.74	1.69
5	0.50	0.28	0.05	9.11	4.73	1.68
5	0.45	0.25	0.04	9.11	4.71	1.68
5	0.40	0.22	0.04	9.11	4.70	1.68
5	0.35	0.19	0.03	9.11	4.68	1.67
5	0.30	0.17	0.03	9.11	4.66	1.67
5	0.25	0.14	0.02	9.11	4.65	1.67
5	0.20	0.11	0.02	9.11	4.63	1.67
5	0.15	0.08	0.01	9.11	4.60	1.66
5	0.10	0.05	0.01	9.11	4.58	1.66
5	0.05	0.03	0.00	9.11	4.56	1.66
5	0.00	0.00	0.00	9.11	4.53	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.56	0.00	0.00	0.00	0.00	0.00
5	2.51	3.60	0.33	3.27	3.07	0.19
5	2.47	7.12	0.65	6.47	6.06	0.40
5	2.42	10.55	0.95	9.60	8.97	0.63
5	2.38	13.91	1.23	12.68	11.80	0.88
5	2.33	17.19	1.50	15.70	14.55	1.14
5	2.29	20.41	1.75	18.66	17.24	1.42

5	2.25	23.56	1.98	21.58	19.86	1.72
5	2.20	26.65	2.19	24.46	22.43	2.03
5	2.16	29.69	2.40	27.29	24.94	2.36
5	2.13	32.67	2.58	30.09	27.39	2.70
5	2.09	35.61	2.76	32.85	29.80	3.05
5	2.05	38.50	2.92	35.57	32.16	3.41
5	2.01	41.35	3.07	38.27	34.48	3.79
5	1.98	44.15	3.21	40.94	36.76	4.18
5	1.94	46.93	3.34	43.59	39.01	4.58
5	1.90	49.67	3.46	46.21	41.22	4.99
5	1.87	52.38	3.57	48.81	43.40	5.40
5	1.83	55.06	3.68	51.39	45.56	5.83
5	1.80	57.72	3.77	53.95	47.68	6.26
5	1.77	60.35	3.86	56.49	49.79	6.70
5	1.77	60.35	3.86	56.49	49.79	6.70
5	1.73	62.95	3.95	59.01	51.87	7.14
5	1.70	65.54	4.03	61.51	53.92	7.59
5	1.67	68.10	4.10	64.00	55.96	8.04
5	1.64	70.65	4.17	66.48	57.98	8.50
5	1.60	73.18	4.23	68.94	59.98	8.97
5	1.57	75.69	4.29	71.39	61.96	9.44
5	1.54	78.18	4.35	73.84	63.93	9.91
5	1.51	80.67	4.40	76.27	65.88	10.39
5	1.48	83.13	4.44	78.69	67.82	10.87
5	1.45	85.59	4.49	81.11	69.75	11.35
5	1.42	88.04	4.53	83.51	71.67	11.84
5	1.39	90.47	4.56	85.91	73.58	12.33

5	1.35	92.90	4.60	88.31	75.48	12.83
5	1.32	95.32	4.63	90.69	77.37	13.33
5	1.29	97.73	4.66	93.07	79.25	13.82
5	1.26	100.13	4.68	95.45	81.12	14.33
5	1.23	102.53	4.71	97.82	82.99	14.83
5	1.20	104.92	4.73	100.19	84.85	15.33
5	1.17	107.30	4.75	102.55	86.71	15.84
5	1.14	109.68	4.77	104.91	88.56	16.35
5	1.14	109.68	4.77	104.91	88.56	16.35
5	1.12	112.05	4.79	107.26	90.40	16.86
5	1.09	114.42	4.81	109.61	92.24	17.37
5	1.06	116.78	4.83	111.96	94.08	17.88
5	1.03	119.14	4.84	114.30	95.91	18.39
5	1.00	121.50	4.86	116.64	97.74	18.90
5	0.97	123.85	4.87	118.98	99.56	19.42
5	0.94	126.20	4.88	121.31	101.38	19.93
5	0.91	128.54	4.90	123.64	103.19	20.45
5	0.88	130.88	4.91	125.97	105.01	20.97
5	0.85	133.22	4.92	128.30	106.82	21.48
5	0.82	135.55	4.93	130.63	108.62	22.00
5	0.79	137.89	4.94	132.95	110.43	22.52
5	0.77	140.22	4.95	135.27	112.23	23.04
5	0.74	142.54	4.95	137.59	114.03	23.56
5	0.71	144.87	4.96	139.91	115.83	24.08
5	0.68	147.20	4.97	142.23	117.63	24.60
5	0.65	149.52	4.97	144.54	119.42	25.12
5	0.62	151.84	4.98	146.86	121.21	25.64

5	0.59	154.16	4.99	149.17	123.00	26.17
5	0.56	156.48	4.99	151.48	124.79	26.69
5	0.56	156.48	4.99	151.48	124.79	26.69
5	0.54	158.79	5.00	153.79	126.58	27.21
5	0.51	161.11	5.33	155.78	128.37	27.41
5	0.48	163.42	5.81	157.61	130.15	27.45
5	0.45	165.73	6.32	159.41	131.94	27.48
5	0.42	168.04	6.85	161.19	133.72	27.47
5	0.39	170.35	7.43	162.92	135.50	27.42
5	0.36	172.66	8.07	164.58	137.28	27.30
5	0.34	174.96	8.83	166.13	139.05	27.07
5	0.31	177.26	9.82	167.44	140.83	26.61
5	0.28	179.56	10.06	169.50	142.60	26.90
5	0.25	181.85	10.13	171.72	144.36	27.36
5	0.22	184.14	10.21	173.93	146.12	27.81
5	0.19	186.43	10.29	176.13	147.88	28.25
5	0.17	188.70	10.38	178.32	149.63	28.69
5	0.14	190.98	10.47	180.50	151.38	29.13
5	0.11	193.24	10.57	182.67	153.11	29.56
5	0.08	195.50	10.68	184.82	154.85	29.98
5	0.05	197.76	10.79	186.97	156.57	30.39
5	0.03	200.01	10.91	189.10	158.29	30.81
5	0.00	202.25	11.03	191.22	160.00	31.21

Time = 180. Degree of Consolidation = 62.%

Total Settlement = 1.436

Settlement at End of Primary Consolidation = 2.326

Settlement caused by Primary Consolidation at time 180. =
1.436

Settlement caused by Secondary Compression at time 180. =
0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.92

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.80	12.05	24.00	22.25	19.14
1	29.79	29.61	12.04	23.95	22.20	19.09
1	29.59	29.42	12.03	23.90	22.15	19.04
1	29.39	29.24	12.03	23.85	22.10	19.00
1	29.19	29.05	12.02	23.81	22.05	18.95
1	28.99	28.87	12.01	23.76	22.01	18.90
1	28.79	28.68	12.00	23.71	21.96	18.85
1	28.59	28.49	11.99	23.66	21.91	18.80
1	28.39	28.31	11.99	23.61	21.86	18.75
1	28.19	28.13	11.98	23.56	21.81	18.70
1	27.99	27.94	11.97	23.51	21.77	18.66
2	27.99	27.94	11.97	2.20	2.18	2.14
2	26.66	26.62	11.55	2.14	2.12	2.07
2	25.36	25.33	11.13	2.07	2.07	2.02
2	24.09	24.05	10.71	2.02	2.02	1.98
2	22.83	22.80	10.30	1.98	1.98	1.93

2	21.60	21.56	9.88	1.93	1.93	1.89
2	20.38	20.35	9.46	1.89	1.88	1.84
2	19.18	19.15	9.04	1.84	1.83	1.80
2	18.00	17.98	8.62	1.80	1.78	1.75
2	18.00	17.98	8.62	1.56	1.56	1.56
3	17.19	17.18	8.31	1.56	1.55	1.55
3	16.38	16.37	7.99	1.55	1.55	1.54
3	15.58	15.57	7.68	1.55	1.54	1.54
3	14.78	14.77	7.36	1.54	1.54	1.53
3	13.98	13.97	7.05	1.53	1.53	1.53
3	13.18	13.17	6.73	1.53	1.53	1.52
3	12.38	12.37	6.41	1.52	1.52	1.52
3	11.59	11.58	6.10	1.52	1.52	1.52
3	10.79	10.78	5.78	1.52	1.52	1.51
3	10.00	9.99	5.47	1.51	1.51	1.51
3	10.00	9.99	5.47	0.85	0.85	0.85
4	8.99	8.98	4.92	0.84	0.84	0.84
4	7.98	7.97	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.83	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.97	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

		***** Stresses *****		***** Pore Pressures *****		
	XI	Total	Effective	Total	Static	Excess
Material	29.80	195.35	15.26	180.09	153.11	26.98
1	29.61	207.48	15.67	191.81	164.81	26.99
1	29.42	219.58	16.09	203.50	176.50	27.00
1	29.24	231.66	16.50	215.16	188.15	27.01
1	29.05	243.72	16.92	226.80	199.79	27.02
1	28.87	255.75	17.33	238.42	211.39	27.03
1	28.68	267.76	17.75	250.01	222.98	27.03
1	28.49	279.75	18.17	261.57	234.54	27.03
1	28.31	291.70	18.59	273.11	246.08	27.04
1	28.13	303.64	19.01	284.63	257.59	27.04
1	27.94	315.55	19.43	296.12	269.07	27.04
1	27.94	315.55	19.43	296.12	269.07	27.04
2	26.62	438.54	54.26	384.28	351.33	32.95
2	25.33	560.13	86.81	473.32	432.19	41.12
2	24.05	680.38	126.42	553.95	511.71	42.24
2	22.80	799.41	169.21	630.20	590.02	40.18
2	21.56	917.23	214.16	703.07	667.10	35.97
2	20.35	1033.75	260.74	773.01	742.90	30.11
2	19.15	1148.94	305.00	843.94	817.36	26.58
2	17.98	1262.80	348.35	914.45	890.48	23.96
2	17.98	1262.80	348.35	914.45	890.48	23.96
3	17.18	1344.04	381.07	962.97	940.82	22.15
3	16.37	1425.16	410.77	1014.39	991.04	23.36
3	15.57	1506.17	438.04	1068.13	1041.14	26.99
3	14.77	1587.08	463.29	1123.79	1091.14	32.65
3						

3	13.97	1667.89	486.79	1181.10	1141.04	40.06
3	13.17	1748.61	515.51	1233.09	1190.85	42.24
3	12.37	1829.25	546.42	1282.83	1240.58	42.24
3	11.58	1909.81	577.33	1332.48	1290.24	42.24
3	10.78	1990.30	609.51	1380.79	1339.83	40.97
3	9.99	2070.72	643.49	1427.23	1389.33	37.89
4	9.99	2070.72	643.49	1427.23	1389.33	37.89
4	8.98	2184.18	714.64	1469.54	1452.30	17.24
4	7.97	2297.47	774.46	1523.01	1515.10	7.91
4	6.97	2410.61	827.75	1582.86	1577.74	5.12
4	5.97	2523.60	876.97	1646.63	1640.24	6.40
4	4.97	2636.47	923.53	1712.94	1702.60	10.34
4	3.97	2749.21	968.29	1780.92	1764.85	16.07
4	2.97	2861.83	1012.28	1849.55	1826.97	22.58
4	1.98	2974.33	1057.39	1916.94	1888.98	27.96
4	0.99	3086.70	1104.87	1981.84	1950.85	30.99
4	0.00	3198.94	1154.78	2044.16	2012.60	31.57

Time = 240. Degree of Consolidation = 32.%

Total Settlement = 0.190

Settlement at End of Primary Consolidation = 0.604

Settlement caused by Primary Consolidation at time 240. = 0.190

Settlement caused by Secondary Compression at time 240. = 0.000

*****Current Conditions in Dredged Fill*****

***** Coordinates *****

***** Void Ratios *****

	A	XI	Z	Einitial	E	Eeop
Material	4.00	2.45	0.40	9.11	9.11	9.11
5	3.95	2.40	0.39	9.11	8.80	8.65
5	3.90	2.36	0.39	9.11	8.51	8.20
5	3.85	2.31	0.38	9.11	8.23	7.74
5	3.80	2.27	0.38	9.11	7.97	7.29
5	3.75	2.22	0.37	9.11	7.73	6.83
5	3.70	2.18	0.37	9.11	7.50	6.37
5	3.65	2.14	0.36	9.11	7.29	5.92
5	3.60	2.10	0.36	9.11	7.09	5.46
5	3.55	2.06	0.35	9.11	6.91	5.00
5	3.50	2.02	0.35	9.11	6.74	4.79
5	3.45	1.98	0.34	9.11	6.58	4.78
5	3.40	1.94	0.34	9.11	6.43	4.78
5	3.35	1.91	0.33	9.11	6.30	4.77
5	3.30	1.87	0.33	9.11	6.17	4.77
5	3.25	1.84	0.32	9.11	6.06	4.76
5	3.20	1.80	0.32	9.11	5.95	4.76
5	3.15	1.77	0.31	9.11	5.86	4.75
5	3.10	1.73	0.31	9.11	5.77	4.74
5	3.05	1.70	0.30	9.11	5.68	4.73
5	3.00	1.67	0.30	9.11	5.61	4.63
5	3.00	1.67	0.30	9.11	5.61	4.63
5	2.95	1.64	0.29	9.11	5.53	4.52
5	2.90	1.60	0.29	9.11	5.47	4.42
5	2.85	1.57	0.28	9.11	5.40	4.31

5	2.80	1.54	0.28	9.11	5.35	4.21
5	2.75	1.51	0.27	9.11	5.29	4.10
5	2.70	1.48	0.27	9.11	5.25	3.99
5	2.65	1.45	0.26	9.11	5.20	3.89
5	2.60	1.42	0.26	9.11	5.16	3.78
5	2.55	1.39	0.25	9.11	5.12	3.68
5	2.50	1.36	0.25	9.11	5.09	3.57
5	2.45	1.33	0.24	9.11	5.06	3.47
5	2.40	1.30	0.24	9.11	5.03	3.36
5	2.35	1.27	0.23	9.11	5.01	3.26
5	2.30	1.24	0.23	9.11	4.98	3.15
5	2.25	1.21	0.22	9.11	4.96	3.04
5	2.20	1.18	0.22	9.11	4.94	2.94
5	2.15	1.15	0.21	9.11	4.92	2.83
5	2.10	1.12	0.21	9.11	4.90	2.73
5	2.05	1.09	0.20	9.11	4.89	2.62
5	2.00	1.06	0.20	9.11	4.87	2.52
5	2.00	1.06	0.20	9.11	4.87	2.52
5	1.95	1.03	0.19	9.11	4.86	2.41
5	1.90	1.00	0.19	9.11	4.85	2.30
5	1.85	0.97	0.18	9.11	4.83	2.20
5	1.80	0.94	0.18	9.11	4.82	2.09
5	1.75	0.92	0.17	9.11	4.81	1.99
5	1.70	0.89	0.17	9.11	4.80	1.88
5	1.65	0.86	0.16	9.11	4.79	1.78
5	1.60	0.83	0.16	9.11	4.78	1.74
5	1.55	0.80	0.15	9.11	4.76	1.74

5	1.50	0.77	0.15	9.11	4.75	1.73
5	1.45	0.74	0.14	9.11	4.72	1.73
5	1.40	0.72	0.14	9.11	4.68	1.73
5	1.35	0.69	0.13	9.11	4.65	1.73
5	1.30	0.66	0.13	9.11	4.61	1.72
5	1.25	0.63	0.12	9.11	4.58	1.72
5	1.20	0.61	0.12	9.11	4.54	1.72
5	1.15	0.58	0.11	9.11	4.50	1.72
5	1.10	0.55	0.11	9.11	4.47	1.71
5	1.05	0.52	0.10	9.11	4.43	1.71
5	1.00	0.50	0.10	9.11	4.39	1.71
5	1.00	0.50	0.10	9.11	4.39	1.71
5	0.95	0.47	0.09	9.11	4.35	1.71
5	0.90	0.44	0.09	9.11	4.31	1.70
5	0.85	0.42	0.08	9.11	4.28	1.70
5	0.80	0.39	0.08	9.11	4.24	1.70
5	0.75	0.37	0.07	9.11	4.20	1.70
5	0.70	0.34	0.07	9.11	4.16	1.69
5	0.65	0.32	0.06	9.11	4.13	1.69
5	0.60	0.29	0.06	9.11	4.09	1.69
5	0.55	0.27	0.05	9.11	4.06	1.69
5	0.50	0.24	0.05	9.11	4.02	1.68
5	0.45	0.22	0.04	9.11	3.99	1.68
5	0.40	0.19	0.04	9.11	3.96	1.68
5	0.35	0.17	0.03	9.11	3.92	1.67
5	0.30	0.14	0.03	9.11	3.89	1.67
5	0.25	0.12	0.02	9.11	3.86	1.67

5	0.20	0.09	0.02	9.11	3.82	1.67
5	0.15	0.07	0.01	9.11	3.79	1.66
5	0.10	0.05	0.01	9.11	3.76	1.66
5	0.05	0.02	0.00	9.11	3.72	1.66
5	0.00	0.00	0.00	9.11	3.69	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.45	0.00	0.00	0.00	0.00	0.00
5	2.40	3.60	0.36	3.24	3.07	0.17
5	2.36	7.11	0.70	6.41	6.05	0.36
5	2.31	10.53	1.02	9.51	8.94	0.57
5	2.27	13.86	1.32	12.55	11.75	0.80
5	2.22	17.12	1.60	15.52	14.48	1.04
5	2.18	20.31	1.86	18.45	17.14	1.31
5	2.14	23.43	2.11	21.32	19.73	1.59
5	2.10	26.48	2.34	24.14	22.26	1.89
5	2.06	29.48	2.55	26.93	24.72	2.20
5	2.02	32.42	2.75	29.67	27.14	2.53
5	1.98	35.31	2.93	32.38	29.50	2.88
5	1.94	38.15	3.10	35.05	31.82	3.24
5	1.91	40.95	3.26	37.70	34.09	3.61
5	1.87	43.71	3.40	40.31	36.32	3.99
5	1.84	46.44	3.53	42.90	38.52	4.39
5	1.80	49.13	3.65	45.47	40.68	4.79
5	1.77	51.79	3.77	48.02	42.81	5.21
5	1.73	54.41	3.87	50.55	44.91	5.63

5	1.70	57.02	3.96	53.05	46.99	6.07
5	1.67	59.60	4.05	55.55	49.04	6.51
5	1.67	59.60	4.05	55.55	49.04	6.51
5	1.64	62.15	4.14	58.02	51.07	6.95
5	1.60	64.69	4.22	60.47	53.07	7.40
5	1.57	67.20	4.29	62.91	55.06	7.85
5	1.54	69.70	4.36	65.34	57.02	8.32
5	1.51	72.17	4.42	67.76	58.97	8.78
5	1.48	74.64	4.47	70.16	60.91	9.26
5	1.45	77.09	4.52	72.56	62.83	9.73
5	1.42	79.52	4.57	74.95	64.74	10.21
5	1.39	81.94	4.61	77.33	66.63	10.70
5	1.36	84.36	4.65	79.70	68.52	11.19
5	1.33	86.76	4.69	82.07	70.39	11.68
5	1.30	89.15	4.72	84.43	72.26	12.18
5	1.27	91.54	4.75	86.79	74.11	12.67
5	1.24	93.92	4.78	89.14	75.96	13.17
5	1.21	96.29	4.80	91.48	77.81	13.68
5	1.18	98.65	4.83	93.82	79.64	14.18
5	1.15	101.01	4.85	96.16	81.47	14.69
5	1.12	103.36	4.87	98.49	83.30	15.20
5	1.09	105.71	4.89	100.82	85.12	15.71
5	1.06	108.05	4.90	103.15	86.93	16.22
5	1.06	108.05	4.90	103.15	86.93	16.22
5	1.03	110.39	4.92	105.47	88.74	16.73
5	1.00	112.72	4.94	107.79	90.55	17.24
5	0.97	115.05	4.95	110.10	92.35	17.75

5	0.94	117.38	4.96	112.42	94.15	18.27
5	0.92	119.70	4.98	114.73	95.94	18.78
5	0.89	122.02	4.99	117.03	97.73	19.30
5	0.86	124.34	5.22	119.12	99.52	19.59
5	0.83	126.65	6.33	120.32	101.31	19.02
5	0.80	128.96	7.65	121.31	103.09	18.22
5	0.77	131.26	9.48	121.79	104.86	16.92
5	0.74	133.56	10.12	123.44	106.63	16.81
5	0.72	135.85	10.28	125.56	108.39	17.17
5	0.69	138.12	10.46	127.67	110.14	17.53
5	0.66	140.39	10.63	129.76	111.88	17.88
5	0.63	142.65	10.81	131.84	113.60	18.23
5	0.61	144.89	10.99	133.90	115.32	18.58
5	0.58	147.12	11.18	135.94	117.02	18.92
5	0.55	149.34	11.37	137.97	118.72	19.26
5	0.52	151.55	11.56	139.99	120.40	19.59
5	0.50	153.75	11.75	142.00	122.07	19.93
5	0.50	153.75	11.75	142.00	122.07	19.93
5	0.47	155.93	11.94	143.99	123.72	20.27
5	0.44	158.11	12.13	145.97	125.37	20.60
5	0.42	160.27	12.32	147.95	127.00	20.94
5	0.39	162.42	12.51	149.91	128.63	21.28
5	0.37	164.56	12.70	151.86	130.24	21.63
5	0.34	166.69	12.88	153.81	131.84	21.97
5	0.32	168.80	13.06	155.74	133.42	22.32
5	0.29	170.91	13.23	157.67	135.00	22.67
5	0.27	173.00	13.41	159.59	136.57	23.03

5	0.24	175.09	13.58	161.50	138.12	23.38
5	0.22	177.16	13.75	163.41	139.67	23.74
5	0.19	179.22	13.92	165.30	141.20	24.10
5	0.17	181.27	14.09	167.19	142.73	24.46
5	0.14	183.32	14.25	169.06	144.24	24.82
5	0.12	185.35	14.42	170.93	145.75	25.18
5	0.09	187.37	14.59	172.78	147.24	25.54
5	0.07	189.38	14.75	174.63	148.72	25.90
5	0.05	191.38	14.92	176.46	150.19	26.27
5	0.02	193.37	15.09	178.28	151.66	26.63
5	0.00	195.35	15.26	180.09	153.11	26.98

Time = 240. Degree of Consolidation = 66.%

Total Settlement = 1.546

Settlement at End of Primary Consolidation = 2.326

Settlement caused by Primary Consolidation at time 240. = 1.546

Settlement caused by Secondary Compression at time 240. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.76

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****			***** Void Ratios *****			
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.71	12.05	24.00	21.32	19.14
1	29.79	29.53	12.04	23.95	21.28	19.09

1	29.59	29.35	12.03	23.90	21.23	19.04
1	29.39	29.17	12.03	23.85	21.18	19.00
1	29.19	28.99	12.02	23.81	21.13	18.95
1	28.99	28.81	12.01	23.76	21.09	18.90
1	28.79	28.63	12.00	23.71	21.04	18.85
1	28.59	28.46	11.99	23.66	20.99	18.80
1	28.39	28.28	11.99	23.61	20.94	18.75
1	28.19	28.10	11.98	23.56	20.89	18.70
1	27.99	27.92	11.97	23.51	20.84	18.66
2	27.99	27.92	11.97	2.20	2.17	2.14
2	26.66	26.61	11.55	2.14	2.12	2.07
2	25.36	25.32	11.13	2.07	2.07	2.02
2	24.09	24.04	10.71	2.02	2.02	1.98
2	22.83	22.79	10.30	1.98	1.97	1.93
2	21.60	21.55	9.88	1.93	1.93	1.89
2	20.38	20.34	9.46	1.89	1.87	1.84
2	19.18	19.15	9.04	1.84	1.82	1.80
2	18.00	17.98	8.62	1.80	1.77	1.75
3	18.00	17.98	8.62	1.56	1.56	1.56
3	17.19	17.17	8.31	1.56	1.55	1.55
3	16.38	16.37	7.99	1.55	1.55	1.54
3	15.58	15.57	7.68	1.55	1.54	1.54
3	14.78	14.76	7.36	1.54	1.54	1.53
3	13.98	13.96	7.05	1.53	1.53	1.53
3	13.18	13.17	6.73	1.53	1.53	1.52
3	12.38	12.37	6.41	1.52	1.52	1.52
3	11.59	11.57	6.10	1.52	1.52	1.52

3	10.79	10.78	5.78	1.52	1.52	1.51
3	10.00	9.99	5.47	1.51	1.51	1.51
4	10.00	9.99	5.47	0.85	0.85	0.85
4	8.99	8.98	4.92	0.84	0.84	0.84
4	7.98	7.97	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.83	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.97	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.81	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.71	177.87	23.27	154.60	135.63	18.97
1	29.53	189.54	23.68	165.85	146.87	18.98
1	29.35	201.18	24.10	177.08	158.09	18.99
1	29.17	212.79	24.51	188.28	169.28	19.00
1	28.99	224.38	24.93	199.46	180.45	19.01
1	28.81	235.95	25.34	210.61	191.59	19.02
1	28.63	247.50	25.76	221.74	202.71	19.02
1	28.46	259.02	26.18	232.84	213.81	19.03
1	28.28	270.51	26.60	243.91	224.88	19.03
1	28.10	281.98	27.02	254.96	235.93	19.03
1	27.92	293.43	27.44	265.99	246.95	19.04

2	27.92	293.43	27.44	265.99	246.95	19.04
2	26.61	416.15	59.24	356.91	328.95	27.96
2	25.32	537.58	89.18	448.41	409.65	38.76
2	24.04	657.80	126.79	531.01	489.13	41.88
2	22.79	776.81	170.68	606.12	567.41	38.71
2	21.55	894.56	216.99	677.58	644.44	33.14
2	20.34	1011.00	264.18	746.81	720.14	26.67
2	19.15	1126.08	308.43	817.65	794.49	23.15
2	17.98	1239.84	350.96	888.89	867.53	21.36
2	17.98	1239.84	350.96	888.89	867.53	21.36
3	17.17	1321.08	383.08	937.99	917.85	20.14
3	16.37	1402.19	412.27	989.92	968.06	21.85
3	15.57	1483.19	439.10	1044.09	1018.16	25.93
3	14.76	1564.10	463.95	1100.14	1068.15	31.99
3	13.96	1644.91	487.10	1157.80	1118.06	39.74
3	13.17	1725.62	515.51	1210.11	1167.87	42.24
3	12.37	1806.26	546.42	1259.84	1217.60	42.24
3	11.57	1886.83	577.42	1309.41	1267.26	42.15
3	10.78	1967.32	609.98	1357.34	1316.84	40.50
3	9.99	2047.73	644.37	1403.36	1366.35	37.01
3	9.99	2047.73	644.37	1403.36	1366.35	37.01
4	8.98	2161.19	718.21	1442.98	1429.31	13.67
4	7.97	2274.47	779.42	1495.04	1492.09	2.95
4	6.97	2387.59	832.87	1554.72	1554.72	0.00
4	5.97	2500.57	883.37	1617.20	1617.20	0.00
4	4.97	2613.42	931.27	1682.14	1679.55	2.59
4	3.97	2726.14	976.48	1749.65	1741.77	7.88

4	2.97	2838.73	1020.77	1817.96	1803.87	14.09
4	1.98	2951.21	1066.17	1885.04	1865.85	19.18
4	0.99	3063.56	1113.72	1949.84	1927.71	22.13
4	0.00	3175.77	1163.54	2012.24	1989.43	22.81

Time = 365. Degree of Consolidation = 47.%

Total Settlement = 0.282

Settlement at End of Primary Consolidation = 0.604

Settlement caused by Primary Consolidation at time 365. = 0.282

Settlement caused by Secondary Compression at time 365. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	4.00	2.17	0.40	9.11	9.11	9.11
5	3.95	2.12	0.39	9.11	8.79	8.65
5	3.90	2.08	0.39	9.11	8.48	8.20
5	3.85	2.03	0.38	9.11	8.19	7.74
5	3.80	1.99	0.38	9.11	7.92	7.29
5	3.75	1.94	0.37	9.11	7.66	6.83
5	3.70	1.90	0.37	9.11	7.43	6.37
5	3.65	1.86	0.36	9.11	7.20	5.92
5	3.60	1.82	0.36	9.11	7.00	5.46
5	3.55	1.78	0.35	9.11	6.81	5.00
5	3.50	1.74	0.35	9.11	6.63	4.79

5	3.45	1.70	0.34	9.11	6.47	4.78
5	3.40	1.67	0.34	9.11	6.31	4.78
5	3.35	1.63	0.33	9.11	6.17	4.77
5	3.30	1.60	0.33	9.11	6.05	4.77
5	3.25	1.56	0.32	9.11	5.93	4.76
5	3.20	1.53	0.32	9.11	5.82	4.76
5	3.15	1.49	0.31	9.11	5.72	4.75
5	3.10	1.46	0.31	9.11	5.63	4.74
5	3.05	1.43	0.30	9.11	5.55	4.73
5	3.00	1.40	0.30	9.11	5.47	4.63
5	3.00	1.40	0.30	9.11	5.47	4.63
5	2.95	1.37	0.29	9.11	5.40	4.52
5	2.90	1.33	0.29	9.11	5.33	4.42
5	2.85	1.30	0.28	9.11	5.27	4.31
5	2.80	1.27	0.28	9.11	5.21	4.21
5	2.75	1.24	0.27	9.11	5.16	4.10
5	2.70	1.21	0.27	9.11	5.11	3.99
5	2.65	1.18	0.26	9.11	5.07	3.89
5	2.60	1.15	0.26	9.11	5.03	3.78
5	2.55	1.12	0.25	9.11	4.99	3.68
5	2.50	1.09	0.25	9.11	4.96	3.57
5	2.45	1.06	0.24	9.11	4.93	3.47
5	2.40	1.03	0.24	9.11	4.90	3.36
5	2.35	1.00	0.23	9.11	4.88	3.26
5	2.30	0.97	0.23	9.11	4.86	3.15
5	2.25	0.95	0.22	9.11	4.84	3.04
5	2.20	0.92	0.22	9.11	4.82	2.94

5	2.15	0.89	0.21	9.11	4.80	2.83
5	2.10	0.86	0.21	9.11	4.79	2.73
5	2.05	0.83	0.20	9.11	4.77	2.62
5	2.00	0.80	0.20	9.11	4.75	2.52
5	2.00	0.80	0.20	9.11	4.75	2.52
5	1.95	0.77	0.19	9.11	4.52	2.41
5	1.90	0.75	0.19	9.11	4.31	2.30
5	1.85	0.72	0.18	9.11	4.14	2.20
5	1.80	0.70	0.18	9.11	4.01	2.09
5	1.75	0.67	0.17	9.11	3.89	1.99
5	1.70	0.65	0.17	9.11	3.79	1.88
5	1.65	0.63	0.16	9.11	3.70	1.78
5	1.60	0.60	0.16	9.11	3.62	1.74
5	1.55	0.58	0.15	9.11	3.54	1.74
5	1.50	0.56	0.15	9.11	3.47	1.73
5	1.45	0.54	0.14	9.11	3.41	1.73
5	1.40	0.51	0.14	9.11	3.35	1.73
5	1.35	0.49	0.13	9.11	3.30	1.73
5	1.30	0.47	0.13	9.11	3.24	1.72
5	1.25	0.45	0.12	9.11	3.19	1.72
5	1.20	0.43	0.12	9.11	3.14	1.72
5	1.15	0.41	0.11	9.11	3.10	1.72
5	1.10	0.39	0.11	9.11	3.05	1.71
5	1.05	0.37	0.10	9.11	3.01	1.71
5	1.00	0.35	0.10	9.11	2.96	1.71
5	1.00	0.35	0.10	9.11	2.96	1.71
5	0.95	0.33	0.09	9.11	2.92	1.71

5	0.90	0.31	0.09	9.11	2.88	1.70
5	0.85	0.29	0.08	9.11	2.83	1.70
5	0.80	0.27	0.08	9.11	2.79	1.70
5	0.75	0.25	0.07	9.11	2.75	1.70
5	0.70	0.24	0.07	9.11	2.71	1.69
5	0.65	0.22	0.06	9.11	2.66	1.69
5	0.60	0.20	0.06	9.11	2.62	1.69
5	0.55	0.18	0.05	9.11	2.58	1.69
5	0.50	0.16	0.05	9.11	2.54	1.68
5	0.45	0.15	0.04	9.11	2.49	1.68
5	0.40	0.13	0.04	9.11	2.45	1.68
5	0.35	0.11	0.03	9.11	2.41	1.67
5	0.30	0.10	0.03	9.11	2.36	1.67
5	0.25	0.08	0.02	9.11	2.32	1.67
5	0.20	0.06	0.02	9.11	2.27	1.67
5	0.15	0.05	0.01	9.11	2.23	1.66
5	0.10	0.03	0.01	9.11	2.18	1.66
5	0.05	0.02	0.00	9.11	2.13	1.66
5	0.00	0.00	0.00	9.11	2.09	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.17	0.00	0.00	0.00	0.00	0.00
5	2.12	3.60	0.38	3.22	3.07	0.15
5	2.08	7.10	0.73	6.37	6.04	0.33
5	2.03	10.51	1.07	9.44	8.92	0.52
5	1.99	13.83	1.38	12.45	11.72	0.73

5	1.94	17.07	1.67	15.39	14.43	0.97
5	1.90	20.23	1.95	18.28	17.06	1.22
5	1.86	23.33	2.21	21.12	19.63	1.49
5	1.82	26.35	2.45	23.91	22.13	1.78
5	1.78	29.32	2.67	26.65	24.57	2.09
5	1.74	32.23	2.87	29.36	26.95	2.41
5	1.70	35.09	3.06	32.02	29.28	2.75
5	1.67	37.89	3.24	34.66	31.56	3.10
5	1.63	40.66	3.40	37.26	33.79	3.47
5	1.60	43.38	3.55	39.83	35.99	3.85
5	1.56	46.06	3.68	42.38	38.14	4.24
5	1.53	48.71	3.81	44.91	40.26	4.64
5	1.49	51.33	3.92	47.41	42.35	5.06
5	1.46	53.92	4.03	49.89	44.41	5.48
5	1.43	56.48	4.12	52.36	46.45	5.91
5	1.40	59.02	4.21	54.81	48.46	6.35
5	1.40	59.02	4.21	54.81	48.46	6.35
5	1.37	61.53	4.30	57.24	50.44	6.79
5	1.33	64.02	4.38	59.65	52.41	7.24
5	1.30	66.49	4.45	62.05	54.35	7.70
5	1.27	68.95	4.52	64.43	56.27	8.16
5	1.24	71.38	4.58	66.81	58.18	8.62
5	1.21	73.80	4.63	69.17	60.08	9.10
5	1.18	76.21	4.68	71.53	61.95	9.58
5	1.15	78.60	4.73	73.88	63.82	10.06
5	1.12	80.99	4.77	76.22	65.67	10.55
5	1.09	83.36	4.81	78.55	67.52	11.04

5	1.06	85.72	4.84	80.88	69.35	11.53
5	1.03	88.07	4.87	83.20	71.18	12.03
5	1.00	90.42	4.90	85.52	72.99	12.53
5	0.97	92.76	4.92	87.83	74.81	13.03
5	0.95	95.09	4.95	90.14	76.61	13.53
5	0.92	97.42	4.97	92.45	78.41	14.04
5	0.89	99.74	4.99	94.75	80.20	14.55
5	0.86	102.05	5.39	96.66	81.99	14.67
5	0.83	104.36	7.00	97.36	83.77	13.59
5	0.80	106.67	9.05	97.62	85.55	12.07
5	0.80	106.67	9.05	97.62	85.55	12.07
5	0.77	108.94	11.10	97.84	87.29	10.55
5	0.75	111.14	12.15	98.99	88.96	10.03
5	0.72	113.28	12.98	100.30	90.57	9.73
5	0.70	115.37	13.67	101.70	92.14	9.57
5	0.67	117.42	14.25	103.17	93.66	9.51
5	0.65	119.45	14.76	104.69	95.16	9.53
5	0.63	121.44	15.21	106.23	96.62	9.61
5	0.60	123.40	15.62	107.79	98.06	9.73
5	0.58	125.34	15.99	109.36	99.47	9.89
5	0.56	127.26	16.33	110.94	100.86	10.07
5	0.54	129.16	16.64	112.52	102.23	10.29
5	0.51	131.04	16.94	114.10	103.58	10.52
5	0.49	132.90	17.22	115.69	104.92	10.77
5	0.47	134.75	17.48	117.27	106.24	11.03
5	0.45	136.58	17.74	118.84	107.54	11.31
5	0.43	138.39	17.98	120.41	108.82	11.59

5	0.41	140.19	18.22	121.98	110.10	11.88
5	0.39	141.98	18.44	123.53	111.35	12.18
5	0.37	143.75	18.67	125.08	112.60	12.49
5	0.35	145.51	18.89	126.62	113.83	12.79
5	0.35	145.51	18.89	126.62	113.83	12.79
5	0.33	147.25	19.11	128.15	115.04	13.10
5	0.31	148.98	19.32	129.66	116.25	13.42
5	0.29	150.70	19.54	131.16	117.43	13.73
5	0.27	152.40	19.75	132.66	118.61	14.05
5	0.25	154.10	19.96	134.14	119.77	14.36
5	0.24	155.77	20.17	135.60	120.92	14.68
5	0.22	157.44	20.38	137.06	122.06	15.00
5	0.20	159.09	20.59	138.50	123.19	15.32
5	0.18	160.73	20.80	139.93	124.30	15.63
5	0.16	162.36	21.01	141.34	125.40	15.95
5	0.15	163.97	21.23	142.74	126.48	16.26
5	0.13	165.57	21.44	144.13	127.55	16.57
5	0.11	167.16	21.66	145.49	128.61	16.88
5	0.10	168.73	21.88	146.85	129.66	17.19
5	0.08	170.29	22.11	148.18	130.69	17.50
5	0.06	171.83	22.33	149.50	131.70	17.80
5	0.05	173.36	22.56	150.80	132.71	18.10
5	0.03	174.88	22.79	152.09	133.70	18.39
5	0.02	176.38	23.03	153.35	134.67	18.68
5	0.00	177.87	23.27	154.60	135.63	18.97

Time = 365. Degree of Consolidation = 79.%

Total Settlement = 1.826

Settlement at End of Primary Consolidation = 2.326
 Settlement caused by Primary Consolidation at time 365. = 1.826
 Settlement caused by Secondary Compression at time 365. = 0.000
 Settlement Due to Desiccation = 0.000
 Surface Elevation = 1.39

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.66	12.05	24.00	21.09	19.14
1	29.79	29.48	12.04	23.95	21.04	19.09
1	29.59	29.31	12.03	23.90	20.99	19.04
1	29.39	29.13	12.03	23.85	20.94	19.00
1	29.19	28.95	12.02	23.81	20.89	18.95
1	28.99	28.78	12.01	23.76	20.84	18.90
1	28.79	28.60	12.00	23.71	20.80	18.85
1	28.59	28.42	11.99	23.66	20.75	18.80
1	28.39	28.25	11.99	23.61	20.70	18.75
1	28.19	28.07	11.98	23.56	20.65	18.70
1	27.99	27.90	11.97	23.51	20.60	18.66
2	27.99	27.90	11.97	2.20	2.16	2.14
2	26.66	26.59	11.55	2.14	2.11	2.07
2	25.36	25.30	11.13	2.07	2.06	2.02
2	24.09	24.03	10.71	2.02	2.01	1.98

2	22.83	22.77	10.30	1.98	1.97	1.93
2	21.60	21.54	9.88	1.93	1.92	1.89
2	20.38	20.33	9.46	1.89	1.87	1.84
2	19.18	19.14	9.04	1.84	1.82	1.80
2	18.00	17.98	8.62	1.80	1.77	1.75
3	18.00	17.98	8.62	1.56	1.56	1.56
3	17.19	17.17	8.31	1.56	1.55	1.55
3	16.38	16.37	7.99	1.55	1.55	1.54
3	15.58	15.56	7.68	1.55	1.54	1.54
3	14.78	14.76	7.36	1.54	1.54	1.53
3	13.98	13.96	7.05	1.53	1.53	1.53
3	13.18	13.16	6.73	1.53	1.53	1.52
3	12.38	12.37	6.41	1.52	1.52	1.52
3	11.59	11.57	6.10	1.52	1.52	1.52
3	10.79	10.78	5.78	1.52	1.52	1.51
3	10.00	9.98	5.47	1.51	1.51	1.51
4	10.00	9.98	5.47	0.85	0.85	0.85
4	8.99	8.97	4.92	0.84	0.84	0.84
4	7.98	7.97	4.37	0.84	0.84	0.84
4	6.98	6.96	3.83	0.84	0.83	0.83
4	5.97	5.96	3.28	0.83	0.83	0.83
4	4.97	4.96	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.97	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.81	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

		***** Stresses *****		***** Pore Pressures *****		
Material	XI	Total	Effective	Total	Static	Excess
1	29.66	173.06	25.33	147.73	130.82	16.91
1	29.48	184.60	25.75	158.85	141.94	16.91
1	29.31	196.12	26.17	169.95	153.03	16.92
1	29.13	207.62	26.59	181.02	164.11	16.92
1	28.95	219.09	27.01	192.07	175.15	16.92
1	28.78	230.54	27.44	203.10	186.18	16.92
1	28.60	241.96	27.86	214.10	197.18	16.92
1	28.42	253.36	28.28	225.08	208.15	16.93
1	28.25	264.73	28.70	236.03	219.10	16.93
1	28.07	276.08	29.12	246.96	230.03	16.93
1	27.90	287.40	29.54	257.86	240.93	16.93
2	27.90	287.40	29.54	257.86	240.93	16.93
2	26.59	409.98	63.53	346.45	322.78	23.67
2	25.30	531.23	93.77	437.46	403.29	34.17
2	24.03	651.25	133.60	517.65	482.58	35.07
2	22.77	770.07	177.81	592.26	560.67	31.59
2	21.54	887.62	224.47	663.15	637.50	25.65
2	20.33	1003.84	270.89	732.96	712.99	19.97
2	19.14	1118.74	314.16	804.58	787.15	17.43
2	17.98	1232.35	355.19	877.16	860.03	17.12
2	17.98	1232.35	355.19	877.16	860.03	17.12
3	17.17	1313.57	386.30	927.27	910.35	16.92
3	16.37	1394.67	414.65	980.02	960.54	19.48
3	15.56	1475.67	440.77	1034.90	1010.63	24.27

3	14.76	1556.56	465.00	1091.57	1060.62	30.95
3	13.96	1637.37	487.60	1149.77	1110.52	39.25
3	13.16	1718.09	515.51	1202.57	1160.33	42.24
3	12.37	1798.72	546.42	1252.30	1210.06	42.24
3	11.57	1879.29	577.45	1301.84	1259.72	42.12
3	10.78	1959.78	610.03	1349.75	1309.31	40.44
3	9.98	2040.19	644.45	1395.74	1358.81	36.93
4	9.98	2040.19	644.45	1395.74	1358.81	36.93
4	8.97	2153.65	718.43	1435.23	1421.77	13.45
4	7.97	2266.93	779.58	1487.35	1484.55	2.80
4	6.96	2380.05	832.87	1547.18	1547.18	0.00
4	5.96	2493.03	883.37	1609.66	1609.66	0.00
4	4.96	2605.87	933.87	1672.01	1672.01	0.00
4	3.97	2718.58	982.05	1736.53	1734.22	2.31
4	2.97	2831.16	1028.77	1802.39	1796.30	6.09
4	1.98	2943.61	1076.09	1867.52	1858.26	9.27
4	0.99	3055.93	1124.75	1931.18	1920.08	11.10
4	0.00	3168.12	1174.80	1993.32	1981.77	11.55

Time = 730. Degree of Consolidation = 54.%

Total Settlement = 0.327

Settlement at End of Primary Consolidation = 0.604

Settlement caused by Primary Consolidation at time 730. = 0.327

Settlement caused by Secondary Compression at time 730. = 0.000

*****Current Conditions in Dredged Fill*****

***** Coordinates *****

***** Void Ratios *****

	A	XI	Z	Einitial	E	Eeop
Material	4.00	2.10	0.40	9.11	9.11	9.11
5	3.95	2.05	0.39	9.11	8.79	8.65
5	3.90	2.00	0.39	9.11	8.48	8.20
5	3.85	1.95	0.38	9.11	8.19	7.74
5	3.80	1.91	0.38	9.11	7.92	7.29
5	3.75	1.87	0.37	9.11	7.66	6.83
5	3.70	1.82	0.37	9.11	7.42	6.37
5	3.65	1.78	0.36	9.11	7.20	5.92
5	3.60	1.74	0.36	9.11	7.00	5.46
5	3.55	1.70	0.35	9.11	6.80	5.00
5	3.50	1.66	0.35	9.11	6.63	4.79
5	3.45	1.63	0.34	9.11	6.46	4.78
5	3.40	1.59	0.34	9.11	6.31	4.78
5	3.35	1.55	0.33	9.11	6.17	4.77
5	3.30	1.52	0.33	9.11	6.04	4.77
5	3.25	1.49	0.32	9.11	5.93	4.76
5	3.20	1.45	0.32	9.11	5.82	4.76
5	3.15	1.42	0.31	9.11	5.72	4.75
5	3.10	1.38	0.31	9.11	5.63	4.74
5	3.05	1.35	0.30	9.11	5.55	4.73
5	3.00	1.32	0.30	9.11	5.47	4.63
5	3.00	1.32	0.30	9.11	5.47	4.63
5	2.95	1.29	0.29	9.11	5.40	4.52
5	2.90	1.26	0.29	9.11	5.33	4.42

5	2.85	1.23	0.28	9.11	5.26	4.31
5	2.80	1.19	0.28	9.11	5.21	4.21
5	2.75	1.16	0.27	9.11	5.15	4.10
5	2.70	1.13	0.27	9.11	5.11	3.99
5	2.65	1.10	0.26	9.11	5.06	3.89
5	2.60	1.07	0.26	9.11	5.02	3.78
5	2.55	1.04	0.25	9.11	4.99	3.68
5	2.50	1.01	0.25	9.11	4.96	3.57
5	2.45	0.99	0.24	9.11	4.93	3.47
5	2.40	0.96	0.24	9.11	4.90	3.36
5	2.35	0.93	0.23	9.11	4.88	3.26
5	2.30	0.90	0.23	9.11	4.85	3.15
5	2.25	0.87	0.22	9.11	4.83	3.04
5	2.20	0.84	0.22	9.11	4.82	2.94
5	2.15	0.81	0.21	9.11	4.80	2.83
5	2.10	0.78	0.21	9.11	4.78	2.73
5	2.05	0.75	0.20	9.11	4.77	2.62
5	2.00	0.73	0.20	9.11	4.75	2.52
5	2.00	0.73	0.20	9.11	4.75	2.52
5	1.95	0.70	0.19	9.11	4.43	2.41
5	1.90	0.67	0.19	9.11	4.16	2.30
5	1.85	0.65	0.18	9.11	3.96	2.20
5	1.80	0.62	0.18	9.11	3.78	2.09
5	1.75	0.60	0.17	9.11	3.64	1.99
5	1.70	0.58	0.17	9.11	3.51	1.88
5	1.65	0.56	0.16	9.11	3.39	1.78
5	1.60	0.53	0.16	9.11	3.29	1.74

5	1.55	0.51	0.15	9.11	3.19	1.74
5	1.50	0.49	0.15	9.11	3.11	1.73
5	1.45	0.47	0.14	9.11	3.03	1.73
5	1.40	0.45	0.14	9.11	2.96	1.73
5	1.35	0.43	0.13	9.11	2.89	1.73
5	1.30	0.41	0.13	9.11	2.82	1.72
5	1.25	0.40	0.12	9.11	2.76	1.72
5	1.20	0.38	0.12	9.11	2.70	1.72
5	1.15	0.36	0.11	9.11	2.65	1.72
5	1.10	0.34	0.11	9.11	2.59	1.71
5	1.05	0.32	0.10	9.11	2.54	1.71
5	1.00	0.31	0.10	9.11	2.50	1.71
5	1.00	0.31	0.10	9.11	2.50	1.71
5	0.95	0.29	0.09	9.11	2.45	1.71
5	0.90	0.27	0.09	9.11	2.40	1.70
5	0.85	0.25	0.08	9.11	2.36	1.70
5	0.80	0.24	0.08	9.11	2.31	1.70
5	0.75	0.22	0.07	9.11	2.27	1.70
5	0.70	0.21	0.07	9.11	2.23	1.69
5	0.65	0.19	0.06	9.11	2.19	1.69
5	0.60	0.17	0.06	9.11	2.15	1.69
5	0.55	0.16	0.05	9.11	2.11	1.69
5	0.50	0.14	0.05	9.11	2.07	1.68
5	0.45	0.13	0.04	9.11	2.04	1.68
5	0.40	0.11	0.04	9.11	2.00	1.68
5	0.35	0.10	0.03	9.11	1.97	1.67
5	0.30	0.08	0.03	9.11	1.93	1.67

5	0.25	0.07	0.02	9.11	1.90	1.67
5	0.20	0.06	0.02	9.11	1.87	1.67
5	0.15	0.04	0.01	9.11	1.83	1.66
5	0.10	0.03	0.01	9.11	1.80	1.66
5	0.05	0.01	0.00	9.11	1.77	1.66
5	0.00	0.00	0.00	9.11	1.74	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.10	0.00	0.00	0.00	0.00	0.00
5	2.05	3.60	0.38	3.22	3.07	0.15
5	2.00	7.10	0.73	6.37	6.04	0.32
5	1.95	10.51	1.07	9.44	8.92	0.52
5	1.91	13.83	1.38	12.45	11.71	0.73
5	1.87	17.07	1.68	15.39	14.43	0.96
5	1.82	20.23	1.95	18.28	17.06	1.22
5	1.78	23.32	2.21	21.12	19.63	1.49
5	1.74	26.35	2.45	23.90	22.13	1.78
5	1.70	29.32	2.67	26.65	24.56	2.08
5	1.66	32.23	2.87	29.35	26.95	2.41
5	1.63	35.08	3.06	32.02	29.27	2.74
5	1.59	37.89	3.24	34.65	31.55	3.10
5	1.55	40.65	3.40	37.25	33.79	3.46
5	1.52	43.37	3.55	39.83	35.98	3.84
5	1.49	46.06	3.68	42.37	38.14	4.24
5	1.45	48.71	3.81	44.90	40.26	4.64
5	1.42	51.32	3.92	47.40	42.35	5.05

5	1.38	53.91	4.03	49.88	44.41	5.48
5	1.35	56.47	4.12	52.35	46.44	5.91
5	1.32	59.01	4.21	54.80	48.45	6.35
5	1.32	59.01	4.21	54.80	48.45	6.35
5	1.29	61.52	4.30	57.22	50.43	6.79
5	1.26	64.01	4.38	59.63	52.40	7.24
5	1.23	66.48	4.45	62.03	54.34	7.69
5	1.19	68.94	4.52	64.42	56.26	8.15
5	1.16	71.37	4.58	66.79	58.17	8.62
5	1.13	73.79	4.63	69.16	60.06	9.10
5	1.10	76.20	4.68	71.51	61.94	9.57
5	1.07	78.59	4.73	73.86	63.81	10.06
5	1.04	80.97	4.77	76.20	65.66	10.54
5	1.01	83.34	4.81	78.54	67.50	11.03
5	0.99	85.70	4.84	80.86	69.34	11.53
5	0.96	88.06	4.87	83.19	71.16	12.02
5	0.93	90.40	4.90	85.50	72.98	12.52
5	0.90	92.74	4.93	87.81	74.79	13.03
5	0.87	95.07	4.95	90.12	76.59	13.53
5	0.84	97.40	4.97	92.43	78.39	14.04
5	0.81	99.72	4.99	94.73	80.18	14.55
5	0.78	102.03	5.56	96.47	81.97	14.50
5	0.75	104.34	7.22	97.13	83.75	13.37
5	0.73	106.65	9.39	97.26	85.53	11.73
5	0.73	106.65	9.39	97.26	85.53	11.73
5	0.70	108.90	11.56	97.34	87.25	10.09
5	0.67	111.06	12.88	98.18	88.88	9.30

5	0.65	113.15	13.92	99.23	90.44	8.78
5	0.62	115.18	14.79	100.39	91.95	8.45
5	0.60	117.16	15.52	101.64	93.40	8.24
5	0.58	119.10	16.17	102.93	94.81	8.12
5	0.56	121.00	16.74	104.26	96.18	8.08
5	0.53	122.87	17.26	105.61	97.52	8.09
5	0.51	124.70	17.73	106.98	98.83	8.15
5	0.49	126.51	18.16	108.36	100.11	8.25
5	0.47	128.30	18.55	109.74	101.37	8.38
5	0.45	130.06	18.92	111.13	102.60	8.53
5	0.43	131.79	19.27	112.53	103.81	8.72
5	0.41	133.51	19.59	113.92	105.00	8.92
5	0.40	135.21	19.90	115.31	106.17	9.14
5	0.38	136.89	20.19	116.70	107.32	9.38
5	0.36	138.55	20.47	118.08	108.45	9.63
5	0.34	140.19	20.73	119.46	109.57	9.90
5	0.32	141.82	20.98	120.84	110.67	10.17
5	0.31	143.44	21.22	122.21	111.76	10.46
5	0.31	143.44	21.22	122.21	111.76	10.46
5	0.29	145.04	21.47	123.57	112.83	10.74
5	0.27	146.62	21.70	124.92	113.88	11.04
5	0.25	148.19	21.92	126.27	114.93	11.34
5	0.24	149.75	22.14	127.61	115.96	11.65
5	0.22	151.29	22.35	128.94	116.97	11.97
5	0.21	152.82	22.56	130.26	117.97	12.29
5	0.19	154.34	22.76	131.58	118.96	12.62
5	0.17	155.85	22.95	132.89	119.94	12.95

5	0.16	157.34	23.14	134.20	120.91	13.29
5	0.14	158.82	23.33	135.50	121.86	13.63
5	0.13	160.29	23.51	136.78	122.80	13.98
5	0.11	161.75	23.69	138.07	123.74	14.33
5	0.10	163.20	23.86	139.34	124.66	14.68
5	0.08	164.64	24.03	140.61	125.57	15.04
5	0.07	166.07	24.20	141.87	126.47	15.40
5	0.06	167.49	24.37	143.12	127.36	15.76
5	0.04	168.90	24.53	144.36	128.24	16.12
5	0.03	170.29	24.70	145.60	129.11	16.49
5	0.01	171.68	24.86	146.82	129.97	16.86
5	0.00	173.06	25.33	147.73	130.82	16.91

Time = 730. Degree of Consolidation = 82.%

Total Settlement = 1.904

Settlement at End of Primary Consolidation = 2.326

Settlement caused by Primary Consolidation at time 730. = 1.904

Settlement caused by Secondary Compression at time 730. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.27

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.65	12.05	24.00	21.09	19.14

1	29.79	29.47	12.04	23.95	21.04	19.09
1	29.59	29.29	12.03	23.90	20.99	19.04
1	29.39	29.12	12.03	23.85	20.94	19.00
1	29.19	28.94	12.02	23.81	20.89	18.95
1	28.99	28.76	12.01	23.76	20.84	18.90
1	28.79	28.59	12.00	23.71	20.80	18.85
1	28.59	28.41	11.99	23.66	20.75	18.80
1	28.39	28.24	11.99	23.61	20.70	18.75
1	28.19	28.06	11.98	23.56	20.65	18.70
1	27.99	27.89	11.97	23.51	20.60	18.66
2	27.99	27.89	11.97	2.20	2.16	2.14
2	26.66	26.58	11.55	2.14	2.11	2.07
2	25.36	25.29	11.13	2.07	2.06	2.02
2	24.09	24.02	10.71	2.02	2.01	1.98
2	22.83	22.77	10.30	1.98	1.96	1.93
2	21.60	21.54	9.88	1.93	1.91	1.89
2	20.38	20.33	9.46	1.89	1.86	1.84
2	19.18	19.14	9.04	1.84	1.81	1.80
2	18.00	17.98	8.62	1.80	1.76	1.75
3	18.00	17.98	8.62	1.56	1.56	1.56
3	17.19	17.17	8.31	1.56	1.55	1.55
3	16.38	16.37	7.99	1.55	1.55	1.54
3	15.58	15.56	7.68	1.55	1.54	1.54
3	14.78	14.76	7.36	1.54	1.54	1.53
3	13.98	13.96	7.05	1.53	1.53	1.53
3	13.18	13.16	6.73	1.53	1.53	1.52
3	12.38	12.37	6.41	1.52	1.52	1.52

3	11.59	11.57	6.10	1.52	1.52	1.52
3	10.79	10.78	5.78	1.52	1.52	1.51
3	10.00	9.98	5.47	1.51	1.51	1.51
4	10.00	9.98	5.47	0.85	0.85	0.85
4	8.99	8.97	4.92	0.84	0.84	0.84
4	7.98	7.97	4.37	0.84	0.84	0.84
4	6.98	6.96	3.83	0.84	0.83	0.83
4	5.97	5.96	3.28	0.83	0.83	0.83
4	4.97	4.96	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.97	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.81	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.65	173.06	25.33	147.72	130.82	16.91
1	29.47	184.60	25.76	158.85	141.94	16.91
1	29.29	196.12	26.18	169.94	153.03	16.91
1	29.12	207.62	26.60	181.02	164.10	16.91
1	28.94	219.09	27.02	192.07	175.15	16.92
1	28.76	230.53	27.44	203.09	186.17	16.92
1	28.59	241.96	27.86	214.09	197.17	16.92
1	28.41	253.35	28.29	225.07	208.15	16.92
1	28.24	264.73	28.71	236.02	219.10	16.92
1	28.06	276.07	29.13	246.95	230.02	16.92

1	27.89	287.40	29.55	257.85	240.92	16.92
2	27.89	287.40	29.55	257.85	240.92	16.92
2	26.58	409.96	64.38	345.58	322.75	22.82
2	25.29	531.15	95.22	435.94	403.22	32.72
2	24.02	651.11	136.61	514.50	482.44	32.06
2	22.77	769.83	181.71	588.12	560.43	27.68
2	21.54	887.26	229.05	658.21	637.14	21.07
2	20.33	1003.35	275.10	728.26	712.50	15.76
2	19.14	1118.13	317.73	800.40	786.54	13.86
2	17.98	1231.65	357.81	873.84	859.33	14.51
2	17.98	1231.65	357.81	873.84	859.33	14.51
3	17.17	1312.86	388.29	924.57	909.64	14.93
3	16.37	1393.95	416.12	977.83	959.83	18.01
3	15.56	1474.94	441.79	1033.15	1009.91	23.24
3	14.76	1555.84	465.64	1090.20	1059.90	30.30
3	13.96	1636.64	487.91	1148.73	1109.79	38.94
3	13.16	1717.36	515.51	1201.84	1159.60	42.24
3	12.37	1798.00	546.42	1251.58	1209.33	42.24
3	11.57	1878.56	577.45	1301.11	1258.99	42.12
3	10.78	1959.05	610.03	1349.02	1308.58	40.44
3	9.98	2039.46	644.45	1395.02	1358.08	36.93
3	9.98	2039.46	644.45	1395.02	1358.08	36.93
4	8.97	2152.92	718.43	1434.50	1421.05	13.45
4	7.97	2266.20	779.58	1486.62	1483.83	2.80
4	6.96	2379.32	832.87	1546.45	1546.45	0.00
4	5.96	2492.30	883.37	1608.94	1608.94	0.00
4	4.96	2605.15	933.87	1671.28	1671.28	0.00

4	3.97	2717.85	982.38	1735.47	1733.49	1.98
4	2.97	2830.43	1029.39	1801.04	1795.57	5.47
4	1.98	2942.88	1076.95	1865.93	1857.53	8.40
4	0.99	3055.20	1125.77	1929.43	1919.35	10.08
4	0.00	3167.38	1175.85	1991.53	1981.03	10.50

Time = 1095. Degree of Consolidation = 56.%

Total Settlement = 0.339

Settlement at End of Primary Consolidation = 0.604

Settlement caused by Primary Consolidation at time 1095. = 0.339

Settlement caused by Secondary Compression at time 1095. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	4.00	2.10	0.40	9.11	9.11	9.11
5	3.95	2.05	0.39	9.11	8.79	8.65
5	3.90	2.00	0.39	9.11	8.48	8.20
5	3.85	1.95	0.38	9.11	8.19	7.74
5	3.80	1.91	0.38	9.11	7.92	7.29
5	3.75	1.87	0.37	9.11	7.66	6.83
5	3.70	1.82	0.37	9.11	7.42	6.37
5	3.65	1.78	0.36	9.11	7.20	5.92
5	3.60	1.74	0.36	9.11	7.00	5.46
5	3.55	1.70	0.35	9.11	6.80	5.00

5	3.50	1.66	0.35	9.11	6.63	4.79
5	3.45	1.63	0.34	9.11	6.46	4.78
5	3.40	1.59	0.34	9.11	6.31	4.78
5	3.35	1.55	0.33	9.11	6.17	4.77
5	3.30	1.52	0.33	9.11	6.04	4.77
5	3.25	1.49	0.32	9.11	5.93	4.76
5	3.20	1.45	0.32	9.11	5.82	4.76
5	3.15	1.42	0.31	9.11	5.72	4.75
5	3.10	1.38	0.31	9.11	5.63	4.74
5	3.05	1.35	0.30	9.11	5.55	4.73
5	3.00	1.32	0.30	9.11	5.47	4.63
5	3.00	1.32	0.30	9.11	5.47	4.63
5	2.95	1.29	0.29	9.11	5.40	4.52
5	2.90	1.26	0.29	9.11	5.33	4.42
5	2.85	1.23	0.28	9.11	5.26	4.31
5	2.80	1.19	0.28	9.11	5.21	4.21
5	2.75	1.16	0.27	9.11	5.15	4.10
5	2.70	1.13	0.27	9.11	5.11	3.99
5	2.65	1.10	0.26	9.11	5.06	3.89
5	2.60	1.07	0.26	9.11	5.02	3.78
5	2.55	1.04	0.25	9.11	4.99	3.68
5	2.50	1.01	0.25	9.11	4.96	3.57
5	2.45	0.99	0.24	9.11	4.93	3.47
5	2.40	0.96	0.24	9.11	4.90	3.36
5	2.35	0.93	0.23	9.11	4.88	3.26
5	2.30	0.90	0.23	9.11	4.85	3.15
5	2.25	0.87	0.22	9.11	4.83	3.04

5	2.20	0.84	0.22	9.11	4.82	2.94
5	2.15	0.81	0.21	9.11	4.80	2.83
5	2.10	0.78	0.21	9.11	4.78	2.73
5	2.05	0.75	0.20	9.11	4.77	2.62
5	2.00	0.73	0.20	9.11	4.75	2.52
5	2.00	0.73	0.20	9.11	4.75	2.52
5	1.95	0.70	0.19	9.11	4.43	2.41
5	1.90	0.67	0.19	9.11	4.16	2.30
5	1.85	0.65	0.18	9.11	3.96	2.20
5	1.80	0.62	0.18	9.11	3.78	2.09
5	1.75	0.60	0.17	9.11	3.64	1.99
5	1.70	0.58	0.17	9.11	3.51	1.88
5	1.65	0.56	0.16	9.11	3.39	1.78
5	1.60	0.53	0.16	9.11	3.29	1.74
5	1.55	0.51	0.15	9.11	3.19	1.74
5	1.50	0.49	0.15	9.11	3.11	1.73
5	1.45	0.47	0.14	9.11	3.03	1.73
5	1.40	0.45	0.14	9.11	2.96	1.73
5	1.35	0.43	0.13	9.11	2.89	1.73
5	1.30	0.41	0.13	9.11	2.82	1.72
5	1.25	0.40	0.12	9.11	2.76	1.72
5	1.20	0.38	0.12	9.11	2.70	1.72
5	1.15	0.36	0.11	9.11	2.65	1.72
5	1.10	0.34	0.11	9.11	2.59	1.71
5	1.05	0.32	0.10	9.11	2.54	1.71
5	1.00	0.31	0.10	9.11	2.50	1.71
5	1.00	0.31	0.10	9.11	2.50	1.71

5	0.95	0.29	0.09	9.11	2.45	1.71
5	0.90	0.27	0.09	9.11	2.40	1.70
5	0.85	0.25	0.08	9.11	2.36	1.70
5	0.80	0.24	0.08	9.11	2.31	1.70
5	0.75	0.22	0.07	9.11	2.27	1.70
5	0.70	0.21	0.07	9.11	2.23	1.69
5	0.65	0.19	0.06	9.11	2.19	1.69
5	0.60	0.17	0.06	9.11	2.15	1.69
5	0.55	0.16	0.05	9.11	2.11	1.69
5	0.50	0.14	0.05	9.11	2.07	1.68
5	0.45	0.13	0.04	9.11	2.04	1.68
5	0.40	0.11	0.04	9.11	2.00	1.68
5	0.35	0.10	0.03	9.11	1.97	1.67
5	0.30	0.08	0.03	9.11	1.93	1.67
5	0.25	0.07	0.02	9.11	1.90	1.67
5	0.20	0.06	0.02	9.11	1.87	1.67
5	0.15	0.04	0.01	9.11	1.83	1.66
5	0.10	0.03	0.01	9.11	1.80	1.66
5	0.05	0.01	0.00	9.11	1.77	1.66
5	0.00	0.00	0.00	9.11	1.74	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.10	0.00	0.00	0.00	0.00	0.00
5	2.05	3.60	0.38	3.22	3.07	0.15
5	2.00	7.10	0.73	6.37	6.04	0.32
5	1.95	10.51	1.07	9.44	8.92	0.52

5	1.91	13.83	1.38	12.45	11.71	0.73
5	1.87	17.07	1.68	15.39	14.43	0.96
5	1.82	20.23	1.95	18.28	17.06	1.22
5	1.78	23.32	2.21	21.12	19.63	1.49
5	1.74	26.35	2.45	23.90	22.13	1.78
5	1.70	29.32	2.67	26.65	24.56	2.08
5	1.66	32.23	2.87	29.35	26.95	2.41
5	1.63	35.08	3.06	32.02	29.27	2.74
5	1.59	37.89	3.24	34.65	31.55	3.10
5	1.55	40.65	3.40	37.25	33.79	3.46
5	1.52	43.37	3.55	39.83	35.98	3.84
5	1.49	46.06	3.68	42.37	38.14	4.24
5	1.45	48.71	3.81	44.90	40.26	4.64
5	1.42	51.32	3.92	47.40	42.35	5.05
5	1.38	53.91	4.03	49.88	44.41	5.48
5	1.35	56.47	4.12	52.35	46.44	5.91
5	1.32	59.01	4.21	54.80	48.45	6.35
5	1.32	59.01	4.21	54.80	48.45	6.35
5	1.29	61.52	4.30	57.22	50.43	6.79
5	1.26	64.01	4.38	59.63	52.40	7.24
5	1.23	66.48	4.45	62.03	54.34	7.69
5	1.19	68.94	4.52	64.42	56.26	8.15
5	1.16	71.37	4.58	66.79	58.17	8.62
5	1.13	73.79	4.63	69.16	60.06	9.10
5	1.10	76.20	4.68	71.51	61.94	9.57
5	1.07	78.59	4.73	73.86	63.81	10.06
5	1.04	80.97	4.77	76.20	65.66	10.54

5	1.01	83.34	4.81	78.54	67.50	11.03
5	0.99	85.70	4.84	80.86	69.34	11.53
5	0.96	88.06	4.87	83.19	71.16	12.02
5	0.93	90.40	4.90	85.50	72.98	12.52
5	0.90	92.74	4.93	87.81	74.79	13.03
5	0.87	95.07	4.95	90.12	76.59	13.53
5	0.84	97.40	4.97	92.43	78.39	14.04
5	0.81	99.72	4.99	94.73	80.18	14.55
5	0.78	102.03	5.56	96.47	81.97	14.50
5	0.75	104.34	7.22	97.13	83.75	13.37
5	0.73	106.65	9.39	97.26	85.53	11.73
5	0.73	106.65	9.39	97.26	85.53	11.73
5	0.70	108.90	11.56	97.34	87.25	10.09
5	0.67	111.06	12.88	98.18	88.88	9.30
5	0.65	113.15	13.92	99.23	90.44	8.78
5	0.62	115.18	14.79	100.39	91.95	8.45
5	0.60	117.16	15.52	101.64	93.40	8.24
5	0.58	119.10	16.17	102.93	94.81	8.12
5	0.56	121.00	16.74	104.26	96.18	8.07
5	0.53	122.87	17.26	105.61	97.52	8.09
5	0.51	124.70	17.73	106.98	98.83	8.15
5	0.49	126.51	18.16	108.36	100.11	8.25
5	0.47	128.30	18.55	109.74	101.37	8.38
5	0.45	130.06	18.92	111.13	102.60	8.53
5	0.43	131.79	19.27	112.52	103.81	8.72
5	0.41	133.51	19.59	113.92	105.00	8.92
5	0.40	135.21	19.90	115.31	106.17	9.14

5	0.38	136.89	20.19	116.70	107.32	9.38
5	0.36	138.55	20.47	118.08	108.45	9.63
5	0.34	140.19	20.73	119.46	109.57	9.89
5	0.32	141.82	20.98	120.84	110.67	10.17
5	0.31	143.44	21.22	122.21	111.76	10.46
5	0.31	143.44	21.22	122.21	111.76	10.46
5	0.29	145.04	21.47	123.57	112.83	10.74
5	0.27	146.62	21.70	124.92	113.88	11.04
5	0.25	148.19	21.92	126.27	114.93	11.34
5	0.24	149.75	22.14	127.61	115.96	11.65
5	0.22	151.29	22.35	128.94	116.97	11.97
5	0.21	152.82	22.56	130.26	117.97	12.29
5	0.19	154.34	22.76	131.58	118.96	12.62
5	0.17	155.85	22.95	132.89	119.94	12.95
5	0.16	157.34	23.14	134.20	120.91	13.29
5	0.14	158.82	23.33	135.50	121.86	13.63
5	0.13	160.29	23.51	136.78	122.80	13.98
5	0.11	161.75	23.69	138.07	123.74	14.33
5	0.10	163.20	23.86	139.34	124.66	14.68
5	0.08	164.64	24.03	140.61	125.57	15.04
5	0.07	166.07	24.20	141.87	126.47	15.40
5	0.06	167.49	24.37	143.12	127.36	15.76
5	0.04	168.90	24.53	144.36	128.24	16.12
5	0.03	170.29	24.70	145.60	129.11	16.49
5	0.01	171.68	24.86	146.82	129.97	16.86
5	0.00	173.06	25.33	147.72	130.82	16.91

Time = 1095. Degree of Consolidation = 82.%

Total Settlement = 1.904
 Settlement at End of Primary Consolidation = 2.326
 Settlement caused by Primary Consolidation at time 1095. = 1.904
 Settlement caused by Secondary Compression at time 1095. = 0.000
 Settlement Due to Desiccation = 0.000
 Surface Elevation = 1.26

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.64	12.05	24.00	21.09	19.14
1	29.79	29.46	12.04	23.95	21.04	19.09
1	29.59	29.29	12.03	23.90	20.99	19.04
1	29.39	29.11	12.03	23.85	20.94	19.00
1	29.19	28.93	12.02	23.81	20.89	18.95
1	28.99	28.75	12.01	23.76	20.84	18.90
1	28.79	28.58	12.00	23.71	20.80	18.85
1	28.59	28.40	11.99	23.66	20.75	18.80
1	28.39	28.23	11.99	23.61	20.70	18.75
1	28.19	28.05	11.98	23.56	20.65	18.70
1	27.99	27.88	11.97	23.51	20.60	18.66
2	27.99	27.88	11.97	2.20	2.16	2.14
2	26.66	26.57	11.55	2.14	2.11	2.07
2	25.36	25.28	11.13	2.07	2.06	2.02

2	24.09	24.01	10.71	2.02	2.01	1.98
2	22.83	22.76	10.30	1.98	1.96	1.93
2	21.60	21.53	9.88	1.93	1.91	1.89
2	20.38	20.33	9.46	1.89	1.86	1.84
2	19.18	19.14	9.04	1.84	1.81	1.80
2	18.00	17.98	8.62	1.80	1.76	1.75
2	18.00	17.98	8.62	1.56	1.56	1.56
3	17.19	17.17	8.31	1.56	1.55	1.55
3	16.38	16.37	7.99	1.55	1.55	1.54
3	15.58	15.56	7.68	1.55	1.54	1.54
3	14.78	14.76	7.36	1.54	1.54	1.53
3	13.98	13.96	7.05	1.53	1.53	1.53
3	13.18	13.16	6.73	1.53	1.53	1.52
3	12.38	12.37	6.41	1.52	1.52	1.52
3	11.59	11.57	6.10	1.52	1.52	1.52
3	10.79	10.78	5.78	1.52	1.52	1.51
3	10.00	9.98	5.47	1.51	1.51	1.51
3	10.00	9.98	5.47	0.85	0.85	0.85
4	8.99	8.97	4.92	0.84	0.84	0.84
4	7.98	7.97	4.37	0.84	0.84	0.84
4	6.98	6.96	3.83	0.84	0.83	0.83
4	5.97	5.96	3.28	0.83	0.83	0.83
4	4.97	4.96	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.97	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.81	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81

4	0.00	0.00	0.00	0.81	0.81	0.81
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***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.64	173.06	25.34	147.72	130.82	16.90
1	29.46	184.60	25.76	158.84	141.94	16.91
1	29.29	196.12	26.18	169.94	153.03	16.91
1	29.11	207.62	26.60	181.01	164.10	16.91
1	28.93	219.09	27.03	192.06	175.15	16.91
1	28.75	230.53	27.45	203.09	186.17	16.91
1	28.58	241.95	27.87	214.09	197.17	16.91
1	28.40	253.35	28.29	225.06	208.15	16.92
1	28.23	264.72	28.71	236.01	219.09	16.92
1	28.05	276.07	29.13	246.94	230.02	16.92
1	27.88	287.40	29.56	257.84	240.92	16.92
1	27.88	287.40	29.56	257.84	240.92	16.92
2	26.57	409.94	65.05	344.89	322.73	22.16
2	25.28	531.10	96.37	434.73	403.16	31.57
2	24.01	650.99	139.03	511.96	482.33	29.64
2	22.76	769.64	184.91	584.73	560.24	24.49
2	21.53	886.97	232.87	654.11	636.85	17.26
2	20.33	1002.96	278.65	724.31	712.10	12.21
2	19.14	1117.63	320.76	796.87	786.04	10.83
2	17.98	1231.07	360.01	871.06	858.75	12.31
2	17.98	1231.07	360.01	871.06	858.75	12.31
3	17.17	1312.27	389.97	922.30	909.05	13.25
3	16.37	1393.36	417.37	975.99	959.23	16.76
3						

3	15.56	1474.35	442.67	1031.68	1009.31	22.36
3	14.76	1555.24	466.19	1089.05	1059.30	29.75
3	13.96	1636.04	488.17	1147.87	1109.19	38.68
3	13.16	1716.76	515.51	1201.24	1159.00	42.24
3	12.37	1797.39	546.42	1250.97	1208.73	42.24
3	11.57	1877.96	577.45	1300.51	1258.39	42.12
3	10.78	1958.45	610.03	1348.42	1307.98	40.44
3	9.98	2038.86	644.45	1394.41	1357.48	36.93
4	9.98	2038.86	644.45	1394.41	1357.48	36.93
4	8.97	2152.32	718.43	1433.90	1420.44	13.45
4	7.97	2265.60	779.58	1486.02	1483.22	2.80
4	6.96	2378.72	832.87	1545.85	1545.85	0.00
4	5.96	2491.70	883.37	1608.33	1608.33	0.00
4	4.96	2604.55	933.87	1670.68	1670.68	0.00
4	3.97	2717.25	982.41	1734.84	1732.89	1.95
4	2.97	2829.83	1029.44	1800.39	1794.97	5.42
4	1.98	2942.28	1077.02	1865.26	1856.92	8.34
4	0.99	3054.60	1125.85	1928.75	1918.74	10.00
4	0.00	3166.78	1175.94	1990.84	1980.43	10.41

Time = 1825. Degree of Consolidation = 58.%

Total Settlement = 0.349

Settlement at End of Primary Consolidation = 0.604

Settlement caused by Primary Consolidation at time 1825. =
0.349

Settlement caused by Secondary Compression at time 1825. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	4.00	2.10	0.40	9.11	9.11	9.11
5	3.95	2.05	0.39	9.11	8.79	8.65
5	3.90	2.00	0.39	9.11	8.48	8.20
5	3.85	1.95	0.38	9.11	8.19	7.74
5	3.80	1.91	0.38	9.11	7.92	7.29
5	3.75	1.87	0.37	9.11	7.66	6.83
5	3.70	1.82	0.37	9.11	7.42	6.37
5	3.65	1.78	0.36	9.11	7.20	5.92
5	3.60	1.74	0.36	9.11	7.00	5.46
5	3.55	1.70	0.35	9.11	6.80	5.00
5	3.50	1.66	0.35	9.11	6.63	4.79
5	3.45	1.63	0.34	9.11	6.46	4.78
5	3.40	1.59	0.34	9.11	6.31	4.78
5	3.35	1.55	0.33	9.11	6.17	4.77
5	3.30	1.52	0.33	9.11	6.04	4.77
5	3.25	1.49	0.32	9.11	5.93	4.76
5	3.20	1.45	0.32	9.11	5.82	4.76
5	3.15	1.42	0.31	9.11	5.72	4.75
5	3.10	1.38	0.31	9.11	5.63	4.74
5	3.05	1.35	0.30	9.11	5.55	4.73
5	3.00	1.32	0.30	9.11	5.47	4.63
5	3.00	1.32	0.30	9.11	5.47	4.63
5	2.95	1.29	0.29	9.11	5.40	4.52

5	2.90	1.26	0.29	9.11	5.33	4.42
5	2.85	1.23	0.28	9.11	5.26	4.31
5	2.80	1.19	0.28	9.11	5.21	4.21
5	2.75	1.16	0.27	9.11	5.15	4.10
5	2.70	1.13	0.27	9.11	5.11	3.99
5	2.65	1.10	0.26	9.11	5.06	3.89
5	2.60	1.07	0.26	9.11	5.02	3.78
5	2.55	1.04	0.25	9.11	4.99	3.68
5	2.50	1.01	0.25	9.11	4.96	3.57
5	2.45	0.99	0.24	9.11	4.93	3.47
5	2.40	0.96	0.24	9.11	4.90	3.36
5	2.35	0.93	0.23	9.11	4.88	3.26
5	2.30	0.90	0.23	9.11	4.85	3.15
5	2.25	0.87	0.22	9.11	4.83	3.04
5	2.20	0.84	0.22	9.11	4.82	2.94
5	2.15	0.81	0.21	9.11	4.80	2.83
5	2.10	0.78	0.21	9.11	4.78	2.73
5	2.05	0.75	0.20	9.11	4.77	2.62
5	2.00	0.73	0.20	9.11	4.75	2.52
5	2.00	0.73	0.20	9.11	4.75	2.52
5	1.95	0.70	0.19	9.11	4.43	2.41
5	1.90	0.67	0.19	9.11	4.16	2.30
5	1.85	0.65	0.18	9.11	3.96	2.20
5	1.80	0.62	0.18	9.11	3.78	2.09
5	1.75	0.60	0.17	9.11	3.64	1.99
5	1.70	0.58	0.17	9.11	3.51	1.88
5	1.65	0.56	0.16	9.11	3.39	1.78

5	1.60	0.53	0.16	9.11	3.29	1.74
5	1.55	0.51	0.15	9.11	3.19	1.74
5	1.50	0.49	0.15	9.11	3.11	1.73
5	1.45	0.47	0.14	9.11	3.03	1.73
5	1.40	0.45	0.14	9.11	2.96	1.73
5	1.35	0.43	0.13	9.11	2.89	1.73
5	1.30	0.41	0.13	9.11	2.82	1.72
5	1.25	0.40	0.12	9.11	2.76	1.72
5	1.20	0.38	0.12	9.11	2.70	1.72
5	1.15	0.36	0.11	9.11	2.65	1.72
5	1.10	0.34	0.11	9.11	2.59	1.71
5	1.05	0.32	0.10	9.11	2.54	1.71
5	1.00	0.31	0.10	9.11	2.50	1.71
5	1.00	0.31	0.10	9.11	2.50	1.71
5	0.95	0.29	0.09	9.11	2.45	1.71
5	0.90	0.27	0.09	9.11	2.40	1.70
5	0.85	0.25	0.08	9.11	2.36	1.70
5	0.80	0.24	0.08	9.11	2.31	1.70
5	0.75	0.22	0.07	9.11	2.27	1.70
5	0.70	0.21	0.07	9.11	2.23	1.69
5	0.65	0.19	0.06	9.11	2.19	1.69
5	0.60	0.17	0.06	9.11	2.15	1.69
5	0.55	0.16	0.05	9.11	2.11	1.69
5	0.50	0.14	0.05	9.11	2.07	1.68
5	0.45	0.13	0.04	9.11	2.04	1.68
5	0.40	0.11	0.04	9.11	2.00	1.68
5	0.35	0.10	0.03	9.11	1.97	1.67

5	0.30	0.08	0.03	9.11	1.93	1.67
5	0.25	0.07	0.02	9.11	1.90	1.67
5	0.20	0.06	0.02	9.11	1.87	1.67
5	0.15	0.04	0.01	9.11	1.83	1.66
5	0.10	0.03	0.01	9.11	1.80	1.66
5	0.05	0.01	0.00	9.11	1.77	1.66
5	0.00	0.00	0.00	9.11	1.74	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.10	0.00	0.00	0.00	0.00	0.00
5	2.05	3.60	0.38	3.22	3.07	0.15
5	2.00	7.10	0.73	6.37	6.04	0.32
5	1.95	10.51	1.07	9.44	8.92	0.52
5	1.91	13.83	1.38	12.45	11.71	0.73
5	1.87	17.07	1.68	15.39	14.43	0.96
5	1.82	20.23	1.95	18.28	17.06	1.22
5	1.78	23.32	2.21	21.12	19.63	1.49
5	1.74	26.35	2.45	23.90	22.13	1.78
5	1.70	29.32	2.67	26.65	24.56	2.08
5	1.66	32.23	2.87	29.35	26.95	2.41
5	1.63	35.08	3.06	32.02	29.27	2.74
5	1.59	37.89	3.24	34.65	31.55	3.10
5	1.55	40.65	3.40	37.25	33.79	3.46
5	1.52	43.37	3.55	39.83	35.98	3.84
5	1.49	46.06	3.68	42.37	38.14	4.24
5	1.45	48.71	3.81	44.90	40.26	4.64

5	1.42	51.32	3.92	47.40	42.35	5.05
5	1.38	53.91	4.03	49.88	44.41	5.48
5	1.35	56.47	4.12	52.35	46.44	5.91
5	1.32	59.01	4.21	54.80	48.45	6.35
5	1.32	59.01	4.21	54.80	48.45	6.35
5	1.29	61.52	4.30	57.22	50.43	6.79
5	1.26	64.01	4.38	59.63	52.40	7.24
5	1.23	66.48	4.45	62.03	54.34	7.69
5	1.19	68.94	4.52	64.42	56.26	8.15
5	1.16	71.37	4.58	66.79	58.17	8.62
5	1.13	73.79	4.63	69.16	60.06	9.10
5	1.10	76.20	4.68	71.51	61.94	9.57
5	1.07	78.59	4.73	73.86	63.81	10.06
5	1.04	80.97	4.77	76.20	65.66	10.54
5	1.01	83.34	4.81	78.54	67.50	11.03
5	0.99	85.70	4.84	80.86	69.34	11.53
5	0.96	88.06	4.87	83.19	71.16	12.02
5	0.93	90.40	4.90	85.50	72.98	12.52
5	0.90	92.74	4.93	87.81	74.79	13.03
5	0.87	95.07	4.95	90.12	76.59	13.53
5	0.84	97.40	4.97	92.43	78.39	14.04
5	0.81	99.72	4.99	94.73	80.18	14.55
5	0.78	102.03	5.56	96.47	81.97	14.50
5	0.75	104.34	7.22	97.13	83.75	13.37
5	0.73	106.65	9.39	97.26	85.53	11.73
5	0.73	106.65	9.39	97.26	85.53	11.73
5	0.70	108.90	11.56	97.34	87.25	10.09

5	0.67	111.06	12.88	98.18	88.88	9.30
5	0.65	113.15	13.92	99.23	90.44	8.78
5	0.62	115.18	14.79	100.39	91.95	8.45
5	0.60	117.16	15.52	101.64	93.40	8.24
5	0.58	119.10	16.17	102.93	94.81	8.12
5	0.56	121.00	16.74	104.26	96.18	8.07
5	0.53	122.87	17.26	105.61	97.52	8.09
5	0.51	124.70	17.73	106.98	98.83	8.15
5	0.49	126.51	18.16	108.36	100.11	8.25
5	0.47	128.30	18.55	109.74	101.37	8.38
5	0.45	130.06	18.92	111.13	102.60	8.53
5	0.43	131.79	19.27	112.52	103.81	8.72
5	0.41	133.51	19.59	113.92	105.00	8.92
5	0.40	135.21	19.90	115.31	106.17	9.14
5	0.38	136.89	20.19	116.70	107.32	9.38
5	0.36	138.55	20.47	118.08	108.45	9.63
5	0.34	140.19	20.73	119.46	109.57	9.89
5	0.32	141.82	20.98	120.84	110.67	10.17
5	0.31	143.44	21.22	122.21	111.76	10.46
5	0.31	143.44	21.22	122.21	111.76	10.46
5	0.29	145.04	21.47	123.57	112.83	10.74
5	0.27	146.62	21.70	124.92	113.88	11.04
5	0.25	148.19	21.92	126.27	114.93	11.34
5	0.24	149.75	22.14	127.61	115.96	11.65
5	0.22	151.29	22.35	128.94	116.97	11.97
5	0.21	152.82	22.56	130.26	117.97	12.29
5	0.19	154.34	22.76	131.58	118.96	12.62

5	0.17	155.85	22.95	132.89	119.94	12.95
5	0.16	157.34	23.14	134.20	120.91	13.29
5	0.14	158.82	23.33	135.49	121.86	13.63
5	0.13	160.29	23.51	136.78	122.80	13.98
5	0.11	161.75	23.69	138.07	123.74	14.33
5	0.10	163.20	23.86	139.34	124.66	14.68
5	0.08	164.64	24.03	140.61	125.57	15.04
5	0.07	166.07	24.20	141.87	126.47	15.40
5	0.06	167.49	24.37	143.12	127.36	15.76
5	0.04	168.89	24.53	144.36	128.24	16.12
5	0.03	170.29	24.70	145.60	129.11	16.49
5	0.01	171.68	24.86	146.82	129.97	16.86
5	0.00	173.06	25.34	147.72	130.82	16.90

Time = 1825. Degree of Consolidation = 82.%

Total Settlement = 1.904

Settlement at End of Primary Consolidation = 2.326

Settlement caused by Primary Consolidation at time 1825. = 1.904

Settlement caused by Secondary Compression at time 1825. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.25

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****			***** Void Ratios *****		
A	XI	Z	Einitial	E	Eeop
Material					

1	29.99	29.64	12.05	24.00	21.09	19.14
1	29.79	29.46	12.04	23.95	21.04	19.09
1	29.59	29.28	12.03	23.90	20.99	19.04
1	29.39	29.10	12.03	23.85	20.94	19.00
1	29.19	28.93	12.02	23.81	20.89	18.95
1	28.99	28.75	12.01	23.76	20.84	18.90
1	28.79	28.57	12.00	23.71	20.79	18.85
1	28.59	28.40	11.99	23.66	20.75	18.80
1	28.39	28.22	11.99	23.61	20.70	18.75
1	28.19	28.05	11.98	23.56	20.65	18.70
1	27.99	27.87	11.97	23.51	20.60	18.66
2	27.99	27.87	11.97	2.20	2.16	2.14
2	26.66	26.56	11.55	2.14	2.11	2.07
2	25.36	25.27	11.13	2.07	2.06	2.02
2	24.09	24.01	10.71	2.02	2.01	1.98
2	22.83	22.76	10.30	1.98	1.96	1.93
2	21.60	21.53	9.88	1.93	1.91	1.89
2	20.38	20.32	9.46	1.89	1.86	1.84
2	19.18	19.14	9.04	1.84	1.81	1.80
2	18.00	17.98	8.62	1.80	1.76	1.75
3	18.00	17.98	8.62	1.56	1.56	1.56
3	17.19	17.17	8.31	1.56	1.55	1.55
3	16.38	16.37	7.99	1.55	1.55	1.54
3	15.58	15.56	7.68	1.55	1.54	1.54
3	14.78	14.76	7.36	1.54	1.54	1.53
3	13.98	13.96	7.05	1.53	1.53	1.53
3	13.18	13.16	6.73	1.53	1.53	1.52

3	12.38	12.37	6.41	1.52	1.52	1.52
3	11.59	11.57	6.10	1.52	1.52	1.52
3	10.79	10.78	5.78	1.52	1.52	1.51
3	10.00	9.98	5.47	1.51	1.51	1.51
4	10.00	9.98	5.47	0.85	0.85	0.85
4	8.99	8.97	4.92	0.84	0.84	0.84
4	7.98	7.97	4.37	0.84	0.84	0.84
4	6.98	6.96	3.83	0.84	0.83	0.83
4	5.97	5.96	3.28	0.83	0.83	0.83
4	4.97	4.96	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.97	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.81	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.64	173.06	25.34	147.72	130.82	16.90
1	29.46	184.60	25.76	158.84	141.94	16.90
1	29.28	196.12	26.18	169.94	153.03	16.91
1	29.10	207.62	26.60	181.01	164.10	16.91
1	28.93	219.09	27.03	192.06	175.15	16.91
1	28.75	230.53	27.45	203.08	186.17	16.91
1	28.57	241.95	27.87	214.08	197.17	16.91
1	28.40	253.35	28.29	225.06	208.14	16.91
1	28.22	264.72	28.71	236.01	219.09	16.91

1	28.05	276.07	29.14	246.93	230.02	16.92
1	27.87	287.39	29.56	257.84	240.92	16.92
2	27.87	287.39	29.56	257.84	240.92	16.92
2	26.56	409.93	65.31	344.62	322.73	21.89
2	25.27	531.08	96.82	434.26	403.14	31.12
2	24.01	650.95	139.97	510.97	482.28	28.69
2	22.76	769.56	186.16	583.40	560.16	23.23
2	21.53	886.86	234.37	652.49	636.73	15.76
2	20.32	1002.80	280.04	722.76	711.94	10.82
2	19.14	1117.43	321.95	795.49	785.85	9.64
2	17.98	1230.84	360.87	869.97	858.53	11.44
2	17.98	1230.84	360.87	869.97	858.53	11.44
3	17.17	1312.04	390.63	921.41	908.82	12.59
3	16.37	1393.13	417.86	975.27	959.00	16.27
3	15.56	1474.11	443.01	1031.10	1009.08	22.02
3	14.76	1555.00	466.41	1088.59	1059.06	29.53
3	13.96	1635.80	488.27	1147.53	1108.96	38.58
3	13.16	1716.52	515.51	1201.01	1158.77	42.24
3	12.37	1797.16	546.42	1250.74	1208.50	42.24
3	11.57	1877.72	577.45	1300.28	1258.16	42.12
3	10.78	1958.22	610.03	1348.18	1307.74	40.44
3	9.98	2038.63	644.45	1394.18	1357.24	36.93
3	9.98	2038.63	644.45	1394.18	1357.24	36.93
4	8.97	2152.09	718.43	1433.66	1420.21	13.45
4	7.97	2265.36	779.58	1485.79	1482.99	2.80
4	6.96	2378.48	832.87	1545.61	1545.61	0.00
4	5.96	2491.47	883.37	1608.10	1608.10	0.00

4	4.96	2604.31	933.87	1670.44	1670.44	0.00
4	3.97	2717.02	982.41	1734.61	1732.65	1.95
4	2.97	2829.59	1029.44	1800.15	1794.74	5.42
4	1.98	2942.04	1077.02	1865.02	1856.69	8.34
4	0.99	3054.36	1125.85	1928.51	1918.51	10.00
4	0.00	3166.54	1175.94	1990.61	1980.19	10.41

Time = 3650. Degree of Consolidation = 58.%

Total Settlement = 0.352

Settlement at End of Primary Consolidation = 0.604

Settlement caused by Primary Consolidation at time 3650. = 0.352

Settlement caused by Secondary Compression at time 3650. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	4.00	2.10	0.40	9.11	9.11	9.11
5	3.95	2.05	0.39	9.11	8.79	8.65
5	3.90	2.00	0.39	9.11	8.48	8.20
5	3.85	1.95	0.38	9.11	8.19	7.74
5	3.80	1.91	0.38	9.11	7.92	7.29
5	3.75	1.87	0.37	9.11	7.66	6.83
5	3.70	1.82	0.37	9.11	7.42	6.37
5	3.65	1.78	0.36	9.11	7.20	5.92
5	3.60	1.74	0.36	9.11	7.00	5.46

5	3.55	1.70	0.35	9.11	6.80	5.00
5	3.50	1.66	0.35	9.11	6.63	4.79
5	3.45	1.63	0.34	9.11	6.46	4.78
5	3.40	1.59	0.34	9.11	6.31	4.78
5	3.35	1.55	0.33	9.11	6.17	4.77
5	3.30	1.52	0.33	9.11	6.04	4.77
5	3.25	1.49	0.32	9.11	5.93	4.76
5	3.20	1.45	0.32	9.11	5.82	4.76
5	3.15	1.42	0.31	9.11	5.72	4.75
5	3.10	1.38	0.31	9.11	5.63	4.74
5	3.05	1.35	0.30	9.11	5.55	4.73
5	3.00	1.32	0.30	9.11	5.47	4.63
5	3.00	1.32	0.30	9.11	5.47	4.63
5	2.95	1.29	0.29	9.11	5.40	4.52
5	2.90	1.26	0.29	9.11	5.33	4.42
5	2.85	1.23	0.28	9.11	5.26	4.31
5	2.80	1.19	0.28	9.11	5.21	4.21
5	2.75	1.16	0.27	9.11	5.15	4.10
5	2.70	1.13	0.27	9.11	5.11	3.99
5	2.65	1.10	0.26	9.11	5.06	3.89
5	2.60	1.07	0.26	9.11	5.02	3.78
5	2.55	1.04	0.25	9.11	4.99	3.68
5	2.50	1.01	0.25	9.11	4.96	3.57
5	2.45	0.99	0.24	9.11	4.93	3.47
5	2.40	0.96	0.24	9.11	4.90	3.36
5	2.35	0.93	0.23	9.11	4.88	3.26
5	2.30	0.90	0.23	9.11	4.85	3.15

5	2.25	0.87	0.22	9.11	4.83	3.04
5	2.20	0.84	0.22	9.11	4.82	2.94
5	2.15	0.81	0.21	9.11	4.80	2.83
5	2.10	0.78	0.21	9.11	4.78	2.73
5	2.05	0.75	0.20	9.11	4.77	2.62
5	2.00	0.73	0.20	9.11	4.75	2.52
5	2.00	0.73	0.20	9.11	4.75	2.52
5	1.95	0.70	0.19	9.11	4.43	2.41
5	1.90	0.67	0.19	9.11	4.16	2.30
5	1.85	0.65	0.18	9.11	3.96	2.20
5	1.80	0.62	0.18	9.11	3.78	2.09
5	1.75	0.60	0.17	9.11	3.64	1.99
5	1.70	0.58	0.17	9.11	3.51	1.88
5	1.65	0.56	0.16	9.11	3.39	1.78
5	1.60	0.53	0.16	9.11	3.29	1.74
5	1.55	0.51	0.15	9.11	3.19	1.74
5	1.50	0.49	0.15	9.11	3.11	1.73
5	1.45	0.47	0.14	9.11	3.03	1.73
5	1.40	0.45	0.14	9.11	2.96	1.73
5	1.35	0.43	0.13	9.11	2.89	1.73
5	1.30	0.41	0.13	9.11	2.82	1.72
5	1.25	0.40	0.12	9.11	2.76	1.72
5	1.20	0.38	0.12	9.11	2.70	1.72
5	1.15	0.36	0.11	9.11	2.65	1.72
5	1.10	0.34	0.11	9.11	2.59	1.71
5	1.05	0.32	0.10	9.11	2.54	1.71
5	1.00	0.31	0.10	9.11	2.50	1.71

5	1.00	0.31	0.10	9.11	2.50	1.71
5	0.95	0.29	0.09	9.11	2.45	1.71
5	0.90	0.27	0.09	9.11	2.40	1.70
5	0.85	0.25	0.08	9.11	2.36	1.70
5	0.80	0.24	0.08	9.11	2.31	1.70
5	0.75	0.22	0.07	9.11	2.27	1.70
5	0.70	0.21	0.07	9.11	2.23	1.69
5	0.65	0.19	0.06	9.11	2.19	1.69
5	0.60	0.17	0.06	9.11	2.15	1.69
5	0.55	0.16	0.05	9.11	2.11	1.69
5	0.50	0.14	0.05	9.11	2.07	1.68
5	0.45	0.13	0.04	9.11	2.04	1.68
5	0.40	0.11	0.04	9.11	2.00	1.68
5	0.35	0.10	0.03	9.11	1.97	1.67
5	0.30	0.08	0.03	9.11	1.93	1.67
5	0.25	0.07	0.02	9.11	1.90	1.67
5	0.20	0.06	0.02	9.11	1.87	1.67
5	0.15	0.04	0.01	9.11	1.83	1.66
5	0.10	0.03	0.01	9.11	1.80	1.66
5	0.05	0.01	0.00	9.11	1.77	1.66
5	0.00	0.00	0.00	9.11	1.74	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.10	0.00	0.00	0.00	0.00	0.00
5	2.05	3.60	0.38	3.22	3.07	0.15
5	2.00	7.10	0.73	6.37	6.04	0.32

5	1.95	10.51	1.07	9.44	8.92	0.52
5	1.91	13.83	1.38	12.45	11.71	0.73
5	1.87	17.07	1.68	15.39	14.43	0.96
5	1.82	20.23	1.95	18.28	17.06	1.22
5	1.78	23.32	2.21	21.12	19.63	1.49
5	1.74	26.35	2.45	23.90	22.13	1.78
5	1.70	29.32	2.67	26.65	24.56	2.08
5	1.66	32.23	2.87	29.35	26.95	2.41
5	1.63	35.08	3.06	32.02	29.27	2.74
5	1.59	37.89	3.24	34.65	31.55	3.10
5	1.55	40.65	3.40	37.25	33.79	3.46
5	1.52	43.37	3.55	39.83	35.98	3.84
5	1.49	46.06	3.68	42.37	38.14	4.24
5	1.45	48.71	3.81	44.90	40.26	4.64
5	1.42	51.32	3.92	47.40	42.35	5.05
5	1.38	53.91	4.03	49.88	44.41	5.48
5	1.35	56.47	4.12	52.35	46.44	5.91
5	1.32	59.01	4.21	54.80	48.45	6.35
5	1.32	59.01	4.21	54.80	48.45	6.35
5	1.29	61.52	4.30	57.22	50.43	6.79
5	1.26	64.01	4.38	59.63	52.40	7.24
5	1.23	66.48	4.45	62.03	54.34	7.69
5	1.19	68.94	4.52	64.42	56.26	8.15
5	1.16	71.37	4.58	66.79	58.17	8.62
5	1.13	73.79	4.63	69.16	60.06	9.10
5	1.10	76.20	4.68	71.51	61.94	9.57
5	1.07	78.59	4.73	73.86	63.81	10.06

5	1.04	80.97	4.77	76.20	65.66	10.54
5	1.01	83.34	4.81	78.54	67.50	11.03
5	0.99	85.70	4.84	80.86	69.34	11.53
5	0.96	88.06	4.87	83.19	71.16	12.02
5	0.93	90.40	4.90	85.50	72.98	12.52
5	0.90	92.74	4.93	87.81	74.79	13.03
5	0.87	95.07	4.95	90.12	76.59	13.53
5	0.84	97.40	4.97	92.43	78.39	14.04
5	0.81	99.72	4.99	94.73	80.18	14.55
5	0.78	102.03	5.56	96.47	81.97	14.50
5	0.75	104.34	7.22	97.13	83.75	13.37
5	0.73	106.65	9.39	97.26	85.53	11.73
5	0.73	106.65	9.39	97.26	85.53	11.73
5	0.70	108.90	11.56	97.34	87.25	10.09
5	0.67	111.06	12.88	98.18	88.88	9.30
5	0.65	113.15	13.92	99.23	90.44	8.78
5	0.62	115.18	14.79	100.39	91.95	8.45
5	0.60	117.16	15.52	101.64	93.40	8.24
5	0.58	119.10	16.17	102.93	94.81	8.12
5	0.56	121.00	16.74	104.26	96.18	8.07
5	0.53	122.87	17.26	105.61	97.52	8.09
5	0.51	124.70	17.73	106.98	98.83	8.15
5	0.49	126.51	18.16	108.36	100.11	8.25
5	0.47	128.30	18.55	109.74	101.37	8.38
5	0.45	130.06	18.92	111.13	102.60	8.53
5	0.43	131.79	19.27	112.52	103.81	8.72
5	0.41	133.51	19.59	113.92	105.00	8.92

5	0.40	135.21	19.90	115.31	106.17	9.14
5	0.38	136.89	20.19	116.70	107.32	9.38
5	0.36	138.55	20.47	118.08	108.45	9.63
5	0.34	140.19	20.73	119.46	109.57	9.89
5	0.32	141.82	20.98	120.84	110.67	10.17
5	0.31	143.44	21.22	122.21	111.76	10.46
5	0.31	143.44	21.22	122.21	111.76	10.46
5	0.29	145.04	21.47	123.57	112.83	10.74
5	0.27	146.62	21.70	124.92	113.88	11.04
5	0.25	148.19	21.92	126.27	114.93	11.34
5	0.24	149.75	22.14	127.61	115.96	11.65
5	0.22	151.29	22.35	128.94	116.97	11.97
5	0.21	152.82	22.56	130.26	117.97	12.29
5	0.19	154.34	22.76	131.58	118.96	12.62
5	0.17	155.85	22.95	132.89	119.94	12.95
5	0.16	157.34	23.14	134.20	120.91	13.29
5	0.14	158.82	23.33	135.49	121.86	13.63
5	0.13	160.29	23.51	136.78	122.80	13.98
5	0.11	161.75	23.69	138.07	123.74	14.33
5	0.10	163.20	23.86	139.34	124.66	14.68
5	0.08	164.64	24.03	140.61	125.57	15.04
5	0.07	166.07	24.20	141.87	126.47	15.40
5	0.06	167.49	24.37	143.12	127.36	15.76
5	0.04	168.89	24.53	144.36	128.24	16.12
5	0.03	170.29	24.70	145.60	129.11	16.49
5	0.01	171.68	24.86	146.82	129.97	16.86
5	0.00	173.06	25.34	147.72	130.82	16.90

Time = 3650. Degree of Consolidation = 82.%

Total Settlement = 1.904

Settlement at End of Primary Consolidation = 2.326

Settlement caused by Primary Consolidation at time 3650. =
1.904

Settlement caused by Secondary Compression at time 3650. =
0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.24

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.64	12.05	24.00	21.09	19.14
1	29.79	29.46	12.04	23.95	21.04	19.09
1	29.59	29.28	12.03	23.90	20.99	19.04
1	29.39	29.10	12.03	23.85	20.94	19.00
1	29.19	28.93	12.02	23.81	20.89	18.95
1	28.99	28.75	12.01	23.76	20.84	18.90
1	28.79	28.57	12.00	23.71	20.79	18.85
1	28.59	28.40	11.99	23.66	20.75	18.80
1	28.39	28.22	11.99	23.61	20.70	18.75
1	28.19	28.05	11.98	23.56	20.65	18.70
1	27.99	27.87	11.97	23.51	20.60	18.66
2	27.99	27.87	11.97	2.20	2.16	2.14
2	26.66	26.56	11.55	2.14	2.11	2.07

2	25.36	25.27	11.13	2.07	2.06	2.02
2	24.09	24.00	10.71	2.02	2.01	1.98
2	22.83	22.76	10.30	1.98	1.96	1.93
2	21.60	21.53	9.88	1.93	1.91	1.89
2	20.38	20.32	9.46	1.89	1.86	1.84
2	19.18	19.14	9.04	1.84	1.81	1.80
2	18.00	17.98	8.62	1.80	1.76	1.75
3	18.00	17.98	8.62	1.56	1.56	1.56
3	17.19	17.17	8.31	1.56	1.55	1.55
3	16.38	16.37	7.99	1.55	1.55	1.54
3	15.58	15.56	7.68	1.55	1.54	1.54
3	14.78	14.76	7.36	1.54	1.54	1.53
3	13.98	13.96	7.05	1.53	1.53	1.53
3	13.18	13.16	6.73	1.53	1.53	1.52
3	12.38	12.37	6.41	1.52	1.52	1.52
3	11.59	11.57	6.10	1.52	1.52	1.52
3	10.79	10.78	5.78	1.52	1.52	1.51
3	10.00	9.98	5.47	1.51	1.51	1.51
4	10.00	9.98	5.47	0.85	0.85	0.85
4	8.99	8.97	4.92	0.84	0.84	0.84
4	7.98	7.97	4.37	0.84	0.84	0.84
4	6.98	6.96	3.83	0.84	0.83	0.83
4	5.97	5.96	3.28	0.83	0.83	0.83
4	4.97	4.96	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.97	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.81	0.81

4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.64	173.06	25.34	147.72	130.82	16.90
1	29.46	184.60	25.76	158.84	141.94	16.90
1	29.28	196.12	26.18	169.94	153.03	16.91
1	29.10	207.62	26.61	181.01	164.10	16.91
1	28.93	219.09	27.03	192.06	175.15	16.91
1	28.75	230.53	27.45	203.08	186.17	16.91
1	28.57	241.95	27.87	214.08	197.17	16.91
1	28.40	253.35	28.29	225.06	208.14	16.91
1	28.22	264.72	28.71	236.01	219.09	16.91
1	28.05	276.07	29.14	246.93	230.02	16.92
1	27.87	287.39	29.56	257.84	240.92	16.92
1	27.87	287.39	29.56	257.84	240.92	16.92
2	26.56	409.93	65.32	344.61	322.73	21.88
2	25.27	531.08	96.84	434.24	403.14	31.10
2	24.00	650.95	140.02	510.93	482.28	28.65
2	22.76	769.56	186.22	583.34	560.16	23.17
2	21.53	886.85	234.44	652.41	636.73	15.69
2	20.32	1002.79	280.11	722.68	711.94	10.75
2	19.14	1117.42	322.00	795.42	785.84	9.58
2	17.98	1230.83	360.91	869.92	858.51	11.40
2	17.98	1230.83	360.91	869.92	858.51	11.40
3	17.17	1312.03	390.66	921.37	908.81	12.56
3						

3	16.37	1393.12	417.88	975.23	958.99	16.24
3	15.56	1474.10	443.03	1031.07	1009.07	22.00
3	14.76	1554.99	466.42	1088.57	1059.05	29.52
3	13.96	1635.79	488.28	1147.52	1108.95	38.57
3	13.16	1716.51	515.51	1201.00	1158.75	42.24
3	12.37	1797.15	546.42	1250.73	1208.49	42.24
3	11.57	1877.71	577.45	1300.26	1258.14	42.12
3	10.78	1958.20	610.03	1348.17	1307.73	40.44
3	9.98	2038.62	644.45	1394.17	1357.23	36.93
4	9.98	2038.62	644.45	1394.17	1357.23	36.93
4	8.97	2152.08	718.43	1433.65	1420.20	13.45
4	7.97	2265.35	779.58	1485.77	1482.98	2.80
4	6.96	2378.47	832.87	1545.60	1545.60	0.00
4	5.96	2491.45	883.37	1608.09	1608.09	0.00
4	4.96	2604.30	933.87	1670.43	1670.43	0.00
4	3.97	2717.01	982.41	1734.60	1732.64	1.95
4	2.97	2829.58	1029.44	1800.14	1794.72	5.42
4	1.98	2942.03	1077.02	1865.01	1856.68	8.34
4	0.99	3054.35	1125.85	1928.50	1918.50	10.00
4	0.00	3166.53	1175.94	1990.60	1980.18	10.41

Time = 7300. Degree of Consolidation = 58.%

Total Settlement = 0.353

Settlement at End of Primary Consolidation = 0.604

Settlement caused by Primary Consolidation at time 7300. = 0.353

Settlement caused by Secondary Compression at time 7300. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	4.00	2.10	0.40	9.11	9.11	9.11
5	3.95	2.05	0.39	9.11	8.79	8.65
5	3.90	2.00	0.39	9.11	8.48	8.20
5	3.85	1.95	0.38	9.11	8.19	7.74
5	3.80	1.91	0.38	9.11	7.92	7.29
5	3.75	1.87	0.37	9.11	7.66	6.83
5	3.70	1.82	0.37	9.11	7.42	6.37
5	3.65	1.78	0.36	9.11	7.20	5.92
5	3.60	1.74	0.36	9.11	7.00	5.46
5	3.55	1.70	0.35	9.11	6.80	5.00
5	3.50	1.66	0.35	9.11	6.63	4.79
5	3.45	1.63	0.34	9.11	6.46	4.78
5	3.40	1.59	0.34	9.11	6.31	4.78
5	3.35	1.55	0.33	9.11	6.17	4.77
5	3.30	1.52	0.33	9.11	6.04	4.77
5	3.25	1.49	0.32	9.11	5.93	4.76
5	3.20	1.45	0.32	9.11	5.82	4.76
5	3.15	1.42	0.31	9.11	5.72	4.75
5	3.10	1.38	0.31	9.11	5.63	4.74
5	3.05	1.35	0.30	9.11	5.55	4.73
5	3.00	1.32	0.30	9.11	5.47	4.63
5	3.00	1.32	0.30	9.11	5.47	4.63

5	2.95	1.29	0.29	9.11	5.40	4.52
5	2.90	1.26	0.29	9.11	5.33	4.42
5	2.85	1.23	0.28	9.11	5.26	4.31
5	2.80	1.19	0.28	9.11	5.21	4.21
5	2.75	1.16	0.27	9.11	5.15	4.10
5	2.70	1.13	0.27	9.11	5.11	3.99
5	2.65	1.10	0.26	9.11	5.06	3.89
5	2.60	1.07	0.26	9.11	5.02	3.78
5	2.55	1.04	0.25	9.11	4.99	3.68
5	2.50	1.01	0.25	9.11	4.96	3.57
5	2.45	0.99	0.24	9.11	4.93	3.47
5	2.40	0.96	0.24	9.11	4.90	3.36
5	2.35	0.93	0.23	9.11	4.88	3.26
5	2.30	0.90	0.23	9.11	4.85	3.15
5	2.25	0.87	0.22	9.11	4.83	3.04
5	2.20	0.84	0.22	9.11	4.82	2.94
5	2.15	0.81	0.21	9.11	4.80	2.83
5	2.10	0.78	0.21	9.11	4.78	2.73
5	2.05	0.75	0.20	9.11	4.77	2.62
5	2.00	0.73	0.20	9.11	4.75	2.52
5	2.00	0.73	0.20	9.11	4.75	2.52
5	1.95	0.70	0.19	9.11	4.43	2.41
5	1.90	0.67	0.19	9.11	4.16	2.30
5	1.85	0.65	0.18	9.11	3.96	2.20
5	1.80	0.62	0.18	9.11	3.78	2.09
5	1.75	0.60	0.17	9.11	3.64	1.99
5	1.70	0.58	0.17	9.11	3.51	1.88

5	1.65	0.56	0.16	9.11	3.39	1.78
5	1.60	0.53	0.16	9.11	3.29	1.74
5	1.55	0.51	0.15	9.11	3.19	1.74
5	1.50	0.49	0.15	9.11	3.11	1.73
5	1.45	0.47	0.14	9.11	3.03	1.73
5	1.40	0.45	0.14	9.11	2.96	1.73
5	1.35	0.43	0.13	9.11	2.89	1.73
5	1.30	0.41	0.13	9.11	2.82	1.72
5	1.25	0.40	0.12	9.11	2.76	1.72
5	1.20	0.38	0.12	9.11	2.70	1.72
5	1.15	0.36	0.11	9.11	2.65	1.72
5	1.10	0.34	0.11	9.11	2.59	1.71
5	1.05	0.32	0.10	9.11	2.54	1.71
5	1.00	0.31	0.10	9.11	2.50	1.71
5	1.00	0.31	0.10	9.11	2.50	1.71
5	0.95	0.29	0.09	9.11	2.45	1.71
5	0.90	0.27	0.09	9.11	2.40	1.70
5	0.85	0.25	0.08	9.11	2.36	1.70
5	0.80	0.24	0.08	9.11	2.31	1.70
5	0.75	0.22	0.07	9.11	2.27	1.70
5	0.70	0.21	0.07	9.11	2.23	1.69
5	0.65	0.19	0.06	9.11	2.19	1.69
5	0.60	0.17	0.06	9.11	2.15	1.69
5	0.55	0.16	0.05	9.11	2.11	1.69
5	0.50	0.14	0.05	9.11	2.07	1.68
5	0.45	0.13	0.04	9.11	2.04	1.68
5	0.40	0.11	0.04	9.11	2.00	1.68

5	0.35	0.10	0.03	9.11	1.97	1.67
5	0.30	0.08	0.03	9.11	1.93	1.67
5	0.25	0.07	0.02	9.11	1.90	1.67
5	0.20	0.06	0.02	9.11	1.87	1.67
5	0.15	0.04	0.01	9.11	1.83	1.66
5	0.10	0.03	0.01	9.11	1.80	1.66
5	0.05	0.01	0.00	9.11	1.77	1.66
5	0.00	0.00	0.00	9.11	1.74	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.10	0.00	0.00	0.00	0.00	0.00
5	2.05	3.60	0.38	3.22	3.07	0.15
5	2.00	7.10	0.73	6.37	6.04	0.32
5	1.95	10.51	1.07	9.44	8.92	0.52
5	1.91	13.83	1.38	12.45	11.71	0.73
5	1.87	17.07	1.68	15.39	14.43	0.96
5	1.82	20.23	1.95	18.28	17.06	1.22
5	1.78	23.32	2.21	21.12	19.63	1.49
5	1.74	26.35	2.45	23.90	22.13	1.78
5	1.70	29.32	2.67	26.65	24.56	2.08
5	1.66	32.23	2.87	29.35	26.95	2.41
5	1.63	35.08	3.06	32.02	29.27	2.74
5	1.59	37.89	3.24	34.65	31.55	3.10
5	1.55	40.65	3.40	37.25	33.79	3.46
5	1.52	43.37	3.55	39.83	35.98	3.84
5	1.49	46.06	3.68	42.37	38.14	4.24

5	1.45	48.71	3.81	44.90	40.26	4.64
5	1.42	51.32	3.92	47.40	42.35	5.05
5	1.38	53.91	4.03	49.88	44.41	5.48
5	1.35	56.47	4.12	52.35	46.44	5.91
5	1.32	59.01	4.21	54.80	48.45	6.35
5	1.32	59.01	4.21	54.80	48.45	6.35
5	1.29	61.52	4.30	57.22	50.43	6.79
5	1.26	64.01	4.38	59.63	52.40	7.24
5	1.23	66.48	4.45	62.03	54.34	7.69
5	1.19	68.94	4.52	64.42	56.26	8.15
5	1.16	71.37	4.58	66.79	58.17	8.62
5	1.13	73.79	4.63	69.16	60.06	9.10
5	1.10	76.20	4.68	71.51	61.94	9.57
5	1.07	78.59	4.73	73.86	63.81	10.06
5	1.04	80.97	4.77	76.20	65.66	10.54
5	1.01	83.34	4.81	78.54	67.50	11.03
5	0.99	85.70	4.84	80.86	69.34	11.53
5	0.96	88.06	4.87	83.19	71.16	12.02
5	0.93	90.40	4.90	85.50	72.98	12.52
5	0.90	92.74	4.93	87.81	74.79	13.03
5	0.87	95.07	4.95	90.12	76.59	13.53
5	0.84	97.40	4.97	92.43	78.39	14.04
5	0.81	99.72	4.99	94.73	80.18	14.55
5	0.78	102.03	5.56	96.47	81.97	14.50
5	0.75	104.34	7.22	97.13	83.75	13.37
5	0.73	106.65	9.39	97.26	85.53	11.73
5	0.73	106.65	9.39	97.26	85.53	11.73

5	0.70	108.90	11.56	97.34	87.25	10.09
5	0.67	111.06	12.88	98.18	88.88	9.30
5	0.65	113.15	13.92	99.23	90.44	8.78
5	0.62	115.18	14.79	100.39	91.95	8.45
5	0.60	117.16	15.52	101.64	93.40	8.24
5	0.58	119.10	16.17	102.93	94.81	8.12
5	0.56	121.00	16.74	104.26	96.18	8.07
5	0.53	122.87	17.26	105.61	97.52	8.09
5	0.51	124.70	17.73	106.98	98.83	8.15
5	0.49	126.51	18.16	108.36	100.11	8.25
5	0.47	128.30	18.55	109.74	101.37	8.38
5	0.45	130.06	18.92	111.13	102.60	8.53
5	0.43	131.79	19.27	112.52	103.81	8.72
5	0.41	133.51	19.59	113.92	105.00	8.92
5	0.40	135.21	19.90	115.31	106.17	9.14
5	0.38	136.89	20.19	116.70	107.32	9.38
5	0.36	138.55	20.47	118.08	108.45	9.63
5	0.34	140.19	20.73	119.46	109.57	9.89
5	0.32	141.82	20.98	120.84	110.67	10.17
5	0.31	143.44	21.22	122.21	111.76	10.46
5	0.31	143.44	21.22	122.21	111.76	10.46
5	0.29	145.04	21.47	123.57	112.83	10.74
5	0.27	146.62	21.70	124.92	113.88	11.04
5	0.25	148.19	21.92	126.27	114.93	11.34
5	0.24	149.75	22.14	127.61	115.96	11.65
5	0.22	151.29	22.35	128.94	116.97	11.97
5	0.21	152.82	22.56	130.26	117.97	12.29

5	0.19	154.34	22.76	131.58	118.96	12.62
5	0.17	155.85	22.95	132.89	119.94	12.95
5	0.16	157.34	23.14	134.20	120.91	13.29
5	0.14	158.82	23.33	135.49	121.86	13.63
5	0.13	160.29	23.51	136.78	122.80	13.98
5	0.11	161.75	23.69	138.07	123.74	14.33
5	0.10	163.20	23.86	139.34	124.66	14.68
5	0.08	164.64	24.03	140.61	125.57	15.04
5	0.07	166.07	24.20	141.87	126.47	15.40
5	0.06	167.49	24.37	143.12	127.36	15.76
5	0.04	168.89	24.53	144.36	128.24	16.12
5	0.03	170.29	24.70	145.60	129.11	16.49
5	0.01	171.68	24.86	146.82	129.97	16.86
5	0.00	173.06	25.34	147.72	130.82	16.90

Time = 7300. Degree of Consolidation = 82.%

Total Settlement = 1.904

Settlement at End of Primary Consolidation = 2.326

Settlement caused by Primary Consolidation at time 7300. =
1.904

Settlement caused by Secondary Compression at time 7300. =
0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.24

 Consolidation and desiccation of soft layers---dredged fill

Problem Breton MCA-4 - 4.5' FILL

*****Soil data for compressible foundation*****

Material Type	Layer Thickness	Numbers of Sub-layers	Ca/Cc	Cr/Cc	OCR
4	10.00	10	0.056	0.439	1.000
3	8.00	10	0.070	0.489	1.000
2	10.00	8	0.008	0.063	1.000
1	2.00	10	0.017	0.085	1.000

Material type : 4

Specific Gravity of Solids: 2.48

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	0.920	0.000E	0.136E-03	0.708E-04	-0.373E-04	-0.500E0.354E	
2	0.900	0.100E	0.136E-03	0.716E-04	-0.308E-02	-0.625E0.447E	
3	0.880	0.250E	0.365E-03	0.194E-03	0.924E-03	-0.100E0.194E	
4	0.860	0.500E	0.644E-04	0.346E-04	0.161E-02	-0.125E0.433E	
5	0.820	0.100E	0.178E-03	0.978E-04	-0.214E-03	-0.125E0.122E	
6	0.740	0.200E	0.105E-03	0.603E-04	0.468E-03	-0.125E0.754E	

Material type : 3

Specific Gravity of Solids: 2.57

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	1.630	0.000E	0.257E-03	0.977E-04	-0.376E-04	-0.333E0.326E	
2	1.600	0.100E	0.257E-03	0.988E-04	-0.115E-03	-0.500E0.494E	

3	1.580	0.250E	0.267E-03	0.103E-03	-0.235E-02	-0.571E0	.591E
4	1.530	0.500E	0.667E-03	0.264E-03	0.414E-03	-0.682E0	.180E
5	1.470	0.100E	0.143E-03	0.579E-04	0.939E-03	-0.600E0	.347E
6	1.280	0.200E	0.659E-04	0.289E-04	0.153E-03	-0.526E0	.152E

Material type : 2

Specific Gravity of Solids: 2.56

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	2.210	0.000E	0.107E-02	0.333E-03	-0.109E-03	-0.625E0	.208E
2	2.050	0.100E	0.107E-02	0.351E-03	0.420E-03	-0.781E0	.274E
3	1.890	0.250E	0.575E-03	0.199E-03	0.598E-03	-0.889E0	.177E
4	1.600	0.500E	0.212E-03	0.815E-04	0.287E-03	-0.150E0	.122E
5	1.390	0.100E	0.132E-03	0.552E-04	0.105E-03	-0.319E0	.176E
6	1.130	0.200E	0.681E-04	0.320E-04	0.895E-04	-0.385E0	.123E

Material type : 1

Specific Gravity of Solids: 1.84

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	24.000	0.000E	0.100E	0.400E-01	0.344E-02	-0.870E0	.348E
2	12.500	0.100E	0.655E-02	0.485E-03	0.288E-02	-0.181E0	.879E-02
3	10.200	0.250E	0.299E-02	0.267E-03	0.950E-04	-0.840E0	.224E-01
4	7.740	0.500E	0.288E-03	0.330E-04	0.699E-04	-0.209E0	.688E-02
5	6.610	0.100E	0.123E-03	0.162E-04	0.934E-05	-0.581E0	.940E-02
6	5.160	0.200E	0.545E-04	0.885E-05	0.505E-05	-0.690E0	.610E-02

*****Soil data for dredged fill*****

Material Saturation Type	Specific Gravity	Ca/Cc	Cr/Cc	Saturation Limit	Disication Limit	Max. Crust Depth	Crust at DL
5	2.711	0.011	0.048	4.041	2.154	0.321	0.420

Material type : 5

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	9.110	0.000E	0.100E	0.989E-02	0.112E-02	-0.116E0.114E-01	
2	4.790	0.500E	0.292E-01	0.504E-02	0.214E-02	-0.229E0.115E-01	
3	4.740	0.100E	0.300E-02	0.523E-03	0.142E-02	-0.656E0.343E-02	
4	1.740	0.250E	0.198E-02	0.723E-03	0.611E-04	-0.128E0.926E-02	
5	1.620	0.500E	0.870E-03	0.332E-03	0.133E-02	-0.208E0.692E-01	
6	1.380	0.100E	0.577E-03	0.242E-03	-0.965E-05	-0.333E0.808E-01	
7	1.170	0.200E	0.730E-03	0.336E-03	0.366E-04	-0.750E0.252E	
8	0.980	0.400E	0.451E-03	0.228E-03	0.572E-03	-0.105E0.240E	

Summary of lifts and print detail

Time days	Material Type	Fill Height	# Sub-layers	Void ratio	Start Day	Dessic. Month	Print detail
0.	5	1.2	20	9.11	30.	4	1
11.	5	1.1	20	9.11	180.	4	1
22.	5	1.1	20	9.11	180.	4	1
33.	5	1.1	20	9.11	180.	4	1
45.					180.	4	1
60.					180.	4	1
75.					180.	4	1
120.					180.	4	1
180.					180.	4	1
240.					180.	4	1
365.					180.	4	1
730.					180.	4	1
1095.					180.	4	1
1825.					180.	4	1
3650.					180.	4	1
7300.					180.	4	1

Summary of monthly rainfall and evaporation potential

Month	Rainfall	Evaporation
1	0.160	0.190
2	0.230	0.210
3	0.180	0.320
4	0.410	0.430
5	0.290	0.520

6	0.260	0.630
7	0.830	0.600
8	1.250	0.580
9	0.160	0.510
10	0.660	0.380
11	0.150	0.240
12	0.080	0.190

*****Calculation data*****

tau	Lower layer Void ratio	Lower layer Permeability	drainage path Length
.362E-02	0.915	0.10500E-03	z = 15.67

Summary of desiccation parameters

Parameter	Value
Surface Drainage Efficiency	1.00
maximum evaporation efficiency	0.75
time to desic. after initial fill	30.00
month of initial desiccation	4
elevation of fixed water table	1.00
elevation of top of incompres. found.	-30.50

*****Initial Conditions in Compressible Foundation*****

	***** Coordinates *****	***** Void Ratios *****
Material	A XI Z	Einitial E Eeop

1	29.99	29.99	12.05	24.00	24.00	22.54
1	29.79	29.79	12.04	23.95	23.95	22.49
1	29.59	29.59	12.03	23.90	23.90	22.45
1	29.39	29.39	12.03	23.85	23.85	22.40
1	29.19	29.19	12.02	23.81	23.81	22.35
1	28.99	28.99	12.01	23.76	23.76	22.30
1	28.79	28.79	12.00	23.71	23.71	22.25
1	28.59	28.59	11.99	23.66	23.66	22.20
1	28.39	28.39	11.99	23.61	23.61	22.15
1	28.19	28.19	11.98	23.56	23.56	22.10
1	27.99	27.99	11.97	23.51	23.51	22.06
2	27.99	27.99	11.97	2.20	2.20	2.18
2	26.66	26.66	11.55	2.14	2.14	2.12
2	25.36	25.36	11.13	2.07	2.07	2.05
2	24.09	24.09	10.71	2.02	2.02	2.01
2	22.83	22.83	10.30	1.98	1.98	1.96
2	21.60	21.60	9.88	1.93	1.93	1.92
2	20.38	20.38	9.46	1.89	1.89	1.88
2	19.18	19.18	9.04	1.84	1.84	1.83
2	18.00	18.00	8.62	1.80	1.80	1.78
3	18.00	18.00	8.62	1.56	1.56	1.56
3	17.19	17.19	8.31	1.56	1.56	1.56
3	16.38	16.38	7.99	1.55	1.55	1.55
3	15.58	15.58	7.68	1.55	1.55	1.54
3	14.78	14.78	7.36	1.54	1.54	1.54
3	13.98	13.98	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.53

3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.59	6.10	1.52	1.52	1.52
3	10.79	10.79	5.78	1.52	1.52	1.52
3	10.00	10.00	5.47	1.51	1.51	1.51
4	10.00	10.00	5.47	0.85	0.85	0.85
4	8.99	8.99	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.98	3.83	0.84	0.84	0.84
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.82
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.99	106.27	0.00	106.27	93.60	12.67
1	29.79	119.29	0.42	118.86	106.19	12.67
1	29.59	132.27	0.85	131.43	118.75	12.67
1	29.39	145.24	1.27	143.97	131.29	12.67
1	29.19	158.18	1.69	156.48	143.81	12.67
1	28.99	171.09	2.12	168.97	156.30	12.67
1	28.79	183.98	2.54	181.44	168.77	12.67
1	28.59	196.85	2.96	193.88	181.21	12.67
1	28.39	209.69	3.39	206.30	193.63	12.67

1	28.19	222.50	3.81	218.69	206.02	12.67
1	27.99	235.29	4.23	231.06	218.39	12.67
2	27.99	235.29	4.23	231.06	218.39	12.67
2	26.66	358.84	44.96	313.88	301.21	12.67
2	25.36	480.62	85.69	394.92	382.25	12.67
2	24.09	600.88	126.42	474.45	461.78	12.67
2	22.83	719.94	167.15	552.78	540.11	12.67
2	21.60	837.85	207.88	629.96	617.29	12.67
2	20.38	954.65	248.61	706.04	693.36	12.67
2	19.18	1070.26	289.34	780.92	768.25	12.67
2	18.00	1184.63	330.07	854.56	841.89	12.67
2	18.00	1184.63	330.07	854.56	841.89	12.67
3	17.19	1265.95	360.98	904.98	892.30	12.67
3	16.38	1347.15	391.89	955.27	942.59	12.67
3	15.58	1428.23	422.79	1005.44	992.76	12.67
3	14.78	1509.18	453.70	1055.48	1042.81	12.67
3	13.98	1590.02	484.61	1105.41	1092.74	12.67
3	13.18	1670.74	515.51	1155.22	1142.55	12.67
3	12.38	1751.38	546.42	1204.96	1192.28	12.67
3	11.59	1831.94	577.33	1254.62	1241.94	12.67
3	10.79	1912.43	608.23	1304.20	1291.53	12.67
3	10.00	1992.85	639.14	1353.71	1341.04	12.67
3	10.00	1992.85	639.14	1353.71	1341.04	12.67
4	8.99	2106.36	689.64	1416.73	1404.05	12.67
4	7.98	2219.74	740.13	1479.60	1466.93	12.67
4	6.98	2332.97	790.63	1542.34	1529.67	12.67
4	5.97	2446.07	841.13	1604.94	1592.27	12.67

4	4.97	2559.03	891.62	1667.40	1654.73	12.67
4	3.97	2671.85	942.12	1729.73	1717.05	12.67
4	2.98	2784.53	992.62	1791.91	1779.24	12.67
4	1.98	2897.08	1043.11	1853.96	1841.29	12.67
4	0.99	3009.48	1093.61	1915.87	1903.20	12.67
4	0.00	3121.75	1144.11	1977.65	1964.97	12.67

Time = 0. Degree of Consolidation = 0.%

Total Settlement = 0.000

Settlement at End of Primary Consolidation = 0.183

Settlement caused by Primary Consolidation at time 0. = 0.000

Settlement caused by Secondary Compression at time 0. = 0.000

*****Initial Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
5	1.20	1.20	0.12	9.11	9.11	9.11
5	1.14	1.14	0.11	9.11	9.11	8.56
5	1.08	1.08	0.11	9.11	9.11	8.02
5	1.02	1.02	0.10	9.11	9.11	7.47
5	0.96	0.96	0.09	9.11	9.11	6.92
5	0.90	0.90	0.09	9.11	9.11	6.37
5	0.84	0.84	0.08	9.11	9.11	5.83
5	0.78	0.78	0.08	9.11	9.11	5.28
5	0.72	0.72	0.07	9.11	9.11	4.79

5	0.66	0.66	0.07	9.11	9.11	4.78
5	0.60	0.60	0.06	9.11	9.11	4.78
5	0.54	0.54	0.05	9.11	9.11	4.77
5	0.48	0.48	0.05	9.11	9.11	4.76
5	0.42	0.42	0.04	9.11	9.11	4.76
5	0.36	0.36	0.04	9.11	9.11	4.75
5	0.30	0.30	0.03	9.11	9.11	4.74
5	0.24	0.24	0.02	9.11	9.11	4.71
5	0.18	0.18	0.02	9.11	9.11	4.59
5	0.12	0.12	0.01	9.11	9.11	4.46
5	0.06	0.06	0.01	9.11	9.11	4.33
5	0.00	0.00	0.00	9.11	9.11	4.21

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	1.20	18.72	0.00	18.72	18.72	0.00
5	1.14	23.10	0.00	23.10	22.46	0.63
5	1.08	27.48	0.00	27.48	26.21	1.27
5	1.02	31.85	0.00	31.85	29.95	1.90
5	0.96	36.23	0.00	36.23	33.70	2.53
5	0.90	40.61	0.00	40.61	37.44	3.17
5	0.84	44.99	0.00	44.99	41.18	3.80
5	0.78	49.36	0.00	49.36	44.93	4.44
5	0.72	53.74	0.00	53.74	48.67	5.07
5	0.66	58.12	0.00	58.12	52.42	5.70
5	0.60	62.50	0.00	62.50	56.16	6.34
5	0.54	66.87	0.00	66.87	59.90	6.97

5	0.48	71.25	0.00	71.25	63.65	7.60
5	0.42	75.63	0.00	75.63	67.39	8.24
5	0.36	80.01	0.00	80.01	71.14	8.87
5	0.30	84.38	0.00	84.38	74.88	9.50
5	0.24	88.76	0.00	88.76	78.62	10.14
5	0.18	93.14	0.00	93.14	82.37	10.77
5	0.12	97.52	0.00	97.52	86.11	11.41
5	0.06	101.89	0.00	101.89	89.86	12.04
5	0.00	106.27	0.00	106.27	93.60	12.67

Time = 0. Degree of Consolidation = 0.%

Total Settlement = 0.000

Settlement at End of Primary Consolidation = 0.421

Settlement caused by Primary Consolidation at time 0. = 0.000

Settlement caused by Secondary Compression at time 0. = 0.000

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.94	12.05	24.00	23.42	22.54
1	29.79	29.74	12.04	23.95	23.37	22.49
1	29.59	29.54	12.03	23.90	23.33	22.45
1	29.39	29.35	12.03	23.85	23.28	22.40
1	29.19	29.15	12.02	23.81	23.24	22.35
1	28.99	28.96	12.01	23.76	23.19	22.30

1	28.79	28.76	12.00	23.71	23.14	22.25
1	28.59	28.57	11.99	23.66	23.09	22.20
1	28.39	28.37	11.99	23.61	23.05	22.15
1	28.19	28.18	11.98	23.56	23.00	22.10
1	27.99	27.98	11.97	23.51	22.95	22.06
2	27.99	27.98	11.97	2.20	2.20	2.18
2	26.66	26.66	11.55	2.14	2.14	2.12
2	25.36	25.36	11.13	2.07	2.07	2.05
2	24.09	24.09	10.71	2.02	2.02	2.01
2	22.83	22.83	10.30	1.98	1.98	1.96
2	21.60	21.59	9.88	1.93	1.93	1.92
2	20.38	20.37	9.46	1.89	1.89	1.88
2	19.18	19.18	9.04	1.84	1.84	1.83
2	18.00	18.00	8.62	1.80	1.79	1.78
3	18.00	18.00	8.62	1.56	1.56	1.56
3	17.19	17.19	8.31	1.56	1.56	1.56
3	16.38	16.38	7.99	1.55	1.55	1.55
3	15.58	15.58	7.68	1.55	1.54	1.54
3	14.78	14.78	7.36	1.54	1.54	1.54
3	13.98	13.98	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.53
3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.59	6.10	1.52	1.52	1.52
3	10.79	10.79	5.78	1.52	1.52	1.52
3	10.00	10.00	5.47	1.51	1.51	1.51
4	10.00	10.00	5.47	0.85	0.85	0.85
4	8.99	8.99	4.92	0.84	0.84	0.84

4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.98	3.83	0.84	0.84	0.84
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.82
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.94	109.52	5.07	104.45	96.84	7.60
1	29.74	122.23	5.46	116.77	109.14	7.64
1	29.54	134.93	5.85	129.08	121.41	7.67
1	29.35	147.61	6.25	141.35	133.66	7.69
1	29.15	160.26	6.65	153.61	145.89	7.71
1	28.96	172.88	7.06	165.83	158.09	7.73
1	28.76	185.49	7.46	178.03	170.28	7.75
1	28.57	198.07	7.87	190.20	182.43	7.76
1	28.37	210.63	8.29	202.34	194.57	7.77
1	28.18	223.16	8.71	214.45	206.67	7.78
1	27.98	235.67	9.13	226.54	218.76	7.78
2	27.98	235.67	9.13	226.54	218.76	7.78
2	26.66	359.09	46.52	312.57	301.45	11.12
2	25.36	480.83	85.69	395.14	382.47	12.67
2	24.09	601.09	126.42	474.67	462.00	12.67

2	22.83	720.15	167.15	553.00	540.33	12.67
2	21.59	838.07	207.88	630.19	617.52	12.67
2	20.37	954.86	249.42	705.44	693.57	11.86
2	19.18	1070.45	290.14	780.31	768.43	11.87
2	18.00	1184.77	333.39	851.38	842.03	9.36
2	18.00	1184.77	333.39	851.38	842.03	9.36
3	17.19	1266.07	366.23	899.85	892.42	7.42
3	16.38	1347.25	397.74	949.51	942.69	6.82
3	15.58	1428.30	428.15	1000.15	992.84	7.31
3	14.78	1509.24	457.24	1052.00	1042.87	9.13
3	13.98	1590.07	484.61	1105.46	1092.79	12.67
3	13.18	1670.79	515.51	1155.28	1142.60	12.67
3	12.38	1751.43	546.42	1205.01	1192.34	12.67
3	11.59	1831.99	577.33	1254.67	1241.99	12.67
3	10.79	1912.49	608.23	1304.25	1291.58	12.67
3	10.00	1992.91	639.55	1353.36	1341.09	12.26
3	10.00	1992.91	639.55	1353.36	1341.09	12.26
4	8.99	2106.41	692.85	1413.56	1404.10	9.46
4	7.98	2219.77	743.52	1476.25	1466.97	9.28
4	6.98	2333.00	793.80	1539.20	1529.70	9.50
4	5.97	2446.09	844.02	1602.07	1592.29	9.78
4	4.97	2559.04	894.19	1664.84	1654.74	10.10
4	3.97	2671.85	944.17	1727.68	1717.06	10.62
4	2.98	2784.53	993.50	1791.03	1779.24	11.79
4	1.98	2897.08	1043.11	1853.96	1841.29	12.67
4	0.99	3009.48	1093.61	1915.87	1903.20	12.67
4	0.00	3121.75	1144.11	1977.65	1964.97	12.67

Time = 11. Degree of Consolidation = 28.%

Total Settlement = 0.052

Settlement at End of Primary Consolidation = 0.183

Settlement caused by Primary Consolidation at time 11. =
0.052

Settlement caused by Secondary Compression at time 11. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	1.20	1.00	0.12	9.11	9.11	9.11
5	1.14	0.94	0.11	9.11	9.01	8.56
5	1.08	0.89	0.11	9.11	8.90	8.02
5	1.02	0.83	0.10	9.11	8.80	7.47
5	0.96	0.77	0.09	9.11	8.69	6.92
5	0.90	0.71	0.09	9.11	8.57	6.37
5	0.84	0.66	0.08	9.11	8.44	5.83
5	0.78	0.60	0.08	9.11	8.30	5.28
5	0.72	0.54	0.07	9.11	8.14	4.79
5	0.66	0.49	0.07	9.11	7.96	4.78
5	0.60	0.44	0.06	9.11	7.76	4.78
5	0.54	0.39	0.05	9.11	7.54	4.77
5	0.48	0.34	0.05	9.11	7.30	4.76
5	0.42	0.29	0.04	9.11	7.04	4.76
5	0.36	0.24	0.04	9.11	6.76	4.75

5	0.30	0.20	0.03	9.11	6.46	4.74
5	0.24	0.15	0.02	9.11	6.14	4.71
5	0.18	0.11	0.02	9.11	5.81	4.59
5	0.12	0.07	0.01	9.11	5.46	4.46
5	0.06	0.04	0.01	9.11	5.12	4.33
5	0.00	0.00	0.00	9.11	4.79	4.21

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	1.00	34.20	0.00	34.20	34.20	0.00
5	0.94	38.56	0.12	38.44	37.92	0.51
5	0.89	42.88	0.24	42.64	41.61	1.03
5	0.83	47.16	0.36	46.80	45.26	1.54
5	0.77	51.40	0.49	50.91	48.87	2.05
5	0.71	55.60	0.62	54.98	52.43	2.54
5	0.66	59.75	0.77	58.98	55.95	3.03
5	0.60	63.86	0.94	62.92	59.42	3.49
5	0.54	67.91	1.13	66.78	62.84	3.94
5	0.49	71.89	1.33	70.56	66.19	4.37
5	0.44	75.81	1.56	74.24	69.47	4.77
5	0.39	79.64	1.81	77.83	72.67	5.16
5	0.34	83.40	2.09	81.31	75.79	5.51
5	0.29	87.06	2.39	84.67	78.82	5.84
5	0.24	90.62	2.72	87.90	81.75	6.15
5	0.20	94.07	3.07	91.00	84.57	6.44
5	0.15	97.41	3.44	93.97	87.27	6.70
5	0.11	100.63	3.83	96.80	89.85	6.95

5	0.07	103.72	4.22	99.49	92.31	7.18
5	0.04	106.68	4.62	102.06	94.64	7.42
5	0.00	109.52	5.07	104.45	96.84	7.60

Time = 11. Degree of Consolidation = 47.%

Total Settlement = 0.196

Settlement at End of Primary Consolidation = 0.421

Settlement caused by Primary Consolidation at time 11. = 0.196

Settlement caused by Secondary Compression at time 11. = 0.000

Surface Elevation = 0.45

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****			***** Void Ratios *****			
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.93	12.05	24.00	23.37	21.21
1	29.79	29.73	12.04	23.95	23.32	21.16
1	29.59	29.54	12.03	23.90	23.27	21.11
1	29.39	29.34	12.03	23.85	23.22	21.06
1	29.19	29.14	12.02	23.81	23.17	21.01
1	28.99	28.95	12.01	23.76	23.12	20.96
1	28.79	28.75	12.00	23.71	23.08	20.91
1	28.59	28.56	11.99	23.66	23.03	20.87
1	28.39	28.37	11.99	23.61	22.98	20.82
1	28.19	28.17	11.98	23.56	22.93	20.77
1	27.99	27.98	11.97	23.51	22.88	20.72

2	27.99	27.98	11.97	2.20	2.19	2.16
2	26.66	26.66	11.55	2.14	2.13	2.10
2	25.36	25.36	11.13	2.07	2.07	2.04
2	24.09	24.08	10.71	2.02	2.02	2.00
2	22.83	22.83	10.30	1.98	1.98	1.95
2	21.60	21.59	9.88	1.93	1.93	1.91
2	20.38	20.37	9.46	1.89	1.89	1.86
2	19.18	19.17	9.04	1.84	1.84	1.82
2	18.00	17.99	8.62	1.80	1.79	1.77
2	18.00	17.99	8.62	1.56	1.56	1.56
3	17.19	17.19	8.31	1.56	1.56	1.55
3	16.38	16.38	7.99	1.55	1.55	1.55
3	15.58	15.58	7.68	1.55	1.54	1.54
3	14.78	14.78	7.36	1.54	1.54	1.53
3	13.98	13.98	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.53
3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.59	6.10	1.52	1.52	1.52
3	10.79	10.79	5.78	1.52	1.52	1.51
3	10.00	10.00	5.47	1.51	1.51	1.51
3	10.00	10.00	5.47	0.85	0.85	0.85
4	8.99	8.99	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.98	3.83	0.84	0.84	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82

4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.93	143.78	5.51	138.27	119.49	18.78
1	29.73	156.47	5.93	150.54	131.76	18.78
1	29.54	169.14	6.35	162.79	144.01	18.78
1	29.34	181.79	6.77	175.01	156.23	18.79
1	29.14	194.41	7.20	187.21	168.42	18.79
1	28.95	207.00	7.62	199.38	180.60	18.79
1	28.75	219.57	8.04	211.53	192.74	18.79
1	28.56	232.12	8.46	223.66	204.87	18.79
1	28.37	244.64	8.89	235.76	216.97	18.79
1	28.17	257.14	9.31	247.83	229.04	18.79
1	27.98	269.61	9.73	259.88	241.09	18.79
2	27.98	269.61	9.73	259.88	241.09	18.79
2	26.66	392.97	47.89	345.08	323.72	21.37
2	25.36	514.70	85.69	429.00	404.71	24.29
2	24.08	634.96	126.42	508.53	484.24	24.29
2	22.83	754.01	167.15	586.86	562.57	24.29
2	21.59	871.94	207.93	664.01	639.77	24.24
2	20.37	988.71	250.14	738.57	715.81	22.76
2	19.17	1104.28	291.23	813.05	790.65	22.41
2	17.99	1218.55	335.78	882.77	864.19	18.58

3	17.99	1218.55	335.78	882.77	864.19	18.58
3	17.19	1299.84	369.57	930.27	914.57	15.70
3	16.38	1381.00	401.09	979.92	964.83	15.09
3	15.58	1462.05	430.73	1031.31	1014.96	16.35
3	14.78	1542.98	458.58	1084.39	1064.99	19.40
3	13.98	1623.80	484.61	1139.19	1114.91	24.29
3	13.18	1704.52	515.51	1189.01	1164.72	24.29
3	12.38	1785.16	546.42	1238.74	1214.45	24.29
3	11.59	1865.73	577.33	1288.40	1264.11	24.29
3	10.79	1946.22	608.23	1337.99	1313.70	24.29
3	10.00	2026.64	639.87	1386.77	1363.21	23.56
3	10.00	2026.64	639.87	1386.77	1363.21	23.56
4	8.99	2140.14	695.34	1444.80	1426.21	18.59
4	7.98	2253.49	746.63	1506.86	1489.07	17.79
4	6.98	2366.71	796.85	1569.86	1551.79	18.07
4	5.97	2479.79	846.80	1632.99	1614.37	18.61
4	4.97	2592.73	896.56	1696.17	1676.82	19.35
4	3.97	2705.54	945.90	1759.64	1739.13	20.51
4	2.98	2818.22	994.40	1823.82	1801.31	22.51
4	1.98	2930.76	1043.25	1887.51	1863.36	24.16
4	0.99	3043.17	1093.61	1949.56	1925.27	24.29
4	0.00	3155.44	1144.11	2011.33	1987.04	24.29

Time = 22. Degree of Consolidation = 18.%

Total Settlement = 0.061

Settlement at End of Primary Consolidation = 0.349

Settlement caused by Primary Consolidation at time 22. =
0.061

Settlement caused by Secondary Compression at time 22. =
 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	2.30	1.91	0.23	9.11	9.11	9.11
5	2.25	1.86	0.22	9.11	9.08	8.61
5	2.19	1.81	0.22	9.11	9.05	8.11
5	2.14	1.75	0.21	9.11	9.03	7.60
5	2.08	1.70	0.21	9.11	9.00	7.10
5	2.02	1.64	0.20	9.11	8.97	6.60
5	1.97	1.59	0.19	9.11	8.93	6.10
5	1.91	1.53	0.19	9.11	8.90	5.60
5	1.86	1.48	0.18	9.11	8.86	5.10
5	1.80	1.43	0.18	9.11	8.81	4.79
5	1.75	1.37	0.17	9.11	8.76	4.78
5	1.70	1.32	0.17	9.11	8.70	4.78
5	1.64	1.27	0.16	9.11	8.64	4.77
5	1.59	1.22	0.16	9.11	8.57	4.76
5	1.53	1.16	0.15	9.11	8.49	4.76
5	1.48	1.11	0.15	9.11	8.41	4.75
5	1.42	1.06	0.14	9.11	8.32	4.75
5	1.37	1.01	0.14	9.11	8.22	4.74
5	1.31	0.96	0.13	9.11	8.11	4.65
5	1.26	0.91	0.12	9.11	8.00	4.53

5	1.20	0.86	0.12	9.11	7.88	4.42
5	1.20	0.86	0.12	9.11	7.88	4.42
5	1.14	0.81	0.11	9.11	7.74	4.29
5	1.08	0.76	0.11	9.11	7.60	4.16
5	1.02	0.71	0.10	9.11	7.45	4.04
5	0.96	0.66	0.09	9.11	7.29	3.91
5	0.90	0.61	0.09	9.11	7.12	3.78
5	0.84	0.56	0.08	9.11	6.95	3.66
5	0.78	0.52	0.08	9.11	6.77	3.53
5	0.72	0.47	0.07	9.11	6.60	3.40
5	0.66	0.43	0.07	9.11	6.42	3.28
5	0.60	0.38	0.06	9.11	6.24	3.15
5	0.54	0.34	0.05	9.11	6.06	3.02
5	0.48	0.30	0.05	9.11	5.89	2.90
5	0.42	0.26	0.04	9.11	5.72	2.77
5	0.36	0.22	0.04	9.11	5.56	2.64
5	0.30	0.18	0.03	9.11	5.41	2.52
5	0.24	0.14	0.02	9.11	5.26	2.39
5	0.18	0.11	0.02	9.11	5.13	2.26
5	0.12	0.07	0.01	9.11	5.00	2.14
5	0.06	0.03	0.01	9.11	4.89	2.01
5	0.00	0.00	0.00	9.11	4.78	1.88

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	1.91	0.00	0.00	0.00	0.00	0.00
5	1.86	4.01	0.03	3.98	3.43	0.55

5	1.81	8.01	0.06	7.94	6.85	1.10
5	1.75	12.00	0.10	11.90	10.25	1.65
5	1.70	15.98	0.13	15.85	13.65	2.19
5	1.64	19.95	0.17	19.78	17.04	2.74
5	1.59	23.90	0.20	23.70	20.42	3.28
5	1.53	27.85	0.25	27.60	23.79	3.82
5	1.48	31.79	0.29	31.49	27.14	4.35
5	1.43	35.70	0.35	35.36	30.48	4.88
5	1.37	39.61	0.41	39.20	33.80	5.40
5	1.32	43.49	0.47	43.02	37.10	5.92
5	1.27	47.36	0.54	46.81	40.39	6.43
5	1.22	51.20	0.62	50.57	43.65	6.93
5	1.16	55.01	0.71	54.30	46.88	7.42
5	1.11	58.80	0.81	58.00	50.09	7.90
5	1.06	62.56	0.91	61.65	53.27	8.38
5	1.01	66.29	1.03	65.26	56.42	8.84
5	0.96	69.99	1.15	68.83	59.53	9.30
5	0.91	73.64	1.29	72.35	62.60	9.75
5	0.86	77.26	1.43	75.83	65.64	10.19
5	0.86	77.26	1.43	75.83	65.64	10.19
5	0.81	81.15	1.58	79.57	68.90	10.67
5	0.76	85.00	1.75	83.25	72.11	11.13
5	0.71	88.79	1.93	86.86	75.27	11.59
5	0.66	92.52	2.11	90.41	78.37	12.04
5	0.61	96.19	2.30	93.89	81.40	12.48
5	0.56	99.80	2.50	97.30	84.38	12.92
5	0.52	103.34	2.70	100.64	87.29	13.35

5	0.47	106.82	2.91	103.91	90.14	13.78
5	0.43	110.24	3.12	107.12	92.92	14.20
5	0.38	113.58	3.32	110.26	95.63	14.63
5	0.34	116.87	3.53	113.34	98.28	15.06
5	0.30	120.08	3.73	116.35	100.86	15.49
5	0.26	123.24	3.92	119.31	103.38	15.93
5	0.22	126.33	4.11	122.22	105.84	16.38
5	0.18	129.36	4.29	125.08	108.24	16.83
5	0.14	132.34	4.45	127.89	110.59	17.30
5	0.11	135.27	4.61	130.66	112.88	17.78
5	0.07	138.15	4.75	133.40	115.13	18.27
5	0.03	140.99	4.88	136.10	117.33	18.77
5	0.00	143.78	5.51	138.27	119.49	18.78

Time = 22. Degree of Consolidation = 36.%

Total Settlement = 0.385

Settlement at End of Primary Consolidation = 1.081

Settlement caused by Primary Consolidation at time 22. = 0.385

Settlement caused by Secondary Compression at time 22. = 0.000

Surface Elevation = 1.35

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.92	12.05	24.00	23.36	19.87

1	29.79	29.73	12.04	23.95	23.31	19.82
1	29.59	29.53	12.03	23.90	23.26	19.77
1	29.39	29.34	12.03	23.85	23.21	19.72
1	29.19	29.14	12.02	23.81	23.17	19.68
1	28.99	28.95	12.01	23.76	23.12	19.63
1	28.79	28.75	12.00	23.71	23.07	19.58
1	28.59	28.56	11.99	23.66	23.02	19.53
1	28.39	28.36	11.99	23.61	22.97	19.48
1	28.19	28.17	11.98	23.56	22.92	19.43
1	27.99	27.98	11.97	23.51	22.87	19.38
2	27.99	27.98	11.97	2.20	2.19	2.15
2	26.66	26.65	11.55	2.14	2.13	2.08
2	25.36	25.36	11.13	2.07	2.07	2.03
2	24.09	24.08	10.71	2.02	2.02	1.98
2	22.83	22.83	10.30	1.98	1.98	1.94
2	21.60	21.59	9.88	1.93	1.93	1.90
2	20.38	20.37	9.46	1.89	1.89	1.85
2	19.18	19.17	9.04	1.84	1.84	1.80
2	18.00	17.99	8.62	1.80	1.79	1.76
3	18.00	17.99	8.62	1.56	1.56	1.56
3	17.19	17.19	8.31	1.56	1.56	1.55
3	16.38	16.38	7.99	1.55	1.55	1.54
3	15.58	15.58	7.68	1.55	1.54	1.54
3	14.78	14.78	7.36	1.54	1.54	1.53
3	13.98	13.98	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.52
3	12.38	12.38	6.41	1.52	1.52	1.52

3	11.59	11.58	6.10	1.52	1.52	1.52
3	10.79	10.79	5.78	1.52	1.52	1.51
3	10.00	10.00	5.47	1.51	1.51	1.51
4	10.00	10.00	5.47	0.85	0.85	0.85
4	8.99	8.99	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.84	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.92	214.10	5.57	208.53	178.19	30.34
1	29.73	226.79	5.99	220.80	190.46	30.34
1	29.53	239.45	6.41	233.04	202.70	30.34
1	29.34	252.10	6.84	245.26	214.92	30.34
1	29.14	264.71	7.26	257.45	227.11	30.34
1	28.95	277.30	7.68	269.62	239.28	30.34
1	28.75	289.87	8.11	281.76	251.42	30.34
1	28.56	302.41	8.53	293.88	263.54	30.34
1	28.36	314.93	8.95	305.98	275.64	30.34
1	28.17	327.43	9.37	318.05	287.71	30.34

1	27.98	339.89	9.80	330.10	299.75	30.34
2	27.98	339.89	9.80	330.10	299.75	30.34
2	26.65	463.21	48.77	414.45	382.34	32.10
2	25.36	584.93	85.69	499.23	463.33	35.91
2	24.08	705.19	126.42	578.76	542.86	35.91
2	22.83	824.25	167.15	657.09	621.19	35.91
2	21.59	942.17	208.08	734.09	698.38	35.71
2	20.37	1058.93	250.79	808.14	774.41	33.73
2	19.17	1174.47	292.38	882.09	849.22	32.87
2	17.99	1288.70	337.46	951.24	922.72	28.52
2	17.99	1288.70	337.46	951.24	922.72	28.52
3	17.19	1369.98	371.62	998.37	973.10	25.27
3	16.38	1451.14	403.02	1048.11	1023.35	24.77
3	15.58	1532.17	432.21	1099.96	1073.47	26.48
3	14.78	1613.10	459.46	1153.64	1123.49	30.14
3	13.98	1693.92	484.92	1209.00	1173.41	35.59
3	13.18	1774.64	515.51	1259.13	1223.22	35.91
3	12.38	1855.28	546.42	1308.86	1272.95	35.91
3	11.58	1935.85	577.33	1358.52	1322.61	35.91
3	10.79	2016.34	608.23	1408.10	1372.20	35.91
3	10.00	2096.76	640.13	1456.62	1421.71	34.91
3	10.00	2096.76	640.13	1456.62	1421.71	34.91
4	8.99	2210.25	697.41	1512.84	1484.71	28.13
4	7.98	2323.60	749.43	1574.17	1547.56	26.61
4	6.97	2436.81	799.73	1637.08	1610.27	26.81
4	5.97	2549.88	849.43	1700.45	1672.85	27.60
4	4.97	2662.82	898.74	1764.08	1735.29	28.79

4	3.97	2775.62	947.48	1828.14	1797.60	30.54
4	2.98	2888.30	995.32	1892.98	1859.77	33.20
4	1.98	3000.84	1043.61	1957.23	1921.82	35.41
4	0.99	3113.24	1093.61	2019.63	1983.73	35.91
4	0.00	3225.51	1144.17	2081.34	2045.50	35.84

Time = 33. Degree of Consolidation = 13.%

Total Settlement = 0.065

Settlement at End of Primary Consolidation = 0.514

Settlement caused by Primary Consolidation at time 33. = 0.065

Settlement caused by Secondary Compression at time 33. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	3.40	2.86	0.34	9.11	9.11	9.11
5	3.35	2.80	0.33	9.11	9.10	8.61
5	3.29	2.75	0.33	9.11	9.09	8.11
5	3.24	2.69	0.32	9.11	9.09	7.60
5	3.18	2.64	0.31	9.11	9.08	7.10
5	3.13	2.58	0.31	9.11	9.07	6.60
5	3.07	2.53	0.30	9.11	9.06	6.10
5	3.02	2.47	0.30	9.11	9.05	5.60
5	2.96	2.42	0.29	9.11	9.03	5.10
5	2.91	2.36	0.29	9.11	9.02	4.79

5	2.85	2.31	0.28	9.11	9.00	4.78
5	2.80	2.25	0.28	9.11	8.99	4.78
5	2.74	2.20	0.27	9.11	8.97	4.77
5	2.69	2.15	0.27	9.11	8.94	4.76
5	2.63	2.09	0.26	9.11	8.92	4.76
5	2.58	2.04	0.25	9.11	8.89	4.75
5	2.52	1.98	0.25	9.11	8.86	4.75
5	2.47	1.93	0.24	9.11	8.83	4.74
5	2.41	1.88	0.24	9.11	8.79	4.65
5	2.36	1.82	0.23	9.11	8.75	4.53
5	2.30	1.77	0.23	9.11	8.70	4.42
5	2.30	1.77	0.23	9.11	8.70	4.42
5	2.25	1.72	0.22	9.11	8.66	4.30
5	2.19	1.67	0.22	9.11	8.61	4.18
5	2.14	1.61	0.21	9.11	8.55	4.07
5	2.08	1.56	0.21	9.11	8.49	3.95
5	2.02	1.51	0.20	9.11	8.43	3.84
5	1.97	1.46	0.19	9.11	8.36	3.72
5	1.91	1.41	0.19	9.11	8.29	3.60
5	1.86	1.36	0.18	9.11	8.21	3.49
5	1.80	1.31	0.18	9.11	8.12	3.37
5	1.75	1.26	0.17	9.11	8.03	3.26
5	1.70	1.21	0.17	9.11	7.94	3.14
5	1.64	1.16	0.16	9.11	7.84	3.02
5	1.59	1.11	0.16	9.11	7.74	2.91
5	1.53	1.07	0.15	9.11	7.63	2.79
5	1.48	1.02	0.15	9.11	7.52	2.67

5	1.42	0.97	0.14	9.11	7.41	2.56
5	1.37	0.93	0.14	9.11	7.29	2.44
5	1.31	0.88	0.13	9.11	7.17	2.33
5	1.26	0.84	0.12	9.11	7.05	2.21
5	1.20	0.80	0.12	9.11	6.93	2.09
5	1.20	0.80	0.12	9.11	6.93	2.09
5	1.14	0.75	0.11	9.11	6.79	1.97
5	1.08	0.70	0.11	9.11	6.65	1.84
5	1.02	0.66	0.10	9.11	6.52	1.74
5	0.96	0.61	0.09	9.11	6.38	1.74
5	0.90	0.57	0.09	9.11	6.25	1.73
5	0.84	0.53	0.08	9.11	6.12	1.73
5	0.78	0.49	0.08	9.11	5.99	1.73
5	0.72	0.45	0.07	9.11	5.86	1.72
5	0.66	0.40	0.07	9.11	5.74	1.72
5	0.60	0.37	0.06	9.11	5.63	1.72
5	0.54	0.33	0.05	9.11	5.52	1.72
5	0.48	0.29	0.05	9.11	5.41	1.71
5	0.42	0.25	0.04	9.11	5.31	1.71
5	0.36	0.21	0.04	9.11	5.22	1.71
5	0.30	0.18	0.03	9.11	5.13	1.70
5	0.24	0.14	0.02	9.11	5.05	1.70
5	0.18	0.10	0.02	9.11	4.97	1.70
5	0.12	0.07	0.01	9.11	4.90	1.69
5	0.06	0.03	0.01	9.11	4.84	1.69
5	0.00	0.00	0.00	9.11	4.78	1.69

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
	2.86	0.00	0.00	0.00	0.00	0.00
5	2.80	4.01	0.01	4.00	3.43	0.57
5	2.75	8.02	0.02	8.00	6.86	1.14
5	2.69	12.03	0.03	12.00	10.28	1.71
5	2.64	16.03	0.04	15.99	13.71	2.29
5	2.58	20.03	0.05	19.98	17.13	2.86
5	2.53	24.03	0.06	23.97	20.54	3.42
5	2.47	28.02	0.07	27.95	23.95	3.99
5	2.42	32.01	0.09	31.92	27.36	4.56
5	2.36	35.99	0.10	35.89	30.77	5.12
5	2.31	39.97	0.12	39.85	34.16	5.69
5	2.25	43.95	0.14	43.80	37.56	6.25
5	2.20	47.91	0.17	47.75	40.94	6.80
5	2.15	51.88	0.19	51.68	44.32	7.36
5	2.09	55.83	0.22	55.61	47.70	7.91
5	2.04	59.77	0.25	59.52	51.06	8.46
5	1.98	63.70	0.29	63.42	54.41	9.01
5	1.93	67.63	0.33	67.30	57.75	9.55
5	1.88	71.54	0.37	71.17	61.08	10.08
5	1.82	75.43	0.42	75.02	64.40	10.62
5	1.77	79.32	0.47	78.85	67.70	11.15
5	1.77	79.32	0.47	78.85	67.70	11.15
5	1.72	83.18	0.52	82.66	70.99	11.67
5	1.67	87.04	0.58	86.45	74.26	12.20
5	1.61	90.87	0.64	90.22	77.51	12.71

5	1.56	94.68	0.71	93.97	80.74	13.23
5	1.51	98.47	0.79	97.69	83.95	13.73
5	1.46	102.24	0.87	101.38	87.14	14.23
5	1.41	105.99	0.95	105.04	90.31	14.73
5	1.36	109.71	1.05	108.67	93.45	15.22
5	1.31	113.40	1.14	112.26	96.56	15.70
5	1.26	117.07	1.25	115.82	99.64	16.18
5	1.21	120.70	1.35	119.34	102.69	16.65
5	1.16	124.30	1.47	122.83	105.71	17.12
5	1.11	127.86	1.59	126.27	108.69	17.58
5	1.07	131.39	1.71	129.68	111.64	18.04
5	1.02	134.88	1.84	133.05	114.55	18.49
5	0.97	138.34	1.97	136.37	117.43	18.94
5	0.93	141.75	2.11	139.65	120.26	19.38
5	0.88	145.13	2.24	142.88	123.06	19.83
5	0.84	148.46	2.39	146.08	125.81	20.27
5	0.80	151.75	2.53	149.23	128.52	20.70
5	0.80	151.75	2.53	149.23	128.52	20.70
5	0.75	155.30	2.68	152.61	131.43	21.18
5	0.70	158.79	2.84	155.95	134.29	21.66
5	0.66	162.23	3.00	159.24	137.10	22.14
5	0.61	165.63	3.15	162.47	139.86	22.61
5	0.57	168.97	3.31	165.66	142.57	23.09
5	0.53	172.27	3.46	168.80	145.23	23.57
5	0.49	175.51	3.61	171.90	147.84	24.06
5	0.45	178.71	3.76	174.95	150.41	24.55
5	0.40	181.86	3.90	177.97	152.93	25.04

5	0.37	184.97	4.03	180.94	155.40	25.54
5	0.33	188.04	4.16	183.88	157.84	26.04
5	0.29	191.07	4.28	186.78	160.23	26.55
5	0.25	194.05	4.40	189.66	162.58	27.07
5	0.21	197.01	4.51	192.50	164.90	27.60
5	0.18	199.93	4.61	195.32	167.19	28.13
5	0.14	202.81	4.70	198.11	169.44	28.67
5	0.10	205.67	4.79	200.88	171.67	29.21
5	0.07	208.50	4.87	203.64	173.87	29.77
5	0.03	211.31	4.94	206.37	176.04	30.33
5	0.00	214.10	5.57	208.53	178.19	30.34

Time = 33. Degree of Consolidation = 29.%

Total Settlement = 0.544

Settlement at End of Primary Consolidation = 1.885

Settlement caused by Primary Consolidation at time 33. = 0.544

Settlement caused by Secondary Compression at time 33. = 0.000

Surface Elevation = 2.29

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.92	12.05	24.00	23.36	18.53
1	29.79	29.72	12.04	23.95	23.31	18.49
1	29.59	29.53	12.03	23.90	23.26	18.44

1	29.39	29.33	12.03	23.85	23.21	18.39
1	29.19	29.14	12.02	23.81	23.16	18.34
1	28.99	28.94	12.01	23.76	23.11	18.29
1	28.79	28.75	12.00	23.71	23.06	18.24
1	28.59	28.55	11.99	23.66	23.02	18.19
1	28.39	28.36	11.99	23.61	22.97	18.15
1	28.19	28.17	11.98	23.56	22.92	18.10
1	27.99	27.97	11.97	23.51	22.87	18.05
2	27.99	27.97	11.97	2.20	2.19	2.13
2	26.66	26.65	11.55	2.14	2.13	2.06
2	25.36	25.35	11.13	2.07	2.07	2.01
2	24.09	24.08	10.71	2.02	2.02	1.97
2	22.83	22.82	10.30	1.98	1.98	1.93
2	21.60	21.59	9.88	1.93	1.93	1.88
2	20.38	20.37	9.46	1.89	1.89	1.84
2	19.18	19.17	9.04	1.84	1.84	1.79
2	18.00	17.99	8.62	1.80	1.79	1.74
3	18.00	17.99	8.62	1.56	1.56	1.55
3	17.19	17.18	8.31	1.56	1.56	1.55
3	16.38	16.38	7.99	1.55	1.55	1.54
3	15.58	15.58	7.68	1.55	1.54	1.54
3	14.78	14.78	7.36	1.54	1.54	1.53
3	13.98	13.98	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.52
3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.58	6.10	1.52	1.52	1.52
3	10.79	10.79	5.78	1.52	1.52	1.51

3	10.00	10.00	5.47	1.51	1.51	1.51
4	10.00	10.00	5.47	0.85	0.85	0.85
4	8.99	8.99	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.84	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.80

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.92	284.28	5.60	278.68	236.76	41.92
1	29.72	296.97	6.02	290.94	249.02	41.92
1	29.53	309.63	6.44	303.19	261.26	41.92
1	29.33	322.27	6.87	315.40	273.48	41.92
1	29.14	334.88	7.29	327.59	285.67	41.93
1	28.94	347.47	7.71	339.76	297.83	41.93
1	28.75	360.04	8.14	351.90	309.98	41.93
1	28.55	372.58	8.56	364.02	322.09	41.93
1	28.36	385.10	8.98	376.11	334.19	41.93
1	28.17	397.59	9.41	388.18	346.26	41.93
1	27.97	410.06	9.83	400.23	358.30	41.93
2	27.97	410.06	9.83	400.23	358.30	41.93

2	26.65	533.35	49.36	483.99	440.87	43.13
2	25.35	655.06	85.69	569.36	521.84	47.52
2	24.08	775.32	126.42	648.89	601.37	47.52
2	22.82	894.37	167.15	727.22	679.70	47.52
2	21.59	1012.30	208.32	803.98	756.89	47.09
2	20.37	1129.04	251.50	877.54	832.91	44.63
2	19.17	1244.55	293.60	950.95	907.69	43.26
2	17.99	1358.74	338.86	1019.88	981.15	38.73
2	17.99	1358.74	338.86	1019.88	981.15	38.73
3	17.18	1440.02	373.12	1066.90	1031.52	35.38
3	16.38	1521.17	404.41	1116.75	1081.76	35.00
3	15.58	1602.20	433.33	1168.87	1131.88	36.99
3	14.78	1683.12	460.22	1222.90	1181.90	41.01
3	13.98	1763.94	485.29	1278.65	1231.81	46.84
3	13.18	1844.66	515.51	1329.15	1281.62	47.52
3	12.38	1925.30	546.42	1378.88	1331.36	47.52
3	11.58	2005.86	577.33	1428.54	1381.01	47.52
3	10.79	2086.36	608.23	1478.12	1430.60	47.52
3	10.00	2166.77	640.38	1526.39	1480.11	46.28
3	10.00	2166.77	640.38	1526.39	1480.11	46.28
4	8.99	2280.27	699.36	1580.91	1543.11	37.80
4	7.98	2393.61	752.18	1641.43	1605.95	35.48
4	6.97	2506.81	802.63	1704.18	1668.66	35.52
4	5.97	2619.88	852.11	1767.77	1731.23	36.54
4	4.97	2732.81	900.96	1831.85	1793.66	38.19
4	3.97	2845.61	949.11	1896.50	1855.96	40.53
4	2.98	2958.27	996.34	1961.94	1918.13	43.80

4	1.98	3070.81	1044.08	2026.73	1980.18	46.55
4	0.99	3183.22	1093.61	2089.61	2042.09	47.52
4	0.00	3295.49	1144.37	2151.12	2103.86	47.26

Time = 45. Degree of Consolidation = 10.%

Total Settlement = 0.068

Settlement at End of Primary Consolidation = 0.680

Settlement caused by Primary Consolidation at time 45. = 0.068

Settlement caused by Secondary Compression at time 45. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	4.50	3.79	0.45	9.11	9.11	9.11
5	4.45	3.74	0.44	9.11	9.11	8.61
5	4.39	3.68	0.43	9.11	9.10	8.11
5	4.34	3.63	0.43	9.11	9.10	7.60
5	4.28	3.57	0.42	9.11	9.10	7.10
5	4.23	3.52	0.42	9.11	9.09	6.60
5	4.17	3.46	0.41	9.11	9.09	6.10
5	4.12	3.41	0.41	9.11	9.09	5.60
5	4.06	3.35	0.40	9.11	9.08	5.10
5	4.01	3.30	0.40	9.11	9.08	4.79
5	3.95	3.25	0.39	9.11	9.07	4.78
5	3.90	3.19	0.39	9.11	9.06	4.78

5	3.84	3.14	0.38	9.11	9.06	4.77
5	3.79	3.08	0.37	9.11	9.05	4.76
5	3.73	3.03	0.37	9.11	9.04	4.76
5	3.68	2.97	0.36	9.11	9.03	4.75
5	3.62	2.92	0.36	9.11	9.02	4.75
5	3.57	2.86	0.35	9.11	9.00	4.74
5	3.51	2.81	0.35	9.11	8.99	4.65
5	3.46	2.75	0.34	9.11	8.97	4.53
5	3.40	2.70	0.34	9.11	8.96	4.42
5	3.40	2.70	0.34	9.11	8.96	4.42
5	3.35	2.65	0.33	9.11	8.94	4.30
5	3.29	2.59	0.33	9.11	8.92	4.18
5	3.24	2.54	0.32	9.11	8.90	4.07
5	3.18	2.48	0.31	9.11	8.88	3.95
5	3.13	2.43	0.31	9.11	8.85	3.84
5	3.07	2.38	0.30	9.11	8.82	3.72
5	3.02	2.32	0.30	9.11	8.79	3.60
5	2.96	2.27	0.29	9.11	8.76	3.49
5	2.91	2.22	0.29	9.11	8.72	3.37
5	2.85	2.16	0.28	9.11	8.68	3.26
5	2.80	2.11	0.28	9.11	8.64	3.14
5	2.74	2.06	0.27	9.11	8.59	3.02
5	2.69	2.01	0.27	9.11	8.55	2.91
5	2.63	1.96	0.26	9.11	8.49	2.79
5	2.58	1.90	0.25	9.11	8.44	2.67
5	2.52	1.85	0.25	9.11	8.38	2.56
5	2.47	1.80	0.24	9.11	8.32	2.44

5	2.41	1.75	0.24	9.11	8.25	2.33
5	2.36	1.70	0.23	9.11	8.19	2.21
5	2.30	1.65	0.23	9.11	8.11	2.09
5	2.30	1.65	0.23	9.11	8.11	2.09
5	2.25	1.60	0.22	9.11	8.04	1.98
5	2.19	1.55	0.22	9.11	7.97	1.86
5	2.14	1.50	0.21	9.11	7.89	1.74
5	2.08	1.46	0.21	9.11	7.81	1.74
5	2.02	1.41	0.20	9.11	7.72	1.73
5	1.97	1.36	0.19	9.11	7.63	1.73
5	1.91	1.32	0.19	9.11	7.54	1.73
5	1.86	1.27	0.18	9.11	7.45	1.73
5	1.80	1.22	0.18	9.11	7.35	1.72
5	1.75	1.18	0.17	9.11	7.25	1.72
5	1.70	1.13	0.17	9.11	7.16	1.72
5	1.64	1.09	0.16	9.11	7.05	1.72
5	1.59	1.05	0.16	9.11	6.95	1.71
5	1.53	1.00	0.15	9.11	6.85	1.71
5	1.48	0.96	0.15	9.11	6.75	1.71
5	1.42	0.92	0.14	9.11	6.64	1.70
5	1.37	0.88	0.14	9.11	6.54	1.70
5	1.31	0.84	0.13	9.11	6.44	1.70
5	1.26	0.80	0.12	9.11	6.34	1.70
5	1.20	0.76	0.12	9.11	6.24	1.69
5	1.20	0.76	0.12	9.11	6.24	1.69
5	1.14	0.71	0.11	9.11	6.13	1.69
5	1.08	0.67	0.11	9.11	6.02	1.69

5	1.02	0.63	0.10	9.11	5.92	1.68
5	0.96	0.59	0.09	9.11	5.82	1.68
5	0.90	0.55	0.09	9.11	5.72	1.68
5	0.84	0.51	0.08	9.11	5.63	1.67
5	0.78	0.47	0.08	9.11	5.54	1.67
5	0.72	0.43	0.07	9.11	5.46	1.67
5	0.66	0.39	0.07	9.11	5.38	1.67
5	0.60	0.36	0.06	9.11	5.30	1.66
5	0.54	0.32	0.05	9.11	5.23	1.66
5	0.48	0.28	0.05	9.11	5.16	1.66
5	0.42	0.25	0.04	9.11	5.10	1.65
5	0.36	0.21	0.04	9.11	5.04	1.65
5	0.30	0.17	0.03	9.11	4.99	1.65
5	0.24	0.14	0.02	9.11	4.94	1.64
5	0.18	0.10	0.02	9.11	4.90	1.64
5	0.12	0.07	0.01	9.11	4.85	1.64
5	0.06	0.03	0.01	9.11	4.82	1.63
5	0.00	0.00	0.00	9.11	4.78	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	3.79	0.00	0.00	0.00	0.00	0.00
5	3.74	4.01	0.00	4.01	3.43	0.58
5	3.68	8.02	0.01	8.02	6.86	1.15
5	3.63	12.03	0.01	12.02	10.29	1.73
5	3.57	16.04	0.01	16.03	13.72	2.31
5	3.52	20.05	0.02	20.03	17.15	2.89

5	3.46	24.06	0.02	24.03	20.57	3.46
5	3.41	28.06	0.03	28.04	24.00	4.04
5	3.35	32.07	0.03	32.03	27.42	4.61
5	3.30	36.07	0.04	36.03	30.84	5.19
5	3.25	40.07	0.05	40.02	34.26	5.76
5	3.19	44.07	0.05	44.01	37.68	6.34
5	3.14	48.06	0.06	48.00	41.09	6.91
5	3.08	52.06	0.07	51.99	44.51	7.48
5	3.03	56.05	0.08	55.97	47.92	8.05
5	2.97	60.03	0.09	59.94	51.32	8.62
5	2.92	64.02	0.11	63.91	54.72	9.19
5	2.86	68.00	0.12	67.88	58.12	9.75
5	2.81	71.97	0.14	71.83	61.52	10.32
5	2.75	75.94	0.16	75.79	64.91	10.88
5	2.70	79.91	0.18	79.73	68.29	11.44
5	2.70	79.91	0.18	79.73	68.29	11.44
5	2.65	83.86	0.20	83.67	71.67	12.00
5	2.59	87.82	0.22	87.60	75.04	12.56
5	2.54	91.76	0.24	91.52	78.40	13.12
5	2.48	95.70	0.27	95.43	81.76	13.67
5	2.43	99.63	0.30	99.33	85.11	14.22
5	2.38	103.55	0.33	103.21	88.45	14.77
5	2.32	107.46	0.37	107.09	91.77	15.31
5	2.27	111.36	0.41	110.95	95.09	15.85
5	2.22	115.24	0.45	114.79	98.40	16.39
5	2.16	119.12	0.50	118.62	101.69	16.93
5	2.11	122.98	0.54	122.43	104.97	17.46

5	2.06	126.82	0.60	126.23	108.24	17.99
5	2.01	130.65	0.65	130.00	111.49	18.51
5	1.96	134.47	0.71	133.75	114.72	19.04
5	1.90	138.26	0.78	137.48	117.93	19.55
5	1.85	142.04	0.84	141.19	121.13	20.07
5	1.80	145.79	0.91	144.88	124.30	20.58
5	1.75	149.52	0.99	148.53	127.45	21.08
5	1.70	153.23	1.07	152.17	130.58	21.58
5	1.65	156.92	1.15	155.77	133.69	22.08
5	1.65	156.92	1.15	155.77	133.69	22.08
5	1.60	160.58	1.24	159.35	136.77	22.58
5	1.55	164.22	1.32	162.90	139.83	23.07
5	1.50	167.83	1.41	166.42	142.86	23.56
5	1.46	171.42	1.51	169.91	145.86	24.05
5	1.41	174.97	1.61	173.37	148.84	24.53
5	1.36	178.50	1.71	176.79	151.78	25.01
5	1.32	182.00	1.82	180.18	154.70	25.48
5	1.27	185.46	1.92	183.54	157.58	25.96
5	1.22	188.89	2.03	186.86	160.43	26.43
5	1.18	192.29	2.15	190.15	163.25	26.89
5	1.13	195.66	2.26	193.40	166.04	27.36
5	1.09	198.99	2.38	196.61	168.79	27.82
5	1.05	202.29	2.50	199.79	171.51	28.29
5	1.00	205.55	2.62	202.94	174.19	28.75
5	0.96	208.78	2.73	206.05	176.84	29.21
5	0.92	211.97	2.85	209.12	179.45	29.67
5	0.88	215.13	2.97	212.16	182.03	30.13

5	0.84	218.26	3.09	215.17	184.57	30.60
5	0.80	221.35	3.21	218.14	187.08	31.06
5	0.76	224.40	3.32	221.08	189.55	31.53
5	0.76	224.40	3.32	221.08	189.55	31.53
5	0.71	227.69	3.45	224.25	192.21	32.03
5	0.67	230.95	3.57	227.38	194.83	32.55
5	0.63	234.16	3.69	230.47	197.41	33.06
5	0.59	237.34	3.81	233.54	199.96	33.58
5	0.55	240.48	3.92	236.56	202.47	34.10
5	0.51	243.59	4.03	239.56	204.94	34.62
5	0.47	246.66	4.13	242.53	207.38	35.16
5	0.43	249.70	4.23	245.48	209.79	35.69
5	0.39	252.71	4.32	248.39	212.16	36.23
5	0.36	255.69	4.41	251.29	214.51	36.78
5	0.32	258.65	4.49	254.16	216.83	37.33
5	0.28	261.58	4.57	257.01	219.12	37.88
5	0.25	264.48	4.64	259.84	221.39	38.45
5	0.21	267.36	4.71	262.66	223.64	39.01
5	0.17	270.22	4.77	265.46	225.87	39.58
5	0.14	273.07	4.83	268.24	228.08	40.16
5	0.10	275.89	4.88	271.01	230.27	40.74
5	0.07	278.70	4.92	273.78	232.45	41.33
5	0.03	281.50	4.97	276.53	234.61	41.92
5	0.00	284.28	5.60	278.68	236.76	41.92

Time = 45. Degree of Consolidation = 26.%

Total Settlement = 0.706

Settlement at End of Primary Consolidation = 2.695

0.706 Settlement caused by Primary Consolidation at time 45. =

0.000 Settlement caused by Secondary Compression at time 45. =

Surface Elevation = 3.23

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.92	12.05	24.00	23.35	18.53
1	29.79	29.72	12.04	23.95	23.31	18.49
1	29.59	29.53	12.03	23.90	23.26	18.44
1	29.39	29.33	12.03	23.85	23.21	18.39
1	29.19	29.13	12.02	23.81	23.16	18.34
1	28.99	28.94	12.01	23.76	23.11	18.29
1	28.79	28.74	12.00	23.71	23.06	18.24
1	28.59	28.55	11.99	23.66	23.01	18.19
1	28.39	28.36	11.99	23.61	22.96	18.15
1	28.19	28.16	11.98	23.56	22.92	18.10
1	27.99	27.97	11.97	23.51	22.87	18.05
2	27.99	27.97	11.97	2.20	2.19	2.13
2	26.66	26.65	11.55	2.14	2.13	2.06
2	25.36	25.35	11.13	2.07	2.07	2.01
2	24.09	24.08	10.71	2.02	2.02	1.97
2	22.83	22.82	10.30	1.98	1.98	1.93
2	21.60	21.58	9.88	1.93	1.93	1.88

2	20.38	20.37	9.46	1.89	1.89	1.84
2	19.18	19.17	9.04	1.84	1.84	1.79
2	18.00	17.99	8.62	1.80	1.79	1.74
3	18.00	17.99	8.62	1.56	1.56	1.55
3	17.19	17.18	8.31	1.56	1.56	1.55
3	16.38	16.38	7.99	1.55	1.55	1.54
3	15.58	15.58	7.68	1.55	1.54	1.54
3	14.78	14.77	7.36	1.54	1.54	1.53
3	13.98	13.97	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.52
3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.58	6.10	1.52	1.52	1.52
3	10.79	10.79	5.78	1.52	1.52	1.51
3	10.00	10.00	5.47	1.51	1.51	1.51
4	10.00	10.00	5.47	0.85	0.85	0.85
4	8.99	8.99	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.84	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.80

***** Stresses *****

***** Pore Pressures *****

	XI	Total	Effective	Total	Static	Excess
Material	29.92	272.57	5.62	266.95	225.05	41.91
1	29.72	285.26	6.04	279.22	237.31	41.91
1	29.53	297.92	6.46	291.46	249.55	41.91
1	29.33	310.56	6.89	303.67	261.77	41.91
1	29.13	323.17	7.31	315.86	273.96	41.91
1	28.94	335.76	7.73	328.03	286.12	41.91
1	28.74	348.33	8.16	340.17	298.26	41.91
1	28.55	360.87	8.58	352.29	310.38	41.91
1	28.36	373.38	9.00	364.38	322.47	41.91
1	28.16	385.87	9.43	376.45	334.54	41.91
1	27.97	398.34	9.85	388.49	346.58	41.91
1	27.97	398.34	9.85	388.49	346.58	41.91
2	26.65	521.62	49.78	471.84	429.13	42.71
2	25.35	643.31	85.69	557.62	510.10	47.52
2	24.08	763.57	126.42	637.15	589.63	47.52
2	22.82	882.63	167.15	715.48	667.96	47.52
2	21.58	1000.55	208.68	791.87	745.15	46.72
2	20.37	1117.28	252.39	864.89	821.15	43.75
2	19.17	1232.75	295.02	937.73	895.89	41.84
2	17.99	1346.90	340.27	1006.62	969.30	37.32
2	17.99	1346.90	340.27	1006.62	969.30	37.32
3	17.18	1428.17	374.49	1053.68	1019.67	34.01
3	16.38	1509.31	405.62	1103.69	1069.90	33.79
3	15.58	1590.34	434.29	1156.05	1120.02	36.03
3	14.77	1671.26	460.87	1210.39	1170.03	40.36
3	13.97	1752.07	485.61	1266.46	1219.95	46.51
3						

3	13.18	1832.79	515.51	1317.28	1269.76	47.52
3	12.38	1913.43	546.42	1367.01	1319.49	47.52
3	11.58	1994.00	577.33	1416.67	1369.15	47.52
3	10.79	2074.49	608.23	1466.26	1418.74	47.52
3	10.00	2154.91	640.65	1514.26	1468.25	46.01
3	10.00	2154.91	640.65	1514.26	1468.25	46.01
4	8.99	2268.40	701.46	1566.94	1531.24	35.70
4	7.98	2381.73	755.22	1626.52	1594.08	32.44
4	6.97	2494.93	805.92	1689.00	1656.77	32.23
4	5.97	2607.98	855.18	1752.81	1719.33	33.47
4	4.97	2720.91	903.53	1817.38	1781.76	35.62
4	3.97	2833.70	951.03	1882.67	1844.06	38.61
4	2.98	2946.36	997.59	1948.77	1906.22	42.55
4	1.98	3058.90	1044.73	2014.17	1968.26	45.90
4	0.99	3171.30	1093.78	2077.52	2030.17	47.35
4	0.00	3283.57	1144.48	2139.09	2091.94	47.14

Time = 60. Degree of Consolidation = 11.%

Total Settlement = 0.072

Settlement at End of Primary Consolidation = 0.680

Settlement caused by Primary Consolidation at time 60. = 0.072

Settlement caused by Secondary Compression at time 60. = 0.000

*****Current Conditions in Dredged Fill*****

***** Coordinates *****

***** Void Ratios *****

Material	A	XI	Z	Einitial	E	Eeop
5	4.50	3.61	0.45	9.11	9.11	9.11
5	4.45	3.55	0.44	9.11	9.09	8.61
5	4.39	3.50	0.43	9.11	9.07	8.11
5	4.34	3.44	0.43	9.11	9.05	7.60
5	4.28	3.39	0.42	9.11	9.03	7.10
5	4.23	3.33	0.42	9.11	9.01	6.60
5	4.17	3.28	0.41	9.11	8.99	6.10
5	4.12	3.22	0.41	9.11	8.97	5.60
5	4.06	3.17	0.40	9.11	8.95	5.10
5	4.01	3.12	0.40	9.11	8.93	4.79
5	3.95	3.06	0.39	9.11	8.90	4.78
5	3.90	3.01	0.39	9.11	8.88	4.78
5	3.84	2.95	0.38	9.11	8.86	4.77
5	3.79	2.90	0.37	9.11	8.83	4.76
5	3.73	2.85	0.37	9.11	8.80	4.76
5	3.68	2.79	0.36	9.11	8.77	4.75
5	3.62	2.74	0.36	9.11	8.74	4.75
5	3.57	2.69	0.35	9.11	8.71	4.74
5	3.51	2.64	0.35	9.11	8.67	4.65
5	3.46	2.58	0.34	9.11	8.64	4.53
5	3.40	2.53	0.34	9.11	8.60	4.42
5	3.40	2.53	0.34	9.11	8.60	4.42
5	3.35	2.48	0.33	9.11	8.56	4.30
5	3.29	2.43	0.33	9.11	8.52	4.18
5	3.24	2.38	0.32	9.11	8.47	4.07
5	3.18	2.32	0.31	9.11	8.43	3.95

5	3.13	2.27	0.31	9.11	8.38	3.84
5	3.07	2.22	0.30	9.11	8.32	3.72
5	3.02	2.17	0.30	9.11	8.27	3.60
5	2.96	2.12	0.29	9.11	8.21	3.49
5	2.91	2.07	0.29	9.11	8.15	3.37
5	2.85	2.02	0.28	9.11	8.09	3.26
5	2.80	1.97	0.28	9.11	8.03	3.14
5	2.74	1.92	0.27	9.11	7.96	3.02
5	2.69	1.87	0.27	9.11	7.89	2.91
5	2.63	1.83	0.26	9.11	7.82	2.79
5	2.58	1.78	0.25	9.11	7.75	2.67
5	2.52	1.73	0.25	9.11	7.67	2.56
5	2.47	1.68	0.24	9.11	7.59	2.44
5	2.41	1.64	0.24	9.11	7.51	2.33
5	2.36	1.59	0.23	9.11	7.43	2.21
5	2.30	1.55	0.23	9.11	7.35	2.09
5	2.30	1.55	0.23	9.11	7.35	2.09
5	2.25	1.50	0.22	9.11	7.27	1.98
5	2.19	1.46	0.22	9.11	7.18	1.86
5	2.14	1.41	0.21	9.11	7.10	1.74
5	2.08	1.37	0.21	9.11	7.01	1.74
5	2.02	1.32	0.20	9.11	6.93	1.73
5	1.97	1.28	0.19	9.11	6.84	1.73
5	1.91	1.24	0.19	9.11	6.75	1.73
5	1.86	1.20	0.18	9.11	6.67	1.73
5	1.80	1.16	0.18	9.11	6.58	1.72
5	1.75	1.11	0.17	9.11	6.50	1.72

5	1.70	1.07	0.17	9.11	6.41	1.72
5	1.64	1.03	0.16	9.11	6.33	1.72
5	1.59	0.99	0.16	9.11	6.24	1.71
5	1.53	0.96	0.15	9.11	6.16	1.71
5	1.48	0.92	0.15	9.11	6.08	1.71
5	1.42	0.88	0.14	9.11	6.00	1.70
5	1.37	0.84	0.14	9.11	5.93	1.70
5	1.31	0.80	0.13	9.11	5.85	1.70
5	1.26	0.77	0.12	9.11	5.78	1.70
5	1.20	0.73	0.12	9.11	5.71	1.69
5	1.20	0.73	0.12	9.11	5.71	1.69
5	1.14	0.69	0.11	9.11	5.63	1.69
5	1.08	0.65	0.11	9.11	5.56	1.69
5	1.02	0.61	0.10	9.11	5.49	1.68
5	0.96	0.57	0.09	9.11	5.42	1.68
5	0.90	0.54	0.09	9.11	5.36	1.68
5	0.84	0.50	0.08	9.11	5.30	1.67
5	0.78	0.46	0.08	9.11	5.24	1.67
5	0.72	0.42	0.07	9.11	5.19	1.67
5	0.66	0.39	0.07	9.11	5.14	1.67
5	0.60	0.35	0.06	9.11	5.09	1.66
5	0.54	0.32	0.05	9.11	5.05	1.66
5	0.48	0.28	0.05	9.11	5.01	1.66
5	0.42	0.24	0.04	9.11	4.97	1.65
5	0.36	0.21	0.04	9.11	4.93	1.65
5	0.30	0.17	0.03	9.11	4.90	1.65
5	0.24	0.14	0.02	9.11	4.87	1.64

5	0.18	0.10	0.02	9.11	4.85	1.64
5	0.12	0.07	0.01	9.11	4.82	1.64
5	0.06	0.03	0.01	9.11	4.80	1.63
5	0.00	0.00	0.00	9.11	4.78	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	3.61	0.00	0.00	0.00	0.00	0.00
5	3.55	4.01	0.02	3.98	3.43	0.56
5	3.50	8.01	0.05	7.96	6.85	1.11
5	3.44	12.01	0.07	11.93	10.26	1.67
5	3.39	15.99	0.09	15.90	13.67	2.23
5	3.33	19.98	0.12	19.86	17.07	2.79
5	3.28	23.95	0.14	23.81	20.47	3.35
5	3.22	27.92	0.16	27.76	23.85	3.90
5	3.17	31.88	0.19	31.70	27.24	4.46
5	3.12	35.84	0.21	35.62	30.61	5.02
5	3.06	39.78	0.24	39.55	33.98	5.57
5	3.01	43.72	0.26	43.46	37.33	6.12
5	2.95	47.65	0.29	47.36	40.68	6.68
5	2.90	51.58	0.32	51.25	44.02	7.23
5	2.85	55.49	0.36	55.13	47.36	7.78
5	2.79	59.39	0.39	59.00	50.68	8.32
5	2.74	63.29	0.43	62.86	53.99	8.87
5	2.69	67.17	0.46	66.70	57.29	9.41
5	2.64	71.04	0.50	70.53	60.58	9.95
5	2.58	74.90	0.55	74.35	63.86	10.49

5	2.53	78.74	0.59	78.15	67.13	11.02
5	2.53	78.74	0.59	78.15	67.13	11.02
5	2.48	82.58	0.64	81.94	70.38	11.56
5	2.43	86.39	0.69	85.71	73.62	12.09
5	2.38	90.20	0.74	89.46	76.84	12.62
5	2.32	93.99	0.79	93.19	80.05	13.15
5	2.27	97.76	0.85	96.91	83.24	13.67
5	2.22	101.51	0.91	100.61	86.41	14.19
5	2.17	105.25	0.97	104.28	89.57	14.71
5	2.12	108.97	1.04	107.93	92.71	15.23
5	2.07	112.67	1.11	111.56	95.82	15.74
5	2.02	116.35	1.18	115.17	98.92	16.25
5	1.97	120.00	1.25	118.75	102.00	16.75
5	1.92	123.64	1.33	122.31	105.05	17.26
5	1.87	127.25	1.41	125.84	108.08	17.76
5	1.83	130.83	1.49	129.34	111.09	18.26
5	1.78	134.40	1.58	132.82	114.07	18.75
5	1.73	137.93	1.67	136.27	117.03	19.24
5	1.68	141.45	1.76	139.69	119.96	19.74
5	1.64	144.93	1.85	143.08	122.86	20.22
5	1.59	148.39	1.94	146.45	125.74	20.71
5	1.55	151.82	2.04	149.78	128.58	21.20
5	1.55	151.82	2.04	149.78	128.58	21.20
5	1.50	155.22	2.13	153.09	131.41	21.68
5	1.46	158.59	2.23	156.36	134.20	22.17
5	1.41	161.94	2.33	159.61	136.96	22.65
5	1.37	165.25	2.43	162.83	139.70	23.13

5	1.32	168.54	2.53	166.01	142.40	23.61
5	1.28	171.80	2.63	169.17	145.08	24.09
5	1.24	175.02	2.73	172.30	147.73	24.57
5	1.20	178.22	2.83	175.40	150.34	25.05
5	1.16	181.39	2.93	178.47	152.93	25.53
5	1.11	184.53	3.03	181.51	155.49	26.02
5	1.07	187.64	3.12	184.52	158.02	26.50
5	1.03	190.73	3.22	187.50	160.52	26.98
5	0.99	193.78	3.32	190.46	162.99	27.47
5	0.96	196.80	3.41	193.39	165.44	27.95
5	0.92	199.80	3.51	196.30	167.86	28.44
5	0.88	202.77	3.60	199.18	170.25	28.93
5	0.84	205.72	3.69	202.03	172.61	29.42
5	0.80	208.64	3.77	204.86	174.95	29.92
5	0.77	211.53	3.86	207.67	177.26	30.41
5	0.73	214.40	3.94	210.46	179.55	30.91
5	0.73	214.40	3.94	210.46	179.55	30.91
5	0.69	217.50	4.03	213.48	182.02	31.46
5	0.65	220.58	4.11	216.47	184.46	32.01
5	0.61	223.63	4.19	219.44	186.88	32.56
5	0.57	226.65	4.27	222.38	189.27	33.11
5	0.54	229.65	4.34	225.31	191.63	33.67
5	0.50	232.63	4.41	228.21	193.98	34.24
5	0.46	235.58	4.48	231.10	196.30	34.81
5	0.42	238.52	4.54	233.98	198.60	35.38
5	0.39	241.43	4.60	236.83	200.88	35.95
5	0.35	244.33	4.65	239.68	203.14	36.53

5	0.32	247.21	4.70	242.51	205.39	37.12
5	0.28	250.08	4.75	245.33	207.62	37.70
5	0.24	252.93	4.79	248.14	209.84	38.29
5	0.21	255.77	4.83	250.93	212.05	38.89
5	0.17	258.59	4.87	253.72	214.24	39.49
5	0.14	261.41	4.90	256.50	216.42	40.09
5	0.10	264.21	4.93	259.28	218.59	40.69
5	0.07	267.00	4.96	262.05	220.75	41.30
5	0.03	269.79	4.98	264.81	222.90	41.90
5	0.00	272.57	5.62	266.95	225.05	41.91

Time = 60. Degree of Consolidation = 33.%

Total Settlement = 0.893

Settlement at End of Primary Consolidation = 2.695

Settlement caused by Primary Consolidation at time 60. = 0.893

Settlement caused by Secondary Compression at time 60. = 0.000

Surface Elevation = 3.03

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.92	12.05	24.00	23.35	18.53
1	29.79	29.72	12.04	23.95	23.30	18.49
1	29.59	29.52	12.03	23.90	23.26	18.44
1	29.39	29.33	12.03	23.85	23.21	18.39

1	29.19	29.13	12.02	23.81	23.16	18.34
1	28.99	28.94	12.01	23.76	23.11	18.29
1	28.79	28.74	12.00	23.71	23.06	18.24
1	28.59	28.55	11.99	23.66	23.01	18.19
1	28.39	28.35	11.99	23.61	22.96	18.15
1	28.19	28.16	11.98	23.56	22.91	18.10
1	27.99	27.97	11.97	23.51	22.87	18.05
2	27.99	27.97	11.97	2.20	2.19	2.13
2	26.66	26.65	11.55	2.14	2.13	2.06
2	25.36	25.35	11.13	2.07	2.07	2.01
2	24.09	24.07	10.71	2.02	2.02	1.97
2	22.83	22.82	10.30	1.98	1.98	1.93
2	21.60	21.58	9.88	1.93	1.93	1.88
2	20.38	20.36	9.46	1.89	1.89	1.84
2	19.18	19.17	9.04	1.84	1.84	1.79
2	18.00	17.99	8.62	1.80	1.78	1.74
3	18.00	17.99	8.62	1.56	1.56	1.55
3	17.19	17.18	8.31	1.56	1.55	1.55
3	16.38	16.38	7.99	1.55	1.55	1.54
3	15.58	15.57	7.68	1.55	1.54	1.54
3	14.78	14.77	7.36	1.54	1.54	1.53
3	13.98	13.97	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.52
3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.58	6.10	1.52	1.52	1.52
3	10.79	10.79	5.78	1.52	1.52	1.51
3	10.00	9.99	5.47	1.51	1.51	1.51

4	10.00	9.99	5.47	0.85	0.85	0.85
4	8.99	8.98	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.84	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.80

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.92	262.06	5.63	256.44	214.54	41.90
1	29.72	274.75	6.05	268.70	226.81	41.90
1	29.52	287.41	6.47	280.94	239.04	41.90
1	29.33	300.05	6.90	293.15	251.26	41.90
1	29.13	312.66	7.32	305.34	263.45	41.90
1	28.94	325.25	7.74	317.51	275.61	41.90
1	28.74	337.82	8.17	329.65	287.75	41.90
1	28.55	350.35	8.59	341.77	299.87	41.90
1	28.35	362.87	9.01	353.86	311.96	41.90
1	28.16	375.36	9.44	365.92	324.03	41.90
1	27.97	387.83	9.86	377.97	336.07	41.90
1	27.97	387.83	9.86	377.97	336.07	41.90
2	26.65	511.09	50.00	461.10	418.61	42.49

2	25.35	632.79	85.69	547.09	499.57	47.52
2	24.07	753.05	126.42	626.62	579.10	47.52
2	22.82	872.11	167.15	704.95	657.43	47.52
2	21.58	990.02	209.09	780.93	734.62	46.32
2	20.36	1106.73	253.26	853.47	810.60	42.87
2	19.17	1222.17	296.31	925.86	885.31	40.55
2	17.99	1336.27	341.44	994.84	958.68	36.16
2	17.99	1336.27	341.44	994.84	958.68	36.16
3	17.18	1417.54	375.54	1042.01	1009.04	32.97
3	16.38	1498.68	406.50	1092.18	1059.27	32.91
3	15.57	1579.71	434.96	1144.75	1109.39	35.35
3	14.77	1660.62	461.31	1199.31	1159.40	39.91
3	13.97	1741.44	485.84	1255.60	1209.31	46.29
3	13.18	1822.16	515.51	1306.64	1259.12	47.52
3	12.38	1902.80	546.42	1356.38	1308.85	47.52
3	11.58	1983.36	577.33	1406.03	1358.51	47.52
3	10.79	2063.85	608.30	1455.55	1408.10	47.46
3	9.99	2144.27	640.95	1503.33	1457.61	45.72
3	9.99	2144.27	640.95	1503.33	1457.61	45.72
4	8.98	2257.76	703.28	1554.48	1520.60	33.88
4	7.98	2371.09	757.89	1613.20	1583.43	29.77
4	6.97	2484.27	808.86	1675.41	1646.12	29.30
4	5.97	2597.32	857.96	1739.36	1708.67	30.69
4	4.97	2710.24	905.89	1804.35	1771.09	33.26
4	3.97	2823.02	952.85	1870.18	1833.38	36.80
4	2.98	2935.68	998.84	1936.85	1895.54	41.30
4	1.98	3048.22	1045.50	2002.72	1957.58	45.14

4	0.99	3160.62	1094.22	2066.40	2019.49	46.92
4	0.00	3272.89	1144.80	2128.09	2081.26	46.83

Time = 75. Degree of Consolidation = 11.%

Total Settlement = 0.075

Settlement at End of Primary Consolidation = 0.680

Settlement caused by Primary Consolidation at time 75. = 0.075

Settlement caused by Secondary Compression at time 75. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	4.50	3.44	0.45	9.11	9.11	9.11
5	4.45	3.38	0.44	9.11	9.05	8.61
5	4.39	3.33	0.43	9.11	9.00	8.11
5	4.34	3.27	0.43	9.11	8.95	7.60
5	4.28	3.22	0.42	9.11	8.90	7.10
5	4.23	3.17	0.42	9.11	8.85	6.60
5	4.17	3.11	0.41	9.11	8.81	6.10
5	4.12	3.06	0.41	9.11	8.76	5.60
5	4.06	3.01	0.40	9.11	8.72	5.10
5	4.01	2.95	0.40	9.11	8.67	4.79
5	3.95	2.90	0.39	9.11	8.62	4.78
5	3.90	2.85	0.39	9.11	8.58	4.78
5	3.84	2.80	0.38	9.11	8.53	4.77

5	3.79	2.75	0.37	9.11	8.48	4.76
5	3.73	2.69	0.37	9.11	8.43	4.76
5	3.68	2.64	0.36	9.11	8.38	4.75
5	3.62	2.59	0.36	9.11	8.33	4.75
5	3.57	2.54	0.35	9.11	8.28	4.74
5	3.51	2.49	0.35	9.11	8.22	4.65
5	3.46	2.44	0.34	9.11	8.16	4.53
5	3.40	2.39	0.34	9.11	8.11	4.42
5	3.40	2.39	0.34	9.11	8.11	4.42
5	3.35	2.34	0.33	9.11	8.05	4.30
5	3.29	2.29	0.33	9.11	7.99	4.18
5	3.24	2.24	0.32	9.11	7.93	4.07
5	3.18	2.20	0.31	9.11	7.86	3.95
5	3.13	2.15	0.31	9.11	7.80	3.84
5	3.07	2.10	0.30	9.11	7.73	3.72
5	3.02	2.05	0.30	9.11	7.66	3.60
5	2.96	2.01	0.29	9.11	7.60	3.49
5	2.91	1.96	0.29	9.11	7.52	3.37
5	2.85	1.91	0.28	9.11	7.45	3.26
5	2.80	1.87	0.28	9.11	7.38	3.14
5	2.74	1.82	0.27	9.11	7.31	3.02
5	2.69	1.78	0.27	9.11	7.23	2.91
5	2.63	1.73	0.26	9.11	7.16	2.79
5	2.58	1.69	0.25	9.11	7.08	2.67
5	2.52	1.64	0.25	9.11	7.00	2.56
5	2.47	1.60	0.24	9.11	6.93	2.44
5	2.41	1.56	0.24	9.11	6.85	2.33

5	2.36	1.52	0.23	9.11	6.77	2.21
5	2.30	1.47	0.23	9.11	6.69	2.09
5	2.30	1.47	0.23	9.11	6.69	2.09
5	2.25	1.43	0.22	9.11	6.62	1.98
5	2.19	1.39	0.22	9.11	6.54	1.86
5	2.14	1.35	0.21	9.11	6.47	1.74
5	2.08	1.31	0.21	9.11	6.39	1.74
5	2.02	1.27	0.20	9.11	6.32	1.73
5	1.97	1.23	0.19	9.11	6.24	1.73
5	1.91	1.19	0.19	9.11	6.17	1.73
5	1.86	1.15	0.18	9.11	6.10	1.73
5	1.80	1.11	0.18	9.11	6.03	1.72
5	1.75	1.08	0.17	9.11	5.96	1.72
5	1.70	1.04	0.17	9.11	5.90	1.72
5	1.64	1.00	0.16	9.11	5.83	1.72
5	1.59	0.96	0.16	9.11	5.77	1.71
5	1.53	0.93	0.15	9.11	5.71	1.71
5	1.48	0.89	0.15	9.11	5.65	1.71
5	1.42	0.85	0.14	9.11	5.59	1.70
5	1.37	0.82	0.14	9.11	5.54	1.70
5	1.31	0.78	0.13	9.11	5.49	1.70
5	1.26	0.75	0.12	9.11	5.43	1.70
5	1.20	0.71	0.12	9.11	5.39	1.69
5	1.20	0.71	0.12	9.11	5.39	1.69
5	1.14	0.68	0.11	9.11	5.33	1.69
5	1.08	0.64	0.11	9.11	5.28	1.69
5	1.02	0.60	0.10	9.11	5.24	1.68

5	0.96	0.56	0.09	9.11	5.19	1.68
5	0.90	0.53	0.09	9.11	5.15	1.68
5	0.84	0.49	0.08	9.11	5.11	1.67
5	0.78	0.46	0.08	9.11	5.07	1.67
5	0.72	0.42	0.07	9.11	5.04	1.67
5	0.66	0.38	0.07	9.11	5.01	1.67
5	0.60	0.35	0.06	9.11	4.98	1.66
5	0.54	0.31	0.05	9.11	4.95	1.66
5	0.48	0.28	0.05	9.11	4.92	1.66
5	0.42	0.24	0.04	9.11	4.90	1.65
5	0.36	0.21	0.04	9.11	4.88	1.65
5	0.30	0.17	0.03	9.11	4.86	1.65
5	0.24	0.14	0.02	9.11	4.84	1.64
5	0.18	0.10	0.02	9.11	4.82	1.64
5	0.12	0.07	0.01	9.11	4.81	1.64
5	0.06	0.03	0.01	9.11	4.80	1.63
5	0.00	0.00	0.00	9.11	4.78	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	3.44	0.00	0.00	0.00	0.00	0.00
5	3.38	4.00	0.06	3.94	3.42	0.52
5	3.33	7.99	0.13	7.86	6.83	1.04
5	3.27	11.96	0.18	11.77	10.21	1.56
5	3.22	15.91	0.24	15.67	13.58	2.08
5	3.17	19.84	0.30	19.55	16.94	2.61
5	3.11	23.76	0.35	23.41	20.27	3.14

5	3.06	27.66	0.40	27.26	23.60	3.66
5	3.01	31.55	0.46	31.09	26.90	4.19
5	2.95	35.42	0.51	34.91	30.19	4.72
5	2.90	39.28	0.56	38.71	33.47	5.25
5	2.85	43.12	0.62	42.50	36.73	5.77
5	2.80	46.94	0.67	46.27	39.97	6.30
5	2.75	50.75	0.73	50.02	43.20	6.82
5	2.69	54.54	0.79	53.75	46.41	7.35
5	2.64	58.31	0.84	57.47	49.60	7.87
5	2.59	62.07	0.90	61.16	52.77	8.39
5	2.54	65.81	0.97	64.84	55.93	8.91
5	2.49	69.53	1.03	68.50	59.07	9.43
5	2.44	73.23	1.10	72.13	62.19	9.94
5	2.39	76.91	1.16	75.75	65.29	10.45
5	2.39	76.91	1.16	75.75	65.29	10.45
5	2.34	80.57	1.23	79.34	68.37	10.97
5	2.29	84.21	1.30	82.91	71.44	11.48
5	2.24	87.84	1.37	86.47	74.48	11.99
5	2.20	91.44	1.44	89.99	77.50	12.50
5	2.15	95.01	1.52	93.50	80.49	13.00
5	2.10	98.57	1.59	96.98	83.47	13.51
5	2.05	102.10	1.67	100.43	86.42	14.01
5	2.01	105.61	1.75	103.86	89.35	14.51
5	1.96	109.10	1.83	107.27	92.26	15.01
5	1.91	112.56	1.92	110.65	95.14	15.51
5	1.87	116.00	2.00	114.00	98.00	16.00
5	1.82	119.42	2.09	117.33	100.83	16.50

5	1.78	122.80	2.17	120.63	103.64	16.99
5	1.73	126.17	2.26	123.90	106.42	17.49
5	1.69	129.50	2.35	127.15	109.17	17.98
5	1.64	132.81	2.44	130.37	111.90	18.47
5	1.60	136.10	2.53	133.57	114.61	18.96
5	1.56	139.36	2.62	136.74	117.28	19.45
5	1.52	142.59	2.71	139.88	119.94	19.95
5	1.47	145.79	2.80	143.00	122.56	20.44
5	1.47	145.79	2.80	143.00	122.56	20.44
5	1.43	148.97	2.88	146.09	125.16	20.93
5	1.39	152.13	2.97	149.15	127.73	21.42
5	1.35	155.26	3.06	152.19	130.28	21.91
5	1.31	158.36	3.15	155.21	132.80	22.41
5	1.27	161.43	3.23	158.20	135.30	22.90
5	1.23	164.49	3.32	161.17	137.77	23.40
5	1.19	167.51	3.40	164.11	140.21	23.90
5	1.15	170.52	3.48	167.03	142.64	24.40
5	1.11	173.50	3.56	169.93	145.03	24.90
5	1.08	176.45	3.64	172.81	147.41	25.40
5	1.04	179.38	3.72	175.67	149.76	25.90
5	1.00	182.30	3.79	178.50	152.09	26.41
5	0.96	185.18	3.87	181.32	154.40	26.92
5	0.93	188.05	3.94	184.12	156.69	27.43
5	0.89	190.90	4.00	186.90	158.96	27.94
5	0.85	193.73	4.07	189.66	161.20	28.46
5	0.82	196.54	4.13	192.41	163.43	28.97
5	0.78	199.33	4.20	195.14	165.64	29.49

5	0.75	202.10	4.25	197.85	167.84	30.02
5	0.71	204.86	4.31	200.55	170.01	30.54
5	0.71	204.86	4.31	200.55	170.01	30.54
5	0.68	207.85	4.37	203.48	172.37	31.11
5	0.64	210.82	4.43	206.39	174.70	31.69
5	0.60	213.77	4.48	209.29	177.02	32.27
5	0.56	216.71	4.54	212.17	179.32	32.85
5	0.53	219.62	4.59	215.04	181.61	33.43
5	0.49	222.53	4.63	217.90	183.88	34.02
5	0.46	225.42	4.67	220.74	186.13	34.61
5	0.42	228.29	4.71	223.58	188.37	35.21
5	0.38	231.16	4.75	226.40	190.60	35.80
5	0.35	234.01	4.79	229.22	192.82	36.40
5	0.31	236.85	4.82	232.03	195.03	37.00
5	0.28	239.68	4.85	234.83	197.23	37.61
5	0.24	242.50	4.87	237.63	199.42	38.21
5	0.21	245.32	4.90	240.42	201.60	38.82
5	0.17	248.12	4.92	243.20	203.77	39.43
5	0.14	250.92	4.94	245.98	205.94	40.05
5	0.10	253.72	4.96	248.76	208.10	40.66
5	0.07	256.50	4.98	251.53	210.25	41.28
5	0.03	259.29	4.99	254.29	212.40	41.90
5	0.00	262.06	5.63	256.44	214.54	41.90

Time = 75. Degree of Consolidation = 39.%

Total Settlement = 1.062

Settlement at End of Primary Consolidation = 2.695

1.062 Settlement caused by Primary Consolidation at time 75. =

0.000 Settlement caused by Secondary Compression at time 75. =

Surface Elevation = 2.86

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.89	12.05	24.00	23.19	18.53
1	29.79	29.70	12.04	23.95	23.14	18.49
1	29.59	29.50	12.03	23.90	23.09	18.44
1	29.39	29.31	12.03	23.85	23.04	18.39
1	29.19	29.12	12.02	23.81	23.00	18.34
1	28.99	28.92	12.01	23.76	22.95	18.29
1	28.79	28.73	12.00	23.71	22.90	18.24
1	28.59	28.54	11.99	23.66	22.85	18.19
1	28.39	28.34	11.99	23.61	22.80	18.15
1	28.19	28.15	11.98	23.56	22.76	18.10
1	27.99	27.96	11.97	23.51	22.71	18.05
2	27.99	27.96	11.97	2.20	2.19	2.13
2	26.66	26.64	11.55	2.14	2.13	2.06
2	25.36	25.34	11.13	2.07	2.07	2.01
2	24.09	24.07	10.71	2.02	2.02	1.97
2	22.83	22.81	10.30	1.98	1.98	1.93
2	21.60	21.57	9.88	1.93	1.93	1.88

2	20.38	20.36	9.46	1.89	1.88	1.84
2	19.18	19.16	9.04	1.84	1.83	1.79
2	18.00	17.99	8.62	1.80	1.78	1.74
3	18.00	17.99	8.62	1.56	1.56	1.55
3	17.19	17.18	8.31	1.56	1.55	1.55
3	16.38	16.38	7.99	1.55	1.55	1.54
3	15.58	15.57	7.68	1.55	1.54	1.54
3	14.78	14.77	7.36	1.54	1.54	1.53
3	13.98	13.97	7.05	1.53	1.53	1.53
3	13.18	13.17	6.73	1.53	1.53	1.52
3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.58	6.10	1.52	1.52	1.52
3	10.79	10.79	5.78	1.52	1.52	1.51
3	10.00	9.99	5.47	1.51	1.51	1.51
4	10.00	9.99	5.47	0.85	0.85	0.85
4	8.99	8.98	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.83	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.80

***** Stresses *****

***** Pore Pressures *****

	XI	Total	Effective	Total	Static	Excess
Material	29.89	239.81	7.07	232.74	192.29	40.46
1	29.70	252.41	7.48	244.93	204.47	40.47
1	29.50	264.99	7.89	257.10	216.62	40.48
1	29.31	277.55	8.31	269.24	228.75	40.48
1	29.12	290.08	8.73	281.35	240.86	40.49
1	28.92	302.58	9.14	293.44	252.95	40.50
1	28.73	315.07	9.56	305.51	265.00	40.50
1	28.54	327.53	9.98	317.55	277.04	40.51
1	28.34	339.96	10.40	329.56	289.05	40.51
1	28.15	352.37	10.82	341.55	301.04	40.51
1	27.96	364.76	11.25	353.51	313.00	40.51
1	27.96	364.76	11.25	353.51	313.00	40.51
2	26.64	487.99	50.39	437.60	395.50	42.09
2	25.34	609.68	85.69	523.98	476.46	47.52
2	24.07	729.94	126.42	603.51	555.99	47.52
2	22.81	848.99	167.52	681.47	634.32	47.15
2	21.57	966.88	210.46	756.43	711.48	44.95
2	20.36	1083.54	255.71	827.83	787.40	40.43
2	19.16	1198.89	299.50	899.39	862.02	37.36
2	17.99	1312.90	344.08	968.82	935.31	33.52
2	17.99	1312.90	344.08	968.82	935.31	33.52
3	17.18	1394.16	377.73	1016.43	985.66	30.77
3	16.38	1475.29	408.24	1067.05	1035.88	31.17
3	15.57	1556.31	436.24	1120.07	1085.99	34.07
3	14.77	1637.22	462.15	1175.07	1136.00	39.08
3	13.97	1718.03	486.24	1231.80	1185.91	45.89

3	13.17	1798.75	515.51	1283.24	1235.72	47.52
3	12.38	1879.39	546.42	1332.97	1285.45	47.52
3	11.58	1959.96	577.33	1382.63	1335.11	47.52
3	10.79	2040.45	608.77	1431.68	1384.69	46.99
3	9.99	2120.87	641.93	1478.94	1434.20	44.73
4	9.99	2120.87	641.93	1478.94	1434.20	44.73
4	8.98	2234.34	707.69	1526.65	1497.19	29.47
4	7.98	2347.66	764.28	1583.38	1560.00	23.38
4	6.97	2460.82	815.98	1644.84	1622.67	22.17
4	5.97	2573.85	864.88	1708.98	1685.20	23.77
4	4.97	2686.75	911.97	1774.78	1747.61	27.18
4	3.97	2799.52	957.77	1841.75	1809.88	31.87
4	2.98	2912.17	1002.64	1909.53	1872.03	37.50
4	1.98	3024.70	1048.38	1976.31	1934.06	42.25
4	0.99	3137.09	1096.45	2040.64	1995.96	44.68
4	0.00	3249.35	1146.77	2102.58	2057.73	44.86

Time = 120. Degree of Consolidation = 14.%

Total Settlement = 0.095

Settlement at End of Primary Consolidation = 0.680

Settlement caused by Primary Consolidation at time 120. = 0.095

Settlement caused by Secondary Compression at time 120. = 0.000

*****Current Conditions in Dredged Fill*****

***** Coordinates *****

***** Void Ratios *****

	A	XI	Z	Einitial	E	Eeop
Material	4.50	3.08	0.45	9.11	9.11	9.11
5	4.45	3.03	0.44	9.11	8.92	8.61
5	4.39	2.97	0.43	9.11	8.74	8.11
5	4.34	2.92	0.43	9.11	8.57	7.60
5	4.28	2.87	0.42	9.11	8.41	7.10
5	4.23	2.82	0.42	9.11	8.26	6.60
5	4.17	2.77	0.41	9.11	8.12	6.10
5	4.12	2.72	0.41	9.11	7.98	5.60
5	4.06	2.67	0.40	9.11	7.85	5.10
5	4.01	2.62	0.40	9.11	7.73	4.79
5	3.95	2.58	0.39	9.11	7.61	4.78
5	3.90	2.53	0.39	9.11	7.50	4.78
5	3.84	2.48	0.38	9.11	7.39	4.77
5	3.79	2.44	0.37	9.11	7.29	4.76
5	3.73	2.39	0.37	9.11	7.19	4.76
5	3.68	2.35	0.36	9.11	7.10	4.75
5	3.62	2.31	0.36	9.11	7.01	4.75
5	3.57	2.26	0.35	9.11	6.92	4.74
5	3.51	2.22	0.35	9.11	6.84	4.65
5	3.46	2.18	0.34	9.11	6.76	4.53
5	3.40	2.13	0.34	9.11	6.68	4.42
5	3.40	2.13	0.34	9.11	6.68	4.42
5	3.35	2.09	0.33	9.11	6.60	4.30
5	3.29	2.05	0.33	9.11	6.53	4.18
5	3.24	2.01	0.32	9.11	6.45	4.07
5	3.18	1.97	0.31	9.11	6.38	3.95

5	3.13	1.93	0.31	9.11	6.32	3.84
5	3.07	1.89	0.30	9.11	6.25	3.72
5	3.02	1.85	0.30	9.11	6.19	3.60
5	2.96	1.81	0.29	9.11	6.12	3.49
5	2.91	1.77	0.29	9.11	6.06	3.37
5	2.85	1.74	0.28	9.11	6.01	3.26
5	2.80	1.70	0.28	9.11	5.95	3.14
5	2.74	1.66	0.27	9.11	5.90	3.02
5	2.69	1.62	0.27	9.11	5.84	2.91
5	2.63	1.59	0.26	9.11	5.79	2.79
5	2.58	1.55	0.25	9.11	5.74	2.67
5	2.52	1.51	0.25	9.11	5.70	2.56
5	2.47	1.48	0.24	9.11	5.65	2.44
5	2.41	1.44	0.24	9.11	5.61	2.33
5	2.36	1.40	0.23	9.11	5.56	2.21
5	2.30	1.37	0.23	9.11	5.52	2.09
5	2.30	1.37	0.23	9.11	5.52	2.09
5	2.25	1.33	0.22	9.11	5.48	1.98
5	2.19	1.30	0.22	9.11	5.44	1.86
5	2.14	1.26	0.21	9.11	5.40	1.74
5	2.08	1.23	0.21	9.11	5.37	1.74
5	2.02	1.19	0.20	9.11	5.33	1.73
5	1.97	1.16	0.19	9.11	5.30	1.73
5	1.91	1.13	0.19	9.11	5.27	1.73
5	1.86	1.09	0.18	9.11	5.24	1.73
5	1.80	1.06	0.18	9.11	5.21	1.72
5	1.75	1.02	0.17	9.11	5.18	1.72

5	1.70	0.99	0.17	9.11	5.15	1.72
5	1.64	0.96	0.16	9.11	5.13	1.72
5	1.59	0.92	0.16	9.11	5.10	1.71
5	1.53	0.89	0.15	9.11	5.08	1.71
5	1.48	0.86	0.15	9.11	5.06	1.71
5	1.42	0.82	0.14	9.11	5.04	1.70
5	1.37	0.79	0.14	9.11	5.02	1.70
5	1.31	0.76	0.13	9.11	5.00	1.70
5	1.26	0.73	0.12	9.11	4.98	1.70
5	1.20	0.69	0.12	9.11	4.97	1.69
5	1.20	0.69	0.12	9.11	4.97	1.69
5	1.14	0.66	0.11	9.11	4.95	1.69
5	1.08	0.62	0.11	9.11	4.93	1.69
5	1.02	0.59	0.10	9.11	4.92	1.68
5	0.96	0.55	0.09	9.11	4.90	1.68
5	0.90	0.52	0.09	9.11	4.89	1.68
5	0.84	0.48	0.08	9.11	4.88	1.67
5	0.78	0.45	0.08	9.11	4.86	1.67
5	0.72	0.41	0.07	9.11	4.85	1.67
5	0.66	0.38	0.07	9.11	4.84	1.67
5	0.60	0.34	0.06	9.11	4.83	1.66
5	0.54	0.31	0.05	9.11	4.83	1.66
5	0.48	0.27	0.05	9.11	4.82	1.66
5	0.42	0.24	0.04	9.11	4.81	1.65
5	0.36	0.21	0.04	9.11	4.80	1.65
5	0.30	0.17	0.03	9.11	4.80	1.65
5	0.24	0.14	0.02	9.11	4.79	1.64

5	0.18	0.10	0.02	9.11	4.79	1.64
5	0.12	0.07	0.01	9.11	4.78	1.64
5	0.06	0.03	0.01	9.11	4.77	1.63
5	0.00	0.00	0.00	9.11	4.77	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	3.08	0.00	0.00	0.00	0.00	0.00
5	3.03	3.98	0.22	3.76	3.40	0.36
5	2.97	7.90	0.43	7.47	6.74	0.73
5	2.92	11.76	0.62	11.13	10.01	1.12
5	2.87	15.56	0.81	14.75	13.24	1.51
5	2.82	19.31	0.98	18.33	16.40	1.92
5	2.77	23.01	1.15	21.86	19.52	2.34
5	2.72	26.66	1.31	25.35	22.60	2.76
5	2.67	30.27	1.46	28.81	25.62	3.19
5	2.62	33.83	1.60	32.23	28.61	3.63
5	2.58	37.36	1.73	35.62	31.55	4.07
5	2.53	40.84	1.86	38.98	34.45	4.53
5	2.48	44.29	1.99	42.30	37.32	4.98
5	2.44	47.70	2.11	45.60	40.15	5.45
5	2.39	51.08	2.22	48.86	42.95	5.91
5	2.35	54.43	2.33	52.10	45.71	6.39
5	2.31	57.74	2.43	55.31	48.45	6.86
5	2.26	61.03	2.53	58.50	51.15	7.34
5	2.22	64.28	2.63	61.65	53.83	7.83
5	2.18	67.51	2.72	64.79	56.48	8.31

5	2.13	70.71	2.81	67.90	59.10	8.80
5	2.13	70.71	2.81	67.90	59.10	8.80
5	2.09	73.89	2.90	70.98	61.69	9.30
5	2.05	77.04	2.99	74.05	64.26	9.79
5	2.01	80.16	3.07	77.09	66.80	10.29
5	1.97	83.26	3.15	80.10	69.32	10.78
5	1.93	86.33	3.23	83.10	71.81	11.29
5	1.89	89.39	3.31	86.08	74.29	11.79
5	1.85	92.42	3.38	89.04	76.74	12.30
5	1.81	95.43	3.46	91.97	79.17	12.81
5	1.77	98.42	3.52	94.89	81.57	13.32
5	1.74	101.39	3.59	97.80	83.96	13.83
5	1.70	104.34	3.66	100.68	86.33	14.35
5	1.66	107.27	3.72	103.55	88.68	14.87
5	1.62	110.18	3.78	106.40	91.01	15.39
5	1.59	113.08	3.84	109.24	93.33	15.91
5	1.55	115.96	3.90	112.06	95.63	16.43
5	1.51	118.82	3.95	114.87	97.91	16.96
5	1.48	121.66	4.00	117.66	100.17	17.49
5	1.44	124.49	4.05	120.44	102.42	18.02
5	1.40	127.31	4.10	123.21	104.66	18.55
5	1.37	130.11	4.15	125.96	106.88	19.08
5	1.37	130.11	4.15	125.96	106.88	19.08
5	1.33	132.90	4.20	128.70	109.09	19.61
5	1.30	135.68	4.25	131.43	111.28	20.15
5	1.26	138.44	4.29	134.15	113.46	20.69
5	1.23	141.19	4.33	136.85	115.63	21.23

5	1.19	143.92	4.37	139.55	117.78	21.77
5	1.16	146.65	4.41	142.24	119.93	22.31
5	1.13	149.36	4.45	144.91	122.06	22.85
5	1.09	152.06	4.48	147.58	124.18	23.40
5	1.06	154.76	4.52	150.24	126.30	23.94
5	1.02	157.44	4.55	152.89	128.40	24.49
5	0.99	160.11	4.58	155.54	130.49	25.04
5	0.96	162.78	4.61	158.17	132.58	25.59
5	0.92	165.44	4.64	160.80	134.65	26.15
5	0.89	168.09	4.66	163.42	136.72	26.70
5	0.86	170.73	4.69	166.04	138.78	27.26
5	0.82	173.36	4.71	168.65	140.84	27.82
5	0.79	175.99	4.73	171.26	142.88	28.37
5	0.76	178.61	4.75	173.86	144.92	28.93
5	0.73	181.23	4.77	176.45	146.96	29.49
5	0.69	183.84	4.79	179.04	148.99	30.06
5	0.69	183.84	4.79	179.04	148.99	30.06
5	0.66	186.68	4.81	181.86	151.19	30.67
5	0.62	189.51	4.83	184.68	153.39	31.28
5	0.59	192.34	4.85	187.49	155.59	31.90
5	0.55	195.16	4.87	190.29	157.78	32.51
5	0.52	197.98	4.88	193.09	159.96	33.13
5	0.48	200.79	4.90	195.89	162.14	33.75
5	0.45	203.60	4.91	198.69	164.31	34.37
5	0.41	206.40	4.93	201.48	166.48	34.99
5	0.38	209.20	4.94	204.26	168.65	35.61
5	0.34	212.00	4.95	207.05	170.81	36.24

5	0.31	214.79	4.96	209.83	172.97	36.86
5	0.27	217.58	4.97	212.61	175.13	37.49
5	0.24	220.37	4.98	215.39	177.28	38.11
5	0.21	223.15	4.98	218.17	179.43	38.74
5	0.17	225.93	4.99	220.94	181.58	39.36
5	0.14	228.71	5.00	223.71	183.72	39.99
5	0.10	231.49	5.44	226.05	185.87	40.18
5	0.07	234.26	5.98	228.28	188.01	40.27
5	0.03	237.04	6.52	230.51	190.15	40.37
5	0.00	239.81	7.07	232.74	192.29	40.46

Time = 120. Degree of Consolidation = 53.%

Total Settlement = 1.418

Settlement at End of Primary Consolidation = 2.695

Settlement caused by Primary Consolidation at time 120. = 1.418

Settlement caused by Secondary Compression at time 120. = 0.000

Surface Elevation = 2.49

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.85	12.05	24.00	22.71	18.53
1	29.79	29.65	12.04	23.95	22.66	18.49
1	29.59	29.46	12.03	23.90	22.61	18.44
1	29.39	29.27	12.03	23.85	22.57	18.39

1	29.19	29.08	12.02	23.81	22.52	18.34
1	28.99	28.89	12.01	23.76	22.47	18.29
1	28.79	28.70	12.00	23.71	22.42	18.24
1	28.59	28.52	11.99	23.66	22.37	18.19
1	28.39	28.33	11.99	23.61	22.33	18.15
1	28.19	28.14	11.98	23.56	22.28	18.10
1	27.99	27.95	11.97	23.51	22.23	18.05
2	27.99	27.95	11.97	2.20	2.19	2.13
2	26.66	26.63	11.55	2.14	2.13	2.06
2	25.36	25.33	11.13	2.07	2.07	2.01
2	24.09	24.06	10.71	2.02	2.02	1.97
2	22.83	22.80	10.30	1.98	1.98	1.93
2	21.60	21.57	9.88	1.93	1.93	1.88
2	20.38	20.35	9.46	1.89	1.88	1.84
2	19.18	19.16	9.04	1.84	1.83	1.79
2	18.00	17.98	8.62	1.80	1.78	1.74
3	18.00	17.98	8.62	1.56	1.56	1.55
3	17.19	17.18	8.31	1.56	1.55	1.55
3	16.38	16.37	7.99	1.55	1.55	1.54
3	15.58	15.57	7.68	1.55	1.54	1.54
3	14.78	14.77	7.36	1.54	1.54	1.53
3	13.98	13.97	7.05	1.53	1.53	1.53
3	13.18	13.17	6.73	1.53	1.53	1.52
3	12.38	12.37	6.41	1.52	1.52	1.52
3	11.59	11.58	6.10	1.52	1.52	1.52
3	10.79	10.78	5.78	1.52	1.52	1.51
3	10.00	9.99	5.47	1.51	1.51	1.51

4	10.00	9.99	5.47	0.85	0.85	0.85
4	8.99	8.98	4.92	0.84	0.84	0.84
4	7.98	7.97	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.83	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.80

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.85	227.14	11.22	215.92	179.62	36.30
1	29.65	239.50	11.63	227.87	191.55	36.31
1	29.46	251.84	12.05	239.79	203.47	36.32
1	29.27	264.15	12.46	251.69	215.36	36.33
1	29.08	276.44	12.88	263.57	227.23	36.34
1	28.89	288.71	13.30	275.41	239.07	36.34
1	28.70	300.95	13.71	287.24	250.89	36.35
1	28.52	313.17	14.13	299.04	262.68	36.35
1	28.33	325.36	14.55	310.81	274.45	36.36
1	28.14	337.53	14.98	322.56	286.20	36.36
1	27.95	349.68	15.40	334.28	297.92	36.36
1	27.95	349.68	15.40	334.28	297.92	36.36
2	26.63	472.79	52.10	420.69	380.31	40.39

2	25.33	594.44	85.94	508.51	461.23	47.28
2	24.06	714.70	126.42	588.28	540.75	47.52
2	22.80	833.75	168.37	665.38	619.07	46.31
2	21.57	951.60	212.40	739.20	696.19	43.01
2	20.35	1068.18	258.48	809.71	772.05	37.66
2	19.16	1183.44	302.64	880.80	846.58	34.22
2	17.98	1297.37	346.54	950.83	919.77	31.05
2	17.98	1297.37	346.54	950.83	919.77	31.05
3	17.18	1378.62	379.67	998.95	970.12	28.83
3	16.37	1459.74	409.71	1050.03	1020.33	29.69
3	15.57	1540.76	437.30	1103.46	1070.44	33.02
3	14.77	1621.66	462.82	1158.85	1120.44	38.41
3	13.97	1702.48	486.56	1215.92	1170.35	45.57
3	13.17	1783.19	515.51	1267.68	1220.16	47.52
3	12.37	1863.83	546.42	1317.41	1269.89	47.52
3	11.58	1944.40	577.33	1367.07	1319.55	47.52
3	10.78	2024.89	609.20	1415.68	1369.13	46.55
3	9.99	2105.30	642.85	1462.46	1418.64	43.81
3	9.99	2105.30	642.85	1462.46	1418.64	43.81
4	8.98	2218.78	711.79	1506.98	1481.62	25.37
4	7.97	2332.07	770.25	1561.83	1544.42	17.41
4	6.97	2445.22	822.80	1622.42	1607.07	15.35
4	5.97	2558.23	871.76	1686.47	1669.58	16.88
4	4.97	2671.11	918.40	1752.71	1731.97	20.75
4	3.97	2783.87	963.45	1820.42	1794.23	26.19
4	2.98	2896.50	1007.67	1888.83	1856.36	32.47
4	1.98	3009.01	1052.93	1956.08	1918.38	37.70

4	0.99	3121.40	1100.61	2020.79	1980.27	40.52
4	0.00	3233.65	1150.72	2082.93	2042.02	40.91

Time = 180. Degree of Consolidation = 21.%

Total Settlement = 0.144

Settlement at End of Primary Consolidation = 0.680

Settlement caused by Primary Consolidation at time 180. =
0.144

Settlement caused by Secondary Compression at time 180. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	4.50	2.88	0.45	9.11	9.11	9.11
5	4.45	2.82	0.44	9.11	8.81	8.61
5	4.39	2.77	0.43	9.11	8.53	8.11
5	4.34	2.72	0.43	9.11	8.27	7.60
5	4.28	2.67	0.42	9.11	8.02	7.10
5	4.23	2.62	0.42	9.11	7.79	6.60
5	4.17	2.58	0.41	9.11	7.57	6.10
5	4.12	2.53	0.41	9.11	7.37	5.60
5	4.06	2.48	0.40	9.11	7.18	5.10
5	4.01	2.44	0.40	9.11	7.01	4.79
5	3.95	2.40	0.39	9.11	6.85	4.78
5	3.90	2.35	0.39	9.11	6.70	4.78
5	3.84	2.31	0.38	9.11	6.56	4.77

5	3.79	2.27	0.37	9.11	6.44	4.76
5	3.73	2.23	0.37	9.11	6.32	4.76
5	3.68	2.19	0.36	9.11	6.21	4.75
5	3.62	2.15	0.36	9.11	6.11	4.75
5	3.57	2.12	0.35	9.11	6.02	4.74
5	3.51	2.08	0.35	9.11	5.93	4.65
5	3.46	2.04	0.34	9.11	5.85	4.53
5	3.40	2.00	0.34	9.11	5.78	4.42
5	3.40	2.00	0.34	9.11	5.78	4.42
5	3.35	1.97	0.33	9.11	5.71	4.30
5	3.29	1.93	0.33	9.11	5.64	4.18
5	3.24	1.89	0.32	9.11	5.58	4.07
5	3.18	1.86	0.31	9.11	5.52	3.95
5	3.13	1.82	0.31	9.11	5.47	3.84
5	3.07	1.79	0.30	9.11	5.42	3.72
5	3.02	1.75	0.30	9.11	5.37	3.60
5	2.96	1.72	0.29	9.11	5.33	3.49
5	2.91	1.68	0.29	9.11	5.29	3.37
5	2.85	1.65	0.28	9.11	5.26	3.26
5	2.80	1.62	0.28	9.11	5.22	3.14
5	2.74	1.58	0.27	9.11	5.19	3.02
5	2.69	1.55	0.27	9.11	5.16	2.91
5	2.63	1.52	0.26	9.11	5.14	2.79
5	2.58	1.48	0.25	9.11	5.11	2.67
5	2.52	1.45	0.25	9.11	5.09	2.56
5	2.47	1.42	0.24	9.11	5.07	2.44
5	2.41	1.38	0.24	9.11	5.05	2.33

5	2.36	1.35	0.23	9.11	5.03	2.21
5	2.30	1.32	0.23	9.11	5.01	2.09
5	2.30	1.32	0.23	9.11	5.01	2.09
5	2.25	1.28	0.22	9.11	4.99	1.98
5	2.19	1.25	0.22	9.11	4.98	1.86
5	2.14	1.22	0.21	9.11	4.96	1.74
5	2.08	1.19	0.21	9.11	4.95	1.74
5	2.02	1.15	0.20	9.11	4.93	1.73
5	1.97	1.12	0.19	9.11	4.92	1.73
5	1.91	1.09	0.19	9.11	4.91	1.73
5	1.86	1.06	0.18	9.11	4.90	1.73
5	1.80	1.03	0.18	9.11	4.89	1.72
5	1.75	0.99	0.17	9.11	4.88	1.72
5	1.70	0.96	0.17	9.11	4.87	1.72
5	1.64	0.93	0.16	9.11	4.86	1.72
5	1.59	0.90	0.16	9.11	4.85	1.71
5	1.53	0.87	0.15	9.11	4.84	1.71
5	1.48	0.83	0.15	9.11	4.84	1.71
5	1.42	0.80	0.14	9.11	4.83	1.70
5	1.37	0.77	0.14	9.11	4.82	1.70
5	1.31	0.74	0.13	9.11	4.82	1.70
5	1.26	0.71	0.12	9.11	4.81	1.70
5	1.20	0.68	0.12	9.11	4.81	1.69
5	1.20	0.68	0.12	9.11	4.81	1.69
5	1.14	0.64	0.11	9.11	4.80	1.69
5	1.08	0.61	0.11	9.11	4.79	1.69
5	1.02	0.57	0.10	9.11	4.79	1.68

5	0.96	0.54	0.09	9.11	4.78	1.68
5	0.90	0.50	0.09	9.11	4.78	1.68
5	0.84	0.47	0.08	9.11	4.77	1.67
5	0.78	0.44	0.08	9.11	4.76	1.67
5	0.72	0.40	0.07	9.11	4.76	1.67
5	0.66	0.37	0.07	9.11	4.75	1.67
5	0.60	0.33	0.06	9.11	4.73	1.66
5	0.54	0.30	0.05	9.11	4.71	1.66
5	0.48	0.27	0.05	9.11	4.69	1.66
5	0.42	0.23	0.04	9.11	4.68	1.65
5	0.36	0.20	0.04	9.11	4.65	1.65
5	0.30	0.17	0.03	9.11	4.63	1.65
5	0.24	0.13	0.02	9.11	4.61	1.64
5	0.18	0.10	0.02	9.11	4.58	1.64
5	0.12	0.07	0.01	9.11	4.55	1.64
5	0.06	0.03	0.01	9.11	4.53	1.63
5	0.00	0.00	0.00	9.11	4.50	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.88	0.00	0.00	0.00	0.00	0.00
5	2.82	3.96	0.35	3.62	3.38	0.23
5	2.77	7.82	0.67	7.15	6.66	0.49
5	2.72	11.60	0.98	10.62	9.85	0.76
5	2.67	15.28	1.26	14.01	12.96	1.06
5	2.62	18.88	1.53	17.35	15.98	1.37
5	2.58	22.41	1.78	20.63	18.92	1.70

5	2.53	25.86	2.01	23.85	21.80	2.05
5	2.48	29.25	2.23	27.02	24.61	2.42
5	2.44	32.58	2.43	30.15	27.36	2.80
5	2.40	35.86	2.61	33.24	30.05	3.19
5	2.35	39.08	2.79	36.29	32.69	3.60
5	2.31	42.25	2.95	39.30	35.28	4.02
5	2.27	45.38	3.09	42.28	37.82	4.46
5	2.23	48.46	3.23	45.23	40.33	4.90
5	2.19	51.51	3.35	48.15	42.80	5.36
5	2.15	54.52	3.47	51.05	45.23	5.82
5	2.12	57.50	3.58	53.92	47.62	6.30
5	2.08	60.45	3.68	56.77	49.99	6.78
5	2.04	63.37	3.77	59.60	52.33	7.27
5	2.00	66.26	3.85	62.41	54.65	7.76
5	2.00	66.26	3.85	62.41	54.65	7.76
5	1.97	69.13	3.94	65.20	56.94	8.26
5	1.93	71.98	4.01	67.97	59.20	8.76
5	1.89	74.81	4.09	70.72	61.45	9.27
5	1.86	77.61	4.15	73.46	63.67	9.79
5	1.82	80.40	4.21	76.18	65.88	10.31
5	1.79	83.16	4.27	78.89	68.06	10.83
5	1.75	85.92	4.32	81.59	70.23	11.36
5	1.72	88.65	4.37	84.28	72.39	11.89
5	1.68	91.38	4.42	86.96	74.53	12.43
5	1.65	94.09	4.46	89.63	76.66	12.97
5	1.62	96.79	4.50	92.29	78.78	13.51
5	1.58	99.48	4.53	94.94	80.89	14.05

5	1.55	102.15	4.57	97.59	82.99	14.60
5	1.52	104.82	4.60	100.22	85.08	15.15
5	1.48	107.48	4.63	102.86	87.15	15.70
5	1.45	110.13	4.65	105.48	89.22	16.25
5	1.42	112.78	4.68	108.10	91.29	16.81
5	1.38	115.42	4.70	110.71	93.34	17.37
5	1.35	118.05	4.73	113.32	95.39	17.93
5	1.32	120.67	4.75	115.92	97.44	18.49
5	1.32	120.67	4.75	115.92	97.44	18.49
5	1.28	123.29	4.77	118.52	99.47	19.05
5	1.25	125.90	4.79	121.11	101.50	19.61
5	1.22	128.51	4.80	123.70	103.53	20.17
5	1.19	131.11	4.82	126.29	105.55	20.74
5	1.15	133.70	4.84	128.87	107.57	21.30
5	1.12	136.30	4.85	131.44	109.58	21.87
5	1.09	138.88	4.86	134.02	111.58	22.43
5	1.06	141.47	4.88	136.59	113.59	23.00
5	1.03	144.05	4.89	139.16	115.59	23.57
5	0.99	146.63	4.90	141.73	117.58	24.14
5	0.96	149.20	4.91	144.29	119.58	24.71
5	0.93	151.77	4.92	146.85	121.57	25.28
5	0.90	154.34	4.93	149.41	123.55	25.85
5	0.87	156.90	4.94	151.97	125.54	26.43
5	0.83	159.47	4.95	154.52	127.52	27.00
5	0.80	162.03	4.96	157.07	129.50	27.57
5	0.77	164.59	4.96	159.62	131.48	28.14
5	0.74	167.14	4.97	162.17	133.45	28.72

5	0.71	169.70	4.98	164.72	135.43	29.29
5	0.68	172.25	4.98	167.27	137.40	29.87
5	0.68	172.25	4.98	167.27	137.40	29.87
5	0.64	175.03	4.99	170.04	139.55	30.49
5	0.61	177.81	5.00	172.82	141.69	31.12
5	0.57	180.59	5.21	175.38	143.84	31.54
5	0.54	183.37	5.76	177.60	145.98	31.62
5	0.50	186.14	6.34	179.80	148.12	31.68
5	0.47	188.91	6.96	181.95	150.26	31.69
5	0.44	191.68	7.65	184.03	152.40	31.63
5	0.40	194.45	8.45	185.99	154.53	31.46
5	0.37	197.21	9.48	187.73	156.66	31.07
5	0.33	199.97	10.05	189.92	158.78	31.14
5	0.30	202.72	10.13	192.59	160.90	31.69
5	0.27	205.47	10.23	195.24	163.01	32.23
5	0.23	208.21	10.32	197.88	165.12	32.76
5	0.20	210.94	10.43	200.51	167.22	33.29
5	0.17	213.66	10.54	203.12	169.31	33.81
5	0.13	216.38	10.66	205.71	171.39	34.32
5	0.10	219.08	10.79	208.29	173.46	34.83
5	0.07	221.78	10.93	210.85	175.52	35.33
5	0.03	224.46	11.07	213.39	177.57	35.82
5	0.00	227.14	11.22	215.92	179.62	36.30

Time = 180. Degree of Consolidation = 60.%

Total Settlement = 1.622

Settlement at End of Primary Consolidation = 2.695

Settlement caused by Primary Consolidation at time 180. =
1.622

Settlement caused by Secondary Compression at time 180. =
0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 2.23

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.80	12.05	24.00	22.23	18.53
1	29.79	29.61	12.04	23.95	22.18	18.49
1	29.59	29.42	12.03	23.90	22.13	18.44
1	29.39	29.24	12.03	23.85	22.08	18.39
1	29.19	29.05	12.02	23.81	22.04	18.34
1	28.99	28.86	12.01	23.76	21.99	18.29
1	28.79	28.68	12.00	23.71	21.94	18.24
1	28.59	28.49	11.99	23.66	21.89	18.19
1	28.39	28.31	11.99	23.61	21.84	18.15
1	28.19	28.12	11.98	23.56	21.79	18.10
1	27.99	27.94	11.97	23.51	21.75	18.05
2	27.99	27.94	11.97	2.20	2.18	2.13
2	26.66	26.62	11.55	2.14	2.12	2.06
2	25.36	25.33	11.13	2.07	2.07	2.01
2	24.09	24.05	10.71	2.02	2.02	1.97
2	22.83	22.80	10.30	1.98	1.98	1.93

2	21.60	21.56	9.88	1.93	1.93	1.88
2	20.38	20.35	9.46	1.89	1.88	1.84
2	19.18	19.15	9.04	1.84	1.83	1.79
2	18.00	17.98	8.62	1.80	1.78	1.74
2	18.00	17.98	8.62	1.56	1.56	1.55
3	17.19	17.18	8.31	1.56	1.55	1.55
3	16.38	16.37	7.99	1.55	1.55	1.54
3	15.58	15.57	7.68	1.55	1.54	1.54
3	14.78	14.77	7.36	1.54	1.54	1.53
3	13.98	13.97	7.05	1.53	1.53	1.53
3	13.18	13.17	6.73	1.53	1.53	1.52
3	12.38	12.37	6.41	1.52	1.52	1.52
3	11.59	11.58	6.10	1.52	1.52	1.52
3	10.79	10.78	5.78	1.52	1.52	1.51
3	10.00	9.99	5.47	1.51	1.51	1.51
3	10.00	9.99	5.47	0.85	0.85	0.85
4	8.99	8.98	4.92	0.84	0.84	0.84
4	7.98	7.97	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.83	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.97	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.80

		***** Stresses *****		***** Pore Pressures *****		
	XI	Total	Effective	Total	Static	Excess
Material	29.80	217.93	15.43	202.50	170.41	32.10
1	29.61	230.05	15.84	214.21	182.10	32.11
1	29.42	242.15	16.25	225.89	193.78	32.11
1	29.24	254.22	16.67	237.55	205.42	32.12
1	29.05	266.26	17.09	249.18	217.05	32.13
1	28.86	278.28	17.50	260.78	228.65	32.14
1	28.68	290.28	17.92	272.36	240.22	32.14
1	28.49	302.26	18.34	283.92	251.77	32.15
1	28.31	314.21	18.76	295.45	263.30	32.15
1	28.12	326.13	19.18	306.95	274.80	32.15
1	27.94	338.03	19.60	318.43	286.28	32.15
2	27.94	338.03	19.60	318.43	286.28	32.15
2	26.62	461.02	54.36	406.66	368.53	38.13
2	25.33	582.60	86.85	495.75	449.39	46.36
2	24.05	702.85	126.42	576.43	528.90	47.52
2	22.80	821.88	169.21	652.67	607.21	45.46
2	21.56	939.70	214.16	725.54	684.30	41.25
2	20.35	1056.23	260.74	795.49	760.09	35.39
2	19.15	1171.42	305.00	866.41	834.55	31.86
2	17.98	1285.27	348.35	936.92	907.68	29.24
2	17.98	1285.27	348.35	936.92	907.68	29.24
3	17.18	1366.52	381.07	985.44	958.01	27.43
3	16.37	1447.64	410.77	1036.87	1008.23	28.64
3	15.57	1528.65	438.04	1090.60	1058.33	32.27
3	14.77	1609.55	463.29	1146.26	1108.33	37.93

3	13.97	1690.36	486.79	1203.58	1158.23	45.34
3	13.17	1771.08	515.51	1255.57	1208.04	47.52
3	12.37	1851.72	546.42	1305.30	1257.78	47.52
3	11.58	1932.28	577.33	1354.96	1307.44	47.52
3	10.78	2012.78	609.51	1403.27	1357.02	46.25
3	9.99	2093.19	643.49	1449.70	1406.53	43.17
4	9.99	2093.19	643.49	1449.70	1406.53	43.17
4	8.98	2206.66	714.65	1492.00	1469.50	22.51
4	7.97	2319.95	774.48	1545.46	1532.29	13.17
4	6.97	2433.08	827.79	1605.29	1594.93	10.36
4	5.97	2546.08	877.03	1669.05	1657.43	11.62
4	4.97	2658.94	923.61	1735.34	1719.80	15.54
4	3.97	2771.68	968.40	1803.28	1782.04	21.24
4	2.97	2884.30	1012.44	1871.86	1844.16	27.70
4	1.98	2996.80	1057.61	1939.19	1906.17	33.03
4	0.99	3109.18	1105.16	2004.02	1968.04	35.97
4	0.00	3221.41	1155.16	2066.25	2029.79	36.46

Time = 240. Degree of Consolidation = 28.%

Total Settlement = 0.192

Settlement at End of Primary Consolidation = 0.680

Settlement caused by Primary Consolidation at time 240. = 0.192

Settlement caused by Secondary Compression at time 240. = 0.000

*****Current Conditions in Dredged Fill*****

***** Coordinates *****

***** Void Ratios *****

	A	XI	Z	Einitial	E	Eeop
Material	4.50	2.73	0.45	9.11	9.11	9.11
5	4.45	2.68	0.44	9.11	8.78	8.61
5	4.39	2.62	0.43	9.11	8.46	8.11
5	4.34	2.57	0.43	9.11	8.17	7.60
5	4.28	2.52	0.42	9.11	7.89	7.10
5	4.23	2.48	0.42	9.11	7.63	6.60
5	4.17	2.43	0.41	9.11	7.40	6.10
5	4.12	2.39	0.41	9.11	7.18	5.60
5	4.06	2.34	0.40	9.11	6.97	5.10
5	4.01	2.30	0.40	9.11	6.78	4.79
5	3.95	2.26	0.39	9.11	6.61	4.78
5	3.90	2.22	0.39	9.11	6.45	4.78
5	3.84	2.18	0.38	9.11	6.31	4.77
5	3.79	2.14	0.37	9.11	6.17	4.76
5	3.73	2.10	0.37	9.11	6.05	4.76
5	3.68	2.06	0.36	9.11	5.94	4.75
5	3.62	2.02	0.36	9.11	5.84	4.75
5	3.57	1.99	0.35	9.11	5.75	4.74
5	3.51	1.95	0.35	9.11	5.66	4.65
5	3.46	1.91	0.34	9.11	5.58	4.53
5	3.40	1.88	0.34	9.11	5.51	4.42
5	3.40	1.88	0.34	9.11	5.51	4.42
5	3.35	1.84	0.33	9.11	5.44	4.30
5	3.29	1.81	0.33	9.11	5.38	4.18
5	3.24	1.77	0.32	9.11	5.32	4.07

5	3.18	1.74	0.31	9.11	5.27	3.95
5	3.13	1.70	0.31	9.11	5.22	3.84
5	3.07	1.67	0.30	9.11	5.18	3.72
5	3.02	1.64	0.30	9.11	5.14	3.60
5	2.96	1.60	0.29	9.11	5.10	3.49
5	2.91	1.57	0.29	9.11	5.07	3.37
5	2.85	1.54	0.28	9.11	5.04	3.26
5	2.80	1.50	0.28	9.11	5.01	3.14
5	2.74	1.47	0.27	9.11	4.99	3.02
5	2.69	1.44	0.27	9.11	4.97	2.91
5	2.63	1.41	0.26	9.11	4.94	2.79
5	2.58	1.38	0.25	9.11	4.93	2.67
5	2.52	1.34	0.25	9.11	4.91	2.56
5	2.47	1.31	0.24	9.11	4.89	2.44
5	2.41	1.28	0.24	9.11	4.88	2.33
5	2.36	1.25	0.23	9.11	4.86	2.21
5	2.30	1.22	0.23	9.11	4.85	2.09
5	2.30	1.22	0.23	9.11	4.85	2.09
5	2.25	1.18	0.22	9.11	4.84	1.98
5	2.19	1.15	0.22	9.11	4.83	1.86
5	2.14	1.12	0.21	9.11	4.82	1.74
5	2.08	1.09	0.21	9.11	4.81	1.74
5	2.02	1.06	0.20	9.11	4.80	1.73
5	1.97	1.03	0.19	9.11	4.79	1.73
5	1.91	0.99	0.19	9.11	4.78	1.73
5	1.86	0.96	0.18	9.11	4.76	1.73
5	1.80	0.93	0.18	9.11	4.75	1.72

5	1.75	0.90	0.17	9.11	4.72	1.72
5	1.70	0.87	0.17	9.11	4.69	1.72
5	1.64	0.84	0.16	9.11	4.66	1.72
5	1.59	0.81	0.16	9.11	4.63	1.71
5	1.53	0.78	0.15	9.11	4.60	1.71
5	1.48	0.75	0.15	9.11	4.57	1.71
5	1.42	0.72	0.14	9.11	4.54	1.70
5	1.37	0.69	0.14	9.11	4.50	1.70
5	1.31	0.66	0.13	9.11	4.47	1.70
5	1.26	0.63	0.12	9.11	4.44	1.70
5	1.20	0.60	0.12	9.11	4.40	1.69
5	1.20	0.60	0.12	9.11	4.40	1.69
5	1.14	0.57	0.11	9.11	4.36	1.69
5	1.08	0.53	0.11	9.11	4.32	1.69
5	1.02	0.50	0.10	9.11	4.29	1.68
5	0.96	0.47	0.09	9.11	4.25	1.68
5	0.90	0.44	0.09	9.11	4.21	1.68
5	0.84	0.41	0.08	9.11	4.18	1.67
5	0.78	0.38	0.08	9.11	4.14	1.67
5	0.72	0.35	0.07	9.11	4.10	1.67
5	0.66	0.32	0.07	9.11	4.07	1.67
5	0.60	0.29	0.06	9.11	4.03	1.66
5	0.54	0.26	0.05	9.11	3.99	1.66
5	0.48	0.23	0.05	9.11	3.96	1.66
5	0.42	0.20	0.04	9.11	3.92	1.65
5	0.36	0.17	0.04	9.11	3.88	1.65
5	0.30	0.14	0.03	9.11	3.85	1.65

5	0.24	0.11	0.02	9.11	3.81	1.64
5	0.18	0.08	0.02	9.11	3.77	1.64
5	0.12	0.06	0.01	9.11	3.73	1.64
5	0.06	0.03	0.01	9.11	3.69	1.63
5	0.00	0.00	0.00	9.11	3.65	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.73	0.00	0.00	0.00	0.00	0.00
5	2.68	3.96	0.39	3.57	3.37	0.19
5	2.62	7.80	0.75	7.05	6.64	0.41
5	2.57	11.54	1.09	10.45	9.80	0.65
5	2.52	15.19	1.41	13.78	12.86	0.91
5	2.48	18.74	1.71	17.04	15.84	1.20
5	2.43	22.21	1.98	20.23	18.73	1.50
5	2.39	25.61	2.24	23.37	21.54	1.83
5	2.34	28.93	2.47	26.46	24.28	2.17
5	2.30	32.18	2.69	29.49	26.96	2.54
5	2.26	35.38	2.89	32.49	29.57	2.92
5	2.22	38.52	3.08	35.44	32.13	3.31
5	2.18	41.60	3.24	38.36	34.63	3.73
5	2.14	44.64	3.40	41.24	37.09	4.15
5	2.10	47.63	3.54	44.10	39.50	4.59
5	2.06	50.59	3.67	46.92	41.88	5.04
5	2.02	53.51	3.79	49.72	44.22	5.51
5	1.99	56.40	3.89	52.50	46.52	5.98
5	1.95	59.25	3.99	55.26	48.80	6.46

5	1.91	62.08	4.08	58.00	51.05	6.96
5	1.88	64.89	4.16	60.72	53.27	7.45
5	1.88	64.89	4.16	60.72	53.27	7.45
5	1.84	67.67	4.24	63.42	55.47	7.95
5	1.81	70.42	4.32	66.11	57.64	8.46
5	1.77	73.16	4.38	68.78	59.80	8.98
5	1.74	75.88	4.44	71.43	61.94	9.50
5	1.70	78.58	4.50	74.08	64.06	10.02
5	1.67	81.26	4.55	76.71	66.16	10.55
5	1.64	83.94	4.60	79.34	68.25	11.09
5	1.60	86.59	4.64	81.96	70.33	11.63
5	1.57	89.24	4.68	84.56	72.40	12.17
5	1.54	91.88	4.71	87.17	74.45	12.71
5	1.50	94.50	4.74	89.76	76.50	13.26
5	1.47	97.12	4.77	92.35	78.53	13.82
5	1.44	99.73	4.80	94.93	80.56	14.37
5	1.41	102.33	4.82	97.51	82.59	14.93
5	1.38	104.93	4.84	100.09	84.60	15.49
5	1.34	107.52	4.86	102.66	86.61	16.05
5	1.31	110.10	4.88	105.22	88.61	16.61
5	1.28	112.68	4.90	107.78	90.61	17.17
5	1.25	115.25	4.91	110.34	92.60	17.74
5	1.22	117.82	4.93	112.89	94.59	18.30
5	1.22	117.82	4.93	112.89	94.59	18.30
5	1.18	120.39	4.94	115.44	96.57	18.87
5	1.15	122.95	4.96	117.99	98.55	19.44
5	1.12	125.51	4.97	120.54	100.53	20.01

5	1.09	128.06	4.98	123.08	102.50	20.57
5	1.06	130.61	4.99	125.62	104.47	21.14
5	1.03	133.16	5.42	127.73	106.44	21.29
5	0.99	135.70	6.45	129.25	108.40	20.85
5	0.96	138.24	7.65	130.59	110.36	20.23
5	0.93	140.77	9.24	131.54	112.31	19.22
5	0.90	143.30	10.08	133.22	114.26	18.96
5	0.87	145.82	10.23	135.59	116.20	19.39
5	0.84	148.33	10.38	137.95	118.13	19.82
5	0.81	150.83	10.53	140.29	120.04	20.25
5	0.78	153.32	10.69	142.63	121.95	20.67
5	0.75	155.79	10.85	144.94	123.85	21.09
5	0.72	158.26	11.02	147.24	125.73	21.51
5	0.69	160.71	11.18	149.53	127.61	21.92
5	0.66	163.16	11.35	151.80	129.47	22.33
5	0.63	165.59	11.52	154.06	131.32	22.74
5	0.60	168.01	11.70	156.31	133.16	23.15
5	0.60	168.01	11.70	156.31	133.16	23.15
5	0.57	170.63	11.89	158.75	135.15	23.60
5	0.53	173.25	12.08	161.17	137.13	24.04
5	0.50	175.85	12.26	163.58	139.10	24.49
5	0.47	178.43	12.45	165.98	141.05	24.93
5	0.44	181.00	12.64	168.37	142.98	25.38
5	0.41	183.56	12.82	170.74	144.91	25.83
5	0.38	186.10	13.00	173.10	146.82	26.28
5	0.35	188.63	13.19	175.45	148.71	26.73
5	0.32	191.15	13.37	177.78	150.60	27.18

5	0.29	193.65	13.55	180.10	152.47	27.64
5	0.26	196.14	13.73	182.41	154.32	28.09
5	0.23	198.62	13.91	184.70	156.16	28.54
5	0.20	201.08	14.10	186.98	157.99	28.99
5	0.17	203.53	14.28	189.25	159.81	29.44
5	0.14	205.97	14.47	191.50	161.61	29.89
5	0.11	208.39	14.65	193.73	163.40	30.33
5	0.08	210.79	14.84	195.95	165.17	30.78
5	0.06	213.19	15.03	198.15	166.93	31.22
5	0.03	215.57	15.23	200.34	168.68	31.66
5	0.00	217.93	15.43	202.50	170.41	32.10

Time = 240. Degree of Consolidation = 66.%

Total Settlement = 1.769

Settlement at End of Primary Consolidation = 2.695

Settlement caused by Primary Consolidation at time 240. = 1.769

Settlement caused by Secondary Compression at time 240. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 2.04

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.71	12.05	24.00	21.30	18.53
1	29.79	29.53	12.04	23.95	21.26	18.49

1	29.59	29.35	12.03	23.90	21.21	18.44
1	29.39	29.17	12.03	23.85	21.16	18.39
1	29.19	28.99	12.02	23.81	21.11	18.34
1	28.99	28.81	12.01	23.76	21.07	18.29
1	28.79	28.63	12.00	23.71	21.02	18.24
1	28.59	28.45	11.99	23.66	20.97	18.19
1	28.39	28.28	11.99	23.61	20.92	18.15
1	28.19	28.10	11.98	23.56	20.87	18.10
1	27.99	27.92	11.97	23.51	20.82	18.05
2	27.99	27.92	11.97	2.20	2.17	2.13
2	26.66	26.61	11.55	2.14	2.12	2.06
2	25.36	25.32	11.13	2.07	2.07	2.01
2	24.09	24.04	10.71	2.02	2.02	1.97
2	22.83	22.79	10.30	1.98	1.97	1.93
2	21.60	21.55	9.88	1.93	1.93	1.88
2	20.38	20.34	9.46	1.89	1.87	1.84
2	19.18	19.15	9.04	1.84	1.82	1.79
2	18.00	17.98	8.62	1.80	1.77	1.74
3	18.00	17.98	8.62	1.56	1.56	1.55
3	17.19	17.17	8.31	1.56	1.55	1.55
3	16.38	16.37	7.99	1.55	1.55	1.54
3	15.58	15.56	7.68	1.55	1.54	1.54
3	14.78	14.76	7.36	1.54	1.54	1.53
3	13.98	13.96	7.05	1.53	1.53	1.53
3	13.18	13.17	6.73	1.53	1.53	1.52
3	12.38	12.37	6.41	1.52	1.52	1.52
3	11.59	11.57	6.10	1.52	1.52	1.52

3	10.79	10.78	5.78	1.52	1.52	1.51
3	10.00	9.98	5.47	1.51	1.51	1.51
4	10.00	9.98	5.47	0.85	0.85	0.85
4	8.99	8.98	4.92	0.84	0.84	0.84
4	7.98	7.97	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.83	0.83
4	5.97	5.96	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.97	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.81	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.80

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.71	198.22	23.45	174.77	150.70	24.07
1	29.53	209.88	23.86	186.01	161.93	24.08
1	29.35	221.51	24.27	197.23	173.14	24.09
1	29.17	233.11	24.69	208.42	184.32	24.10
1	28.99	244.69	25.10	219.59	195.48	24.11
1	28.81	256.25	25.52	230.73	206.61	24.12
1	28.63	267.78	25.94	241.85	217.72	24.12
1	28.45	279.29	26.36	252.94	228.81	24.13
1	28.28	290.78	26.78	264.00	239.87	24.13
1	28.10	302.24	27.20	275.04	250.91	24.14
1	27.92	313.67	27.62	286.06	261.92	24.14

2	27.92	313.67	27.62	286.06	261.92	24.14
2	26.61	436.39	59.35	377.04	343.91	33.14
2	25.32	557.82	89.23	468.59	424.60	43.98
2	24.04	678.03	126.82	551.21	504.09	47.13
2	22.79	797.04	170.70	626.35	582.37	43.98
2	21.55	914.80	216.99	697.81	659.39	38.42
2	20.34	1031.23	264.18	767.05	735.10	31.95
2	19.15	1146.31	308.43	837.88	809.45	28.43
2	17.98	1260.08	350.96	909.12	882.48	26.64
2	17.98	1260.08	350.96	909.12	882.48	26.64
3	17.17	1341.31	383.08	958.23	932.81	25.42
3	16.37	1422.43	412.27	1010.15	983.02	27.14
3	15.56	1503.43	439.10	1064.33	1033.11	31.21
3	14.76	1584.33	463.95	1120.38	1083.11	37.27
3	13.96	1665.14	487.10	1178.04	1133.01	45.03
3	13.17	1745.86	515.51	1230.34	1182.82	47.52
3	12.37	1826.50	546.42	1280.08	1232.55	47.52
3	11.57	1907.06	577.45	1329.62	1282.21	47.40
3	10.78	1987.55	610.04	1377.51	1331.80	45.72
3	9.98	2067.96	644.48	1423.48	1381.30	42.18
3	9.98	2067.96	644.48	1423.48	1381.30	42.18
4	8.98	2181.42	718.66	1462.76	1444.26	18.50
4	7.97	2294.70	780.51	1514.19	1507.04	7.14
4	6.97	2407.82	835.12	1572.69	1569.66	3.03
4	5.96	2520.79	885.12	1635.67	1632.14	3.53
4	4.97	2633.63	932.04	1701.59	1694.49	7.10
4	3.97	2746.35	976.88	1769.47	1756.71	12.76

4	2.97	2858.95	1021.08	1837.87	1818.81	19.06
4	1.98	2971.42	1066.50	1904.93	1880.79	24.14
4	0.99	3083.77	1114.11	1969.66	1942.64	27.02
4	0.00	3195.99	1164.02	2031.97	2004.36	27.61

Time = 365. Degree of Consolidation = 42.%

Total Settlement = 0.284

Settlement at End of Primary Consolidation = 0.680

Settlement caused by Primary Consolidation at time 365. = 0.284

Settlement caused by Secondary Compression at time 365. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	4.50	2.42	0.45	9.11	9.11	9.11
5	4.45	2.36	0.44	9.11	8.76	8.61
5	4.39	2.31	0.43	9.11	8.43	8.11
5	4.34	2.26	0.43	9.11	8.12	7.60
5	4.28	2.21	0.42	9.11	7.83	7.10
5	4.23	2.16	0.42	9.11	7.56	6.60
5	4.17	2.12	0.41	9.11	7.31	6.10
5	4.12	2.07	0.41	9.11	7.08	5.60
5	4.06	2.03	0.40	9.11	6.86	5.10
5	4.01	1.99	0.40	9.11	6.67	4.79
5	3.95	1.95	0.39	9.11	6.49	4.78

5	3.90	1.90	0.39	9.11	6.32	4.78
5	3.84	1.87	0.38	9.11	6.17	4.77
5	3.79	1.83	0.37	9.11	6.04	4.76
5	3.73	1.79	0.37	9.11	5.91	4.76
5	3.68	1.75	0.36	9.11	5.80	4.75
5	3.62	1.71	0.36	9.11	5.70	4.75
5	3.57	1.68	0.35	9.11	5.60	4.74
5	3.51	1.64	0.35	9.11	5.52	4.65
5	3.46	1.61	0.34	9.11	5.44	4.53
5	3.40	1.57	0.34	9.11	5.37	4.42
5	3.40	1.57	0.34	9.11	5.37	4.42
5	3.35	1.54	0.33	9.11	5.30	4.30
5	3.29	1.50	0.33	9.11	5.24	4.18
5	3.24	1.47	0.32	9.11	5.18	4.07
5	3.18	1.44	0.31	9.11	5.13	3.95
5	3.13	1.40	0.31	9.11	5.09	3.84
5	3.07	1.37	0.30	9.11	5.04	3.72
5	3.02	1.34	0.30	9.11	5.01	3.60
5	2.96	1.31	0.29	9.11	4.97	3.49
5	2.91	1.27	0.29	9.11	4.94	3.37
5	2.85	1.24	0.28	9.11	4.92	3.26
5	2.80	1.21	0.28	9.11	4.89	3.14
5	2.74	1.18	0.27	9.11	4.87	3.02
5	2.69	1.14	0.27	9.11	4.85	2.91
5	2.63	1.11	0.26	9.11	4.83	2.79
5	2.58	1.08	0.25	9.11	4.82	2.67
5	2.52	1.05	0.25	9.11	4.80	2.56

5	2.47	1.02	0.24	9.11	4.79	2.44
5	2.41	0.99	0.24	9.11	4.78	2.33
5	2.36	0.96	0.23	9.11	4.76	2.21
5	2.30	0.92	0.23	9.11	4.75	2.09
5	2.30	0.92	0.23	9.11	4.75	2.09
5	2.25	0.89	0.22	9.11	4.50	1.98
5	2.19	0.86	0.22	9.11	4.30	1.86
5	2.14	0.84	0.21	9.11	4.14	1.74
5	2.08	0.81	0.21	9.11	4.01	1.74
5	2.02	0.78	0.20	9.11	3.90	1.73
5	1.97	0.75	0.19	9.11	3.80	1.73
5	1.91	0.73	0.19	9.11	3.72	1.73
5	1.86	0.70	0.18	9.11	3.64	1.73
5	1.80	0.68	0.18	9.11	3.57	1.72
5	1.75	0.65	0.17	9.11	3.51	1.72
5	1.70	0.63	0.17	9.11	3.45	1.72
5	1.64	0.61	0.16	9.11	3.40	1.72
5	1.59	0.58	0.16	9.11	3.34	1.71
5	1.53	0.56	0.15	9.11	3.29	1.71
5	1.48	0.53	0.15	9.11	3.25	1.71
5	1.42	0.51	0.14	9.11	3.20	1.70
5	1.37	0.49	0.14	9.11	3.16	1.70
5	1.31	0.47	0.13	9.11	3.11	1.70
5	1.26	0.44	0.12	9.11	3.07	1.70
5	1.20	0.42	0.12	9.11	3.03	1.69
5	1.20	0.42	0.12	9.11	3.03	1.69
5	1.14	0.40	0.11	9.11	2.98	1.69

5	1.08	0.38	0.11	9.11	2.94	1.69
5	1.02	0.35	0.10	9.11	2.89	1.68
5	0.96	0.33	0.09	9.11	2.84	1.68
5	0.90	0.31	0.09	9.11	2.80	1.68
5	0.84	0.28	0.08	9.11	2.75	1.67
5	0.78	0.26	0.08	9.11	2.71	1.67
5	0.72	0.24	0.07	9.11	2.66	1.67
5	0.66	0.22	0.07	9.11	2.62	1.67
5	0.60	0.20	0.06	9.11	2.57	1.66
5	0.54	0.18	0.05	9.11	2.52	1.66
5	0.48	0.16	0.05	9.11	2.47	1.66
5	0.42	0.13	0.04	9.11	2.42	1.65
5	0.36	0.11	0.04	9.11	2.37	1.65
5	0.30	0.09	0.03	9.11	2.32	1.65
5	0.24	0.08	0.02	9.11	2.27	1.64
5	0.18	0.06	0.02	9.11	2.22	1.64
5	0.12	0.04	0.01	9.11	2.16	1.64
5	0.06	0.02	0.01	9.11	2.11	1.63
5	0.00	0.00	0.00	9.11	2.05	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.42	0.00	0.00	0.00	0.00	0.00
5	2.36	3.95	0.41	3.54	3.37	0.17
5	2.31	7.79	0.79	7.00	6.63	0.37
5	2.26	11.52	1.15	10.36	9.77	0.59
5	2.21	15.14	1.49	13.65	12.82	0.84

5	2.16	18.67	1.80	16.87	15.77	1.11
5	2.12	22.11	2.09	20.03	18.63	1.40
5	2.07	25.47	2.35	23.12	21.41	1.71
5	2.03	28.76	2.60	26.16	24.11	2.05
5	1.99	31.98	2.83	29.15	26.75	2.40
5	1.95	35.13	3.03	32.09	29.32	2.77
5	1.90	38.22	3.23	35.00	31.83	3.16
5	1.87	41.27	3.40	37.87	34.30	3.57
5	1.83	44.26	3.56	40.70	36.71	3.99
5	1.79	47.21	3.70	43.50	39.07	4.43
5	1.75	50.11	3.83	46.28	41.40	4.88
5	1.71	52.98	3.95	49.03	43.69	5.34
5	1.68	55.82	4.06	51.76	45.95	5.81
5	1.64	58.63	4.16	54.47	48.17	6.30
5	1.61	61.41	4.25	57.16	50.37	6.79
5	1.57	64.16	4.33	59.84	52.55	7.29
5	1.57	64.16	4.33	59.84	52.55	7.29
5	1.54	66.90	4.41	62.49	54.70	7.79
5	1.50	69.61	4.48	65.13	56.83	8.30
5	1.47	72.29	4.55	67.75	58.94	8.81
5	1.44	74.97	4.60	70.36	61.03	9.34
5	1.40	77.62	4.66	72.96	63.10	9.86
5	1.37	80.26	4.71	75.55	65.16	10.40
5	1.34	82.89	4.75	78.14	67.20	10.93
5	1.31	85.50	4.79	80.71	69.24	11.48
5	1.27	88.10	4.82	83.28	71.26	12.02
5	1.24	90.70	4.85	85.84	73.27	12.57

5	1.21	93.28	4.88	88.40	75.28	13.12
5	1.18	95.86	4.91	90.95	77.27	13.68
5	1.14	98.43	4.93	93.50	79.26	14.24
5	1.11	100.99	4.95	96.04	81.25	14.80
5	1.08	103.55	4.97	98.58	83.22	15.36
5	1.05	106.10	4.99	101.12	85.19	15.92
5	1.02	108.65	5.02	103.63	87.16	16.47
5	0.99	111.20	6.28	104.91	89.13	15.79
5	0.96	113.74	7.69	106.04	91.08	14.96
5	0.92	116.27	9.44	106.83	93.04	13.79
5	0.92	116.27	9.44	106.83	93.04	13.79
5	0.89	118.76	11.19	107.57	94.95	12.62
5	0.86	121.17	12.21	108.96	96.78	12.19
5	0.84	123.52	13.00	110.52	98.55	11.97
5	0.81	125.83	13.66	112.17	100.27	11.90
5	0.78	128.09	14.21	113.88	101.95	11.93
5	0.75	130.32	14.69	115.63	103.60	12.03
5	0.73	132.51	15.11	117.40	105.21	12.19
5	0.70	134.68	15.49	119.19	106.80	12.39
5	0.68	136.83	15.83	120.99	108.37	12.63
5	0.65	138.95	16.15	122.80	109.91	12.89
5	0.63	141.05	16.45	124.60	111.43	13.18
5	0.61	143.13	16.72	126.41	112.93	13.48
5	0.58	145.20	16.98	128.21	114.41	13.80
5	0.56	147.24	17.23	130.01	115.88	14.13
5	0.53	149.27	17.47	131.80	117.33	14.48
5	0.51	151.29	17.70	133.59	118.76	14.83

5	0.49	153.29	17.92	135.36	120.18	15.18
5	0.47	155.27	18.14	137.13	121.58	15.55
5	0.44	157.24	18.36	138.88	122.97	15.91
5	0.42	159.19	18.57	140.63	124.35	16.28
5	0.42	159.19	18.57	140.63	124.35	16.28
5	0.40	161.31	18.80	142.52	125.83	16.69
5	0.38	163.41	19.02	144.39	127.29	17.09
5	0.35	165.49	19.25	146.24	128.74	17.50
5	0.33	167.56	19.48	148.08	130.17	17.91
5	0.31	169.61	19.70	149.91	131.59	18.31
5	0.28	171.64	19.93	151.71	132.99	18.72
5	0.26	173.66	20.16	153.50	134.37	19.13
5	0.24	175.65	20.39	155.26	135.74	19.53
5	0.22	177.64	20.62	157.01	137.08	19.93
5	0.20	179.60	20.86	158.74	138.41	20.33
5	0.18	181.55	21.10	160.45	139.73	20.72
5	0.16	183.47	21.34	162.14	141.02	21.11
5	0.13	185.38	21.58	163.80	142.30	21.50
5	0.11	187.28	21.84	165.44	143.56	21.89
5	0.09	189.15	22.09	167.06	144.80	22.26
5	0.08	191.00	22.35	168.65	146.02	22.64
5	0.06	192.84	22.62	170.22	147.22	23.01
5	0.04	194.65	22.89	171.77	148.40	23.37
5	0.02	196.45	23.16	173.28	149.56	23.72
5	0.00	198.22	23.45	174.77	150.70	24.07

Time = 365. Degree of Consolidation = 77.%

Total Settlement = 2.085

Settlement at End of Primary Consolidation = 2.695
 Settlement caused by Primary Consolidation at time 365. = 2.085
 Settlement caused by Secondary Compression at time 365. = 0.000
 Settlement Due to Desiccation = 0.000
 Surface Elevation = 1.63

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.66	12.05	24.00	21.08	18.53
1	29.79	29.48	12.04	23.95	21.03	18.49
1	29.59	29.30	12.03	23.90	20.98	18.44
1	29.39	29.13	12.03	23.85	20.93	18.39
1	29.19	28.95	12.02	23.81	20.88	18.34
1	28.99	28.77	12.01	23.76	20.83	18.29
1	28.79	28.60	12.00	23.71	20.78	18.24
1	28.59	28.42	11.99	23.66	20.74	18.19
1	28.39	28.25	11.99	23.61	20.69	18.15
1	28.19	28.07	11.98	23.56	20.64	18.10
1	27.99	27.90	11.97	23.51	20.59	18.05
2	27.99	27.90	11.97	2.20	2.16	2.13
2	26.66	26.58	11.55	2.14	2.11	2.06
2	25.36	25.29	11.13	2.07	2.06	2.01
2	24.09	24.02	10.71	2.02	2.01	1.97

2	22.83	22.77	10.30	1.98	1.97	1.93
2	21.60	21.54	9.88	1.93	1.92	1.88
2	20.38	20.33	9.46	1.89	1.87	1.84
2	19.18	19.14	9.04	1.84	1.82	1.79
2	18.00	17.97	8.62	1.80	1.77	1.74
3	18.00	17.97	8.62	1.56	1.56	1.55
3	17.19	17.17	8.31	1.56	1.55	1.55
3	16.38	16.36	7.99	1.55	1.55	1.54
3	15.58	15.56	7.68	1.55	1.54	1.54
3	14.78	14.76	7.36	1.54	1.54	1.53
3	13.98	13.96	7.05	1.53	1.53	1.53
3	13.18	13.16	6.73	1.53	1.53	1.52
3	12.38	12.37	6.41	1.52	1.52	1.52
3	11.59	11.57	6.10	1.52	1.52	1.52
3	10.79	10.77	5.78	1.52	1.52	1.51
3	10.00	9.98	5.47	1.51	1.51	1.51
4	10.00	9.98	5.47	0.85	0.85	0.85
4	8.99	8.97	4.92	0.84	0.84	0.84
4	7.98	7.97	4.37	0.84	0.84	0.84
4	6.98	6.96	3.83	0.84	0.83	0.83
4	5.97	5.96	3.28	0.83	0.83	0.83
4	4.97	4.96	2.73	0.83	0.82	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.97	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.81	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.80

		***** Stresses *****		***** Pore Pressures *****		
	XI	Total	Effective	Total	Static	Excess
Material	29.66	192.05	25.43	166.62	144.53	22.09
1	29.48	203.59	25.85	177.74	155.64	22.09
1	29.30	215.10	26.27	188.83	166.73	22.10
1	29.13	226.59	26.69	199.90	177.80	22.10
1	28.95	238.06	27.12	210.94	188.84	22.10
1	28.77	249.50	27.54	221.96	199.86	22.10
1	28.60	260.91	27.96	232.96	210.85	22.10
1	28.42	272.31	28.38	243.93	221.82	22.11
1	28.25	283.67	28.80	254.87	232.76	22.11
1	28.07	295.02	29.22	265.79	243.68	22.11
1	27.90	306.34	29.65	276.69	254.58	22.11
1	27.90	306.34	29.65	276.69	254.58	22.11
2	26.58	428.91	63.61	365.30	336.42	28.87
2	25.29	550.15	93.83	456.32	416.94	39.39
2	24.02	670.17	133.67	536.51	496.23	40.28
2	22.77	788.99	177.86	611.13	574.31	36.81
2	21.54	906.54	224.52	682.02	651.14	30.89
2	20.33	1022.76	270.92	751.85	726.63	25.22
2	19.14	1137.65	314.18	823.48	800.79	22.69
2	17.97	1251.27	355.21	896.06	873.67	22.39
2	17.97	1251.27	355.21	896.06	873.67	22.39
3	17.17	1332.49	386.31	946.18	923.98	22.19
3	16.36	1413.59	414.66	998.93	974.18	24.75
3	15.56	1494.59	440.77	1053.81	1024.27	29.54
3						

3	14.76	1575.48	465.00	1110.48	1074.26	36.22
3	13.96	1656.29	487.60	1168.69	1124.16	44.53
3	13.16	1737.00	515.51	1221.49	1173.97	47.52
3	12.37	1817.64	546.42	1271.22	1223.70	47.52
3	11.57	1898.21	577.68	1320.53	1273.36	47.17
3	10.77	1978.70	610.52	1368.18	1322.94	45.24
3	9.98	2059.11	645.22	1413.88	1372.45	41.44
3	9.98	2059.11	645.22	1413.88	1372.45	41.44
4	8.97	2172.56	721.06	1451.50	1435.40	16.10
4	7.97	2285.83	783.64	1502.19	1498.18	4.01
4	6.96	2398.94	838.15	1560.79	1560.79	0.00
4	5.96	2511.91	888.65	1623.26	1623.26	0.00
4	4.96	2624.73	939.15	1685.59	1685.59	0.00
4	3.97	2737.43	986.60	1750.83	1747.79	3.05
4	2.97	2850.00	1032.88	1817.12	1809.86	7.26
4	1.98	2962.44	1079.99	1882.45	1871.80	10.65
4	0.99	3074.75	1128.53	1946.22	1933.61	12.61
4	0.00	3186.92	1178.55	2008.37	1995.29	13.08

Time = 730. Degree of Consolidation = 49.%

Total Settlement = 0.330

Settlement at End of Primary Consolidation = 0.680

Settlement caused by Primary Consolidation at time 730. =
0.330

Settlement caused by Secondary Compression at time 730. =
0.000

*****Current Conditions in Dredged Fill*****

***** Coordinates *****

***** Void Ratios *****

Material	A	XI	Z	Einitial	E	Eeop
5	4.50	2.32	0.45	9.11	9.11	9.11
5	4.45	2.26	0.44	9.11	8.76	8.61
5	4.39	2.21	0.43	9.11	8.43	8.11
5	4.34	2.16	0.43	9.11	8.11	7.60
5	4.28	2.11	0.42	9.11	7.82	7.10
5	4.23	2.06	0.42	9.11	7.55	6.60
5	4.17	2.02	0.41	9.11	7.30	6.10
5	4.12	1.97	0.41	9.11	7.07	5.60
5	4.06	1.93	0.40	9.11	6.86	5.10
5	4.01	1.89	0.40	9.11	6.66	4.79
5	3.95	1.85	0.39	9.11	6.49	4.78
5	3.90	1.81	0.39	9.11	6.32	4.78
5	3.84	1.77	0.38	9.11	6.17	4.77
5	3.79	1.73	0.37	9.11	6.03	4.76
5	3.73	1.69	0.37	9.11	5.91	4.76
5	3.68	1.65	0.36	9.11	5.80	4.75
5	3.62	1.62	0.36	9.11	5.69	4.75
5	3.57	1.58	0.35	9.11	5.60	4.74
5	3.51	1.54	0.35	9.11	5.51	4.65
5	3.46	1.51	0.34	9.11	5.44	4.53
5	3.40	1.47	0.34	9.11	5.37	4.42
5	3.40	1.47	0.34	9.11	5.37	4.42
5	3.35	1.44	0.33	9.11	5.30	4.30
5	3.29	1.41	0.33	9.11	5.24	4.18

5	3.24	1.37	0.32	9.11	5.18	4.07
5	3.18	1.34	0.31	9.11	5.13	3.95
5	3.13	1.31	0.31	9.11	5.08	3.84
5	3.07	1.27	0.30	9.11	5.04	3.72
5	3.02	1.24	0.30	9.11	5.01	3.60
5	2.96	1.21	0.29	9.11	4.97	3.49
5	2.91	1.17	0.29	9.11	4.94	3.37
5	2.85	1.14	0.28	9.11	4.91	3.26
5	2.80	1.11	0.28	9.11	4.89	3.14
5	2.74	1.08	0.27	9.11	4.87	3.02
5	2.69	1.05	0.27	9.11	4.85	2.91
5	2.63	1.01	0.26	9.11	4.83	2.79
5	2.58	0.98	0.25	9.11	4.82	2.67
5	2.52	0.95	0.25	9.11	4.80	2.56
5	2.47	0.92	0.24	9.11	4.79	2.44
5	2.41	0.89	0.24	9.11	4.77	2.33
5	2.36	0.86	0.23	9.11	4.76	2.21
5	2.30	0.83	0.23	9.11	4.74	2.09
5	2.30	0.83	0.23	9.11	4.74	2.09
5	2.25	0.80	0.22	9.11	4.38	1.98
5	2.19	0.77	0.22	9.11	4.12	1.86
5	2.14	0.74	0.21	9.11	3.91	1.74
5	2.08	0.71	0.21	9.11	3.74	1.74
5	2.02	0.69	0.20	9.11	3.59	1.73
5	1.97	0.66	0.19	9.11	3.47	1.73
5	1.91	0.64	0.19	9.11	3.36	1.73
5	1.86	0.62	0.18	9.11	3.26	1.73

5	1.80	0.59	0.18	9.11	3.16	1.72
5	1.75	0.57	0.17	9.11	3.08	1.72
5	1.70	0.55	0.17	9.11	3.00	1.72
5	1.64	0.53	0.16	9.11	2.93	1.72
5	1.59	0.51	0.16	9.11	2.87	1.71
5	1.53	0.48	0.15	9.11	2.80	1.71
5	1.48	0.46	0.15	9.11	2.75	1.71
5	1.42	0.44	0.14	9.11	2.69	1.70
5	1.37	0.42	0.14	9.11	2.64	1.70
5	1.31	0.40	0.13	9.11	2.59	1.70
5	1.26	0.39	0.12	9.11	2.54	1.70
5	1.20	0.37	0.12	9.11	2.49	1.69
5	1.20	0.37	0.12	9.11	2.49	1.69
5	1.14	0.35	0.11	9.11	2.44	1.69
5	1.08	0.33	0.11	9.11	2.40	1.69
5	1.02	0.31	0.10	9.11	2.35	1.68
5	0.96	0.29	0.09	9.11	2.31	1.68
5	0.90	0.27	0.09	9.11	2.26	1.68
5	0.84	0.25	0.08	9.11	2.22	1.67
5	0.78	0.23	0.08	9.11	2.18	1.67
5	0.72	0.21	0.07	9.11	2.14	1.67
5	0.66	0.19	0.07	9.11	2.11	1.67
5	0.60	0.17	0.06	9.11	2.07	1.66
5	0.54	0.15	0.05	9.11	2.03	1.66
5	0.48	0.14	0.05	9.11	2.00	1.66
5	0.42	0.12	0.04	9.11	1.96	1.65
5	0.36	0.10	0.04	9.11	1.93	1.65

5	0.30	0.08	0.03	9.11	1.90	1.65
5	0.24	0.07	0.02	9.11	1.86	1.64
5	0.18	0.05	0.02	9.11	1.83	1.64
5	0.12	0.03	0.01	9.11	1.80	1.64
5	0.06	0.02	0.01	9.11	1.77	1.63
5	0.00	0.00	0.00	9.11	1.74	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.32	0.00	0.00	0.00	0.00	0.00
5	2.26	3.95	0.41	3.54	3.37	0.17
5	2.21	7.79	0.79	7.00	6.63	0.37
5	2.16	11.52	1.15	10.36	9.77	0.59
5	2.11	15.14	1.49	13.65	12.82	0.84
5	2.06	18.67	1.80	16.87	15.77	1.10
5	2.02	22.11	2.09	20.02	18.63	1.40
5	1.97	25.47	2.36	23.12	21.41	1.71
5	1.93	28.76	2.60	26.15	24.11	2.04
5	1.89	31.97	2.83	29.14	26.75	2.40
5	1.85	35.12	3.04	32.09	29.32	2.77
5	1.81	38.22	3.23	34.99	31.83	3.16
5	1.77	41.26	3.40	37.86	34.29	3.57
5	1.73	44.25	3.56	40.69	36.70	3.99
5	1.69	47.20	3.70	43.49	39.07	4.43
5	1.65	50.10	3.84	46.27	41.39	4.88
5	1.62	52.97	3.96	49.02	43.68	5.34
5	1.58	55.81	4.06	51.75	45.94	5.81

5	1.54	58.62	4.16	54.46	48.16	6.29
5	1.51	61.40	4.25	57.15	50.36	6.79
5	1.47	64.15	4.33	59.82	52.53	7.29
5	1.47	64.15	4.33	59.82	52.53	7.29
5	1.44	66.88	4.41	62.47	54.68	7.79
5	1.41	69.59	4.48	65.11	56.81	8.30
5	1.37	72.28	4.55	67.73	58.92	8.81
5	1.34	74.95	4.61	70.34	61.01	9.33
5	1.31	77.60	4.66	72.94	63.08	9.86
5	1.27	80.24	4.71	75.53	65.14	10.39
5	1.24	82.87	4.75	78.11	67.18	10.93
5	1.21	85.48	4.79	80.69	69.22	11.47
5	1.17	88.08	4.82	83.26	71.24	12.02
5	1.14	90.67	4.86	85.82	73.25	12.57
5	1.11	93.26	4.88	88.37	75.25	13.12
5	1.08	95.84	4.91	90.93	77.25	13.68
5	1.05	98.41	4.93	93.47	79.24	14.24
5	1.01	100.97	4.95	96.02	81.22	14.80
5	0.98	103.53	4.97	98.55	83.20	15.36
5	0.95	106.08	4.99	101.09	85.17	15.92
5	0.92	108.63	5.21	103.41	87.14	16.28
5	0.89	111.17	6.51	104.66	89.10	15.56
5	0.86	113.71	7.98	105.73	91.06	14.68
5	0.83	116.24	9.88	106.36	93.01	13.35
5	0.83	116.24	9.88	106.36	93.01	13.35
5	0.80	118.71	11.78	106.92	94.89	12.03
5	0.77	121.07	13.11	107.96	96.67	11.29

5	0.74	123.35	14.14	109.21	98.37	10.83
5	0.71	125.57	15.00	110.57	100.01	10.56
5	0.69	127.73	15.73	112.01	101.60	10.41
5	0.66	129.85	16.36	113.49	103.13	10.36
5	0.64	131.93	16.92	115.01	104.63	10.38
5	0.62	133.97	17.42	116.55	106.09	10.46
5	0.59	135.98	17.88	118.11	107.52	10.58
5	0.57	137.96	18.29	119.67	108.92	10.75
5	0.55	139.92	18.68	121.24	110.29	10.95
5	0.53	141.84	19.03	122.81	111.64	11.17
5	0.51	143.75	19.36	124.38	112.96	11.42
5	0.48	145.63	19.68	125.96	114.27	11.69
5	0.46	147.49	19.97	127.53	115.55	11.98
5	0.44	149.34	20.25	129.09	116.81	12.28
5	0.42	151.16	20.51	130.65	118.05	12.60
5	0.40	152.97	20.76	132.21	119.28	12.93
5	0.39	154.76	21.00	133.76	120.49	13.27
5	0.37	156.53	21.23	135.31	121.68	13.62
5	0.37	156.53	21.23	135.31	121.68	13.62
5	0.35	158.45	21.48	136.98	122.97	14.01
5	0.33	160.35	21.71	138.64	124.24	14.40
5	0.31	162.24	21.94	140.29	125.49	14.81
5	0.29	164.10	22.16	141.94	126.72	15.22
5	0.27	165.95	22.38	143.58	127.94	15.64
5	0.25	167.79	22.59	145.20	129.14	16.07
5	0.23	169.61	22.79	146.82	130.32	16.50
5	0.21	171.41	22.98	148.43	131.49	16.94

5	0.19	173.20	23.17	150.03	132.65	17.38
5	0.17	174.98	23.35	151.63	133.80	17.83
5	0.15	176.74	23.54	153.21	134.92	18.28
5	0.14	178.49	23.71	154.78	136.04	18.74
5	0.12	180.23	23.88	156.35	137.15	19.20
5	0.10	181.96	24.05	157.90	138.24	19.67
5	0.08	183.67	24.22	159.45	139.31	20.13
5	0.07	185.37	24.39	160.98	140.38	20.60
5	0.05	187.06	24.55	162.51	141.44	21.07
5	0.03	188.73	24.71	164.03	142.48	21.55
5	0.02	190.40	24.86	165.53	143.51	22.03
5	0.00	192.05	25.43	166.62	144.53	22.09

Time = 730. Degree of Consolidation = 81.%

Total Settlement = 2.184

Settlement at End of Primary Consolidation = 2.695

Settlement caused by Primary Consolidation at time 730. = 2.184

Settlement caused by Secondary Compression at time 730. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.49

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.65	12.05	24.00	21.07	18.53

1	29.79	29.47	12.04	23.95	21.03	18.49
1	29.59	29.29	12.03	23.90	20.98	18.44
1	29.39	29.11	12.03	23.85	20.93	18.39
1	29.19	28.94	12.02	23.81	20.88	18.34
1	28.99	28.76	12.01	23.76	20.83	18.29
1	28.79	28.58	12.00	23.71	20.78	18.24
1	28.59	28.41	11.99	23.66	20.74	18.19
1	28.39	28.23	11.99	23.61	20.69	18.15
1	28.19	28.06	11.98	23.56	20.64	18.10
1	27.99	27.88	11.97	23.51	20.59	18.05
2	27.99	27.88	11.97	2.20	2.16	2.13
2	26.66	26.57	11.55	2.14	2.11	2.06
2	25.36	25.28	11.13	2.07	2.06	2.01
2	24.09	24.01	10.71	2.02	2.01	1.97
2	22.83	22.76	10.30	1.98	1.96	1.93
2	21.60	21.53	9.88	1.93	1.91	1.88
2	20.38	20.33	9.46	1.89	1.86	1.84
2	19.18	19.14	9.04	1.84	1.81	1.79
2	18.00	17.97	8.62	1.80	1.76	1.74
2	18.00	17.97	8.62	1.56	1.56	1.55
3	17.19	17.17	8.31	1.56	1.55	1.55
3	16.38	16.36	7.99	1.55	1.55	1.54
3	15.58	15.56	7.68	1.55	1.54	1.54
3	14.78	14.76	7.36	1.54	1.54	1.53
3	13.98	13.96	7.05	1.53	1.53	1.53
3	13.18	13.16	6.73	1.53	1.53	1.52
3	12.38	12.36	6.41	1.52	1.52	1.52

3	11.59	11.57	6.10	1.52	1.52	1.52
3	10.79	10.77	5.78	1.52	1.52	1.51
3	10.00	9.98	5.47	1.51	1.51	1.51
4	10.00	9.98	5.47	0.85	0.85	0.85
4	8.99	8.97	4.92	0.84	0.84	0.84
4	7.98	7.97	4.37	0.84	0.84	0.84
4	6.98	6.96	3.83	0.84	0.83	0.83
4	5.97	5.96	3.28	0.83	0.83	0.83
4	4.97	4.96	2.73	0.83	0.82	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.97	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.81	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.80

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.65	192.05	25.44	166.61	144.53	22.09
1	29.47	203.59	25.86	177.73	155.64	22.09
1	29.29	215.10	26.28	188.82	166.73	22.09
1	29.11	226.59	26.70	199.89	177.80	22.09
1	28.94	238.06	27.12	210.93	188.84	22.09
1	28.76	249.50	27.54	221.95	199.86	22.09
1	28.58	260.91	27.97	232.95	210.85	22.10
1	28.41	272.30	28.39	243.92	221.82	22.10
1	28.23	283.67	28.81	254.86	232.76	22.10
1	28.06	295.01	29.23	265.78	243.68	22.10

1	27.88	306.33	29.65	276.68	254.57	22.10
2	27.88	306.33	29.65	276.68	254.57	22.10
2	26.57	428.89	64.46	364.42	336.40	28.02
2	25.28	550.08	95.28	454.80	416.86	37.93
2	24.01	670.03	136.69	533.34	496.08	37.26
2	22.76	788.75	181.78	606.96	574.07	32.89
2	21.53	906.18	229.12	677.07	650.77	26.29
2	20.33	1022.27	275.14	747.13	726.14	20.99
2	19.14	1137.04	317.76	819.28	800.18	19.10
2	17.97	1250.56	357.83	892.73	872.97	19.76
2	17.97	1250.56	357.83	892.73	872.97	19.76
3	17.17	1331.77	388.31	943.46	923.27	20.19
3	16.36	1412.87	416.14	996.73	973.46	23.27
3	15.56	1493.86	441.80	1052.06	1023.54	28.51
3	14.76	1574.75	465.65	1109.11	1073.53	35.57
3	13.96	1655.56	487.91	1167.65	1123.43	44.22
3	13.16	1736.27	515.51	1220.76	1173.24	47.52
3	12.36	1816.91	546.42	1270.49	1222.97	47.52
3	11.57	1897.48	577.68	1319.80	1272.63	47.17
3	10.77	1977.97	610.52	1367.45	1322.21	45.24
3	9.98	2058.38	645.22	1413.15	1371.71	41.44
3	9.98	2058.38	645.22	1413.15	1371.71	41.44
4	8.97	2171.83	721.06	1450.77	1434.67	16.10
4	7.97	2285.10	783.64	1501.46	1497.44	4.01
4	6.96	2398.21	838.15	1560.06	1560.06	0.00
4	5.96	2511.17	888.65	1622.53	1622.53	0.00
4	4.96	2624.00	939.15	1684.86	1684.86	0.00

4	3.97	2736.70	987.21	1749.48	1747.05	2.43
4	2.97	2849.26	1034.04	1815.22	1809.12	6.10
4	1.98	2961.70	1081.60	1880.10	1871.06	9.03
4	0.99	3074.00	1130.42	1943.58	1932.87	10.71
4	0.00	3186.17	1180.52	2005.65	1994.54	11.11

Time = 1095. Degree of Consolidation = 50.%

Total Settlement = 0.342

Settlement at End of Primary Consolidation = 0.680

Settlement caused by Primary Consolidation at time 1095. = 0.342

Settlement caused by Secondary Compression at time 1095. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	4.50	2.32	0.45	9.11	9.11	9.11
5	4.45	2.26	0.44	9.11	8.76	8.61
5	4.39	2.21	0.43	9.11	8.43	8.11
5	4.34	2.16	0.43	9.11	8.11	7.60
5	4.28	2.11	0.42	9.11	7.82	7.10
5	4.23	2.06	0.42	9.11	7.55	6.60
5	4.17	2.02	0.41	9.11	7.30	6.10
5	4.12	1.97	0.41	9.11	7.07	5.60
5	4.06	1.93	0.40	9.11	6.86	5.10
5	4.01	1.89	0.40	9.11	6.66	4.79

5	3.95	1.85	0.39	9.11	6.49	4.78
5	3.90	1.81	0.39	9.11	6.32	4.78
5	3.84	1.77	0.38	9.11	6.17	4.77
5	3.79	1.73	0.37	9.11	6.03	4.76
5	3.73	1.69	0.37	9.11	5.91	4.76
5	3.68	1.65	0.36	9.11	5.80	4.75
5	3.62	1.62	0.36	9.11	5.69	4.75
5	3.57	1.58	0.35	9.11	5.60	4.74
5	3.51	1.54	0.35	9.11	5.51	4.65
5	3.46	1.51	0.34	9.11	5.44	4.53
5	3.40	1.47	0.34	9.11	5.37	4.42
5	3.40	1.47	0.34	9.11	5.37	4.42
5	3.35	1.44	0.33	9.11	5.30	4.30
5	3.29	1.41	0.33	9.11	5.24	4.18
5	3.24	1.37	0.32	9.11	5.18	4.07
5	3.18	1.34	0.31	9.11	5.13	3.95
5	3.13	1.31	0.31	9.11	5.08	3.84
5	3.07	1.27	0.30	9.11	5.04	3.72
5	3.02	1.24	0.30	9.11	5.01	3.60
5	2.96	1.21	0.29	9.11	4.97	3.49
5	2.91	1.17	0.29	9.11	4.94	3.37
5	2.85	1.14	0.28	9.11	4.91	3.26
5	2.80	1.11	0.28	9.11	4.89	3.14
5	2.74	1.08	0.27	9.11	4.87	3.02
5	2.69	1.05	0.27	9.11	4.85	2.91
5	2.63	1.01	0.26	9.11	4.83	2.79
5	2.58	0.98	0.25	9.11	4.82	2.67

5	2.52	0.95	0.25	9.11	4.80	2.56
5	2.47	0.92	0.24	9.11	4.79	2.44
5	2.41	0.89	0.24	9.11	4.77	2.33
5	2.36	0.86	0.23	9.11	4.76	2.21
5	2.30	0.83	0.23	9.11	4.74	2.09
5	2.30	0.83	0.23	9.11	4.74	2.09
5	2.25	0.80	0.22	9.11	4.38	1.98
5	2.19	0.77	0.22	9.11	4.12	1.86
5	2.14	0.74	0.21	9.11	3.91	1.74
5	2.08	0.71	0.21	9.11	3.74	1.74
5	2.02	0.69	0.20	9.11	3.59	1.73
5	1.97	0.66	0.19	9.11	3.47	1.73
5	1.91	0.64	0.19	9.11	3.36	1.73
5	1.86	0.62	0.18	9.11	3.26	1.73
5	1.80	0.59	0.18	9.11	3.16	1.72
5	1.75	0.57	0.17	9.11	3.08	1.72
5	1.70	0.55	0.17	9.11	3.00	1.72
5	1.64	0.53	0.16	9.11	2.93	1.72
5	1.59	0.51	0.16	9.11	2.87	1.71
5	1.53	0.48	0.15	9.11	2.80	1.71
5	1.48	0.46	0.15	9.11	2.75	1.71
5	1.42	0.44	0.14	9.11	2.69	1.70
5	1.37	0.42	0.14	9.11	2.64	1.70
5	1.31	0.40	0.13	9.11	2.59	1.70
5	1.26	0.39	0.12	9.11	2.54	1.70
5	1.20	0.37	0.12	9.11	2.49	1.69
5	1.20	0.37	0.12	9.11	2.49	1.69

5	1.14	0.35	0.11	9.11	2.44	1.69
5	1.08	0.33	0.11	9.11	2.40	1.69
5	1.02	0.31	0.10	9.11	2.35	1.68
5	0.96	0.29	0.09	9.11	2.31	1.68
5	0.90	0.27	0.09	9.11	2.26	1.68
5	0.84	0.25	0.08	9.11	2.22	1.67
5	0.78	0.23	0.08	9.11	2.18	1.67
5	0.72	0.21	0.07	9.11	2.14	1.67
5	0.66	0.19	0.07	9.11	2.11	1.67
5	0.60	0.17	0.06	9.11	2.07	1.66
5	0.54	0.15	0.05	9.11	2.03	1.66
5	0.48	0.14	0.05	9.11	2.00	1.66
5	0.42	0.12	0.04	9.11	1.96	1.65
5	0.36	0.10	0.04	9.11	1.93	1.65
5	0.30	0.08	0.03	9.11	1.90	1.65
5	0.24	0.07	0.02	9.11	1.86	1.64
5	0.18	0.05	0.02	9.11	1.83	1.64
5	0.12	0.03	0.01	9.11	1.80	1.64
5	0.06	0.02	0.01	9.11	1.77	1.63
5	0.00	0.00	0.00	9.11	1.74	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.32	0.00	0.00	0.00	0.00	0.00
5	2.26	3.95	0.41	3.54	3.37	0.17
5	2.21	7.79	0.79	7.00	6.63	0.37
5	2.16	11.52	1.15	10.36	9.77	0.59

5	2.11	15.14	1.49	13.65	12.82	0.84
5	2.06	18.67	1.80	16.87	15.77	1.10
5	2.02	22.11	2.09	20.02	18.63	1.40
5	1.97	25.47	2.36	23.12	21.41	1.71
5	1.93	28.76	2.60	26.15	24.11	2.04
5	1.89	31.97	2.83	29.14	26.75	2.40
5	1.85	35.12	3.04	32.09	29.32	2.77
5	1.81	38.22	3.23	34.99	31.83	3.16
5	1.77	41.26	3.40	37.86	34.29	3.57
5	1.73	44.25	3.56	40.69	36.70	3.99
5	1.69	47.20	3.70	43.49	39.07	4.43
5	1.65	50.10	3.84	46.27	41.39	4.88
5	1.62	52.97	3.96	49.02	43.68	5.34
5	1.58	55.81	4.06	51.75	45.94	5.81
5	1.54	58.62	4.16	54.46	48.16	6.29
5	1.51	61.40	4.25	57.15	50.36	6.79
5	1.47	64.15	4.33	59.82	52.53	7.29
5	1.47	64.15	4.33	59.82	52.53	7.29
5	1.44	66.88	4.41	62.47	54.68	7.79
5	1.41	69.59	4.48	65.11	56.81	8.30
5	1.37	72.28	4.55	67.73	58.92	8.81
5	1.34	74.95	4.61	70.34	61.01	9.33
5	1.31	77.60	4.66	72.94	63.08	9.86
5	1.27	80.24	4.71	75.53	65.14	10.39
5	1.24	82.87	4.75	78.11	67.18	10.93
5	1.21	85.48	4.79	80.69	69.22	11.47
5	1.17	88.08	4.82	83.26	71.24	12.02

5	1.14	90.67	4.86	85.82	73.25	12.57
5	1.11	93.26	4.88	88.37	75.25	13.12
5	1.08	95.84	4.91	90.93	77.25	13.68
5	1.05	98.41	4.93	93.47	79.24	14.24
5	1.01	100.97	4.95	96.02	81.22	14.80
5	0.98	103.53	4.97	98.55	83.20	15.36
5	0.95	106.08	4.99	101.09	85.17	15.92
5	0.92	108.63	5.21	103.41	87.14	16.28
5	0.89	111.17	6.51	104.66	89.10	15.56
5	0.86	113.71	7.98	105.73	91.06	14.68
5	0.83	116.24	9.88	106.36	93.01	13.35
5	0.83	116.24	9.88	106.36	93.01	13.35
5	0.80	118.71	11.78	106.92	94.89	12.03
5	0.77	121.07	13.11	107.96	96.67	11.29
5	0.74	123.35	14.14	109.21	98.37	10.83
5	0.71	125.57	15.00	110.57	100.01	10.56
5	0.69	127.73	15.73	112.01	101.60	10.41
5	0.66	129.85	16.36	113.49	103.13	10.36
5	0.64	131.93	16.92	115.01	104.63	10.38
5	0.62	133.97	17.42	116.55	106.09	10.46
5	0.59	135.98	17.88	118.11	107.52	10.58
5	0.57	137.96	18.29	119.67	108.92	10.75
5	0.55	139.92	18.68	121.24	110.29	10.95
5	0.53	141.84	19.03	122.81	111.64	11.17
5	0.51	143.75	19.36	124.38	112.96	11.42
5	0.48	145.63	19.68	125.96	114.27	11.69
5	0.46	147.49	19.97	127.52	115.55	11.98

5	0.44	149.34	20.25	129.09	116.81	12.28
5	0.42	151.16	20.51	130.65	118.05	12.60
5	0.40	152.97	20.76	132.21	119.28	12.93
5	0.39	154.76	21.00	133.76	120.49	13.27
5	0.37	156.53	21.23	135.31	121.68	13.62
5	0.37	156.53	21.23	135.31	121.68	13.62
5	0.35	158.45	21.48	136.98	122.97	14.01
5	0.33	160.35	21.71	138.64	124.24	14.40
5	0.31	162.24	21.94	140.29	125.49	14.81
5	0.29	164.10	22.17	141.94	126.72	15.22
5	0.27	165.95	22.38	143.57	127.94	15.64
5	0.25	167.79	22.59	145.20	129.14	16.07
5	0.23	169.61	22.79	146.82	130.32	16.50
5	0.21	171.41	22.98	148.43	131.49	16.94
5	0.19	173.20	23.17	150.03	132.65	17.38
5	0.17	174.98	23.36	151.63	133.79	17.83
5	0.15	176.74	23.54	153.21	134.92	18.28
5	0.14	178.49	23.71	154.78	136.04	18.74
5	0.12	180.23	23.89	156.35	137.14	19.20
5	0.10	181.96	24.05	157.90	138.24	19.67
5	0.08	183.67	24.22	159.45	139.31	20.13
5	0.07	185.37	24.39	160.98	140.38	20.60
5	0.05	187.06	24.55	162.51	141.43	21.07
5	0.03	188.73	24.71	164.03	142.48	21.55
5	0.02	190.40	24.86	165.53	143.51	22.02
5	0.00	192.05	25.44	166.61	144.53	22.09

Time = 1095. Degree of Consolidation = 81.%

Total Settlement = 2.184
 Settlement at End of Primary Consolidation = 2.695
 Settlement caused by Primary Consolidation at time 1095. =
 2.184
 Settlement caused by Secondary Compression at time 1095. =
 0.000
 Settlement Due to Desiccation = 0.000
 Surface Elevation = 1.47

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.64	12.05	24.00	21.07	18.53
1	29.79	29.46	12.04	23.95	21.03	18.49
1	29.59	29.28	12.03	23.90	20.98	18.44
1	29.39	29.10	12.03	23.85	20.93	18.39
1	29.19	28.93	12.02	23.81	20.88	18.34
1	28.99	28.75	12.01	23.76	20.83	18.29
1	28.79	28.58	12.00	23.71	20.78	18.24
1	28.59	28.40	11.99	23.66	20.73	18.19
1	28.39	28.22	11.99	23.61	20.69	18.15
1	28.19	28.05	11.98	23.56	20.64	18.10
1	27.99	27.87	11.97	23.51	20.59	18.05
2	27.99	27.87	11.97	2.20	2.16	2.13
2	26.66	26.56	11.55	2.14	2.11	2.06
2	25.36	25.27	11.13	2.07	2.06	2.01

2	24.09	24.01	10.71	2.02	2.01	1.97
2	22.83	22.76	10.30	1.98	1.96	1.93
2	21.60	21.53	9.88	1.93	1.91	1.88
2	20.38	20.32	9.46	1.89	1.86	1.84
2	19.18	19.14	9.04	1.84	1.81	1.79
2	18.00	17.97	8.62	1.80	1.76	1.74
3	18.00	17.97	8.62	1.56	1.56	1.55
3	17.19	17.17	8.31	1.56	1.55	1.55
3	16.38	16.36	7.99	1.55	1.55	1.54
3	15.58	15.56	7.68	1.55	1.54	1.54
3	14.78	14.76	7.36	1.54	1.54	1.53
3	13.98	13.96	7.05	1.53	1.53	1.53
3	13.18	13.16	6.73	1.53	1.53	1.52
3	12.38	12.36	6.41	1.52	1.52	1.52
3	11.59	11.57	6.10	1.52	1.52	1.52
3	10.79	10.77	5.78	1.52	1.52	1.51
3	10.00	9.98	5.47	1.51	1.51	1.51
4	10.00	9.98	5.47	0.85	0.85	0.85
4	8.99	8.97	4.92	0.84	0.84	0.84
4	7.98	7.97	4.37	0.84	0.84	0.84
4	6.98	6.96	3.83	0.84	0.83	0.83
4	5.97	5.96	3.28	0.83	0.83	0.83
4	4.97	4.96	2.73	0.83	0.82	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.97	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.81	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81

4	0.00	0.00	0.00	0.81	0.81	0.80
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***** Stresses ***** ***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.64	192.05	25.44	166.61	144.53	22.08
1	29.46	203.59	25.86	177.72	155.64	22.08
1	29.28	215.10	26.28	188.82	166.73	22.08
1	29.10	226.59	26.71	199.88	177.80	22.09
1	28.93	238.05	27.13	210.93	188.84	22.09
1	28.75	249.49	27.55	221.94	199.85	22.09
1	28.58	260.91	27.97	232.94	210.85	22.09
1	28.40	272.30	28.39	243.91	221.81	22.09
1	28.22	283.67	28.82	254.85	232.76	22.09
1	28.05	295.01	29.24	265.77	243.68	22.09
1	27.87	306.33	29.66	276.67	254.57	22.10
1	27.87	306.33	29.66	276.67	254.57	22.10
2	26.56	428.87	65.14	363.73	336.38	27.35
2	25.27	550.02	96.44	453.58	416.81	36.78
2	24.01	669.91	139.12	530.79	495.97	34.83
2	22.76	788.55	184.99	603.56	573.88	29.68
2	21.53	905.89	232.94	672.94	650.48	22.46
2	20.32	1021.87	278.71	743.16	725.74	17.43
2	19.14	1136.54	320.80	815.74	799.68	16.06
2	17.97	1249.98	360.04	889.94	872.38	17.55
2	17.97	1249.98	360.04	889.94	872.38	17.55
3	17.17	1331.18	390.00	941.18	922.68	18.50
3	16.36	1412.27	417.39	994.88	972.86	22.02
3						

3	15.56	1493.26	442.68	1050.58	1022.94	27.63
3	14.76	1574.15	466.20	1107.95	1072.93	35.02
3	13.96	1654.95	488.17	1166.78	1122.82	43.96
3	13.16	1735.67	515.51	1220.15	1172.63	47.52
3	12.36	1816.31	546.42	1269.89	1222.36	47.52
3	11.57	1896.87	577.68	1319.19	1272.02	47.17
3	10.77	1977.36	610.52	1366.84	1321.61	45.24
3	9.98	2057.77	645.22	1412.55	1371.11	41.44
4	9.98	2057.77	645.22	1412.55	1371.11	41.44
4	8.97	2171.23	721.06	1450.17	1434.07	16.10
4	7.97	2284.49	783.64	1500.85	1496.84	4.01
4	6.96	2397.60	838.15	1559.45	1559.45	0.00
4	5.96	2510.57	888.65	1621.92	1621.92	0.00
4	4.96	2623.40	939.15	1684.25	1684.25	0.00
4	3.97	2736.09	987.26	1748.83	1746.45	2.38
4	2.97	2848.66	1034.13	1814.53	1808.52	6.01
4	1.98	2961.09	1081.73	1879.37	1870.46	8.91
4	0.99	3073.40	1130.57	1942.82	1932.27	10.56
4	0.00	3185.57	1180.67	2004.89	1993.94	10.95

Time = 1825. Degree of Consolidation = 52.%

Total Settlement = 0.352

Settlement at End of Primary Consolidation = 0.680

Settlement caused by Primary Consolidation at time 1825. =
0.352

Settlement caused by Secondary Compression at time 1825. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	4.50	2.32	0.45	9.11	9.11	9.11
5	4.45	2.26	0.44	9.11	8.76	8.61
5	4.39	2.21	0.43	9.11	8.43	8.11
5	4.34	2.16	0.43	9.11	8.11	7.60
5	4.28	2.11	0.42	9.11	7.82	7.10
5	4.23	2.06	0.42	9.11	7.55	6.60
5	4.17	2.02	0.41	9.11	7.30	6.10
5	4.12	1.97	0.41	9.11	7.07	5.60
5	4.06	1.93	0.40	9.11	6.86	5.10
5	4.01	1.89	0.40	9.11	6.66	4.79
5	3.95	1.85	0.39	9.11	6.49	4.78
5	3.90	1.81	0.39	9.11	6.32	4.78
5	3.84	1.77	0.38	9.11	6.17	4.77
5	3.79	1.73	0.37	9.11	6.03	4.76
5	3.73	1.69	0.37	9.11	5.91	4.76
5	3.68	1.65	0.36	9.11	5.80	4.75
5	3.62	1.62	0.36	9.11	5.69	4.75
5	3.57	1.58	0.35	9.11	5.60	4.74
5	3.51	1.54	0.35	9.11	5.51	4.65
5	3.46	1.51	0.34	9.11	5.44	4.53
5	3.40	1.47	0.34	9.11	5.37	4.42
5	3.40	1.47	0.34	9.11	5.37	4.42
5	3.35	1.44	0.33	9.11	5.30	4.30

5	3.29	1.41	0.33	9.11	5.24	4.18
5	3.24	1.37	0.32	9.11	5.18	4.07
5	3.18	1.34	0.31	9.11	5.13	3.95
5	3.13	1.31	0.31	9.11	5.08	3.84
5	3.07	1.27	0.30	9.11	5.04	3.72
5	3.02	1.24	0.30	9.11	5.01	3.60
5	2.96	1.21	0.29	9.11	4.97	3.49
5	2.91	1.17	0.29	9.11	4.94	3.37
5	2.85	1.14	0.28	9.11	4.91	3.26
5	2.80	1.11	0.28	9.11	4.89	3.14
5	2.74	1.08	0.27	9.11	4.87	3.02
5	2.69	1.05	0.27	9.11	4.85	2.91
5	2.63	1.01	0.26	9.11	4.83	2.79
5	2.58	0.98	0.25	9.11	4.82	2.67
5	2.52	0.95	0.25	9.11	4.80	2.56
5	2.47	0.92	0.24	9.11	4.79	2.44
5	2.41	0.89	0.24	9.11	4.77	2.33
5	2.36	0.86	0.23	9.11	4.76	2.21
5	2.30	0.83	0.23	9.11	4.74	2.09
5	2.30	0.83	0.23	9.11	4.74	2.09
5	2.25	0.80	0.22	9.11	4.38	1.98
5	2.19	0.77	0.22	9.11	4.12	1.86
5	2.14	0.74	0.21	9.11	3.91	1.74
5	2.08	0.71	0.21	9.11	3.74	1.74
5	2.02	0.69	0.20	9.11	3.59	1.73
5	1.97	0.66	0.19	9.11	3.47	1.73
5	1.91	0.64	0.19	9.11	3.36	1.73

5	1.86	0.62	0.18	9.11	3.26	1.73
5	1.80	0.59	0.18	9.11	3.16	1.72
5	1.75	0.57	0.17	9.11	3.08	1.72
5	1.70	0.55	0.17	9.11	3.00	1.72
5	1.64	0.53	0.16	9.11	2.93	1.72
5	1.59	0.51	0.16	9.11	2.87	1.71
5	1.53	0.48	0.15	9.11	2.80	1.71
5	1.48	0.46	0.15	9.11	2.75	1.71
5	1.42	0.44	0.14	9.11	2.69	1.70
5	1.37	0.42	0.14	9.11	2.64	1.70
5	1.31	0.40	0.13	9.11	2.59	1.70
5	1.26	0.39	0.12	9.11	2.54	1.70
5	1.20	0.37	0.12	9.11	2.49	1.69
5	1.20	0.37	0.12	9.11	2.49	1.69
5	1.14	0.35	0.11	9.11	2.44	1.69
5	1.08	0.33	0.11	9.11	2.40	1.69
5	1.02	0.31	0.10	9.11	2.35	1.68
5	0.96	0.29	0.09	9.11	2.31	1.68
5	0.90	0.27	0.09	9.11	2.26	1.68
5	0.84	0.25	0.08	9.11	2.22	1.67
5	0.78	0.23	0.08	9.11	2.18	1.67
5	0.72	0.21	0.07	9.11	2.14	1.67
5	0.66	0.19	0.07	9.11	2.11	1.67
5	0.60	0.17	0.06	9.11	2.07	1.66
5	0.54	0.15	0.05	9.11	2.03	1.66
5	0.48	0.14	0.05	9.11	2.00	1.66
5	0.42	0.12	0.04	9.11	1.96	1.65

5	0.36	0.10	0.04	9.11	1.93	1.65
5	0.30	0.08	0.03	9.11	1.90	1.65
5	0.24	0.07	0.02	9.11	1.86	1.64
5	0.18	0.05	0.02	9.11	1.83	1.64
5	0.12	0.03	0.01	9.11	1.80	1.64
5	0.06	0.02	0.01	9.11	1.77	1.63
5	0.00	0.00	0.00	9.11	1.74	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.32	0.00	0.00	0.00	0.00	0.00
5	2.26	3.95	0.41	3.54	3.37	0.17
5	2.21	7.79	0.79	7.00	6.63	0.37
5	2.16	11.52	1.15	10.36	9.77	0.59
5	2.11	15.14	1.49	13.65	12.82	0.84
5	2.06	18.67	1.80	16.87	15.77	1.10
5	2.02	22.11	2.09	20.02	18.63	1.40
5	1.97	25.47	2.36	23.12	21.41	1.71
5	1.93	28.76	2.60	26.15	24.11	2.04
5	1.89	31.97	2.83	29.14	26.75	2.40
5	1.85	35.12	3.04	32.09	29.32	2.77
5	1.81	38.22	3.23	34.99	31.83	3.16
5	1.77	41.26	3.40	37.86	34.29	3.57
5	1.73	44.25	3.56	40.69	36.70	3.99
5	1.69	47.20	3.70	43.49	39.07	4.43
5	1.65	50.10	3.84	46.27	41.39	4.88
5	1.62	52.97	3.96	49.02	43.68	5.34

5	1.58	55.81	4.06	51.75	45.94	5.81
5	1.54	58.62	4.16	54.46	48.16	6.29
5	1.51	61.40	4.25	57.15	50.36	6.79
5	1.47	64.15	4.33	59.82	52.53	7.29
5	1.47	64.15	4.33	59.82	52.53	7.29
5	1.44	66.88	4.41	62.47	54.68	7.79
5	1.41	69.59	4.48	65.11	56.81	8.30
5	1.37	72.28	4.55	67.73	58.92	8.81
5	1.34	74.95	4.61	70.34	61.01	9.33
5	1.31	77.60	4.66	72.94	63.08	9.86
5	1.27	80.24	4.71	75.53	65.14	10.39
5	1.24	82.87	4.75	78.11	67.18	10.93
5	1.21	85.48	4.79	80.69	69.22	11.47
5	1.17	88.08	4.82	83.26	71.24	12.02
5	1.14	90.67	4.86	85.82	73.25	12.57
5	1.11	93.26	4.88	88.37	75.25	13.12
5	1.08	95.84	4.91	90.93	77.25	13.68
5	1.05	98.41	4.93	93.47	79.24	14.24
5	1.01	100.97	4.95	96.02	81.22	14.80
5	0.98	103.53	4.97	98.55	83.20	15.36
5	0.95	106.08	4.99	101.09	85.17	15.92
5	0.92	108.63	5.21	103.41	87.14	16.28
5	0.89	111.17	6.51	104.66	89.10	15.56
5	0.86	113.71	7.98	105.73	91.06	14.68
5	0.83	116.24	9.88	106.36	93.01	13.35
5	0.83	116.24	9.88	106.36	93.01	13.35
5	0.80	118.71	11.78	106.92	94.89	12.03

5	0.77	121.07	13.11	107.96	96.67	11.29
5	0.74	123.35	14.14	109.21	98.37	10.83
5	0.71	125.57	15.00	110.57	100.01	10.56
5	0.69	127.73	15.73	112.01	101.60	10.41
5	0.66	129.85	16.36	113.49	103.13	10.36
5	0.64	131.93	16.92	115.01	104.63	10.38
5	0.62	133.97	17.42	116.55	106.09	10.46
5	0.59	135.98	17.88	118.11	107.52	10.58
5	0.57	137.96	18.29	119.67	108.92	10.75
5	0.55	139.92	18.68	121.24	110.29	10.95
5	0.53	141.84	19.03	122.81	111.64	11.17
5	0.51	143.75	19.36	124.38	112.96	11.42
5	0.48	145.63	19.68	125.96	114.27	11.69
5	0.46	147.49	19.97	127.52	115.55	11.98
5	0.44	149.34	20.25	129.09	116.81	12.28
5	0.42	151.16	20.51	130.65	118.05	12.60
5	0.40	152.97	20.76	132.21	119.28	12.93
5	0.39	154.76	21.00	133.76	120.49	13.27
5	0.37	156.53	21.23	135.31	121.68	13.62
5	0.37	156.53	21.23	135.31	121.68	13.62
5	0.35	158.45	21.48	136.98	122.97	14.01
5	0.33	160.35	21.71	138.64	124.24	14.40
5	0.31	162.24	21.94	140.29	125.49	14.81
5	0.29	164.10	22.17	141.94	126.72	15.22
5	0.27	165.95	22.38	143.57	127.94	15.64
5	0.25	167.79	22.59	145.20	129.14	16.07
5	0.23	169.61	22.79	146.82	130.32	16.50

5	0.21	171.41	22.98	148.43	131.49	16.94
5	0.19	173.20	23.17	150.03	132.65	17.38
5	0.17	174.98	23.36	151.63	133.79	17.83
5	0.15	176.74	23.54	153.21	134.92	18.28
5	0.14	178.49	23.71	154.78	136.04	18.74
5	0.12	180.23	23.89	156.35	137.14	19.20
5	0.10	181.96	24.06	157.90	138.24	19.67
5	0.08	183.67	24.22	159.45	139.31	20.13
5	0.07	185.37	24.39	160.98	140.38	20.60
5	0.05	187.06	24.55	162.51	141.43	21.07
5	0.03	188.73	24.71	164.03	142.48	21.55
5	0.02	190.40	24.86	165.53	143.51	22.02
5	0.00	192.05	25.44	166.61	144.53	22.08

Time = 1825. Degree of Consolidation = 81.%

Total Settlement = 2.184

Settlement at End of Primary Consolidation = 2.695

Settlement caused by Primary Consolidation at time 1825. = 2.184

Settlement caused by Secondary Compression at time 1825. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.46

*****Current Conditions in Compressible Foundation*****

***** Coordinates *****			***** Void Ratios *****		
A	XI	Z	Einitial	E	Eeop
Material					

1	29.99	29.63	12.05	24.00	21.07	18.53
1	29.79	29.46	12.04	23.95	21.03	18.49
1	29.59	29.28	12.03	23.90	20.98	18.44
1	29.39	29.10	12.03	23.85	20.93	18.39
1	29.19	28.92	12.02	23.81	20.88	18.34
1	28.99	28.75	12.01	23.76	20.83	18.29
1	28.79	28.57	12.00	23.71	20.78	18.24
1	28.59	28.40	11.99	23.66	20.73	18.19
1	28.39	28.22	11.99	23.61	20.69	18.15
1	28.19	28.05	11.98	23.56	20.64	18.10
1	27.99	27.87	11.97	23.51	20.59	18.05
2	27.99	27.87	11.97	2.20	2.16	2.13
2	26.66	26.56	11.55	2.14	2.11	2.06
2	25.36	25.27	11.13	2.07	2.05	2.01
2	24.09	24.00	10.71	2.02	2.01	1.97
2	22.83	22.75	10.30	1.98	1.96	1.93
2	21.60	21.53	9.88	1.93	1.91	1.88
2	20.38	20.32	9.46	1.89	1.86	1.84
2	19.18	19.14	9.04	1.84	1.81	1.79
2	18.00	17.97	8.62	1.80	1.76	1.74
3	18.00	17.97	8.62	1.56	1.56	1.55
3	17.19	17.17	8.31	1.56	1.55	1.55
3	16.38	16.36	7.99	1.55	1.55	1.54
3	15.58	15.56	7.68	1.55	1.54	1.54
3	14.78	14.76	7.36	1.54	1.54	1.53
3	13.98	13.96	7.05	1.53	1.53	1.53
3	13.18	13.16	6.73	1.53	1.53	1.52

3	12.38	12.36	6.41	1.52	1.52	1.52
3	11.59	11.57	6.10	1.52	1.52	1.52
3	10.79	10.77	5.78	1.52	1.52	1.51
3	10.00	9.98	5.47	1.51	1.51	1.51
4	10.00	9.98	5.47	0.85	0.85	0.85
4	8.99	8.97	4.92	0.84	0.84	0.84
4	7.98	7.97	4.37	0.84	0.84	0.84
4	6.98	6.96	3.83	0.84	0.83	0.83
4	5.97	5.96	3.28	0.83	0.83	0.83
4	4.97	4.96	2.73	0.83	0.82	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.97	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.81	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.80

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.63	192.05	25.44	166.61	144.53	22.08
1	29.46	203.59	25.87	177.72	155.64	22.08
1	29.28	215.10	26.29	188.81	166.73	22.08
1	29.10	226.59	26.71	199.88	177.80	22.08
1	28.92	238.05	27.13	210.92	188.84	22.09
1	28.75	249.49	27.55	221.94	199.85	22.09
1	28.57	260.91	27.97	232.93	210.85	22.09
1	28.40	272.30	28.40	243.90	221.81	22.09
1	28.22	283.67	28.82	254.85	232.76	22.09

1	28.05	295.01	29.24	265.77	243.68	22.09
1	27.87	306.33	29.66	276.66	254.57	22.09
2	27.87	306.33	29.66	276.66	254.57	22.09
2	26.56	428.86	65.40	363.46	336.37	27.09
2	25.27	550.00	96.89	453.11	416.78	36.33
2	24.00	669.87	140.07	529.80	495.92	33.88
2	22.75	788.48	186.25	602.23	573.80	28.42
2	21.53	905.77	234.45	671.32	650.37	20.95
2	20.32	1021.71	280.11	741.61	725.58	16.03
2	19.14	1136.34	322.00	814.35	799.48	14.87
2	17.97	1249.75	360.91	888.84	872.16	16.69
2	17.97	1249.75	360.91	888.84	872.16	16.69
3	17.17	1330.95	390.66	940.29	922.45	17.84
3	16.36	1412.04	417.88	994.16	972.63	21.53
3	15.56	1493.02	443.03	1050.00	1022.71	27.29
3	14.76	1573.91	466.42	1107.50	1072.69	34.80
3	13.96	1654.72	488.28	1166.44	1122.59	43.85
3	13.16	1735.43	515.51	1219.92	1172.40	47.52
3	12.36	1816.07	546.42	1269.65	1222.13	47.52
3	11.57	1896.63	577.68	1318.96	1271.79	47.17
3	10.77	1977.12	610.52	1366.61	1321.37	45.24
3	9.98	2057.53	645.22	1412.31	1370.87	41.44
3	9.98	2057.53	645.22	1412.31	1370.87	41.44
4	8.97	2170.99	721.06	1449.93	1433.83	16.10
4	7.97	2284.26	783.64	1500.62	1496.60	4.01
4	6.96	2397.37	838.15	1559.21	1559.21	0.00
4	5.96	2510.33	888.65	1621.68	1621.68	0.00

4	4.96	2623.16	939.15	1684.02	1684.02	0.00
4	3.97	2735.85	987.26	1748.59	1746.21	2.38
4	2.97	2848.42	1034.13	1814.29	1808.28	6.01
4	1.98	2960.86	1081.73	1879.13	1870.22	8.91
4	0.99	3073.16	1130.57	1942.59	1932.03	10.56
4	0.00	3185.33	1180.68	2004.65	1993.70	10.95

Time = 3650. Degree of Consolidation = 52.%

Total Settlement = 0.356

Settlement at End of Primary Consolidation = 0.680

Settlement caused by Primary Consolidation at time 3650. = 0.356

Settlement caused by Secondary Compression at time 3650. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	4.50	2.32	0.45	9.11	9.11	9.11
5	4.45	2.26	0.44	9.11	8.76	8.61
5	4.39	2.21	0.43	9.11	8.43	8.11
5	4.34	2.16	0.43	9.11	8.11	7.60
5	4.28	2.11	0.42	9.11	7.82	7.10
5	4.23	2.06	0.42	9.11	7.55	6.60
5	4.17	2.02	0.41	9.11	7.30	6.10
5	4.12	1.97	0.41	9.11	7.07	5.60
5	4.06	1.93	0.40	9.11	6.86	5.10

5	4.01	1.89	0.40	9.11	6.66	4.79
5	3.95	1.85	0.39	9.11	6.49	4.78
5	3.90	1.81	0.39	9.11	6.32	4.78
5	3.84	1.77	0.38	9.11	6.17	4.77
5	3.79	1.73	0.37	9.11	6.03	4.76
5	3.73	1.69	0.37	9.11	5.91	4.76
5	3.68	1.65	0.36	9.11	5.80	4.75
5	3.62	1.62	0.36	9.11	5.69	4.75
5	3.57	1.58	0.35	9.11	5.60	4.74
5	3.51	1.54	0.35	9.11	5.51	4.65
5	3.46	1.51	0.34	9.11	5.44	4.53
5	3.40	1.47	0.34	9.11	5.37	4.42
5	3.40	1.47	0.34	9.11	5.37	4.42
5	3.35	1.44	0.33	9.11	5.30	4.30
5	3.29	1.41	0.33	9.11	5.24	4.18
5	3.24	1.37	0.32	9.11	5.18	4.07
5	3.18	1.34	0.31	9.11	5.13	3.95
5	3.13	1.31	0.31	9.11	5.08	3.84
5	3.07	1.27	0.30	9.11	5.04	3.72
5	3.02	1.24	0.30	9.11	5.01	3.60
5	2.96	1.21	0.29	9.11	4.97	3.49
5	2.91	1.17	0.29	9.11	4.94	3.37
5	2.85	1.14	0.28	9.11	4.91	3.26
5	2.80	1.11	0.28	9.11	4.89	3.14
5	2.74	1.08	0.27	9.11	4.87	3.02
5	2.69	1.05	0.27	9.11	4.85	2.91
5	2.63	1.01	0.26	9.11	4.83	2.79

5	2.58	0.98	0.25	9.11	4.82	2.67
5	2.52	0.95	0.25	9.11	4.80	2.56
5	2.47	0.92	0.24	9.11	4.79	2.44
5	2.41	0.89	0.24	9.11	4.77	2.33
5	2.36	0.86	0.23	9.11	4.76	2.21
5	2.30	0.83	0.23	9.11	4.74	2.09
5	2.30	0.83	0.23	9.11	4.74	2.09
5	2.25	0.80	0.22	9.11	4.38	1.98
5	2.19	0.77	0.22	9.11	4.12	1.86
5	2.14	0.74	0.21	9.11	3.91	1.74
5	2.08	0.71	0.21	9.11	3.74	1.74
5	2.02	0.69	0.20	9.11	3.59	1.73
5	1.97	0.66	0.19	9.11	3.47	1.73
5	1.91	0.64	0.19	9.11	3.36	1.73
5	1.86	0.62	0.18	9.11	3.26	1.73
5	1.80	0.59	0.18	9.11	3.16	1.72
5	1.75	0.57	0.17	9.11	3.08	1.72
5	1.70	0.55	0.17	9.11	3.00	1.72
5	1.64	0.53	0.16	9.11	2.93	1.72
5	1.59	0.51	0.16	9.11	2.87	1.71
5	1.53	0.48	0.15	9.11	2.80	1.71
5	1.48	0.46	0.15	9.11	2.75	1.71
5	1.42	0.44	0.14	9.11	2.69	1.70
5	1.37	0.42	0.14	9.11	2.64	1.70
5	1.31	0.40	0.13	9.11	2.59	1.70
5	1.26	0.39	0.12	9.11	2.54	1.70
5	1.20	0.37	0.12	9.11	2.49	1.69

5	1.20	0.37	0.12	9.11	2.49	1.69
5	1.14	0.35	0.11	9.11	2.44	1.69
5	1.08	0.33	0.11	9.11	2.40	1.69
5	1.02	0.31	0.10	9.11	2.35	1.68
5	0.96	0.29	0.09	9.11	2.31	1.68
5	0.90	0.27	0.09	9.11	2.26	1.68
5	0.84	0.25	0.08	9.11	2.22	1.67
5	0.78	0.23	0.08	9.11	2.18	1.67
5	0.72	0.21	0.07	9.11	2.14	1.67
5	0.66	0.19	0.07	9.11	2.11	1.67
5	0.60	0.17	0.06	9.11	2.07	1.66
5	0.54	0.15	0.05	9.11	2.03	1.66
5	0.48	0.14	0.05	9.11	2.00	1.66
5	0.42	0.12	0.04	9.11	1.96	1.65
5	0.36	0.10	0.04	9.11	1.93	1.65
5	0.30	0.08	0.03	9.11	1.90	1.65
5	0.24	0.07	0.02	9.11	1.86	1.64
5	0.18	0.05	0.02	9.11	1.83	1.64
5	0.12	0.03	0.01	9.11	1.80	1.64
5	0.06	0.02	0.01	9.11	1.77	1.63
5	0.00	0.00	0.00	9.11	1.74	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.32	0.00	0.00	0.00	0.00	0.00
5	2.26	3.95	0.41	3.54	3.37	0.17
5	2.21	7.79	0.79	7.00	6.63	0.37

5	2.16	11.52	1.15	10.36	9.77	0.59
5	2.11	15.14	1.49	13.65	12.82	0.84
5	2.06	18.67	1.80	16.87	15.77	1.10
5	2.02	22.11	2.09	20.02	18.63	1.40
5	1.97	25.47	2.36	23.12	21.41	1.71
5	1.93	28.76	2.60	26.15	24.11	2.04
5	1.89	31.97	2.83	29.14	26.75	2.40
5	1.85	35.12	3.04	32.09	29.32	2.77
5	1.81	38.22	3.23	34.99	31.83	3.16
5	1.77	41.26	3.40	37.86	34.29	3.57
5	1.73	44.25	3.56	40.69	36.70	3.99
5	1.69	47.20	3.70	43.49	39.07	4.43
5	1.65	50.10	3.84	46.27	41.39	4.88
5	1.62	52.97	3.96	49.02	43.68	5.34
5	1.58	55.81	4.06	51.75	45.94	5.81
5	1.54	58.62	4.16	54.46	48.16	6.29
5	1.51	61.40	4.25	57.15	50.36	6.79
5	1.47	64.15	4.33	59.82	52.53	7.29
5	1.47	64.15	4.33	59.82	52.53	7.29
5	1.44	66.88	4.41	62.47	54.68	7.79
5	1.41	69.59	4.48	65.11	56.81	8.30
5	1.37	72.28	4.55	67.73	58.92	8.81
5	1.34	74.95	4.61	70.34	61.01	9.33
5	1.31	77.60	4.66	72.94	63.08	9.86
5	1.27	80.24	4.71	75.53	65.14	10.39
5	1.24	82.87	4.75	78.11	67.18	10.93
5	1.21	85.48	4.79	80.69	69.22	11.47

5	1.17	88.08	4.82	83.26	71.24	12.02
5	1.14	90.67	4.86	85.82	73.25	12.57
5	1.11	93.26	4.88	88.37	75.25	13.12
5	1.08	95.84	4.91	90.93	77.25	13.68
5	1.05	98.41	4.93	93.47	79.24	14.24
5	1.01	100.97	4.95	96.02	81.22	14.80
5	0.98	103.53	4.97	98.55	83.20	15.36
5	0.95	106.08	4.99	101.09	85.17	15.92
5	0.92	108.63	5.21	103.41	87.14	16.28
5	0.89	111.17	6.51	104.66	89.10	15.56
5	0.86	113.71	7.98	105.73	91.06	14.68
5	0.83	116.24	9.88	106.36	93.01	13.35
5	0.83	116.24	9.88	106.36	93.01	13.35
5	0.80	118.71	11.78	106.92	94.89	12.03
5	0.77	121.07	13.11	107.96	96.67	11.29
5	0.74	123.35	14.14	109.21	98.37	10.83
5	0.71	125.57	15.00	110.57	100.01	10.56
5	0.69	127.73	15.73	112.01	101.60	10.41
5	0.66	129.85	16.36	113.49	103.13	10.36
5	0.64	131.93	16.92	115.01	104.63	10.38
5	0.62	133.97	17.42	116.55	106.09	10.46
5	0.59	135.98	17.88	118.11	107.52	10.58
5	0.57	137.96	18.29	119.67	108.92	10.75
5	0.55	139.92	18.68	121.24	110.29	10.95
5	0.53	141.84	19.03	122.81	111.64	11.17
5	0.51	143.75	19.36	124.38	112.96	11.42
5	0.48	145.63	19.68	125.96	114.27	11.69

5	0.46	147.49	19.97	127.52	115.55	11.98
5	0.44	149.34	20.25	129.09	116.81	12.28
5	0.42	151.16	20.51	130.65	118.05	12.60
5	0.40	152.97	20.76	132.21	119.28	12.93
5	0.39	154.76	21.00	133.76	120.49	13.27
5	0.37	156.53	21.23	135.31	121.68	13.62
5	0.37	156.53	21.23	135.31	121.68	13.62
5	0.35	158.45	21.48	136.98	122.97	14.01
5	0.33	160.35	21.71	138.64	124.24	14.40
5	0.31	162.24	21.94	140.29	125.49	14.81
5	0.29	164.10	22.17	141.94	126.72	15.22
5	0.27	165.95	22.38	143.57	127.94	15.64
5	0.25	167.79	22.59	145.20	129.14	16.07
5	0.23	169.61	22.79	146.82	130.32	16.50
5	0.21	171.41	22.98	148.43	131.49	16.94
5	0.19	173.20	23.17	150.03	132.65	17.38
5	0.17	174.98	23.36	151.62	133.79	17.83
5	0.15	176.74	23.54	153.21	134.92	18.28
5	0.14	178.49	23.71	154.78	136.04	18.74
5	0.12	180.23	23.89	156.35	137.14	19.20
5	0.10	181.96	24.06	157.90	138.24	19.67
5	0.08	183.67	24.22	159.45	139.31	20.13
5	0.07	185.37	24.39	160.98	140.38	20.60
5	0.05	187.06	24.55	162.51	141.43	21.07
5	0.03	188.73	24.71	164.02	142.48	21.55
5	0.02	190.40	24.86	165.53	143.51	22.02
5	0.00	192.05	25.44	166.61	144.53	22.08

Time = 3650. Degree of Consolidation = 81.0%
 Total Settlement = 2.184
 Settlement at End of Primary Consolidation = 2.695
 Settlement caused by Primary Consolidation at time 3650. =
 2.184
 Settlement caused by Secondary Compression at time 3650. =
 0.000
 Settlement Due to Desiccation = 0.000
 Surface Elevation = 1.46

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.63	12.05	24.00	21.07	18.53
1	29.79	29.46	12.04	23.95	21.03	18.49
1	29.59	29.28	12.03	23.90	20.98	18.44
1	29.39	29.10	12.03	23.85	20.93	18.39
1	29.19	28.92	12.02	23.81	20.88	18.34
1	28.99	28.75	12.01	23.76	20.83	18.29
1	28.79	28.57	12.00	23.71	20.78	18.24
1	28.59	28.40	11.99	23.66	20.73	18.19
1	28.39	28.22	11.99	23.61	20.69	18.15
1	28.19	28.05	11.98	23.56	20.64	18.10
1	27.99	27.87	11.97	23.51	20.59	18.05
2	27.99	27.87	11.97	2.20	2.16	2.13
2	26.66	26.56	11.55	2.14	2.11	2.06

2	25.36	25.27	11.13	2.07	2.05	2.01
2	24.09	24.00	10.71	2.02	2.01	1.97
2	22.83	22.75	10.30	1.98	1.96	1.93
2	21.60	21.53	9.88	1.93	1.91	1.88
2	20.38	20.32	9.46	1.89	1.85	1.84
2	19.18	19.14	9.04	1.84	1.81	1.79
2	18.00	17.97	8.62	1.80	1.76	1.74
3	18.00	17.97	8.62	1.56	1.56	1.55
3	17.19	17.17	8.31	1.56	1.55	1.55
3	16.38	16.36	7.99	1.55	1.55	1.54
3	15.58	15.56	7.68	1.55	1.54	1.54
3	14.78	14.76	7.36	1.54	1.54	1.53
3	13.98	13.96	7.05	1.53	1.53	1.53
3	13.18	13.16	6.73	1.53	1.53	1.52
3	12.38	12.36	6.41	1.52	1.52	1.52
3	11.59	11.57	6.10	1.52	1.52	1.52
3	10.79	10.77	5.78	1.52	1.52	1.51
3	10.00	9.98	5.47	1.51	1.51	1.51
4	10.00	9.98	5.47	0.85	0.85	0.85
4	8.99	8.97	4.92	0.84	0.84	0.84
4	7.98	7.97	4.37	0.84	0.84	0.84
4	6.98	6.96	3.83	0.84	0.83	0.83
4	5.97	5.96	3.28	0.83	0.83	0.83
4	4.97	4.96	2.73	0.83	0.82	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.97	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.81	0.81

4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.80

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.63	192.05	25.44	166.61	144.53	22.08
1	29.46	203.59	25.87	177.72	155.64	22.08
1	29.28	215.10	26.29	188.81	166.73	22.08
1	29.10	226.59	26.71	199.88	177.80	22.08
1	28.92	238.05	27.13	210.92	188.84	22.09
1	28.75	249.49	27.55	221.94	199.85	22.09
1	28.57	260.91	27.97	232.93	210.85	22.09
1	28.40	272.30	28.40	243.90	221.81	22.09
1	28.22	283.67	28.82	254.85	232.76	22.09
1	28.05	295.01	29.24	265.77	243.68	22.09
1	27.87	306.33	29.66	276.66	254.57	22.09
1	27.87	306.33	29.66	276.66	254.57	22.09
2	26.56	428.86	65.41	363.45	336.37	27.07
2	25.27	550.00	96.91	453.09	416.78	36.30
2	24.00	669.87	140.11	529.75	495.92	33.83
2	22.75	788.48	186.31	602.16	573.80	28.36
2	21.53	905.77	234.52	671.25	650.36	20.88
2	20.32	1021.71	280.17	741.53	725.57	15.96
2	19.14	1136.34	322.05	814.28	799.47	14.81
2	17.97	1249.74	360.95	888.79	872.15	16.65
2	17.97	1249.74	360.95	888.79	872.15	16.65
3	17.17	1330.94	390.69	940.25	922.44	17.81
3						

3	16.36	1412.03	417.91	994.12	972.62	21.50
3	15.56	1493.01	443.05	1049.97	1022.70	27.27
3	14.76	1573.90	466.43	1107.47	1072.68	34.79
3	13.96	1654.70	488.28	1166.42	1122.58	43.85
3	13.16	1735.42	515.51	1219.91	1172.38	47.52
3	12.36	1816.06	546.42	1269.64	1222.12	47.52
3	11.57	1896.62	577.68	1318.95	1271.77	47.17
3	10.77	1977.11	610.52	1366.59	1321.36	45.24
3	9.98	2057.52	645.22	1412.30	1370.86	41.44
4	9.98	2057.52	645.22	1412.30	1370.86	41.44
4	8.97	2170.98	721.06	1449.92	1433.82	16.10
4	7.97	2284.25	783.64	1500.60	1496.59	4.01
4	6.96	2397.35	838.15	1559.20	1559.20	0.00
4	5.96	2510.32	888.65	1621.67	1621.67	0.00
4	4.96	2623.15	939.15	1684.00	1684.00	0.00
4	3.97	2735.84	987.26	1748.58	1746.20	2.38
4	2.97	2848.41	1034.13	1814.28	1808.27	6.01
4	1.98	2960.84	1081.73	1879.12	1870.21	8.91
4	0.99	3073.15	1130.57	1942.58	1932.02	10.56
4	0.00	3185.32	1180.68	2004.64	1993.69	10.95

Time = 7300. Degree of Consolidation = 52.%

Total Settlement = 0.356

Settlement at End of Primary Consolidation = 0.680

Settlement caused by Primary Consolidation at time 7300. =
0.356

Settlement caused by Secondary Compression at time 7300. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	4.50	2.32	0.45	9.11	9.11	9.11
5	4.45	2.26	0.44	9.11	8.76	8.61
5	4.39	2.21	0.43	9.11	8.43	8.11
5	4.34	2.16	0.43	9.11	8.11	7.60
5	4.28	2.11	0.42	9.11	7.82	7.10
5	4.23	2.06	0.42	9.11	7.55	6.60
5	4.17	2.02	0.41	9.11	7.30	6.10
5	4.12	1.97	0.41	9.11	7.07	5.60
5	4.06	1.93	0.40	9.11	6.86	5.10
5	4.01	1.89	0.40	9.11	6.66	4.79
5	3.95	1.85	0.39	9.11	6.49	4.78
5	3.90	1.81	0.39	9.11	6.32	4.78
5	3.84	1.77	0.38	9.11	6.17	4.77
5	3.79	1.73	0.37	9.11	6.03	4.76
5	3.73	1.69	0.37	9.11	5.91	4.76
5	3.68	1.65	0.36	9.11	5.80	4.75
5	3.62	1.62	0.36	9.11	5.69	4.75
5	3.57	1.58	0.35	9.11	5.60	4.74
5	3.51	1.54	0.35	9.11	5.51	4.65
5	3.46	1.51	0.34	9.11	5.44	4.53
5	3.40	1.47	0.34	9.11	5.37	4.42
5	3.40	1.47	0.34	9.11	5.37	4.42

5	3.35	1.44	0.33	9.11	5.30	4.30
5	3.29	1.41	0.33	9.11	5.24	4.18
5	3.24	1.37	0.32	9.11	5.18	4.07
5	3.18	1.34	0.31	9.11	5.13	3.95
5	3.13	1.31	0.31	9.11	5.08	3.84
5	3.07	1.27	0.30	9.11	5.04	3.72
5	3.02	1.24	0.30	9.11	5.01	3.60
5	2.96	1.21	0.29	9.11	4.97	3.49
5	2.91	1.17	0.29	9.11	4.94	3.37
5	2.85	1.14	0.28	9.11	4.91	3.26
5	2.80	1.11	0.28	9.11	4.89	3.14
5	2.74	1.08	0.27	9.11	4.87	3.02
5	2.69	1.05	0.27	9.11	4.85	2.91
5	2.63	1.01	0.26	9.11	4.83	2.79
5	2.58	0.98	0.25	9.11	4.82	2.67
5	2.52	0.95	0.25	9.11	4.80	2.56
5	2.47	0.92	0.24	9.11	4.79	2.44
5	2.41	0.89	0.24	9.11	4.77	2.33
5	2.36	0.86	0.23	9.11	4.76	2.21
5	2.30	0.83	0.23	9.11	4.74	2.09
5	2.30	0.83	0.23	9.11	4.74	2.09
5	2.25	0.80	0.22	9.11	4.38	1.98
5	2.19	0.77	0.22	9.11	4.12	1.86
5	2.14	0.74	0.21	9.11	3.91	1.74
5	2.08	0.71	0.21	9.11	3.74	1.74
5	2.02	0.69	0.20	9.11	3.59	1.73
5	1.97	0.66	0.19	9.11	3.47	1.73

5	1.91	0.64	0.19	9.11	3.36	1.73
5	1.86	0.62	0.18	9.11	3.26	1.73
5	1.80	0.59	0.18	9.11	3.16	1.72
5	1.75	0.57	0.17	9.11	3.08	1.72
5	1.70	0.55	0.17	9.11	3.00	1.72
5	1.64	0.53	0.16	9.11	2.93	1.72
5	1.59	0.51	0.16	9.11	2.87	1.71
5	1.53	0.48	0.15	9.11	2.80	1.71
5	1.48	0.46	0.15	9.11	2.75	1.71
5	1.42	0.44	0.14	9.11	2.69	1.70
5	1.37	0.42	0.14	9.11	2.64	1.70
5	1.31	0.40	0.13	9.11	2.59	1.70
5	1.26	0.39	0.12	9.11	2.54	1.70
5	1.20	0.37	0.12	9.11	2.49	1.69
5	1.20	0.37	0.12	9.11	2.49	1.69
5	1.14	0.35	0.11	9.11	2.44	1.69
5	1.08	0.33	0.11	9.11	2.40	1.69
5	1.02	0.31	0.10	9.11	2.35	1.68
5	0.96	0.29	0.09	9.11	2.31	1.68
5	0.90	0.27	0.09	9.11	2.26	1.68
5	0.84	0.25	0.08	9.11	2.22	1.67
5	0.78	0.23	0.08	9.11	2.18	1.67
5	0.72	0.21	0.07	9.11	2.14	1.67
5	0.66	0.19	0.07	9.11	2.11	1.67
5	0.60	0.17	0.06	9.11	2.07	1.66
5	0.54	0.15	0.05	9.11	2.03	1.66
5	0.48	0.14	0.05	9.11	2.00	1.66

5	0.42	0.12	0.04	9.11	1.96	1.65
5	0.36	0.10	0.04	9.11	1.93	1.65
5	0.30	0.08	0.03	9.11	1.90	1.65
5	0.24	0.07	0.02	9.11	1.86	1.64
5	0.18	0.05	0.02	9.11	1.83	1.64
5	0.12	0.03	0.01	9.11	1.80	1.64
5	0.06	0.02	0.01	9.11	1.77	1.63
5	0.00	0.00	0.00	9.11	1.74	1.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.32	0.00	0.00	0.00	0.00	0.00
5	2.26	3.95	0.41	3.54	3.37	0.17
5	2.21	7.79	0.79	7.00	6.63	0.37
5	2.16	11.52	1.15	10.36	9.77	0.59
5	2.11	15.14	1.49	13.65	12.82	0.84
5	2.06	18.67	1.80	16.87	15.77	1.10
5	2.02	22.11	2.09	20.02	18.63	1.40
5	1.97	25.47	2.36	23.12	21.41	1.71
5	1.93	28.76	2.60	26.15	24.11	2.04
5	1.89	31.97	2.83	29.14	26.75	2.40
5	1.85	35.12	3.04	32.09	29.32	2.77
5	1.81	38.22	3.23	34.99	31.83	3.16
5	1.77	41.26	3.40	37.86	34.29	3.57
5	1.73	44.25	3.56	40.69	36.70	3.99
5	1.69	47.20	3.70	43.49	39.07	4.43
5	1.65	50.10	3.84	46.27	41.39	4.88

5	1.62	52.97	3.96	49.02	43.68	5.34
5	1.58	55.81	4.06	51.75	45.94	5.81
5	1.54	58.62	4.16	54.46	48.16	6.29
5	1.51	61.40	4.25	57.15	50.36	6.79
5	1.47	64.15	4.33	59.82	52.53	7.29
5	1.47	64.15	4.33	59.82	52.53	7.29
5	1.44	66.88	4.41	62.47	54.68	7.79
5	1.41	69.59	4.48	65.11	56.81	8.30
5	1.37	72.28	4.55	67.73	58.92	8.81
5	1.34	74.95	4.61	70.34	61.01	9.33
5	1.31	77.60	4.66	72.94	63.08	9.86
5	1.27	80.24	4.71	75.53	65.14	10.39
5	1.24	82.87	4.75	78.11	67.18	10.93
5	1.21	85.48	4.79	80.69	69.22	11.47
5	1.17	88.08	4.82	83.26	71.24	12.02
5	1.14	90.67	4.86	85.82	73.25	12.57
5	1.11	93.26	4.88	88.37	75.25	13.12
5	1.08	95.84	4.91	90.93	77.25	13.68
5	1.05	98.41	4.93	93.47	79.24	14.24
5	1.01	100.97	4.95	96.02	81.22	14.80
5	0.98	103.53	4.97	98.55	83.20	15.36
5	0.95	106.08	4.99	101.09	85.17	15.92
5	0.92	108.63	5.21	103.41	87.14	16.28
5	0.89	111.17	6.51	104.66	89.10	15.56
5	0.86	113.71	7.98	105.73	91.06	14.68
5	0.83	116.24	9.88	106.36	93.01	13.35
5	0.83	116.24	9.88	106.36	93.01	13.35

5	0.80	118.71	11.78	106.92	94.89	12.03
5	0.77	121.07	13.11	107.96	96.67	11.29
5	0.74	123.35	14.14	109.21	98.37	10.83
5	0.71	125.57	15.00	110.57	100.01	10.56
5	0.69	127.73	15.73	112.01	101.60	10.41
5	0.66	129.85	16.36	113.49	103.13	10.36
5	0.64	131.93	16.92	115.01	104.63	10.38
5	0.62	133.97	17.42	116.55	106.09	10.46
5	0.59	135.98	17.88	118.11	107.52	10.58
5	0.57	137.96	18.29	119.67	108.92	10.75
5	0.55	139.92	18.68	121.24	110.29	10.95
5	0.53	141.84	19.03	122.81	111.64	11.17
5	0.51	143.75	19.36	124.38	112.96	11.42
5	0.48	145.63	19.68	125.96	114.27	11.69
5	0.46	147.49	19.97	127.52	115.55	11.98
5	0.44	149.34	20.25	129.09	116.81	12.28
5	0.42	151.16	20.51	130.65	118.05	12.60
5	0.40	152.97	20.76	132.21	119.28	12.93
5	0.39	154.76	21.00	133.76	120.49	13.27
5	0.37	156.53	21.23	135.31	121.68	13.62
5	0.37	156.53	21.23	135.31	121.68	13.62
5	0.35	158.45	21.48	136.98	122.97	14.01
5	0.33	160.35	21.71	138.64	124.24	14.40
5	0.31	162.24	21.94	140.29	125.49	14.81
5	0.29	164.10	22.17	141.94	126.72	15.22
5	0.27	165.95	22.38	143.57	127.94	15.64
5	0.25	167.79	22.59	145.20	129.14	16.07

5	0.23	169.61	22.79	146.82	130.32	16.50
5	0.21	171.41	22.98	148.43	131.49	16.94
5	0.19	173.20	23.17	150.03	132.65	17.38
5	0.17	174.98	23.36	151.62	133.79	17.83
5	0.15	176.74	23.54	153.21	134.92	18.28
5	0.14	178.49	23.71	154.78	136.04	18.74
5	0.12	180.23	23.89	156.35	137.14	19.20
5	0.10	181.96	24.06	157.90	138.24	19.67
5	0.08	183.67	24.22	159.45	139.31	20.13
5	0.07	185.37	24.39	160.98	140.38	20.60
5	0.05	187.06	24.55	162.51	141.43	21.07
5	0.03	188.73	24.71	164.02	142.48	21.55
5	0.02	190.40	24.86	165.53	143.51	22.02
5	0.00	192.05	25.44	166.61	144.53	22.08

Time = 7300. Degree of Consolidation = 81.%

Total Settlement = 2.184

Settlement at End of Primary Consolidation = 2.695

Settlement caused by Primary Consolidation at time 7300. =
2.184

Settlement caused by Secondary Compression at time 7300. =
0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.46

 Consolidation and desiccation of soft layers---dredged fill

Problem Breton MCA-4 5.0' FILL

*****Soil data for compressible foundation*****

Material Type	Layer Thickness	Numbers of Sub-layers	Ca/Cc	Cr/Cc	OCR
4	10.00	10	0.056	0.439	1.000
3	8.00	10	0.070	0.489	1.000
2	10.00	8	0.008	0.063	1.000
1	2.00	10	0.017	0.085	1.000

Material type : 4

Specific Gravity of Solids: 2.48

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	0.920	0.000E	0.136E-03	0.708E-04	-0.373E-04	-0.500E0.354E	
2	0.900	0.100E	0.136E-03	0.716E-04	-0.308E-02	-0.625E0.447E	
3	0.880	0.250E	0.365E-03	0.194E-03	0.924E-03	-0.100E0.194E	
4	0.860	0.500E	0.644E-04	0.346E-04	0.161E-02	-0.125E0.433E	
5	0.820	0.100E	0.178E-03	0.978E-04	-0.214E-03	-0.125E0.122E	
6	0.740	0.200E	0.105E-03	0.603E-04	0.468E-03	-0.125E0.754E	

Material type : 3

Specific Gravity of Solids: 2.57

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	1.630	0.000E	0.257E-03	0.977E-04	-0.376E-04	-0.333E0.326E	
2	1.600	0.100E	0.257E-03	0.988E-04	-0.115E-03	-0.500E0.494E	

3	1.580	0.250E	0.267E-03	0.103E-03	-0.235E-02	-0.571E0	.591E
4	1.530	0.500E	0.667E-03	0.264E-03	0.414E-03	-0.682E0	.180E
5	1.470	0.100E	0.143E-03	0.579E-04	0.939E-03	-0.600E0	.347E
6	1.280	0.200E	0.659E-04	0.289E-04	0.153E-03	-0.526E0	.152E

Material type : 2

Specific Gravity of Solids: 2.56

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	2.210	0.000E	0.107E-02	0.333E-03	-0.109E-03	-0.625E0	.208E
2	2.050	0.100E	0.107E-02	0.351E-03	0.420E-03	-0.781E0	.274E
3	1.890	0.250E	0.575E-03	0.199E-03	0.598E-03	-0.889E0	.177E
4	1.600	0.500E	0.212E-03	0.815E-04	0.287E-03	-0.150E0	.122E
5	1.390	0.100E	0.132E-03	0.552E-04	0.105E-03	-0.319E0	.176E
6	1.130	0.200E	0.681E-04	0.320E-04	0.895E-04	-0.385E0	.123E

Material type : 1

Specific Gravity of Solids: 1.84

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	24.000	0.000E	0.100E	0.400E-01	0.344E-02	-0.870E0	.348E
2	12.500	0.100E	0.655E-02	0.485E-03	0.288E-02	-0.181E0	.879E-02
3	10.200	0.250E	0.299E-02	0.267E-03	0.950E-04	-0.840E0	.224E-01
4	7.740	0.500E	0.288E-03	0.330E-04	0.699E-04	-0.209E0	.688E-02
5	6.610	0.100E	0.123E-03	0.162E-04	0.934E-05	-0.581E0	.940E-02
6	5.160	0.200E	0.545E-04	0.885E-05	0.505E-05	-0.690E0	.610E-02

*****Soil data for dredged fill*****

Material Saturation Type	Specific Gravity	Ca/Cc	Cr/Cc	Saturation Limit	Disication Limit	Max. Crust Depth	Crust at DL
5	2.711	0.011	0.048	4.041	2.154	0.321	0.420

Material type : 5

I	Void Ratio	Effective Stress	Perm- eability	k/1 PK	Beta	Dsde	Alpha
1	9.110	0.000E	0.100E	0.989E-02	0.112E-02	0.116E0.114E-01	
2	4.790	0.500E	0.292E-01	0.504E-02	0.214E-02	0.229E0.115E-01	
3	4.740	0.100E	0.300E-02	0.523E-03	0.142E-02	0.656E0.343E-02	
4	1.740	0.250E	0.198E-02	0.723E-03	0.611E-04	0.128E0.926E-02	
5	1.620	0.500E	0.870E-03	0.332E-03	0.133E-02	0.208E0.692E-01	
6	1.380	0.100E	0.577E-03	0.242E-03	0.965E-05	0.333E0.808E-01	
7	1.170	0.200E	0.730E-03	0.336E-03	0.366E-04	0.750E0.252E	
8	0.980	0.400E	0.451E-03	0.228E-03	0.572E-03	0.105E0.240E	

Summary of lifts and print detail

Time days	Material Type	Fill Height	# Sub-layers	Void ratio	Start Day	Dessic. Month	Print detail
0.	5	1.0	20	9.11	30.	4	1
9.	5	1.0	20	9.11	180.	4	1
18.	5	1.0	20	9.11	180.	4	1
27.	5	1.0	20	9.11	180.	4	1
36.	5	1.0	20	9.11	180.	4	1
45.					180.	4	1
60.					180.	4	1
75.					180.	4	1
120.					180.	4	1
180.					180.	4	1
240.					180.	4	1
365.					180.	4	1
730.					180.	4	1
1825.					180.	4	1
3650.					180.	4	1
7300.					180.	4	1

Summary of monthly rainfall and evaporation potential

Month	Rainfall	Evaporation
1	0.160	0.190
2	0.230	0.210
3	0.180	0.320
4	0.410	0.430
5	0.290	0.520

6	0.260	0.630
7	0.830	0.600
8	1.250	0.580
9	0.160	0.510
10	0.660	0.380
11	0.150	0.240
12	0.080	0.190

*****Calculation data*****

tau	Lower layer Void ratio	Lower layer Permeability	drainage path Length
.299E-02	0.915	0.10500E-03	z = 15.67

Summary of desiccation parameters

Parameter	Value
Surface Drainage Efficiency	1.00
maximum evaporation efficiency	0.75
time to desic. after initial fill	30.00
month of initial desiccation	4
elevation of fixed water table	1.00
elevation of top of incompres. found.	-30.50

*****Initial Conditions in Compressible Foundation*****

	***** Coordinates *****	***** Void Ratios *****
Material	A XI Z	Einitial E Eeop

1	29.99	29.99	12.05	24.00	24.00	22.79
1	29.79	29.79	12.04	23.95	23.95	22.74
1	29.59	29.59	12.03	23.90	23.90	22.69
1	29.39	29.39	12.03	23.85	23.85	22.64
1	29.19	29.19	12.02	23.81	23.81	22.59
1	28.99	28.99	12.01	23.76	23.76	22.54
1	28.79	28.79	12.00	23.71	23.71	22.49
1	28.59	28.59	11.99	23.66	23.66	22.44
1	28.39	28.39	11.99	23.61	23.61	22.40
1	28.19	28.19	11.98	23.56	23.56	22.35
1	27.99	27.99	11.97	23.51	23.51	22.30
2	27.99	27.99	11.97	2.20	2.20	2.19
2	26.66	26.66	11.55	2.14	2.14	2.12
2	25.36	25.36	11.13	2.07	2.07	2.06
2	24.09	24.09	10.71	2.02	2.02	2.01
2	22.83	22.83	10.30	1.98	1.98	1.97
2	21.60	21.60	9.88	1.93	1.93	1.92
2	20.38	20.38	9.46	1.89	1.89	1.88
2	19.18	19.18	9.04	1.84	1.84	1.83
2	18.00	18.00	8.62	1.80	1.80	1.78
3	18.00	18.00	8.62	1.56	1.56	1.56
3	17.19	17.19	8.31	1.56	1.56	1.56
3	16.38	16.38	7.99	1.55	1.55	1.55
3	15.58	15.58	7.68	1.55	1.55	1.54
3	14.78	14.78	7.36	1.54	1.54	1.54
3	13.98	13.98	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.53

3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.59	6.10	1.52	1.52	1.52
3	10.79	10.79	5.78	1.52	1.52	1.52
3	10.00	10.00	5.47	1.51	1.51	1.51
4	10.00	10.00	5.47	0.85	0.85	0.85
4	8.99	8.99	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.98	3.83	0.84	0.84	0.84
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.82
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.99	104.16	0.00	104.16	93.60	10.56
1	29.79	117.17	0.42	116.75	106.19	10.56
1	29.59	130.16	0.85	129.31	118.75	10.56
1	29.39	143.12	1.27	141.85	131.29	10.56
1	29.19	156.06	1.69	154.37	143.81	10.56
1	28.99	168.98	2.12	166.86	156.30	10.56
1	28.79	181.87	2.54	179.33	168.77	10.56
1	28.59	194.73	2.96	191.77	181.21	10.56
1	28.39	207.57	3.39	204.19	193.63	10.56

1	28.19	220.39	3.81	216.58	206.02	10.56
1	27.99	233.18	4.23	228.95	218.39	10.56
2	27.99	233.18	4.23	228.95	218.39	10.56
2	26.66	356.73	44.96	311.77	301.21	10.56
2	25.36	478.50	85.69	392.81	382.25	10.56
2	24.09	598.76	126.42	472.34	461.78	10.56
2	22.83	717.82	167.15	550.67	540.11	10.56
2	21.60	835.74	207.88	627.85	617.29	10.56
2	20.38	952.54	248.61	703.92	693.36	10.56
2	19.18	1068.15	289.34	778.81	768.25	10.56
2	18.00	1182.52	330.07	852.45	841.89	10.56
2	18.00	1182.52	330.07	852.45	841.89	10.56
3	17.19	1263.84	360.98	902.86	892.30	10.56
3	16.38	1345.04	391.89	953.15	942.59	10.56
3	15.58	1426.12	422.79	1003.32	992.76	10.56
3	14.78	1507.07	453.70	1053.37	1042.81	10.56
3	13.98	1587.90	484.61	1103.30	1092.74	10.56
3	13.18	1668.63	515.51	1153.11	1142.55	10.56
3	12.38	1749.26	546.42	1202.84	1192.28	10.56
3	11.59	1829.83	577.33	1252.50	1241.94	10.56
3	10.79	1910.32	608.23	1302.09	1291.53	10.56
3	10.00	1990.74	639.14	1351.60	1341.04	10.56
3	10.00	1990.74	639.14	1351.60	1341.04	10.56
4	8.99	2104.25	689.64	1414.62	1404.05	10.56
4	7.98	2217.62	740.13	1477.49	1466.93	10.56
4	6.98	2330.86	790.63	1540.23	1529.67	10.56
4	5.97	2443.96	841.13	1602.83	1592.27	10.56

4	4.97	2556.91	891.62	1665.29	1654.73	10.56
4	3.97	2669.73	942.12	1727.61	1717.05	10.56
4	2.98	2782.42	992.62	1789.80	1779.24	10.56
4	1.98	2894.96	1043.11	1851.85	1841.29	10.56
4	0.99	3007.37	1093.61	1913.76	1903.20	10.56
4	0.00	3119.64	1144.11	1975.53	1964.97	10.56

Time = 0. Degree of Consolidation = 0.%

Total Settlement = 0.000

Settlement at End of Primary Consolidation = 0.152

Settlement caused by Primary Consolidation at time 0. = 0.000

Settlement caused by Secondary Compression at time 0. = 0.000

*****Initial Conditions in Dredged Fill*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
5	1.00	1.00	0.10	9.11	9.11	9.11
5	0.95	0.95	0.09	9.11	9.11	8.65
5	0.90	0.90	0.09	9.11	9.11	8.20
5	0.85	0.85	0.08	9.11	9.11	7.74
5	0.80	0.80	0.08	9.11	9.11	7.29
5	0.75	0.75	0.07	9.11	9.11	6.83
5	0.70	0.70	0.07	9.11	9.11	6.37
5	0.65	0.65	0.06	9.11	9.11	5.92
5	0.60	0.60	0.06	9.11	9.11	5.46

5	0.55	0.55	0.05	9.11	9.11	5.00
5	0.50	0.50	0.05	9.11	9.11	4.79
5	0.45	0.45	0.04	9.11	9.11	4.78
5	0.40	0.40	0.04	9.11	9.11	4.78
5	0.35	0.35	0.03	9.11	9.11	4.77
5	0.30	0.30	0.03	9.11	9.11	4.77
5	0.25	0.25	0.02	9.11	9.11	4.76
5	0.20	0.20	0.02	9.11	9.11	4.76
5	0.15	0.15	0.01	9.11	9.11	4.75
5	0.10	0.10	0.01	9.11	9.11	4.74
5	0.05	0.05	0.00	9.11	9.11	4.73
5	0.00	0.00	0.00	9.11	9.11	4.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	1.00	31.20	0.00	31.20	31.20	0.00
5	0.95	34.85	0.00	34.85	34.32	0.53
5	0.90	38.50	0.00	38.50	37.44	1.06
5	0.85	42.14	0.00	42.14	40.56	1.58
5	0.80	45.79	0.00	45.79	43.68	2.11
5	0.75	49.44	0.00	49.44	46.80	2.64
5	0.70	53.09	0.00	53.09	49.92	3.17
5	0.65	56.74	0.00	56.74	53.04	3.70
5	0.60	60.38	0.00	60.38	56.16	4.22
5	0.55	64.03	0.00	64.03	59.28	4.75
5	0.50	67.68	0.00	67.68	62.40	5.28
5	0.45	71.33	0.00	71.33	65.52	5.81

5	0.40	74.98	0.00	74.98	68.64	6.34
5	0.35	78.62	0.00	78.62	71.76	6.86
5	0.30	82.27	0.00	82.27	74.88	7.39
5	0.25	85.92	0.00	85.92	78.00	7.92
5	0.20	89.57	0.00	89.57	81.12	8.45
5	0.15	93.22	0.00	93.22	84.24	8.98
5	0.10	96.86	0.00	96.86	87.36	9.50
5	0.05	100.51	0.00	100.51	90.48	10.03
5	0.00	104.16	0.00	104.16	93.60	10.56

Time = 0. Degree of Consolidation = 0.%

Total Settlement = 0.000

Settlement at End of Primary Consolidation = 0.328

Settlement caused by Primary Consolidation at time 0. = 0.000

Settlement caused by Secondary Compression at time 0. = 0.000

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.94	12.05	24.00	23.49	22.79
1	29.79	29.75	12.04	23.95	23.44	22.74
1	29.59	29.55	12.03	23.90	23.40	22.69
1	29.39	29.35	12.03	23.85	23.35	22.64
1	29.19	29.16	12.02	23.81	23.31	22.59
1	28.99	28.96	12.01	23.76	23.26	22.54

1	28.79	28.76	12.00	23.71	23.22	22.49
1	28.59	28.57	11.99	23.66	23.17	22.44
1	28.39	28.37	11.99	23.61	23.12	22.40
1	28.19	28.18	11.98	23.56	23.07	22.35
1	27.99	27.99	11.97	23.51	23.02	22.30
2	27.99	27.99	11.97	2.20	2.20	2.19
2	26.66	26.66	11.55	2.14	2.14	2.12
2	25.36	25.36	11.13	2.07	2.07	2.06
2	24.09	24.09	10.71	2.02	2.02	2.01
2	22.83	22.83	10.30	1.98	1.98	1.97
2	21.60	21.59	9.88	1.93	1.93	1.92
2	20.38	20.38	9.46	1.89	1.89	1.88
2	19.18	19.18	9.04	1.84	1.84	1.83
2	18.00	18.00	8.62	1.80	1.79	1.78
3	18.00	18.00	8.62	1.56	1.56	1.56
3	17.19	17.19	8.31	1.56	1.56	1.56
3	16.38	16.38	7.99	1.55	1.55	1.55
3	15.58	15.58	7.68	1.55	1.54	1.54
3	14.78	14.78	7.36	1.54	1.54	1.54
3	13.98	13.98	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.53
3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.59	6.10	1.52	1.52	1.52
3	10.79	10.79	5.78	1.52	1.52	1.52
3	10.00	10.00	5.47	1.51	1.51	1.51
4	10.00	10.00	5.47	0.85	0.85	0.85
4	8.99	8.99	4.92	0.84	0.84	0.84

4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.98	3.83	0.84	0.84	0.84
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.82
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.94	106.97	4.45	102.52	96.41	6.11
1	29.75	119.73	4.84	114.89	108.75	6.15
1	29.55	132.46	5.23	127.24	121.06	6.18
1	29.35	145.17	5.62	139.55	133.34	6.21
1	29.16	157.86	6.02	151.84	145.61	6.24
1	28.96	170.53	6.42	164.11	157.85	6.26
1	28.76	183.17	6.82	176.34	170.07	6.28
1	28.57	195.78	7.23	188.55	182.26	6.29
1	28.37	208.38	7.65	200.73	194.43	6.30
1	28.18	220.95	8.06	212.88	206.58	6.31
1	27.99	233.49	8.49	225.01	218.70	6.31
1	27.99	233.49	8.49	225.01	218.70	6.31
2	26.66	356.93	46.22	310.71	301.41	9.30
2	25.36	478.69	85.69	392.99	382.43	10.56
2	24.09	598.95	126.42	472.52	461.96	10.56

2	22.83	718.00	167.15	550.85	540.29	10.56
2	21.59	835.93	207.88	628.04	617.48	10.56
2	20.38	952.71	249.28	703.43	693.54	9.89
2	19.18	1068.31	289.97	778.34	768.40	9.94
2	18.00	1182.64	332.85	849.79	842.00	7.78
2	18.00	1182.64	332.85	849.79	842.00	7.78
3	17.19	1263.94	365.42	898.52	892.40	6.12
3	16.38	1345.12	396.88	948.24	942.68	5.56
3	15.58	1426.18	427.46	998.72	992.83	5.89
3	14.78	1507.12	456.87	1050.25	1042.86	7.39
3	13.98	1587.95	484.61	1103.34	1092.78	10.56
3	13.18	1668.67	515.51	1153.15	1142.59	10.56
3	12.38	1749.31	546.42	1202.89	1192.33	10.56
3	11.59	1829.87	577.33	1252.55	1241.99	10.56
3	10.79	1910.37	608.23	1302.13	1291.57	10.56
3	10.00	1990.78	639.48	1351.30	1341.08	10.22
3	10.00	1990.78	639.48	1351.30	1341.08	10.22
4	8.99	2104.29	692.33	1411.96	1404.09	7.87
4	7.98	2217.65	742.92	1474.73	1466.96	7.77
4	6.98	2330.88	793.23	1537.65	1529.69	7.96
4	5.97	2443.97	843.50	1600.47	1592.28	8.19
4	4.97	2556.92	893.74	1663.18	1654.74	8.44
4	3.97	2669.74	943.83	1725.91	1717.06	8.85
4	2.98	2782.42	993.34	1789.08	1779.24	9.84
4	1.98	2894.96	1043.11	1851.85	1841.29	10.56
4	0.99	3007.37	1093.61	1913.76	1903.20	10.56
4	0.00	3119.64	1144.11	1975.53	1964.97	10.56

Time = 9. Degree of Consolidation = 30.%

Total Settlement = 0.045

Settlement at End of Primary Consolidation = 0.152

Settlement caused by Primary Consolidation at time 9. =
0.045

Settlement caused by Secondary Compression at time 9. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	1.00	0.85	0.10	9.11	9.11	9.11
5	0.95	0.80	0.09	9.11	9.00	8.65
5	0.90	0.75	0.09	9.11	8.90	8.20
5	0.85	0.70	0.08	9.11	8.80	7.74
5	0.80	0.66	0.08	9.11	8.69	7.29
5	0.75	0.61	0.07	9.11	8.57	6.83
5	0.70	0.56	0.07	9.11	8.45	6.37
5	0.65	0.51	0.06	9.11	8.32	5.92
5	0.60	0.47	0.06	9.11	8.17	5.46
5	0.55	0.42	0.05	9.11	8.01	5.00
5	0.50	0.38	0.05	9.11	7.84	4.79
5	0.45	0.34	0.04	9.11	7.65	4.78
5	0.40	0.29	0.04	9.11	7.45	4.78
5	0.35	0.25	0.03	9.11	7.23	4.77
5	0.30	0.21	0.03	9.11	6.99	4.77

5	0.25	0.17	0.02	9.11	6.73	4.76
5	0.20	0.14	0.02	9.11	6.47	4.76
5	0.15	0.10	0.01	9.11	6.18	4.75
5	0.10	0.07	0.01	9.11	5.89	4.74
5	0.05	0.03	0.00	9.11	5.58	4.73
5	0.00	0.00	0.00	9.11	5.26	4.63

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	0.85	43.30	0.00	43.30	43.30	0.00
5	0.80	46.93	0.12	46.80	46.40	0.41
5	0.75	50.53	0.24	50.28	49.47	0.81
5	0.70	54.09	0.36	53.73	52.51	1.22
5	0.66	57.63	0.49	57.14	55.52	1.62
5	0.61	61.13	0.62	60.51	58.49	2.02
5	0.56	64.59	0.76	63.83	61.42	2.40
5	0.51	68.02	0.92	67.10	64.32	2.78
5	0.47	71.40	1.09	70.31	67.17	3.14
5	0.42	74.73	1.27	73.46	69.98	3.48
5	0.38	78.02	1.47	76.55	72.74	3.81
5	0.34	81.24	1.69	79.56	75.43	4.12
5	0.29	84.41	1.92	82.49	78.07	4.41
5	0.25	87.51	2.18	85.33	80.65	4.68
5	0.21	90.54	2.46	88.09	83.15	4.94
5	0.17	93.50	2.75	90.75	85.58	5.17
5	0.14	96.37	3.06	93.31	87.92	5.39
5	0.10	99.16	3.39	95.77	90.18	5.59

5	0.07	101.86	3.73	98.13	92.35	5.77
5	0.03	104.46	4.09	100.38	94.43	5.95
5	0.00	106.97	4.45	102.52	96.41	6.11

Time = 9. Degree of Consolidation = 45.%

Total Settlement = 0.149

Settlement at End of Primary Consolidation = 0.328

Settlement caused by Primary Consolidation at time 9. = 0.149

Settlement caused by Secondary Compression at time 9. = 0.000

Surface Elevation = 0.31

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.93	12.05	24.00	23.38	21.57
1	29.79	29.73	12.04	23.95	23.33	21.52
1	29.59	29.54	12.03	23.90	23.28	21.47
1	29.39	29.34	12.03	23.85	23.23	21.43
1	29.19	29.15	12.02	23.81	23.19	21.38
1	28.99	28.95	12.01	23.76	23.14	21.33
1	28.79	28.76	12.00	23.71	23.09	21.28
1	28.59	28.56	11.99	23.66	23.04	21.23
1	28.39	28.37	11.99	23.61	22.99	21.18
1	28.19	28.17	11.98	23.56	22.94	21.13
1	27.99	27.98	11.97	23.51	22.89	21.08

2	27.99	27.98	11.97	2.20	2.19	2.17
2	26.66	26.66	11.55	2.14	2.13	2.10
2	25.36	25.36	11.13	2.07	2.07	2.04
2	24.09	24.08	10.71	2.02	2.02	2.00
2	22.83	22.83	10.30	1.98	1.98	1.96
2	21.60	21.59	9.88	1.93	1.93	1.91
2	20.38	20.37	9.46	1.89	1.89	1.87
2	19.18	19.17	9.04	1.84	1.84	1.82
2	18.00	17.99	8.62	1.80	1.79	1.77
2	18.00	17.99	8.62	1.56	1.56	1.56
3	17.19	17.19	8.31	1.56	1.56	1.55
3	16.38	16.38	7.99	1.55	1.55	1.55
3	15.58	15.58	7.68	1.55	1.54	1.54
3	14.78	14.78	7.36	1.54	1.54	1.54
3	13.98	13.98	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.53
3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.59	6.10	1.52	1.52	1.52
3	10.79	10.79	5.78	1.52	1.52	1.51
3	10.00	10.00	5.47	1.51	1.51	1.51
3	10.00	10.00	5.47	0.85	0.85	0.85
4	8.99	8.99	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.98	3.83	0.84	0.84	0.84
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82

4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.93	125.82	5.39	120.43	104.70	15.73
1	29.73	138.52	5.81	132.71	116.98	15.73
1	29.54	151.20	6.23	144.97	129.23	15.74
1	29.34	163.85	6.65	157.20	141.46	15.74
1	29.15	176.48	7.07	169.40	153.66	15.74
1	28.95	189.08	7.50	181.58	165.84	15.74
1	28.76	201.66	7.92	193.74	177.99	15.74
1	28.56	214.21	8.34	205.87	190.12	15.74
1	28.37	226.74	8.76	217.97	202.23	15.74
1	28.17	239.24	9.19	230.06	214.31	15.75
1	27.98	251.72	9.61	242.11	226.37	15.75
2	27.98	251.72	9.61	242.11	226.37	15.75
2	26.66	375.10	47.45	327.65	309.01	18.64
2	25.36	496.83	85.69	411.14	390.02	21.12
2	24.08	617.09	126.42	490.67	469.55	21.12
2	22.83	736.15	167.15	569.00	547.88	21.12
2	21.59	854.08	207.90	646.17	625.07	21.10
2	20.37	970.85	249.89	720.96	701.12	19.84
2	19.17	1086.43	290.82	795.61	775.96	19.65
2	17.99	1200.72	335.01	865.71	849.52	16.18

3	17.99	1200.72	335.01	865.71	849.52	16.18
3	17.19	1282.01	368.55	913.46	899.91	13.55
3	16.38	1363.18	400.09	963.09	950.17	12.92
3	15.58	1444.22	429.98	1014.25	1000.31	13.94
3	14.78	1525.16	458.19	1066.96	1050.33	16.63
3	13.98	1605.98	484.61	1121.38	1100.25	21.12
3	13.18	1686.70	515.51	1171.19	1150.07	21.12
3	12.38	1767.34	546.42	1220.92	1199.80	21.12
3	11.59	1847.91	577.33	1270.58	1249.46	21.12
3	10.79	1928.40	608.23	1320.17	1299.05	21.12
3	10.00	2008.82	639.76	1369.06	1348.56	20.50
3	10.00	2008.82	639.76	1369.06	1348.56	20.50
4	8.99	2122.32	694.49	1427.83	1411.56	16.27
4	7.98	2235.68	745.53	1490.14	1474.42	15.72
4	6.98	2348.90	795.76	1553.14	1537.15	15.99
4	5.97	2461.98	845.81	1616.17	1599.73	16.44
4	4.97	2574.93	895.72	1679.21	1662.18	17.02
4	3.97	2687.74	945.30	1742.44	1724.50	17.94
4	2.98	2800.41	994.07	1806.34	1786.68	19.66
4	1.98	2912.96	1043.16	1869.80	1848.72	21.08
4	0.99	3025.37	1093.61	1931.76	1910.63	21.12
4	0.00	3137.64	1144.11	1993.53	1972.41	21.12

Time = 18. Degree of Consolidation = 19.%

Total Settlement = 0.059

Settlement at End of Primary Consolidation = 0.304

Settlement caused by Primary Consolidation at time 18. = 0.059

Settlement caused by Secondary Compression at time 18. =
 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	2.00	1.68	0.20	9.11	9.11	9.11
5	1.95	1.63	0.19	9.11	9.08	8.65
5	1.90	1.58	0.19	9.11	9.06	8.20
5	1.85	1.53	0.18	9.11	9.03	7.74
5	1.80	1.48	0.18	9.11	9.00	7.29
5	1.75	1.43	0.17	9.11	8.97	6.83
5	1.70	1.38	0.17	9.11	8.94	6.37
5	1.65	1.33	0.16	9.11	8.90	5.92
5	1.60	1.28	0.16	9.11	8.86	5.46
5	1.55	1.23	0.15	9.11	8.81	5.00
5	1.50	1.19	0.15	9.11	8.76	4.79
5	1.45	1.14	0.14	9.11	8.71	4.78
5	1.40	1.09	0.14	9.11	8.64	4.78
5	1.35	1.04	0.13	9.11	8.57	4.77
5	1.30	0.99	0.13	9.11	8.49	4.77
5	1.25	0.95	0.12	9.11	8.41	4.76
5	1.20	0.90	0.12	9.11	8.31	4.76
5	1.15	0.86	0.11	9.11	8.21	4.75
5	1.10	0.81	0.11	9.11	8.10	4.74
5	1.05	0.77	0.10	9.11	7.98	4.73

5	1.00	0.72	0.10	9.11	7.85	4.63
5	1.00	0.72	0.10	9.11	7.85	4.63
5	0.95	0.68	0.09	9.11	7.73	4.52
5	0.90	0.64	0.09	9.11	7.59	4.42
5	0.85	0.59	0.08	9.11	7.45	4.31
5	0.80	0.55	0.08	9.11	7.29	4.21
5	0.75	0.51	0.07	9.11	7.14	4.10
5	0.70	0.47	0.07	9.11	6.97	3.99
5	0.65	0.43	0.06	9.11	6.80	3.89
5	0.60	0.39	0.06	9.11	6.63	3.78
5	0.55	0.36	0.05	9.11	6.46	3.68
5	0.50	0.32	0.05	9.11	6.28	3.57
5	0.45	0.28	0.04	9.11	6.11	3.47
5	0.40	0.25	0.04	9.11	5.94	3.36
5	0.35	0.22	0.03	9.11	5.77	3.26
5	0.30	0.18	0.03	9.11	5.61	3.15
5	0.25	0.15	0.02	9.11	5.45	3.04
5	0.20	0.12	0.02	9.11	5.30	2.94
5	0.15	0.09	0.01	9.11	5.16	2.83
5	0.10	0.06	0.01	9.11	5.03	2.73
5	0.05	0.03	0.00	9.11	4.90	2.62
5	0.00	0.00	0.00	9.11	4.79	2.52

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	1.68	0.00	0.00	0.00	0.00	0.00
5	1.63	3.64	0.03	3.61	3.12	0.50

5	1.58	7.28	0.06	7.22	6.22	0.99
5	1.53	10.91	0.09	10.81	9.32	1.49
5	1.48	14.53	0.13	14.40	12.41	1.99
5	1.43	18.14	0.16	17.97	15.50	2.48
5	1.38	21.74	0.20	21.54	18.57	2.97
5	1.33	25.32	0.24	25.08	21.63	3.45
5	1.28	28.90	0.29	28.61	24.68	3.93
5	1.23	32.47	0.34	32.12	27.71	4.41
5	1.19	36.01	0.40	35.61	30.73	4.88
5	1.14	39.55	0.47	39.08	33.74	5.34
5	1.09	43.06	0.54	42.52	36.72	5.80
5	1.04	46.55	0.62	45.93	39.69	6.24
5	0.99	50.02	0.71	49.31	42.63	6.68
5	0.95	53.47	0.81	52.66	45.55	7.11
5	0.90	56.89	0.92	55.96	48.44	7.53
5	0.86	60.27	1.04	59.23	51.30	7.94
5	0.81	63.63	1.17	62.46	54.12	8.34
5	0.77	66.95	1.31	65.64	56.91	8.73
5	0.72	70.23	1.45	68.77	59.67	9.11
5	0.72	70.23	1.45	68.77	59.67	9.11
5	0.68	73.47	1.60	71.87	62.38	9.49
5	0.64	76.67	1.76	74.91	65.05	9.86
5	0.59	79.82	1.93	77.90	67.68	10.22
5	0.55	82.94	2.10	80.83	70.26	10.57
5	0.51	86.00	2.28	83.71	72.80	10.92
5	0.47	89.01	2.47	86.54	75.28	11.25
5	0.43	91.97	2.67	89.31	77.72	11.59

5	0.39	94.88	2.87	92.02	80.10	11.92
5	0.36	97.74	3.07	94.67	82.43	12.24
5	0.32	100.54	3.27	97.27	84.70	12.57
5	0.28	103.29	3.47	99.82	86.92	12.90
5	0.25	105.99	3.67	102.32	89.09	13.23
5	0.22	108.63	3.86	104.77	91.21	13.56
5	0.18	111.23	4.05	107.17	93.27	13.90
5	0.15	113.77	4.24	109.53	95.29	14.24
5	0.12	116.26	4.41	111.85	97.25	14.60
5	0.09	118.71	4.57	114.14	99.18	14.96
5	0.06	121.12	4.73	116.39	101.06	15.34
5	0.03	123.49	4.87	118.62	102.90	15.72
5	0.00	125.82	5.39	120.43	104.70	15.73

Time = 18. Degree of Consolidation = 37.%

Total Settlement = 0.322

Settlement at End of Primary Consolidation = 0.876

Settlement caused by Primary Consolidation at time 18. = 0.322

Settlement caused by Secondary Compression at time 18. = 0.000

Surface Elevation = 1.12

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.93	12.05	24.00	23.37	20.36

1	29.79	29.73	12.04	23.95	23.32	20.31
1	29.59	29.53	12.03	23.90	23.28	20.26
1	29.39	29.34	12.03	23.85	23.23	20.21
1	29.19	29.14	12.02	23.81	23.18	20.16
1	28.99	28.95	12.01	23.76	23.13	20.11
1	28.79	28.75	12.00	23.71	23.08	20.06
1	28.59	28.56	11.99	23.66	23.03	20.02
1	28.39	28.37	11.99	23.61	22.98	19.97
1	28.19	28.17	11.98	23.56	22.94	19.92
1	27.99	27.98	11.97	23.51	22.89	19.87
2	27.99	27.98	11.97	2.20	2.19	2.15
2	26.66	26.65	11.55	2.14	2.13	2.09
2	25.36	25.36	11.13	2.07	2.07	2.03
2	24.09	24.08	10.71	2.02	2.02	1.99
2	22.83	22.83	10.30	1.98	1.98	1.94
2	21.60	21.59	9.88	1.93	1.93	1.90
2	20.38	20.37	9.46	1.89	1.89	1.85
2	19.18	19.17	9.04	1.84	1.84	1.81
2	18.00	17.99	8.62	1.80	1.79	1.76
3	18.00	17.99	8.62	1.56	1.56	1.56
3	17.19	17.19	8.31	1.56	1.56	1.55
3	16.38	16.38	7.99	1.55	1.55	1.55
3	15.58	15.58	7.68	1.55	1.54	1.54
3	14.78	14.78	7.36	1.54	1.54	1.53
3	13.98	13.98	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.52
3	12.38	12.38	6.41	1.52	1.52	1.52

3	11.59	11.59	6.10	1.52	1.52	1.52
3	10.79	10.79	5.78	1.52	1.52	1.51
3	10.00	10.00	5.47	1.51	1.51	1.51
4	10.00	10.00	5.47	0.85	0.85	0.85
4	8.99	8.99	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.98	3.83	0.84	0.84	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.93	190.20	5.45	184.74	158.52	26.23
1	29.73	202.90	5.88	197.02	170.79	26.23
1	29.53	215.57	6.30	209.27	183.04	26.23
1	29.34	228.22	6.72	221.49	195.26	26.23
1	29.14	240.84	7.14	233.69	207.46	26.23
1	28.95	253.44	7.57	245.87	219.64	26.23
1	28.75	266.01	7.99	258.02	231.79	26.23
1	28.56	278.56	8.41	270.15	243.91	26.23
1	28.37	291.08	8.84	282.25	256.02	26.23
1	28.17	303.59	9.26	294.33	268.09	26.23

1	27.98	316.06	9.68	306.38	280.15	26.23
2	27.98	316.06	9.68	306.38	280.15	26.23
2	26.65	439.40	48.32	391.08	362.76	28.32
2	25.36	561.12	85.69	475.43	443.75	31.68
2	24.08	681.38	126.42	554.96	523.28	31.68
2	22.83	800.44	167.15	633.29	601.60	31.68
2	21.59	918.37	207.99	710.37	678.80	31.57
2	20.37	1035.13	250.43	784.70	754.84	29.86
2	19.17	1150.69	291.75	858.94	829.66	29.28
2	17.99	1264.94	336.61	928.33	903.18	25.15
2	17.99	1264.94	336.61	928.33	903.18	25.15
3	17.19	1346.22	370.61	975.61	953.56	22.05
3	16.38	1427.38	402.08	1025.30	1003.82	21.48
3	15.58	1508.42	431.48	1076.94	1053.95	22.99
3	14.78	1589.35	458.99	1130.36	1103.97	26.39
3	13.98	1670.17	484.70	1185.47	1153.89	31.59
3	13.18	1750.89	515.51	1235.38	1203.70	31.68
3	12.38	1831.53	546.42	1285.11	1253.43	31.68
3	11.59	1912.10	577.33	1334.77	1303.09	31.68
3	10.79	1992.59	608.23	1384.36	1352.68	31.68
3	10.00	2073.01	639.99	1433.02	1402.19	30.83
3	10.00	2073.01	639.99	1433.02	1402.19	30.83
4	8.99	2186.51	696.32	1490.19	1465.19	25.00
4	7.98	2299.86	747.94	1551.92	1528.05	23.88
4	6.98	2413.07	798.18	1614.89	1590.76	24.13
4	5.97	2526.15	848.02	1678.13	1653.34	24.79
4	4.97	2639.09	897.57	1741.52	1715.79	25.73

4	3.97	2751.90	946.63	1805.26	1778.10	27.17
4	2.98	2864.57	994.81	1869.76	1840.27	29.48
4	1.98	2977.11	1043.40	1933.72	1902.32	31.40
4	0.99	3089.52	1093.61	1995.91	1964.23	31.68
4	0.00	3201.79	1144.11	2057.68	2026.00	31.68

Time = 27. Degree of Consolidation = 14.%

Total Settlement = 0.062

Settlement at End of Primary Consolidation = 0.454

Settlement caused by Primary Consolidation at time 27. = 0.062

Settlement caused by Secondary Compression at time 27. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	3.00	2.54	0.30	9.11	9.11	9.11
5	2.95	2.49	0.29	9.11	9.10	8.65
5	2.90	2.44	0.29	9.11	9.10	8.20
5	2.85	2.39	0.28	9.11	9.09	7.74
5	2.80	2.34	0.28	9.11	9.08	7.29
5	2.75	2.29	0.27	9.11	9.07	6.83
5	2.70	2.24	0.27	9.11	9.06	6.37
5	2.65	2.19	0.26	9.11	9.05	5.92
5	2.60	2.14	0.26	9.11	9.04	5.46
5	2.55	2.09	0.25	9.11	9.03	5.00

5	2.50	2.04	0.25	9.11	9.01	4.79
5	2.45	1.99	0.24	9.11	8.99	4.78
5	2.40	1.94	0.24	9.11	8.98	4.78
5	2.35	1.89	0.23	9.11	8.95	4.77
5	2.30	1.85	0.23	9.11	8.93	4.77
5	2.25	1.80	0.22	9.11	8.90	4.76
5	2.20	1.75	0.22	9.11	8.87	4.76
5	2.15	1.70	0.21	9.11	8.84	4.75
5	2.10	1.65	0.21	9.11	8.80	4.74
5	2.05	1.60	0.20	9.11	8.76	4.73
5	2.00	1.55	0.20	9.11	8.72	4.63
5	2.00	1.55	0.20	9.11	8.72	4.63
5	1.95	1.51	0.19	9.11	8.67	4.52
5	1.90	1.46	0.19	9.11	8.63	4.42
5	1.85	1.41	0.18	9.11	8.57	4.31
5	1.80	1.36	0.18	9.11	8.51	4.21
5	1.75	1.32	0.17	9.11	8.45	4.10
5	1.70	1.27	0.17	9.11	8.38	3.99
5	1.65	1.22	0.16	9.11	8.31	3.89
5	1.60	1.18	0.16	9.11	8.23	3.78
5	1.55	1.13	0.15	9.11	8.14	3.68
5	1.50	1.09	0.15	9.11	8.05	3.57
5	1.45	1.04	0.14	9.11	7.96	3.47
5	1.40	1.00	0.14	9.11	7.86	3.36
5	1.35	0.95	0.13	9.11	7.75	3.26
5	1.30	0.91	0.13	9.11	7.65	3.15
5	1.25	0.87	0.12	9.11	7.53	3.04

5	1.20	0.83	0.12	9.11	7.42	2.94
5	1.15	0.79	0.11	9.11	7.30	2.83
5	1.10	0.75	0.11	9.11	7.17	2.73
5	1.05	0.71	0.10	9.11	7.05	2.62
5	1.00	0.67	0.10	9.11	6.92	2.52
5	1.00	0.67	0.10	9.11	6.92	2.52
5	0.95	0.63	0.09	9.11	6.79	2.41
5	0.90	0.59	0.09	9.11	6.66	2.30
5	0.85	0.55	0.08	9.11	6.53	2.20
5	0.80	0.51	0.08	9.11	6.40	2.09
5	0.75	0.48	0.07	9.11	6.28	1.99
5	0.70	0.44	0.07	9.11	6.15	1.88
5	0.65	0.41	0.06	9.11	6.02	1.78
5	0.60	0.37	0.06	9.11	5.90	1.74
5	0.55	0.34	0.05	9.11	5.78	1.74
5	0.50	0.31	0.05	9.11	5.67	1.73
5	0.45	0.27	0.04	9.11	5.56	1.73
5	0.40	0.24	0.04	9.11	5.45	1.73
5	0.35	0.21	0.03	9.11	5.35	1.73
5	0.30	0.18	0.03	9.11	5.25	1.72
5	0.25	0.15	0.02	9.11	5.16	1.72
5	0.20	0.12	0.02	9.11	5.07	1.72
5	0.15	0.09	0.01	9.11	4.99	1.72
5	0.10	0.06	0.01	9.11	4.92	1.71
5	0.05	0.03	0.00	9.11	4.85	1.71
5	0.00	0.00	0.00	9.11	4.79	1.71

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
	2.54	0.00	0.00	0.00	0.00	0.00
5	2.49	3.65	0.01	3.64	3.12	0.52
5	2.44	7.29	0.02	7.27	6.24	1.04
5	2.39	10.93	0.03	10.91	9.35	1.56
5	2.34	14.57	0.03	14.54	12.46	2.08
5	2.29	18.21	0.04	18.17	15.57	2.60
5	2.24	21.85	0.06	21.79	18.68	3.11
5	2.19	25.48	0.07	25.41	21.78	3.63
5	2.14	29.11	0.08	29.02	24.88	4.14
5	2.09	32.73	0.10	32.63	27.98	4.66
5	2.04	36.35	0.11	36.24	31.07	5.17
5	1.99	39.97	0.13	39.83	34.16	5.68
5	1.94	43.58	0.16	43.42	37.24	6.18
5	1.89	47.18	0.18	47.00	40.31	6.68
5	1.85	50.77	0.21	50.57	43.38	7.18
5	1.80	54.36	0.24	54.12	46.44	7.68
5	1.75	57.94	0.27	57.67	49.49	8.18
5	1.70	61.51	0.31	61.20	52.54	8.66
5	1.65	65.07	0.35	64.72	55.57	9.15
5	1.60	68.62	0.40	68.22	58.59	9.63
5	1.55	72.15	0.45	71.70	61.59	10.11
5	1.55	72.15	0.45	71.70	61.59	10.11
5	1.51	75.68	0.50	75.17	64.59	10.58
5	1.46	79.18	0.56	78.62	67.57	11.06
5	1.41	82.67	0.62	82.05	70.53	11.52

5	1.36	86.15	0.69	85.45	73.47	11.98
5	1.32	89.60	0.76	88.83	76.40	12.44
5	1.27	93.03	0.84	92.19	79.30	12.88
5	1.22	96.44	0.93	95.51	82.19	13.33
5	1.18	99.83	1.02	98.81	85.05	13.76
5	1.13	103.20	1.12	102.08	87.88	14.19
5	1.09	106.53	1.22	105.31	90.69	14.62
5	1.04	109.84	1.33	108.51	93.47	15.04
5	1.00	113.12	1.45	111.67	96.22	15.45
5	0.95	116.36	1.57	114.79	98.94	15.86
5	0.91	119.57	1.70	117.88	101.62	16.26
5	0.87	122.75	1.83	120.93	104.27	16.65
5	0.83	125.90	1.96	123.94	106.89	17.05
5	0.79	129.00	2.10	126.90	109.47	17.44
5	0.75	132.07	2.24	129.83	112.01	17.82
5	0.71	135.10	2.39	132.71	114.51	18.20
5	0.67	138.09	2.54	135.56	116.97	18.58
5	0.67	138.09	2.54	135.56	116.97	18.58
5	0.63	141.05	2.68	138.36	119.40	18.96
5	0.59	143.96	2.83	141.12	121.78	19.34
5	0.55	146.83	2.98	143.85	124.13	19.72
5	0.51	149.66	3.13	146.53	126.43	20.10
5	0.48	152.46	3.28	149.18	128.70	20.48
5	0.44	155.21	3.43	151.78	130.92	20.86
5	0.41	157.92	3.57	154.35	133.11	21.24
5	0.37	160.60	3.71	156.89	135.26	21.63
5	0.34	163.24	3.85	159.39	137.37	22.02

5	0.31	165.84	3.99	161.86	139.44	22.42
5	0.27	168.41	4.11	164.30	141.48	22.81
5	0.24	170.95	4.24	166.71	143.49	23.22
5	0.21	173.45	4.36	169.09	145.46	23.63
5	0.18	175.92	4.47	171.45	147.41	24.04
5	0.15	178.36	4.57	173.79	149.32	24.47
5	0.12	180.78	4.67	176.10	151.21	24.90
5	0.09	183.17	4.77	178.40	153.07	25.33
5	0.06	185.53	4.85	180.68	154.91	25.77
5	0.03	187.88	4.93	182.94	156.72	26.22
5	0.00	190.20	5.45	184.74	158.52	26.23

Time = 27. Degree of Consolidation = 29.%

Total Settlement = 0.460

Settlement at End of Primary Consolidation = 1.591

Settlement caused by Primary Consolidation at time 27. = 0.460

Settlement caused by Secondary Compression at time 27. = 0.000

Surface Elevation = 1.98

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.92	12.05	24.00	23.37	19.14
1	29.79	29.73	12.04	23.95	23.32	19.09
1	29.59	29.53	12.03	23.90	23.27	19.04

1	29.39	29.34	12.03	23.85	23.22	19.00
1	29.19	29.14	12.02	23.81	23.17	18.95
1	28.99	28.95	12.01	23.76	23.13	18.90
1	28.79	28.75	12.00	23.71	23.08	18.85
1	28.59	28.56	11.99	23.66	23.03	18.80
1	28.39	28.36	11.99	23.61	22.98	18.75
1	28.19	28.17	11.98	23.56	22.93	18.70
1	27.99	27.98	11.97	23.51	22.88	18.66
2	27.99	27.98	11.97	2.20	2.19	2.14
2	26.66	26.65	11.55	2.14	2.13	2.07
2	25.36	25.35	11.13	2.07	2.07	2.02
2	24.09	24.08	10.71	2.02	2.02	1.98
2	22.83	22.82	10.30	1.98	1.98	1.93
2	21.60	21.59	9.88	1.93	1.93	1.89
2	20.38	20.37	9.46	1.89	1.89	1.84
2	19.18	19.17	9.04	1.84	1.84	1.80
2	18.00	17.99	8.62	1.80	1.79	1.75
3	18.00	17.99	8.62	1.56	1.56	1.56
3	17.19	17.19	8.31	1.56	1.56	1.55
3	16.38	16.38	7.99	1.55	1.55	1.54
3	15.58	15.58	7.68	1.55	1.54	1.54
3	14.78	14.78	7.36	1.54	1.54	1.53
3	13.98	13.98	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.52
3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.58	6.10	1.52	1.52	1.52
3	10.79	10.79	5.78	1.52	1.52	1.51

3	10.00	10.00	5.47	1.51	1.51	1.51
4	10.00	10.00	5.47	0.85	0.85	0.85
4	8.99	8.99	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.84	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.83
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.81

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.92	255.29	5.48	249.81	213.05	36.76
1	29.73	267.98	5.91	262.08	225.32	36.76
1	29.53	280.66	6.33	274.33	237.57	36.76
1	29.34	293.30	6.75	286.55	249.79	36.76
1	29.14	305.92	7.18	298.75	261.99	36.76
1	28.95	318.52	7.60	310.92	274.16	36.76
1	28.75	331.09	8.02	323.07	286.31	36.76
1	28.56	343.64	8.44	335.19	298.43	36.76
1	28.36	356.16	8.87	347.29	310.53	36.76
1	28.17	368.66	9.29	359.37	322.61	36.76
1	27.98	381.13	9.71	371.42	334.66	36.76
2	27.98	381.13	9.71	371.42	334.66	36.76

2	26.65	504.45	48.92	455.53	417.24	38.29
2	25.35	626.16	85.69	540.47	498.22	42.24
2	24.08	746.42	126.42	620.00	577.76	42.24
2	22.82	865.48	167.15	698.33	656.08	42.24
2	21.59	983.40	208.14	775.27	733.28	41.99
2	20.37	1100.16	250.97	849.19	809.31	39.89
2	19.17	1215.69	292.69	923.00	884.11	38.89
2	17.99	1329.91	337.84	992.07	957.60	34.47
2	17.99	1329.91	337.84	992.07	957.60	34.47
3	17.19	1411.19	372.04	1039.15	1007.97	31.18
3	16.38	1492.35	403.42	1088.93	1058.22	30.71
3	15.58	1573.38	432.53	1140.85	1108.34	32.50
3	14.78	1654.30	459.67	1194.63	1158.36	36.27
3	13.98	1735.13	485.02	1250.10	1208.28	41.83
3	13.18	1815.85	515.51	1300.33	1258.09	42.24
3	12.38	1896.48	546.42	1350.06	1307.82	42.24
3	11.58	1977.05	577.33	1399.72	1357.48	42.24
3	10.79	2057.54	608.23	1449.31	1407.07	42.24
3	10.00	2137.96	640.20	1497.76	1456.58	41.18
3	10.00	2137.96	640.20	1497.76	1456.58	41.18
4	8.99	2251.46	697.92	1553.53	1519.58	33.96
4	7.98	2364.80	750.15	1614.66	1582.43	32.23
4	6.97	2478.01	800.48	1677.53	1645.14	32.39
4	5.97	2591.08	850.12	1740.96	1707.71	33.25
4	4.97	2704.02	899.31	1804.71	1770.15	34.55
4	3.97	2816.82	947.90	1868.92	1832.46	36.47
4	2.98	2929.49	995.57	1933.92	1894.63	39.29

4	1.98	3042.03	1043.73	1998.31	1956.68	41.63
4	0.99	3154.44	1093.61	2060.83	2018.59	42.24
4	0.00	3266.71	1144.25	2122.45	2080.36	42.10

Time = 36. Degree of Consolidation = 11.%

Total Settlement = 0.065

Settlement at End of Primary Consolidation = 0.604

Settlement caused by Primary Consolidation at time 36. = 0.065

Settlement caused by Secondary Compression at time 36. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	4.00	3.41	0.40	9.11	9.11	9.11
5	3.95	3.36	0.39	9.11	9.11	8.65
5	3.90	3.31	0.39	9.11	9.11	8.20
5	3.85	3.26	0.38	9.11	9.10	7.74
5	3.80	3.21	0.38	9.11	9.10	7.29
5	3.75	3.16	0.37	9.11	9.10	6.83
5	3.70	3.11	0.37	9.11	9.10	6.37
5	3.65	3.06	0.36	9.11	9.09	5.92
5	3.60	3.01	0.36	9.11	9.09	5.46
5	3.55	2.96	0.35	9.11	9.09	5.00
5	3.50	2.91	0.35	9.11	9.08	4.79
5	3.45	2.87	0.34	9.11	9.08	4.78

5	3.40	2.82	0.34	9.11	9.07	4.78
5	3.35	2.77	0.33	9.11	9.06	4.77
5	3.30	2.72	0.33	9.11	9.06	4.77
5	3.25	2.67	0.32	9.11	9.05	4.76
5	3.20	2.62	0.32	9.11	9.04	4.76
5	3.15	2.57	0.31	9.11	9.03	4.75
5	3.10	2.52	0.31	9.11	9.02	4.74
5	3.05	2.47	0.30	9.11	9.00	4.73
5	3.00	2.42	0.30	9.11	8.99	4.63
5	3.00	2.42	0.30	9.11	8.99	4.63
5	2.95	2.37	0.29	9.11	8.97	4.52
5	2.90	2.32	0.29	9.11	8.96	4.42
5	2.85	2.27	0.28	9.11	8.94	4.31
5	2.80	2.22	0.28	9.11	8.92	4.21
5	2.75	2.17	0.27	9.11	8.89	4.10
5	2.70	2.12	0.27	9.11	8.87	3.99
5	2.65	2.07	0.26	9.11	8.84	3.89
5	2.60	2.03	0.26	9.11	8.81	3.78
5	2.55	1.98	0.25	9.11	8.78	3.68
5	2.50	1.93	0.25	9.11	8.74	3.57
5	2.45	1.88	0.24	9.11	8.71	3.47
5	2.40	1.83	0.24	9.11	8.66	3.36
5	2.35	1.79	0.23	9.11	8.62	3.26
5	2.30	1.74	0.23	9.11	8.57	3.15
5	2.25	1.69	0.22	9.11	8.52	3.04
5	2.20	1.64	0.22	9.11	8.47	2.94
5	2.15	1.60	0.21	9.11	8.41	2.83

5	2.10	1.55	0.21	9.11	8.35	2.73
5	2.05	1.50	0.20	9.11	8.28	2.62
5	2.00	1.46	0.20	9.11	8.21	2.52
5	2.00	1.46	0.20	9.11	8.21	2.52
5	1.95	1.41	0.19	9.11	8.14	2.41
5	1.90	1.37	0.19	9.11	8.07	2.30
5	1.85	1.32	0.18	9.11	7.99	2.20
5	1.80	1.28	0.18	9.11	7.91	2.09
5	1.75	1.24	0.17	9.11	7.83	1.99
5	1.70	1.19	0.17	9.11	7.74	1.88
5	1.65	1.15	0.16	9.11	7.65	1.78
5	1.60	1.11	0.16	9.11	7.56	1.74
5	1.55	1.06	0.15	9.11	7.46	1.74
5	1.50	1.02	0.15	9.11	7.36	1.73
5	1.45	0.98	0.14	9.11	7.26	1.73
5	1.40	0.94	0.14	9.11	7.16	1.73
5	1.35	0.90	0.13	9.11	7.05	1.73
5	1.30	0.86	0.13	9.11	6.95	1.72
5	1.25	0.82	0.12	9.11	6.84	1.72
5	1.20	0.78	0.12	9.11	6.73	1.72
5	1.15	0.75	0.11	9.11	6.63	1.72
5	1.10	0.71	0.11	9.11	6.52	1.71
5	1.05	0.67	0.10	9.11	6.41	1.71
5	1.00	0.64	0.10	9.11	6.31	1.71
5	1.00	0.64	0.10	9.11	6.31	1.71
5	0.95	0.60	0.09	9.11	6.20	1.71
5	0.90	0.56	0.09	9.11	6.10	1.70

5	0.85	0.53	0.08	9.11	5.99	1.70
5	0.80	0.50	0.08	9.11	5.90	1.70
5	0.75	0.46	0.07	9.11	5.80	1.70
5	0.70	0.43	0.07	9.11	5.70	1.69
5	0.65	0.40	0.06	9.11	5.61	1.69
5	0.60	0.36	0.06	9.11	5.53	1.69
5	0.55	0.33	0.05	9.11	5.44	1.69
5	0.50	0.30	0.05	9.11	5.36	1.68
5	0.45	0.27	0.04	9.11	5.29	1.68
5	0.40	0.24	0.04	9.11	5.22	1.68
5	0.35	0.21	0.03	9.11	5.15	1.67
5	0.30	0.18	0.03	9.11	5.08	1.67
5	0.25	0.15	0.02	9.11	5.02	1.67
5	0.20	0.12	0.02	9.11	4.97	1.67
5	0.15	0.09	0.01	9.11	4.92	1.66
5	0.10	0.06	0.01	9.11	4.87	1.66
5	0.05	0.03	0.00	9.11	4.83	1.66
5	0.00	0.00	0.00	9.11	4.79	1.66

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	3.41	0.00	0.00	0.00	0.00	0.00
5	3.36	3.65	0.00	3.65	3.12	0.53
5	3.31	7.29	0.00	7.29	6.24	1.05
5	3.26	10.94	0.01	10.93	9.36	1.58
5	3.21	14.59	0.01	14.58	12.47	2.10
5	3.16	18.23	0.01	18.22	15.59	2.63

5	3.11	21.88	0.02	21.86	18.71	3.15
5	3.06	25.52	0.02	25.50	21.82	3.68
5	3.01	29.16	0.02	29.14	24.94	4.20
5	2.96	32.80	0.03	32.77	28.05	4.72
5	2.91	36.44	0.03	36.41	31.16	5.25
5	2.87	40.08	0.04	40.04	34.27	5.77
5	2.82	43.72	0.05	43.67	37.38	6.29
5	2.77	47.35	0.05	47.30	40.49	6.81
5	2.72	50.98	0.06	50.92	43.59	7.33
5	2.67	54.61	0.07	54.54	46.69	7.85
5	2.62	58.24	0.08	58.16	49.79	8.37
5	2.57	61.87	0.10	61.77	52.89	8.88
5	2.52	65.49	0.11	65.38	55.98	9.39
5	2.47	69.10	0.12	68.98	59.07	9.91
5	2.42	72.72	0.14	72.57	62.16	10.42
5	2.42	72.72	0.14	72.57	62.16	10.42
5	2.37	76.32	0.16	76.16	65.24	10.93
5	2.32	79.93	0.18	79.75	68.31	11.44
5	2.27	83.52	0.20	83.32	71.38	11.94
5	2.22	87.12	0.22	86.89	74.44	12.45
5	2.17	90.70	0.25	90.45	77.50	12.95
5	2.12	94.28	0.28	94.00	80.55	13.45
5	2.07	97.85	0.31	97.54	83.59	13.95
5	2.03	101.41	0.35	101.06	86.62	14.44
5	1.98	104.96	0.38	104.58	89.65	14.93
5	1.93	108.50	0.42	108.08	92.66	15.42
5	1.88	112.03	0.47	111.56	95.66	15.90

5	1.83	115.55	0.52	115.03	98.65	16.38
5	1.79	119.05	0.57	118.48	101.62	16.86
5	1.74	122.54	0.62	121.91	104.59	17.33
5	1.69	126.01	0.68	125.33	107.53	17.80
5	1.64	129.47	0.75	128.72	110.46	18.26
5	1.60	132.91	0.81	132.10	113.37	18.72
5	1.55	136.33	0.89	135.45	116.27	19.18
5	1.50	139.73	0.96	138.77	119.14	19.63
5	1.46	143.11	1.04	142.07	121.99	20.08
5	1.46	143.11	1.04	142.07	121.99	20.08
5	1.41	146.47	1.12	145.35	124.83	20.53
5	1.37	149.81	1.21	148.61	127.64	20.97
5	1.32	153.13	1.29	151.83	130.42	21.41
5	1.28	156.42	1.39	155.03	133.19	21.85
5	1.24	159.68	1.48	158.20	135.92	22.28
5	1.19	162.92	1.58	161.34	138.63	22.70
5	1.15	166.13	1.69	164.45	141.32	23.13
5	1.11	169.32	1.80	167.52	143.97	23.55
5	1.06	172.47	1.91	170.56	146.60	23.96
5	1.02	175.60	2.02	173.57	149.19	24.38
5	0.98	178.69	2.14	176.55	151.76	24.79
5	0.94	181.75	2.26	179.49	154.29	25.20
5	0.90	184.78	2.38	182.40	156.79	25.61
5	0.86	187.78	2.50	185.27	159.26	26.01
5	0.82	190.74	2.63	188.12	161.70	26.42
5	0.78	193.67	2.75	190.92	164.10	26.82
5	0.75	196.57	2.87	193.70	166.47	27.22

5	0.71	199.44	3.00	196.44	168.81	27.63
5	0.67	202.27	3.12	199.15	171.11	28.03
5	0.64	205.07	3.24	201.82	173.39	28.44
5	0.64	205.07	3.24	201.82	173.39	28.44
5	0.60	207.83	3.37	204.47	175.62	28.84
5	0.56	210.57	3.49	207.08	177.83	29.25
5	0.53	213.27	3.61	209.66	180.00	29.66
5	0.50	215.94	3.72	212.22	182.15	30.07
5	0.46	218.58	3.83	214.75	184.26	30.49
5	0.43	221.19	3.94	217.25	186.34	30.91
5	0.40	223.78	4.05	219.73	188.40	31.33
5	0.36	226.33	4.15	222.19	190.43	31.76
5	0.33	228.86	4.24	224.62	192.43	32.19
5	0.30	231.37	4.34	227.03	194.40	32.63
5	0.27	233.85	4.42	229.42	196.36	33.07
5	0.24	236.30	4.51	231.80	198.29	33.51
5	0.21	238.74	4.59	234.15	200.19	33.96
5	0.18	241.15	4.66	236.49	202.08	34.41
5	0.15	243.55	4.73	238.82	203.95	34.87
5	0.12	245.93	4.79	241.14	205.80	35.34
5	0.09	248.29	4.85	243.44	207.63	35.81
5	0.06	250.64	4.91	245.73	209.45	36.28
5	0.03	252.97	4.96	248.01	211.26	36.76
5	0.00	255.29	5.48	249.81	213.05	36.76

Time = 36. Degree of Consolidation = 25.%

Total Settlement = 0.586

Settlement at End of Primary Consolidation = 2.326

0.586 Settlement caused by Primary Consolidation at time 36. =

0.000 Settlement caused by Secondary Compression at time 36. =

Surface Elevation = 2.85

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.92	12.05	24.00	23.37	17.93
1	29.79	29.73	12.04	23.95	23.32	17.88
1	29.59	29.53	12.03	23.90	23.27	17.83
1	29.39	29.33	12.03	23.85	23.22	17.78
1	29.19	29.14	12.02	23.81	23.17	17.73
1	28.99	28.94	12.01	23.76	23.12	17.68
1	28.79	28.75	12.00	23.71	23.08	17.64
1	28.59	28.55	11.99	23.66	23.03	17.59
1	28.39	28.36	11.99	23.61	22.98	17.54
1	28.19	28.17	11.98	23.56	22.93	17.49
1	27.99	27.97	11.97	23.51	22.88	17.44
2	27.99	27.97	11.97	2.20	2.19	2.12
2	26.66	26.65	11.55	2.14	2.13	2.05
2	25.36	25.35	11.13	2.07	2.07	2.01
2	24.09	24.08	10.71	2.02	2.02	1.97
2	22.83	22.82	10.30	1.98	1.98	1.92
2	21.60	21.59	9.88	1.93	1.93	1.88

2	20.38	20.37	9.46	1.89	1.89	1.83
2	19.18	19.17	9.04	1.84	1.84	1.78
2	18.00	17.99	8.62	1.80	1.79	1.74
3	18.00	17.99	8.62	1.56	1.56	1.55
3	17.19	17.18	8.31	1.56	1.56	1.55
3	16.38	16.38	7.99	1.55	1.55	1.54
3	15.58	15.58	7.68	1.55	1.54	1.53
3	14.78	14.78	7.36	1.54	1.54	1.53
3	13.98	13.98	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.52
3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.58	6.10	1.52	1.52	1.51
3	10.79	10.79	5.78	1.52	1.52	1.51
3	10.00	10.00	5.47	1.51	1.51	1.51
4	10.00	10.00	5.47	0.85	0.85	0.84
4	8.99	8.99	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.84	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.80

***** Stresses *****

***** Pore Pressures *****

	XI	Total	Effective	Total	Static	Excess
Material	29.92	320.74	5.50	315.24	267.94	47.30
1	29.73	333.44	5.92	327.52	280.21	47.30
1	29.53	346.11	6.35	339.76	292.46	47.30
1	29.33	358.75	6.77	351.98	304.68	47.30
1	29.14	371.37	7.19	364.18	316.88	47.30
1	28.94	383.97	7.61	376.35	329.05	47.30
1	28.75	396.54	8.04	388.50	341.20	47.30
1	28.55	409.09	8.46	400.62	353.32	47.31
1	28.36	421.61	8.88	412.72	365.42	47.31
1	28.17	434.11	9.31	424.80	377.49	47.31
1	27.97	446.58	9.73	436.85	389.54	47.31
1	27.97	446.58	9.73	436.85	389.54	47.31
2	26.65	569.88	49.33	520.55	472.11	48.44
2	25.35	691.58	85.69	605.89	553.09	52.80
2	24.08	811.84	126.42	685.42	632.62	52.80
2	22.82	930.90	167.15	763.75	710.94	52.80
2	21.59	1048.82	208.32	840.50	788.14	52.37
2	20.37	1165.57	251.50	914.07	864.16	49.91
2	19.17	1281.08	293.60	987.48	938.93	48.54
2	17.99	1395.27	338.86	1056.40	1012.39	44.01
2	17.99	1395.27	338.86	1056.40	1012.39	44.01
3	17.18	1476.54	373.12	1103.42	1062.76	40.66
3	16.38	1557.69	404.41	1153.28	1113.00	40.28
3	15.58	1638.72	433.33	1205.39	1163.13	42.27
3	14.78	1719.64	460.22	1259.43	1213.14	46.29
3	13.98	1800.47	485.29	1315.17	1263.06	52.12
3						

3	13.18	1881.19	515.51	1365.67	1312.87	52.80
3	12.38	1961.82	546.42	1415.40	1362.60	52.80
3	11.58	2042.39	577.33	1465.06	1412.26	52.80
3	10.79	2122.88	608.23	1514.65	1461.85	52.80
3	10.00	2203.30	640.38	1562.92	1511.36	51.56
4	10.00	2203.30	640.38	1562.92	1511.36	51.56
4	8.99	2316.79	699.36	1617.44	1574.35	43.08
4	7.98	2430.14	752.18	1677.96	1637.20	40.76
4	6.97	2543.34	802.63	1740.70	1699.90	40.80
4	5.97	2656.40	852.11	1804.29	1762.47	41.82
4	4.97	2769.33	900.96	1868.37	1824.91	43.47
4	3.97	2882.13	949.11	1933.02	1887.21	45.81
4	2.98	2994.80	996.33	1998.46	1949.38	49.08
4	1.98	3107.34	1044.08	2063.25	2011.42	51.83
4	0.99	3219.75	1093.61	2126.13	2073.33	52.80
4	0.00	3332.01	1144.44	2187.57	2135.11	52.47

Time = 45. Degree of Consolidation = 9.%

Total Settlement = 0.067

Settlement at End of Primary Consolidation = 0.755

Settlement caused by Primary Consolidation at time 45. = 0.067

Settlement caused by Secondary Compression at time 45. = 0.000

*****Current Conditions in Dredged Fill*****

***** Coordinates *****

***** Void Ratios *****

	A	XI	Z	Einitial	E	Eeop
Material	5.00	4.29	0.49	9.11	9.11	9.11
5	4.95	4.24	0.49	9.11	9.11	8.65
5	4.90	4.19	0.48	9.11	9.11	8.20
5	4.85	4.14	0.48	9.11	9.11	7.74
5	4.80	4.09	0.47	9.11	9.11	7.29
5	4.75	4.04	0.47	9.11	9.11	6.83
5	4.70	3.99	0.46	9.11	9.11	6.37
5	4.65	3.94	0.46	9.11	9.10	5.92
5	4.60	3.89	0.45	9.11	9.10	5.46
5	4.55	3.84	0.45	9.11	9.10	5.00
5	4.50	3.79	0.45	9.11	9.10	4.79
5	4.45	3.74	0.44	9.11	9.10	4.78
5	4.40	3.69	0.44	9.11	9.10	4.78
5	4.35	3.64	0.43	9.11	9.10	4.77
5	4.30	3.59	0.43	9.11	9.09	4.77
5	4.25	3.54	0.42	9.11	9.09	4.76
5	4.20	3.49	0.42	9.11	9.09	4.76
5	4.15	3.44	0.41	9.11	9.08	4.75
5	4.10	3.39	0.41	9.11	9.08	4.74
5	4.05	3.34	0.40	9.11	9.08	4.73
5	4.00	3.30	0.40	9.11	9.07	4.63
5	4.00	3.30	0.40	9.11	9.07	4.63
5	3.95	3.25	0.39	9.11	9.07	4.52
5	3.90	3.20	0.39	9.11	9.06	4.42
5	3.85	3.15	0.38	9.11	9.05	4.31
5	3.80	3.10	0.38	9.11	9.05	4.21

5	3.75	3.05	0.37	9.11	9.04	4.10
5	3.70	3.00	0.37	9.11	9.03	3.99
5	3.65	2.95	0.36	9.11	9.02	3.89
5	3.60	2.90	0.36	9.11	9.01	3.78
5	3.55	2.85	0.35	9.11	9.00	3.68
5	3.50	2.80	0.35	9.11	8.99	3.57
5	3.45	2.75	0.34	9.11	8.97	3.47
5	3.40	2.70	0.34	9.11	8.96	3.36
5	3.35	2.65	0.33	9.11	8.94	3.26
5	3.30	2.60	0.33	9.11	8.92	3.15
5	3.25	2.55	0.32	9.11	8.90	3.04
5	3.20	2.50	0.32	9.11	8.88	2.94
5	3.15	2.46	0.31	9.11	8.86	2.83
5	3.10	2.41	0.31	9.11	8.83	2.73
5	3.05	2.36	0.30	9.11	8.80	2.62
5	3.00	2.31	0.30	9.11	8.77	2.52
5	3.00	2.31	0.30	9.11	8.77	2.52
5	2.95	2.26	0.29	9.11	8.74	2.41
5	2.90	2.21	0.29	9.11	8.71	2.30
5	2.85	2.17	0.28	9.11	8.68	2.20
5	2.80	2.12	0.28	9.11	8.64	2.09
5	2.75	2.07	0.27	9.11	8.60	1.99
5	2.70	2.02	0.27	9.11	8.56	1.88
5	2.65	1.98	0.26	9.11	8.51	1.78
5	2.60	1.93	0.26	9.11	8.47	1.74
5	2.55	1.88	0.25	9.11	8.42	1.74
5	2.50	1.84	0.25	9.11	8.36	1.73

5	2.45	1.79	0.24	9.11	8.31	1.73
5	2.40	1.74	0.24	9.11	8.25	1.73
5	2.35	1.70	0.23	9.11	8.19	1.73
5	2.30	1.65	0.23	9.11	8.12	1.72
5	2.25	1.61	0.22	9.11	8.05	1.72
5	2.20	1.56	0.22	9.11	7.98	1.72
5	2.15	1.52	0.21	9.11	7.91	1.72
5	2.10	1.47	0.21	9.11	7.83	1.71
5	2.05	1.43	0.20	9.11	7.76	1.71
5	2.00	1.39	0.20	9.11	7.68	1.71
5	2.00	1.39	0.20	9.11	7.68	1.71
5	1.95	1.35	0.19	9.11	7.60	1.71
5	1.90	1.30	0.19	9.11	7.51	1.70
5	1.85	1.26	0.18	9.11	7.43	1.70
5	1.80	1.22	0.18	9.11	7.34	1.70
5	1.75	1.18	0.17	9.11	7.25	1.70
5	1.70	1.14	0.17	9.11	7.17	1.69
5	1.65	1.10	0.16	9.11	7.07	1.69
5	1.60	1.06	0.16	9.11	6.98	1.69
5	1.55	1.02	0.15	9.11	6.89	1.69
5	1.50	0.98	0.15	9.11	6.80	1.68
5	1.45	0.94	0.14	9.11	6.70	1.68
5	1.40	0.90	0.14	9.11	6.61	1.68
5	1.35	0.87	0.13	9.11	6.52	1.67
5	1.30	0.83	0.13	9.11	6.43	1.67
5	1.25	0.79	0.12	9.11	6.33	1.67
5	1.20	0.76	0.12	9.11	6.24	1.67

5	1.15	0.72	0.11	9.11	6.15	1.66
5	1.10	0.69	0.11	9.11	6.07	1.66
5	1.05	0.65	0.10	9.11	5.98	1.66
5	1.00	0.62	0.10	9.11	5.90	1.66
5	1.00	0.62	0.10	9.11	5.90	1.66
5	0.95	0.58	0.09	9.11	5.81	1.65
5	0.90	0.55	0.09	9.11	5.73	1.65
5	0.85	0.52	0.08	9.11	5.65	1.65
5	0.80	0.48	0.08	9.11	5.58	1.65
5	0.75	0.45	0.07	9.11	5.51	1.64
5	0.70	0.42	0.07	9.11	5.44	1.64
5	0.65	0.39	0.06	9.11	5.37	1.64
5	0.60	0.36	0.06	9.11	5.31	1.64
5	0.55	0.33	0.05	9.11	5.25	1.63
5	0.50	0.29	0.05	9.11	5.19	1.63
5	0.45	0.26	0.04	9.11	5.13	1.63
5	0.40	0.23	0.04	9.11	5.08	1.63
5	0.35	0.20	0.03	9.11	5.04	1.62
5	0.30	0.17	0.03	9.11	4.99	1.62
5	0.25	0.14	0.02	9.11	4.95	1.62
5	0.20	0.12	0.02	9.11	4.91	1.62
5	0.15	0.09	0.01	9.11	4.88	1.61
5	0.10	0.06	0.01	9.11	4.84	1.61
5	0.05	0.03	0.00	9.11	4.81	1.61
5	0.00	0.00	0.00	9.11	4.79	1.61

***** Stresses *****

***** Pore Pressures *****

	XI	Total	Effective	Total	Static	Excess
Material	4.29	0.00	0.00	0.00	0.00	0.00
5	4.24	3.65	0.00	3.65	3.12	0.53
5	4.19	7.30	0.00	7.29	6.24	1.05
5	4.14	10.94	0.00	10.94	9.36	1.58
5	4.09	14.59	0.00	14.59	12.48	2.11
5	4.04	18.24	0.00	18.23	15.60	2.64
5	3.99	21.88	0.00	21.88	18.72	3.16
5	3.94	25.53	0.01	25.52	21.83	3.69
5	3.89	29.18	0.01	29.17	24.95	4.22
5	3.84	32.82	0.01	32.81	28.07	4.74
5	3.79	36.47	0.01	36.46	31.19	5.27
5	3.74	40.11	0.01	40.10	34.31	5.80
5	3.69	43.76	0.01	43.74	37.42	6.32
5	3.64	47.40	0.02	47.39	40.54	6.85
5	3.59	51.05	0.02	51.03	43.65	7.37
5	3.54	54.69	0.02	54.67	46.77	7.90
5	3.49	58.33	0.03	58.30	49.88	8.42
5	3.44	61.97	0.03	61.94	52.99	8.95
5	3.39	65.61	0.03	65.57	56.10	9.47
5	3.34	69.25	0.04	69.21	59.21	9.99
5	3.30	72.88	0.05	72.84	62.32	10.52
5	3.30	72.88	0.05	72.84	62.32	10.52
5	3.25	76.52	0.05	76.47	65.43	11.04
5	3.20	80.15	0.06	80.10	68.54	11.56
5	3.15	83.78	0.06	83.72	71.64	12.08
5	3.10	87.41	0.07	87.34	74.74	12.60

5	3.05	91.04	0.08	90.96	77.84	13.12
5	3.00	94.67	0.09	94.57	80.94	13.64
5	2.95	98.29	0.10	98.19	84.03	14.15
5	2.90	101.91	0.12	101.79	87.12	14.67
5	2.85	105.52	0.13	105.39	90.21	15.18
5	2.80	109.13	0.14	108.99	93.29	15.70
5	2.75	112.74	0.16	112.58	96.37	16.21
5	2.70	116.34	0.18	116.17	99.45	16.72
5	2.65	119.94	0.20	119.74	102.52	17.23
5	2.60	123.54	0.22	123.32	105.58	17.73
5	2.55	127.12	0.24	126.88	108.64	18.24
5	2.50	130.70	0.27	130.43	111.69	18.74
5	2.46	134.27	0.30	133.98	114.74	19.24
5	2.41	137.84	0.32	137.52	117.78	19.74
5	2.36	141.40	0.36	141.04	120.80	20.24
5	2.31	144.95	0.39	144.56	123.82	20.73
5	2.31	144.95	0.39	144.56	123.82	20.73
5	2.26	148.49	0.42	148.06	126.84	21.22
5	2.21	152.02	0.46	151.55	129.84	21.72
5	2.17	155.54	0.50	155.03	132.83	22.20
5	2.12	159.04	0.54	158.50	135.81	22.69
5	2.07	162.54	0.59	161.95	138.78	23.17
5	2.02	166.03	0.64	165.39	141.74	23.65
5	1.98	169.50	0.69	168.81	144.68	24.13
5	1.93	172.95	0.75	172.21	147.61	24.60
5	1.88	176.39	0.80	175.59	150.52	25.07
5	1.84	179.82	0.87	178.95	153.42	25.54

5	1.79	183.23	0.93	182.30	156.30	26.00
5	1.74	186.62	1.00	185.62	159.16	26.46
5	1.70	189.99	1.07	188.92	162.01	26.92
5	1.65	193.34	1.15	192.20	164.83	27.37
5	1.61	196.68	1.22	195.45	167.64	27.82
5	1.56	199.99	1.30	198.68	170.42	28.27
5	1.52	203.28	1.39	201.89	173.18	28.71
5	1.47	206.54	1.48	205.07	175.92	29.15
5	1.43	209.79	1.57	208.22	178.63	29.59
5	1.39	213.00	1.66	211.35	181.32	30.02
5	1.39	213.00	1.66	211.35	181.32	30.02
5	1.35	216.20	1.75	214.45	183.99	30.46
5	1.30	219.37	1.85	217.52	186.63	30.89
5	1.26	222.51	1.95	220.56	189.24	31.32
5	1.22	225.62	2.05	223.58	191.83	31.75
5	1.18	228.71	2.15	226.57	194.39	32.17
5	1.14	231.78	2.25	229.52	196.93	32.60
5	1.10	234.81	2.36	232.45	199.43	33.02
5	1.06	237.81	2.46	235.35	201.91	33.44
5	1.02	240.79	2.57	238.22	204.36	33.86
5	0.98	243.74	2.68	241.06	206.78	34.28
5	0.94	246.66	2.78	243.88	209.17	34.70
5	0.90	249.55	2.89	246.66	211.53	35.13
5	0.87	252.41	3.00	249.41	213.87	35.55
5	0.83	255.25	3.11	252.14	216.17	35.97
5	0.79	258.05	3.21	254.84	218.45	36.39
5	0.76	260.83	3.32	257.51	220.70	36.81

5	0.72	263.58	3.42	260.16	222.92	37.24
5	0.69	266.30	3.52	262.78	225.12	37.66
5	0.65	269.00	3.62	265.38	227.28	38.09
5	0.62	271.67	3.72	267.95	229.43	38.52
5	0.62	271.67	3.72	267.95	229.43	38.52
5	0.58	274.31	3.81	270.50	231.54	38.96
5	0.55	276.93	3.91	273.02	233.63	39.39
5	0.52	279.52	4.00	275.52	235.70	39.83
5	0.48	282.09	4.09	278.01	237.74	40.27
5	0.45	284.64	4.17	280.47	239.76	40.71
5	0.42	287.17	4.25	282.91	241.76	41.16
5	0.39	289.67	4.33	285.34	243.73	41.61
5	0.36	292.15	4.40	287.75	245.69	42.06
5	0.33	294.62	4.47	290.14	247.62	42.52
5	0.29	297.06	4.54	292.52	249.54	42.98
5	0.26	299.49	4.60	294.89	251.44	43.45
5	0.23	301.91	4.66	297.25	253.33	43.92
5	0.20	304.30	4.72	299.59	255.20	44.39
5	0.17	306.69	4.77	301.92	257.05	44.87
5	0.14	309.06	4.82	304.24	258.90	45.35
5	0.12	311.42	4.86	306.56	260.73	45.83
5	0.09	313.76	4.90	308.86	262.55	46.32
5	0.06	316.10	4.94	311.16	264.35	46.81
5	0.03	318.43	4.97	313.45	266.15	47.30
5	0.00	320.74	5.50	315.24	267.94	47.30

Time = 45. Degree of Consolidation = 23.%

Total Settlement = 0.706

Settlement at End of Primary Consolidation = 3.066
 Settlement caused by Primary Consolidation at time 45. = 0.706
 Settlement caused by Secondary Compression at time 45. = 0.000
 Surface Elevation = 3.73

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.92	12.05	24.00	23.37	17.93
1	29.79	29.72	12.04	23.95	23.32	17.88
1	29.59	29.53	12.03	23.90	23.27	17.83
1	29.39	29.33	12.03	23.85	23.22	17.78
1	29.19	29.14	12.02	23.81	23.17	17.73
1	28.99	28.94	12.01	23.76	23.12	17.68
1	28.79	28.75	12.00	23.71	23.07	17.64
1	28.59	28.55	11.99	23.66	23.03	17.59
1	28.39	28.36	11.99	23.61	22.98	17.54
1	28.19	28.16	11.98	23.56	22.93	17.49
1	27.99	27.97	11.97	23.51	22.88	17.44
2	27.99	27.97	11.97	2.20	2.19	2.12
2	26.66	26.65	11.55	2.14	2.13	2.05
2	25.36	25.35	11.13	2.07	2.07	2.01
2	24.09	24.08	10.71	2.02	2.02	1.97
2	22.83	22.82	10.30	1.98	1.98	1.92

2	21.60	21.58	9.88	1.93	1.93	1.88
2	20.38	20.37	9.46	1.89	1.89	1.83
2	19.18	19.17	9.04	1.84	1.84	1.78
2	18.00	17.99	8.62	1.80	1.79	1.74
3	18.00	17.99	8.62	1.56	1.56	1.55
3	17.19	17.18	8.31	1.56	1.56	1.55
3	16.38	16.38	7.99	1.55	1.55	1.54
3	15.58	15.58	7.68	1.55	1.54	1.53
3	14.78	14.77	7.36	1.54	1.54	1.53
3	13.98	13.97	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.52
3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.58	6.10	1.52	1.52	1.51
3	10.79	10.79	5.78	1.52	1.52	1.51
3	10.00	10.00	5.47	1.51	1.51	1.51
4	10.00	10.00	5.47	0.85	0.85	0.84
4	8.99	8.99	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.84	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.80

		***** Stresses *****		***** Pore Pressures *****		
	XI	Total	Effective	Total	Static	Excess
Material	29.92	308.80	5.51	303.29	256.00	47.29
1	29.72	321.50	5.94	315.56	268.27	47.29
1	29.53	334.17	6.36	327.81	280.52	47.29
1	29.33	346.81	6.78	340.03	292.74	47.29
1	29.14	359.43	7.21	352.22	304.93	47.29
1	28.94	372.02	7.63	364.39	317.10	47.29
1	28.75	384.59	8.05	376.54	329.25	47.29
1	28.55	397.14	8.48	388.66	341.37	47.29
1	28.36	409.66	8.90	400.76	353.47	47.29
1	28.16	422.16	9.32	412.83	365.54	47.29
1	27.97	434.63	9.75	424.88	377.59	47.29
1	27.97	434.63	9.75	424.88	377.59	47.29
2	26.65	557.91	49.74	508.17	460.15	48.03
2	25.35	679.61	85.69	593.92	541.11	52.80
2	24.08	799.87	126.42	673.45	620.64	52.80
2	22.82	918.93	167.15	751.77	698.97	52.80
2	21.58	1036.85	208.68	828.17	776.16	52.00
2	20.37	1153.58	252.39	901.19	852.16	49.03
2	19.17	1269.05	295.02	974.03	926.90	47.12
2	17.99	1383.19	340.27	1042.92	1000.32	42.60
2	17.99	1383.19	340.27	1042.92	1000.32	42.60
3	17.18	1464.46	374.49	1089.97	1050.68	39.29
3	16.38	1545.61	405.62	1139.99	1100.92	39.07
3	15.58	1626.63	434.29	1192.35	1151.04	41.31
3	14.77	1707.55	460.87	1246.69	1201.05	45.64
3						

3	13.97	1788.37	485.61	1302.76	1250.96	51.79
3	13.18	1869.09	515.51	1353.58	1300.77	52.80
3	12.38	1949.73	546.42	1403.31	1350.51	52.80
3	11.58	2030.29	577.33	1452.97	1400.17	52.80
3	10.79	2110.79	608.23	1502.55	1449.75	52.80
3	10.00	2191.21	640.65	1550.55	1499.26	51.29
3	10.00	2191.21	640.65	1550.55	1499.26	51.29
4	8.99	2304.69	701.46	1603.24	1562.26	40.98
4	7.98	2418.03	755.22	1662.81	1625.09	37.72
4	6.97	2531.22	805.92	1725.30	1687.79	37.51
4	5.97	2644.28	855.18	1789.10	1750.35	38.75
4	4.97	2757.20	903.52	1853.68	1812.78	40.90
4	3.97	2869.99	951.03	1918.96	1875.07	43.89
4	2.98	2982.66	997.59	1985.07	1937.24	47.83
4	1.98	3095.19	1044.74	2050.45	1999.28	51.17
4	0.99	3207.60	1093.83	2113.77	2061.19	52.59
4	0.00	3319.87	1144.61	2175.26	2122.96	52.30

Time = 60. Degree of Consolidation = 9.%

Total Settlement = 0.071

Settlement at End of Primary Consolidation = 0.755

Settlement caused by Primary Consolidation at time 60. = 0.071

Settlement caused by Secondary Compression at time 60. = 0.000

*****Current Conditions in Dredged Fill*****

***** Coordinates *****

***** Void Ratios *****

	A	XI	Z	Einitial	E	Eeop
Material	5.00	4.10	0.49	9.11	9.11	9.11
5	4.95	4.05	0.49	9.11	9.10	8.65
5	4.90	4.00	0.48	9.11	9.09	8.20
5	4.85	3.95	0.48	9.11	9.09	7.74
5	4.80	3.90	0.47	9.11	9.08	7.29
5	4.75	3.85	0.47	9.11	9.07	6.83
5	4.70	3.80	0.46	9.11	9.06	6.37
5	4.65	3.75	0.46	9.11	9.06	5.92
5	4.60	3.70	0.45	9.11	9.05	5.46
5	4.55	3.65	0.45	9.11	9.04	5.00
5	4.50	3.60	0.45	9.11	9.03	4.79
5	4.45	3.55	0.44	9.11	9.02	4.78
5	4.40	3.51	0.44	9.11	9.01	4.78
5	4.35	3.46	0.43	9.11	9.00	4.77
5	4.30	3.41	0.43	9.11	8.99	4.77
5	4.25	3.36	0.42	9.11	8.98	4.76
5	4.20	3.31	0.42	9.11	8.97	4.76
5	4.15	3.26	0.41	9.11	8.95	4.75
5	4.10	3.21	0.41	9.11	8.94	4.74
5	4.05	3.16	0.40	9.11	8.92	4.73
5	4.00	3.11	0.40	9.11	8.90	4.63
5	4.00	3.11	0.40	9.11	8.90	4.63
5	3.95	3.06	0.39	9.11	8.89	4.52
5	3.90	3.01	0.39	9.11	8.87	4.42
5	3.85	2.96	0.38	9.11	8.85	4.31

5	3.80	2.92	0.38	9.11	8.83	4.21
5	3.75	2.87	0.37	9.11	8.80	4.10
5	3.70	2.82	0.37	9.11	8.78	3.99
5	3.65	2.77	0.36	9.11	8.75	3.89
5	3.60	2.72	0.36	9.11	8.73	3.78
5	3.55	2.67	0.35	9.11	8.70	3.68
5	3.50	2.63	0.35	9.11	8.67	3.57
5	3.45	2.58	0.34	9.11	8.63	3.47
5	3.40	2.53	0.34	9.11	8.60	3.36
5	3.35	2.48	0.33	9.11	8.56	3.26
5	3.30	2.44	0.33	9.11	8.52	3.15
5	3.25	2.39	0.32	9.11	8.48	3.04
5	3.20	2.34	0.32	9.11	8.44	2.94
5	3.15	2.30	0.31	9.11	8.39	2.83
5	3.10	2.25	0.31	9.11	8.35	2.73
5	3.05	2.20	0.30	9.11	8.30	2.62
5	3.00	2.16	0.30	9.11	8.25	2.52
5	3.00	2.16	0.30	9.11	8.25	2.52
5	2.95	2.11	0.29	9.11	8.20	2.41
5	2.90	2.07	0.29	9.11	8.14	2.30
5	2.85	2.02	0.28	9.11	8.09	2.20
5	2.80	1.98	0.28	9.11	8.03	2.09
5	2.75	1.93	0.27	9.11	7.97	1.99
5	2.70	1.89	0.27	9.11	7.91	1.88
5	2.65	1.84	0.26	9.11	7.85	1.78
5	2.60	1.80	0.26	9.11	7.78	1.74
5	2.55	1.76	0.25	9.11	7.71	1.74

5	2.50	1.71	0.25	9.11	7.65	1.73
5	2.45	1.67	0.24	9.11	7.58	1.73
5	2.40	1.63	0.24	9.11	7.50	1.73
5	2.35	1.59	0.23	9.11	7.43	1.73
5	2.30	1.55	0.23	9.11	7.36	1.72
5	2.25	1.51	0.22	9.11	7.28	1.72
5	2.20	1.46	0.22	9.11	7.20	1.72
5	2.15	1.42	0.21	9.11	7.13	1.72
5	2.10	1.38	0.21	9.11	7.05	1.71
5	2.05	1.34	0.20	9.11	6.97	1.71
5	2.00	1.31	0.20	9.11	6.89	1.71
5	2.00	1.31	0.20	9.11	6.89	1.71
5	1.95	1.27	0.19	9.11	6.81	1.71
5	1.90	1.23	0.19	9.11	6.73	1.70
5	1.85	1.19	0.18	9.11	6.65	1.70
5	1.80	1.15	0.18	9.11	6.58	1.70
5	1.75	1.12	0.17	9.11	6.50	1.70
5	1.70	1.08	0.17	9.11	6.42	1.69
5	1.65	1.04	0.16	9.11	6.34	1.69
5	1.60	1.01	0.16	9.11	6.27	1.69
5	1.55	0.97	0.15	9.11	6.19	1.69
5	1.50	0.93	0.15	9.11	6.12	1.68
5	1.45	0.90	0.14	9.11	6.05	1.68
5	1.40	0.86	0.14	9.11	5.98	1.68
5	1.35	0.83	0.13	9.11	5.91	1.67
5	1.30	0.80	0.13	9.11	5.84	1.67
5	1.25	0.76	0.12	9.11	5.77	1.67

5	1.20	0.73	0.12	9.11	5.71	1.67
5	1.15	0.70	0.11	9.11	5.65	1.66
5	1.10	0.66	0.11	9.11	5.59	1.66
5	1.05	0.63	0.10	9.11	5.53	1.66
5	1.00	0.60	0.10	9.11	5.47	1.66
5	1.00	0.60	0.10	9.11	5.47	1.66
5	0.95	0.57	0.09	9.11	5.42	1.65
5	0.90	0.54	0.09	9.11	5.36	1.65
5	0.85	0.50	0.08	9.11	5.31	1.65
5	0.80	0.47	0.08	9.11	5.26	1.65
5	0.75	0.44	0.07	9.11	5.22	1.64
5	0.70	0.41	0.07	9.11	5.17	1.64
5	0.65	0.38	0.06	9.11	5.13	1.64
5	0.60	0.35	0.06	9.11	5.09	1.64
5	0.55	0.32	0.05	9.11	5.06	1.63
5	0.50	0.29	0.05	9.11	5.02	1.63
5	0.45	0.26	0.04	9.11	4.99	1.63
5	0.40	0.23	0.04	9.11	4.96	1.63
5	0.35	0.20	0.03	9.11	4.93	1.62
5	0.30	0.17	0.03	9.11	4.91	1.62
5	0.25	0.14	0.02	9.11	4.88	1.62
5	0.20	0.12	0.02	9.11	4.86	1.62
5	0.15	0.09	0.01	9.11	4.84	1.61
5	0.10	0.06	0.01	9.11	4.82	1.61
5	0.05	0.03	0.00	9.11	4.80	1.61
5	0.00	0.00	0.00	9.11	4.78	1.61

		***** Stresses *****		***** Pore Pressures *****		
	XI	Total	Effective	Total	Static	Excess
Material	4.10	0.00	0.00	0.00	0.00	0.00
5	4.05	3.65	0.01	3.64	3.12	0.52
5	4.00	7.29	0.02	7.27	6.24	1.04
5	3.95	10.93	0.03	10.91	9.35	1.56
5	3.90	14.57	0.04	14.54	12.46	2.08
5	3.85	18.21	0.04	18.17	15.57	2.60
5	3.80	21.85	0.05	21.79	18.68	3.12
5	3.75	25.48	0.06	25.42	21.78	3.63
5	3.70	29.11	0.07	29.04	24.89	4.15
5	3.65	32.74	0.08	32.66	27.98	4.67
5	3.60	36.36	0.09	36.27	31.08	5.19
5	3.55	39.98	0.10	39.88	34.18	5.71
5	3.51	43.60	0.11	43.49	37.27	6.22
5	3.46	47.22	0.13	47.10	40.36	6.74
5	3.41	50.83	0.14	50.70	43.44	7.25
5	3.36	54.44	0.15	54.29	46.52	7.77
5	3.31	58.05	0.17	57.88	49.60	8.28
5	3.26	61.65	0.18	61.47	52.67	8.79
5	3.21	65.25	0.20	65.05	55.74	9.30
5	3.16	68.84	0.22	68.62	58.81	9.81
5	3.11	72.43	0.24	72.19	61.86	10.32
5	3.11	72.43	0.24	72.19	61.86	10.32
5	3.06	76.01	0.26	75.75	64.92	10.83
5	3.01	79.58	0.28	79.30	67.97	11.34
5	2.96	83.15	0.30	82.85	71.01	11.84

5	2.92	86.72	0.33	86.39	74.04	12.34
5	2.87	90.27	0.35	89.92	77.07	12.85
5	2.82	93.82	0.38	93.44	80.10	13.35
5	2.77	97.37	0.41	96.95	83.11	13.84
5	2.72	100.90	0.44	100.45	86.11	14.34
5	2.67	104.42	0.48	103.95	89.11	14.83
5	2.63	107.94	0.51	107.43	92.10	15.33
5	2.58	111.45	0.55	110.89	95.08	15.82
5	2.53	114.94	0.59	114.35	98.04	16.30
5	2.48	118.43	0.64	117.79	101.00	16.79
5	2.44	121.90	0.68	121.22	103.95	17.27
5	2.39	125.36	0.73	124.63	106.88	17.75
5	2.34	128.81	0.78	128.03	109.80	18.23
5	2.30	132.24	0.83	131.41	112.70	18.71
5	2.25	135.66	0.88	134.78	115.60	19.18
5	2.20	139.07	0.94	138.13	118.47	19.65
5	2.16	142.46	1.00	141.46	121.33	20.12
5	2.16	142.46	1.00	141.46	121.33	20.12
5	2.11	145.83	1.06	144.77	124.18	20.59
5	2.07	149.19	1.12	148.07	127.01	21.06
5	2.02	152.53	1.18	151.35	129.82	21.52
5	1.98	155.85	1.25	154.60	132.62	21.98
5	1.93	159.16	1.32	157.84	135.40	22.44
5	1.89	162.45	1.39	161.06	138.16	22.90
5	1.84	165.71	1.46	164.25	140.90	23.36
5	1.80	168.96	1.54	167.43	143.62	23.81
5	1.76	172.19	1.61	170.58	146.32	24.26

5	1.71	175.40	1.69	173.70	149.00	24.71
5	1.67	178.58	1.78	176.81	151.65	25.15
5	1.63	181.75	1.86	179.89	154.29	25.60
5	1.59	184.89	1.94	182.94	156.90	26.04
5	1.55	188.01	2.03	185.98	159.49	26.48
5	1.51	191.10	2.12	188.98	162.06	26.92
5	1.46	194.17	2.21	191.97	164.60	27.36
5	1.42	197.22	2.30	194.92	167.12	27.80
5	1.38	200.24	2.39	197.86	169.62	28.24
5	1.34	203.24	2.48	200.77	172.09	28.68
5	1.31	206.22	2.57	203.65	174.54	29.11
5	1.31	206.22	2.57	203.65	174.54	29.11
5	1.27	209.17	2.66	206.51	176.96	29.55
5	1.23	212.10	2.75	209.35	179.36	29.99
5	1.19	215.00	2.84	212.16	181.73	30.42
5	1.15	217.88	2.93	214.94	184.08	30.86
5	1.12	220.73	3.02	217.71	186.41	31.30
5	1.08	223.56	3.11	220.45	188.71	31.74
5	1.04	226.37	3.20	223.16	190.99	32.17
5	1.01	229.15	3.29	225.86	193.24	32.61
5	0.97	231.91	3.38	228.53	195.47	33.06
5	0.93	234.64	3.46	231.18	197.68	33.50
5	0.90	237.36	3.55	233.81	199.87	33.94
5	0.86	240.05	3.63	236.42	202.03	34.39
5	0.83	242.72	3.71	239.01	204.17	34.84
5	0.80	245.37	3.79	241.58	206.29	35.29
5	0.76	248.00	3.86	244.13	208.39	35.74

5	0.73	250.60	3.94	246.67	210.47	36.19
5	0.70	253.19	4.01	249.18	212.53	36.65
5	0.66	255.76	4.08	251.69	214.58	37.11
5	0.63	258.31	4.14	254.17	216.60	37.57
5	0.60	260.85	4.21	256.64	218.61	38.03
5	0.60	260.85	4.21	256.64	218.61	38.03
5	0.57	263.37	4.27	259.09	220.60	38.50
5	0.54	265.87	4.34	261.53	222.57	38.96
5	0.50	268.35	4.39	263.96	224.52	39.43
5	0.47	270.82	4.45	266.37	226.47	39.90
5	0.44	273.27	4.50	268.77	228.39	40.38
5	0.41	275.71	4.55	271.16	230.30	40.86
5	0.38	278.14	4.60	273.54	232.20	41.34
5	0.35	280.56	4.65	275.91	234.09	41.82
5	0.32	282.96	4.69	278.27	235.96	42.30
5	0.29	285.35	4.73	280.62	237.83	42.79
5	0.26	287.73	4.77	282.96	239.68	43.28
5	0.23	290.10	4.80	285.30	241.53	43.77
5	0.20	292.47	4.84	287.63	243.36	44.27
5	0.17	294.82	4.87	289.96	245.19	44.77
5	0.14	297.17	4.89	292.27	247.01	45.27
5	0.12	299.51	4.92	294.59	248.82	45.77
5	0.09	301.84	4.94	296.90	250.62	46.27
5	0.06	304.17	4.97	299.20	252.42	46.78
5	0.03	306.49	4.99	301.50	254.21	47.29
5	0.00	308.80	5.51	303.29	256.00	47.29

Time = 60. Degree of Consolidation = 29.%

Total Settlement = 0.897
 Settlement at End of Primary Consolidation = 3.066
 Settlement caused by Primary Consolidation at time 60. = 0.897
 Settlement caused by Secondary Compression at time 60. = 0.000
 Surface Elevation = 3.53

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.92	12.05	24.00	23.37	17.93
1	29.79	29.72	12.04	23.95	23.32	17.88
1	29.59	29.52	12.03	23.90	23.27	17.83
1	29.39	29.33	12.03	23.85	23.22	17.78
1	29.19	29.13	12.02	23.81	23.17	17.73
1	28.99	28.94	12.01	23.76	23.12	17.68
1	28.79	28.74	12.00	23.71	23.07	17.64
1	28.59	28.55	11.99	23.66	23.02	17.59
1	28.39	28.35	11.99	23.61	22.98	17.54
1	28.19	28.16	11.98	23.56	22.93	17.49
1	27.99	27.97	11.97	23.51	22.88	17.44
2	27.99	27.97	11.97	2.20	2.19	2.12
2	26.66	26.65	11.55	2.14	2.13	2.05
2	25.36	25.35	11.13	2.07	2.07	2.01
2	24.09	24.07	10.71	2.02	2.02	1.97

2	22.83	22.82	10.30	1.98	1.98	1.92
2	21.60	21.58	9.88	1.93	1.93	1.88
2	20.38	20.36	9.46	1.89	1.89	1.83
2	19.18	19.17	9.04	1.84	1.84	1.78
2	18.00	17.99	8.62	1.80	1.78	1.74
3	18.00	17.99	8.62	1.56	1.56	1.55
3	17.19	17.18	8.31	1.56	1.55	1.55
3	16.38	16.38	7.99	1.55	1.55	1.54
3	15.58	15.57	7.68	1.55	1.54	1.53
3	14.78	14.77	7.36	1.54	1.54	1.53
3	13.98	13.97	7.05	1.53	1.53	1.53
3	13.18	13.18	6.73	1.53	1.53	1.52
3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.58	6.10	1.52	1.52	1.51
3	10.79	10.79	5.78	1.52	1.52	1.51
3	10.00	9.99	5.47	1.51	1.51	1.51
4	10.00	9.99	5.47	0.85	0.85	0.84
4	8.99	8.98	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.84	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.80

		***** Stresses *****		***** Pore Pressures *****		
Material	XI	Total	Effective	Total	Static	Excess
1	29.92	297.64	5.52	292.11	244.83	47.28
1	29.72	310.33	5.94	304.38	257.10	47.28
1	29.52	323.00	6.37	316.63	269.35	47.28
1	29.33	335.64	6.79	328.85	281.57	47.28
1	29.13	348.26	7.21	341.04	293.76	47.28
1	28.94	360.85	7.64	353.21	305.93	47.28
1	28.74	373.42	8.06	365.36	318.08	47.28
1	28.55	385.97	8.48	377.48	330.20	47.28
1	28.35	398.49	8.91	389.58	342.30	47.28
1	28.16	410.99	9.33	401.65	354.37	47.28
1	27.97	423.46	9.75	413.70	366.42	47.28
2	27.97	423.46	9.75	413.70	366.42	47.28
2	26.65	546.73	49.95	496.78	448.96	47.81
2	25.35	668.42	85.69	582.73	529.93	52.80
2	24.07	788.68	126.42	662.26	609.46	52.80
2	22.82	907.74	167.15	740.59	687.79	52.80
2	21.58	1025.66	209.09	816.57	764.97	51.60
2	20.36	1142.37	253.26	889.10	840.95	48.15
2	19.17	1257.81	296.31	961.49	915.66	45.83
2	17.99	1371.91	341.44	1030.47	989.03	41.44
2	17.99	1371.91	341.44	1030.47	989.03	41.44
3	17.18	1453.18	375.54	1077.64	1039.40	38.25
3	16.38	1534.32	406.50	1127.82	1089.63	38.19
3	15.57	1615.34	434.96	1180.38	1139.75	40.64

3	14.77	1696.26	461.31	1234.94	1189.75	45.19
3	13.97	1777.07	485.84	1291.24	1239.66	51.57
3	13.18	1857.79	515.51	1342.28	1289.48	52.80
3	12.38	1938.43	546.42	1392.01	1339.21	52.80
3	11.58	2019.00	577.33	1441.67	1388.87	52.80
3	10.79	2099.49	608.30	1491.19	1438.45	52.74
3	9.99	2179.91	640.95	1538.96	1487.96	51.00
3	9.99	2179.91	640.95	1538.96	1487.96	51.00
4	8.98	2293.39	703.28	1590.12	1550.95	39.16
4	7.98	2406.72	757.89	1648.83	1613.79	35.05
4	6.97	2519.91	808.86	1711.05	1676.47	34.58
4	5.97	2632.96	857.96	1775.00	1739.03	35.97
4	4.97	2745.87	905.89	1839.98	1801.45	38.54
4	3.97	2858.66	952.85	1905.81	1863.74	42.07
4	2.98	2971.32	998.85	1972.47	1925.90	46.57
4	1.98	3083.85	1045.53	2038.32	1987.94	50.38
4	0.99	3196.26	1094.30	2101.96	2049.84	52.11
4	0.00	3308.52	1144.97	2163.56	2111.61	51.94

Time = 75. Degree of Consolidation = 10.%

Total Settlement = 0.074

Settlement at End of Primary Consolidation = 0.755

Settlement caused by Primary Consolidation at time 75. = 0.074

Settlement caused by Secondary Compression at time 75. = 0.000

*****Current Conditions in Dredged Fill*****

***** Coordinates *****

***** Void Ratios *****

Material	A	XI	Z	Einitial	E	Eeop
5	5.00	3.92	0.49	9.11	9.11	9.11
5	4.95	3.87	0.49	9.11	9.08	8.65
5	4.90	3.82	0.48	9.11	9.06	8.20
5	4.85	3.77	0.48	9.11	9.03	7.74
5	4.80	3.72	0.47	9.11	9.01	7.29
5	4.75	3.68	0.47	9.11	8.99	6.83
5	4.70	3.63	0.46	9.11	8.97	6.37
5	4.65	3.58	0.46	9.11	8.94	5.92
5	4.60	3.53	0.45	9.11	8.92	5.46
5	4.55	3.48	0.45	9.11	8.90	5.00
5	4.50	3.43	0.45	9.11	8.87	4.79
5	4.45	3.38	0.44	9.11	8.85	4.78
5	4.40	3.33	0.44	9.11	8.82	4.78
5	4.35	3.28	0.43	9.11	8.80	4.77
5	4.30	3.24	0.43	9.11	8.77	4.77
5	4.25	3.19	0.42	9.11	8.75	4.76
5	4.20	3.14	0.42	9.11	8.72	4.76
5	4.15	3.09	0.41	9.11	8.69	4.75
5	4.10	3.04	0.41	9.11	8.66	4.74
5	4.05	3.00	0.40	9.11	8.63	4.73
5	4.00	2.95	0.40	9.11	8.59	4.63
5	4.00	2.95	0.40	9.11	8.59	4.63
5	3.95	2.90	0.39	9.11	8.56	4.52
5	3.90	2.85	0.39	9.11	8.53	4.42

5	3.85	2.81	0.38	9.11	8.49	4.31
5	3.80	2.76	0.38	9.11	8.45	4.21
5	3.75	2.71	0.37	9.11	8.41	4.10
5	3.70	2.67	0.37	9.11	8.37	3.99
5	3.65	2.62	0.36	9.11	8.33	3.89
5	3.60	2.57	0.36	9.11	8.29	3.78
5	3.55	2.53	0.35	9.11	8.24	3.68
5	3.50	2.48	0.35	9.11	8.19	3.57
5	3.45	2.44	0.34	9.11	8.15	3.47
5	3.40	2.39	0.34	9.11	8.10	3.36
5	3.35	2.35	0.33	9.11	8.04	3.26
5	3.30	2.30	0.33	9.11	7.99	3.15
5	3.25	2.26	0.32	9.11	7.94	3.04
5	3.20	2.21	0.32	9.11	7.88	2.94
5	3.15	2.17	0.31	9.11	7.82	2.83
5	3.10	2.13	0.31	9.11	7.76	2.73
5	3.05	2.08	0.30	9.11	7.70	2.62
5	3.00	2.04	0.30	9.11	7.64	2.52
5	3.00	2.04	0.30	9.11	7.64	2.52
5	2.95	2.00	0.29	9.11	7.58	2.41
5	2.90	1.96	0.29	9.11	7.51	2.30
5	2.85	1.91	0.28	9.11	7.45	2.20
5	2.80	1.87	0.28	9.11	7.38	2.09
5	2.75	1.83	0.27	9.11	7.32	1.99
5	2.70	1.79	0.27	9.11	7.25	1.88
5	2.65	1.75	0.26	9.11	7.18	1.78
5	2.60	1.71	0.26	9.11	7.11	1.74

5	2.55	1.67	0.25	9.11	7.05	1.74
5	2.50	1.63	0.25	9.11	6.98	1.73
5	2.45	1.59	0.24	9.11	6.91	1.73
5	2.40	1.55	0.24	9.11	6.84	1.73
5	2.35	1.51	0.23	9.11	6.77	1.73
5	2.30	1.47	0.23	9.11	6.70	1.72
5	2.25	1.44	0.22	9.11	6.63	1.72
5	2.20	1.40	0.22	9.11	6.56	1.72
5	2.15	1.36	0.21	9.11	6.49	1.72
5	2.10	1.33	0.21	9.11	6.42	1.71
5	2.05	1.29	0.20	9.11	6.35	1.71
5	2.00	1.25	0.20	9.11	6.29	1.71
5	2.00	1.25	0.20	9.11	6.29	1.71
5	1.95	1.22	0.19	9.11	6.22	1.71
5	1.90	1.18	0.19	9.11	6.16	1.70
5	1.85	1.15	0.18	9.11	6.09	1.70
5	1.80	1.11	0.18	9.11	6.03	1.70
5	1.75	1.08	0.17	9.11	5.97	1.70
5	1.70	1.04	0.17	9.11	5.90	1.69
5	1.65	1.01	0.16	9.11	5.85	1.69
5	1.60	0.97	0.16	9.11	5.79	1.69
5	1.55	0.94	0.15	9.11	5.73	1.69
5	1.50	0.91	0.15	9.11	5.68	1.68
5	1.45	0.87	0.14	9.11	5.62	1.68
5	1.40	0.84	0.14	9.11	5.57	1.68
5	1.35	0.81	0.13	9.11	5.52	1.67
5	1.30	0.78	0.13	9.11	5.48	1.67

5	1.25	0.75	0.12	9.11	5.43	1.67
5	1.20	0.71	0.12	9.11	5.39	1.67
5	1.15	0.68	0.11	9.11	5.34	1.66
5	1.10	0.65	0.11	9.11	5.30	1.66
5	1.05	0.62	0.10	9.11	5.26	1.66
5	1.00	0.59	0.10	9.11	5.23	1.66
5	1.00	0.59	0.10	9.11	5.23	1.66
5	0.95	0.56	0.09	9.11	5.19	1.65
5	0.90	0.53	0.09	9.11	5.15	1.65
5	0.85	0.50	0.08	9.11	5.12	1.65
5	0.80	0.47	0.08	9.11	5.09	1.65
5	0.75	0.44	0.07	9.11	5.06	1.64
5	0.70	0.41	0.07	9.11	5.03	1.64
5	0.65	0.38	0.06	9.11	5.00	1.64
5	0.60	0.35	0.06	9.11	4.98	1.64
5	0.55	0.32	0.05	9.11	4.96	1.63
5	0.50	0.29	0.05	9.11	4.93	1.63
5	0.45	0.26	0.04	9.11	4.91	1.63
5	0.40	0.23	0.04	9.11	4.89	1.63
5	0.35	0.20	0.03	9.11	4.88	1.62
5	0.30	0.17	0.03	9.11	4.86	1.62
5	0.25	0.14	0.02	9.11	4.84	1.62
5	0.20	0.11	0.02	9.11	4.83	1.62
5	0.15	0.09	0.01	9.11	4.82	1.61
5	0.10	0.06	0.01	9.11	4.81	1.61
5	0.05	0.03	0.00	9.11	4.79	1.61
5	0.00	0.00	0.00	9.11	4.78	1.61

		***** Stresses *****		***** Pore Pressures *****		
Material	XI	Total	Effective	Total	Static	Excess
	3.92	0.00	0.00	0.00	0.00	0.00
5	3.87	3.64	0.03	3.61	3.12	0.50
5	3.82	7.28	0.06	7.22	6.22	1.00
5	3.77	10.91	0.09	10.82	9.32	1.50
5	3.72	14.53	0.11	14.42	12.42	2.00
5	3.68	18.14	0.14	18.00	15.50	2.50
5	3.63	21.75	0.17	21.58	18.58	3.00
5	3.58	25.35	0.19	25.16	21.65	3.50
5	3.53	28.94	0.22	28.72	24.72	4.00
5	3.48	32.53	0.25	32.28	27.78	4.51
5	3.43	36.11	0.27	35.83	30.83	5.01
5	3.38	39.68	0.30	39.38	33.87	5.51
5	3.33	43.24	0.33	42.91	36.91	6.01
5	3.28	46.80	0.36	46.44	39.93	6.50
5	3.24	50.35	0.39	49.96	42.95	7.00
5	3.19	53.89	0.42	53.47	45.97	7.50
5	3.14	57.42	0.45	56.96	48.97	7.99
5	3.09	60.94	0.49	60.45	51.96	8.49
5	3.04	64.45	0.52	63.93	54.95	8.98
5	3.00	67.96	0.56	67.40	57.93	9.47
5	2.95	71.45	0.60	70.86	60.89	9.96
5	2.95	71.45	0.60	70.86	60.89	9.96
5	2.90	74.94	0.64	74.30	63.85	10.45
5	2.85	78.41	0.68	77.73	66.79	10.94

5	2.81	81.87	0.72	81.16	69.73	11.43
5	2.76	85.32	0.76	84.56	72.65	11.91
5	2.71	88.76	0.81	87.96	75.56	12.40
5	2.67	92.19	0.85	91.34	78.46	12.88
5	2.62	95.60	0.90	94.70	81.35	13.36
5	2.57	99.01	0.95	98.05	84.22	13.83
5	2.53	102.39	1.00	101.39	87.08	14.31
5	2.48	105.77	1.06	104.71	89.92	14.78
5	2.44	109.12	1.12	108.01	92.75	15.25
5	2.39	112.47	1.17	111.29	95.57	15.72
5	2.35	115.79	1.23	114.56	98.37	16.19
5	2.30	119.10	1.30	117.81	101.15	16.66
5	2.26	122.40	1.36	121.04	103.92	17.12
5	2.21	125.67	1.43	124.25	106.67	17.58
5	2.17	128.93	1.49	127.44	109.40	18.04
5	2.13	132.18	1.56	130.61	112.11	18.50
5	2.08	135.40	1.63	133.77	114.80	18.96
5	2.04	138.60	1.70	136.90	117.48	19.42
5	2.04	138.60	1.70	136.90	117.48	19.42
5	2.00	141.79	1.77	140.01	120.14	19.87
5	1.96	144.95	1.85	143.10	122.77	20.33
5	1.91	148.10	1.92	146.17	125.39	20.78
5	1.87	151.22	2.00	149.22	127.99	21.24
5	1.83	154.33	2.07	152.25	130.57	21.69
5	1.79	157.41	2.15	155.26	133.12	22.14
5	1.75	160.47	2.23	158.24	135.66	22.59
5	1.71	163.52	2.31	161.21	138.17	23.04

5	1.67	166.54	2.39	164.15	140.67	23.48
5	1.63	169.54	2.47	167.07	143.14	23.93
5	1.59	172.52	2.55	169.97	145.59	24.38
5	1.55	175.47	2.63	172.84	148.02	24.83
5	1.51	178.41	2.71	175.70	150.43	25.27
5	1.47	181.32	2.79	178.53	152.81	25.72
5	1.44	184.22	2.87	181.34	155.18	26.17
5	1.40	187.09	2.95	184.14	157.52	26.62
5	1.36	189.94	3.03	186.91	159.84	27.06
5	1.33	192.77	3.11	189.66	162.14	27.51
5	1.29	195.58	3.19	192.39	164.42	27.96
5	1.25	198.36	3.27	195.10	166.68	28.41
5	1.25	198.36	3.27	195.10	166.68	28.41
5	1.22	201.13	3.34	197.79	168.92	28.87
5	1.18	203.88	3.42	200.46	171.14	29.32
5	1.15	206.60	3.49	203.11	173.34	29.77
5	1.11	209.31	3.57	205.74	175.51	30.23
5	1.08	212.00	3.64	208.36	177.67	30.68
5	1.04	214.66	3.71	210.95	179.81	31.14
5	1.01	217.31	3.78	213.54	181.94	31.60
5	0.97	219.95	3.84	216.10	184.04	32.06
5	0.94	222.56	3.91	218.65	186.13	32.52
5	0.91	225.16	3.97	221.18	188.19	32.99
5	0.87	227.74	4.03	223.70	190.25	33.46
5	0.84	230.30	4.09	226.21	192.28	33.92
5	0.81	232.85	4.15	228.70	194.30	34.40
5	0.78	235.38	4.21	231.18	196.31	34.87

5	0.75	237.90	4.26	233.65	198.30	35.34
5	0.71	240.41	4.31	236.10	200.28	35.82
5	0.68	242.90	4.36	238.54	202.24	36.30
5	0.65	245.38	4.41	240.97	204.20	36.78
5	0.62	247.85	4.45	243.40	206.13	37.26
5	0.59	250.30	4.49	245.81	208.06	37.75
5	0.59	250.30	4.49	245.81	208.06	37.75
5	0.56	252.75	4.54	248.21	209.98	38.23
5	0.53	255.18	4.58	250.60	211.88	38.72
5	0.50	257.60	4.62	252.98	213.78	39.21
5	0.47	260.01	4.65	255.36	215.66	39.70
5	0.44	262.42	4.69	257.73	217.53	40.19
5	0.41	264.81	4.72	260.09	219.40	40.69
5	0.38	267.19	4.75	262.44	221.26	41.19
5	0.35	269.57	4.78	264.79	223.11	41.68
5	0.32	271.94	4.81	267.13	224.95	42.19
5	0.29	274.30	4.83	269.47	226.78	42.69
5	0.26	276.66	4.86	271.80	228.61	43.19
5	0.23	279.01	4.88	274.13	230.43	43.70
5	0.20	281.35	4.90	276.45	232.25	44.21
5	0.17	283.69	4.92	278.77	234.06	44.71
5	0.14	286.03	4.94	281.09	235.86	45.23
5	0.11	288.36	4.95	283.40	237.67	45.74
5	0.09	290.68	4.97	285.71	239.46	46.25
5	0.06	293.00	4.98	288.02	241.26	46.76
5	0.03	295.32	4.99	290.33	243.05	47.28
5	0.00	297.64	5.52	292.11	244.83	47.28

Time = 75. Degree of Consolidation = 35. %
 Total Settlement = 1.076
 Settlement at End of Primary Consolidation = 3.066
 Settlement caused by Primary Consolidation at time 75. =
 1.076
 Settlement caused by Secondary Compression at time 75. =
 0.000
 Surface Elevation = 3.35

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.90	12.05	24.00	23.20	17.93
1	29.79	29.70	12.04	23.95	23.15	17.88
1	29.59	29.51	12.03	23.90	23.10	17.83
1	29.39	29.31	12.03	23.85	23.05	17.78
1	29.19	29.12	12.02	23.81	23.01	17.73
1	28.99	28.92	12.01	23.76	22.96	17.68
1	28.79	28.73	12.00	23.71	22.91	17.64
1	28.59	28.54	11.99	23.66	22.86	17.59
1	28.39	28.34	11.99	23.61	22.81	17.54
1	28.19	28.15	11.98	23.56	22.76	17.49
1	27.99	27.96	11.97	23.51	22.72	17.44
2	27.99	27.96	11.97	2.20	2.19	2.12
2	26.66	26.64	11.55	2.14	2.13	2.05
2	25.36	25.34	11.13	2.07	2.07	2.01

2	24.09	24.07	10.71	2.02	2.02	1.97
2	22.83	22.81	10.30	1.98	1.98	1.92
2	21.60	21.57	9.88	1.93	1.93	1.88
2	20.38	20.36	9.46	1.89	1.88	1.83
2	19.18	19.16	9.04	1.84	1.83	1.78
2	18.00	17.99	8.62	1.80	1.78	1.74
2	18.00	17.99	8.62	1.56	1.56	1.55
3	17.19	17.18	8.31	1.56	1.55	1.55
3	16.38	16.38	7.99	1.55	1.55	1.54
3	15.58	15.57	7.68	1.55	1.54	1.53
3	14.78	14.77	7.36	1.54	1.54	1.53
3	13.98	13.97	7.05	1.53	1.53	1.53
3	13.18	13.17	6.73	1.53	1.53	1.52
3	12.38	12.38	6.41	1.52	1.52	1.52
3	11.59	11.58	6.10	1.52	1.52	1.51
3	10.79	10.79	5.78	1.52	1.52	1.51
3	10.00	9.99	5.47	1.51	1.51	1.51
3	10.00	9.99	5.47	0.85	0.85	0.84
4	8.99	8.98	4.92	0.84	0.84	0.84
4	7.98	7.98	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.83	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81

4	0.00	0.00	0.00	0.81	0.81	0.80
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***** Stresses ***** ***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.90	271.23	6.99	264.24	218.43	45.82
1	29.70	283.84	7.40	276.44	230.61	45.83
1	29.51	296.42	7.81	288.61	242.77	45.83
1	29.31	308.98	8.23	300.75	254.91	45.84
1	29.12	321.52	8.65	312.87	267.02	45.85
1	28.92	334.03	9.06	324.97	279.11	45.86
1	28.73	346.52	9.48	337.04	291.18	45.86
1	28.54	358.98	9.90	349.08	303.22	45.86
1	28.34	371.42	10.32	361.10	315.23	45.87
1	28.15	383.83	10.74	373.09	327.22	45.87
1	27.96	396.22	11.17	385.06	339.19	45.87
1	27.96	396.22	11.17	385.06	339.19	45.87
2	26.64	519.46	50.35	469.11	421.70	47.42
2	25.34	641.15	85.69	555.46	502.65	52.80
2	24.07	761.41	126.42	634.98	582.18	52.80
2	22.81	880.47	167.52	712.94	660.51	52.44
2	21.57	998.36	210.46	787.90	737.67	50.23
2	20.36	1115.01	255.71	859.30	813.60	45.71
2	19.16	1230.36	299.50	930.86	888.22	42.64
2	17.99	1344.37	344.08	1000.29	961.50	38.80
2	17.99	1344.37	344.08	1000.29	961.50	38.80
3	17.18	1425.63	377.73	1047.90	1011.85	36.05
3	16.38	1506.76	408.24	1098.53	1062.08	36.45
3						

3	15.57	1587.78	436.24	1151.54	1112.19	39.35
3	14.77	1668.69	462.15	1206.55	1162.19	44.36
3	13.97	1749.51	486.24	1263.27	1212.10	51.17
3	13.17	1830.23	515.51	1314.71	1261.91	52.80
3	12.38	1910.86	546.42	1364.44	1311.64	52.80
3	11.58	1991.43	577.33	1414.10	1361.30	52.80
3	10.79	2071.92	608.77	1463.16	1410.89	52.27
3	9.99	2152.34	641.93	1510.41	1460.40	50.01
4	9.99	2152.34	641.93	1510.41	1460.40	50.01
4	8.98	2265.82	707.69	1558.12	1523.38	34.75
4	7.98	2379.13	764.28	1614.85	1586.19	28.66
4	6.97	2492.30	815.99	1676.31	1648.86	27.45
4	5.97	2605.33	864.88	1740.44	1711.40	29.05
4	4.97	2718.22	911.99	1806.24	1773.80	32.44
4	3.97	2831.00	957.80	1873.19	1836.07	37.12
4	2.98	2943.64	1002.69	1940.95	1898.22	42.73
4	1.98	3056.17	1048.48	2007.69	1960.25	47.44
4	0.99	3168.56	1096.62	2071.95	2022.15	49.80
4	0.00	3280.83	1147.02	2133.80	2083.92	49.89

Time = 120. Degree of Consolidation = 12.%

Total Settlement = 0.094

Settlement at End of Primary Consolidation = 0.755

Settlement caused by Primary Consolidation at time 120. = 0.094

Settlement caused by Secondary Compression at time 120. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	5.00	3.50	0.49	9.11	9.11	9.11
5	4.95	3.45	0.49	9.11	8.98	8.65
5	4.90	3.40	0.48	9.11	8.86	8.20
5	4.85	3.35	0.48	9.11	8.74	7.74
5	4.80	3.31	0.47	9.11	8.63	7.29
5	4.75	3.26	0.47	9.11	8.53	6.83
5	4.70	3.21	0.46	9.11	8.42	6.37
5	4.65	3.16	0.46	9.11	8.33	5.92
5	4.60	3.12	0.45	9.11	8.23	5.46
5	4.55	3.07	0.45	9.11	8.14	5.00
5	4.50	3.03	0.45	9.11	8.06	4.79
5	4.45	2.98	0.44	9.11	7.97	4.78
5	4.40	2.94	0.44	9.11	7.89	4.78
5	4.35	2.90	0.43	9.11	7.81	4.77
5	4.30	2.85	0.43	9.11	7.73	4.77
5	4.25	2.81	0.42	9.11	7.66	4.76
5	4.20	2.77	0.42	9.11	7.59	4.76
5	4.15	2.72	0.41	9.11	7.51	4.75
5	4.10	2.68	0.41	9.11	7.44	4.74
5	4.05	2.64	0.40	9.11	7.37	4.73
5	4.00	2.60	0.40	9.11	7.31	4.63
5	4.00	2.60	0.40	9.11	7.31	4.63
5	3.95	2.56	0.39	9.11	7.24	4.52

5	3.90	2.52	0.39	9.11	7.17	4.42
5	3.85	2.48	0.38	9.11	7.11	4.31
5	3.80	2.44	0.38	9.11	7.04	4.21
5	3.75	2.40	0.37	9.11	6.98	4.10
5	3.70	2.36	0.37	9.11	6.91	3.99
5	3.65	2.32	0.36	9.11	6.85	3.89
5	3.60	2.28	0.36	9.11	6.79	3.78
5	3.55	2.24	0.35	9.11	6.73	3.68
5	3.50	2.21	0.35	9.11	6.67	3.57
5	3.45	2.17	0.34	9.11	6.61	3.47
5	3.40	2.13	0.34	9.11	6.56	3.36
5	3.35	2.09	0.33	9.11	6.50	3.26
5	3.30	2.06	0.33	9.11	6.44	3.15
5	3.25	2.02	0.32	9.11	6.39	3.04
5	3.20	1.98	0.32	9.11	6.33	2.94
5	3.15	1.95	0.31	9.11	6.28	2.83
5	3.10	1.91	0.31	9.11	6.23	2.73
5	3.05	1.87	0.30	9.11	6.17	2.62
5	3.00	1.84	0.30	9.11	6.12	2.52
5	3.00	1.84	0.30	9.11	6.12	2.52
5	2.95	1.80	0.29	9.11	6.07	2.41
5	2.90	1.77	0.29	9.11	6.02	2.30
5	2.85	1.73	0.28	9.11	5.97	2.20
5	2.80	1.70	0.28	9.11	5.93	2.09
5	2.75	1.67	0.27	9.11	5.88	1.99
5	2.70	1.63	0.27	9.11	5.84	1.88
5	2.65	1.60	0.26	9.11	5.79	1.78

5	2.60	1.57	0.26	9.11	5.75	1.74
5	2.55	1.53	0.25	9.11	5.71	1.74
5	2.50	1.50	0.25	9.11	5.66	1.73
5	2.45	1.47	0.24	9.11	5.63	1.73
5	2.40	1.43	0.24	9.11	5.59	1.73
5	2.35	1.40	0.23	9.11	5.55	1.73
5	2.30	1.37	0.23	9.11	5.51	1.72
5	2.25	1.34	0.22	9.11	5.48	1.72
5	2.20	1.30	0.22	9.11	5.44	1.72
5	2.15	1.27	0.21	9.11	5.41	1.72
5	2.10	1.24	0.21	9.11	5.38	1.71
5	2.05	1.21	0.20	9.11	5.35	1.71
5	2.00	1.18	0.20	9.11	5.32	1.71
5	2.00	1.18	0.20	9.11	5.32	1.71
5	1.95	1.15	0.19	9.11	5.29	1.71
5	1.90	1.12	0.19	9.11	5.26	1.70
5	1.85	1.09	0.18	9.11	5.23	1.70
5	1.80	1.05	0.18	9.11	5.21	1.70
5	1.75	1.02	0.17	9.11	5.18	1.70
5	1.70	0.99	0.17	9.11	5.16	1.69
5	1.65	0.96	0.16	9.11	5.13	1.69
5	1.60	0.93	0.16	9.11	5.11	1.69
5	1.55	0.90	0.15	9.11	5.09	1.69
5	1.50	0.87	0.15	9.11	5.07	1.68
5	1.45	0.84	0.14	9.11	5.05	1.68
5	1.40	0.81	0.14	9.11	5.03	1.68
5	1.35	0.78	0.13	9.11	5.02	1.67

5	1.30	0.75	0.13	9.11	5.00	1.67
5	1.25	0.72	0.12	9.11	4.98	1.67
5	1.20	0.69	0.12	9.11	4.97	1.67
5	1.15	0.66	0.11	9.11	4.95	1.66
5	1.10	0.64	0.11	9.11	4.94	1.66
5	1.05	0.61	0.10	9.11	4.93	1.66
5	1.00	0.58	0.10	9.11	4.92	1.66
5	1.00	0.58	0.10	9.11	4.92	1.66
5	0.95	0.55	0.09	9.11	4.90	1.65
5	0.90	0.52	0.09	9.11	4.89	1.65
5	0.85	0.49	0.08	9.11	4.88	1.65
5	0.80	0.46	0.08	9.11	4.87	1.65
5	0.75	0.43	0.07	9.11	4.86	1.64
5	0.70	0.40	0.07	9.11	4.85	1.64
5	0.65	0.37	0.06	9.11	4.84	1.64
5	0.60	0.34	0.06	9.11	4.84	1.64
5	0.55	0.32	0.05	9.11	4.83	1.63
5	0.50	0.29	0.05	9.11	4.82	1.63
5	0.45	0.26	0.04	9.11	4.81	1.63
5	0.40	0.23	0.04	9.11	4.81	1.63
5	0.35	0.20	0.03	9.11	4.80	1.62
5	0.30	0.17	0.03	9.11	4.80	1.62
5	0.25	0.14	0.02	9.11	4.79	1.62
5	0.20	0.11	0.02	9.11	4.79	1.62
5	0.15	0.09	0.01	9.11	4.78	1.61
5	0.10	0.06	0.01	9.11	4.78	1.61
5	0.05	0.03	0.00	9.11	4.77	1.61

5	0.00	0.00	0.00	9.11	4.77	1.61
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***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	3.50	0.00	0.00	0.00	0.00	0.00
5	3.45	3.63	0.15	3.48	3.10	0.38
5	3.40	7.22	0.29	6.93	6.16	0.77
5	3.35	10.77	0.42	10.34	9.19	1.16
5	3.31	14.29	0.55	13.73	12.18	1.56
5	3.26	17.77	0.68	17.10	15.13	1.96
5	3.21	21.22	0.79	20.43	18.06	2.37
5	3.16	24.64	0.91	23.74	20.95	2.79
5	3.12	28.04	1.01	27.02	23.81	3.21
5	3.07	31.40	1.12	30.28	26.65	3.63
5	3.03	34.74	1.22	33.52	29.46	4.06
5	2.98	38.05	1.32	36.73	32.24	4.49
5	2.94	41.33	1.41	39.92	34.99	4.93
5	2.90	44.59	1.50	43.09	37.73	5.36
5	2.85	47.83	1.59	46.23	40.43	5.80
5	2.81	51.04	1.68	49.36	43.12	6.24
5	2.77	54.23	1.76	52.46	45.78	6.68
5	2.72	57.39	1.85	55.55	48.42	7.13
5	2.68	60.54	1.93	58.61	51.03	7.58
5	2.64	63.66	2.01	61.65	53.63	8.02
5	2.60	66.76	2.09	64.67	56.20	8.47
5	2.60	66.76	2.09	64.67	56.20	8.47
5	2.56	69.84	2.17	67.68	58.75	8.92

5	2.52	72.90	2.24	70.66	61.29	9.37
5	2.48	75.94	2.32	73.62	63.80	9.83
5	2.44	78.96	2.39	76.57	66.29	10.28
5	2.40	81.96	2.47	79.49	68.76	10.73
5	2.36	84.94	2.54	82.40	71.21	11.19
5	2.32	87.90	2.61	85.29	73.65	11.64
5	2.28	90.85	2.68	88.16	76.06	12.10
5	2.24	93.77	2.75	91.02	78.46	12.56
5	2.21	96.67	2.82	93.85	80.83	13.02
5	2.17	99.56	2.89	96.67	83.19	13.48
5	2.13	102.43	2.96	99.47	85.53	13.94
5	2.09	105.28	3.02	102.26	87.86	14.40
5	2.06	108.11	3.09	105.03	90.16	14.87
5	2.02	110.93	3.15	107.78	92.45	15.33
5	1.98	113.73	3.21	110.51	94.72	15.79
5	1.95	116.51	3.28	113.24	96.97	16.26
5	1.91	119.28	3.34	115.94	99.21	16.73
5	1.87	122.03	3.40	118.63	101.44	17.20
5	1.84	124.76	3.46	121.31	103.64	17.67
5	1.84	124.76	3.46	121.31	103.64	17.67
5	1.80	127.48	3.51	123.97	105.83	18.13
5	1.77	130.18	3.57	126.61	108.01	18.60
5	1.73	132.87	3.63	129.24	110.17	19.08
5	1.70	135.55	3.68	131.86	112.31	19.55
5	1.67	138.20	3.74	134.47	114.44	20.02
5	1.63	140.85	3.79	137.06	116.56	20.50
5	1.60	143.48	3.84	139.64	118.66	20.98

5	1.57	146.10	3.89	142.20	120.75	21.45
5	1.53	148.70	3.94	144.76	122.83	21.93
5	1.50	151.29	3.99	147.30	124.89	22.41
5	1.47	153.87	4.03	149.84	126.94	22.90
5	1.43	156.44	4.08	152.36	128.98	23.38
5	1.40	158.99	4.12	154.87	131.01	23.86
5	1.37	161.53	4.16	157.37	133.02	24.35
5	1.34	164.07	4.20	159.86	135.03	24.84
5	1.30	166.59	4.24	162.34	137.02	25.33
5	1.27	169.10	4.28	164.82	139.00	25.82
5	1.24	171.60	4.32	167.28	140.98	26.31
5	1.21	174.09	4.35	169.74	142.94	26.80
5	1.18	176.58	4.39	172.19	144.89	27.29
5	1.18	176.58	4.39	172.19	144.89	27.29
5	1.15	179.05	4.42	174.63	146.84	27.79
5	1.12	181.51	4.46	177.06	148.78	28.28
5	1.09	183.97	4.49	179.48	150.70	28.78
5	1.05	186.42	4.52	181.90	152.62	29.27
5	1.02	188.85	4.55	184.31	154.53	29.77
5	0.99	191.29	4.58	186.71	156.44	30.27
5	0.96	193.71	4.60	189.11	158.33	30.78
5	0.93	196.13	4.63	191.50	160.22	31.28
5	0.90	198.54	4.65	193.89	162.11	31.78
5	0.87	200.94	4.68	196.27	163.98	32.29
5	0.84	203.34	4.70	198.64	165.85	32.79
5	0.81	205.73	4.72	201.01	167.72	33.30
5	0.78	208.12	4.74	203.38	169.58	33.81

5	0.75	210.50	4.76	205.74	171.43	34.31
5	0.72	212.88	4.78	208.10	173.28	34.82
5	0.69	215.25	4.79	210.46	175.12	35.34
5	0.66	217.62	4.81	212.81	176.96	35.85
5	0.64	219.98	4.83	215.16	178.80	36.36
5	0.61	222.34	4.84	217.50	180.63	36.87
5	0.58	224.70	4.86	219.84	182.45	37.39
5	0.58	224.70	4.86	219.84	182.45	37.39
5	0.55	227.05	4.87	222.18	184.28	37.90
5	0.52	229.40	4.88	224.51	186.10	38.42
5	0.49	231.74	4.89	226.85	187.91	38.93
5	0.46	234.08	4.91	229.17	189.73	39.45
5	0.43	236.42	4.92	231.50	191.54	39.96
5	0.40	238.76	4.93	233.83	193.35	40.48
5	0.37	241.09	4.94	236.15	195.15	41.00
5	0.34	243.42	4.95	238.47	196.95	41.52
5	0.32	245.75	4.96	240.79	198.75	42.04
5	0.29	248.07	4.96	243.11	200.55	42.56
5	0.26	250.39	4.97	245.42	202.34	43.08
5	0.23	252.72	4.98	247.74	204.14	43.60
5	0.20	255.04	4.98	250.05	205.93	44.12
5	0.17	257.35	4.99	252.36	207.72	44.64
5	0.14	259.67	5.00	254.67	209.51	45.17
5	0.11	261.99	5.17	256.81	211.30	45.52
5	0.09	264.30	5.63	258.67	213.08	45.59
5	0.06	266.61	6.08	260.53	214.87	45.67
5	0.03	268.92	6.53	262.39	216.65	45.74

5 0.00 271.23 6.99 264.24 218.43 45.82

Time = 120. Degree of Consolidation = 49.%

Total Settlement = 1.500

Settlement at End of Primary Consolidation = 3.066

1.500 Settlement caused by Primary Consolidation at time 120. =

0.000 Settlement caused by Secondary Compression at time 120. =

Surface Elevation = 2.91

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.85	12.05	24.00	22.71	17.93
1	29.79	29.66	12.04	23.95	22.66	17.88
1	29.59	29.46	12.03	23.90	22.62	17.83
1	29.39	29.27	12.03	23.85	22.57	17.78
1	29.19	29.08	12.02	23.81	22.52	17.73
1	28.99	28.89	12.01	23.76	22.47	17.68
1	28.79	28.70	12.00	23.71	22.42	17.64
1	28.59	28.52	11.99	23.66	22.38	17.59
1	28.39	28.33	11.99	23.61	22.33	17.54
1	28.19	28.14	11.98	23.56	22.28	17.49
1	27.99	27.95	11.97	23.51	22.23	17.44
2	27.99	27.95	11.97	2.20	2.19	2.12
2	26.66	26.63	11.55	2.14	2.13	2.05

2	25.36	25.33	11.13	2.07	2.07	2.01
2	24.09	24.06	10.71	2.02	2.02	1.97
2	22.83	22.80	10.30	1.98	1.98	1.92
2	21.60	21.57	9.88	1.93	1.93	1.88
2	20.38	20.35	9.46	1.89	1.88	1.83
2	19.18	19.16	9.04	1.84	1.83	1.78
2	18.00	17.98	8.62	1.80	1.78	1.74
2	18.00	17.98	8.62	1.56	1.56	1.55
3	17.19	17.18	8.31	1.56	1.55	1.55
3	16.38	16.37	7.99	1.55	1.55	1.54
3	15.58	15.57	7.68	1.55	1.54	1.53
3	14.78	14.77	7.36	1.54	1.54	1.53
3	13.98	13.97	7.05	1.53	1.53	1.53
3	13.18	13.17	6.73	1.53	1.53	1.52
3	12.38	12.37	6.41	1.52	1.52	1.52
3	11.59	11.58	6.10	1.52	1.52	1.51
3	10.79	10.78	5.78	1.52	1.52	1.51
3	10.00	9.99	5.47	1.51	1.51	1.51
3	10.00	9.99	5.47	0.85	0.85	0.84
4	8.99	8.98	4.92	0.84	0.84	0.84
4	7.98	7.97	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.83	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.98	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81

4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.80

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.85	253.35	11.20	242.15	200.55	41.60
1	29.66	265.71	11.61	254.10	212.49	41.61
1	29.46	278.05	12.03	266.02	224.40	41.62
1	29.27	290.37	12.44	277.92	236.30	41.63
1	29.08	302.66	12.86	289.80	248.16	41.64
1	28.89	314.93	13.28	301.65	260.01	41.64
1	28.70	327.17	13.70	313.47	271.83	41.65
1	28.52	339.39	14.12	325.27	283.62	41.65
1	28.33	351.58	14.54	337.05	295.39	41.65
1	28.14	363.75	14.96	348.80	307.14	41.66
1	27.95	375.90	15.38	360.52	318.86	41.66
2	27.95	375.90	15.38	360.52	318.86	41.66
2	26.63	499.01	52.08	446.94	401.25	45.69
2	25.33	620.67	85.93	534.74	482.17	52.57
2	24.06	740.92	126.42	614.50	561.70	52.80
2	22.80	859.97	168.37	691.61	640.01	51.59
2	21.57	977.82	212.40	765.43	717.14	48.29
2	20.35	1094.41	258.48	835.93	792.99	42.94
2	19.16	1209.67	302.64	907.03	867.52	39.51
2	17.98	1323.59	346.54	977.05	940.72	36.33
2	17.98	1323.59	346.54	977.05	940.72	36.33
3	17.18	1404.84	379.67	1025.17	991.06	34.11

3	16.37	1485.97	409.71	1076.25	1041.28	34.97
3	15.57	1566.98	437.30	1129.68	1091.38	38.30
3	14.77	1647.89	462.82	1185.07	1141.38	43.69
3	13.97	1728.70	486.56	1242.14	1191.29	50.85
3	13.17	1809.42	515.51	1293.90	1241.10	52.80
3	12.37	1890.06	546.42	1343.64	1290.83	52.80
3	11.58	1970.62	577.33	1393.30	1340.49	52.80
3	10.78	2051.11	609.21	1441.91	1390.08	51.83
3	9.99	2131.53	642.85	1488.68	1439.59	49.09
4	9.99	2131.53	642.85	1488.68	1439.59	49.09
4	8.98	2245.00	711.80	1533.20	1502.56	30.64
4	7.97	2358.30	770.26	1588.04	1565.36	22.68
4	6.97	2471.45	822.82	1648.63	1628.01	20.61
4	5.97	2584.46	871.79	1712.66	1690.53	22.14
4	4.97	2697.34	918.45	1778.89	1752.91	25.98
4	3.97	2810.09	963.52	1846.57	1815.17	31.40
4	2.98	2922.73	1007.78	1914.94	1877.31	37.64
4	1.98	3035.24	1053.10	1982.14	1939.32	42.82
4	0.99	3147.62	1100.84	2046.78	2001.21	45.57
4	0.00	3259.87	1151.05	2108.82	2062.96	45.86

Time = 180. Degree of Consolidation = 19.%

Total Settlement = 0.144

Settlement at End of Primary Consolidation = 0.755

Settlement caused by Primary Consolidation at time 180. = 0.144

Settlement caused by Secondary Compression at time 180. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	5.00	3.21	0.49	9.11	9.11	9.11
5	4.95	3.16	0.49	9.11	8.86	8.65
5	4.90	3.12	0.48	9.11	8.63	8.20
5	4.85	3.07	0.48	9.11	8.41	7.74
5	4.80	3.02	0.47	9.11	8.20	7.29
5	4.75	2.98	0.47	9.11	8.00	6.83
5	4.70	2.93	0.46	9.11	7.81	6.37
5	4.65	2.89	0.46	9.11	7.64	5.92
5	4.60	2.85	0.45	9.11	7.48	5.46
5	4.55	2.81	0.45	9.11	7.32	5.00
5	4.50	2.77	0.45	9.11	7.18	4.79
5	4.45	2.73	0.44	9.11	7.04	4.78
5	4.40	2.69	0.44	9.11	6.91	4.78
5	4.35	2.65	0.43	9.11	6.79	4.77
5	4.30	2.61	0.43	9.11	6.68	4.77
5	4.25	2.57	0.42	9.11	6.58	4.76
5	4.20	2.53	0.42	9.11	6.48	4.76
5	4.15	2.50	0.41	9.11	6.39	4.75
5	4.10	2.46	0.41	9.11	6.30	4.74
5	4.05	2.43	0.40	9.11	6.22	4.73
5	4.00	2.39	0.40	9.11	6.14	4.63
5	4.00	2.39	0.40	9.11	6.14	4.63

5	3.95	2.36	0.39	9.11	6.07	4.52
5	3.90	2.32	0.39	9.11	6.00	4.42
5	3.85	2.29	0.38	9.11	5.93	4.31
5	3.80	2.25	0.38	9.11	5.87	4.21
5	3.75	2.22	0.37	9.11	5.81	4.10
5	3.70	2.18	0.37	9.11	5.75	3.99
5	3.65	2.15	0.36	9.11	5.70	3.89
5	3.60	2.12	0.36	9.11	5.65	3.78
5	3.55	2.09	0.35	9.11	5.60	3.68
5	3.50	2.05	0.35	9.11	5.56	3.57
5	3.45	2.02	0.34	9.11	5.52	3.47
5	3.40	1.99	0.34	9.11	5.48	3.36
5	3.35	1.96	0.33	9.11	5.44	3.26
5	3.30	1.92	0.33	9.11	5.41	3.15
5	3.25	1.89	0.32	9.11	5.37	3.04
5	3.20	1.86	0.32	9.11	5.34	2.94
5	3.15	1.83	0.31	9.11	5.31	2.83
5	3.10	1.80	0.31	9.11	5.29	2.73
5	3.05	1.77	0.30	9.11	5.26	2.62
5	3.00	1.74	0.30	9.11	5.23	2.52
5	3.00	1.74	0.30	9.11	5.23	2.52
5	2.95	1.71	0.29	9.11	5.21	2.41
5	2.90	1.68	0.29	9.11	5.18	2.30
5	2.85	1.65	0.28	9.11	5.16	2.20
5	2.80	1.61	0.28	9.11	5.14	2.09
5	2.75	1.58	0.27	9.11	5.12	1.99
5	2.70	1.55	0.27	9.11	5.10	1.88

5	2.65	1.52	0.26	9.11	5.08	1.78
5	2.60	1.49	0.26	9.11	5.06	1.74
5	2.55	1.46	0.25	9.11	5.05	1.74
5	2.50	1.43	0.25	9.11	5.03	1.73
5	2.45	1.40	0.24	9.11	5.02	1.73
5	2.40	1.37	0.24	9.11	5.00	1.73
5	2.35	1.35	0.23	9.11	4.99	1.73
5	2.30	1.32	0.23	9.11	4.98	1.72
5	2.25	1.29	0.22	9.11	4.96	1.72
5	2.20	1.26	0.22	9.11	4.95	1.72
5	2.15	1.23	0.21	9.11	4.94	1.72
5	2.10	1.20	0.21	9.11	4.93	1.71
5	2.05	1.17	0.20	9.11	4.92	1.71
5	2.00	1.14	0.20	9.11	4.91	1.71
5	2.00	1.14	0.20	9.11	4.91	1.71
5	1.95	1.11	0.19	9.11	4.90	1.71
5	1.90	1.08	0.19	9.11	4.89	1.70
5	1.85	1.05	0.18	9.11	4.88	1.70
5	1.80	1.02	0.18	9.11	4.87	1.70
5	1.75	0.99	0.17	9.11	4.87	1.70
5	1.70	0.96	0.17	9.11	4.86	1.69
5	1.65	0.94	0.16	9.11	4.85	1.69
5	1.60	0.91	0.16	9.11	4.85	1.69
5	1.55	0.88	0.15	9.11	4.84	1.69
5	1.50	0.85	0.15	9.11	4.83	1.68
5	1.45	0.82	0.14	9.11	4.83	1.68
5	1.40	0.79	0.14	9.11	4.82	1.68

5	1.35	0.76	0.13	9.11	4.82	1.67
5	1.30	0.73	0.13	9.11	4.81	1.67
5	1.25	0.71	0.12	9.11	4.80	1.67
5	1.20	0.68	0.12	9.11	4.80	1.67
5	1.15	0.65	0.11	9.11	4.80	1.66
5	1.10	0.62	0.11	9.11	4.79	1.66
5	1.05	0.59	0.10	9.11	4.79	1.66
5	1.00	0.56	0.10	9.11	4.78	1.66
5	1.00	0.56	0.10	9.11	4.78	1.66
5	0.95	0.53	0.09	9.11	4.78	1.65
5	0.90	0.50	0.09	9.11	4.77	1.65
5	0.85	0.48	0.08	9.11	4.77	1.65
5	0.80	0.45	0.08	9.11	4.76	1.65
5	0.75	0.42	0.07	9.11	4.76	1.64
5	0.70	0.39	0.07	9.11	4.75	1.64
5	0.65	0.36	0.06	9.11	4.74	1.64
5	0.60	0.33	0.06	9.11	4.73	1.64
5	0.55	0.31	0.05	9.11	4.72	1.63
5	0.50	0.28	0.05	9.11	4.70	1.63
5	0.45	0.25	0.04	9.11	4.69	1.63
5	0.40	0.22	0.04	9.11	4.67	1.63
5	0.35	0.19	0.03	9.11	4.65	1.62
5	0.30	0.17	0.03	9.11	4.63	1.62
5	0.25	0.14	0.02	9.11	4.61	1.62
5	0.20	0.11	0.02	9.11	4.59	1.62
5	0.15	0.08	0.01	9.11	4.57	1.61
5	0.10	0.05	0.01	9.11	4.55	1.61

5	0.05	0.03	0.00	9.11	4.52	1.61
5	0.00	0.00	0.00	9.11	4.50	1.61

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	3.21	0.00	0.00	0.00	0.00	0.00
5	3.16	3.61	0.29	3.32	3.08	0.24
5	3.12	7.14	0.56	6.59	6.09	0.50
5	3.07	10.61	0.81	9.80	9.03	0.77
5	3.02	14.01	1.06	12.95	11.90	1.06
5	2.98	17.34	1.28	16.06	14.70	1.36
5	2.93	20.62	1.50	19.12	17.45	1.67
5	2.89	23.84	1.70	22.14	20.14	1.99
5	2.85	27.01	1.89	25.12	22.79	2.33
5	2.81	30.13	2.07	28.06	25.38	2.68
5	2.77	33.20	2.24	30.96	27.92	3.04
5	2.73	36.23	2.40	33.84	30.42	3.41
5	2.69	39.22	2.54	36.68	32.89	3.79
5	2.65	42.17	2.68	39.49	35.31	4.18
5	2.61	45.09	2.81	42.28	37.70	4.58
5	2.57	47.97	2.93	45.04	40.05	4.99
5	2.53	50.82	3.04	47.78	42.37	5.40
5	2.50	53.64	3.15	50.49	44.67	5.82
5	2.46	56.44	3.25	53.19	46.93	6.25
5	2.43	59.21	3.35	55.86	49.17	6.69
5	2.39	61.95	3.43	58.52	51.39	7.13
5	2.39	61.95	3.43	58.52	51.39	7.13

5	2.36	64.67	3.52	61.15	53.58	7.57
5	2.32	67.37	3.60	63.77	55.75	8.01
5	2.29	70.05	3.68	66.37	57.90	8.46
5	2.25	72.70	3.75	68.95	60.03	8.92
5	2.22	75.34	3.82	71.52	62.14	9.38
5	2.18	77.96	3.89	74.07	64.23	9.84
5	2.15	80.56	3.95	76.62	66.31	10.31
5	2.12	83.15	4.00	79.15	68.37	10.78
5	2.09	85.73	4.06	81.67	70.41	11.25
5	2.05	88.28	4.11	84.17	72.44	11.73
5	2.02	90.83	4.16	86.67	74.46	12.21
5	1.99	93.36	4.20	89.16	76.47	12.69
5	1.96	95.89	4.24	91.64	78.46	13.18
5	1.92	98.40	4.29	94.11	80.44	13.67
5	1.89	100.90	4.32	96.57	82.42	14.16
5	1.86	103.39	4.36	99.03	84.38	14.65
5	1.83	105.87	4.39	101.47	86.33	15.14
5	1.80	108.34	4.43	103.91	88.28	15.64
5	1.77	110.80	4.46	106.35	90.21	16.14
5	1.74	113.26	4.49	108.77	92.14	16.63
5	1.74	113.26	4.49	108.77	92.14	16.63
5	1.71	115.71	4.52	111.19	94.06	17.13
5	1.68	118.15	4.54	113.60	95.97	17.63
5	1.65	120.58	4.57	116.01	97.88	18.14
5	1.61	123.01	4.59	118.41	99.77	18.64
5	1.58	125.43	4.62	120.81	101.67	19.14
5	1.55	127.84	4.64	123.20	103.55	19.65

5	1.52	130.25	4.66	125.59	105.43	20.16
5	1.49	132.65	4.68	127.97	107.31	20.66
5	1.46	135.05	4.70	130.35	109.17	21.17
5	1.43	137.44	4.72	132.72	111.04	21.68
5	1.40	139.83	4.74	135.09	112.90	22.19
5	1.37	142.21	4.75	137.46	114.75	22.70
5	1.35	144.59	4.77	139.82	116.60	23.22
5	1.32	146.96	4.78	142.18	118.45	23.73
5	1.29	149.33	4.80	144.53	120.29	24.24
5	1.26	151.70	4.81	146.89	122.13	24.76
5	1.23	154.06	4.83	149.24	123.97	25.27
5	1.20	156.42	4.84	151.58	125.80	25.79
5	1.17	158.78	4.85	153.93	127.63	26.30
5	1.14	161.13	4.86	156.27	129.45	26.82
5	1.14	161.13	4.86	156.27	129.45	26.82
5	1.11	163.48	4.87	158.61	131.27	27.34
5	1.08	165.83	4.88	160.95	133.09	27.86
5	1.05	168.18	4.89	163.28	134.91	28.37
5	1.02	170.52	4.90	165.62	136.72	28.89
5	0.99	172.86	4.91	167.95	138.54	29.41
5	0.96	175.20	4.92	170.28	140.35	29.93
5	0.94	177.53	4.93	172.60	142.15	30.45
5	0.91	179.86	4.94	174.93	143.96	30.97
5	0.88	182.19	4.94	177.25	145.76	31.49
5	0.85	184.52	4.95	179.57	147.56	32.01
5	0.82	186.85	4.96	181.89	149.36	32.53
5	0.79	189.18	4.96	184.21	151.16	33.05

5	0.76	191.50	4.97	186.53	152.95	33.57
5	0.73	193.82	4.98	188.84	154.75	34.10
5	0.71	196.14	4.98	191.16	156.54	34.62
5	0.68	198.46	4.99	193.47	158.33	35.14
5	0.65	200.78	4.99	195.78	160.12	35.66
5	0.62	203.09	5.00	198.09	161.91	36.19
5	0.59	205.41	5.29	200.12	163.69	36.42
5	0.56	207.72	5.72	202.00	165.48	36.52
5	0.56	207.72	5.72	202.00	165.48	36.52
5	0.53	210.03	6.15	203.88	167.26	36.62
5	0.50	212.34	6.60	205.74	169.05	36.70
5	0.48	214.65	7.08	207.57	170.83	36.75
5	0.45	216.96	7.59	209.37	172.61	36.76
5	0.42	219.27	8.17	211.09	174.38	36.71
5	0.39	221.57	8.85	212.72	176.16	36.56
5	0.36	223.87	9.72	214.15	177.93	36.21
5	0.33	226.17	10.04	216.13	179.70	36.42
5	0.31	228.46	10.11	218.35	181.47	36.88
5	0.28	230.76	10.18	220.57	183.23	37.34
5	0.25	233.04	10.26	222.78	184.99	37.79
5	0.22	235.32	10.34	224.98	186.74	38.23
5	0.19	237.60	10.43	227.16	188.49	38.67
5	0.17	239.87	10.53	229.34	190.23	39.11
5	0.14	242.13	10.63	231.51	191.97	39.54
5	0.11	244.39	10.73	233.66	193.70	39.96
5	0.08	246.64	10.84	235.80	195.42	40.38
5	0.05	248.88	10.96	237.93	197.14	40.79

5	0.03	251.12	11.08	240.04	198.85	41.20
5	0.00	253.35	11.20	242.15	200.55	41.60

Time = 180. Degree of Consolidation = 58.%

Total Settlement = 1.786

Settlement at End of Primary Consolidation = 3.066

Settlement caused by Primary Consolidation at time 180. = 1.786

Settlement caused by Secondary Compression at time 180. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 2.57

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.80	12.05	24.00	22.23	17.93
1	29.79	29.61	12.04	23.95	22.18	17.88
1	29.59	29.42	12.03	23.90	22.13	17.83
1	29.39	29.24	12.03	23.85	22.08	17.78
1	29.19	29.05	12.02	23.81	22.03	17.73
1	28.99	28.86	12.01	23.76	21.99	17.68
1	28.79	28.68	12.00	23.71	21.94	17.64
1	28.59	28.49	11.99	23.66	21.89	17.59
1	28.39	28.31	11.99	23.61	21.84	17.54
1	28.19	28.12	11.98	23.56	21.79	17.49
1	27.99	27.94	11.97	23.51	21.75	17.44

2	27.99	27.94	11.97	2.20	2.18	2.12
2	26.66	26.62	11.55	2.14	2.12	2.05
2	25.36	25.33	11.13	2.07	2.07	2.01
2	24.09	24.05	10.71	2.02	2.02	1.97
2	22.83	22.80	10.30	1.98	1.98	1.92
2	21.60	21.56	9.88	1.93	1.93	1.88
2	20.38	20.35	9.46	1.89	1.88	1.83
2	19.18	19.15	9.04	1.84	1.83	1.78
2	18.00	17.98	8.62	1.80	1.78	1.74
2	18.00	17.98	8.62	1.56	1.56	1.55
3	17.19	17.18	8.31	1.56	1.55	1.55
3	16.38	16.37	7.99	1.55	1.55	1.54
3	15.58	15.57	7.68	1.55	1.54	1.53
3	14.78	14.77	7.36	1.54	1.54	1.53
3	13.98	13.97	7.05	1.53	1.53	1.53
3	13.18	13.17	6.73	1.53	1.53	1.52
3	12.38	12.37	6.41	1.52	1.52	1.52
3	11.59	11.58	6.10	1.52	1.52	1.51
3	10.79	10.78	5.78	1.52	1.52	1.51
3	10.00	9.99	5.47	1.51	1.51	1.51
3	10.00	9.99	5.47	0.85	0.85	0.84
4	8.99	8.98	4.92	0.84	0.84	0.84
4	7.98	7.97	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.83	0.83
4	5.97	5.97	3.28	0.83	0.83	0.83
4	4.97	4.97	2.73	0.83	0.83	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82

4	2.98	2.97	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.82	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.80

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.80	241.46	15.43	226.03	188.66	37.37
1	29.61	253.58	15.84	237.73	200.35	37.38
1	29.42	265.67	16.26	249.42	212.02	37.39
1	29.24	277.74	16.67	261.07	223.67	37.40
1	29.05	289.79	17.09	272.70	235.29	37.41
1	28.86	301.81	17.51	284.31	246.89	37.41
1	28.68	313.81	17.92	295.89	258.47	37.42
1	28.49	325.78	18.34	307.44	270.02	37.42
1	28.31	337.73	18.76	318.97	281.54	37.43
1	28.12	349.66	19.18	330.47	293.04	37.43
1	27.94	361.56	19.61	341.95	304.52	37.43
2	27.94	361.56	19.61	341.95	304.52	37.43
2	26.62	484.54	54.35	430.19	386.78	43.42
2	25.33	606.13	86.85	519.28	467.63	51.65
2	24.05	726.38	126.42	599.95	547.15	52.80
2	22.80	845.41	169.21	676.20	625.46	50.74
2	21.56	963.23	214.16	749.07	702.54	46.53
2	20.35	1079.75	260.74	819.01	778.34	40.67
2	19.15	1194.94	305.00	889.94	852.80	37.15
2	17.98	1308.80	348.35	960.45	925.92	34.52

3	17.98	1308.80	348.35	960.45	925.92	34.52
3	17.18	1390.04	381.07	1008.97	976.26	32.71
3	16.37	1471.16	410.77	1060.39	1026.47	33.92
3	15.57	1552.17	438.04	1114.13	1076.58	37.55
3	14.77	1633.08	463.29	1169.79	1126.58	43.22
3	13.97	1713.89	486.79	1227.10	1176.48	50.62
3	13.17	1794.61	515.51	1279.09	1226.29	52.80
3	12.37	1875.24	546.42	1328.82	1276.02	52.80
3	11.58	1955.81	577.33	1378.48	1325.68	52.80
3	10.78	2036.30	609.51	1426.79	1375.27	51.52
3	9.99	2116.72	643.49	1473.22	1424.77	48.45
4	9.99	2116.72	643.49	1473.22	1424.77	48.45
4	8.98	2230.18	714.66	1515.52	1487.74	27.77
4	7.97	2343.47	774.51	1568.96	1550.54	18.43
4	6.97	2456.61	827.83	1628.78	1613.17	15.61
4	5.97	2569.60	877.08	1692.52	1675.67	16.85
4	4.97	2682.47	923.69	1758.78	1738.04	20.74
4	3.97	2795.21	968.51	1826.70	1800.29	26.41
4	2.97	2907.83	1012.60	1895.23	1862.41	32.82
4	1.98	3020.33	1057.83	1962.50	1924.41	38.09
4	0.99	3132.70	1105.45	2027.25	1986.29	40.96
4	0.00	3244.94	1155.55	2089.39	2048.03	41.36

Time = 240. Degree of Consolidation = 25.%

Total Settlement = 0.192

Settlement at End of Primary Consolidation = 0.755

Settlement caused by Primary Consolidation at time 240. =
0.192

Settlement caused by Secondary Compression at time 240. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	5.00	3.02	0.49	9.11	9.11	9.11
5	4.95	2.97	0.49	9.11	8.81	8.65
5	4.90	2.93	0.48	9.11	8.54	8.20
5	4.85	2.88	0.48	9.11	8.27	7.74
5	4.80	2.83	0.47	9.11	8.02	7.29
5	4.75	2.79	0.47	9.11	7.79	6.83
5	4.70	2.75	0.46	9.11	7.57	6.37
5	4.65	2.71	0.46	9.11	7.37	5.92
5	4.60	2.66	0.45	9.11	7.18	5.46
5	4.55	2.62	0.45	9.11	7.00	5.00
5	4.50	2.59	0.45	9.11	6.84	4.79
5	4.45	2.55	0.44	9.11	6.68	4.78
5	4.40	2.51	0.44	9.11	6.54	4.78
5	4.35	2.47	0.43	9.11	6.41	4.77
5	4.30	2.44	0.43	9.11	6.29	4.77
5	4.25	2.40	0.42	9.11	6.18	4.76
5	4.20	2.37	0.42	9.11	6.07	4.76
5	4.15	2.33	0.41	9.11	5.97	4.75
5	4.10	2.30	0.41	9.11	5.89	4.74
5	4.05	2.26	0.40	9.11	5.80	4.73

5	4.00	2.23	0.40	9.11	5.73	4.63
5	4.00	2.23	0.40	9.11	5.73	4.63
5	3.95	2.20	0.39	9.11	5.65	4.52
5	3.90	2.16	0.39	9.11	5.58	4.42
5	3.85	2.13	0.38	9.11	5.52	4.31
5	3.80	2.10	0.38	9.11	5.46	4.21
5	3.75	2.07	0.37	9.11	5.41	4.10
5	3.70	2.04	0.37	9.11	5.36	3.99
5	3.65	2.00	0.36	9.11	5.31	3.89
5	3.60	1.97	0.36	9.11	5.27	3.78
5	3.55	1.94	0.35	9.11	5.23	3.68
5	3.50	1.91	0.35	9.11	5.19	3.57
5	3.45	1.88	0.34	9.11	5.16	3.47
5	3.40	1.85	0.34	9.11	5.13	3.36
5	3.35	1.82	0.33	9.11	5.10	3.26
5	3.30	1.79	0.33	9.11	5.07	3.15
5	3.25	1.76	0.32	9.11	5.05	3.04
5	3.20	1.73	0.32	9.11	5.03	2.94
5	3.15	1.70	0.31	9.11	5.01	2.83
5	3.10	1.67	0.31	9.11	4.99	2.73
5	3.05	1.64	0.30	9.11	4.97	2.62
5	3.00	1.61	0.30	9.11	4.95	2.52
5	3.00	1.61	0.30	9.11	4.95	2.52
5	2.95	1.58	0.29	9.11	4.93	2.41
5	2.90	1.55	0.29	9.11	4.92	2.30
5	2.85	1.52	0.28	9.11	4.90	2.20
5	2.80	1.49	0.28	9.11	4.89	2.09

5	2.75	1.47	0.27	9.11	4.88	1.99
5	2.70	1.44	0.27	9.11	4.87	1.88
5	2.65	1.41	0.26	9.11	4.85	1.78
5	2.60	1.38	0.26	9.11	4.84	1.74
5	2.55	1.35	0.25	9.11	4.83	1.74
5	2.50	1.32	0.25	9.11	4.82	1.73
5	2.45	1.29	0.24	9.11	4.82	1.73
5	2.40	1.26	0.24	9.11	4.81	1.73
5	2.35	1.23	0.23	9.11	4.80	1.73
5	2.30	1.21	0.23	9.11	4.79	1.72
5	2.25	1.18	0.22	9.11	4.79	1.72
5	2.20	1.15	0.22	9.11	4.78	1.72
5	2.15	1.12	0.21	9.11	4.77	1.72
5	2.10	1.09	0.21	9.11	4.76	1.71
5	2.05	1.06	0.20	9.11	4.76	1.71
5	2.00	1.03	0.20	9.11	4.75	1.71
5	2.00	1.03	0.20	9.11	4.75	1.71
5	1.95	1.01	0.19	9.11	4.72	1.71
5	1.90	0.98	0.19	9.11	4.69	1.70
5	1.85	0.95	0.18	9.11	4.66	1.70
5	1.80	0.92	0.18	9.11	4.64	1.70
5	1.75	0.89	0.17	9.11	4.62	1.70
5	1.70	0.87	0.17	9.11	4.59	1.69
5	1.65	0.84	0.16	9.11	4.57	1.69
5	1.60	0.81	0.16	9.11	4.55	1.69
5	1.55	0.78	0.15	9.11	4.53	1.69
5	1.50	0.76	0.15	9.11	4.50	1.68

5	1.45	0.73	0.14	9.11	4.48	1.68
5	1.40	0.70	0.14	9.11	4.45	1.68
5	1.35	0.68	0.13	9.11	4.43	1.67
5	1.30	0.65	0.13	9.11	4.40	1.67
5	1.25	0.62	0.12	9.11	4.38	1.67
5	1.20	0.60	0.12	9.11	4.35	1.67
5	1.15	0.57	0.11	9.11	4.33	1.66
5	1.10	0.54	0.11	9.11	4.30	1.66
5	1.05	0.52	0.10	9.11	4.27	1.66
5	1.00	0.49	0.10	9.11	4.25	1.66
5	1.00	0.49	0.10	9.11	4.25	1.66
5	0.95	0.46	0.09	9.11	4.22	1.65
5	0.90	0.44	0.09	9.11	4.19	1.65
5	0.85	0.41	0.08	9.11	4.17	1.65
5	0.80	0.39	0.08	9.11	4.14	1.65
5	0.75	0.36	0.07	9.11	4.11	1.64
5	0.70	0.34	0.07	9.11	4.08	1.64
5	0.65	0.31	0.06	9.11	4.05	1.64
5	0.60	0.29	0.06	9.11	4.03	1.64
5	0.55	0.26	0.05	9.11	4.00	1.63
5	0.50	0.24	0.05	9.11	3.97	1.63
5	0.45	0.21	0.04	9.11	3.94	1.63
5	0.40	0.19	0.04	9.11	3.91	1.63
5	0.35	0.17	0.03	9.11	3.88	1.62
5	0.30	0.14	0.03	9.11	3.85	1.62
5	0.25	0.12	0.02	9.11	3.82	1.62
5	0.20	0.09	0.02	9.11	3.78	1.62

5	0.15	0.07	0.01	9.11	3.75	1.61
5	0.10	0.05	0.01	9.11	3.72	1.61
5	0.05	0.02	0.00	9.11	3.69	1.61
5	0.00	0.00	0.00	9.11	3.65	1.61

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	3.02	0.00	0.00	0.00	0.00	0.00
5	2.97	3.60	0.34	3.26	3.07	0.19
5	2.93	7.12	0.67	6.45	6.06	0.39
5	2.88	10.55	0.97	9.57	8.96	0.61
5	2.83	13.90	1.26	12.64	11.78	0.85
5	2.79	17.17	1.53	15.65	14.53	1.11
5	2.75	20.38	1.78	18.60	17.21	1.39
5	2.71	23.52	2.02	21.51	19.82	1.68
5	2.66	26.60	2.24	24.37	22.38	1.99
5	2.62	29.63	2.44	27.19	24.87	2.31
5	2.59	32.60	2.63	29.97	27.32	2.65
5	2.55	35.52	2.81	32.71	29.71	3.00
5	2.51	38.40	2.97	35.42	32.06	3.36
5	2.47	41.23	3.13	38.11	34.37	3.74
5	2.44	44.03	3.27	40.76	36.63	4.13
5	2.40	46.79	3.40	43.39	38.87	4.52
5	2.37	49.51	3.52	46.00	41.06	4.93
5	2.33	52.21	3.63	48.58	43.23	5.35
5	2.30	54.87	3.73	51.14	45.37	5.77
5	2.26	57.51	3.83	53.69	47.48	6.21

5	2.23	60.13	3.91	56.22	49.57	6.65
5	2.23	60.13	3.91	56.22	49.57	6.65
5	2.20	62.72	4.00	58.72	51.64	7.09
5	2.16	65.29	4.08	61.21	53.68	7.54
5	2.13	67.84	4.15	63.69	55.70	7.99
5	2.10	70.37	4.22	66.15	57.70	8.45
5	2.07	72.89	4.29	68.60	59.69	8.91
5	2.04	75.39	4.34	71.04	61.66	9.38
5	2.00	77.87	4.40	73.47	63.61	9.86
5	1.97	80.34	4.45	75.89	65.55	10.34
5	1.94	82.79	4.49	78.30	67.48	10.82
5	1.91	85.24	4.53	80.70	69.40	11.31
5	1.88	87.67	4.57	83.10	71.30	11.80
5	1.85	90.10	4.61	85.49	73.20	12.29
5	1.82	92.51	4.64	87.87	75.09	12.78
5	1.79	94.92	4.67	90.25	76.96	13.28
5	1.76	97.32	4.70	92.62	78.84	13.78
5	1.73	99.71	4.73	94.98	80.70	14.28
5	1.70	102.09	4.75	97.34	82.56	14.79
5	1.67	104.47	4.77	99.70	84.41	15.29
5	1.64	106.84	4.79	102.05	86.25	15.80
5	1.61	109.21	4.81	104.40	88.09	16.31
5	1.61	109.21	4.81	104.40	88.09	16.31
5	1.58	111.57	4.83	106.74	89.92	16.82
5	1.55	113.93	4.85	109.08	91.75	17.33
5	1.52	116.28	4.87	111.41	93.58	17.84
5	1.49	118.63	4.88	113.75	95.40	18.35

5	1.47	120.97	4.90	116.08	97.21	18.86
5	1.44	123.31	4.91	118.40	99.02	19.38
5	1.41	125.65	4.93	120.73	100.83	19.89
5	1.38	127.98	4.94	123.05	102.64	20.41
5	1.35	130.31	4.95	125.36	104.44	20.92
5	1.32	132.64	4.96	127.68	106.24	21.44
5	1.29	134.96	4.97	130.00	108.04	21.96
5	1.26	137.29	4.98	132.31	109.83	22.48
5	1.23	139.61	4.99	134.62	111.62	23.00
5	1.21	141.92	5.00	136.93	113.41	23.52
5	1.18	144.24	5.36	138.88	115.20	23.68
5	1.15	146.55	6.05	140.50	116.98	23.52
5	1.12	148.86	6.76	142.10	118.76	23.33
5	1.09	151.17	7.51	143.66	120.54	23.11
5	1.06	153.47	8.32	145.16	122.32	22.84
5	1.03	155.78	9.21	146.57	124.10	22.47
5	1.03	155.78	9.21	146.57	124.10	22.47
5	1.01	158.08	10.11	147.97	125.87	22.10
5	0.98	160.36	10.25	150.11	127.63	22.48
5	0.95	162.64	10.38	152.26	129.38	22.88
5	0.92	164.92	10.50	154.41	131.12	23.29
5	0.89	167.18	10.62	156.56	132.86	23.70
5	0.87	169.44	10.73	158.71	134.59	24.12
5	0.84	171.69	10.84	160.85	136.31	24.53
5	0.81	173.93	10.96	162.98	138.03	24.95
5	0.78	176.17	11.07	165.10	139.74	25.36
5	0.76	178.40	11.19	167.21	141.44	25.77

5	0.73	180.62	11.31	169.31	143.13	26.18
5	0.70	182.84	11.43	171.41	144.82	26.59
5	0.68	185.04	11.55	173.49	146.50	26.99
5	0.65	187.24	11.68	175.57	148.17	27.40
5	0.62	189.44	11.81	177.63	149.83	27.80
5	0.60	191.62	11.93	179.69	151.49	28.20
5	0.57	193.80	12.06	181.73	153.14	28.59
5	0.54	195.96	12.19	183.77	154.78	28.99
5	0.52	198.12	12.33	185.80	156.41	29.39
5	0.49	200.28	12.46	187.81	158.03	29.78
5	0.49	200.28	12.46	187.81	158.03	29.78
5	0.46	202.42	12.60	189.82	159.65	30.17
5	0.44	204.55	12.73	191.82	161.26	30.57
5	0.41	206.68	12.87	193.81	162.85	30.96
5	0.39	208.80	13.01	195.79	164.44	31.35
5	0.36	210.91	13.15	197.76	166.03	31.74
5	0.34	213.01	13.29	199.72	167.60	32.12
5	0.31	215.10	13.43	201.67	169.16	32.51
5	0.29	217.18	13.57	203.61	170.72	32.89
5	0.26	219.26	13.72	205.54	172.26	33.28
5	0.24	221.32	13.87	207.46	173.80	33.66
5	0.21	223.38	14.01	209.37	175.33	34.04
5	0.19	225.43	14.16	211.26	176.85	34.41
5	0.17	227.47	14.32	213.15	178.36	34.79
5	0.14	229.49	14.47	215.02	179.86	35.17
5	0.12	231.51	14.62	216.89	181.35	35.54
5	0.09	233.52	14.78	218.74	182.83	35.91

5	0.07	235.52	14.94	220.58	184.30	36.28
5	0.05	237.51	15.10	222.41	185.76	36.64
5	0.02	239.49	15.26	224.23	187.22	37.01
5	0.00	241.46	15.43	226.03	188.66	37.37

Time = 240. Degree of Consolidation = 64.%

Total Settlement = 1.977

Settlement at End of Primary Consolidation = 3.066

Settlement caused by Primary Consolidation at time 240. = 1.977

Settlement caused by Secondary Compression at time 240. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 2.33

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.71	12.05	24.00	21.30	17.93
1	29.79	29.53	12.04	23.95	21.25	17.88
1	29.59	29.35	12.03	23.90	21.20	17.83
1	29.39	29.17	12.03	23.85	21.15	17.78
1	29.19	28.99	12.02	23.81	21.11	17.73
1	28.99	28.81	12.01	23.76	21.06	17.68
1	28.79	28.63	12.00	23.71	21.01	17.64
1	28.59	28.45	11.99	23.66	20.96	17.59
1	28.39	28.28	11.99	23.61	20.91	17.54

1	28.19	28.10	11.98	23.56	20.87	17.49
1	27.99	27.92	11.97	23.51	20.82	17.44
2	27.99	27.92	11.97	2.20	2.17	2.12
2	26.66	26.61	11.55	2.14	2.12	2.05
2	25.36	25.32	11.13	2.07	2.07	2.01
2	24.09	24.04	10.71	2.02	2.02	1.97
2	22.83	22.79	10.30	1.98	1.97	1.92
2	21.60	21.55	9.88	1.93	1.93	1.88
2	20.38	20.34	9.46	1.89	1.87	1.83
2	19.18	19.15	9.04	1.84	1.82	1.78
2	18.00	17.98	8.62	1.80	1.77	1.74
3	18.00	17.98	8.62	1.56	1.56	1.55
3	17.19	17.17	8.31	1.56	1.55	1.55
3	16.38	16.37	7.99	1.55	1.55	1.54
3	15.58	15.56	7.68	1.55	1.54	1.53
3	14.78	14.76	7.36	1.54	1.54	1.53
3	13.98	13.96	7.05	1.53	1.53	1.53
3	13.18	13.17	6.73	1.53	1.53	1.52
3	12.38	12.37	6.41	1.52	1.52	1.52
3	11.59	11.57	6.10	1.52	1.52	1.51
3	10.79	10.78	5.78	1.52	1.52	1.51
3	10.00	9.98	5.47	1.51	1.51	1.51
4	10.00	9.98	5.47	0.85	0.85	0.84
4	8.99	8.98	4.92	0.84	0.84	0.84
4	7.98	7.97	4.37	0.84	0.84	0.84
4	6.98	6.97	3.83	0.84	0.83	0.83
4	5.97	5.96	3.28	0.83	0.83	0.83

4	4.97	4.97	2.73	0.83	0.83	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.97	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.81	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.80

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.71	215.68	23.51	192.17	162.88	29.30
1	29.53	227.33	23.92	203.41	174.11	29.31
1	29.35	238.96	24.33	214.63	185.31	29.32
1	29.17	250.56	24.75	225.81	196.49	29.33
1	28.99	262.14	25.16	236.98	207.64	29.33
1	28.81	273.69	25.58	248.11	218.77	29.34
1	28.63	285.22	26.00	259.23	229.88	29.35
1	28.45	296.73	26.41	270.31	240.96	29.35
1	28.28	308.21	26.83	281.38	252.02	29.36
1	28.10	319.67	27.25	292.41	263.05	29.36
1	27.92	331.10	27.67	303.43	274.06	29.36
2	27.92	331.10	27.67	303.43	274.06	29.36
2	26.61	453.82	59.37	394.44	356.05	38.39
2	25.32	575.24	89.24	486.00	436.75	49.25
2	24.04	695.46	126.83	568.63	516.23	52.40
2	22.79	814.47	170.70	643.77	594.51	49.26
2	21.55	932.22	216.99	715.23	671.54	43.70
2	20.34	1048.65	264.18	784.47	747.24	37.23

2	19.15	1163.74	308.43	855.31	821.59	33.71
2	17.98	1277.50	350.96	926.54	894.63	31.92
3	17.98	1277.50	350.96	926.54	894.63	31.92
3	17.17	1358.73	383.08	975.65	944.95	30.70
3	16.37	1439.85	412.27	1027.58	995.16	32.42
3	15.56	1520.85	439.10	1081.75	1045.26	36.49
3	14.76	1601.75	463.95	1137.80	1095.25	42.55
3	13.96	1682.56	487.10	1195.46	1145.15	50.31
3	13.17	1763.28	515.51	1247.77	1194.97	52.80
3	12.37	1843.92	546.42	1297.50	1244.70	52.80
3	11.57	1924.48	577.45	1347.04	1294.36	52.68
3	10.78	2004.98	610.04	1394.93	1343.94	50.99
3	9.98	2085.39	644.49	1440.89	1393.44	47.45
4	9.98	2085.39	644.49	1440.89	1393.44	47.45
4	8.98	2198.85	718.70	1480.15	1456.41	23.74
4	7.97	2312.12	780.57	1531.55	1519.19	12.36
4	6.97	2425.24	835.21	1590.03	1581.81	8.23
4	5.96	2538.21	885.23	1652.98	1644.28	8.70
4	4.97	2651.06	932.19	1718.87	1706.63	12.24
4	3.97	2763.77	977.07	1786.71	1768.85	17.85
4	2.97	2876.37	1021.31	1855.06	1830.95	24.11
4	1.98	2988.84	1066.80	1922.05	1892.93	29.12
4	0.99	3101.19	1114.49	1986.70	1954.78	31.92
4	0.00	3213.41	1164.49	2048.91	2016.50	32.42

Time = 365. Degree of Consolidation = 38.%

Total Settlement = 0.285

Settlement at End of Primary Consolidation = 0.755

0.285 Settlement caused by Primary Consolidation at time 365. =

0.000 Settlement caused by Secondary Compression at time 365. =

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	5.00	2.61	0.49	9.11	9.11	9.11
5	4.95	2.56	0.49	9.11	8.79	8.65
5	4.90	2.51	0.48	9.11	8.48	8.20
5	4.85	2.47	0.48	9.11	8.19	7.74
5	4.80	2.42	0.47	9.11	7.92	7.29
5	4.75	2.38	0.47	9.11	7.67	6.83
5	4.70	2.34	0.46	9.11	7.43	6.37
5	4.65	2.30	0.46	9.11	7.21	5.92
5	4.60	2.26	0.45	9.11	7.00	5.46
5	4.55	2.22	0.45	9.11	6.81	5.00
5	4.50	2.18	0.45	9.11	6.63	4.79
5	4.45	2.14	0.44	9.11	6.47	4.78
5	4.40	2.10	0.44	9.11	6.32	4.78
5	4.35	2.07	0.43	9.11	6.18	4.77
5	4.30	2.03	0.43	9.11	6.05	4.77
5	4.25	2.00	0.42	9.11	5.93	4.76
5	4.20	1.96	0.42	9.11	5.83	4.76
5	4.15	1.93	0.41	9.11	5.73	4.75

5	4.10	1.90	0.41	9.11	5.64	4.74
5	4.05	1.87	0.40	9.11	5.55	4.73
5	4.00	1.83	0.40	9.11	5.48	4.63
5	4.00	1.83	0.40	9.11	5.48	4.63
5	3.95	1.80	0.39	9.11	5.40	4.52
5	3.90	1.77	0.39	9.11	5.33	4.42
5	3.85	1.74	0.38	9.11	5.27	4.31
5	3.80	1.71	0.38	9.11	5.21	4.21
5	3.75	1.68	0.37	9.11	5.16	4.10
5	3.70	1.65	0.37	9.11	5.11	3.99
5	3.65	1.62	0.36	9.11	5.07	3.89
5	3.60	1.59	0.36	9.11	5.03	3.78
5	3.55	1.56	0.35	9.11	4.99	3.68
5	3.50	1.53	0.35	9.11	4.96	3.57
5	3.45	1.50	0.34	9.11	4.93	3.47
5	3.40	1.47	0.34	9.11	4.90	3.36
5	3.35	1.44	0.33	9.11	4.88	3.26
5	3.30	1.41	0.33	9.11	4.86	3.15
5	3.25	1.38	0.32	9.11	4.84	3.04
5	3.20	1.35	0.32	9.11	4.82	2.94
5	3.15	1.32	0.31	9.11	4.80	2.83
5	3.10	1.30	0.31	9.11	4.79	2.73
5	3.05	1.27	0.30	9.11	4.77	2.62
5	3.00	1.24	0.30	9.11	4.75	2.52
5	3.00	1.24	0.30	9.11	4.75	2.52
5	2.95	1.21	0.29	9.11	4.60	2.41
5	2.90	1.18	0.29	9.11	4.44	2.30

5	2.85	1.16	0.28	9.11	4.32	2.20
5	2.80	1.13	0.28	9.11	4.22	2.09
5	2.75	1.11	0.27	9.11	4.13	1.99
5	2.70	1.08	0.27	9.11	4.05	1.88
5	2.65	1.06	0.26	9.11	3.99	1.78
5	2.60	1.03	0.26	9.11	3.93	1.74
5	2.55	1.01	0.25	9.11	3.88	1.74
5	2.50	0.98	0.25	9.11	3.83	1.73
5	2.45	0.96	0.24	9.11	3.78	1.73
5	2.40	0.93	0.24	9.11	3.74	1.73
5	2.35	0.91	0.23	9.11	3.70	1.73
5	2.30	0.89	0.23	9.11	3.66	1.72
5	2.25	0.87	0.22	9.11	3.63	1.72
5	2.20	0.84	0.22	9.11	3.59	1.72
5	2.15	0.82	0.21	9.11	3.56	1.72
5	2.10	0.80	0.21	9.11	3.53	1.71
5	2.05	0.78	0.20	9.11	3.50	1.71
5	2.00	0.75	0.20	9.11	3.46	1.71
5	2.00	0.75	0.20	9.11	3.46	1.71
5	1.95	0.73	0.19	9.11	3.43	1.71
5	1.90	0.71	0.19	9.11	3.40	1.70
5	1.85	0.69	0.18	9.11	3.37	1.70
5	1.80	0.67	0.18	9.11	3.34	1.70
5	1.75	0.64	0.17	9.11	3.31	1.70
5	1.70	0.62	0.17	9.11	3.28	1.69
5	1.65	0.60	0.16	9.11	3.25	1.69
5	1.60	0.58	0.16	9.11	3.22	1.69

5	1.55	0.56	0.15	9.11	3.19	1.69
5	1.50	0.54	0.15	9.11	3.16	1.68
5	1.45	0.52	0.14	9.11	3.13	1.68
5	1.40	0.50	0.14	9.11	3.09	1.68
5	1.35	0.48	0.13	9.11	3.06	1.67
5	1.30	0.46	0.13	9.11	3.03	1.67
5	1.25	0.44	0.12	9.11	3.00	1.67
5	1.20	0.42	0.12	9.11	2.97	1.67
5	1.15	0.40	0.11	9.11	2.93	1.66
5	1.10	0.38	0.11	9.11	2.90	1.66
5	1.05	0.36	0.10	9.11	2.87	1.66
5	1.00	0.34	0.10	9.11	2.83	1.66
5	1.00	0.34	0.10	9.11	2.83	1.66
5	0.95	0.32	0.09	9.11	2.80	1.65
5	0.90	0.30	0.09	9.11	2.77	1.65
5	0.85	0.29	0.08	9.11	2.73	1.65
5	0.80	0.27	0.08	9.11	2.70	1.65
5	0.75	0.25	0.07	9.11	2.66	1.64
5	0.70	0.23	0.07	9.11	2.62	1.64
5	0.65	0.21	0.06	9.11	2.59	1.64
5	0.60	0.20	0.06	9.11	2.55	1.64
5	0.55	0.18	0.05	9.11	2.51	1.63
5	0.50	0.16	0.05	9.11	2.47	1.63
5	0.45	0.14	0.04	9.11	2.43	1.63
5	0.40	0.13	0.04	9.11	2.39	1.63
5	0.35	0.11	0.03	9.11	2.35	1.62
5	0.30	0.09	0.03	9.11	2.31	1.62

5	0.25	0.08	0.02	9.11	2.27	1.62
5	0.20	0.06	0.02	9.11	2.22	1.62
5	0.15	0.05	0.01	9.11	2.18	1.61
5	0.10	0.03	0.01	9.11	2.13	1.61
5	0.05	0.02	0.00	9.11	2.09	1.61
5	0.00	0.00	0.00	9.11	2.04	1.61

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.61	0.00	0.00	0.00	0.00	0.00
5	2.56	3.60	0.37	3.22	3.07	0.15
5	2.51	7.10	0.73	6.37	6.04	0.33
5	2.47	10.51	1.06	9.44	8.92	0.52
5	2.42	13.83	1.38	12.45	11.72	0.73
5	2.38	17.07	1.67	15.40	14.43	0.97
5	2.34	20.24	1.95	18.29	17.07	1.22
5	2.30	23.33	2.20	21.13	19.63	1.49
5	2.26	26.36	2.44	23.92	22.13	1.78
5	2.22	29.33	2.66	26.66	24.57	2.09
5	2.18	32.24	2.87	29.37	26.96	2.41
5	2.14	35.09	3.06	32.04	29.29	2.75
5	2.10	37.90	3.23	34.67	31.57	3.11
5	2.07	40.67	3.39	37.28	33.80	3.47
5	2.03	43.39	3.54	39.85	36.00	3.85
5	2.00	46.08	3.68	42.40	38.16	4.24
5	1.96	48.73	3.80	44.93	40.28	4.65
5	1.93	51.35	3.92	47.43	42.37	5.06

5	1.90	53.94	4.02	49.92	44.43	5.48
5	1.87	56.50	4.12	52.38	46.47	5.92
5	1.83	59.04	4.20	54.83	48.48	6.36
5	1.83	59.04	4.20	54.83	48.48	6.36
5	1.80	61.55	4.29	57.26	50.46	6.80
5	1.77	64.05	4.37	59.67	52.43	7.24
5	1.74	66.52	4.44	62.07	54.37	7.70
5	1.71	68.97	4.51	64.46	56.30	8.16
5	1.68	71.41	4.57	66.84	58.21	8.63
5	1.65	73.83	4.63	69.20	60.10	9.10
5	1.62	76.24	4.68	71.56	61.98	9.58
5	1.59	78.63	4.72	73.91	63.85	10.06
5	1.56	81.02	4.76	76.25	65.70	10.55
5	1.53	83.39	4.80	78.59	67.55	11.04
5	1.50	85.75	4.84	80.92	69.38	11.53
5	1.47	88.11	4.87	83.24	71.21	12.03
5	1.44	90.45	4.90	85.56	73.03	12.53
5	1.41	92.79	4.92	87.87	74.84	13.03
5	1.38	95.12	4.94	90.18	76.64	13.54
5	1.35	97.45	4.97	92.48	78.44	14.04
5	1.32	99.77	4.98	94.79	80.24	14.55
5	1.30	102.09	5.23	96.86	82.02	14.84
5	1.27	104.40	6.80	97.60	83.81	13.79
5	1.24	106.71	8.76	97.95	85.59	12.36
5	1.24	106.71	8.76	97.95	85.59	12.36
5	1.21	108.99	10.71	98.27	87.34	10.94
5	1.18	111.22	11.49	99.73	89.04	10.68

5	1.16	113.41	12.11	101.29	90.70	10.59
5	1.13	115.56	12.62	102.94	92.32	10.61
5	1.11	117.68	13.05	104.63	93.92	10.71
5	1.08	119.78	13.43	106.36	95.49	10.86
5	1.06	121.86	13.75	108.11	97.04	11.06
5	1.03	123.92	14.05	109.87	98.57	11.30
5	1.01	125.96	14.31	111.65	100.09	11.56
5	0.98	127.98	14.55	113.43	101.58	11.85
5	0.96	130.00	14.78	115.22	103.07	12.15
5	0.93	131.99	14.99	117.00	104.54	12.47
5	0.91	133.98	15.19	118.79	105.99	12.80
5	0.89	135.95	15.38	120.58	107.44	13.14
5	0.87	137.91	15.56	122.36	108.87	13.49
5	0.84	139.87	15.73	124.14	110.30	13.84
5	0.82	141.81	15.90	125.91	111.71	14.20
5	0.80	143.74	16.06	127.68	113.11	14.56
5	0.78	145.66	16.22	129.44	114.50	14.93
5	0.75	147.57	16.38	131.19	115.89	15.30
5	0.75	147.57	16.38	131.19	115.89	15.30
5	0.73	149.47	16.54	132.93	117.26	15.67
5	0.71	151.36	16.69	134.67	118.62	16.05
5	0.69	153.24	16.84	136.40	119.98	16.42
5	0.67	155.11	17.00	138.12	121.32	16.80
5	0.64	156.98	17.15	139.83	122.65	17.17
5	0.62	158.83	17.30	141.53	123.98	17.55
5	0.60	160.67	17.46	143.22	125.30	17.92
5	0.58	162.51	17.61	144.90	126.60	18.30

5	0.56	164.33	17.76	146.57	127.90	18.67
5	0.54	166.15	17.92	148.23	129.19	19.05
5	0.52	167.95	18.07	149.88	130.47	19.42
5	0.50	169.75	18.23	151.53	131.73	19.79
5	0.48	171.54	18.38	153.16	132.99	20.16
5	0.46	173.32	18.54	154.77	134.24	20.53
5	0.44	175.08	18.70	156.38	135.48	20.90
5	0.42	176.84	18.86	157.98	136.71	21.27
5	0.40	178.59	19.03	159.56	137.93	21.63
5	0.38	180.32	19.19	161.13	139.14	21.99
5	0.36	182.05	19.36	162.69	140.34	22.35
5	0.34	183.77	19.53	164.24	141.53	22.71
5	0.34	183.77	19.53	164.24	141.53	22.71
5	0.32	185.47	19.70	165.78	142.70	23.07
5	0.30	187.17	19.87	167.30	143.87	23.43
5	0.29	188.85	20.04	168.81	145.03	23.78
5	0.27	190.53	20.22	170.31	146.17	24.13
5	0.25	192.19	20.40	171.79	147.31	24.48
5	0.23	193.84	20.58	173.26	148.43	24.83
5	0.21	195.48	20.77	174.71	149.55	25.17
5	0.20	197.11	20.96	176.15	150.65	25.51
5	0.18	198.73	21.15	177.58	151.74	25.84
5	0.16	200.33	21.35	178.99	152.81	26.18
5	0.14	201.93	21.54	180.38	153.88	26.51
5	0.13	203.51	21.75	181.76	154.93	26.83
5	0.11	205.08	21.95	183.13	155.97	27.15
5	0.09	206.63	22.16	184.47	157.00	27.47

5	0.08	208.17	22.37	185.80	158.01	27.79
5	0.06	209.70	22.59	187.11	159.01	28.10
5	0.05	211.22	22.81	188.41	160.00	28.40
5	0.03	212.72	23.04	189.68	160.97	28.71
5	0.02	214.21	23.27	190.94	161.93	29.00
5	0.00	215.68	23.51	192.17	162.88	29.30

Time = 365. Degree of Consolidation = 78.%

Total Settlement = 2.390

Settlement at End of Primary Consolidation = 3.066

Settlement caused by Primary Consolidation at time 365. = 2.390

Settlement caused by Secondary Compression at time 365. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.83

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.66	12.05	24.00	21.08	17.93
1	29.79	29.48	12.04	23.95	21.03	17.88
1	29.59	29.30	12.03	23.90	20.98	17.83
1	29.39	29.13	12.03	23.85	20.93	17.78
1	29.19	28.95	12.02	23.81	20.89	17.73
1	28.99	28.77	12.01	23.76	20.84	17.68
1	28.79	28.60	12.00	23.71	20.79	17.64

1	28.59	28.42	11.99	23.66	20.74	17.59
1	28.39	28.24	11.99	23.61	20.69	17.54
1	28.19	28.07	11.98	23.56	20.64	17.49
1	27.99	27.89	11.97	23.51	20.59	17.44
2	27.99	27.89	11.97	2.20	2.16	2.12
2	26.66	26.58	11.55	2.14	2.11	2.05
2	25.36	25.29	11.13	2.07	2.06	2.01
2	24.09	24.02	10.71	2.02	2.01	1.97
2	22.83	22.77	10.30	1.98	1.97	1.92
2	21.60	21.54	9.88	1.93	1.92	1.88
2	20.38	20.33	9.46	1.89	1.87	1.83
2	19.18	19.14	9.04	1.84	1.82	1.78
2	18.00	17.97	8.62	1.80	1.77	1.74
3	18.00	17.97	8.62	1.56	1.56	1.55
3	17.19	17.17	8.31	1.56	1.55	1.55
3	16.38	16.36	7.99	1.55	1.55	1.54
3	15.58	15.56	7.68	1.55	1.54	1.53
3	14.78	14.76	7.36	1.54	1.54	1.53
3	13.98	13.96	7.05	1.53	1.53	1.53
3	13.18	13.16	6.73	1.53	1.53	1.52
3	12.38	12.36	6.41	1.52	1.52	1.52
3	11.59	11.57	6.10	1.52	1.52	1.51
3	10.79	10.77	5.78	1.52	1.52	1.51
3	10.00	9.98	5.47	1.51	1.51	1.51
4	10.00	9.98	5.47	0.85	0.85	0.84
4	8.99	8.97	4.92	0.84	0.84	0.84
4	7.98	7.97	4.37	0.84	0.84	0.84

4	6.98	6.96	3.83	0.84	0.83	0.83
4	5.97	5.96	3.28	0.83	0.83	0.83
4	4.97	4.96	2.73	0.83	0.82	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.97	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.81	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.80

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.66	204.42	25.40	179.02	151.61	27.40
1	29.48	215.96	25.82	190.14	162.73	27.41
1	29.30	227.47	26.24	201.23	173.82	27.41
1	29.13	238.96	26.66	212.30	184.89	27.41
1	28.95	250.43	27.08	223.35	195.93	27.41
1	28.77	261.87	27.51	234.37	206.95	27.41
1	28.60	273.29	27.93	245.36	217.95	27.42
1	28.42	284.69	28.35	256.34	228.92	27.42
1	28.24	296.05	28.77	267.28	239.86	27.42
1	28.07	307.40	29.19	278.21	250.79	27.42
1	27.89	318.72	29.61	289.11	261.68	27.42
1	27.89	318.72	29.61	289.11	261.68	27.42
2	26.58	441.30	63.59	377.71	343.53	34.18
2	25.29	562.54	93.81	468.72	424.04	44.68
2	24.02	682.56	133.65	548.91	503.33	45.58
2	22.77	801.38	177.85	623.52	581.42	42.10

2	21.54	918.93	224.51	694.42	658.24	36.17
2	20.33	1035.15	270.91	764.24	733.73	30.50
2	19.14	1150.04	314.18	835.86	807.90	27.97
2	17.97	1263.65	355.21	908.45	880.78	27.67
2	17.97	1263.65	355.21	908.45	880.78	27.67
3	17.17	1344.87	386.31	958.56	931.09	27.47
3	16.36	1425.98	414.66	1011.32	981.29	30.03
3	15.56	1506.97	440.77	1066.20	1031.38	34.82
3	14.76	1587.87	465.00	1122.87	1081.37	41.50
3	13.96	1668.68	487.60	1181.07	1131.27	49.81
3	13.16	1749.39	515.51	1233.88	1181.08	52.80
3	12.36	1830.03	546.42	1283.61	1230.81	52.80
3	11.57	1910.60	577.91	1332.69	1280.47	52.22
3	10.77	1991.08	611.01	1380.08	1330.05	50.03
3	9.98	2071.49	646.00	1425.49	1379.55	45.94
3	9.98	2071.49	646.00	1425.49	1379.55	45.94
4	8.97	2184.94	723.70	1461.24	1442.50	18.74
4	7.97	2298.20	787.71	1510.50	1505.27	5.23
4	6.96	2411.30	843.43	1567.86	1567.86	0.00
4	5.96	2524.25	893.93	1630.32	1630.32	0.00
4	4.96	2637.06	943.68	1693.38	1692.64	0.75
4	3.97	2749.75	990.32	1759.42	1754.82	4.60
4	2.97	2862.31	1036.11	1826.19	1816.89	9.31
4	1.98	2974.74	1082.98	1891.76	1878.82	12.94
4	0.99	3087.04	1131.38	1955.66	1940.63	15.03
4	0.00	3199.21	1181.39	2017.82	2002.30	15.52

Time = 730. Degree of Consolidation = 44.%

Total Settlement = 0.332

Settlement at End of Primary Consolidation = 0.755

Settlement caused by Primary Consolidation at time 730. =
0.332

Settlement caused by Secondary Compression at time 730. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	5.00	2.43	0.49	9.11	9.11	9.11
5	4.95	2.38	0.49	9.11	8.79	8.65
5	4.90	2.33	0.48	9.11	8.48	8.20
5	4.85	2.29	0.48	9.11	8.19	7.74
5	4.80	2.24	0.47	9.11	7.92	7.29
5	4.75	2.20	0.47	9.11	7.66	6.83
5	4.70	2.16	0.46	9.11	7.42	6.37
5	4.65	2.12	0.46	9.11	7.20	5.92
5	4.60	2.08	0.45	9.11	7.00	5.46
5	4.55	2.04	0.45	9.11	6.80	5.00
5	4.50	2.00	0.45	9.11	6.63	4.79
5	4.45	1.96	0.44	9.11	6.46	4.78
5	4.40	1.92	0.44	9.11	6.31	4.78
5	4.35	1.89	0.43	9.11	6.17	4.77
5	4.30	1.85	0.43	9.11	6.05	4.77
5	4.25	1.82	0.42	9.11	5.93	4.76

5	4.20	1.78	0.42	9.11	5.82	4.76
5	4.15	1.75	0.41	9.11	5.72	4.75
5	4.10	1.72	0.41	9.11	5.63	4.74
5	4.05	1.69	0.40	9.11	5.55	4.73
5	4.00	1.65	0.40	9.11	5.47	4.63
5	4.00	1.65	0.40	9.11	5.47	4.63
5	3.95	1.62	0.39	9.11	5.40	4.52
5	3.90	1.59	0.39	9.11	5.33	4.42
5	3.85	1.56	0.38	9.11	5.26	4.31
5	3.80	1.53	0.38	9.11	5.21	4.21
5	3.75	1.50	0.37	9.11	5.16	4.10
5	3.70	1.47	0.37	9.11	5.11	3.99
5	3.65	1.44	0.36	9.11	5.06	3.89
5	3.60	1.41	0.36	9.11	5.03	3.78
5	3.55	1.38	0.35	9.11	4.99	3.68
5	3.50	1.35	0.35	9.11	4.96	3.57
5	3.45	1.32	0.34	9.11	4.93	3.47
5	3.40	1.29	0.34	9.11	4.90	3.36
5	3.35	1.26	0.33	9.11	4.88	3.26
5	3.30	1.23	0.33	9.11	4.85	3.15
5	3.25	1.20	0.32	9.11	4.83	3.04
5	3.20	1.17	0.32	9.11	4.82	2.94
5	3.15	1.14	0.31	9.11	4.80	2.83
5	3.10	1.12	0.31	9.11	4.78	2.73
5	3.05	1.09	0.30	9.11	4.77	2.62
5	3.00	1.06	0.30	9.11	4.75	2.52
5	3.00	1.06	0.30	9.11	4.75	2.52

5	2.95	1.03	0.29	9.11	4.46	2.41
5	2.90	1.00	0.29	9.11	4.22	2.30
5	2.85	0.98	0.28	9.11	4.02	2.20
5	2.80	0.96	0.28	9.11	3.86	2.09
5	2.75	0.93	0.27	9.11	3.73	1.99
5	2.70	0.91	0.27	9.11	3.61	1.88
5	2.65	0.89	0.26	9.11	3.51	1.78
5	2.60	0.86	0.26	9.11	3.41	1.74
5	2.55	0.84	0.25	9.11	3.33	1.74
5	2.50	0.82	0.25	9.11	3.25	1.73
5	2.45	0.80	0.24	9.11	3.18	1.73
5	2.40	0.78	0.24	9.11	3.12	1.73
5	2.35	0.76	0.23	9.11	3.06	1.73
5	2.30	0.74	0.23	9.11	3.00	1.72
5	2.25	0.72	0.22	9.11	2.95	1.72
5	2.20	0.70	0.22	9.11	2.90	1.72
5	2.15	0.68	0.21	9.11	2.85	1.72
5	2.10	0.66	0.21	9.11	2.80	1.71
5	2.05	0.64	0.20	9.11	2.76	1.71
5	2.00	0.63	0.20	9.11	2.72	1.71
5	2.00	0.63	0.20	9.11	2.72	1.71
5	1.95	0.61	0.19	9.11	2.68	1.71
5	1.90	0.59	0.19	9.11	2.64	1.70
5	1.85	0.57	0.18	9.11	2.60	1.70
5	1.80	0.55	0.18	9.11	2.57	1.70
5	1.75	0.54	0.17	9.11	2.53	1.70
5	1.70	0.52	0.17	9.11	2.50	1.69

5	1.65	0.50	0.16	9.11	2.47	1.69
5	1.60	0.48	0.16	9.11	2.44	1.69
5	1.55	0.47	0.15	9.11	2.41	1.69
5	1.50	0.45	0.15	9.11	2.38	1.68
5	1.45	0.43	0.14	9.11	2.35	1.68
5	1.40	0.42	0.14	9.11	2.32	1.68
5	1.35	0.40	0.13	9.11	2.30	1.67
5	1.30	0.38	0.13	9.11	2.27	1.67
5	1.25	0.37	0.12	9.11	2.25	1.67
5	1.20	0.35	0.12	9.11	2.22	1.67
5	1.15	0.34	0.11	9.11	2.20	1.66
5	1.10	0.32	0.11	9.11	2.18	1.66
5	1.05	0.30	0.10	9.11	2.15	1.66
5	1.00	0.29	0.10	9.11	2.13	1.66
5	1.00	0.29	0.10	9.11	2.13	1.66
5	0.95	0.27	0.09	9.11	2.11	1.65
5	0.90	0.26	0.09	9.11	2.09	1.65
5	0.85	0.24	0.08	9.11	2.06	1.65
5	0.80	0.23	0.08	9.11	2.04	1.65
5	0.75	0.21	0.07	9.11	2.02	1.64
5	0.70	0.20	0.07	9.11	2.00	1.64
5	0.65	0.18	0.06	9.11	1.98	1.64
5	0.60	0.17	0.06	9.11	1.96	1.64
5	0.55	0.15	0.05	9.11	1.94	1.63
5	0.50	0.14	0.05	9.11	1.92	1.63
5	0.45	0.13	0.04	9.11	1.90	1.63
5	0.40	0.11	0.04	9.11	1.88	1.63

5	0.35	0.10	0.03	9.11	1.86	1.62
5	0.30	0.08	0.03	9.11	1.85	1.62
5	0.25	0.07	0.02	9.11	1.83	1.62
5	0.20	0.05	0.02	9.11	1.81	1.62
5	0.15	0.04	0.01	9.11	1.79	1.61
5	0.10	0.03	0.01	9.11	1.77	1.61
5	0.05	0.01	0.00	9.11	1.75	1.61
5	0.00	0.00	0.00	9.11	1.74	1.61

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.43	0.00	0.00	0.00	0.00	0.00
5	2.38	3.60	0.38	3.22	3.07	0.15
5	2.33	7.10	0.73	6.37	6.04	0.32
5	2.29	10.51	1.07	9.44	8.92	0.52
5	2.24	13.83	1.38	12.45	11.71	0.73
5	2.20	17.07	1.68	15.39	14.43	0.96
5	2.16	20.23	1.95	18.28	17.06	1.22
5	2.12	23.32	2.21	21.12	19.63	1.49
5	2.08	26.35	2.45	23.90	22.13	1.78
5	2.04	29.32	2.67	26.65	24.56	2.08
5	2.00	32.23	2.87	29.35	26.95	2.41
5	1.96	35.08	3.06	32.02	29.27	2.75
5	1.92	37.89	3.24	34.65	31.55	3.10
5	1.89	40.65	3.40	37.25	33.79	3.47
5	1.85	43.37	3.55	39.83	35.98	3.85
5	1.82	46.06	3.68	42.37	38.14	4.24

5	1.78	48.71	3.81	44.90	40.26	4.64
5	1.75	51.32	3.92	47.40	42.35	5.05
5	1.72	53.91	4.03	49.89	44.41	5.48
5	1.69	56.47	4.12	52.35	46.44	5.91
5	1.65	59.01	4.21	54.80	48.45	6.35
5	1.65	59.01	4.21	54.80	48.45	6.35
5	1.62	61.52	4.30	57.23	50.44	6.79
5	1.59	64.02	4.38	59.64	52.40	7.24
5	1.56	66.49	4.45	62.04	54.34	7.69
5	1.53	68.94	4.52	64.42	56.27	8.16
5	1.50	71.37	4.58	66.80	58.17	8.62
5	1.47	73.79	4.63	69.16	60.07	9.10
5	1.44	76.20	4.68	71.52	61.94	9.57
5	1.41	78.59	4.73	73.87	63.81	10.06
5	1.38	80.97	4.77	76.21	65.66	10.54
5	1.35	83.35	4.81	78.54	67.51	11.03
5	1.32	85.71	4.84	80.87	69.34	11.53
5	1.29	88.06	4.87	83.19	71.16	12.03
5	1.26	90.41	4.90	85.51	72.98	12.53
5	1.23	92.74	4.93	87.82	74.79	13.03
5	1.20	95.08	4.95	90.13	76.60	13.53
5	1.17	97.40	4.97	92.43	78.39	14.04
5	1.14	99.72	4.99	94.73	80.19	14.55
5	1.12	102.04	5.51	96.53	81.97	14.56
5	1.09	104.35	7.14	97.21	83.76	13.45
5	1.06	106.65	9.26	97.39	85.53	11.86
5	1.06	106.65	9.26	97.39	85.53	11.86

5	1.03	108.91	11.39	97.53	87.26	10.26
5	1.00	111.09	12.61	98.47	88.91	9.57
5	0.98	113.19	13.58	99.62	90.49	9.13
5	0.96	115.25	14.38	100.87	92.01	8.86
5	0.93	117.25	15.05	102.20	93.49	8.71
5	0.91	119.22	15.64	103.58	94.93	8.65
5	0.89	121.16	16.17	104.99	96.34	8.65
5	0.86	123.06	16.63	106.43	97.72	8.71
5	0.84	124.94	17.05	107.89	99.07	8.82
5	0.82	126.79	17.44	109.35	100.39	8.96
5	0.80	128.62	17.79	110.83	101.69	9.14
5	0.78	130.43	18.12	112.31	102.97	9.34
5	0.76	132.22	18.42	113.79	104.23	9.56
5	0.74	133.99	18.71	115.28	105.48	9.81
5	0.72	135.74	18.97	116.77	106.70	10.07
5	0.70	137.48	19.22	118.26	107.91	10.35
5	0.68	139.20	19.46	119.74	109.11	10.64
5	0.66	140.91	19.68	121.23	110.29	10.94
5	0.64	142.61	19.90	122.71	111.45	11.26
5	0.63	144.29	20.10	124.19	112.61	11.58
5	0.63	144.29	20.10	124.19	112.61	11.58
5	0.61	145.96	20.30	125.66	113.75	11.91
5	0.59	147.62	20.49	127.12	114.88	12.24
5	0.57	149.26	20.68	128.58	116.00	12.59
5	0.55	150.90	20.86	130.04	117.10	12.94
5	0.54	152.52	21.03	131.49	118.20	13.29
5	0.52	154.13	21.19	132.94	119.29	13.66

5	0.50	155.74	21.35	134.39	120.36	14.02
5	0.48	157.33	21.51	135.83	121.43	14.40
5	0.47	158.92	21.66	137.26	122.48	14.78
5	0.45	160.49	21.80	138.69	123.53	15.16
5	0.43	162.06	21.94	140.12	124.57	15.55
5	0.42	163.62	22.08	141.54	125.60	15.94
5	0.40	165.17	22.21	142.96	126.62	16.34
5	0.38	166.71	22.34	144.37	127.64	16.74
5	0.37	168.24	22.46	145.78	128.64	17.14
5	0.35	169.77	22.59	147.18	129.64	17.54
5	0.34	171.29	22.71	148.58	130.63	17.95
5	0.32	172.80	22.82	149.98	131.61	18.36
5	0.30	174.30	22.94	151.36	132.59	18.77
5	0.29	175.80	23.05	152.75	133.56	19.19
5	0.29	175.80	23.05	152.75	133.56	19.19
5	0.27	177.29	23.16	154.13	134.52	19.61
5	0.26	178.78	23.27	155.50	135.48	20.02
5	0.24	180.25	23.38	156.87	136.43	20.44
5	0.23	181.72	23.49	158.23	137.37	20.86
5	0.21	183.19	23.59	159.59	138.30	21.29
5	0.20	184.64	23.70	160.94	139.23	21.71
5	0.18	186.09	23.80	162.29	140.16	22.14
5	0.17	187.54	23.90	163.64	141.07	22.57
5	0.15	188.98	24.00	164.98	141.98	23.00
5	0.14	190.41	24.10	166.31	142.89	23.43
5	0.13	191.84	24.19	167.64	143.79	23.86
5	0.11	193.26	24.29	168.97	144.68	24.29

5	0.10	194.67	24.38	170.29	145.56	24.73
5	0.08	196.08	24.47	171.61	146.45	25.16
5	0.07	197.48	24.57	172.92	147.32	25.60
5	0.05	198.88	24.66	174.22	148.19	26.03
5	0.04	200.27	24.75	175.52	149.05	26.47
5	0.03	201.66	24.84	176.82	149.91	26.91
5	0.01	203.04	24.93	178.11	150.77	27.35
5	0.00	204.42	25.40	179.02	151.61	27.40

Time = 730. Degree of Consolidation = 84.%

Total Settlement = 2.570

Settlement at End of Primary Consolidation = 3.066

Settlement caused by Primary Consolidation at time 730. = 2.570

Settlement caused by Secondary Compression at time 730. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.60

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.64	12.05	24.00	21.08	17.93
1	29.79	29.46	12.04	23.95	21.03	17.88
1	29.59	29.28	12.03	23.90	20.98	17.83
1	29.39	29.10	12.03	23.85	20.93	17.78
1	29.19	28.93	12.02	23.81	20.88	17.73

1	28.99	28.75	12.01	23.76	20.84	17.68
1	28.79	28.57	12.00	23.71	20.79	17.64
1	28.59	28.40	11.99	23.66	20.74	17.59
1	28.39	28.22	11.99	23.61	20.69	17.54
1	28.19	28.05	11.98	23.56	20.64	17.49
1	27.99	27.87	11.97	23.51	20.59	17.44
2	27.99	27.87	11.97	2.20	2.16	2.12
2	26.66	26.56	11.55	2.14	2.11	2.05
2	25.36	25.27	11.13	2.07	2.06	2.01
2	24.09	24.00	10.71	2.02	2.01	1.97
2	22.83	22.76	10.30	1.98	1.96	1.92
2	21.60	21.53	9.88	1.93	1.91	1.88
2	20.38	20.32	9.46	1.89	1.86	1.83
2	19.18	19.14	9.04	1.84	1.81	1.78
2	18.00	17.97	8.62	1.80	1.76	1.74
3	18.00	17.97	8.62	1.56	1.56	1.55
3	17.19	17.17	8.31	1.56	1.55	1.55
3	16.38	16.36	7.99	1.55	1.55	1.54
3	15.58	15.56	7.68	1.55	1.54	1.53
3	14.78	14.76	7.36	1.54	1.54	1.53
3	13.98	13.96	7.05	1.53	1.53	1.53
3	13.18	13.16	6.73	1.53	1.53	1.52
3	12.38	12.36	6.41	1.52	1.52	1.52
3	11.59	11.57	6.10	1.52	1.52	1.51
3	10.79	10.77	5.78	1.52	1.52	1.51
3	10.00	9.98	5.47	1.51	1.51	1.51
4	10.00	9.98	5.47	0.85	0.85	0.84

4	8.99	8.97	4.92	0.84	0.84	0.84
4	7.98	7.96	4.37	0.84	0.84	0.84
4	6.98	6.96	3.83	0.84	0.83	0.83
4	5.97	5.96	3.28	0.83	0.83	0.83
4	4.97	4.96	2.73	0.83	0.82	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.97	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.81	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.80

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.64	204.40	25.41	179.00	151.60	27.39
1	29.46	215.94	25.83	190.11	162.72	27.40
1	29.28	227.46	26.25	201.21	173.81	27.40
1	29.10	238.95	26.67	212.28	184.88	27.40
1	28.93	250.42	27.09	223.32	195.92	27.40
1	28.75	261.86	27.52	234.34	206.94	27.40
1	28.57	273.28	27.94	245.34	217.93	27.40
1	28.40	284.67	28.36	256.31	228.90	27.41
1	28.22	296.04	28.78	267.26	239.85	27.41
1	28.05	307.38	29.20	278.18	250.77	27.41
1	27.87	318.70	29.63	289.08	261.67	27.41
1	27.87	318.70	29.63	289.08	261.67	27.41
2	26.56	441.24	65.11	376.14	343.48	32.66
2	25.27	562.40	96.42	465.98	423.90	42.08

2	24.00	682.29	139.09	543.20	503.07	40.14
2	22.76	800.93	184.97	615.97	580.98	34.99
2	21.53	918.27	232.92	685.35	657.58	27.77
2	20.32	1034.25	278.69	755.56	732.84	22.73
2	19.14	1148.92	320.79	828.13	806.78	21.36
2	17.97	1262.36	360.03	902.33	879.49	22.84
2	17.97	1262.36	360.03	902.33	879.49	22.84
3	17.17	1343.56	389.99	953.57	929.78	23.79
3	16.36	1424.65	417.38	1007.27	979.97	27.30
3	15.56	1505.64	442.68	1062.96	1030.05	32.92
3	14.76	1586.53	466.20	1120.33	1080.03	40.30
3	13.96	1667.33	488.17	1179.16	1129.92	49.24
3	13.16	1748.05	515.51	1232.54	1179.73	52.80
3	12.36	1828.69	546.42	1282.27	1229.47	52.80
3	11.57	1909.25	577.91	1331.34	1279.12	52.22
3	10.77	1989.74	611.01	1378.73	1328.71	50.03
3	9.98	2070.15	646.01	1424.15	1378.21	45.94
3	9.98	2070.15	646.01	1424.15	1378.21	45.94
4	8.97	2183.60	723.70	1459.90	1441.16	18.74
4	7.96	2296.86	787.71	1509.15	1503.92	5.23
4	6.96	2409.95	843.43	1566.52	1566.52	0.00
4	5.96	2522.91	893.93	1628.98	1628.98	0.00
4	4.96	2635.72	944.43	1691.29	1691.29	0.00
4	3.97	2748.40	992.12	1756.28	1753.48	2.80
4	2.97	2860.95	1038.82	1822.13	1815.53	6.60
4	1.98	2973.38	1086.44	1886.94	1877.46	9.48
4	0.99	3085.67	1135.30	1950.36	1939.25	11.11

4 0.00 3197.82 1185.42 2012.41 2000.91 11.49

Time = 1825. Degree of Consolidation = 47.%

Total Settlement = 0.354

Settlement at End of Primary Consolidation = 0.755

Settlement caused by Primary Consolidation at time 1825. =
0.354

Settlement caused by Secondary Compression at time 1825. =
0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	5.00	2.43	0.49	9.11	9.11	9.11
5	4.95	2.38	0.49	9.11	8.79	8.65
5	4.90	2.33	0.48	9.11	8.48	8.20
5	4.85	2.29	0.48	9.11	8.19	7.74
5	4.80	2.24	0.47	9.11	7.92	7.29
5	4.75	2.20	0.47	9.11	7.66	6.83
5	4.70	2.16	0.46	9.11	7.42	6.37
5	4.65	2.11	0.46	9.11	7.20	5.92
5	4.60	2.07	0.45	9.11	7.00	5.46
5	4.55	2.04	0.45	9.11	6.80	5.00
5	4.50	2.00	0.45	9.11	6.63	4.79
5	4.45	1.96	0.44	9.11	6.46	4.78
5	4.40	1.92	0.44	9.11	6.31	4.78
5	4.35	1.89	0.43	9.11	6.17	4.77

5	4.30	1.85	0.43	9.11	6.05	4.77
5	4.25	1.82	0.42	9.11	5.93	4.76
5	4.20	1.78	0.42	9.11	5.82	4.76
5	4.15	1.75	0.41	9.11	5.72	4.75
5	4.10	1.72	0.41	9.11	5.63	4.74
5	4.05	1.69	0.40	9.11	5.55	4.73
5	4.00	1.65	0.40	9.11	5.47	4.63
5	4.00	1.65	0.40	9.11	5.47	4.63
5	3.95	1.62	0.39	9.11	5.40	4.52
5	3.90	1.59	0.39	9.11	5.33	4.42
5	3.85	1.56	0.38	9.11	5.26	4.31
5	3.80	1.53	0.38	9.11	5.21	4.21
5	3.75	1.50	0.37	9.11	5.16	4.10
5	3.70	1.47	0.37	9.11	5.11	3.99
5	3.65	1.44	0.36	9.11	5.06	3.89
5	3.60	1.41	0.36	9.11	5.03	3.78
5	3.55	1.38	0.35	9.11	4.99	3.68
5	3.50	1.35	0.35	9.11	4.96	3.57
5	3.45	1.32	0.34	9.11	4.93	3.47
5	3.40	1.29	0.34	9.11	4.90	3.36
5	3.35	1.26	0.33	9.11	4.88	3.26
5	3.30	1.23	0.33	9.11	4.85	3.15
5	3.25	1.20	0.32	9.11	4.83	3.04
5	3.20	1.17	0.32	9.11	4.82	2.94
5	3.15	1.14	0.31	9.11	4.80	2.83
5	3.10	1.12	0.31	9.11	4.78	2.73
5	3.05	1.09	0.30	9.11	4.77	2.62

5	3.00	1.06	0.30	9.11	4.75	2.52
5	3.00	1.06	0.30	9.11	4.75	2.52
5	2.95	1.03	0.29	9.11	4.46	2.41
5	2.90	1.00	0.29	9.11	4.22	2.30
5	2.85	0.98	0.28	9.11	4.02	2.20
5	2.80	0.95	0.28	9.11	3.86	2.09
5	2.75	0.93	0.27	9.11	3.73	1.99
5	2.70	0.91	0.27	9.11	3.61	1.88
5	2.65	0.89	0.26	9.11	3.51	1.78
5	2.60	0.86	0.26	9.11	3.41	1.74
5	2.55	0.84	0.25	9.11	3.33	1.74
5	2.50	0.82	0.25	9.11	3.25	1.73
5	2.45	0.80	0.24	9.11	3.18	1.73
5	2.40	0.78	0.24	9.11	3.12	1.73
5	2.35	0.76	0.23	9.11	3.05	1.73
5	2.30	0.74	0.23	9.11	3.00	1.72
5	2.25	0.72	0.22	9.11	2.94	1.72
5	2.20	0.70	0.22	9.11	2.89	1.72
5	2.15	0.68	0.21	9.11	2.85	1.72
5	2.10	0.66	0.21	9.11	2.80	1.71
5	2.05	0.64	0.20	9.11	2.76	1.71
5	2.00	0.62	0.20	9.11	2.72	1.71
5	2.00	0.62	0.20	9.11	2.72	1.71
5	1.95	0.61	0.19	9.11	2.68	1.71
5	1.90	0.59	0.19	9.11	2.64	1.70
5	1.85	0.57	0.18	9.11	2.60	1.70
5	1.80	0.55	0.18	9.11	2.57	1.70

5	1.75	0.54	0.17	9.11	2.53	1.70
5	1.70	0.52	0.17	9.11	2.50	1.69
5	1.65	0.50	0.16	9.11	2.47	1.69
5	1.60	0.48	0.16	9.11	2.44	1.69
5	1.55	0.47	0.15	9.11	2.41	1.69
5	1.50	0.45	0.15	9.11	2.38	1.68
5	1.45	0.43	0.14	9.11	2.35	1.68
5	1.40	0.42	0.14	9.11	2.32	1.68
5	1.35	0.40	0.13	9.11	2.30	1.67
5	1.30	0.38	0.13	9.11	2.27	1.67
5	1.25	0.37	0.12	9.11	2.25	1.67
5	1.20	0.35	0.12	9.11	2.22	1.67
5	1.15	0.34	0.11	9.11	2.20	1.66
5	1.10	0.32	0.11	9.11	2.17	1.66
5	1.05	0.30	0.10	9.11	2.15	1.66
5	1.00	0.29	0.10	9.11	2.13	1.66
5	1.00	0.29	0.10	9.11	2.13	1.66
5	0.95	0.27	0.09	9.11	2.11	1.65
5	0.90	0.26	0.09	9.11	2.08	1.65
5	0.85	0.24	0.08	9.11	2.06	1.65
5	0.80	0.23	0.08	9.11	2.04	1.65
5	0.75	0.21	0.07	9.11	2.02	1.64
5	0.70	0.20	0.07	9.11	2.00	1.64
5	0.65	0.18	0.06	9.11	1.98	1.64
5	0.60	0.17	0.06	9.11	1.96	1.64
5	0.55	0.15	0.05	9.11	1.94	1.63
5	0.50	0.14	0.05	9.11	1.92	1.63

5	0.45	0.13	0.04	9.11	1.90	1.63
5	0.40	0.11	0.04	9.11	1.88	1.63
5	0.35	0.10	0.03	9.11	1.86	1.62
5	0.30	0.08	0.03	9.11	1.84	1.62
5	0.25	0.07	0.02	9.11	1.83	1.62
5	0.20	0.05	0.02	9.11	1.81	1.62
5	0.15	0.04	0.01	9.11	1.79	1.61
5	0.10	0.03	0.01	9.11	1.77	1.61
5	0.05	0.01	0.00	9.11	1.75	1.61
5	0.00	0.00	0.00	9.11	1.74	1.61

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.43	0.00	0.00	0.00	0.00	0.00
5	2.38	3.60	0.38	3.22	3.07	0.15
5	2.33	7.10	0.73	6.37	6.04	0.32
5	2.29	10.51	1.07	9.44	8.92	0.52
5	2.24	13.83	1.38	12.45	11.71	0.73
5	2.20	17.07	1.68	15.39	14.43	0.96
5	2.16	20.23	1.95	18.28	17.06	1.22
5	2.11	23.32	2.21	21.12	19.63	1.49
5	2.07	26.35	2.45	23.90	22.13	1.78
5	2.04	29.32	2.67	26.65	24.56	2.08
5	2.00	32.23	2.87	29.35	26.95	2.41
5	1.96	35.08	3.06	32.02	29.27	2.75
5	1.92	37.89	3.24	34.65	31.55	3.10
5	1.89	40.65	3.40	37.25	33.79	3.47

5	1.85	43.37	3.55	39.83	35.98	3.85
5	1.82	46.06	3.68	42.37	38.14	4.24
5	1.78	48.71	3.81	44.90	40.26	4.64
5	1.75	51.32	3.92	47.40	42.35	5.05
5	1.72	53.91	4.03	49.88	44.41	5.48
5	1.69	56.47	4.12	52.35	46.44	5.91
5	1.65	59.01	4.21	54.80	48.45	6.35
5	1.65	59.01	4.21	54.80	48.45	6.35
5	1.62	61.52	4.30	57.23	50.44	6.79
5	1.59	64.02	4.38	59.64	52.40	7.24
5	1.56	66.49	4.45	62.04	54.34	7.69
5	1.53	68.94	4.52	64.42	56.27	8.16
5	1.50	71.37	4.58	66.80	58.17	8.62
5	1.47	73.79	4.63	69.16	60.07	9.10
5	1.44	76.20	4.68	71.52	61.94	9.57
5	1.41	78.59	4.73	73.87	63.81	10.06
5	1.38	80.97	4.77	76.21	65.66	10.54
5	1.35	83.35	4.81	78.54	67.51	11.03
5	1.32	85.71	4.84	80.87	69.34	11.53
5	1.29	88.06	4.87	83.19	71.16	12.03
5	1.26	90.41	4.90	85.51	72.98	12.53
5	1.23	92.74	4.93	87.82	74.79	13.03
5	1.20	95.08	4.95	90.13	76.60	13.53
5	1.17	97.40	4.97	92.43	78.39	14.04
5	1.14	99.72	4.99	94.73	80.19	14.55
5	1.12	102.04	5.51	96.53	81.97	14.56
5	1.09	104.35	7.14	97.21	83.76	13.45

5	1.06	106.65	9.27	97.39	85.53	11.86
5	1.06	106.65	9.27	97.39	85.53	11.86
5	1.03	108.91	11.39	97.52	87.26	10.26
5	1.00	111.09	12.61	98.47	88.91	9.56
5	0.98	113.19	13.58	99.61	90.49	9.13
5	0.95	115.25	14.38	100.87	92.01	8.86
5	0.93	117.25	15.06	102.20	93.49	8.70
5	0.91	119.22	15.65	103.58	94.93	8.64
5	0.89	121.16	16.17	104.99	96.34	8.65
5	0.86	123.06	16.64	106.43	97.72	8.71
5	0.84	124.94	17.06	107.88	99.07	8.82
5	0.82	126.79	17.44	109.35	100.39	8.96
5	0.80	128.62	17.80	110.82	101.69	9.13
5	0.78	130.43	18.12	112.30	102.97	9.33
5	0.76	132.22	18.43	113.79	104.23	9.56
5	0.74	133.99	18.71	115.28	105.47	9.80
5	0.72	135.74	18.98	116.76	106.70	10.06
5	0.70	137.48	19.23	118.25	107.91	10.34
5	0.68	139.20	19.46	119.74	109.10	10.63
5	0.66	140.91	19.69	121.22	110.28	10.94
5	0.64	142.60	19.90	122.70	111.45	11.25
5	0.62	144.29	20.10	124.18	112.60	11.58
5	0.62	144.29	20.10	124.18	112.60	11.58
5	0.61	145.95	20.30	125.65	113.75	11.91
5	0.59	147.61	20.50	127.11	114.87	12.24
5	0.57	149.26	20.68	128.57	115.99	12.58
5	0.55	150.89	20.86	130.03	117.10	12.93

5	0.54	152.52	21.03	131.48	118.19	13.29
5	0.52	154.13	21.20	132.93	119.28	13.65
5	0.50	155.73	21.36	134.38	120.36	14.02
5	0.48	157.33	21.51	135.82	121.42	14.39
5	0.47	158.91	21.66	137.25	122.48	14.77
5	0.45	160.49	21.80	138.68	123.52	15.16
5	0.43	162.05	21.94	140.11	124.56	15.55
5	0.42	163.61	22.08	141.53	125.59	15.94
5	0.40	165.16	22.21	142.95	126.61	16.33
5	0.38	166.70	22.34	144.36	127.63	16.73
5	0.37	168.24	22.47	145.77	128.63	17.13
5	0.35	169.76	22.59	147.17	129.63	17.54
5	0.34	171.28	22.71	148.57	130.62	17.95
5	0.32	172.79	22.83	149.96	131.61	18.36
5	0.30	174.30	22.94	151.35	132.58	18.77
5	0.29	175.79	23.06	152.74	133.55	19.19
5	0.29	175.79	23.06	152.74	133.55	19.19
5	0.27	177.28	23.17	154.12	134.51	19.60
5	0.26	178.77	23.28	155.49	135.47	20.02
5	0.24	180.24	23.39	156.86	136.42	20.44
5	0.23	181.71	23.49	158.22	137.36	20.86
5	0.21	183.18	23.60	159.58	138.29	21.28
5	0.20	184.63	23.70	160.93	139.22	21.71
5	0.18	186.08	23.80	162.28	140.15	22.14
5	0.17	187.53	23.90	163.63	141.06	22.56
5	0.15	188.97	24.00	164.97	141.97	22.99
5	0.14	190.40	24.10	166.30	142.88	23.42

5	0.13	191.82	24.19	167.63	143.77	23.86
5	0.11	193.25	24.29	168.96	144.67	24.29
5	0.10	194.66	24.38	170.28	145.55	24.72
5	0.08	196.07	24.48	171.59	146.43	25.16
5	0.07	197.47	24.57	172.90	147.31	25.60
5	0.05	198.87	24.66	174.21	148.18	26.03
5	0.04	200.26	24.75	175.51	149.04	26.47
5	0.03	201.65	24.84	176.81	149.90	26.91
5	0.01	203.03	24.93	178.10	150.75	27.35
5	0.00	204.40	25.41	179.00	151.60	27.39

Time = 1825. Degree of Consolidation = 84.%

Total Settlement = 2.570

Settlement at End of Primary Consolidation = 3.066

Settlement caused by Primary Consolidation at time 1825. = 2.570

Settlement caused by Secondary Compression at time 1825. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.58

*****Current Conditions in Compressible Foundation*****

Material	***** Coordinates *****			***** Void Ratios *****		
	A	XI	Z	Einitial	E	Eeop
1	29.99	29.63	12.05	24.00	21.08	17.93
1	29.79	29.45	12.04	23.95	21.03	17.88
1	29.59	29.28	12.03	23.90	20.98	17.83

1	29.39	29.10	12.03	23.85	20.93	17.78
1	29.19	28.92	12.02	23.81	20.88	17.73
1	28.99	28.75	12.01	23.76	20.84	17.68
1	28.79	28.57	12.00	23.71	20.79	17.64
1	28.59	28.39	11.99	23.66	20.74	17.59
1	28.39	28.22	11.99	23.61	20.69	17.54
1	28.19	28.04	11.98	23.56	20.64	17.49
1	27.99	27.87	11.97	23.51	20.59	17.44
2	27.99	27.87	11.97	2.20	2.16	2.12
2	26.66	26.56	11.55	2.14	2.11	2.05
2	25.36	25.27	11.13	2.07	2.06	2.01
2	24.09	24.00	10.71	2.02	2.01	1.97
2	22.83	22.75	10.30	1.98	1.96	1.92
2	21.60	21.53	9.88	1.93	1.91	1.88
2	20.38	20.32	9.46	1.89	1.86	1.83
2	19.18	19.14	9.04	1.84	1.81	1.78
2	18.00	17.97	8.62	1.80	1.76	1.74
3	18.00	17.97	8.62	1.56	1.56	1.55
3	17.19	17.17	8.31	1.56	1.55	1.55
3	16.38	16.36	7.99	1.55	1.55	1.54
3	15.58	15.56	7.68	1.55	1.54	1.53
3	14.78	14.76	7.36	1.54	1.54	1.53
3	13.98	13.96	7.05	1.53	1.53	1.53
3	13.18	13.16	6.73	1.53	1.53	1.52
3	12.38	12.36	6.41	1.52	1.52	1.52
3	11.59	11.57	6.10	1.52	1.52	1.51
3	10.79	10.77	5.78	1.52	1.52	1.51

3	10.00	9.98	5.47	1.51	1.51	1.51
4	10.00	9.98	5.47	0.85	0.85	0.84
4	8.99	8.97	4.92	0.84	0.84	0.84
4	7.98	7.96	4.37	0.84	0.84	0.84
4	6.98	6.96	3.83	0.84	0.83	0.83
4	5.97	5.96	3.28	0.83	0.83	0.83
4	4.97	4.96	2.73	0.83	0.82	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.97	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.81	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.80

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.63	204.40	25.41	178.99	151.60	27.39
1	29.45	215.94	25.83	190.11	162.72	27.39
1	29.28	227.46	26.25	201.21	173.81	27.40
1	29.10	238.95	26.67	212.28	184.88	27.40
1	28.92	250.42	27.10	223.32	195.92	27.40
1	28.75	261.86	27.52	234.34	206.94	27.40
1	28.57	273.28	27.94	245.34	217.93	27.40
1	28.39	284.67	28.36	256.31	228.90	27.40
1	28.22	296.04	28.78	267.25	239.85	27.41
1	28.04	307.38	29.21	278.18	250.77	27.41
1	27.87	318.70	29.63	289.07	261.66	27.41
2	27.87	318.70	29.63	289.07	261.66	27.41

2	26.56	441.24	65.37	375.87	343.47	32.40
2	25.27	562.38	96.87	465.51	423.88	41.63
2	24.00	682.25	140.04	542.21	503.02	39.19
2	22.75	800.86	186.22	614.64	580.90	33.73
2	21.53	918.15	234.42	683.73	657.47	26.26
2	20.32	1034.09	280.08	754.01	732.68	21.33
2	19.14	1148.73	321.98	826.75	806.58	20.17
2	17.97	1262.13	360.90	901.24	879.26	21.98
2	17.97	1262.13	360.90	901.24	879.26	21.98
3	17.17	1343.33	390.65	952.68	929.55	23.13
3	16.36	1424.42	417.88	1006.55	979.73	26.81
3	15.56	1505.41	443.02	1062.38	1029.81	32.57
3	14.76	1586.30	466.41	1119.88	1079.79	40.09
3	13.96	1667.10	488.28	1178.82	1129.69	49.13
3	13.16	1747.81	515.51	1232.30	1179.50	52.80
3	12.36	1828.45	546.42	1282.03	1229.23	52.80
3	11.57	1909.02	577.91	1331.11	1278.89	52.22
3	10.77	1989.51	611.01	1378.50	1328.47	50.03
3	9.98	2069.91	646.01	1423.91	1377.97	45.94
3	9.98	2069.91	646.01	1423.91	1377.97	45.94
4	8.97	2183.36	723.70	1459.66	1440.93	18.74
4	7.96	2296.62	787.71	1508.91	1503.69	5.23
4	6.96	2409.72	843.43	1566.28	1566.28	0.00
4	5.96	2522.67	893.93	1628.74	1628.74	0.00
4	4.96	2635.48	944.43	1691.06	1691.06	0.00
4	3.97	2748.16	992.12	1756.05	1753.24	2.80
4	2.97	2860.72	1038.82	1821.90	1815.30	6.60

4	1.98	2973.14	1086.44	1886.70	1877.22	9.47
4	0.99	3085.43	1135.30	1950.13	1939.02	11.11
4	0.00	3197.59	1185.42	2012.17	2000.68	11.49

Time = 3650. Degree of Consolidation = 47.%

Total Settlement = 0.357

Settlement at End of Primary Consolidation = 0.755

Settlement caused by Primary Consolidation at time 3650. = 0.357

Settlement caused by Secondary Compression at time 3650. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	5.00	2.43	0.49	9.11	9.11	9.11
5	4.95	2.38	0.49	9.11	8.79	8.65
5	4.90	2.33	0.48	9.11	8.48	8.20
5	4.85	2.29	0.48	9.11	8.19	7.74
5	4.80	2.24	0.47	9.11	7.92	7.29
5	4.75	2.20	0.47	9.11	7.66	6.83
5	4.70	2.16	0.46	9.11	7.42	6.37
5	4.65	2.11	0.46	9.11	7.20	5.92
5	4.60	2.07	0.45	9.11	7.00	5.46
5	4.55	2.04	0.45	9.11	6.80	5.00
5	4.50	2.00	0.45	9.11	6.63	4.79
5	4.45	1.96	0.44	9.11	6.46	4.78

5	4.40	1.92	0.44	9.11	6.31	4.78
5	4.35	1.89	0.43	9.11	6.17	4.77
5	4.30	1.85	0.43	9.11	6.05	4.77
5	4.25	1.82	0.42	9.11	5.93	4.76
5	4.20	1.78	0.42	9.11	5.82	4.76
5	4.15	1.75	0.41	9.11	5.72	4.75
5	4.10	1.72	0.41	9.11	5.63	4.74
5	4.05	1.69	0.40	9.11	5.55	4.73
5	4.00	1.65	0.40	9.11	5.47	4.63
5	4.00	1.65	0.40	9.11	5.47	4.63
5	3.95	1.62	0.39	9.11	5.40	4.52
5	3.90	1.59	0.39	9.11	5.33	4.42
5	3.85	1.56	0.38	9.11	5.26	4.31
5	3.80	1.53	0.38	9.11	5.21	4.21
5	3.75	1.50	0.37	9.11	5.16	4.10
5	3.70	1.47	0.37	9.11	5.11	3.99
5	3.65	1.44	0.36	9.11	5.06	3.89
5	3.60	1.41	0.36	9.11	5.03	3.78
5	3.55	1.38	0.35	9.11	4.99	3.68
5	3.50	1.35	0.35	9.11	4.96	3.57
5	3.45	1.32	0.34	9.11	4.93	3.47
5	3.40	1.29	0.34	9.11	4.90	3.36
5	3.35	1.26	0.33	9.11	4.88	3.26
5	3.30	1.23	0.33	9.11	4.85	3.15
5	3.25	1.20	0.32	9.11	4.83	3.04
5	3.20	1.17	0.32	9.11	4.82	2.94
5	3.15	1.14	0.31	9.11	4.80	2.83

5	3.10	1.12	0.31	9.11	4.78	2.73
5	3.05	1.09	0.30	9.11	4.77	2.62
5	3.00	1.06	0.30	9.11	4.75	2.52
5	3.00	1.06	0.30	9.11	4.75	2.52
5	2.95	1.03	0.29	9.11	4.46	2.41
5	2.90	1.00	0.29	9.11	4.22	2.30
5	2.85	0.98	0.28	9.11	4.02	2.20
5	2.80	0.95	0.28	9.11	3.86	2.09
5	2.75	0.93	0.27	9.11	3.73	1.99
5	2.70	0.91	0.27	9.11	3.61	1.88
5	2.65	0.89	0.26	9.11	3.51	1.78
5	2.60	0.86	0.26	9.11	3.41	1.74
5	2.55	0.84	0.25	9.11	3.33	1.74
5	2.50	0.82	0.25	9.11	3.25	1.73
5	2.45	0.80	0.24	9.11	3.18	1.73
5	2.40	0.78	0.24	9.11	3.12	1.73
5	2.35	0.76	0.23	9.11	3.05	1.73
5	2.30	0.74	0.23	9.11	3.00	1.72
5	2.25	0.72	0.22	9.11	2.94	1.72
5	2.20	0.70	0.22	9.11	2.89	1.72
5	2.15	0.68	0.21	9.11	2.85	1.72
5	2.10	0.66	0.21	9.11	2.80	1.71
5	2.05	0.64	0.20	9.11	2.76	1.71
5	2.00	0.62	0.20	9.11	2.72	1.71
5	2.00	0.62	0.20	9.11	2.72	1.71
5	1.95	0.61	0.19	9.11	2.68	1.71
5	1.90	0.59	0.19	9.11	2.64	1.70

5	1.85	0.57	0.18	9.11	2.60	1.70
5	1.80	0.55	0.18	9.11	2.57	1.70
5	1.75	0.54	0.17	9.11	2.53	1.70
5	1.70	0.52	0.17	9.11	2.50	1.69
5	1.65	0.50	0.16	9.11	2.47	1.69
5	1.60	0.48	0.16	9.11	2.44	1.69
5	1.55	0.47	0.15	9.11	2.41	1.69
5	1.50	0.45	0.15	9.11	2.38	1.68
5	1.45	0.43	0.14	9.11	2.35	1.68
5	1.40	0.42	0.14	9.11	2.32	1.68
5	1.35	0.40	0.13	9.11	2.30	1.67
5	1.30	0.38	0.13	9.11	2.27	1.67
5	1.25	0.37	0.12	9.11	2.25	1.67
5	1.20	0.35	0.12	9.11	2.22	1.67
5	1.15	0.34	0.11	9.11	2.20	1.66
5	1.10	0.32	0.11	9.11	2.17	1.66
5	1.05	0.30	0.10	9.11	2.15	1.66
5	1.00	0.29	0.10	9.11	2.13	1.66
5	1.00	0.29	0.10	9.11	2.13	1.66
5	0.95	0.27	0.09	9.11	2.11	1.65
5	0.90	0.26	0.09	9.11	2.08	1.65
5	0.85	0.24	0.08	9.11	2.06	1.65
5	0.80	0.23	0.08	9.11	2.04	1.65
5	0.75	0.21	0.07	9.11	2.02	1.64
5	0.70	0.20	0.07	9.11	2.00	1.64
5	0.65	0.18	0.06	9.11	1.98	1.64
5	0.60	0.17	0.06	9.11	1.96	1.64

5	0.55	0.15	0.05	9.11	1.94	1.63
5	0.50	0.14	0.05	9.11	1.92	1.63
5	0.45	0.13	0.04	9.11	1.90	1.63
5	0.40	0.11	0.04	9.11	1.88	1.63
5	0.35	0.10	0.03	9.11	1.86	1.62
5	0.30	0.08	0.03	9.11	1.84	1.62
5	0.25	0.07	0.02	9.11	1.83	1.62
5	0.20	0.05	0.02	9.11	1.81	1.62
5	0.15	0.04	0.01	9.11	1.79	1.61
5	0.10	0.03	0.01	9.11	1.77	1.61
5	0.05	0.01	0.00	9.11	1.75	1.61
5	0.00	0.00	0.00	9.11	1.74	1.61

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.43	0.00	0.00	0.00	0.00	0.00
5	2.38	3.60	0.38	3.22	3.07	0.15
5	2.33	7.10	0.73	6.37	6.04	0.32
5	2.29	10.51	1.07	9.44	8.92	0.52
5	2.24	13.83	1.38	12.45	11.71	0.73
5	2.20	17.07	1.68	15.39	14.43	0.96
5	2.16	20.23	1.95	18.28	17.06	1.22
5	2.11	23.32	2.21	21.12	19.63	1.49
5	2.07	26.35	2.45	23.90	22.13	1.78
5	2.04	29.32	2.67	26.65	24.56	2.08
5	2.00	32.23	2.87	29.35	26.95	2.41
5	1.96	35.08	3.06	32.02	29.27	2.75

5	1.92	37.89	3.24	34.65	31.55	3.10
5	1.89	40.65	3.40	37.25	33.79	3.47
5	1.85	43.37	3.55	39.83	35.98	3.85
5	1.82	46.06	3.68	42.37	38.14	4.24
5	1.78	48.71	3.81	44.90	40.26	4.64
5	1.75	51.32	3.92	47.40	42.35	5.05
5	1.72	53.91	4.03	49.88	44.41	5.48
5	1.69	56.47	4.12	52.35	46.44	5.91
5	1.65	59.01	4.21	54.80	48.45	6.35
5	1.65	59.01	4.21	54.80	48.45	6.35
5	1.62	61.52	4.30	57.23	50.44	6.79
5	1.59	64.02	4.38	59.64	52.40	7.24
5	1.56	66.49	4.45	62.04	54.34	7.69
5	1.53	68.94	4.52	64.42	56.27	8.16
5	1.50	71.37	4.58	66.80	58.17	8.62
5	1.47	73.79	4.63	69.16	60.07	9.10
5	1.44	76.20	4.68	71.52	61.94	9.57
5	1.41	78.59	4.73	73.87	63.81	10.06
5	1.38	80.97	4.77	76.21	65.66	10.54
5	1.35	83.35	4.81	78.54	67.51	11.03
5	1.32	85.71	4.84	80.87	69.34	11.53
5	1.29	88.06	4.87	83.19	71.16	12.03
5	1.26	90.41	4.90	85.51	72.98	12.53
5	1.23	92.74	4.93	87.82	74.79	13.03
5	1.20	95.08	4.95	90.13	76.60	13.53
5	1.17	97.40	4.97	92.43	78.39	14.04
5	1.14	99.72	4.99	94.73	80.19	14.55

5	1.12	102.04	5.51	96.53	81.97	14.56
5	1.09	104.35	7.14	97.21	83.76	13.45
5	1.06	106.65	9.27	97.39	85.53	11.86
5	1.06	106.65	9.27	97.39	85.53	11.86
5	1.03	108.91	11.39	97.52	87.26	10.26
5	1.00	111.09	12.61	98.47	88.91	9.56
5	0.98	113.19	13.58	99.61	90.49	9.13
5	0.95	115.25	14.38	100.87	92.01	8.86
5	0.93	117.25	15.06	102.20	93.49	8.70
5	0.91	119.22	15.65	103.58	94.93	8.64
5	0.89	121.16	16.17	104.99	96.34	8.65
5	0.86	123.06	16.64	106.43	97.72	8.71
5	0.84	124.94	17.06	107.88	99.07	8.82
5	0.82	126.79	17.44	109.35	100.39	8.96
5	0.80	128.62	17.80	110.82	101.69	9.13
5	0.78	130.43	18.12	112.30	102.97	9.33
5	0.76	132.22	18.43	113.79	104.23	9.56
5	0.74	133.99	18.71	115.28	105.47	9.80
5	0.72	135.74	18.98	116.76	106.70	10.06
5	0.70	137.48	19.23	118.25	107.91	10.34
5	0.68	139.20	19.46	119.74	109.10	10.63
5	0.66	140.91	19.69	121.22	110.28	10.94
5	0.64	142.60	19.90	122.70	111.45	11.25
5	0.62	144.28	20.10	124.18	112.60	11.58
5	0.62	144.28	20.10	124.18	112.60	11.58
5	0.61	145.95	20.30	125.65	113.75	11.91
5	0.59	147.61	20.50	127.11	114.87	12.24

5	0.57	149.26	20.68	128.57	115.99	12.58
5	0.55	150.89	20.86	130.03	117.10	12.93
5	0.54	152.52	21.03	131.48	118.19	13.29
5	0.52	154.13	21.20	132.93	119.28	13.65
5	0.50	155.73	21.36	134.38	120.36	14.02
5	0.48	157.33	21.51	135.82	121.42	14.39
5	0.47	158.91	21.66	137.25	122.48	14.77
5	0.45	160.49	21.80	138.68	123.52	15.16
5	0.43	162.05	21.94	140.11	124.56	15.55
5	0.42	163.61	22.08	141.53	125.59	15.94
5	0.40	165.16	22.21	142.95	126.61	16.33
5	0.38	166.70	22.34	144.36	127.63	16.73
5	0.37	168.24	22.47	145.77	128.63	17.13
5	0.35	169.76	22.59	147.17	129.63	17.54
5	0.34	171.28	22.71	148.57	130.62	17.95
5	0.32	172.79	22.83	149.96	131.61	18.36
5	0.30	174.30	22.94	151.35	132.58	18.77
5	0.29	175.79	23.06	152.74	133.55	19.19
5	0.29	175.79	23.06	152.74	133.55	19.19
5	0.27	177.28	23.17	154.12	134.51	19.60
5	0.26	178.77	23.28	155.49	135.47	20.02
5	0.24	180.24	23.39	156.86	136.42	20.44
5	0.23	181.71	23.49	158.22	137.36	20.86
5	0.21	183.18	23.60	159.58	138.29	21.28
5	0.20	184.63	23.70	160.93	139.22	21.71
5	0.18	186.08	23.80	162.28	140.15	22.14
5	0.17	187.53	23.90	163.63	141.06	22.56

5	0.15	188.97	24.00	164.97	141.97	22.99
5	0.14	190.40	24.10	166.30	142.88	23.42
5	0.13	191.82	24.19	167.63	143.77	23.86
5	0.11	193.25	24.29	168.96	144.67	24.29
5	0.10	194.66	24.38	170.28	145.55	24.72
5	0.08	196.07	24.48	171.59	146.43	25.16
5	0.07	197.47	24.57	172.90	147.31	25.60
5	0.05	198.87	24.66	174.21	148.18	26.03
5	0.04	200.26	24.75	175.51	149.04	26.47
5	0.03	201.65	24.84	176.81	149.90	26.91
5	0.01	203.03	24.93	178.10	150.75	27.35
5	0.00	204.40	25.41	178.99	151.60	27.39

Time = 3650. Degree of Consolidation = 84.%

Total Settlement = 2.570

Settlement at End of Primary Consolidation = 3.066

Settlement caused by Primary Consolidation at time 3650. = 2.570

Settlement caused by Secondary Compression at time 3650. = 0.000

Settlement Due to Desiccation = 0.000

Surface Elevation = 1.57

*****Current Conditions in Compressible Foundation*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
1	29.99	29.63	12.05	24.00	21.08	17.93

1	29.79	29.45	12.04	23.95	21.03	17.88
1	29.59	29.28	12.03	23.90	20.98	17.83
1	29.39	29.10	12.03	23.85	20.93	17.78
1	29.19	28.92	12.02	23.81	20.88	17.73
1	28.99	28.75	12.01	23.76	20.84	17.68
1	28.79	28.57	12.00	23.71	20.79	17.64
1	28.59	28.39	11.99	23.66	20.74	17.59
1	28.39	28.22	11.99	23.61	20.69	17.54
1	28.19	28.04	11.98	23.56	20.64	17.49
1	27.99	27.87	11.97	23.51	20.59	17.44
2	27.99	27.87	11.97	2.20	2.16	2.12
2	26.66	26.56	11.55	2.14	2.11	2.05
2	25.36	25.27	11.13	2.07	2.05	2.01
2	24.09	24.00	10.71	2.02	2.01	1.97
2	22.83	22.75	10.30	1.98	1.96	1.92
2	21.60	21.53	9.88	1.93	1.91	1.88
2	20.38	20.32	9.46	1.89	1.86	1.83
2	19.18	19.14	9.04	1.84	1.81	1.78
2	18.00	17.97	8.62	1.80	1.76	1.74
2	18.00	17.97	8.62	1.56	1.56	1.55
3	17.19	17.17	8.31	1.56	1.55	1.55
3	16.38	16.36	7.99	1.55	1.55	1.54
3	15.58	15.56	7.68	1.55	1.54	1.53
3	14.78	14.76	7.36	1.54	1.54	1.53
3	13.98	13.96	7.05	1.53	1.53	1.53
3	13.18	13.16	6.73	1.53	1.53	1.52
3	12.38	12.36	6.41	1.52	1.52	1.52

3	11.59	11.57	6.10	1.52	1.52	1.51
3	10.79	10.77	5.78	1.52	1.52	1.51
3	10.00	9.98	5.47	1.51	1.51	1.51
4	10.00	9.98	5.47	0.85	0.85	0.84
4	8.99	8.97	4.92	0.84	0.84	0.84
4	7.98	7.96	4.37	0.84	0.84	0.84
4	6.98	6.96	3.83	0.84	0.83	0.83
4	5.97	5.96	3.28	0.83	0.83	0.83
4	4.97	4.96	2.73	0.83	0.82	0.82
4	3.97	3.97	2.19	0.82	0.82	0.82
4	2.98	2.97	1.64	0.82	0.82	0.82
4	1.98	1.98	1.09	0.82	0.81	0.81
4	0.99	0.99	0.55	0.81	0.81	0.81
4	0.00	0.00	0.00	0.81	0.81	0.80

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
1	29.63	204.40	25.41	178.99	151.60	27.39
1	29.45	215.94	25.83	190.11	162.72	27.39
1	29.28	227.46	26.25	201.21	173.81	27.40
1	29.10	238.95	26.67	212.28	184.88	27.40
1	28.92	250.42	27.10	223.32	195.92	27.40
1	28.75	261.86	27.52	234.34	206.94	27.40
1	28.57	273.28	27.94	245.34	217.93	27.40
1	28.39	284.67	28.36	256.31	228.90	27.40
1	28.22	296.04	28.78	267.25	239.85	27.41
1	28.04	307.38	29.21	278.18	250.77	27.41

1	27.87	318.70	29.63	289.07	261.66	27.41
2	27.87	318.70	29.63	289.07	261.66	27.41
2	26.56	441.24	65.38	375.85	343.47	32.38
2	25.27	562.38	96.89	465.49	423.88	41.61
2	24.00	682.25	140.08	542.16	503.02	39.14
2	22.75	800.85	186.28	614.57	580.90	33.67
2	21.53	918.15	234.50	683.65	657.46	26.19
2	20.32	1034.09	280.15	753.93	732.67	21.26
2	19.14	1148.72	322.04	826.68	806.57	20.11
2	17.97	1262.12	360.94	901.19	879.25	21.94
2	17.97	1262.12	360.94	901.19	879.25	21.94
3	17.17	1343.32	390.68	952.64	929.54	23.10
3	16.36	1424.41	417.90	1006.51	979.72	26.79
3	15.56	1505.39	443.04	1062.35	1029.80	32.55
3	14.76	1586.28	466.42	1119.86	1079.78	40.08
3	13.96	1667.09	488.28	1178.81	1129.68	49.13
3	13.16	1747.80	515.51	1232.29	1179.49	52.80
3	12.36	1828.44	546.42	1282.02	1229.22	52.80
3	11.57	1909.01	577.91	1331.10	1278.88	52.22
3	10.77	1989.49	611.01	1378.49	1328.46	50.03
3	9.98	2069.90	646.01	1423.90	1377.96	45.94
3	9.98	2069.90	646.01	1423.90	1377.96	45.94
4	8.97	2183.35	723.70	1459.65	1440.91	18.74
4	7.96	2296.61	787.71	1508.90	1503.68	5.23
4	6.96	2409.71	843.43	1566.27	1566.27	0.00
4	5.96	2522.66	893.93	1628.73	1628.73	0.00
4	4.96	2635.47	944.43	1691.05	1691.05	0.00

4	3.97	2748.15	992.12	1756.03	1753.23	2.80
4	2.97	2860.70	1038.82	1821.88	1815.29	6.60
4	1.98	2973.13	1086.44	1886.69	1877.21	9.47
4	0.99	3085.42	1135.30	1950.12	1939.01	11.11
4	0.00	3197.58	1185.42	2012.16	2000.67	11.49

Time = 7300. Degree of Consolidation = 47.%

Total Settlement = 0.357

Settlement at End of Primary Consolidation = 0.755

Settlement caused by Primary Consolidation at time 7300. = 0.357

Settlement caused by Secondary Compression at time 7300. = 0.000

*****Current Conditions in Dredged Fill*****

	***** Coordinates *****			***** Void Ratios *****		
Material	A	XI	Z	Einitial	E	Eeop
5	5.00	2.43	0.49	9.11	9.11	9.11
5	4.95	2.38	0.49	9.11	8.79	8.65
5	4.90	2.33	0.48	9.11	8.48	8.20
5	4.85	2.29	0.48	9.11	8.19	7.74
5	4.80	2.24	0.47	9.11	7.92	7.29
5	4.75	2.20	0.47	9.11	7.66	6.83
5	4.70	2.16	0.46	9.11	7.42	6.37
5	4.65	2.11	0.46	9.11	7.20	5.92
5	4.60	2.07	0.45	9.11	7.00	5.46
5	4.55	2.04	0.45	9.11	6.80	5.00

5	4.50	2.00	0.45	9.11	6.63	4.79
5	4.45	1.96	0.44	9.11	6.46	4.78
5	4.40	1.92	0.44	9.11	6.31	4.78
5	4.35	1.89	0.43	9.11	6.17	4.77
5	4.30	1.85	0.43	9.11	6.05	4.77
5	4.25	1.82	0.42	9.11	5.93	4.76
5	4.20	1.78	0.42	9.11	5.82	4.76
5	4.15	1.75	0.41	9.11	5.72	4.75
5	4.10	1.72	0.41	9.11	5.63	4.74
5	4.05	1.69	0.40	9.11	5.55	4.73
5	4.00	1.65	0.40	9.11	5.47	4.63
5	4.00	1.65	0.40	9.11	5.47	4.63
5	3.95	1.62	0.39	9.11	5.40	4.52
5	3.90	1.59	0.39	9.11	5.33	4.42
5	3.85	1.56	0.38	9.11	5.26	4.31
5	3.80	1.53	0.38	9.11	5.21	4.21
5	3.75	1.50	0.37	9.11	5.16	4.10
5	3.70	1.47	0.37	9.11	5.11	3.99
5	3.65	1.44	0.36	9.11	5.06	3.89
5	3.60	1.41	0.36	9.11	5.03	3.78
5	3.55	1.38	0.35	9.11	4.99	3.68
5	3.50	1.35	0.35	9.11	4.96	3.57
5	3.45	1.32	0.34	9.11	4.93	3.47
5	3.40	1.29	0.34	9.11	4.90	3.36
5	3.35	1.26	0.33	9.11	4.88	3.26
5	3.30	1.23	0.33	9.11	4.85	3.15
5	3.25	1.20	0.32	9.11	4.83	3.04

5	3.20	1.17	0.32	9.11	4.82	2.94
5	3.15	1.14	0.31	9.11	4.80	2.83
5	3.10	1.12	0.31	9.11	4.78	2.73
5	3.05	1.09	0.30	9.11	4.77	2.62
5	3.00	1.06	0.30	9.11	4.75	2.52
5	3.00	1.06	0.30	9.11	4.75	2.52
5	2.95	1.03	0.29	9.11	4.46	2.41
5	2.90	1.00	0.29	9.11	4.22	2.30
5	2.85	0.98	0.28	9.11	4.02	2.20
5	2.80	0.95	0.28	9.11	3.86	2.09
5	2.75	0.93	0.27	9.11	3.73	1.99
5	2.70	0.91	0.27	9.11	3.61	1.88
5	2.65	0.89	0.26	9.11	3.51	1.78
5	2.60	0.86	0.26	9.11	3.41	1.74
5	2.55	0.84	0.25	9.11	3.33	1.74
5	2.50	0.82	0.25	9.11	3.25	1.73
5	2.45	0.80	0.24	9.11	3.18	1.73
5	2.40	0.78	0.24	9.11	3.12	1.73
5	2.35	0.76	0.23	9.11	3.05	1.73
5	2.30	0.74	0.23	9.11	3.00	1.72
5	2.25	0.72	0.22	9.11	2.94	1.72
5	2.20	0.70	0.22	9.11	2.89	1.72
5	2.15	0.68	0.21	9.11	2.85	1.72
5	2.10	0.66	0.21	9.11	2.80	1.71
5	2.05	0.64	0.20	9.11	2.76	1.71
5	2.00	0.62	0.20	9.11	2.72	1.71
5	2.00	0.62	0.20	9.11	2.72	1.71

5	1.95	0.61	0.19	9.11	2.68	1.71
5	1.90	0.59	0.19	9.11	2.64	1.70
5	1.85	0.57	0.18	9.11	2.60	1.70
5	1.80	0.55	0.18	9.11	2.57	1.70
5	1.75	0.54	0.17	9.11	2.53	1.70
5	1.70	0.52	0.17	9.11	2.50	1.69
5	1.65	0.50	0.16	9.11	2.47	1.69
5	1.60	0.48	0.16	9.11	2.44	1.69
5	1.55	0.47	0.15	9.11	2.41	1.69
5	1.50	0.45	0.15	9.11	2.38	1.68
5	1.45	0.43	0.14	9.11	2.35	1.68
5	1.40	0.42	0.14	9.11	2.32	1.68
5	1.35	0.40	0.13	9.11	2.30	1.67
5	1.30	0.38	0.13	9.11	2.27	1.67
5	1.25	0.37	0.12	9.11	2.25	1.67
5	1.20	0.35	0.12	9.11	2.22	1.67
5	1.15	0.34	0.11	9.11	2.20	1.66
5	1.10	0.32	0.11	9.11	2.17	1.66
5	1.05	0.30	0.10	9.11	2.15	1.66
5	1.00	0.29	0.10	9.11	2.13	1.66
5	1.00	0.29	0.10	9.11	2.13	1.66
5	0.95	0.27	0.09	9.11	2.11	1.65
5	0.90	0.26	0.09	9.11	2.08	1.65
5	0.85	0.24	0.08	9.11	2.06	1.65
5	0.80	0.23	0.08	9.11	2.04	1.65
5	0.75	0.21	0.07	9.11	2.02	1.64
5	0.70	0.20	0.07	9.11	2.00	1.64

5	0.65	0.18	0.06	9.11	1.98	1.64
5	0.60	0.17	0.06	9.11	1.96	1.64
5	0.55	0.15	0.05	9.11	1.94	1.63
5	0.50	0.14	0.05	9.11	1.92	1.63
5	0.45	0.13	0.04	9.11	1.90	1.63
5	0.40	0.11	0.04	9.11	1.88	1.63
5	0.35	0.10	0.03	9.11	1.86	1.62
5	0.30	0.08	0.03	9.11	1.84	1.62
5	0.25	0.07	0.02	9.11	1.83	1.62
5	0.20	0.05	0.02	9.11	1.81	1.62
5	0.15	0.04	0.01	9.11	1.79	1.61
5	0.10	0.03	0.01	9.11	1.77	1.61
5	0.05	0.01	0.00	9.11	1.75	1.61
5	0.00	0.00	0.00	9.11	1.74	1.61

***** Stresses *****

***** Pore Pressures *****

Material	XI	Total	Effective	Total	Static	Excess
5	2.43	0.00	0.00	0.00	0.00	0.00
5	2.38	3.60	0.38	3.22	3.07	0.15
5	2.33	7.10	0.73	6.37	6.04	0.32
5	2.29	10.51	1.07	9.44	8.92	0.52
5	2.24	13.83	1.38	12.45	11.71	0.73
5	2.20	17.07	1.68	15.39	14.43	0.96
5	2.16	20.23	1.95	18.28	17.06	1.22
5	2.11	23.32	2.21	21.12	19.63	1.49
5	2.07	26.35	2.45	23.90	22.13	1.78
5	2.04	29.32	2.67	26.65	24.56	2.08

5	2.00	32.23	2.87	29.35	26.95	2.41
5	1.96	35.08	3.06	32.02	29.27	2.75
5	1.92	37.89	3.24	34.65	31.55	3.10
5	1.89	40.65	3.40	37.25	33.79	3.47
5	1.85	43.37	3.55	39.83	35.98	3.85
5	1.82	46.06	3.68	42.37	38.14	4.24
5	1.78	48.71	3.81	44.90	40.26	4.64
5	1.75	51.32	3.92	47.40	42.35	5.05
5	1.72	53.91	4.03	49.88	44.41	5.48
5	1.69	56.47	4.12	52.35	46.44	5.91
5	1.65	59.01	4.21	54.80	48.45	6.35
5	1.65	59.01	4.21	54.80	48.45	6.35
5	1.62	61.52	4.30	57.23	50.44	6.79
5	1.59	64.02	4.38	59.64	52.40	7.24
5	1.56	66.49	4.45	62.04	54.34	7.69
5	1.53	68.94	4.52	64.42	56.27	8.16
5	1.50	71.37	4.58	66.80	58.17	8.62
5	1.47	73.79	4.63	69.16	60.07	9.10
5	1.44	76.20	4.68	71.52	61.94	9.57
5	1.41	78.59	4.73	73.87	63.81	10.06
5	1.38	80.97	4.77	76.21	65.66	10.54
5	1.35	83.35	4.81	78.54	67.51	11.03
5	1.32	85.71	4.84	80.87	69.34	11.53
5	1.29	88.06	4.87	83.19	71.16	12.03
5	1.26	90.41	4.90	85.51	72.98	12.53
5	1.23	92.74	4.93	87.82	74.79	13.03
5	1.20	95.08	4.95	90.13	76.60	13.53

5	1.17	97.40	4.97	92.43	78.39	14.04
5	1.14	99.72	4.99	94.73	80.19	14.55
5	1.12	102.04	5.51	96.53	81.97	14.56
5	1.09	104.35	7.14	97.21	83.76	13.45
5	1.06	106.65	9.27	97.39	85.53	11.86
5	1.06	106.65	9.27	97.39	85.53	11.86
5	1.03	108.91	11.39	97.52	87.26	10.26
5	1.00	111.09	12.61	98.47	88.91	9.56
5	0.98	113.19	13.58	99.61	90.49	9.13
5	0.95	115.25	14.38	100.87	92.01	8.86
5	0.93	117.25	15.06	102.20	93.49	8.70
5	0.91	119.22	15.65	103.58	94.93	8.64
5	0.89	121.16	16.17	104.99	96.34	8.65
5	0.86	123.06	16.64	106.43	97.72	8.71
5	0.84	124.94	17.06	107.88	99.07	8.82
5	0.82	126.79	17.44	109.35	100.39	8.96
5	0.80	128.62	17.80	110.82	101.69	9.13
5	0.78	130.43	18.12	112.30	102.97	9.33
5	0.76	132.22	18.43	113.79	104.23	9.56
5	0.74	133.99	18.71	115.28	105.47	9.80
5	0.72	135.74	18.98	116.76	106.70	10.06
5	0.70	137.48	19.23	118.25	107.91	10.34
5	0.68	139.20	19.46	119.74	109.10	10.63
5	0.66	140.91	19.69	121.22	110.28	10.94
5	0.64	142.60	19.90	122.70	111.45	11.25
5	0.62	144.28	20.10	124.18	112.60	11.58
5	0.62	144.28	20.10	124.18	112.60	11.58

5	0.61	145.95	20.30	125.65	113.75	11.91
5	0.59	147.61	20.50	127.11	114.87	12.24
5	0.57	149.26	20.68	128.57	115.99	12.58
5	0.55	150.89	20.86	130.03	117.10	12.93
5	0.54	152.52	21.03	131.48	118.19	13.29
5	0.52	154.13	21.20	132.93	119.28	13.65
5	0.50	155.73	21.36	134.38	120.36	14.02
5	0.48	157.33	21.51	135.82	121.42	14.39
5	0.47	158.91	21.66	137.25	122.48	14.77
5	0.45	160.49	21.80	138.68	123.52	15.16
5	0.43	162.05	21.94	140.11	124.56	15.55
5	0.42	163.61	22.08	141.53	125.59	15.94
5	0.40	165.16	22.21	142.95	126.61	16.33
5	0.38	166.70	22.34	144.36	127.63	16.73
5	0.37	168.24	22.47	145.77	128.63	17.13
5	0.35	169.76	22.59	147.17	129.63	17.54
5	0.34	171.28	22.71	148.57	130.62	17.95
5	0.32	172.79	22.83	149.96	131.61	18.36
5	0.30	174.30	22.94	151.35	132.58	18.77
5	0.29	175.79	23.06	152.74	133.55	19.19
5	0.29	175.79	23.06	152.74	133.55	19.19
5	0.27	177.28	23.17	154.12	134.51	19.60
5	0.26	178.77	23.28	155.49	135.47	20.02
5	0.24	180.24	23.39	156.86	136.42	20.44
5	0.23	181.71	23.49	158.22	137.36	20.86
5	0.21	183.18	23.60	159.58	138.29	21.28
5	0.20	184.63	23.70	160.93	139.22	21.71

5	0.18	186.08	23.80	162.28	140.15	22.14
5	0.17	187.53	23.90	163.63	141.06	22.56
5	0.15	188.97	24.00	164.97	141.97	22.99
5	0.14	190.40	24.10	166.30	142.88	23.42
5	0.13	191.82	24.19	167.63	143.77	23.86
5	0.11	193.25	24.29	168.96	144.67	24.29
5	0.10	194.66	24.38	170.28	145.55	24.72
5	0.08	196.07	24.48	171.59	146.43	25.16
5	0.07	197.47	24.57	172.90	147.31	25.60
5	0.05	198.87	24.66	174.21	148.18	26.03
5	0.04	200.26	24.75	175.51	149.04	26.47
5	0.03	201.65	24.84	176.81	149.90	26.91
5	0.01	203.03	24.93	178.10	150.75	27.35
5	0.00	204.40	25.41	178.99	151.60	27.39

Time = 7300. Degree of Consolidation = 84.%

Total Settlement = 2.570

Settlement at End of Primary Consolidation = 3.066

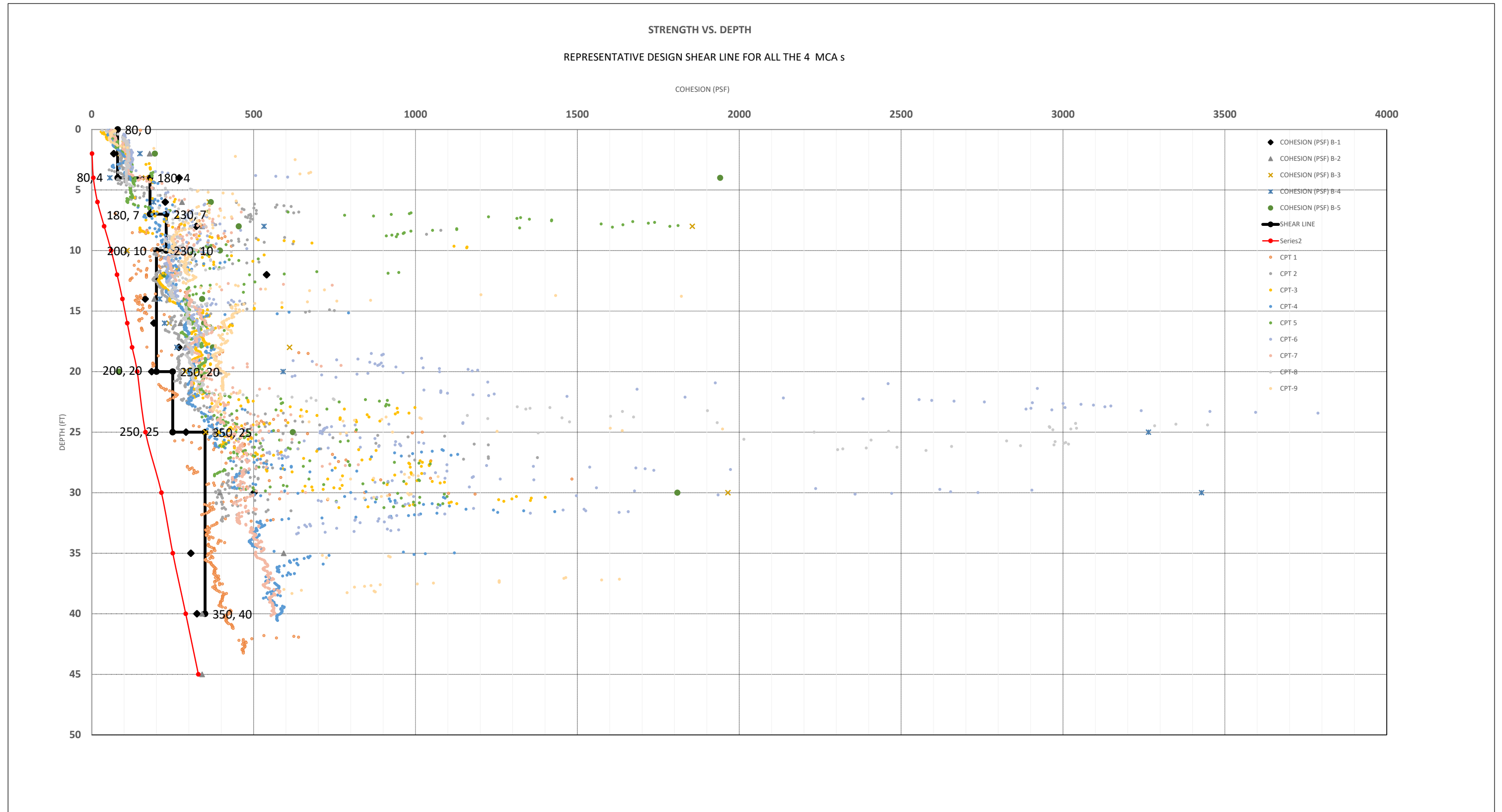
Settlement caused by Primary Consolidation at time 7300. = 2.570

Settlement caused by Secondary Compression at time 7300. = 0.000

Settlement Due to Desiccation = 0.000

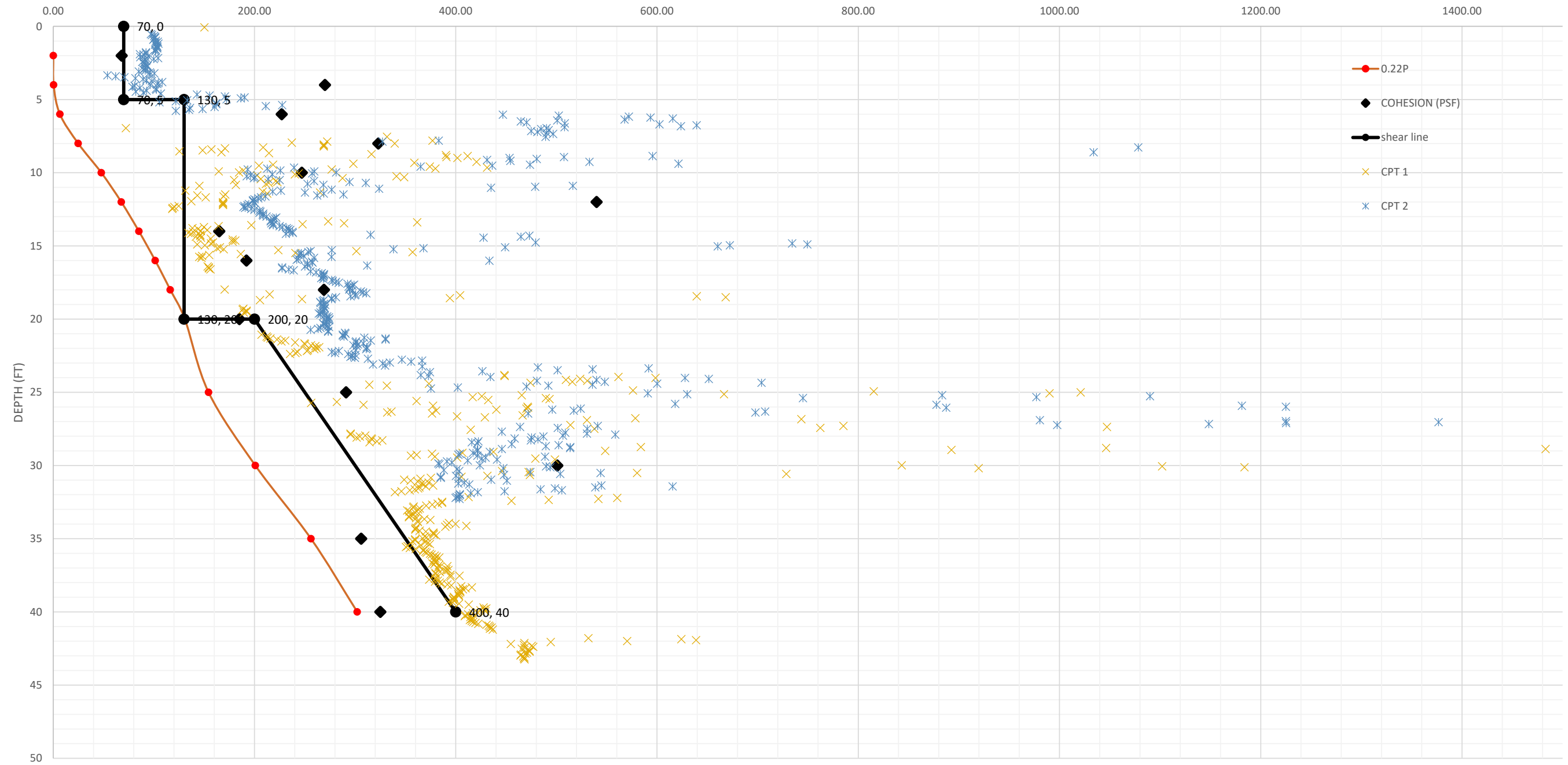
Surface Elevation = 1.57

APPENDIX - B
SLOPE STABILITY ANALYSIS

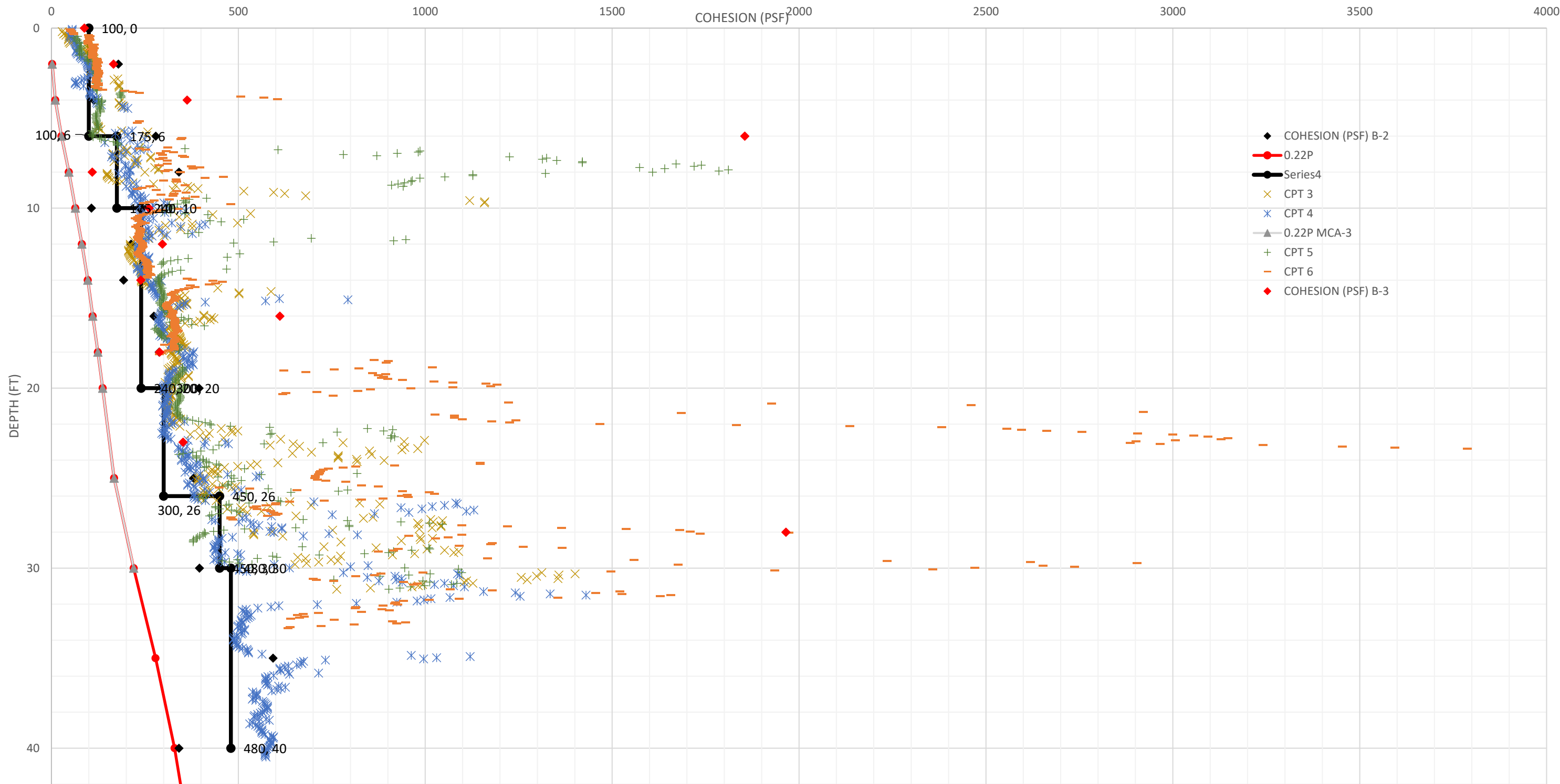


STRENGTH VS. DEPTH

COHESION (PSF)

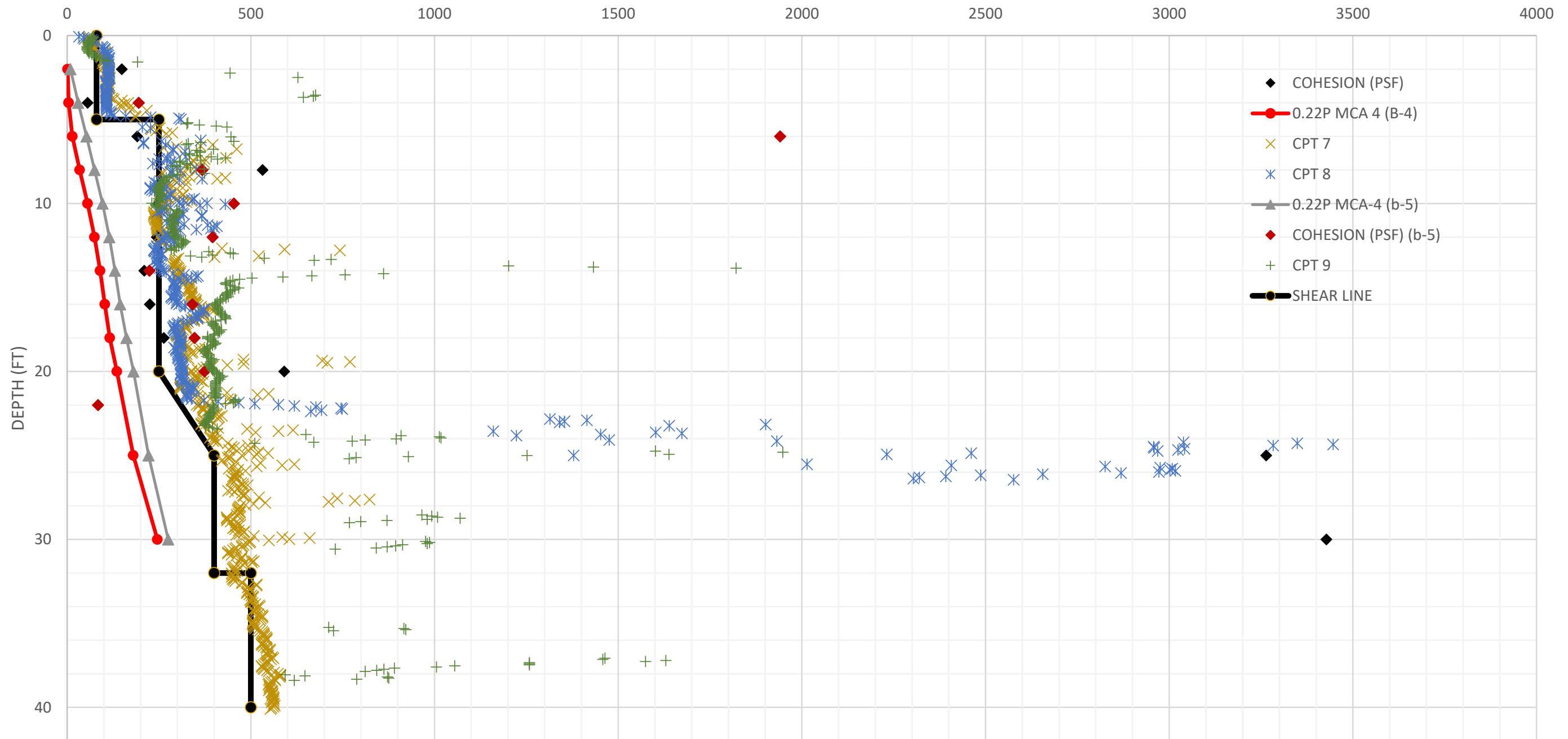


STRENGTH VS. DEPTH

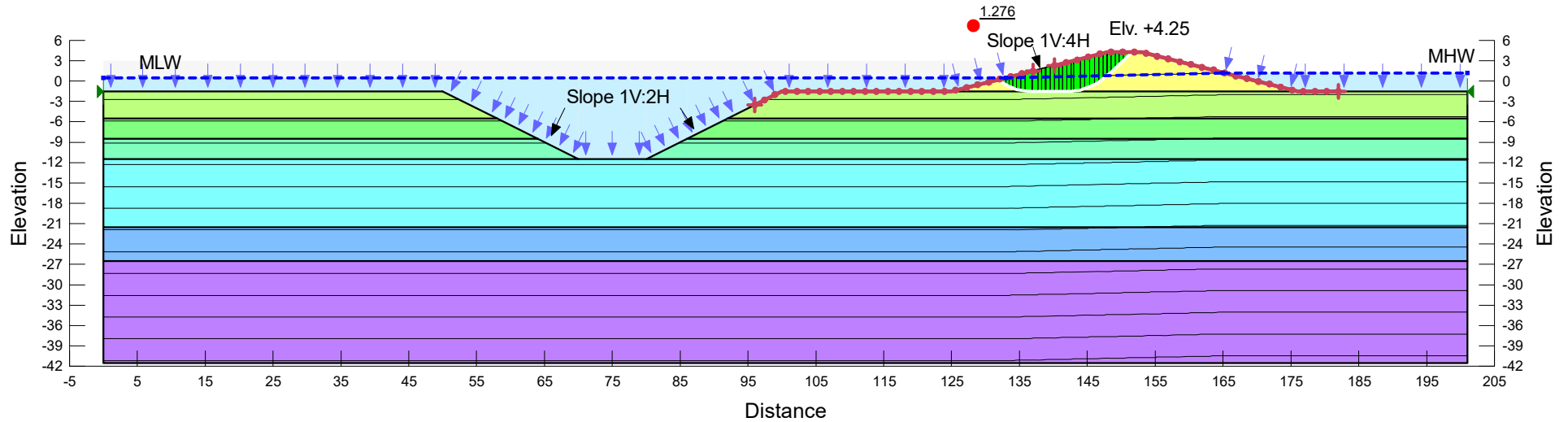


STRENGTH VS. DEPTH

COHESION (PSF)

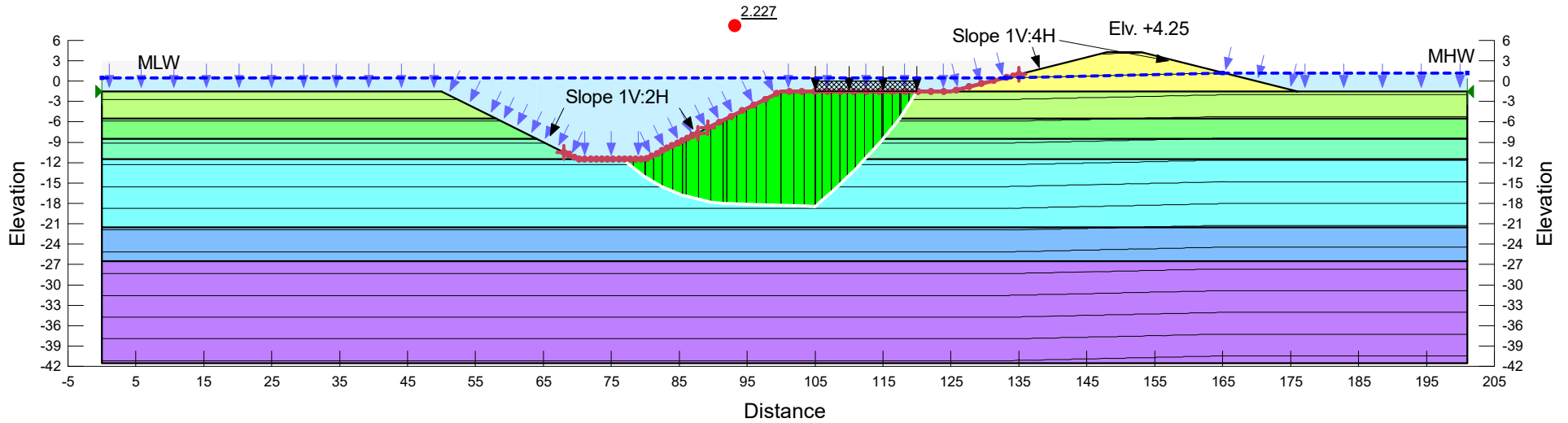


MCA - 1(ECD) Case A-1



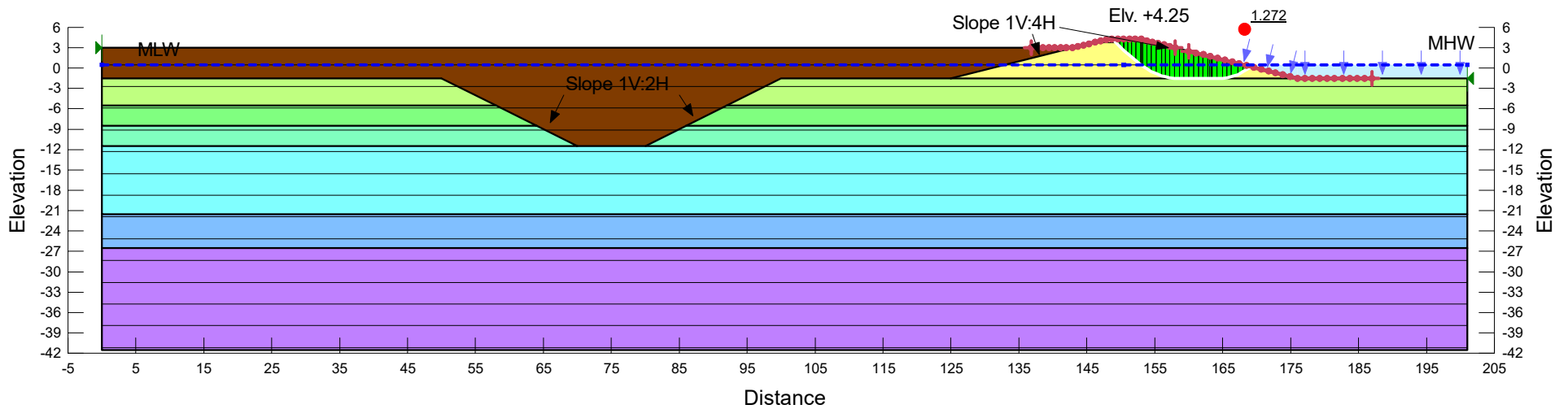
Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line
Light Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1
Light Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1
Purple	CH/CL6th	Undrained (Phi=0)	100	350	1
Yellow	OH/CH fill	Undrained (Phi=0)	80	50	1
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1

MCA - 1(ECD) Case A-2



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line
Light Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1
Light Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1
Purple	CH/CL 6th	Undrained (Phi=0)	100	350	1
Yellow	OH/CH fill	Undrained (Phi=0)	80	50	1
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1

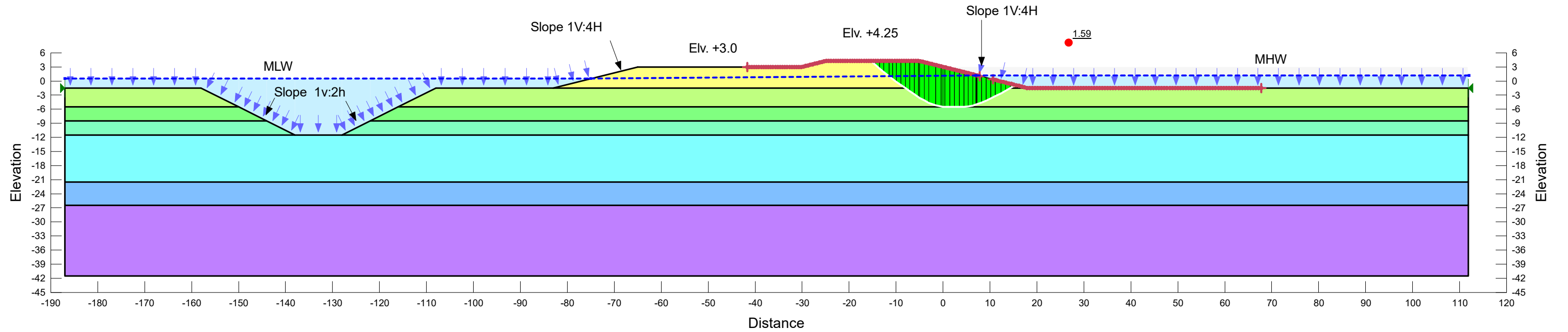
MCA - 1(ECD) Case B



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	Cohesion' (psf)	Phi' (°)	Phi-B (°)
Light Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
Light Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1			
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1			
Purple	CH/CL6th	Undrained (Phi=0)	100	350	1			
Brown	Marsh Fill	Mohr-Coulomb	80		1	50	0	0
Yellow	OH/CH fill	Undrained (Phi=0)	80	50	1			
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1			

MCA - 1(Lake Dike)

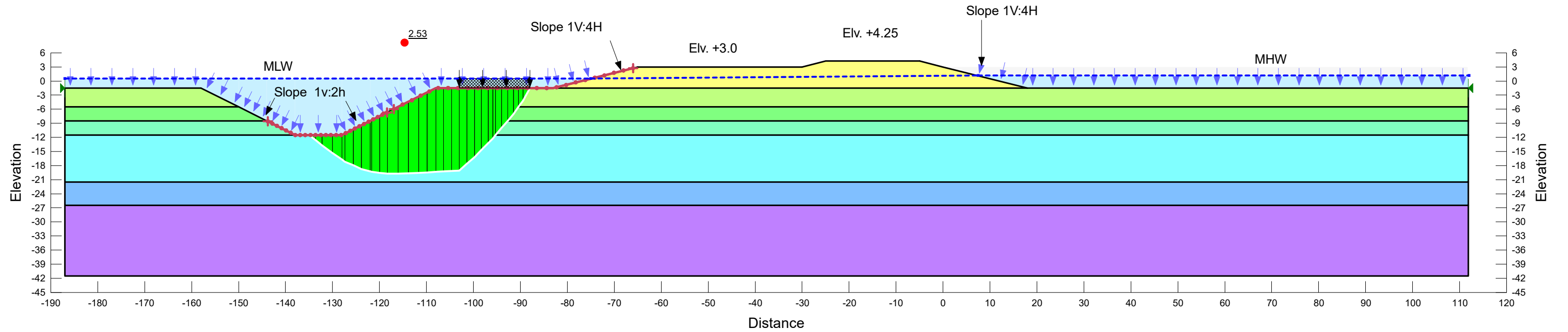
Case A-1



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	1st layer	Undrained (Phi=0)	65	80	1			
Green	2nd	Undrained (Phi=0)	90	180	1			
Light Green	3rd	Undrained (Phi=0)	100	230	1			
Cyan	4th	Undrained (Phi=0)	90	200	1			
Blue	5th	Undrained (Phi=0)	90	250	1			
Purple	6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80

MCA - 1(Lake Dike)

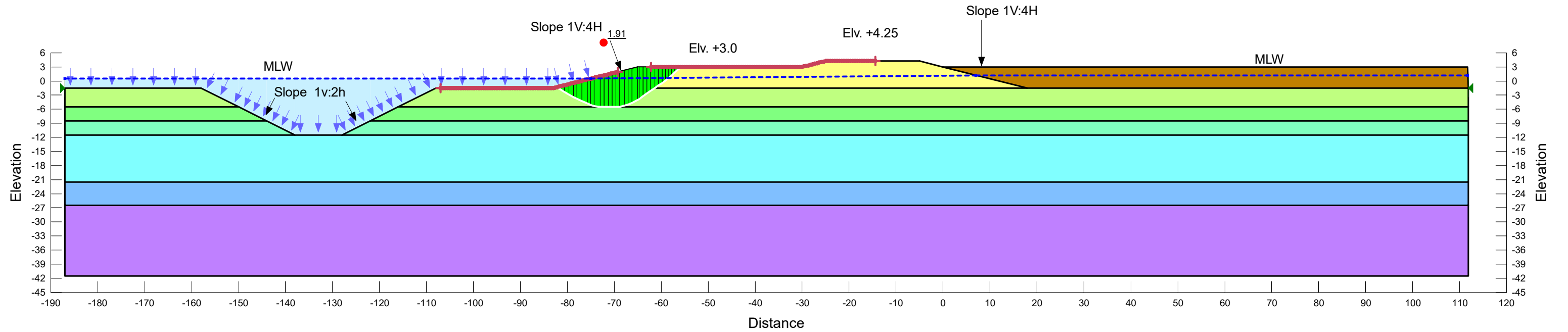
Case A-2



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	1st layer	Undrained (Phi=0)	65	80	1			
Medium Green	2nd	Undrained (Phi=0)	90	180	1			
Light Cyan	3rd	Undrained (Phi=0)	100	230	1			
Cyan	4th	Undrained (Phi=0)	90	200	1			
Blue	5th	Undrained (Phi=0)	90	250	1			
Purple	6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80

MCA - 1(Lake Dike)

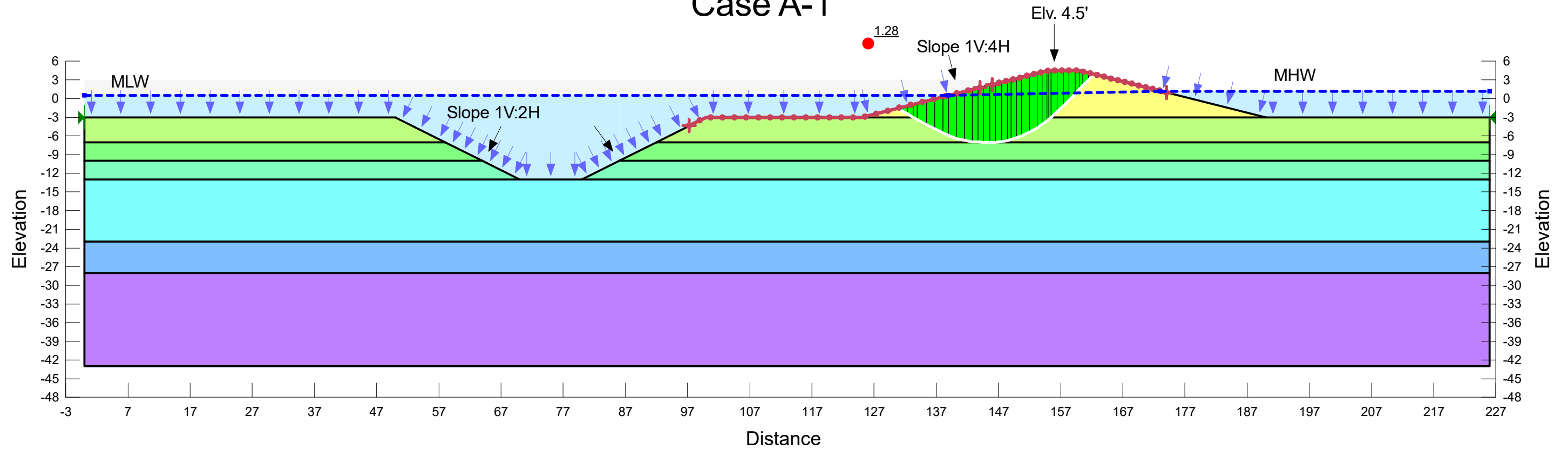
Case B



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	1st layer	Undrained (Phi=0)	65	80	1			
Green	2nd	Undrained (Phi=0)	90	180	1			
Cyan	3rd	Undrained (Phi=0)	100	230	1			
Light Blue	4th	Undrained (Phi=0)	90	200	1			
Blue	5th	Undrained (Phi=0)	90	250	1			
Purple	6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80
Brown	Marsh Fill	Undrained (Phi=0)	80	50	1			

MCA - 2 & 3 (ECD)

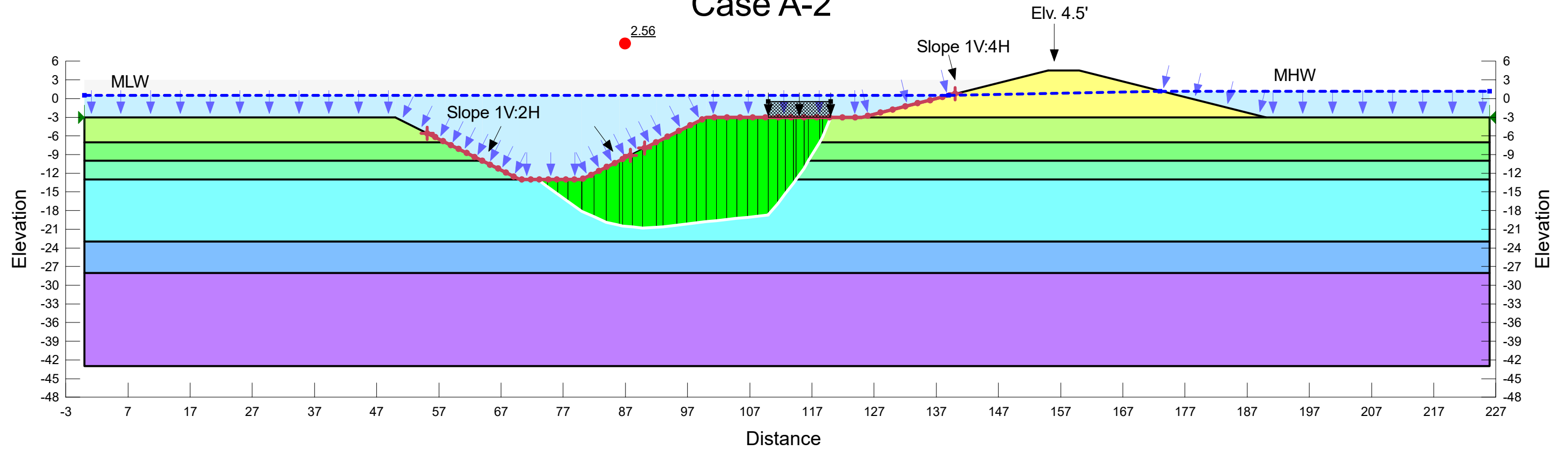
Case A-1



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
Light Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1			
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1			
Purple	CH/CL 6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1			

MCA - 2 & 3 (ECD)

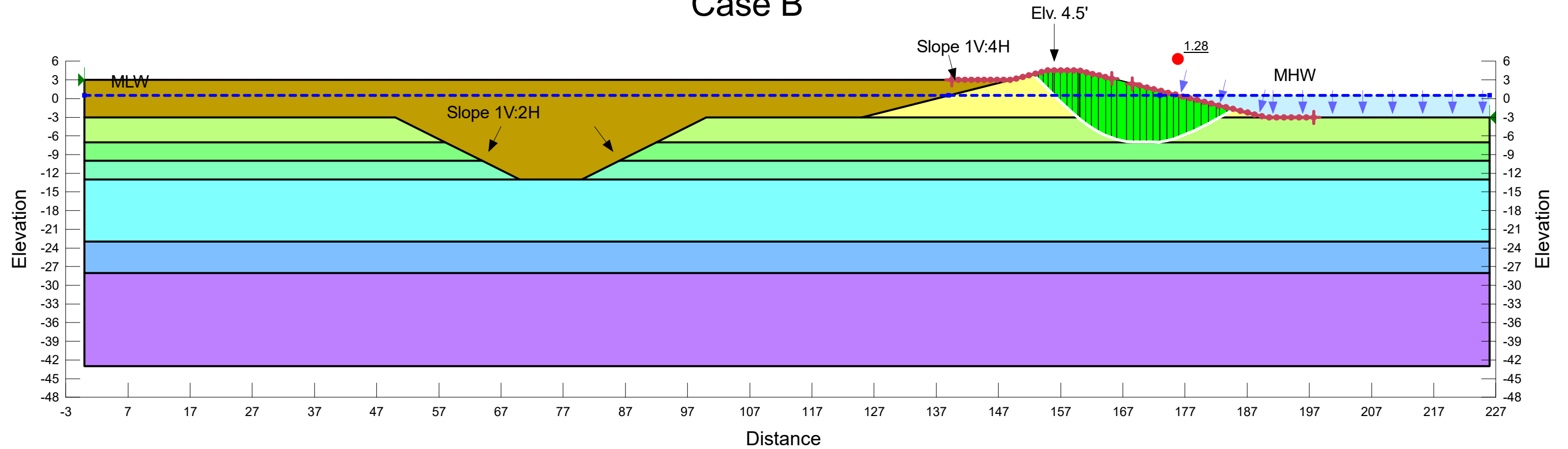
Case A-2



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1			
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1			
Purple	CH/CL 6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1			

MCA - 2 & 3 (ECD)

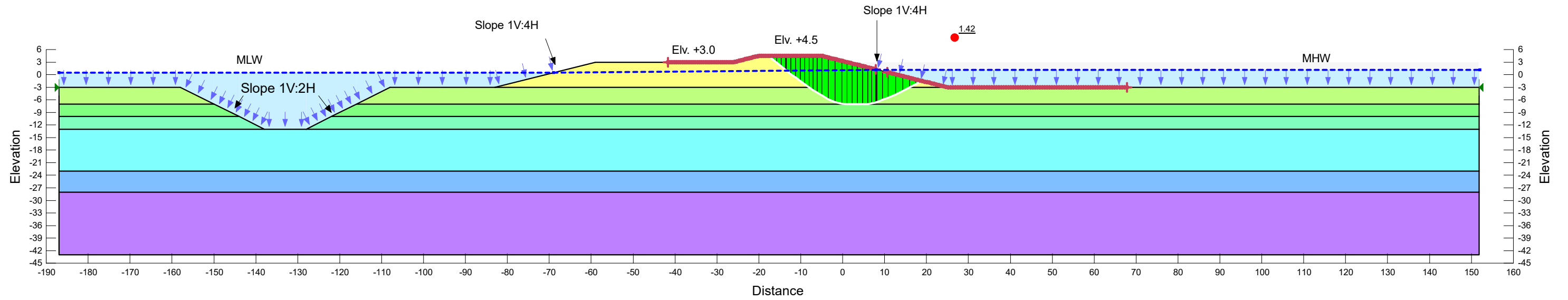
Case B



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
Light Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1			
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1			
Purple	CH/CL 6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80
Brown	marsh fill	Undrained (Phi=0)	95	50	1			
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1			

MCA - 2 & 3 (Lake Dike)

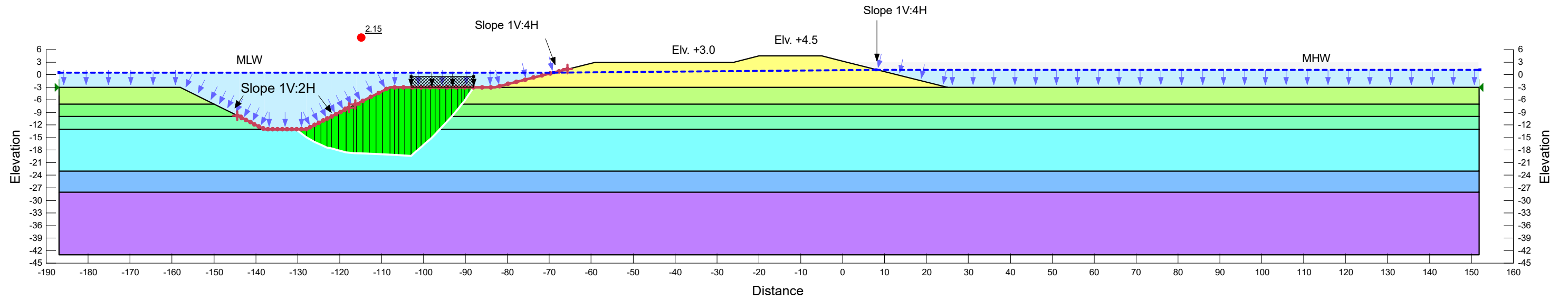
Case A-1



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
Light Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1			
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1			
Purple	CH/CL 6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1			

MCA - 2 & 3 (Lake Dike)

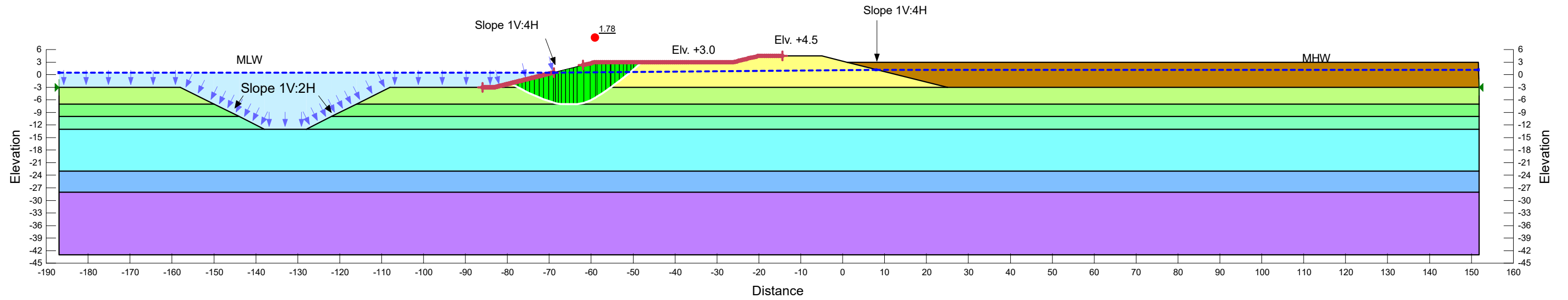
Case A-2



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
	CH/CL 4th	Undrained (Phi=0)	90	200	1			
	CH/CL 5th	Undrained (Phi=0)	90	250	1			
	CH/CL 6th	Undrained (Phi=0)	100	350	1			
	fill	S=f(depth)	80		1	50	4.4	80
	PT/OH 1st	Undrained (Phi=0)	65	80	1			

MCA - 2 & 3 (Lake Dike)

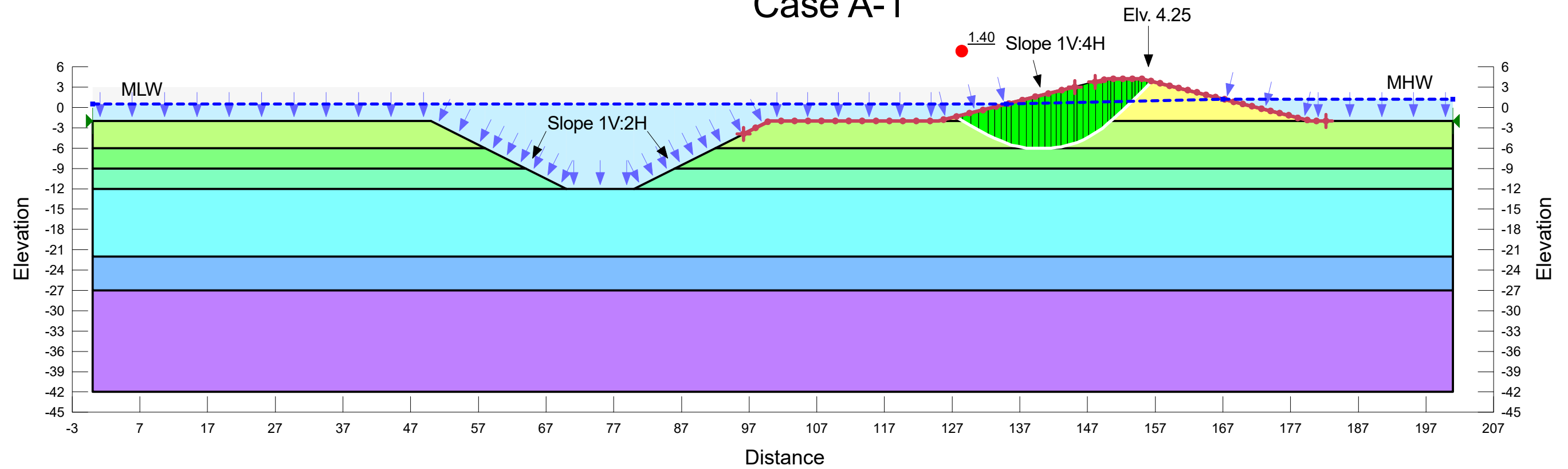
Case B



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
Medium Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1			
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1			
Purple	CH/CL 6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80
Brown	Marsh Fill	Undrained (Phi=0)	80	50	1			
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1			

MCA - 4(ECD)

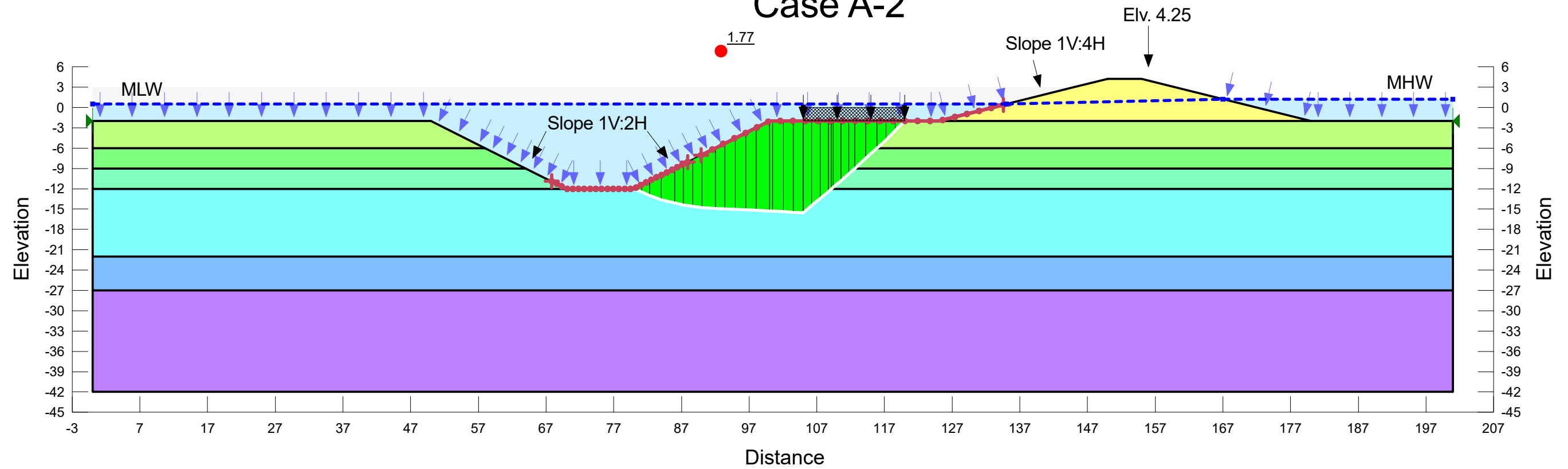
Case A-1



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1			
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1			
Purple	CH/CL 6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1			

MCA - 4(ECD)

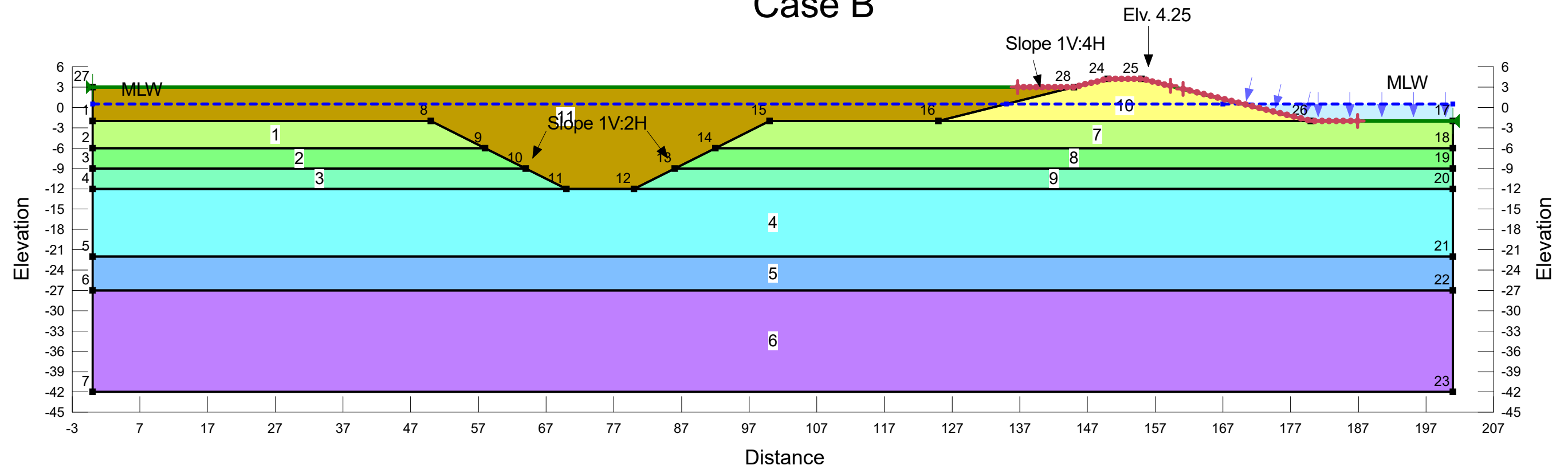
Case A-2











Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
Light Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1			
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1			
Purple	CH/CL 6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1			

MCA - 4(ECD)

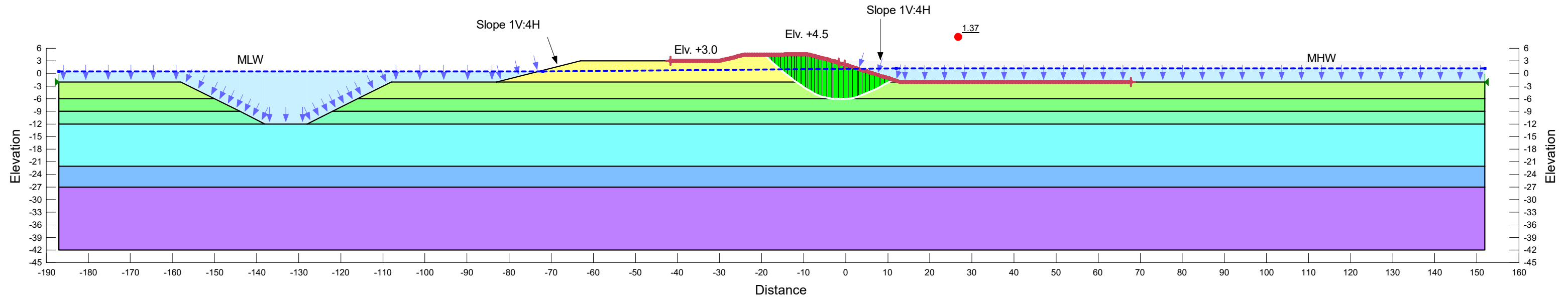
Case B



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
	CH/CL 4th	Undrained (Phi=0)	90	200	1			
	CH/CL 5th	Undrained (Phi=0)	90	250	1			
	CH/CL 6th	Undrained (Phi=0)	100	350	1			
	fill	S=f(depth)	80		1	50	4.4	80
	marsh fill	Undrained (Phi=0)	95	50	1			
	PT/OH 1st	Undrained (Phi=0)	65	80	1			

MCA - 4(Lake Dike)

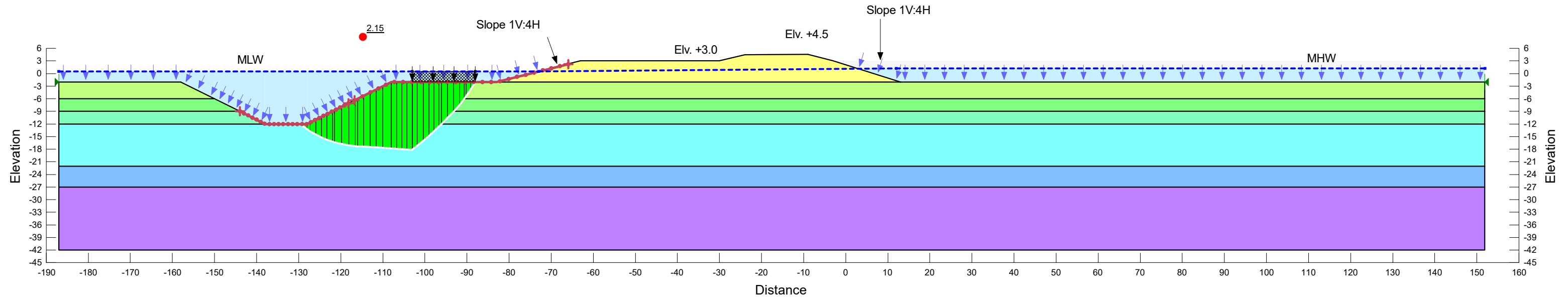
Case A-1



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	1st layer	Undrained (Phi=0)	65	80	1			
Green	2nd	Undrained (Phi=0)	90	180	1			
Light Green	3rd	Undrained (Phi=0)	100	230	1			
Cyan	4th	Undrained (Phi=0)	90	200	1			
Blue	5th	Undrained (Phi=0)	90	250	1			
Purple	6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80

MCA - 4(Lake Dike)

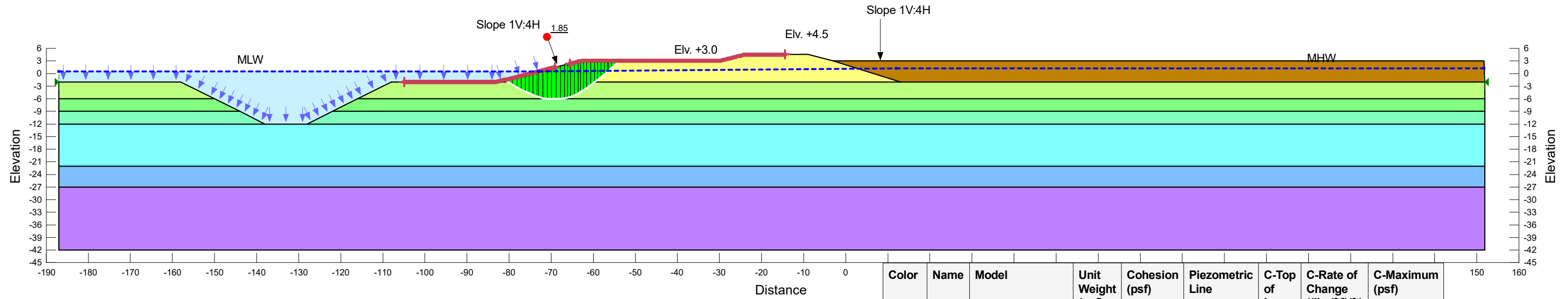
Case A-2



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	1st layer	Undrained (Phi=0)	65	80	1			
	2nd	Undrained (Phi=0)	90	180	1			
	3rd	Undrained (Phi=0)	100	230	1			
	4th	Undrained (Phi=0)	90	200	1			
	5th	Undrained (Phi=0)	90	250	1			
	6th	Undrained (Phi=0)	100	350	1			
	fill	S=f(depth)	80		1	50	4.4	80

MCA - 4(Lake Dike)

Case B

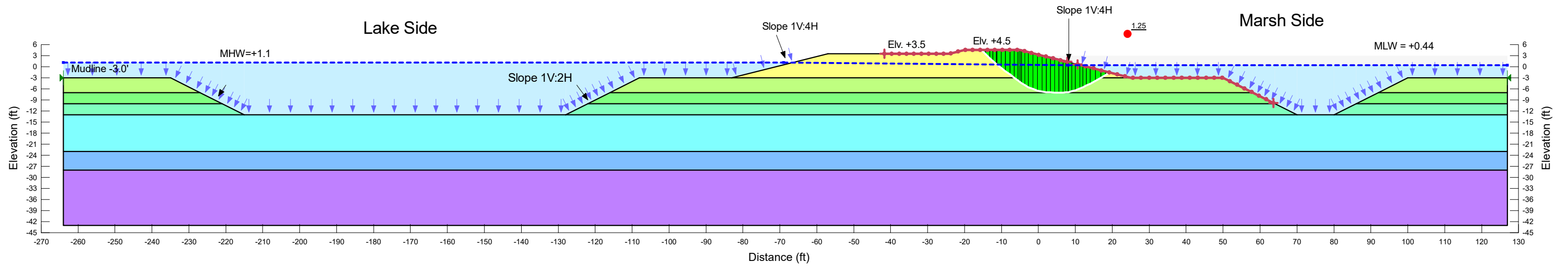


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	1st layer	Undrained (Phi=0)	65	80	1			
	2nd	Undrained (Phi=0)	90	180	1			
	3rd	Undrained (Phi=0)	100	230	1			
	4th	Undrained (Phi=0)	90	200	1			
	5th	Undrained (Phi=0)	90	250	1			
	6th	Undrained (Phi=0)	100	350	1			
	fill	S=f(depth)	80		1	50	4.4	80
	Marsh Fill	Undrained (Phi=0)	80	50	1			

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (representative of all MCAs)

Case A-1 (MHW on Lake Side)

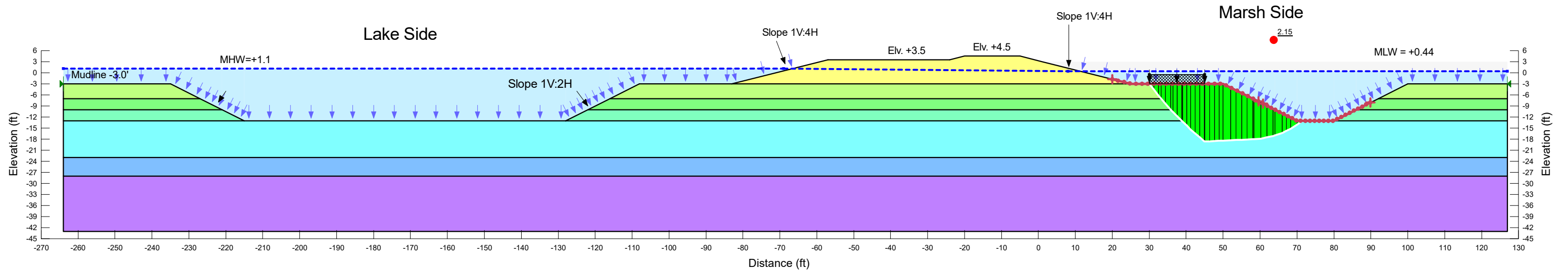


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
	CH/CL 4th	Undrained (Phi=0)	90	200	1			
	CH/CL 5th	Undrained (Phi=0)	90	250	1			
	CH/CL 6th	Undrained (Phi=0)	100	350	1			
	fill	S=f(depth)	80		1	50	4.4	80
	PT/OH 1st	Undrained (Phi=0)	65	80	1			

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (representative of all MCAs)

Case A-2 (MHW on Lake Side)

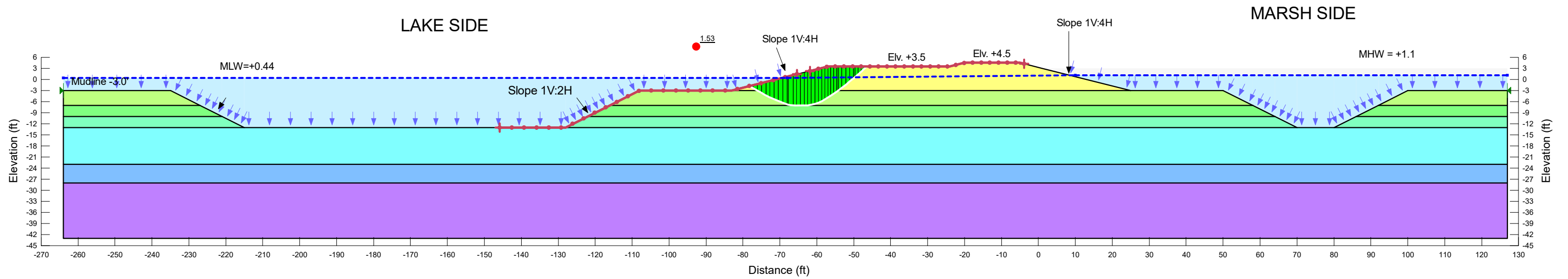


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
	CH/CL 4th	Undrained (Phi=0)	90	200	1			
	CH/CL 5th	Undrained (Phi=0)	90	250	1			
	CH/CL 6th	Undrained (Phi=0)	100	350	1			
	fill	S=f(depth)	80		1	50	4.4	80
	PT/OH 1st	Undrained (Phi=0)	65	80	1			

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (representative of all MCAs)

Case A-1 (MHW on Marsh Side)

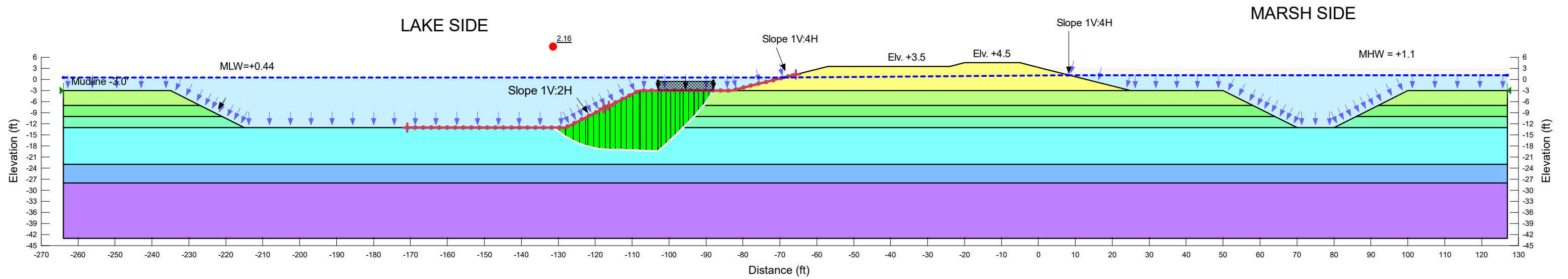


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
Light Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1			
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1			
Purple	CH/CL 6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1			

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (representative of all MCAs)

Case A-2 (MHW on Marsh Side)

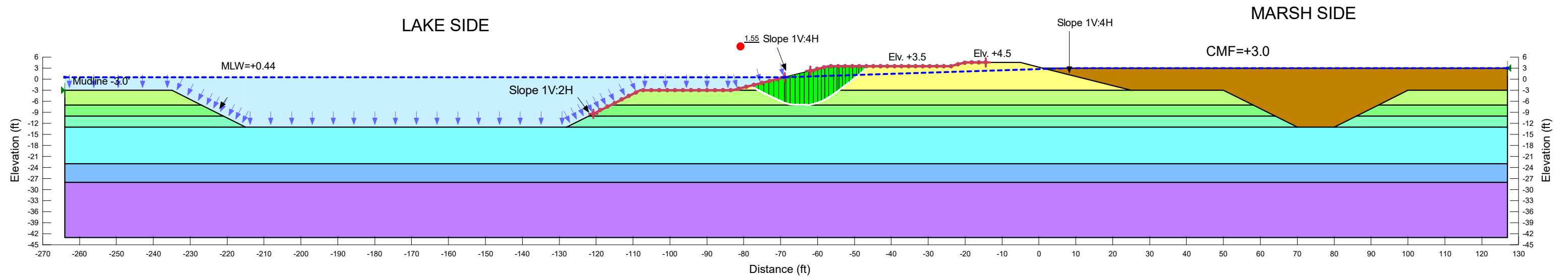


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Green	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
Light Green	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	200	1			
Blue	CH/CL 5th	Undrained (Phi=0)	90	250	1			
Purple	CH/CL 6th	Undrained (Phi=0)	100	350	1			
Yellow	fill	S=f(depth)	80		1	50	4.4	80
Light Green	PT/OH 1st	Undrained (Phi=0)	65	80	1			

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (representative of all MCAs)

Case B

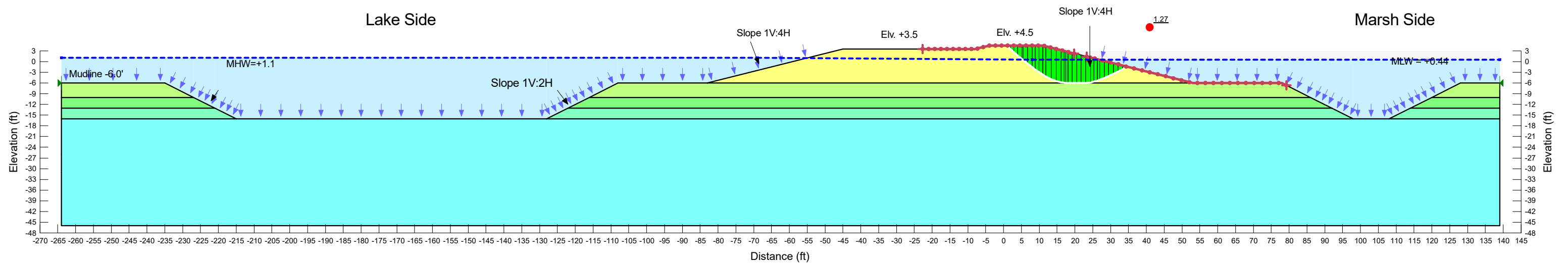


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	CH/CL 2nd	Undrained (Phi=0)	90	180	1			
	CH/CL 3rd	Undrained (Phi=0)	100	230	1			
	CH/CL 4th	Undrained (Phi=0)	90	200	1			
	CH/CL 5th	Undrained (Phi=0)	90	250	1			
	CH/CL 6th	Undrained (Phi=0)	100	350	1			
	fill	S=f(depth)	80		1	50	4.4	80
	Marsh Fill	Undrained (Phi=0)	80	50	1			
	PT/OH 1st	Undrained (Phi=0)	65	80	1			

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (MCA 2 Mudline -6.0')

Case A-1 (MHW on Lake Side)

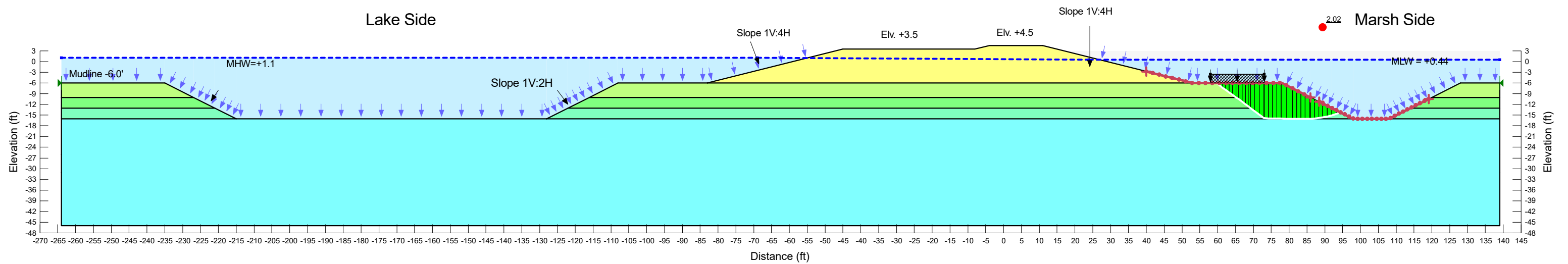


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	CH/CL 1st	Undrained (Phi=0)	90	130	1			
	CH/CL 2nd	Undrained (Phi=0)	90	200	1			
	CH/CL 3rd	Undrained (Phi=0)	100	200	1			
	CH/CL 4th	S=f(depth)	90		1	300	15	560
	fill	S=f(depth)	80		1	50	4.4	80

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (MCA 2 Mudline -6.0')

Case A-2 (MHW on Lake Side)

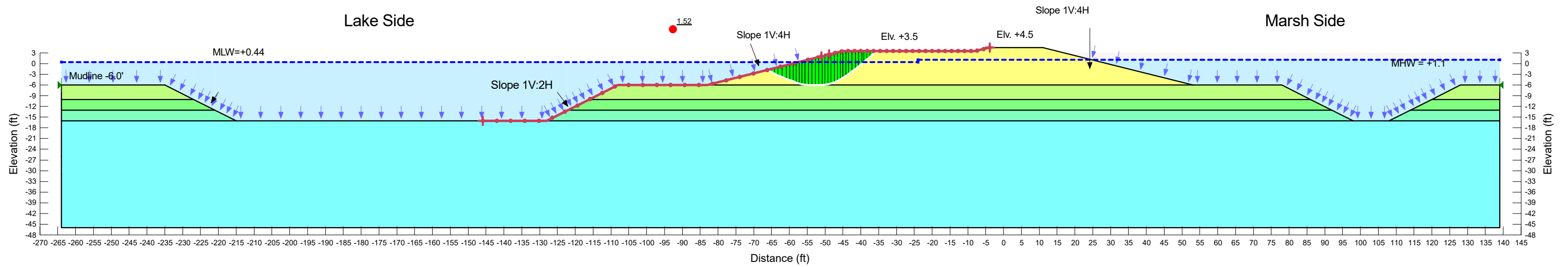


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	CH/CL 1st	Undrained (Phi=0)	90	130	1			
	CH/CL 2nd	Undrained (Phi=0)	90	200	1			
	CH/CL 3rd	Undrained (Phi=0)	100	200	1			
	CH/CL 4th	S=f(depth)	90		1	300	15	560
	fill	S=f(depth)	80		1	50	4.4	80

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (MCA 2 Mudline -6.0')

Case A-1 (MHW on Marsh Side)

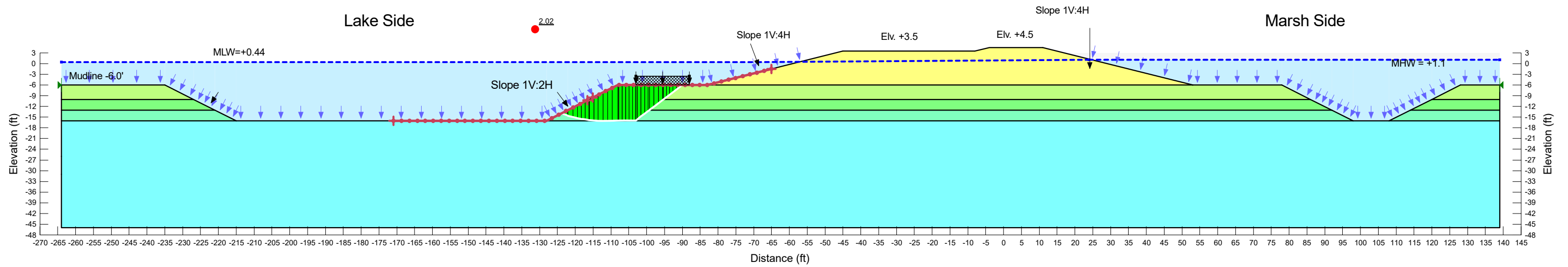


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	CH/CL 1st	Undrained (Phi=0)	90	130	1			
	CH/CL 2nd	Undrained (Phi=0)	90	200	1			
	CH/CL 3rd	Undrained (Phi=0)	100	200	1			
	CH/CL 4th	S=f(depth)	90		1	300	15	560
	fill	S=f(depth)	80		1	50	4.4	80

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (MCA 2 Mudline -6.0')

Case A-2 (MHW on Marsh Side)

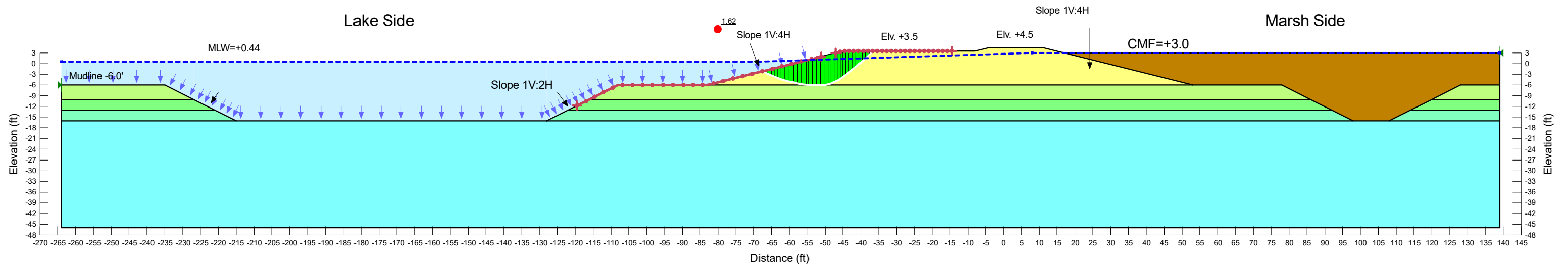


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	CH/CL 1st	Undrained (Phi=0)	90	130	1			
Green	CH/CL 2nd	Undrained (Phi=0)	90	200	1			
Light Green	CH/CL 3rd	Undrained (Phi=0)	100	200	1			
Cyan	CH/CL 4th	S=f(depth)	90		1	300	15	560
Yellow	fill	S=f(depth)	80		1	50	4.4	80

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (MCA 2 Mudline -6.0')

Case B

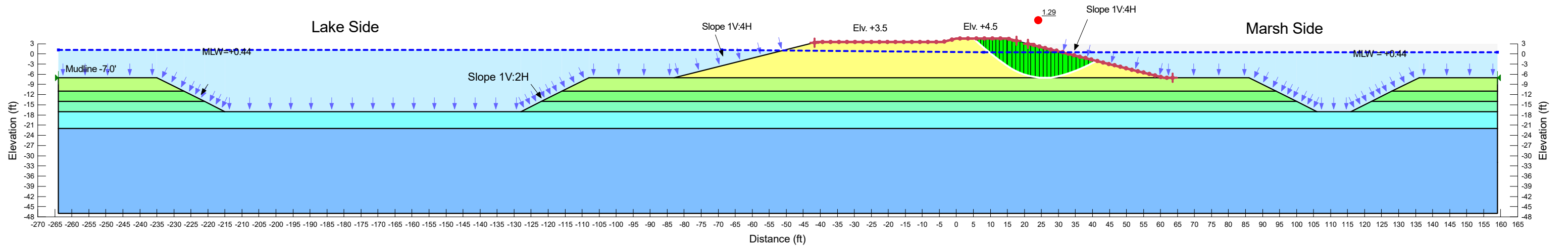


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ² /ft)	C-Maximum (psf)
	CH/CL 1st	Undrained (Phi=0)	90	130	1			
	CH/CL 2nd	Undrained (Phi=0)	90	200	1			
	CH/CL 3rd	Undrained (Phi=0)	100	200	1			
	CH/CL 4th	S=f(depth)	90		1	300	15	560
	fill	S=f(depth)	80		1	50	4.4	80
	Marsh Fill	Undrained (Phi=0)	80	50	1			

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (MCA 4 Mudline -7.0')

Case A-1 (MHW on Lake Side)

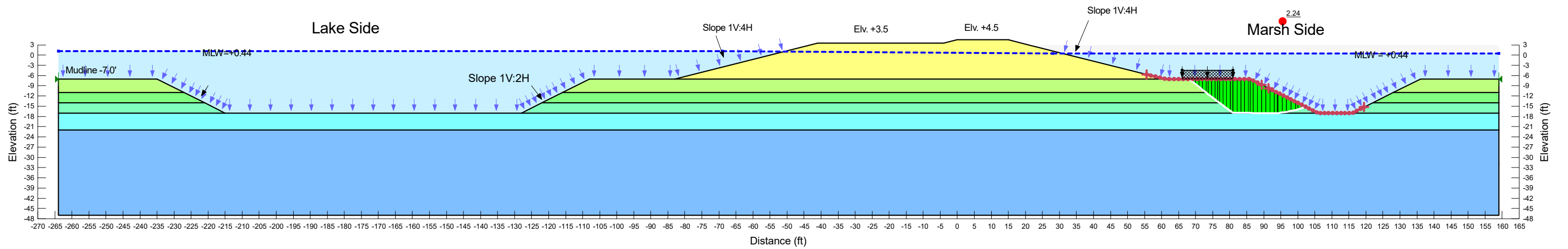


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	CH/CL 1st	Undrained (Phi=0)	90	210	1			
Green	CH/CL 2nd	Undrained (Phi=0)	90	210	1			
Light Green	CH/CL 3rd	Undrained (Phi=0)	100	210	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	270	1			
Blue	CH/CL 5th	S=f(depth)	90		1	270	14	550
Yellow	fill	S=f(depth)	80		1	50	4.4	100

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (MCA 4 Mudline -7.0')

Case A-2 (MHW on Lake Side)

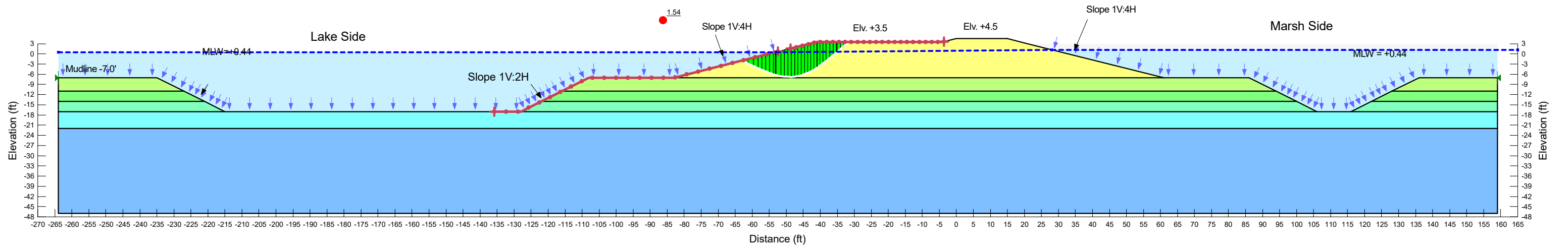


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	CH/CL 1st	Undrained (Phi=0)	90	210	1			
Green	CH/CL 2nd	Undrained (Phi=0)	90	210	1			
Light Green	CH/CL 3rd	Undrained (Phi=0)	100	210	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	270	1			
Blue	CH/CL 5th	S=f(depth)	90		1	270	14	550
Yellow	fill	S=f(depth)	80		1	50	4.4	100

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (MCA 4 Mudline -7.0')

Case A-1 (MHW on Marsh Side)

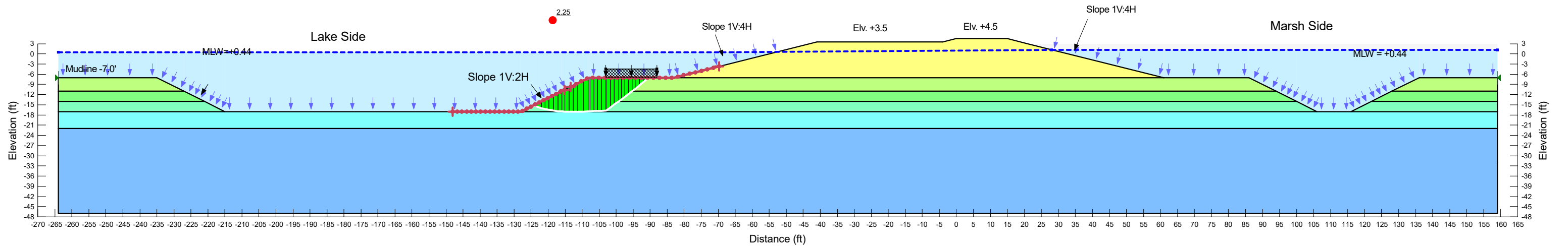


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
Light Green	CH/CL 1st	Undrained (Phi=0)	90	210	1			
Light Green	CH/CL 2nd	Undrained (Phi=0)	90	210	1			
Light Green	CH/CL 3rd	Undrained (Phi=0)	100	210	1			
Cyan	CH/CL 4th	Undrained (Phi=0)	90	270	1			
Blue	CH/CL 5th	S=f(depth)	90		1	270	14	550
Yellow	fill	S=f(depth)	80		1	50	4.4	100

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (MCA 4 Mudline -7.0')

Case A-2 (MHW on Marsh Side)

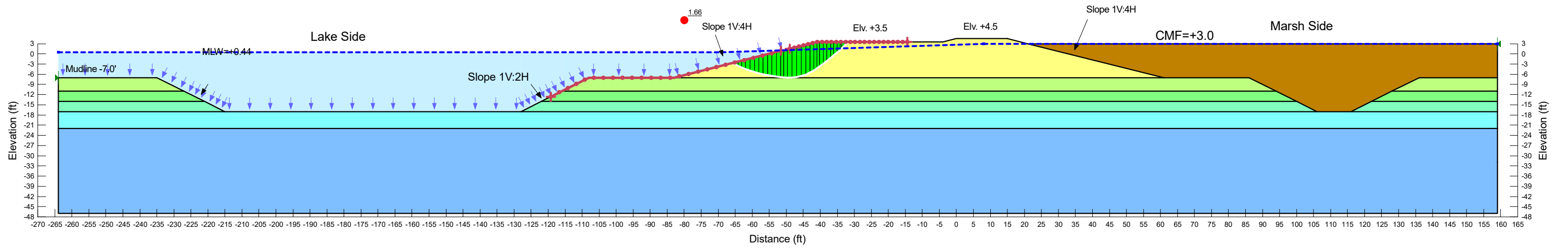


Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	CH/CL 1st	Undrained (Phi=0)	90	210	1			
	CH/CL 2nd	Undrained (Phi=0)	90	210	1			
	CH/CL 3rd	Undrained (Phi=0)	100	210	1			
	CH/CL 4th	Undrained (Phi=0)	90	270	1			
	CH/CL 5th	S=f(depth)	90		1	270	14	550
	fill	S=f(depth)	80		1	50	4.4	100

Breton Landbridge Marsh Creation (West) (BS-0038)

Lake Dike (MCA 4 Mudline -7.0')

Case B



Color	Name	Model	Unit Weight (pcf)	Cohesion (psf)	Piezometric Line	C-Top of Layer (psf)	C-Rate of Change ((lbs/ft ²)/ft)	C-Maximum (psf)
	CH/CL 1st	Undrained (Phi=0)	90	210	1			
	CH/CL 2nd	Undrained (Phi=0)	90	210	1			
	CH/CL 3rd	Undrained (Phi=0)	100	210	1			
	CH/CL 4th	Undrained (Phi=0)	90	270	1			
	CH/CL 5th	S=f(depth)	90		1	270	14	550
	fill	S=f(depth)	80		1	50	4.4	100
	Marsh Fill	Undrained (Phi=0)	80	50	1			

APPENDIX - C

SETTLEMENT ANALYSIS

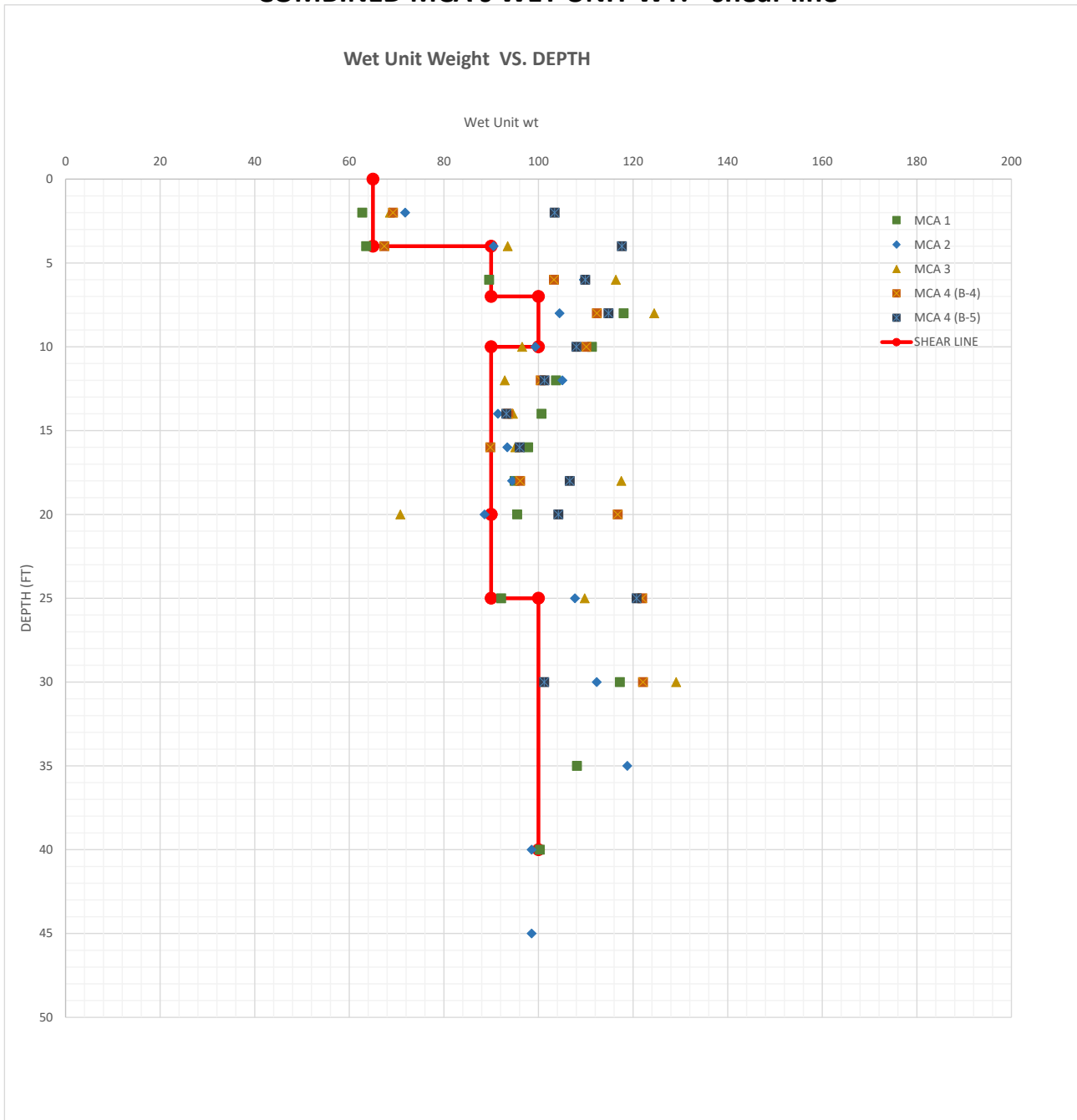
BRETON LANDBRIDGE MARSH CREATION - CONSOLIDATION AND SPECIFIC GRAVITY RESULTS SUMMARY														
Boring No.	Depth (ft)	Laboratory Classification	P_c^1 (psf)	C_c^2	C_r^3	e_o	Specific Gravity ⁴	w %	LL	PL	PI	γ_{wet} (pcf)	γ_{dry} (pcf)	UUC (psf)
B-1	0-2	Black Peat(PT)	280	4.60	0.66	10.70	1.21	879.10	980	682	298	63	6	68
B-1	4-6	Very Soft Gray Fat Clay (CH)	310	0.94	0.13	3.00	2.50	43.40	57	24	33	90	62	227
B-1	16-18	Soft Gray Fat Clay (CH)	650	0.42	0.06	1.90	2.62	96.80	115	33	82	95	48	269
B-3	0-2	Black Peat(PT)	210	5.76	0.82	12.50	1.84	475.70	533	127	406	69	12	88
B-3	10-12	Soft Gray Fat Clay (CH)	650	0.35	0.05	1.77	2.62	90.04	99	27	72	93	49	261
B-3	14-16	Very Soft Gray Fat Clay (CH)	350	0.15	0.02	1.74	2.58	84.70	114	32	82	95	51	239
B-5	0-2	Very Soft Gray Lean Clay (CH) -w/ peat and fine sand	310	0.77	0.11	2.05	2.48	44.30	40	18	22	103	71	195
B-5	14-16	Soft Gray Fat Clay (CH)	550	0.24	0.03	1.60	2.57	92.90	140	35	105	96	50	347
B-5	18-20	Very Soft Gray Fat Clay (CH)	580	0.17	0.02	0.90	2.56	64.70	87	26	61	104	63	84

NOTE:

1. Preconsolidation Pressure
2. Compression Index
3. Recompression Index
4. Measured as per ASTM D854

BRETON LAND BRIDGE MARSH CREATION (WEST)

COMBINED MCA's WET UNIT WT. - shear line



Settle3D Analysis Information

Breton Landbridge Marsh Creation

Project Settings

Document Name mca 1 ECD
 Project Title Breton Landbridge Marsh Creation
 Analysis MCA - 1 ECD
 Date Created 5/10/2021, 12:56:15 PM
 Stress Computation Method Boussinesq
 Time-dependent Consolidation Analysis
 Time Units years
 Permeability Units feet/year
 Minimum settlement ratio for subgrade modulus 0.9

Use average properties to calculate layered stresses

Improve consolidation accuracy

Ignore negative effective stresses in settlement calculations

Stage Settings

Stage #	Name	Time [years]
1	Stage 1	0
2	Stage 2	0.041
3	Stage 3	0.082
4	Stage 4	0.164
5	Stage 5	0.246
6	Stage 6	0.328
7	Stage 7	0.5
8	Stage 8	1
9	Stage 9	2
10	Stage 10	5

Results

Time taken to compute: 2.43769 seconds

Stage: Stage 1 = 0 y

Data Type	Minimum	Maximum
Total Settlement [in]	0	0
Total Consolidation Settlement [in]	0	0
Virgin Consolidation Settlement [in]	0	0
Recompression Consolidation Settlement [in]	0	0
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	-3.12442e-012	0.315194
Loading Stress XX [ksf]	-0.178944	0.360423
Loading Stress YY [ksf]	0.0134453	0.515114
Effective Stress ZZ [ksf]	0	1.184
Effective Stress XX [ksf]	-0.153873	1.50694
Effective Stress YY [ksf]	0.012047	1.62857
Total Stress ZZ [ksf]	0.0312	3.86755
Total Stress XX [ksf]	-0.0441221	4.18864
Total Stress YY [ksf]	0.043247	4.31212
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	0	0
Pore Water Pressure [ksf]	0.0312	2.68355
Excess Pore Water Pressure [ksf]	-2.79948e-012	0.282414
Degree of Consolidation [%]	0	0
Pre-consolidation Stress [ksf]	0.28	1.18344
Over-consolidation Ratio	1	538.462
Void Ratio	1.9	10.7
Permeability [ft/y]	0.0221323	116.986
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	10
Undrained Shear Strength	0	0

Stage: Stage 2 = 0.041 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.079026	4.46086
Total Consolidation Settlement [in]	-0.079026	4.46086
Virgin Consolidation Settlement [in]	0	0.00839121
Recompression Consolidation Settlement [in]	-0.0807269	4.45853
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.0091277	0.461107
Loading Stress XX [ksf]	-0.231268	0.555093
Loading Stress YY [ksf]	0.025121	0.771943
Effective Stress ZZ [ksf]	0	1.18342
Effective Stress XX [ksf]	-0.20277	1.69837
Effective Stress YY [ksf]	0.0328964	1.861
Total Stress ZZ [ksf]	0.0403277	3.91445
Total Stress XX [ksf]	-0.0901769	4.42951
Total Stress YY [ksf]	0.0732241	4.59457
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.00417786	0.153125
Pore Water Pressure [ksf]	0.0317512	2.73357
Excess Pore Water Pressure [ksf]	0.000551235	0.399533
Degree of Consolidation [%]	0	33.5694
Pre-consolidation Stress [ksf]	0.28	1.18344
Over-consolidation Ratio	1	592.14
Void Ratio	1.89963	10.7268
Permeability [ft/y]	0.0221323	827.897
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	64.0074
Undrained Shear Strength	0	0.0491476

Stage: Stage 3 = 0.082 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.0194538	7.73034
Total Consolidation Settlement [in]	-0.0194538	7.73034
Virgin Consolidation Settlement [in]	0	1.44802
Recompression Consolidation Settlement [in]	-0.0231517	6.28565
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.0091277	0.461107
Loading Stress XX [ksf]	-0.231268	0.555093
Loading Stress YY [ksf]	0.025121	0.771943
Effective Stress ZZ [ksf]	0.0091277	1.18316
Effective Stress XX [ksf]	-0.19298	1.69575
Effective Stress YY [ksf]	0.0420241	1.85845
Total Stress ZZ [ksf]	0.0403277	3.91445
Total Stress XX [ksf]	-0.0901769	4.42951
Total Stress YY [ksf]	0.0732241	4.59457
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000706382	0.223592
Pore Water Pressure [ksf]	0.0312	2.73612
Excess Pore Water Pressure [ksf]	0	0.392305
Degree of Consolidation [%]	0	42.9763
Pre-consolidation Stress [ksf]	0.28	1.18344
Over-consolidation Ratio	1	27.8701
Void Ratio	1.89934	10.4106
Permeability [ft/y]	0.0221323	827.897
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.0217431	77.2075
Undrained Shear Strength	0	0.0546696

Stage: Stage 4 = 0.164 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00291573	11.6733
Total Consolidation Settlement [in]	-0.00291573	11.6733
Virgin Consolidation Settlement [in]	0	2.58155
Recompression Consolidation Settlement [in]	-0.0108638	9.09264
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.0091277	0.461107
Loading Stress XX [ksf]	-0.231268	0.555093
Loading Stress YY [ksf]	0.025121	0.771943
Effective Stress ZZ [ksf]	0.0091277	1.18285
Effective Stress XX [ksf]	-0.185735	1.69272
Effective Stress YY [ksf]	0.0420241	1.85551
Total Stress ZZ [ksf]	0.0403277	3.91445
Total Stress XX [ksf]	-0.0901769	4.42951
Total Stress YY [ksf]	0.0732241	4.59457
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000163931	0.224056
Pore Water Pressure [ksf]	0.0312	2.73905
Excess Pore Water Pressure [ksf]	0	0.374314
Degree of Consolidation [%]	0	54.6527
Pre-consolidation Stress [ksf]	0.28	1.18344
Over-consolidation Ratio	1	27.4137
Void Ratio	1.89836	10.288
Permeability [ft/y]	0.0221323	827.897
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.0779532	91.6036
Undrained Shear Strength	0	0.0547494

Stage: Stage 5 = 0.246 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00365261	13.4629
Total Consolidation Settlement [in]	-0.00365261	13.4629
Virgin Consolidation Settlement [in]	0	3.39993
Recompression Consolidation Settlement [in]	-0.0082102	10.0635
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.0091277	0.461107
Loading Stress XX [ksf]	-0.231268	0.555093
Loading Stress YY [ksf]	0.025121	0.771943
Effective Stress ZZ [ksf]	0.0091277	1.18265
Effective Stress XX [ksf]	-0.182436	1.69036
Effective Stress YY [ksf]	0.0420241	1.85322
Total Stress ZZ [ksf]	0.0403277	3.91445
Total Stress XX [ksf]	-0.0901769	4.42951
Total Stress YY [ksf]	0.0732241	4.59457
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-8.54782e-005	0.224212
Pore Water Pressure [ksf]	0.0312	2.74135
Excess Pore Water Pressure [ksf]	0	0.358084
Degree of Consolidation [%]	0	61.8354
Pre-consolidation Stress [ksf]	0.28	1.18344
Over-consolidation Ratio	1	27.228
Void Ratio	1.89659	10.2336
Permeability [ft/y]	0.0221323	827.897
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.126176	96.0314
Undrained Shear Strength	0	0.0547778

Stage: Stage 6 = 0.328 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00474634	14.5542
Total Consolidation Settlement [in]	-0.00474634	14.5542
Virgin Consolidation Settlement [in]	0	4.33213
Recompression Consolidation Settlement [in]	-0.00645556	10.2235
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.0091277	0.461107
Loading Stress XX [ksf]	-0.231268	0.555093
Loading Stress YY [ksf]	0.025121	0.771943
Effective Stress ZZ [ksf]	0.0091277	1.1825
Effective Stress XX [ksf]	-0.180391	1.6883
Effective Stress YY [ksf]	0.0420241	1.85121
Total Stress ZZ [ksf]	0.0403277	3.91445
Total Stress XX [ksf]	-0.0901769	4.42951
Total Stress YY [ksf]	0.0732241	4.59457
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000101195	0.225865
Pore Water Pressure [ksf]	0.0312	2.74335
Excess Pore Water Pressure [ksf]	0	0.342383
Degree of Consolidation [%]	0	66.6429
Pre-consolidation Stress [ksf]	0.28	1.18344
Over-consolidation Ratio	1	27.1157
Void Ratio	1.88787	10.2031
Permeability [ft/y]	0.0118578	827.897
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.165734	98.0445
Undrained Shear Strength	0	0.0547908

Stage: Stage 7 = 0.5 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00718933	15.9048
Total Consolidation Settlement [in]	-0.00718933	15.9048
Virgin Consolidation Settlement [in]	0	5.55757
Recompression Consolidation Settlement [in]	-0.00718933	10.3483
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.0091277	0.461107
Loading Stress XX [ksf]	-0.231268	0.555093
Loading Stress YY [ksf]	0.025121	0.771943
Effective Stress ZZ [ksf]	0.0091277	1.18229
Effective Stress XX [ksf]	-0.178022	1.68358
Effective Stress YY [ksf]	0.0420241	1.84661
Total Stress ZZ [ksf]	0.0403277	3.91445
Total Stress XX [ksf]	-0.0901769	4.42951
Total Stress YY [ksf]	0.0732241	4.59457
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000137528	0.230352
Pore Water Pressure [ksf]	0.0312	2.74796
Excess Pore Water Pressure [ksf]	0	0.319577
Degree of Consolidation [%]	0	72.8499
Pre-consolidation Stress [ksf]	0.28	1.18344
Over-consolidation Ratio	1	26.9873
Void Ratio	1.88085	10.1708
Permeability [ft/y]	0.0118578	827.897
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.242556	99.4088
Undrained Shear Strength	0	0.0547995

Stage: Stage 8 = 1 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.0154494	17.1696
Total Consolidation Settlement [in]	-0.0154494	17.1696
Virgin Consolidation Settlement [in]	0	6.57991
Recompression Consolidation Settlement [in]	-0.0154908	10.5905
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.0091277	0.461107
Loading Stress XX [ksf]	-0.231268	0.555093
Loading Stress YY [ksf]	0.025121	0.771943
Effective Stress ZZ [ksf]	0.0091277	1.18202
Effective Stress XX [ksf]	-0.176142	1.6736
Effective Stress YY [ksf]	0.0420241	1.83738
Total Stress ZZ [ksf]	0.0403277	3.91445
Total Stress XX [ksf]	-0.0901769	4.42951
Total Stress YY [ksf]	0.0732241	4.59457
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000214738	0.232441
Pore Water Pressure [ksf]	0.0312	2.75771
Excess Pore Water Pressure [ksf]	0	0.277163
Degree of Consolidation [%]	0	78.6881
Pre-consolidation Stress [ksf]	0.28	1.18344
Over-consolidation Ratio	1	26.8867
Void Ratio	1.8749	10.1473
Permeability [ft/y]	0.0118578	827.897
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.487885	99.9141
Undrained Shear Strength	0	0.0548024

Stage: Stage 9 = 2 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.0240936	17.6182
Total Consolidation Settlement [in]	-0.0240936	17.6182
Virgin Consolidation Settlement [in]	0	6.81566
Recompression Consolidation Settlement [in]	-0.0240936	10.8035
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.0091277	0.461107
Loading Stress XX [ksf]	-0.231268	0.555093
Loading Stress YY [ksf]	0.025121	0.771943
Effective Stress ZZ [ksf]	0.0091277	1.18222
Effective Stress XX [ksf]	-0.175834	1.66174
Effective Stress YY [ksf]	0.0420241	1.82708
Total Stress ZZ [ksf]	0.0403277	3.91445
Total Stress XX [ksf]	-0.0901769	4.42951
Total Stress YY [ksf]	0.0732241	4.59457
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000307467	0.232811
Pore Water Pressure [ksf]	0.0312	2.76933
Excess Pore Water Pressure [ksf]	0	0.24942
Degree of Consolidation [%]	0	80.7622
Pre-consolidation Stress [ksf]	0.28	1.18344
Over-consolidation Ratio	1	26.8703
Void Ratio	1.8735	10.1435
Permeability [ft/y]	0.0118578	827.897
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	1.142	99.9921
Undrained Shear Strength	0	0.0548028

Stage: Stage 10 = 5 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00998489	17.953
Total Consolidation Settlement [in]	-0.00998489	17.953
Virgin Consolidation Settlement [in]	0	7.04838
Recompression Consolidation Settlement [in]	-0.00998489	10.9056
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.0091277	0.461107
Loading Stress XX [ksf]	-0.231268	0.555093
Loading Stress YY [ksf]	0.025121	0.771943
Effective Stress ZZ [ksf]	0.0091277	1.18834
Effective Stress XX [ksf]	-0.175801	1.67028
Effective Stress YY [ksf]	0.0420241	1.83551
Total Stress ZZ [ksf]	0.0403277	3.91445
Total Stress XX [ksf]	-0.0901769	4.42951
Total Stress YY [ksf]	0.0732241	4.59457
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000240612	0.232841
Pore Water Pressure [ksf]	0.0312	2.76055
Excess Pore Water Pressure [ksf]	0	0.233349
Degree of Consolidation [%]	0	82.2872
Pre-consolidation Stress [ksf]	0.28	1.18779
Over-consolidation Ratio	1	26.8686
Void Ratio	1.87333	10.1431
Permeability [ft/y]	0.0118578	827.897
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	7.16194	99.998
Undrained Shear Strength	0	0.0548029

Embankments

1. Embankment: "Embankment Load 1"

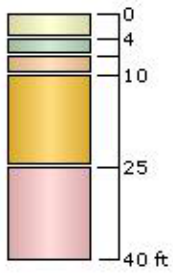
Label	Embankment Load 1
Center Line	(-13.332, -576.459) to (1544.49, -576.459)
Number of Layers	2
Near End Angle	45 degrees
Far End Angle	45 degrees
Base Width	59

Layer	Stage	Left Bench Width (ft)	Left Angle (deg)	Height (ft)	Unit Weight (kips/ft ³)	Right Angle (deg)	Right Bench Width (ft)
1	Stage 1 = 0 y	0	14.04	3.75	0.08	14.04	0
2	Stage 2 = 0.041 y	0	14.04	2	0.08	14.04	0





Soil Layers


Ground Surface Drained: Yes

Layer #	Type	Thickness [ft]	Depth [ft]	Drained at Bottom
1	Soil Property 1	4	0	No
2	Soil Property 2	3	4	No
3	Soil Property 3	3	7	No
4	Soil Property 4	15	10	No
5	Soil Property 5	15	25	No



Soil Properties

Property	Soil Property 1	Soil Property 2	Soil Property 3	Soil Property 4
Color				
Unit Weight [kips/ft ³]	0.065	0.09	0.1	0.09
Saturated Unit Weight [kips/ft ³]	0.065	0.09	0.1	0.09
K0	1	1	1	1
Primary Consolidation	Enabled	Enabled	Enabled	Enabled
Material Type	Non-Linear	Non-Linear	Non-Linear	Non-Linear
Cc	4.6	0.94	0.94	0.42
Cr	0.65	0.65	0.13	0.06
e0	10.7	3	3	1.9
Pc [ksf]	0.28	0.31	0.31	0.65
Cv [ft ² /y]	40.36	24.9	24.9	24.9
Cvr [ft ² /y]	40.36	24.9	24.9	24.9
B-bar	1	1	1	1
Undrained Su A [kips/ft ²]	0	0	0	0
Undrained Su S	0.2	0.2	0.2	0.2
Undrained Su m	0.8	0.8	0.8	0.8
Piezo Line ID	1	1	1	1

Property	Soil Property 5
Color	
Unit Weight [kips/ft ³]	0.1
Saturated Unit Weight [kips/ft ³]	0.1
K0	1
Primary Consolidation	Enabled
Material Type	Non-Linear
Cc	0.42
Cr	0.06
e0	1.9
Pc [ksf]	0.65
Cv [ft ² /y]	25
Cvr [ft ² /y]	25
B-bar	1
Undrained Su A [kips/ft ²]	0
Undrained Su S	0.2
Undrained Su m	0.8
Piezo Line ID	1

Groundwater

Groundwater method Piezometric Lines
 Water Unit Weight 0.0624 kips/ft³

Piezometric Line Entities

ID	Depth (ft)
1	-0.5 ft

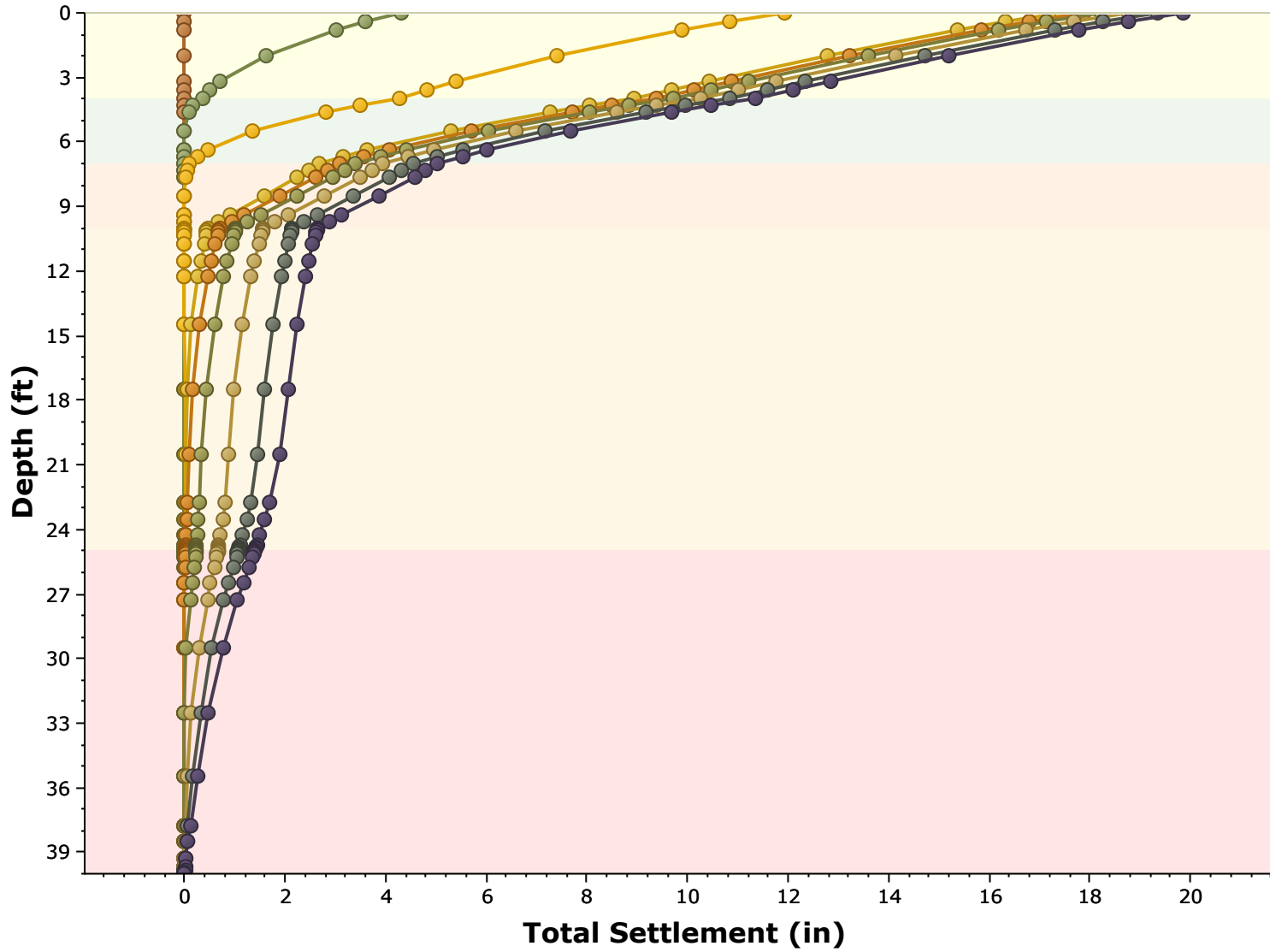
Query Points

Point #	Query Point Name	(X,Y) Location	Number of Divisions
1	Query Point 1	779.133, -582.281	Auto: 55

Query Lines

Line #	Query Line Name	Start Location	End Location	Horizontal Divisions	Vertical Divisions
1	Query Line 1	-20.082, -576.459	1551.24, -576.459	20	Auto: 55
2	Query Line 2	769.488, -550.959	769.488, -601.959	20	Auto: 55

Total Settlement vs. Depth



- Query Point 1 (Stage 1 = 0 y)
- Query Point 1 (Stage 2 = 0.038 y)
- Query Point 1 (Stage 3 = 0.164 y)
- Query Point 1 (Stage 4 = 1 y)
- Query Point 1 (Stage 5 = 2 y)
- Query Point 1 (Stage 6 = 5 y)
- Query Point 1 (Stage 7 = 10 y)
- Query Point 1 (Stage 8 = 15 y)
- Query Point 1 (Stage 9 = 20 y)

Reference Stage: None



<i>Project</i>	Breton Landbridge Marsh Creation		
<i>Analysis Description</i>	MCA - 1		
<i>Drawn By</i>		<i>Company</i>	
<i>Date</i>	5/10/2021, 12:56:15 PM	<i>File Name</i>	mca 1.s3z

Settle3D Analysis Information

Breton Landbridge Marsh Creation

Project Settings

Document Name mca 1 Lake Berm
 Project Title Breton Landbridge Marsh Creation
 Analysis MCA - 1
 Date Created 5/10/2021, 12:56:15 PM
 Stress Computation Method Boussinesq
 Time-dependent Consolidation Analysis
 Time Units years
 Permeability Units feet/year
 Minimum settlement ratio for subgrade modulus 0.9

Include buoyancy effect when material settles below water table

Use average properties to calculate layered stresses

Improve consolidation accuracy

Ignore negative effective stresses in settlement calculations

Stage Settings

Stage #	Name	Time [years]
1	Stage 1	0
2	Stage 2	0.041
3	Stage 3	0.082
4	Stage 4	0.164
5	Stage 5	0.246
6	Stage 6	0.328
7	Stage 7	0.5
8	Stage 8	1
9	Stage 9	2
10	Stage 10	5

Results

Time taken to compute: 0 seconds

Stage: Stage 1 = 0 y

Data Type	Minimum	Maximum
Total Settlement [in]	0	0
Total Consolidation Settlement [in]	0	0
Virgin Consolidation Settlement [in]	0	0
Recompression Consolidation Settlement [in]	0	0
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	4.6613e-012	0.247532
Loading Stress XX [ksf]	-0.104933	0.206505
Loading Stress YY [ksf]	-0.00746734	0.304421
Effective Stress ZZ [ksf]	-1.08809e-017	1.184
Effective Stress XX [ksf]	-0.084665	1.35471
Effective Stress YY [ksf]	0.0003987	1.43565
Total Stress ZZ [ksf]	0.0312	3.84064
Total Stress XX [ksf]	-0.0268022	4.00368
Total Stress YY [ksf]	0.0834704	4.0923
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	0	0
Pore Water Pressure [ksf]	0.0312	2.65664
Excess Pore Water Pressure [ksf]	3.85334e-012	0.204627
Degree of Consolidation [%]	0	0
Pre-consolidation Stress [ksf]	0.28	1.18344
Over-consolidation Ratio	1	538.462
Void Ratio	1.9	10.7
Permeability [ft/y]	0.0221323	116.986
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	0
Undrained Shear Strength	0	0

Stage: Stage 2 = 0.041 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.0860849	3.55688
Total Consolidation Settlement [in]	-0.0860849	3.55688
Virgin Consolidation Settlement [in]	0	0.000757315
Recompression Consolidation Settlement [in]	-0.0864879	3.55632
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00753844	0.458897
Loading Stress XX [ksf]	-0.214372	0.486188
Loading Stress YY [ksf]	-0.0106273	0.763825
Effective Stress ZZ [ksf]	-0.000744561	1.18386
Effective Stress XX [ksf]	-0.181192	1.63831
Effective Stress YY [ksf]	0.00931337	1.89404
Total Stress ZZ [ksf]	0.0448164	4.01932
Total Stress XX [ksf]	-0.118053	4.46683
Total Stress YY [ksf]	0.104782	4.73044
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.0038761	0.140786
Pore Water Pressure [ksf]	0.045561	2.8364
Excess Pore Water Pressure [ksf]	0.000757732	0.418199
Degree of Consolidation [%]	0	32.2566
Pre-consolidation Stress [ksf]	0.28	1.18344
Over-consolidation Ratio	1	632.302
Void Ratio	1.89988	10.7454
Permeability [ft/y]	0.0221323	116.986
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	0
Undrained Shear Strength	0	0.00119547

Stage: Stage 3 = 0.082 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.0158651	6.78508
Total Consolidation Settlement [in]	-0.0158651	6.78508
Virgin Consolidation Settlement [in]	0	0.94243
Recompression Consolidation Settlement [in]	-0.0163906	5.84265
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00753844	0.458897
Loading Stress XX [ksf]	-0.214372	0.486188
Loading Stress YY [ksf]	-0.0106273	0.763825
Effective Stress ZZ [ksf]	-0.000159603	1.1844
Effective Stress XX [ksf]	-0.168259	1.6361
Effective Stress YY [ksf]	0.0229103	1.89125
Total Stress ZZ [ksf]	0.0448164	4.01932
Total Stress XX [ksf]	-0.1111	4.46683
Total Stress YY [ksf]	0.110568	4.73044
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000659666	0.211654
Pore Water Pressure [ksf]	0.044976	2.83919
Excess Pore Water Pressure [ksf]	0	0.414632
Degree of Consolidation [%]	0	40.3181
Pre-consolidation Stress [ksf]	0.28	1.18383
Over-consolidation Ratio	1	91.1393
Void Ratio	1.89955	10.3874
Permeability [ft/y]	0.0221323	827.897
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	0
Undrained Shear Strength	0	0.0543313

Stage: Stage 4 = 0.164 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00458479	9.9556
Total Consolidation Settlement [in]	-0.00458479	9.9556
Virgin Consolidation Settlement [in]	0	1.3969
Recompression Consolidation Settlement [in]	-0.00876663	8.56335
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00753844	0.458897
Loading Stress XX [ksf]	-0.214372	0.486188
Loading Stress YY [ksf]	-0.0106273	0.763825
Effective Stress ZZ [ksf]	-0.000706162	1.18482
Effective Stress XX [ksf]	-0.167123	1.63406
Effective Stress YY [ksf]	0.0376482	1.88882
Total Stress ZZ [ksf]	0.0484642	4.01932
Total Stress XX [ksf]	-0.106906	4.46683
Total Stress YY [ksf]	0.115692	4.73044
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.00109977	0.21076
Pore Water Pressure [ksf]	0.0491703	2.84162
Excess Pore Water Pressure [ksf]	0	0.406061
Degree of Consolidation [%]	0	51.6713
Pre-consolidation Stress [ksf]	0.28	1.18425
Over-consolidation Ratio	1	563.573
Void Ratio	1.89876	10.7129
Permeability [ft/y]	0.0221323	116.986
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	0
Undrained Shear Strength	0	0.0543313

Stage: Stage 5 = 0.246 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00240595	11.8267
Total Consolidation Settlement [in]	-0.00240595	11.8267
Virgin Consolidation Settlement [in]	0	1.90503
Recompression Consolidation Settlement [in]	-0.00637912	9.92169
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00753844	0.458897
Loading Stress XX [ksf]	-0.214372	0.486188
Loading Stress YY [ksf]	-0.0106273	0.763825
Effective Stress ZZ [ksf]	-0.000875054	1.18513
Effective Stress XX [ksf]	-0.166918	1.63255
Effective Stress YY [ksf]	0.0384558	1.88707
Total Stress ZZ [ksf]	0.0511309	4.01932
Total Stress XX [ksf]	-0.10407	4.46683
Total Stress YY [ksf]	0.118528	4.73044
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.00109977	0.210197
Pore Water Pressure [ksf]	0.052006	2.84337
Excess Pore Water Pressure [ksf]	0	0.398558
Degree of Consolidation [%]	0	59.2146
Pre-consolidation Stress [ksf]	0.28	1.18456
Over-consolidation Ratio	1	34.129
Void Ratio	1.8968	10.7129
Permeability [ft/y]	0.0221323	116.986
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	0
Undrained Shear Strength	0	0.0543313

Stage: Stage 6 = 0.328 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.0031917	12.9544
Total Consolidation Settlement [in]	-0.0031917	12.9544
Virgin Consolidation Settlement [in]	0	2.75744
Recompression Consolidation Settlement [in]	-0.00480764	10.197
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00753844	0.458897
Loading Stress XX [ksf]	-0.214372	0.486188
Loading Stress YY [ksf]	-0.0106273	0.763825
Effective Stress ZZ [ksf]	-0.00179244	1.18541
Effective Stress XX [ksf]	-0.166796	1.63125
Effective Stress YY [ksf]	0.0389359	1.8856
Total Stress ZZ [ksf]	0.052006	4.01932
Total Stress XX [ksf]	-0.102277	4.46683
Total Stress YY [ksf]	0.12032	4.73044
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.00109977	0.214676
Pore Water Pressure [ksf]	0.0537984	2.84484
Excess Pore Water Pressure [ksf]	0	0.390996
Degree of Consolidation [%]	0	63.9629
Pre-consolidation Stress [ksf]	0.28	1.18484
Over-consolidation Ratio	1	43.2803
Void Ratio	1.89047	10.7129
Permeability [ft/y]	0.0221323	116.986
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	0
Undrained Shear Strength	0	0.0543313

Stage: Stage 7 = 0.5 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00467959	14.541
Total Consolidation Settlement [in]	-0.00467959	14.541
Virgin Consolidation Settlement [in]	0	4.21364
Recompression Consolidation Settlement [in]	-0.00467959	10.3286
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00753844	0.458897
Loading Stress XX [ksf]	-0.214372	0.486188
Loading Stress YY [ksf]	-0.0106273	0.763825
Effective Stress ZZ [ksf]	-0.000907489	1.18592
Effective Stress XX [ksf]	-0.166659	1.62892
Effective Stress YY [ksf]	0.0394803	1.88302
Total Stress ZZ [ksf]	0.055124	4.01932
Total Stress XX [ksf]	-0.100044	4.46683
Total Stress YY [ksf]	0.122553	4.73044
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.00109977	0.221367
Pore Water Pressure [ksf]	0.0560314	2.84742
Excess Pore Water Pressure [ksf]	0	0.377537
Degree of Consolidation [%]	0	69.4713
Pre-consolidation Stress [ksf]	0.28	1.18535
Over-consolidation Ratio	1	48.3779
Void Ratio	1.88093	10.7129
Permeability [ft/y]	0.0118578	116.986
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	0
Undrained Shear Strength	0	0.0543313

Stage: Stage 8 = 1 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00895882	16.087
Total Consolidation Settlement [in]	-0.00895882	16.087
Virgin Consolidation Settlement [in]	0	5.49783
Recompression Consolidation Settlement [in]	-0.00895882	10.5892
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00753844	0.458897
Loading Stress XX [ksf]	-0.214372	0.486188
Loading Stress YY [ksf]	-0.0106273	0.763825
Effective Stress ZZ [ksf]	-0.00038669	1.18709
Effective Stress XX [ksf]	-0.166552	1.6232
Effective Stress YY [ksf]	0.0399047	1.87673
Total Stress ZZ [ksf]	0.0576282	4.01932
Total Stress XX [ksf]	-0.098061	4.46683
Total Stress YY [ksf]	0.124537	4.73044
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.00109977	0.224912
Pore Water Pressure [ksf]	0.0580149	2.85385
Excess Pore Water Pressure [ksf]	0	0.348088
Degree of Consolidation [%]	0	74.505
Pre-consolidation Stress [ksf]	0.28	1.18652
Over-consolidation Ratio	1	57.4938
Void Ratio	1.87396	10.7129
Permeability [ft/y]	0.0118578	116.986
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	0
Undrained Shear Strength	0	0.0543313

Stage: Stage 9 = 2 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.0139377	16.6272
Total Consolidation Settlement [in]	-0.0139377	16.6272
Virgin Consolidation Settlement [in]	0	5.79945
Recompression Consolidation Settlement [in]	-0.0139377	10.8277
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00753844	0.458897
Loading Stress XX [ksf]	-0.214372	0.486188
Loading Stress YY [ksf]	-0.0106273	0.763825
Effective Stress ZZ [ksf]	-0.000107505	1.18866
Effective Stress XX [ksf]	-0.166535	1.61633
Effective Stress YY [ksf]	0.0399716	1.87003
Total Stress ZZ [ksf]	0.0586477	4.01932
Total Stress XX [ksf]	-0.0973207	4.46683
Total Stress YY [ksf]	0.125277	4.73044
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.00109977	0.225083
Pore Water Pressure [ksf]	0.0587552	2.86142
Excess Pore Water Pressure [ksf]	0	0.336029
Degree of Consolidation [%]	0	77.193
Pre-consolidation Stress [ksf]	0.28	1.18809
Over-consolidation Ratio	1	62.021
Void Ratio	1.87218	10.7129
Permeability [ft/y]	0.0118578	116.986
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	0
Undrained Shear Strength	0	0.0543313

Stage: Stage 10 = 5 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00192264	17.1603
Total Consolidation Settlement [in]	-0.00192264	17.1603
Virgin Consolidation Settlement [in]	0	6.293
Recompression Consolidation Settlement [in]	-0.00192264	10.878
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00753844	0.458897
Loading Stress XX [ksf]	-0.214372	0.486188
Loading Stress YY [ksf]	-0.0106273	0.763825
Effective Stress ZZ [ksf]	-0.000211532	1.19672
Effective Stress XX [ksf]	-0.166533	1.62838
Effective Stress YY [ksf]	0.0399785	1.88759
Total Stress ZZ [ksf]	0.059221	4.01932
Total Stress XX [ksf]	-0.0966433	4.46683
Total Stress YY [ksf]	0.125954	4.73044
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.00109977	0.224625
Pore Water Pressure [ksf]	0.0594325	2.84285
Excess Pore Water Pressure [ksf]	0	0.315649
Degree of Consolidation [%]	0	79.8198
Pre-consolidation Stress [ksf]	0.28	1.19616
Over-consolidation Ratio	1	73.7961
Void Ratio	1.87211	10.7129
Permeability [ft/y]	0.0118578	116.986
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	0
Undrained Shear Strength	0	0.0543313

Embankments

1. Embankment: "Embankment Load 1"

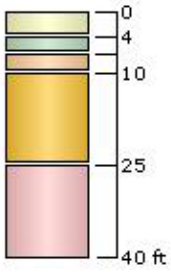
Label	Embankment Load 1
Center Line	(-13.332, -576.459) to (1544.49, -576.459)
Number of Layers	3
Near End Angle	45 degrees
Far End Angle	45 degrees
Base Width	105

Layer	Stage	Left Bench Width (ft)	Left Angle (deg)	Height (ft)	Unit Weight (kips/ft ³)	Right Angle (deg)	Right Bench Width (ft)
1	Stage 1 = 0 y	0	14.04	2.25	0.08	14.04	0
2	Stage 2 = 0.041 y	0	14.04	2.25	0.08	14.04	0
3	Stage 2 = 0.041 y	32.5	14.04	1.25	0.08	14.04	0





Soil Layers


Ground Surface Drained: Yes

Layer #	Type	Thickness [ft]	Depth [ft]	Drained at Bottom
1	Soil Property 1	4	0	No
2	Soil Property 2	3	4	No
3	Soil Property 3	3	7	No
4	Soil Property 4	15	10	No
5	Soil Property 5	15	25	No



Soil Properties

Property	Soil Property 1	Soil Property 2	Soil Property 3	Soil Property 4
Color				
Unit Weight [kips/ft ³]	0.065	0.09	0.1	0.09
Saturated Unit Weight [kips/ft ³]	0.065	0.09	0.1	0.09
K0	1	1	1	1
Primary Consolidation	Enabled	Enabled	Enabled	Enabled
Material Type	Non-Linear	Non-Linear	Non-Linear	Non-Linear
Cc	4.6	0.94	0.94	0.42
Cr	0.65	0.65	0.13	0.06
e0	10.7	3	3	1.9
Pc [ksf]	0.28	0.31	0.31	0.65
Cv [ft ² /y]	40.36	24.9	24.9	24.9
Cvr [ft ² /y]	40.36	24.9	24.9	24.9
B-bar	1	1	1	1
Undrained Su A [kips/ft ²]	0	0	0	0
Undrained Su S	0.2	0.2	0.2	0.2
Undrained Su m	0.8	0.8	0.8	0.8
Piezo Line ID	1	1	1	1

Property	Soil Property 5
Color	
Unit Weight [kips/ft ³]	0.1
Saturated Unit Weight [kips/ft ³]	0.1
K0	1
Primary Consolidation	Enabled
Material Type	Non-Linear
Cc	0.42
Cr	0.06
e0	1.9
Pc [ksf]	0.65
Cv [ft ² /y]	25
Cvr [ft ² /y]	25
B-bar	1
Undrained Su A [kips/ft ²]	0
Undrained Su S	0.2
Undrained Su m	0.8
Piezo Line ID	1

Groundwater

Groundwater method Piezometric Lines
 Water Unit Weight 0.0624 kips/ft³

Piezometric Line Entities

ID	Depth (ft)
1	-0.5 ft

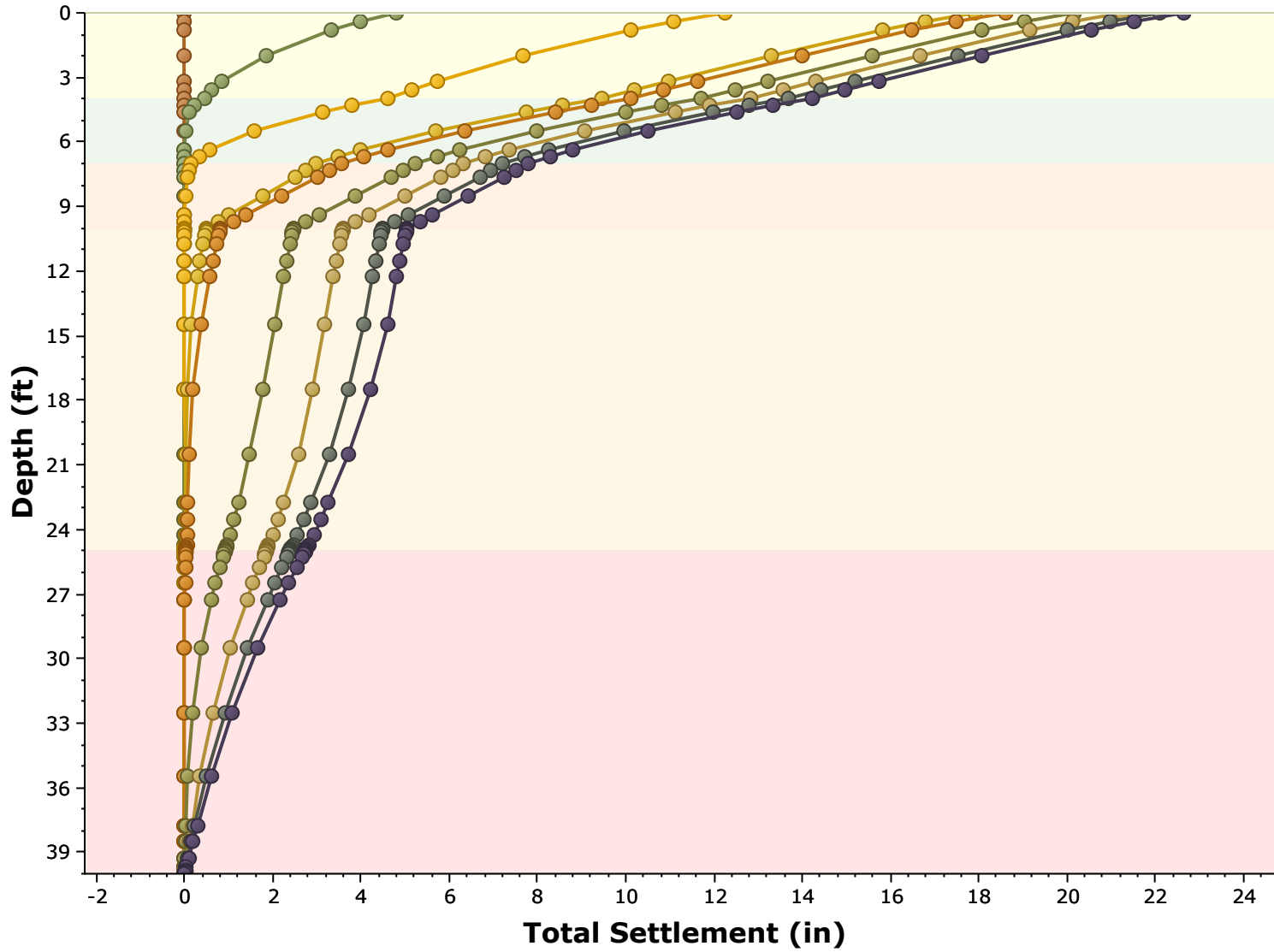
Query Points

Point #	Query Point Name	(X,Y) Location	Number of Divisions
1	Query Point 1	831.066, -598.748	Auto: 55

Query Lines

Line #	Query Line Name	Start Location	End Location	Horizontal Divisions	Vertical Divisions
1	Query Line 1	-17.832, -559.575	1548.99, -559.575	20	Auto: 55
2	Query Line 2	777.919, -528.459	777.919, -624.459	20	Auto: 55

Total Settlement vs. Depth



- Query Point 1 (Stage 1 = 0 y)
- Query Point 1 (Stage 2 = 0.038 y)
- Query Point 1 (Stage 3 = 0.164 y)
- Query Point 1 (Stage 4 = 1 y)
- Query Point 1 (Stage 5 = 2 y)
- Query Point 1 (Stage 6 = 5 y)
- Query Point 1 (Stage 7 = 10 y)
- Query Point 1 (Stage 8 = 15 y)
- Query Point 1 (Stage 9 = 20 y)

Reference Stage: None



<i>Project</i>	Breton Landbridge Marsh Creation		
<i>Analysis Description</i>	MCA - 1		
<i>Drawn By</i>		<i>Company</i>	
<i>Date</i>	5/10/2021, 12:56:15 PM	<i>File Name</i>	mca 1 Lake Berm.s3z

Settle3D Analysis Information

Breton Landbridge Marsh Creation

Project Settings

Document Name	mca 2 & 3 ECD
Project Title	Breton Landbridge Marsh Creation
Analysis	MCA - 2 & 3 ECD
Date Created	5/10/2021, 12:56:15 PM
Stress Computation Method	Boussinesq
Time-dependent Consolidation Analysis	
Time Units	years
Permeability Units	feet/year
Minimum settlement ratio for subgrade modulus	0.9

Use average properties to calculate layered stresses

Improve consolidation accuracy

Ignore negative effective stresses in settlement calculations

Stage Settings

Stage #	Name	Time [years]
1	Stage 1	0
2	Stage 2	0.041
3	Stage 3	0.082
4	Stage 4	0.164
5	Stage 5	0.246
6	Stage 6	0.328
7	Stage 7	0.5
8	Stage 8	1
9	Stage 9	2
10	Stage 10	5

Results

Time taken to compute: 2.05198 seconds

Stage: Stage 1 = 0 y

Data Type	Minimum	Maximum
Total Settlement [in]	0	0
Total Consolidation Settlement [in]	0	0
Virgin Consolidation Settlement [in]	0	0
Recompression Consolidation Settlement [in]	0	0
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	-1.2633e-015	0.331328
Loading Stress XX [ksf]	-0.194029	0.383839
Loading Stress YY [ksf]	-0.0815349	0.549311
Effective Stress ZZ [ksf]	0	1.184
Effective Stress XX [ksf]	-0.169911	1.53041
Effective Stress YY [ksf]	-0.052597	1.66789
Total Stress ZZ [ksf]	0.0312	3.89185
Total Stress XX [ksf]	-0.0728694	4.23606
Total Stress YY [ksf]	0.0336586	4.37574
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	0	0
Pore Water Pressure [ksf]	0.0312	2.70785
Excess Pore Water Pressure [ksf]	-1.14013e-015	0.299024
Degree of Consolidation [%]	0	0
Pre-consolidation Stress [ksf]	0.21	1.18344
Over-consolidation Ratio	1	403.846
Void Ratio	1.74	12.5
Permeability [ft/y]	0.00715148	53.8744
Coefficient of Consolidation [ft ² /y]	10	58
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	50
Undrained Shear Strength	0	0.00095002

Stage: Stage 2 = 0.041 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.035719	4.39921
Total Consolidation Settlement [in]	-0.035719	4.39921
Virgin Consolidation Settlement [in]	0	0.59816
Recompression Consolidation Settlement [in]	-0.0363973	3.85974
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.000205266	0.594119
Loading Stress XX [ksf]	-0.281563	0.730848
Loading Stress YY [ksf]	-0.109321	0.984808
Effective Stress ZZ [ksf]	0	1.18428
Effective Stress XX [ksf]	-0.247747	1.87527
Effective Stress YY [ksf]	-0.0742146	2.07193
Total Stress ZZ [ksf]	0.0314053	3.96547
Total Stress XX [ksf]	-0.15054	4.65555
Total Stress YY [ksf]	0.0198363	4.85546
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.00184205	0.222459
Pore Water Pressure [ksf]	0.0314053	2.78353
Excess Pore Water Pressure [ksf]	0.000205266	0.512389
Degree of Consolidation [%]	0	41.652
Pre-consolidation Stress [ksf]	0.21	1.18371
Over-consolidation Ratio	1	421.371
Void Ratio	1.7397	12.5249
Permeability [ft/y]	0.00715148	378.435
Coefficient of Consolidation [ft ² /y]	10	58
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	49.6692
Undrained Shear Strength	0	0.0394778

Stage: Stage 3 = 0.082 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.0234361	7.951
Total Consolidation Settlement [in]	-0.0234361	7.951
Virgin Consolidation Settlement [in]	0	3.24438
Recompression Consolidation Settlement [in]	-0.0256532	4.72217
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.000205266	0.594119
Loading Stress XX [ksf]	-0.281563	0.730848
Loading Stress YY [ksf]	-0.109321	0.984808
Effective Stress ZZ [ksf]	0.000205266	1.18464
Effective Stress XX [ksf]	-0.234903	1.87319
Effective Stress YY [ksf]	-0.0730684	2.06992
Total Stress ZZ [ksf]	0.0314053	3.96547
Total Stress XX [ksf]	-0.15054	4.65555
Total Stress YY [ksf]	0.0198363	4.85546
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000641426	0.337176
Pore Water Pressure [ksf]	0.0312	2.78554
Excess Pore Water Pressure [ksf]	0	0.49427
Degree of Consolidation [%]	0	50.5522
Pre-consolidation Stress [ksf]	0.21	1.18407
Over-consolidation Ratio	1	292.897
Void Ratio	1.73942	12.4921
Permeability [ft/y]	0.00715148	378.435
Coefficient of Consolidation [ft ² /y]	10	58
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	65.6587
Undrained Shear Strength	0	0.0462911

Stage: Stage 4 = 0.164 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00286587	10.8748
Total Consolidation Settlement [in]	-0.00286587	10.8748
Virgin Consolidation Settlement [in]	0	5.42572
Recompression Consolidation Settlement [in]	-0.0077592	5.46463
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.000205266	0.594119
Loading Stress XX [ksf]	-0.281563	0.730848
Loading Stress YY [ksf]	-0.109321	0.984808
Effective Stress ZZ [ksf]	0.000205266	1.18504
Effective Stress XX [ksf]	-0.218597	1.87091
Effective Stress YY [ksf]	-0.0715794	2.06772
Total Stress ZZ [ksf]	0.0314053	3.96547
Total Stress XX [ksf]	-0.15054	4.65555
Total Stress YY [ksf]	0.0198363	4.85546
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000435727	0.339323
Pore Water Pressure [ksf]	0.0312	2.78774
Excess Pore Water Pressure [ksf]	0	0.470387
Degree of Consolidation [%]	0	59.5446
Pre-consolidation Stress [ksf]	0.21	1.18446
Over-consolidation Ratio	1	288.542
Void Ratio	1.7145	12.474
Permeability [ft/y]	0.00715148	378.435
Coefficient of Consolidation [ft ² /y]	10	58
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	82.3897
Undrained Shear Strength	0	0.0465792

Stage: Stage 5 = 0.246 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00150703	12.4166
Total Consolidation Settlement [in]	-0.00150703	12.4166
Virgin Consolidation Settlement [in]	0	6.70634
Recompression Consolidation Settlement [in]	-0.00150703	5.71558
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.000205266	0.594119
Loading Stress XX [ksf]	-0.281563	0.730848
Loading Stress YY [ksf]	-0.109321	0.984808
Effective Stress ZZ [ksf]	0.000205266	1.18535
Effective Stress XX [ksf]	-0.217064	1.86921
Effective Stress YY [ksf]	-0.0705499	2.06608
Total Stress ZZ [ksf]	0.0314053	3.96547
Total Stress XX [ksf]	-0.15054	4.65555
Total Stress YY [ksf]	0.0198363	4.85546
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-2.18889e-005	0.339755
Pore Water Pressure [ksf]	0.0312	2.78938
Excess Pore Water Pressure [ksf]	0	0.444477
Degree of Consolidation [%]	0	66.8888
Pre-consolidation Stress [ksf]	0.21	1.18478
Over-consolidation Ratio	1	285.5
Void Ratio	1.70679	12.4603
Permeability [ft/y]	0.00715148	378.435
Coefficient of Consolidation [ft ² /y]	10	58
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	88.7276
Undrained Shear Strength	0	0.0466369

Stage: Stage 6 = 0.328 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00200387	13.2748
Total Consolidation Settlement [in]	-0.00200387	13.2748
Virgin Consolidation Settlement [in]	0	7.40017
Recompression Consolidation Settlement [in]	-0.00200387	5.87783
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.000205266	0.594119
Loading Stress XX [ksf]	-0.281563	0.730848
Loading Stress YY [ksf]	-0.109321	0.984808
Effective Stress ZZ [ksf]	0.000205266	1.18562
Effective Stress XX [ksf]	-0.21613	1.86778
Effective Stress YY [ksf]	-0.0698218	2.0647
Total Stress ZZ [ksf]	0.0314053	3.96547
Total Stress XX [ksf]	-0.15054	4.65555
Total Stress YY [ksf]	0.0198363	4.85546
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-2.57511e-005	0.339996
Pore Water Pressure [ksf]	0.0312	2.79077
Excess Pore Water Pressure [ksf]	0	0.430483
Degree of Consolidation [%]	0	71.5116
Pre-consolidation Stress [ksf]	0.21	1.18505
Over-consolidation Ratio	1	283.193
Void Ratio	1.70278	12.4502
Permeability [ft/y]	0.00715148	378.435
Coefficient of Consolidation [ft ² /y]	10	58
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	92.6896
Undrained Shear Strength	0	0.0466692

Stage: Stage 7 = 0.5 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00294799	14.2008
Total Consolidation Settlement [in]	-0.00294799	14.2008
Virgin Consolidation Settlement [in]	0	8.15378
Recompression Consolidation Settlement [in]	-0.00294799	6.047
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.000205266	0.594119
Loading Stress XX [ksf]	-0.281563	0.730848
Loading Stress YY [ksf]	-0.109321	0.984808
Effective Stress ZZ [ksf]	0.000205266	1.18614
Effective Stress XX [ksf]	-0.215069	1.86522
Effective Stress YY [ksf]	-0.0689142	2.06222
Total Stress ZZ [ksf]	0.0314053	3.96547
Total Stress XX [ksf]	-0.15054	4.65555
Total Stress YY [ksf]	0.0198363	4.85546
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-3.26675e-005	0.340252
Pore Water Pressure [ksf]	0.0312	2.79325
Excess Pore Water Pressure [ksf]	0	0.402547
Degree of Consolidation [%]	0	76.5001
Pre-consolidation Stress [ksf]	0.21	1.18556
Over-consolidation Ratio	1	280.245
Void Ratio	1.69902	12.4377
Permeability [ft/y]	0.00167337	378.435
Coefficient of Consolidation [ft ² /y]	10	58
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	97.0509
Undrained Shear Strength	0	0.0467033

Stage: Stage 8 = 1 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00524436	15.0278
Total Consolidation Settlement [in]	-0.00524436	15.0278
Virgin Consolidation Settlement [in]	0	8.90428
Recompression Consolidation Settlement [in]	-0.00524436	6.13122
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.000205266	0.594119
Loading Stress XX [ksf]	-0.281563	0.730848
Loading Stress YY [ksf]	-0.109321	0.984808
Effective Stress ZZ [ksf]	0.000205266	1.18744
Effective Stress XX [ksf]	-0.214286	1.85785
Effective Stress YY [ksf]	-0.0681751	2.05544
Total Stress ZZ [ksf]	0.0314053	3.96547
Total Stress XX [ksf]	-0.15054	4.65555
Total Stress YY [ksf]	0.0198363	4.85546
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-5.26779e-005	0.340409
Pore Water Pressure [ksf]	0.0312	2.80002
Excess Pore Water Pressure [ksf]	0	0.377015
Degree of Consolidation [%]	0	80.9551
Pre-consolidation Stress [ksf]	0.21	1.18687
Over-consolidation Ratio	1	277.834
Void Ratio	1.69696	12.4276
Permeability [ft/y]	0.00167337	378.435
Coefficient of Consolidation [ft ² /y]	10	58
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	99.7748
Undrained Shear Strength	0	0.0467243

Stage: Stage 9 = 2 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00987749	15.5596
Total Consolidation Settlement [in]	-0.00987749	15.5596
Virgin Consolidation Settlement [in]	0	9.41738
Recompression Consolidation Settlement [in]	-0.00987749	6.14217
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.000205266	0.594119
Loading Stress XX [ksf]	-0.281563	0.730848
Loading Stress YY [ksf]	-0.109321	0.984808
Effective Stress ZZ [ksf]	0.000205266	1.18982
Effective Stress XX [ksf]	-0.214192	1.8462
Effective Stress YY [ksf]	-0.0680743	2.04383
Total Stress ZZ [ksf]	0.0314053	3.96547
Total Stress XX [ksf]	-0.15054	4.65555
Total Stress YY [ksf]	0.0198363	4.85546
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-8.45635e-005	0.340422
Pore Water Pressure [ksf]	0.0312	2.81163
Excess Pore Water Pressure [ksf]	0	0.347435
Degree of Consolidation [%]	0	83.8199
Pre-consolidation Stress [ksf]	0.21	1.18925
Over-consolidation Ratio	1	277.511
Void Ratio	1.69678	12.4263
Permeability [ft/y]	0.00167337	378.435
Coefficient of Consolidation [ft ² /y]	10	58
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	99.9912
Undrained Shear Strength	0	0.0467259

Stage: Stage 10 = 5 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.0114294	16.2895
Total Consolidation Settlement [in]	-0.0114294	16.2895
Virgin Consolidation Settlement [in]	0	10.1371
Recompression Consolidation Settlement [in]	-0.0114294	6.15245
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.000205266	0.594119
Loading Stress XX [ksf]	-0.281563	0.730848
Loading Stress YY [ksf]	-0.109321	0.984808
Effective Stress ZZ [ksf]	0.000205266	1.19668
Effective Stress XX [ksf]	-0.214191	1.82641
Effective Stress YY [ksf]	-0.0680698	2.02446
Total Stress ZZ [ksf]	0.0314053	3.96547
Total Stress XX [ksf]	-0.15054	4.65555
Total Stress YY [ksf]	0.0198363	4.85546
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000139485	0.340422
Pore Water Pressure [ksf]	0.0312	2.83106
Excess Pore Water Pressure [ksf]	0	0.311633
Degree of Consolidation [%]	0	87.7519
Pre-consolidation Stress [ksf]	0.21	1.19611
Over-consolidation Ratio	1	277.501
Void Ratio	1.69558	12.4262
Permeability [ft/y]	0.00167337	378.435
Coefficient of Consolidation [ft ² /y]	10	58
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	1.60982	99.997
Undrained Shear Strength	0	0.046726

Embankments

1. Embankment: "Embankment Load 1"

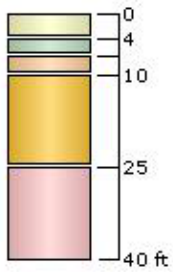
Label	Embankment Load 1
Center Line	(-13.332, -576.459) to (1544.49, -576.459)
Number of Layers	2
Near End Angle	45 degrees
Far End Angle	45 degrees
Base Width	65

Layer	Stage	Left Bench Width (ft)	Left Angle (deg)	Height (ft)	Unit Weight (kips/ft ³)	Right Angle (deg)	Right Bench Width (ft)
1	Stage 1 = 0 y	0	14.04	4	0.08	14.04	0
2	Stage 2 = 0.041 y	0	14.04	3.5	0.08	14.04	0





Soil Layers


Ground Surface Drained: Yes

Layer #	Type	Thickness [ft]	Depth [ft]	Drained at Bottom
1	Soil Property 1	4	0	No
2	Soil Property 2	3	4	No
3	Soil Property 3	3	7	No
4	Soil Property 4	15	10	No
5	Soil Property 5	15	25	No



Soil Properties

Property	Soil Property 1	Soil Property 2	Soil Property 3	Soil Property 4
Color				
Unit Weight [kips/ft ³]	0.065	0.09	0.1	0.09
Saturated Unit Weight [kips/ft ³]	0.065	0.09	0.1	0.09
K0	1	1	1	1
Primary Consolidation	Enabled	Enabled	Enabled	Enabled
Material Type	Non-Linear	Non-Linear	Non-Linear	Non-Linear
Cc	5.76	0.35	0.35	0.15
Cr	0.82	0.05	0.05	0.02
e0	12.5	1.77	1.77	1.74
Pc [ksf]	0.21	0.65	0.65	0.35
Cv [ft ² /y]	17	58	58	10
Cvr [ft ² /y]	17	58	58	10
B-bar	1	1	1	1
Undrained Su A [kips/ft ²]	0	0	0	0
Undrained Su S	0.2	0.2	0.2	0.2
Undrained Su m	0.8	0.8	0.8	0.8
Piezo Line ID	1	1	1	1

Property	Soil Property 5
Color	
Unit Weight [kips/ft ³]	0.1
Saturated Unit Weight [kips/ft ³]	0.1
K0	1
Primary Consolidation	Enabled
Material Type	Non-Linear
Cc	0.15
Cr	0.02
e0	1.74
Pc [ksf]	0.35
Cv [ft ² /y]	10
Cvr [ft ² /y]	10
B-bar	1
Undrained Su A [kips/ft ²]	0
Undrained Su S	0.2
Undrained Su m	0.8
Piezo Line ID	1

Groundwater

Groundwater method Piezometric Lines
 Water Unit Weight 0.0624 kips/ft³

Piezometric Line Entities

ID	Depth (ft)
1	-0.5 ft

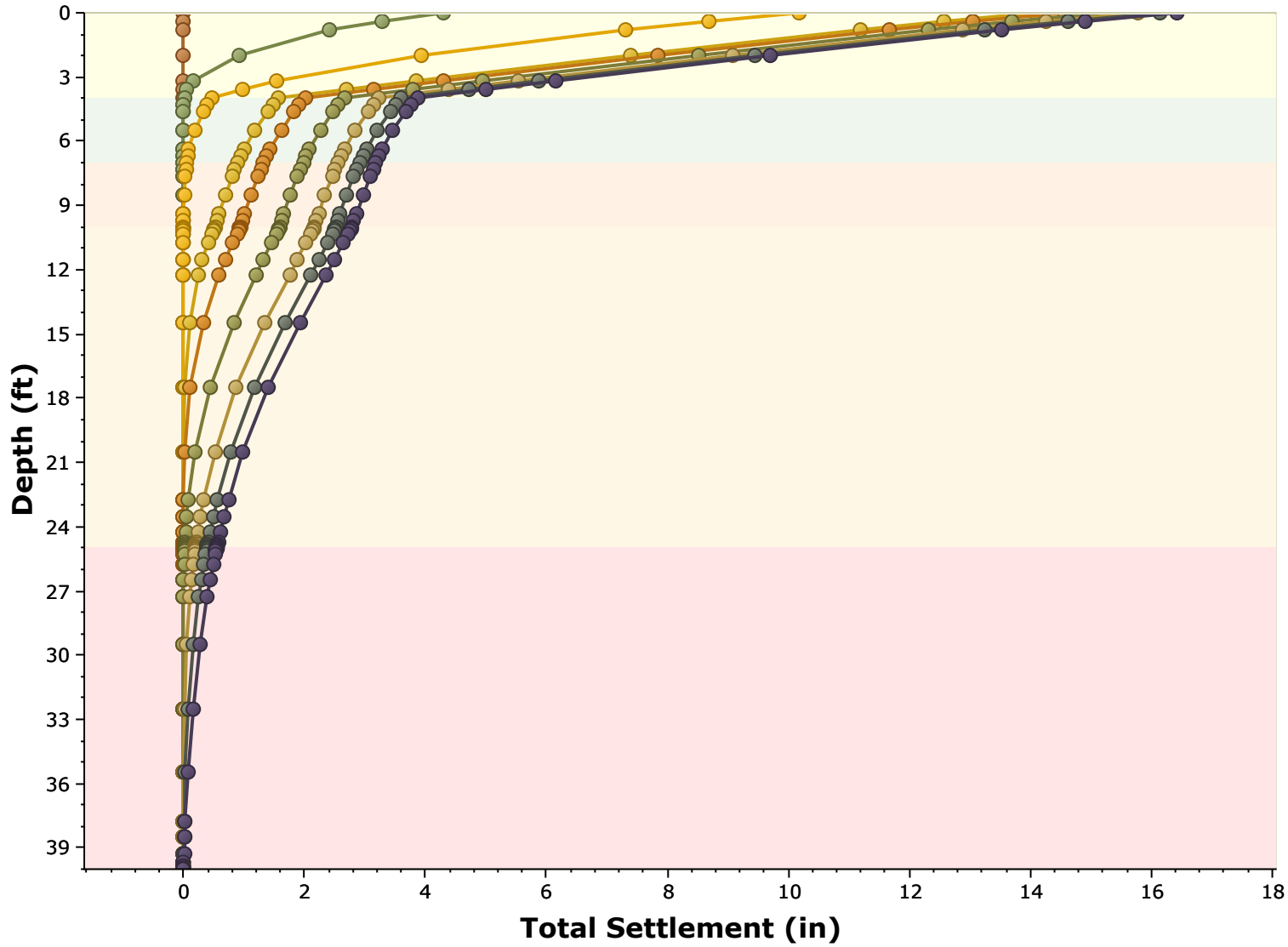
Query Points

Point #	Query Point Name	(X,Y) Location	Number of Divisions
1	Query Point 1	779.133, -582.281	Auto: 55

Query Lines


Line #	Query Line Name	Start Location	End Location	Horizontal Divisions	Vertical Divisions
1	Query Line 1	-20.832, -576.459	1551.99, -576.459	20	Auto: 55
2	Query Line 2	754.125, -540.959	754.125, -611.959	20	Auto: 55

Total Settlement vs. Depth



- Query Point 1 (Stage 1 = 0 y)
- Query Point 1 (Stage 2 = 0.038 y)
- Query Point 1 (Stage 3 = 0.164 y)
- Query Point 1 (Stage 4 = 1 y)
- Query Point 1 (Stage 5 = 2 y)
- Query Point 1 (Stage 6 = 5 y)
- Query Point 1 (Stage 7 = 10 y)
- Query Point 1 (Stage 8 = 15 y)
- Query Point 1 (Stage 9 = 20 y)

Reference Stage: None

	<i>Project</i>		Breton Landbridge Marsh Creation		
	<i>Analysis Description</i>		MCA - 2 & 3		
	<i>Drawn By</i>		<i>Company</i>		
	<i>Date</i>		<i>File Name</i>		
		5/10/2021, 12:56:15 PM		mca 2 & 3 ECD.s3z	

Settle3D Analysis Information

Breton Landbridge Marsh Creation

Project Settings

Document Name	mca 2&3 Lake Berm
Project Title	Breton Landbridge Marsh Creation
Analysis	MCA - 2&3 Lake Berm
Date Created	5/10/2021, 12:56:15 PM
Stress Computation Method	Boussinesq
Time-dependent Consolidation Analysis	
Time Units	years
Permeability Units	feet/year
Minimum settlement ratio for subgrade modulus	0.9

Include buoyancy effect when material settles below water table

Use average properties to calculate layered stresses

Improve consolidation accuracy

Ignore negative effective stresses in settlement calculations

Stage Settings

Stage #	Name	Time [years]
1	Stage 1	0
2	Stage 2	0.041
3	Stage 3	0.082
4	Stage 4	0.164
5	Stage 5	0.246
6	Stage 6	0.328
7	Stage 7	0.5
8	Stage 8	1
9	Stage 9	2
10	Stage 10	5

Results

Time taken to compute: 3.1894 seconds

Stage: Stage 1 = 0 y

Data Type	Minimum	Maximum
Total Settlement [in]	0	0
Total Consolidation Settlement [in]	0	0
Virgin Consolidation Settlement [in]	0	0
Recompression Consolidation Settlement [in]	0	0
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	1.62863e-012	0.371724
Loading Stress XX [ksf]	-0.206459	0.41581
Loading Stress YY [ksf]	-0.000730839	0.61205
Effective Stress ZZ [ksf]	-1.89445e-017	1.184
Effective Stress XX [ksf]	-0.183366	1.56377
Effective Stress YY [ksf]	0.00920762	1.74301
Total Stress ZZ [ksf]	0.0312	3.99046
Total Stress XX [ksf]	-0.082309	4.3562
Total Stress YY [ksf]	0.125066	4.54947
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	0	0
Pore Water Pressure [ksf]	0.0312	2.80646
Excess Pore Water Pressure [ksf]	1.48748e-012	0.339508
Degree of Consolidation [%]	0	0
Pre-consolidation Stress [ksf]	0.28	1.18344
Over-consolidation Ratio	1	538.462
Void Ratio	1.9	10.7
Permeability [ft/y]	0.0221323	116.986
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	10
Undrained Shear Strength	0	0.00111498

Stage: Stage 2 = 0.041 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.0606092	4.94667
Total Consolidation Settlement [in]	-0.0606092	4.94667
Virgin Consolidation Settlement [in]	0	0.218845
Recompression Consolidation Settlement [in]	-0.0620335	4.77848
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00831281	0.593222
Loading Stress XX [ksf]	-0.276275	0.628103
Loading Stress YY [ksf]	0.00369955	0.988766
Effective Stress ZZ [ksf]	-0.00153955	1.18409
Effective Stress XX [ksf]	-0.235039	1.77861
Effective Stress YY [ksf]	0.0256762	2.11747
Total Stress ZZ [ksf]	0.0464633	4.10879
Total Stress XX [ksf]	-0.136813	4.70261
Total Stress YY [ksf]	0.147665	5.04147
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.00374733	0.173845
Pore Water Pressure [ksf]	0.0480028	2.92739
Excess Pore Water Pressure [ksf]	0.000710966	0.539027
Degree of Consolidation [%]	0	31.2562
Pre-consolidation Stress [ksf]	0.28	1.18352
Over-consolidation Ratio	1	41.4619
Void Ratio	1.89968	10.6832
Permeability [ft/y]	0.0221323	827.897
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	64.6141
Undrained Shear Strength	0	0.0515695

Stage: Stage 3 = 0.082 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.0148559	9.38623
Total Consolidation Settlement [in]	-0.0148559	9.38623
Virgin Consolidation Settlement [in]	0	2.62096
Recompression Consolidation Settlement [in]	-0.0173761	6.76526
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00831281	0.593222
Loading Stress XX [ksf]	-0.276275	0.628103
Loading Stress YY [ksf]	0.00369955	0.988766
Effective Stress ZZ [ksf]	0.00130698	1.18469
Effective Stress XX [ksf]	-0.22051	1.7758
Effective Stress YY [ksf]	0.0404406	2.11437
Total Stress ZZ [ksf]	0.0464633	4.10879
Total Stress XX [ksf]	-0.131347	4.70261
Total Stress YY [ksf]	0.153306	5.04147
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.00523141	0.256647
Pore Water Pressure [ksf]	0.0451563	2.93038
Excess Pore Water Pressure [ksf]	0	0.532665
Degree of Consolidation [%]	0	39.4627
Pre-consolidation Stress [ksf]	0.28	1.18412
Over-consolidation Ratio	1	90.1957
Void Ratio	1.8992	10.7612
Permeability [ft/y]	0.0221323	827.897
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.00776149	80.6579
Undrained Shear Strength	0	0.0587125

Stage: Stage 4 = 0.164 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00366728	13.4281
Total Consolidation Settlement [in]	-0.00366728	13.4281
Virgin Consolidation Settlement [in]	0	3.82916
Recompression Consolidation Settlement [in]	-0.00817222	9.59889
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00831281	0.593222
Loading Stress XX [ksf]	-0.276275	0.628103
Loading Stress YY [ksf]	0.00369955	0.988766
Effective Stress ZZ [ksf]	-0.000599448	1.18524
Effective Stress XX [ksf]	-0.210529	1.77298
Effective Stress YY [ksf]	0.0621381	2.11124
Total Stress ZZ [ksf]	0.0489091	4.10879
Total Stress XX [ksf]	-0.126994	4.70261
Total Stress YY [ksf]	0.158385	5.04147
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.0343297	0.25569
Pore Water Pressure [ksf]	0.0495086	2.93338
Excess Pore Water Pressure [ksf]	0	0.519095
Degree of Consolidation [%]	0	50.483
Pre-consolidation Stress [ksf]	0.28	1.18467
Over-consolidation Ratio	1	31.6031
Void Ratio	1.89789	11.1017
Permeability [ft/y]	0.0221323	116.986
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.0218198	88.0244
Undrained Shear Strength	0	0.0587125

Stage: Stage 5 = 0.246 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00310408	15.1582
Total Consolidation Settlement [in]	-0.00310408	15.1582
Virgin Consolidation Settlement [in]	0	5.00901
Recompression Consolidation Settlement [in]	-0.00594913	10.1492
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00831281	0.593222
Loading Stress XX [ksf]	-0.276275	0.628103
Loading Stress YY [ksf]	0.00369955	0.988766
Effective Stress ZZ [ksf]	-0.000953433	1.18566
Effective Stress XX [ksf]	-0.209698	1.77083
Effective Stress YY [ksf]	0.0671309	2.10891
Total Stress ZZ [ksf]	0.0514296	4.10879
Total Stress XX [ksf]	-0.12412	4.70261
Total Stress YY [ksf]	0.161259	5.04147
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.0343297	0.255162
Pore Water Pressure [ksf]	0.052383	2.93561
Excess Pore Water Pressure [ksf]	0	0.508173
Degree of Consolidation [%]	0	57.1943
Pre-consolidation Stress [ksf]	0.28	1.18509
Over-consolidation Ratio	1	43.5669
Void Ratio	1.89396	11.1017
Permeability [ft/y]	0.0221323	116.986
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.0292626	91.0058
Undrained Shear Strength	0	0.0587125

Stage: Stage 6 = 0.328 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00407047	16.47
Total Consolidation Settlement [in]	-0.00407047	16.47
Virgin Consolidation Settlement [in]	0	6.22244
Recompression Consolidation Settlement [in]	-0.00461978	10.2538
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00831281	0.593222
Loading Stress XX [ksf]	-0.276275	0.628103
Loading Stress YY [ksf]	0.00369955	0.988766
Effective Stress ZZ [ksf]	-0.00176892	1.18604
Effective Stress XX [ksf]	-0.20919	1.76898
Effective Stress YY [ksf]	0.0702095	2.10691
Total Stress ZZ [ksf]	0.052383	4.10879
Total Stress XX [ksf]	-0.122351	4.70261
Total Stress YY [ksf]	0.163028	5.04147
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.0343297	0.254871
Pore Water Pressure [ksf]	0.0541519	2.93751
Excess Pore Water Pressure [ksf]	0	0.499091
Degree of Consolidation [%]	0	61.5452
Pre-consolidation Stress [ksf]	0.28	1.18547
Over-consolidation Ratio	1	59.9819
Void Ratio	1.88451	11.1017
Permeability [ft/y]	0.0118578	116.986
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.034989	93.8422
Undrained Shear Strength	0	0.0587125

Stage: Stage 7 = 0.5 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.0060876	18.1781
Total Consolidation Settlement [in]	-0.0060876	18.1781
Virgin Consolidation Settlement [in]	0	7.79561
Recompression Consolidation Settlement [in]	-0.0060876	10.3876
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00831281	0.593222
Loading Stress XX [ksf]	-0.276275	0.628103
Loading Stress YY [ksf]	0.00369955	0.988766
Effective Stress ZZ [ksf]	-0.000915764	1.18675
Effective Stress XX [ksf]	-0.208606	1.76503
Effective Stress YY [ksf]	0.0735503	2.10261
Total Stress ZZ [ksf]	0.0554785	4.10879
Total Stress XX [ksf]	-0.120109	4.70261
Total Stress YY [ksf]	0.165271	5.04147
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.0343297	0.254494
Pore Water Pressure [ksf]	0.0563943	2.94158
Excess Pore Water Pressure [ksf]	0	0.483511
Degree of Consolidation [%]	0	66.7146
Pre-consolidation Stress [ksf]	0.28	1.18618
Over-consolidation Ratio	1	71.6664
Void Ratio	1.87744	11.1017
Permeability [ft/y]	0.0118578	116.986
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.0447775	97.1011
Undrained Shear Strength	0	0.0587125

Stage: Stage 8 = 1 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.0123038	19.9341
Total Consolidation Settlement [in]	-0.0123038	19.9341
Virgin Consolidation Settlement [in]	0	9.23986
Recompression Consolidation Settlement [in]	-0.0123038	10.6942
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00831281	0.593222
Loading Stress XX [ksf]	-0.276275	0.628103
Loading Stress YY [ksf]	0.00369955	0.988766
Effective Stress ZZ [ksf]	-0.00043036	1.18836
Effective Stress XX [ksf]	-0.208146	1.75635
Effective Stress YY [ksf]	0.0740101	2.0936
Total Stress ZZ [ksf]	0.0580117	4.10879
Total Stress XX [ksf]	-0.118061	4.70261
Total Stress YY [ksf]	0.167318	5.04147
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.0343297	0.254079
Pore Water Pressure [ksf]	0.0584421	2.95002
Excess Pore Water Pressure [ksf]	0	0.447481
Degree of Consolidation [%]	0	71.5267
Pre-consolidation Stress [ksf]	0.28	1.18779
Over-consolidation Ratio	1	98.8083
Void Ratio	1.86793	11.1017
Permeability [ft/y]	0.0118578	116.986
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.107978	99.6301
Undrained Shear Strength	0	0.0587125

Stage: Stage 9 = 2 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.0165684	21.0909
Total Consolidation Settlement [in]	-0.0165684	21.0909
Virgin Consolidation Settlement [in]	0	10.1679
Recompression Consolidation Settlement [in]	-0.0165684	10.929
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00831281	0.593222
Loading Stress XX [ksf]	-0.276275	0.628103
Loading Stress YY [ksf]	0.00369955	0.988766
Effective Stress ZZ [ksf]	-0.000159769	1.19066
Effective Stress XX [ksf]	-0.208075	1.74708
Effective Stress YY [ksf]	0.0740815	2.08431
Total Stress ZZ [ksf]	0.0590141	4.10879
Total Stress XX [ksf]	-0.117329	4.70261
Total Stress YY [ksf]	0.16805	5.04147
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.0343297	0.25377
Pore Water Pressure [ksf]	0.0591739	2.95852
Excess Pore Water Pressure [ksf]	0	0.432357
Degree of Consolidation [%]	0	74.9447
Pre-consolidation Stress [ksf]	0.28	1.19008
Over-consolidation Ratio	1	124.045
Void Ratio	1.86001	11.1017
Permeability [ft/y]	0.0118578	116.986
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.826135	99.9727
Undrained Shear Strength	0	0.0587125

Stage: Stage 10 = 5 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00051257	23.3041
Total Consolidation Settlement [in]	-0.00051257	23.3041
Virgin Consolidation Settlement [in]	0	12.4582
Recompression Consolidation Settlement [in]	-0.00051257	10.8928
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00831281	0.593222
Loading Stress XX [ksf]	-0.276275	0.628103
Loading Stress YY [ksf]	0.00369955	0.988766
Effective Stress ZZ [ksf]	-0.000201374	1.21763
Effective Stress XX [ksf]	-0.208063	1.81178
Effective Stress YY [ksf]	0.0740928	2.15063
Total Stress ZZ [ksf]	0.059658	4.10879
Total Stress XX [ksf]	-0.116644	4.70261
Total Stress YY [ksf]	0.168736	5.04147
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.0343297	0.253152
Pore Water Pressure [ksf]	0.0598594	2.89116
Excess Pore Water Pressure [ksf]	0	0.363965
Degree of Consolidation [%]	0	83.0875
Pre-consolidation Stress [ksf]	0.28	1.21712
Over-consolidation Ratio	1	218.179
Void Ratio	1.85297	11.1017
Permeability [ft/y]	0.0225212	116.986
Coefficient of Consolidation [ft ² /y]	24.9	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	7.25153	99.9891
Undrained Shear Strength	0	0.0587125

Embankments

1. Embankment: "Embankment Load 1"

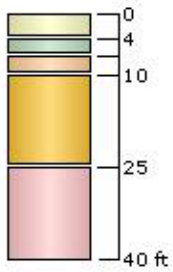
Label	Embankment Load 1
Center Line	(-13.332, -576.459) to (1544.49, -576.459)
Number of Layers	3
Near End Angle	45 degrees
Far End Angle	45 degrees
Base Width	108

Layer	Stage	Left Bench Width (ft)	Left Angle (deg)	Height (ft)	Unit Weight (kips/ft ³)	Right Angle (deg)	Right Bench Width (ft)
1	Stage 1 = 0 y	0	14.04	4.5	0.08	14.04	0
2	Stage 2 = 0.041 y	0	14.04	1.5	0.08	14.04	0
3	Stage 2 = 0.041 y	33	14.04	1.5	0.08	14.04	0





Soil Layers


Ground Surface Drained: Yes

Layer #	Type	Thickness [ft]	Depth [ft]	Drained at Bottom
1	Soil Property 1	4	0	No
2	Soil Property 2	3	4	No
3	Soil Property 3	3	7	No
4	Soil Property 4	15	10	No
5	Soil Property 5	15	25	No



Soil Properties

Property	Soil Property 1	Soil Property 2	Soil Property 3	Soil Property 4
Color				
Unit Weight [kips/ft ³]	0.065	0.09	0.1	0.09
Saturated Unit Weight [kips/ft ³]	0.065	0.09	0.1	0.09
K0	1	1	1	1
Primary Consolidation	Enabled	Enabled	Enabled	Enabled
Material Type	Non-Linear	Non-Linear	Non-Linear	Non-Linear
Cc	4.6	0.94	0.94	0.42
Cr	0.65	0.65	0.13	0.06
e0	10.7	3	3	1.9
Pc [ksf]	0.28	0.31	0.31	0.65
Cv [ft ² /y]	40.36	24.9	24.9	24.9
Cvr [ft ² /y]	40.36	24.9	24.9	24.9
B-bar	1	1	1	1
Undrained Su A [kips/ft ²]	0	0	0	0
Undrained Su S	0.2	0.2	0.2	0.2
Undrained Su m	0.8	0.8	0.8	0.8
Piezo Line ID	1	1	1	1

Property	Soil Property 5
Color	
Unit Weight [kips/ft ³]	0.1
Saturated Unit Weight [kips/ft ³]	0.1
K0	1
Primary Consolidation	Enabled
Material Type	Non-Linear
Cc	0.42
Cr	0.06
e0	1.9
Pc [ksf]	0.65
Cv [ft ² /y]	25
Cvr [ft ² /y]	25
B-bar	1
Undrained Su A [kips/ft ²]	0
Undrained Su S	0.2
Undrained Su m	0.8
Piezo Line ID	1

Groundwater

Groundwater method Piezometric Lines
 Water Unit Weight 0.0624 kips/ft³

Piezometric Line Entities

ID	Depth (ft)
1	-0.5 ft

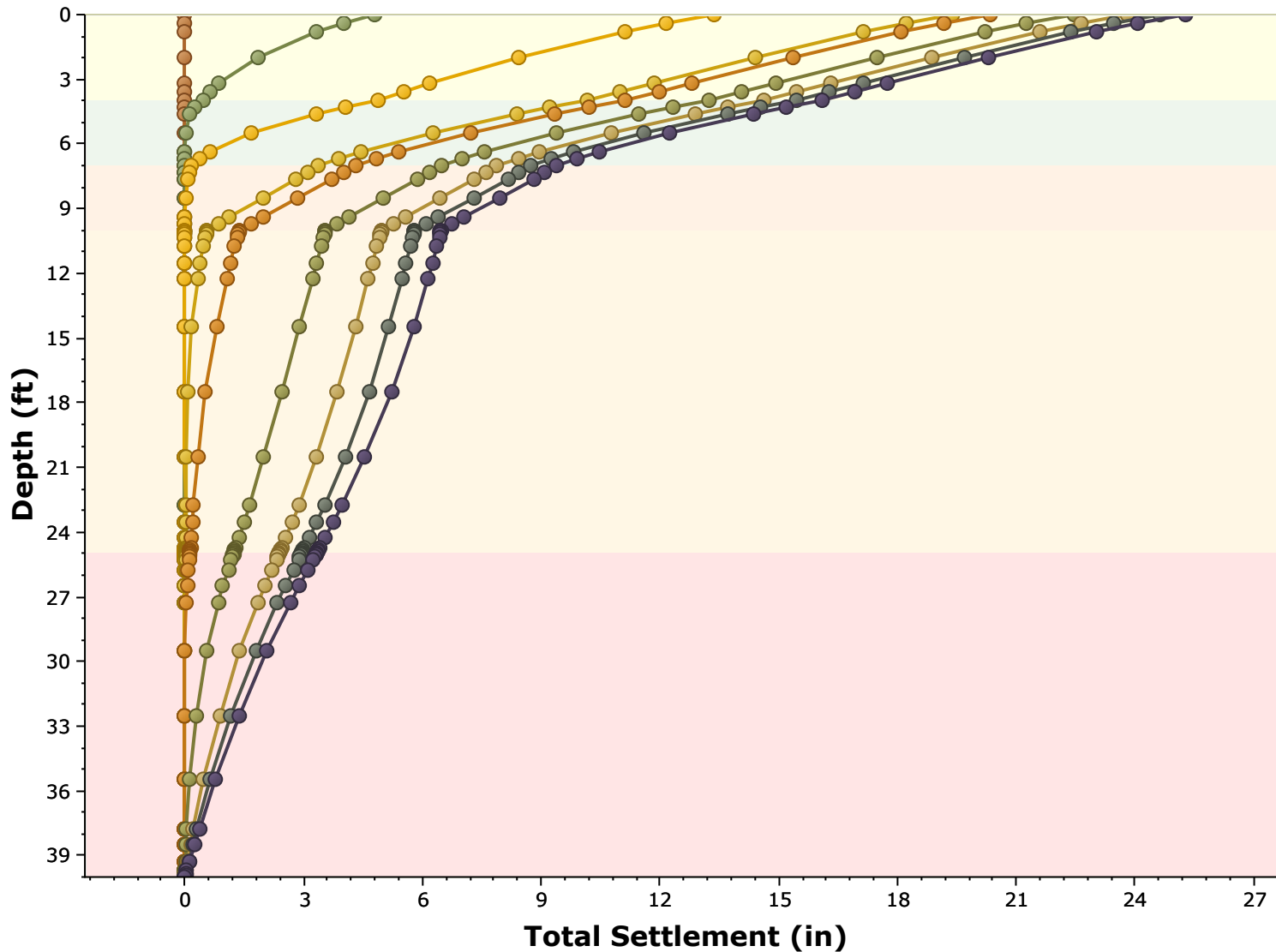
Query Points

Point #	Query Point Name	(X,Y) Location	Number of Divisions
1	Query Point 1	831.066, -598.748	Auto: 55

Query Lines


Line #	Query Line Name	Start Location	End Location	Horizontal Divisions	Vertical Divisions
1	Query Line 1	-19.332, -562.687	1550.49, -562.687	20	Auto: 55
2	Query Line 2	777.919, -528.459	777.919, -624.459	20	Auto: 55

Total Settlement vs. Depth



- Query Point 1 (Stage 1 = 0 y)
- Query Point 1 (Stage 2 = 0.038 y)
- Query Point 1 (Stage 3 = 0.164 y)
- Query Point 1 (Stage 4 = 1 y)
- Query Point 1 (Stage 5 = 2 y)
- Query Point 1 (Stage 6 = 5 y)
- Query Point 1 (Stage 7 = 10 y)
- Query Point 1 (Stage 8 = 15 y)
- Query Point 1 (Stage 9 = 20 y)

Reference Stage: None

	<i>Project</i>		Breton Landbridge Marsh Creation	
	<i>Analysis Description</i>		MCA - 2	
	<i>Drawn By</i>		<i>Company</i>	
	<i>Date</i>		<i>File Name</i>	
		5/10/2021, 12:56:15 PM		mca 2 Lake Berm.s3z

Settle3D Analysis Information

Breton Landbridge Marsh Creation

Project Settings

Document Name mca 4 ECD
 Project Title Breton Landbridge Marsh Creation
 Analysis MCA - 4 ECD
 Date Created 5/10/2021, 12:56:15 PM
 Stress Computation Method Boussinesq
 Time-dependent Consolidation Analysis
 Time Units years
 Permeability Units feet/year
 Minimum settlement ratio for subgrade modulus 0.9

Use average properties to calculate layered stresses

Improve consolidation accuracy

Ignore negative effective stresses in settlement calculations

Stage Settings

Stage #	Name	Time [years]
1	Stage 1	0
2	Stage 2	0.041
3	Stage 3	0.082
4	Stage 4	0.164
5	Stage 5	0.246
6	Stage 6	0.328
7	Stage 7	0.5
8	Stage 8	1
9	Stage 9	2
10	Stage 10	5

Results

Time taken to compute: 3.90917 seconds

Stage: Stage 1 = 0 y

Data Type	Minimum	Maximum
Total Settlement [in]	0	0
Total Consolidation Settlement [in]	0	0
Virgin Consolidation Settlement [in]	0	0
Recompression Consolidation Settlement [in]	0	0
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	-3.97864e-012	0.404789
Loading Stress XX [ksf]	-0.171843	0.335633
Loading Stress YY [ksf]	-0.0694593	0.48138
Effective Stress ZZ [ksf]	0	1.184
Effective Stress XX [ksf]	-0.147495	1.48223
Effective Stress YY [ksf]	-0.0497182	1.6033
Total Stress ZZ [ksf]	0.0312	3.87142
Total Stress XX [ksf]	-0.0492925	4.1677
Total Stress YY [ksf]	0.0276658	4.29072
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	0	0
Pore Water Pressure [ksf]	0.0312	2.68742
Excess Pore Water Pressure [ksf]	-3.53531e-012	0.359684
Degree of Consolidation [%]	0	0
Pre-consolidation Stress [ksf]	0.31	1.18344
Over-consolidation Ratio	1	596.154
Void Ratio	0.9	2.05
Permeability [ft/y]	0.0258929	19.5695
Coefficient of Consolidation [ft ² /y]	10.4	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	10
Undrained Shear Strength	0	0

Stage: Stage 2 = 0.041 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.128707	1.88746
Total Consolidation Settlement [in]	-0.128707	1.88746
Virgin Consolidation Settlement [in]	0	0.0661695
Recompression Consolidation Settlement [in]	-0.130109	1.86043
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00030944	0.532442
Loading Stress XX [ksf]	-0.267529	0.627198
Loading Stress YY [ksf]	-0.103302	0.869604
Effective Stress ZZ [ksf]	0	1.18406
Effective Stress XX [ksf]	-0.240546	1.77068
Effective Stress YY [ksf]	-0.0790178	1.9615
Total Stress ZZ [ksf]	0.0315094	3.9539
Total Stress XX [ksf]	-0.13242	4.54051
Total Stress YY [ksf]	0.00970204	4.73439
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.00749595	0.113588
Pore Water Pressure [ksf]	0.0315094	2.77289
Excess Pore Water Pressure [ksf]	0.00030944	0.471453
Degree of Consolidation [%]	0	25.1509
Pre-consolidation Stress [ksf]	0.31	1.1835
Over-consolidation Ratio	1	664.525
Void Ratio	0.899964	2.07286
Permeability [ft/y]	0.0258929	136.986
Coefficient of Consolidation [ft ² /y]	10.4	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	40.0021
Undrained Shear Strength	0	0.0565459

Stage: Stage 3 = 0.082 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.073697	2.97014
Total Consolidation Settlement [in]	-0.073697	2.97014
Virgin Consolidation Settlement [in]	0	0.457732
Recompression Consolidation Settlement [in]	-0.0762234	2.52979
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00030944	0.532442
Loading Stress XX [ksf]	-0.267529	0.627198
Loading Stress YY [ksf]	-0.103302	0.869604
Effective Stress ZZ [ksf]	0.00030944	1.18443
Effective Stress XX [ksf]	-0.235827	1.76722
Effective Stress YY [ksf]	-0.077326	1.95815
Total Stress ZZ [ksf]	0.0315094	3.9539
Total Stress XX [ksf]	-0.13242	4.54051
Total Stress YY [ksf]	0.00970204	4.73439
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.00360492	0.150271
Pore Water Pressure [ksf]	0.0312	2.77624
Excess Pore Water Pressure [ksf]	0	0.466554
Degree of Consolidation [%]	0	31.0369
Pre-consolidation Stress [ksf]	0.31	1.18386
Over-consolidation Ratio	1	174.869
Void Ratio	0.899937	2.061
Permeability [ft/y]	0.0258929	136.986
Coefficient of Consolidation [ft ² /y]	10.4	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	56.4872
Undrained Shear Strength	0	0.0612337

Stage: Stage 4 = 0.164 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.0246588	3.87898
Total Consolidation Settlement [in]	-0.0246588	3.87898
Virgin Consolidation Settlement [in]	0	0.704086
Recompression Consolidation Settlement [in]	-0.0288663	3.18538
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00030944	0.532442
Loading Stress XX [ksf]	-0.267529	0.627198
Loading Stress YY [ksf]	-0.103302	0.869604
Effective Stress ZZ [ksf]	0.00030944	1.18483
Effective Stress XX [ksf]	-0.22663	1.76357
Effective Stress YY [ksf]	-0.0742866	1.95462
Total Stress ZZ [ksf]	0.0315094	3.9539
Total Stress XX [ksf]	-0.13242	4.54051
Total Stress YY [ksf]	0.00970204	4.73439
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000832119	0.151909
Pore Water Pressure [ksf]	0.0312	2.77977
Excess Pore Water Pressure [ksf]	0	0.454233
Degree of Consolidation [%]	0	37.858
Pre-consolidation Stress [ksf]	0.31	1.18426
Over-consolidation Ratio	1	167.322
Void Ratio	0.899917	2.05254
Permeability [ft/y]	0.0258929	136.986
Coefficient of Consolidation [ft ² /y]	10.4	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	69.904
Undrained Shear Strength	0	0.0617167

Stage: Stage 5 = 0.246 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.0123892	4.49858
Total Consolidation Settlement [in]	-0.0123892	4.49858
Virgin Consolidation Settlement [in]	0	0.896877
Recompression Consolidation Settlement [in]	-0.018025	3.6017
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00030944	0.532442
Loading Stress XX [ksf]	-0.267529	0.627198
Loading Stress YY [ksf]	-0.103302	0.869604
Effective Stress ZZ [ksf]	0.00030944	1.18518
Effective Stress XX [ksf]	-0.220861	1.76072
Effective Stress YY [ksf]	-0.0716213	1.9519
Total Stress ZZ [ksf]	0.0315094	3.9539
Total Stress XX [ksf]	-0.13242	4.54051
Total Stress YY [ksf]	0.00970204	4.73439
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000442609	0.151928
Pore Water Pressure [ksf]	0.0312	2.78249
Excess Pore Water Pressure [ksf]	0	0.446038
Degree of Consolidation [%]	0	42.3131
Pre-consolidation Stress [ksf]	0.31	1.18462
Over-consolidation Ratio	1	164.34
Void Ratio	0.899818	2.05135
Permeability [ft/y]	0.00644317	136.986
Coefficient of Consolidation [ft ² /y]	10.4	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.0390793	81.1283
Undrained Shear Strength	0	0.0617323

Stage: Stage 6 = 0.328 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00458475	5.05085
Total Consolidation Settlement [in]	-0.00458475	5.05085
Virgin Consolidation Settlement [in]	0	1.12451
Recompression Consolidation Settlement [in]	-0.0149204	3.92634
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00030944	0.532442
Loading Stress XX [ksf]	-0.267529	0.627198
Loading Stress YY [ksf]	-0.103302	0.869604
Effective Stress ZZ [ksf]	0.00030944	1.18552
Effective Stress XX [ksf]	-0.21693	1.75786
Effective Stress YY [ksf]	-0.0693729	1.94909
Total Stress ZZ [ksf]	0.0315094	3.9539
Total Stress XX [ksf]	-0.13242	4.54051
Total Stress YY [ksf]	0.00970204	4.73439
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000307896	0.152013
Pore Water Pressure [ksf]	0.0312	2.7853
Excess Pore Water Pressure [ksf]	0	0.437892
Degree of Consolidation [%]	0	45.5971
Pre-consolidation Stress [ksf]	0.31	1.18495
Over-consolidation Ratio	1	162.348
Void Ratio	0.899705	2.05094
Permeability [ft/y]	0.00644317	136.986
Coefficient of Consolidation [ft ² /y]	10.4	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.0593704	86.5434
Undrained Shear Strength	0	0.061758

Stage: Stage 7 = 0.5 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00581786	6.00827
Total Consolidation Settlement [in]	-0.00581786	6.00827
Virgin Consolidation Settlement [in]	0	1.60905
Recompression Consolidation Settlement [in]	-0.0114197	4.39922
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00030944	0.532442
Loading Stress XX [ksf]	-0.267529	0.627198
Loading Stress YY [ksf]	-0.103302	0.869604
Effective Stress ZZ [ksf]	0.00030944	1.18622
Effective Stress XX [ksf]	-0.21158	1.75195
Effective Stress YY [ksf]	-0.066076	1.94377
Total Stress ZZ [ksf]	0.0315094	3.9539
Total Stress XX [ksf]	-0.13242	4.54051
Total Stress YY [ksf]	0.00970204	4.73439
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000108923	0.15197
Pore Water Pressure [ksf]	0.0312	2.79062
Excess Pore Water Pressure [ksf]	0	0.422425
Degree of Consolidation [%]	0	50.4346
Pre-consolidation Stress [ksf]	0.31	1.18565
Over-consolidation Ratio	1	159.641
Void Ratio	0.899531	2.04956
Permeability [ft/y]	0.00644317	136.986
Coefficient of Consolidation [ft ² /y]	10.4	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.0959511	92.6131
Undrained Shear Strength	0	0.0616259

Stage: Stage 8 = 1 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.0136446	8.75357
Total Consolidation Settlement [in]	-0.0136446	8.75357
Virgin Consolidation Settlement [in]	0	3.88548
Recompression Consolidation Settlement [in]	-0.013759	4.88156
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00030944	0.532442
Loading Stress XX [ksf]	-0.267529	0.627198
Loading Stress YY [ksf]	-0.103302	0.869604
Effective Stress ZZ [ksf]	0.00030944	1.18817
Effective Stress XX [ksf]	-0.205964	1.73988
Effective Stress YY [ksf]	-0.061585	1.93175
Total Stress ZZ [ksf]	0.0315094	3.9539
Total Stress XX [ksf]	-0.13242	4.54051
Total Stress YY [ksf]	0.00970204	4.73439
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000132689	0.152206
Pore Water Pressure [ksf]	0.0312	2.80264
Excess Pore Water Pressure [ksf]	0	0.357582
Degree of Consolidation [%]	0	57.8929
Pre-consolidation Stress [ksf]	0.31	1.1876
Over-consolidation Ratio	1	156.242
Void Ratio	0.899317	2.04516
Permeability [ft/y]	0.00644317	136.986
Coefficient of Consolidation [ft ² /y]	10.4	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.112758	98.6875
Undrained Shear Strength	0	0.0618159

Stage: Stage 9 = 2 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.0206952	11.2031
Total Consolidation Settlement [in]	-0.0206952	11.2031
Virgin Consolidation Settlement [in]	0	6.15992
Recompression Consolidation Settlement [in]	-0.0209286	5.0448
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00030944	0.532442
Loading Stress XX [ksf]	-0.267529	0.627198
Loading Stress YY [ksf]	-0.103302	0.869604
Effective Stress ZZ [ksf]	0.00030944	1.19154
Effective Stress XX [ksf]	-0.205444	1.72421
Effective Stress YY [ksf]	-0.0594628	1.91667
Total Stress ZZ [ksf]	0.0315094	3.9539
Total Stress XX [ksf]	-0.13242	4.54051
Total Stress YY [ksf]	0.00970204	4.73439
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000195433	0.152284
Pore Water Pressure [ksf]	0.0312	2.81824
Excess Pore Water Pressure [ksf]	0	0.314473
Degree of Consolidation [%]	0	68.8975
Pre-consolidation Stress [ksf]	0.31	1.19098
Over-consolidation Ratio	1	154.644
Void Ratio	0.898786	2.04215
Permeability [ft/y]	0.00644317	136.986
Coefficient of Consolidation [ft ² /y]	10.4	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.194657	99.5998
Undrained Shear Strength	0	0.0618391

Stage: Stage 10 = 5 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00252651	13.7889
Total Consolidation Settlement [in]	-0.00252651	13.7889
Virgin Consolidation Settlement [in]	0	8.70658
Recompression Consolidation Settlement [in]	-0.00252651	5.08252
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00030944	0.532442
Loading Stress XX [ksf]	-0.267529	0.627198
Loading Stress YY [ksf]	-0.103302	0.869604
Effective Stress ZZ [ksf]	0.00030944	1.20177
Effective Stress XX [ksf]	-0.205303	1.76261
Effective Stress YY [ksf]	-0.0587607	1.95449
Total Stress ZZ [ksf]	0.0315094	3.9539
Total Stress XX [ksf]	-0.13242	4.54051
Total Stress YY [ksf]	0.00970204	4.73439
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-7.65818e-005	0.152298
Pore Water Pressure [ksf]	0.0312	2.77993
Excess Pore Water Pressure [ksf]	0	0.252725
Degree of Consolidation [%]	0	84.4736
Pre-consolidation Stress [ksf]	0.31	1.2012
Over-consolidation Ratio	1	154.16
Void Ratio	0.883857	2.04025
Permeability [ft/y]	0.00644317	136.986
Coefficient of Consolidation [ft ² /y]	10.4	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	6.57938	99.9705
Undrained Shear Strength	0	0.0618432

Embankments

1. Embankment: "Embankment Load 1"

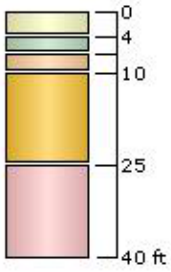
Label	Embankment Load 1
Center Line	(-13.332, -576.459) to (1544.49, -576.459)
Number of Layers	2
Near End Angle	45 degrees
Far End Angle	45 degrees
Base Width	65

Layer	Stage	Left Bench Width (ft)	Left Angle (deg)	Height (ft)	Unit Weight (kips/ft ³)	Right Angle (deg)	Right Bench Width (ft)
1	Stage 1 = 0 y	0	14.04	3.5	0.08	14.04	0
2	Stage 2 = 0.041 y	0	14.04	3	0.08	14.04	0





Soil Layers


Ground Surface Drained: Yes

Layer #	Type	Thickness [ft]	Depth [ft]	Drained at Bottom
1	Soil Property 1	4	0	No
2	Soil Property 2	3	4	No
3	Soil Property 3	3	7	No
4	Soil Property 4	15	10	No
5	Soil Property 5	15	25	No



Soil Properties

Property	Soil Property 1	Soil Property 2	Soil Property 3	Soil Property 4
Color				
Unit Weight [kips/ft ³]	0.065	0.09	0.1	0.09
Saturated Unit Weight [kips/ft ³]	0.065	0.09	0.1	0.09
K0	1	1	1	1
Primary Consolidation	Enabled	Enabled	Enabled	Enabled
Material Type	Non-Linear	Non-Linear	Non-Linear	Non-Linear
Cc	0.77	0.77	0.77	0.24
Cr	0.11	0.11	0.11	0.03
e0	2.05	2.05	2.05	1.6
Pc [ksf]	0.31	0.31	0.31	0.55
Cv [ft ² /y]	10.4	10.4	10.4	40.36
Cvr [ft ² /y]	10.4	10.4	10.4	40.36
B-bar	1	1	1	1
Undrained Su A [kips/ft ²]	0	0	0	0
Undrained Su S	0.2	0.2	0.2	0.2
Undrained Su m	0.8	0.8	0.8	0.8
Piezo Line ID	1	1	1	1

Property	Soil Property 5
Color	
Unit Weight [kips/ft ³]	0.1
Saturated Unit Weight [kips/ft ³]	0.1
K0	1
Primary Consolidation	Enabled
Material Type	Non-Linear
Cc	0.17
Cr	0.02
e0	0.9
Pc [ksf]	0.58
Cv [ft ² /y]	26.7
Cvr [ft ² /y]	26.7
B-bar	1
Undrained Su A [kips/ft ²]	0
Undrained Su S	0.2
Undrained Su m	0.8
Piezo Line ID	1

Groundwater

Groundwater method Piezometric Lines
 Water Unit Weight 0.0624 kips/ft³

Piezometric Line Entities

ID	Depth (ft)
1	-0.5 ft

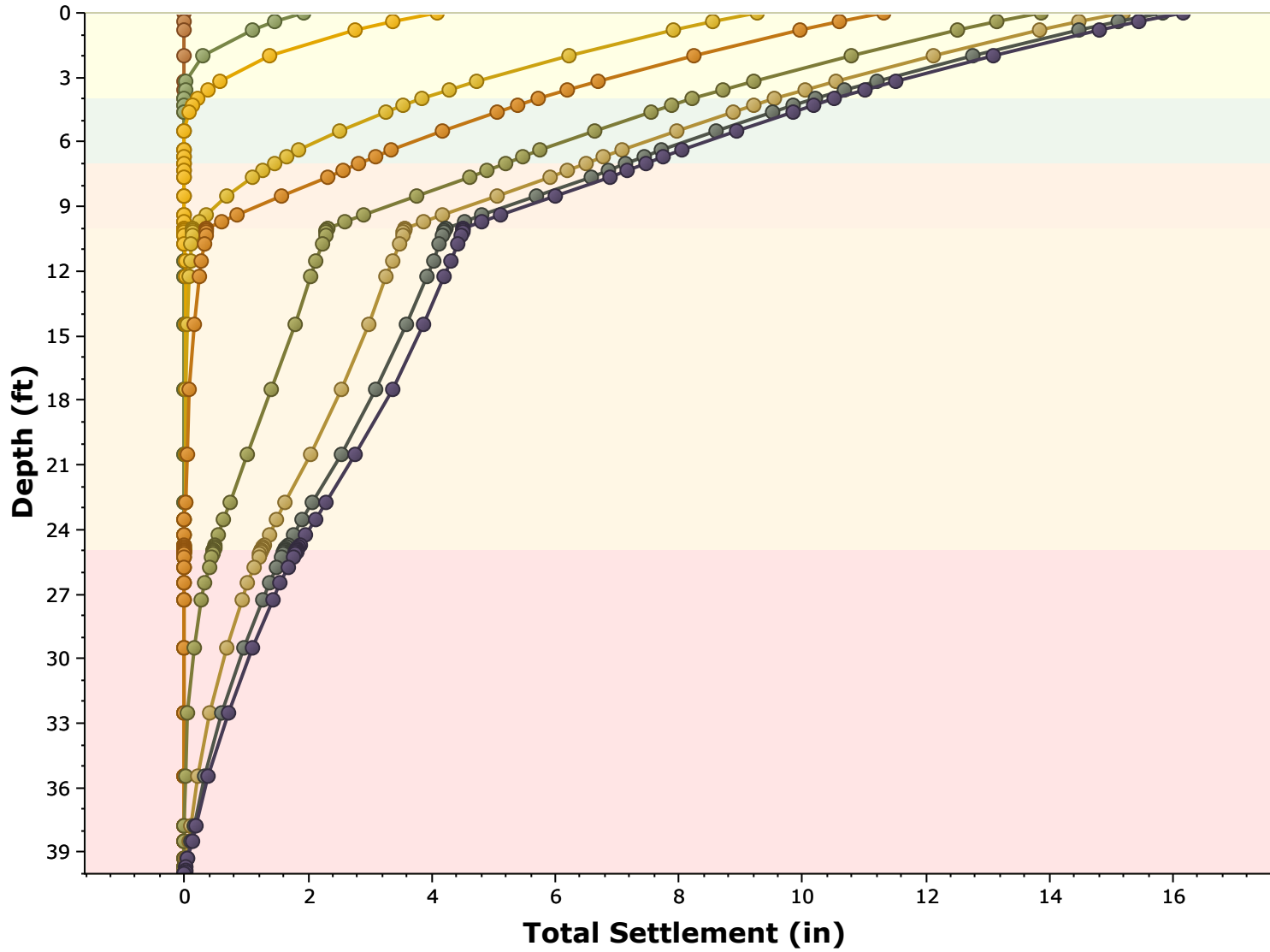
Query Points

Point #	Query Point Name	(X,Y) Location	Number of Divisions
1	Query Point 1	779.133, -582.281	Auto: 55

Query Lines

Line #	Query Line Name	Start Location	End Location	Horizontal Divisions	Vertical Divisions
1	Query Line 1	-20.582, -576.459	1551.74, -576.459	20	Auto: 55
2	Query Line 2	769.488, -550.959	769.488, -601.959	20	Auto: 55
3	Query Line 3	1073.86, -543.959	1073.86, -608.959	20	Auto: 55

Total Settlement vs. Depth



- Query Point 1 (Stage 1 = 0 y)
- Query Point 1 (Stage 2 = 0.038 y)
- Query Point 1 (Stage 3 = 0.164 y)
- Query Point 1 (Stage 4 = 1 y)
- Query Point 1 (Stage 5 = 2 y)
- Query Point 1 (Stage 6 = 5 y)
- Query Point 1 (Stage 7 = 10 y)
- Query Point 1 (Stage 8 = 15 y)
- Query Point 1 (Stage 9 = 20 y)

Reference Stage: None



<i>Project</i>	Breton Landbridge Marsh Creation		
<i>Analysis Description</i>	MCA - 4		
<i>Drawn By</i>		<i>Company</i>	
<i>Date</i>	5/10/2021, 12:56:15 PM	<i>File Name</i>	mca 4 ECD.s3z

Settle3D Analysis Information

Breton Landbridge Marsh Creation

Project Settings

Document Name mca 4 Lake Dike
 Project Title Breton Landbridge Marsh Creation
 Analysis MCA - 1 Lake Dike
 Date Created 5/10/2021, 12:56:15 PM
 Stress Computation Method Boussinesq
 Time-dependent Consolidation Analysis
 Time Units years
 Permeability Units feet/year
 Minimum settlement ratio for subgrade modulus 0.9

Use average properties to calculate layered stresses

Improve consolidation accuracy

Ignore negative effective stresses in settlement calculations

Stage Settings

Stage #	Name	Time [years]
1	Stage 1	0
2	Stage 2	0.041
3	Stage 3	0.082
4	Stage 4	0.164
5	Stage 5	0.246
6	Stage 6	0.328
7	Stage 7	0.5
8	Stage 8	1
9	Stage 9	2
10	Stage 10	5

Results

Time taken to compute: 3.07147 seconds

Stage: Stage 1 = 0 y

Data Type	Minimum	Maximum
Total Settlement [in]	0	0
Total Consolidation Settlement [in]	0	0
Virgin Consolidation Settlement [in]	0	0
Recompression Consolidation Settlement [in]	0	0
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	4.01029e-012	0.24
Loading Stress XX [ksf]	-0.140289	0.276226
Loading Stress YY [ksf]	-0.00459952	0.407182
Effective Stress ZZ [ksf]	0	1.184
Effective Stress XX [ksf]	-0.116851	1.42432
Effective Stress YY [ksf]	0.00431842	1.53825
Total Stress ZZ [ksf]	0.0312	3.89093
Total Stress XX [ksf]	-0.044191	4.11844
Total Stress YY [ksf]	0.0968994	4.24518
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	0	0
Pore Water Pressure [ksf]	0.0312	2.70693
Excess Pore Water Pressure [ksf]	3.48895e-012	0.2088
Degree of Consolidation [%]	0	0
Pre-consolidation Stress [ksf]	0.31	1.18344
Over-consolidation Ratio	1	596.154
Void Ratio	0.9	2.05
Permeability [ft/y]	0.0258929	19.5695
Coefficient of Consolidation [ft ² /y]	10.4	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	10
Undrained Shear Strength	0	0

Stage: Stage 2 = 0.041 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.000197044	1.76734
Total Consolidation Settlement [in]	-0.000197044	1.76734
Virgin Consolidation Settlement [in]	0	0.00104833
Recompression Consolidation Settlement [in]	-0.00037346	1.76665
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00887224	0.516841
Loading Stress XX [ksf]	-0.236136	0.547572
Loading Stress YY [ksf]	0.00302164	0.855335
Effective Stress ZZ [ksf]	3.48895e-012	1.18333
Effective Stress XX [ksf]	-0.206947	1.69901
Effective Stress YY [ksf]	0.0154405	1.98509
Total Stress ZZ [ksf]	0.0400722	4.0494
Total Stress XX [ksf]	-0.130827	4.55984
Total Stress YY [ksf]	0.117994	4.84957
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-9.12033e-006	0.0930266
Pore Water Pressure [ksf]	0.0400722	2.86704
Excess Pore Water Pressure [ksf]	0.00887224	0.475882
Degree of Consolidation [%]	0	15.3222
Pre-consolidation Stress [ksf]	0.31	1.18344
Over-consolidation Ratio	1	81.6808
Void Ratio	0.9	2.05003
Permeability [ft/y]	0.0258929	19.5695
Coefficient of Consolidation [ft ² /y]	10.4	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	3.60528
Undrained Shear Strength	0	0.00123129

Stage: Stage 3 = 0.082 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00673655	2.9449
Total Consolidation Settlement [in]	-0.00673655	2.9449
Virgin Consolidation Settlement [in]	0	0.428998
Recompression Consolidation Settlement [in]	-0.00988645	2.51599
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00887224	0.516841
Loading Stress XX [ksf]	-0.236136	0.547572
Loading Stress YY [ksf]	0.00302164	0.855335
Effective Stress ZZ [ksf]	0.00887224	1.18273
Effective Stress XX [ksf]	-0.199004	1.69642
Effective Stress YY [ksf]	0.0209231	1.98192
Total Stress ZZ [ksf]	0.0400722	4.0494
Total Stress XX [ksf]	-0.130827	4.55984
Total Stress YY [ksf]	0.117994	4.84957
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000243436	0.147146
Pore Water Pressure [ksf]	0.0312	2.87006
Excess Pore Water Pressure [ksf]	0	0.473078
Degree of Consolidation [%]	0	25.6765
Pre-consolidation Stress [ksf]	0.31	1.18344
Over-consolidation Ratio	1	23.0016
Void Ratio	0.899989	2.05074
Permeability [ft/y]	0.0258929	136.986
Coefficient of Consolidation [ft ² /y]	10.4	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0	51.5992
Undrained Shear Strength	0	0.0608266

Stage: Stage 4 = 0.164 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00548166	3.96918
Total Consolidation Settlement [in]	-0.00548166	3.96918
Virgin Consolidation Settlement [in]	0	0.769356
Recompression Consolidation Settlement [in]	-0.0112368	3.20272
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00887224	0.516841
Loading Stress XX [ksf]	-0.236136	0.547572
Loading Stress YY [ksf]	0.00302164	0.855335
Effective Stress ZZ [ksf]	0.00887224	1.18211
Effective Stress XX [ksf]	-0.18713	1.69391
Effective Stress YY [ksf]	0.0330303	1.979
Total Stress ZZ [ksf]	0.0400722	4.0494
Total Stress XX [ksf]	-0.130827	4.55984
Total Stress YY [ksf]	0.117994	4.84957
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000270907	0.148947
Pore Water Pressure [ksf]	0.0312	2.87282
Excess Pore Water Pressure [ksf]	0	0.466228
Degree of Consolidation [%]	0	33.7251
Pre-consolidation Stress [ksf]	0.31	1.18344
Over-consolidation Ratio	1	21.751
Void Ratio	0.899939	2.05083
Permeability [ft/y]	0.0258929	136.986
Coefficient of Consolidation [ft ² /y]	10.4	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.00222611	70.0825
Undrained Shear Strength	0	0.0613512

Stage: Stage 5 = 0.246 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00246037	4.62849
Total Consolidation Settlement [in]	-0.00246037	4.62849
Virgin Consolidation Settlement [in]	0	0.977863
Recompression Consolidation Settlement [in]	-0.0102294	3.65297
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00887224	0.516841
Loading Stress XX [ksf]	-0.236136	0.547572
Loading Stress YY [ksf]	0.00302164	0.855335
Effective Stress ZZ [ksf]	0.00887224	1.18166
Effective Stress XX [ksf]	-0.185652	1.69203
Effective Stress YY [ksf]	0.0436294	1.97686
Total Stress ZZ [ksf]	0.0400722	4.0494
Total Stress XX [ksf]	-0.130827	4.55984
Total Stress YY [ksf]	0.117994	4.84957
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000190216	0.148957
Pore Water Pressure [ksf]	0.0312	2.87486
Excess Pore Water Pressure [ksf]	0	0.461152
Degree of Consolidation [%]	0	38.6121
Pre-consolidation Stress [ksf]	0.31	1.18344
Over-consolidation Ratio	1	21.4534
Void Ratio	0.899856	2.05058
Permeability [ft/y]	0.0258929	136.986
Coefficient of Consolidation [ft ² /y]	10.4	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.023332	81.2248
Undrained Shear Strength	0	0.0613664

Stage: Stage 6 = 0.328 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00251471	5.24065
Total Consolidation Settlement [in]	-0.00251471	5.24065
Virgin Consolidation Settlement [in]	0	1.25388
Recompression Consolidation Settlement [in]	-0.00855179	3.98677
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00887224	0.516841
Loading Stress XX [ksf]	-0.236136	0.547572
Loading Stress YY [ksf]	0.00302164	0.855335
Effective Stress ZZ [ksf]	0.00887224	1.18129
Effective Stress XX [ksf]	-0.184739	1.6904
Effective Stress YY [ksf]	0.0508262	1.97503
Total Stress ZZ [ksf]	0.0400722	4.0494
Total Stress XX [ksf]	-0.130827	4.55984
Total Stress YY [ksf]	0.117994	4.84957
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000166493	0.149045
Pore Water Pressure [ksf]	0.0312	2.87659
Excess Pore Water Pressure [ksf]	0	0.455945
Degree of Consolidation [%]	0	42.1738
Pre-consolidation Stress [ksf]	0.31	1.18344
Over-consolidation Ratio	1	21.2787
Void Ratio	0.899772	2.05051
Permeability [ft/y]	0.00644317	136.986
Coefficient of Consolidation [ft ² /y]	10.4	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.0369795	86.5318
Undrained Shear Strength	0	0.0613925

Stage: Stage 7 = 0.5 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00373056	6.32273
Total Consolidation Settlement [in]	-0.00373056	6.32273
Virgin Consolidation Settlement [in]	0	1.86434
Recompression Consolidation Settlement [in]	-0.00659374	4.45839
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00887224	0.516841
Loading Stress XX [ksf]	-0.236136	0.547572
Loading Stress YY [ksf]	0.00302164	0.855335
Effective Stress ZZ [ksf]	0.00887224	1.18066
Effective Stress XX [ksf]	-0.183556	1.68743
Effective Stress YY [ksf]	0.0556967	1.97145
Total Stress ZZ [ksf]	0.0400722	4.0494
Total Stress XX [ksf]	-0.130827	4.55984
Total Stress YY [ksf]	0.117994	4.84957
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-6.40046e-005	0.149108
Pore Water Pressure [ksf]	0.0312	2.87995
Excess Pore Water Pressure [ksf]	0	0.44503
Degree of Consolidation [%]	0	47.4238
Pre-consolidation Stress [ksf]	0.31	1.18344
Over-consolidation Ratio	1	21.059
Void Ratio	0.899632	2.04816
Permeability [ft/y]	0.00644317	136.986
Coefficient of Consolidation [ft ² /y]	10.4	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.0617325	91.9276
Undrained Shear Strength	0	0.0614113

Stage: Stage 8 = 1 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.00784299	9.2108
Total Consolidation Settlement [in]	-0.00784299	9.2108
Virgin Consolidation Settlement [in]	0	4.30695
Recompression Consolidation Settlement [in]	-0.00784299	4.90385
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00887224	0.516841
Loading Stress XX [ksf]	-0.236136	0.547572
Loading Stress YY [ksf]	0.00302164	0.855335
Effective Stress ZZ [ksf]	0.00887224	1.17942
Effective Stress XX [ksf]	-0.182127	1.67906
Effective Stress YY [ksf]	0.0571262	1.96218
Total Stress ZZ [ksf]	0.0400722	4.0494
Total Stress XX [ksf]	-0.130827	4.55984
Total Stress YY [ksf]	0.117994	4.84957
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-9.89934e-005	0.149244
Pore Water Pressure [ksf]	0.0312	2.88857
Excess Pore Water Pressure [ksf]	0	0.400582
Degree of Consolidation [%]	0	55.4655
Pre-consolidation Stress [ksf]	0.31	1.18344
Over-consolidation Ratio	1	20.8014
Void Ratio	0.89935	2.04015
Permeability [ft/y]	0.00644317	136.986
Coefficient of Consolidation [ft ² /y]	10.4	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.104328	97.1335
Undrained Shear Strength	0	0.0614516

Stage: Stage 9 = 2 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.0130372	11.5111
Total Consolidation Settlement [in]	-0.0130372	11.5111
Virgin Consolidation Settlement [in]	0	6.43963
Recompression Consolidation Settlement [in]	-0.0130372	5.07214
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00887224	0.516841
Loading Stress XX [ksf]	-0.236136	0.547572
Loading Stress YY [ksf]	0.00302164	0.855335
Effective Stress ZZ [ksf]	0.00887224	1.17839
Effective Stress XX [ksf]	-0.181496	1.6684
Effective Stress YY [ksf]	0.0577563	1.95092
Total Stress ZZ [ksf]	0.0400722	4.0494
Total Stress XX [ksf]	-0.130827	4.55984
Total Stress YY [ksf]	0.117994	4.84957
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-0.000143638	0.14933
Pore Water Pressure [ksf]	0.0312	2.89919
Excess Pore Water Pressure [ksf]	0	0.378156
Degree of Consolidation [%]	0	67.3056
Pre-consolidation Stress [ksf]	0.31	1.18344
Over-consolidation Ratio	1	20.6904
Void Ratio	0.897787	2.03248
Permeability [ft/y]	0.00644317	136.986
Coefficient of Consolidation [ft ² /y]	10.4	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	0.432612	99.4756
Undrained Shear Strength	0	0.0614772

Stage: Stage 10 = 5 y

Data Type	Minimum	Maximum
Total Settlement [in]	-0.000174265	14.4533
Total Consolidation Settlement [in]	-0.000174265	14.4533
Virgin Consolidation Settlement [in]	0	9.37037
Recompression Consolidation Settlement [in]	-0.000174265	5.08291
Immediate Settlement [in]	0	0
Secondary Settlement [in]	0	0
Loading Stress ZZ [ksf]	0.00887224	0.516841
Loading Stress XX [ksf]	-0.236136	0.547572
Loading Stress YY [ksf]	0.00302164	0.855335
Effective Stress ZZ [ksf]	0.00887224	1.2023
Effective Stress XX [ksf]	-0.181335	1.71419
Effective Stress YY [ksf]	0.0579173	2.00392
Total Stress ZZ [ksf]	0.0400722	4.0494
Total Stress XX [ksf]	-0.130827	4.55984
Total Stress YY [ksf]	0.117994	4.84957
Modulus of Subgrade Reaction (Total) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Immediate) [ksf/ft]	0	0
Modulus of Subgrade Reaction (Consolidation) [ksf/ft]	0	0
Total Strain	-1.60974e-005	0.149349
Pore Water Pressure [ksf]	0.0312	2.85288
Excess Pore Water Pressure [ksf]	0	0.325684
Degree of Consolidation [%]	0	83.1623
Pre-consolidation Stress [ksf]	0.31	1.20179
Over-consolidation Ratio	1	20.6623
Void Ratio	0.880776	2.02779
Permeability [ft/y]	0.0309024	136.986
Coefficient of Consolidation [ft ² /y]	10.4	40.36
Hydroconsolidation Settlement [in]	0	0
Average Degree of Consolidation [%]	9.4958	99.9598
Undrained Shear Strength	0	0.0614827

Embankments

1. Embankment: "Embankment Load 1"

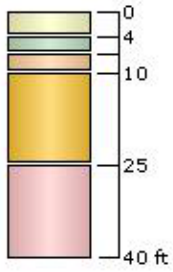
Label	Embankment Load 1
Center Line	(-13.332, -576.459) to (1544.49, -576.459)
Number of Layers	3
Near End Angle	45 degrees
Far End Angle	45 degrees
Base Width	105

Layer	Stage	Left Bench Width (ft)	Left Angle (deg)	Height (ft)	Unit Weight (kips/ft ³)	Right Angle (deg)	Right Bench Width (ft)
1	Stage 1 = 0 y	0	14.04	3	0.08	14.04	0
2	Stage 2 = 0.041 y	0	14.04	2	0.08	14.04	0
3	Stage 2 = 0.041 y	35	14.04	1.5	0.08	14.04	0





Soil Layers


Ground Surface Drained: Yes

Layer #	Type	Thickness [ft]	Depth [ft]	Drained at Bottom
1	Soil Property 1	4	0	No
2	Soil Property 2	3	4	No
3	Soil Property 3	3	7	No
4	Soil Property 4	15	10	No
5	Soil Property 5	15	25	No



Soil Properties

Property	Soil Property 1	Soil Property 2	Soil Property 3	Soil Property 4
Color				
Unit Weight [kips/ft ³]	0.065	0.09	0.1	0.09
Saturated Unit Weight [kips/ft ³]	0.065	0.09	0.1	0.09
K0	1	1	1	1
Primary Consolidation	Enabled	Enabled	Enabled	Enabled
Material Type	Non-Linear	Non-Linear	Non-Linear	Non-Linear
Cc	0.77	0.77	0.77	0.24
Cr	0.11	0.11	0.11	0.03
e0	2.05	2.05	2.05	1.6
Pc [ksf]	0.31	0.31	0.31	0.55
Cv [ft ² /y]	10.4	10.4	10.4	40.36
Cvr [ft ² /y]	10.4	10.4	10.4	40.36
B-bar	1	1	1	1
Undrained Su A [kips/ft ²]	0	0	0	0
Undrained Su S	0.2	0.2	0.2	0.2
Undrained Su m	0.8	0.8	0.8	0.8
Piezo Line ID	1	1	1	1

Property	Soil Property 5
Color	
Unit Weight [kips/ft ³]	0.1
Saturated Unit Weight [kips/ft ³]	0.1
K0	1
Primary Consolidation	Enabled
Material Type	Non-Linear
Cc	0.17
Cr	0.02
e0	0.9
Pc [ksf]	0.58
Cv [ft ² /y]	26.7
Cvr [ft ² /y]	26.7
B-bar	1
Undrained Su A [kips/ft ²]	0
Undrained Su S	0.2
Undrained Su m	0.8
Piezo Line ID	1

Groundwater

Groundwater method Piezometric Lines
 Water Unit Weight 0.0624 kips/ft³

Piezometric Line Entities

ID	Depth (ft)
1	-0.5 ft

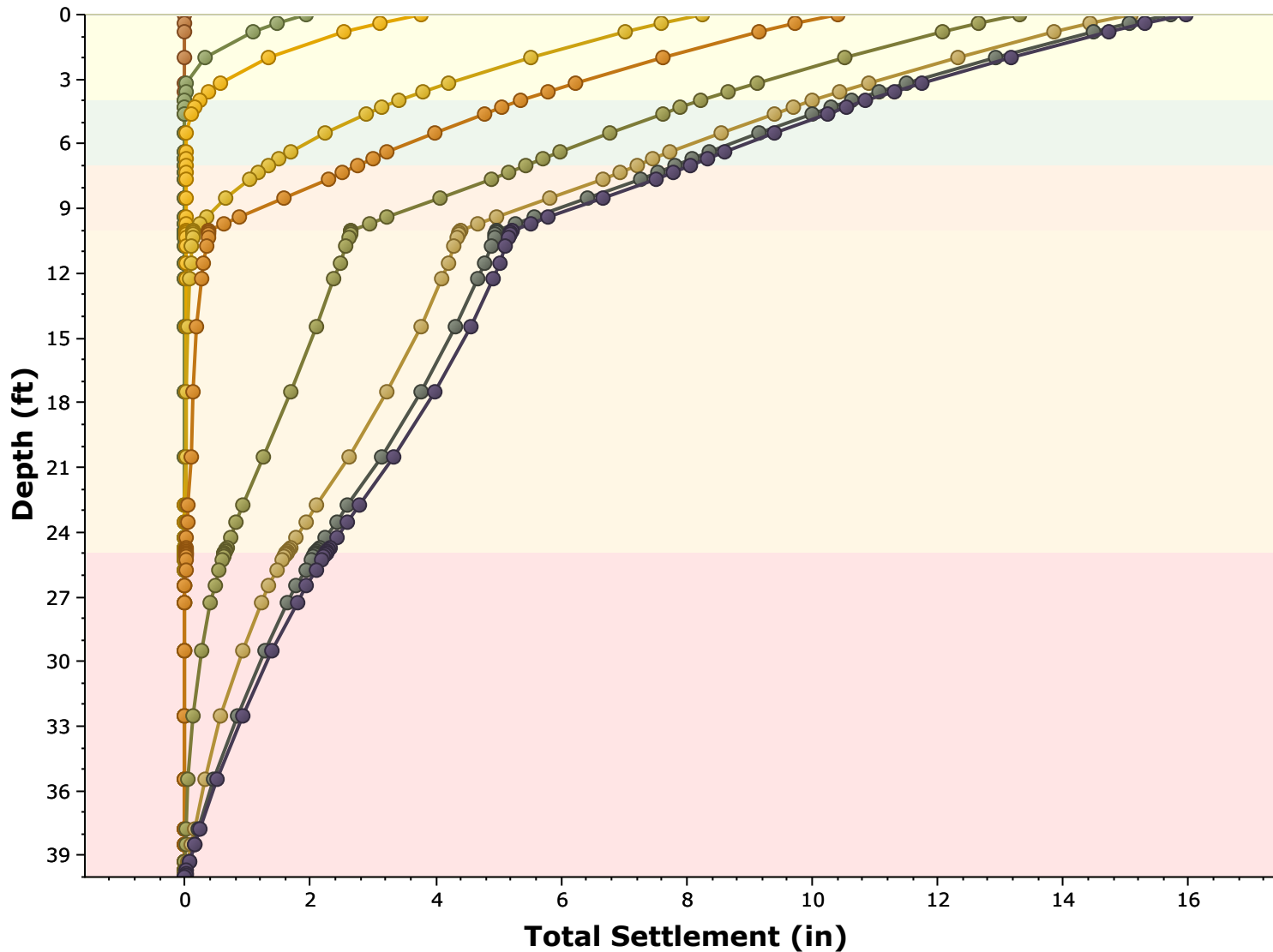
Query Points

Point #	Query Point Name	(X,Y) Location	Number of Divisions
1	Query Point 1	779.133, -582.281	Auto: 55

Query Lines


Line #	Query Line Name	Start Location	End Location	Horizontal Divisions	Vertical Divisions
1	Query Line 1	-18.332, -558.408	1549.49, -558.408	20	Auto: 55
2	Query Line 2	769.488, -550.959	769.488, -601.959	20	Auto: 55

Total Settlement vs. Depth



- Query Point 1 (Stage 1 = 0 y)
- Query Point 1 (Stage 2 = 0.038 y)
- Query Point 1 (Stage 3 = 0.164 y)
- Query Point 1 (Stage 4 = 1 y)
- Query Point 1 (Stage 5 = 2 y)
- Query Point 1 (Stage 6 = 5 y)
- Query Point 1 (Stage 7 = 10 y)
- Query Point 1 (Stage 8 = 15 y)
- Query Point 1 (Stage 9 = 20 y)

Reference Stage: None

	<i>Project</i>		Breton Landbridge Marsh Creation
	<i>Analysis Description</i>		MCA - 4
	<i>Drawn By</i>	<i>Company</i>	
	<i>Date</i>	5/10/2021, 12:56:15 PM	<i>File Name</i>

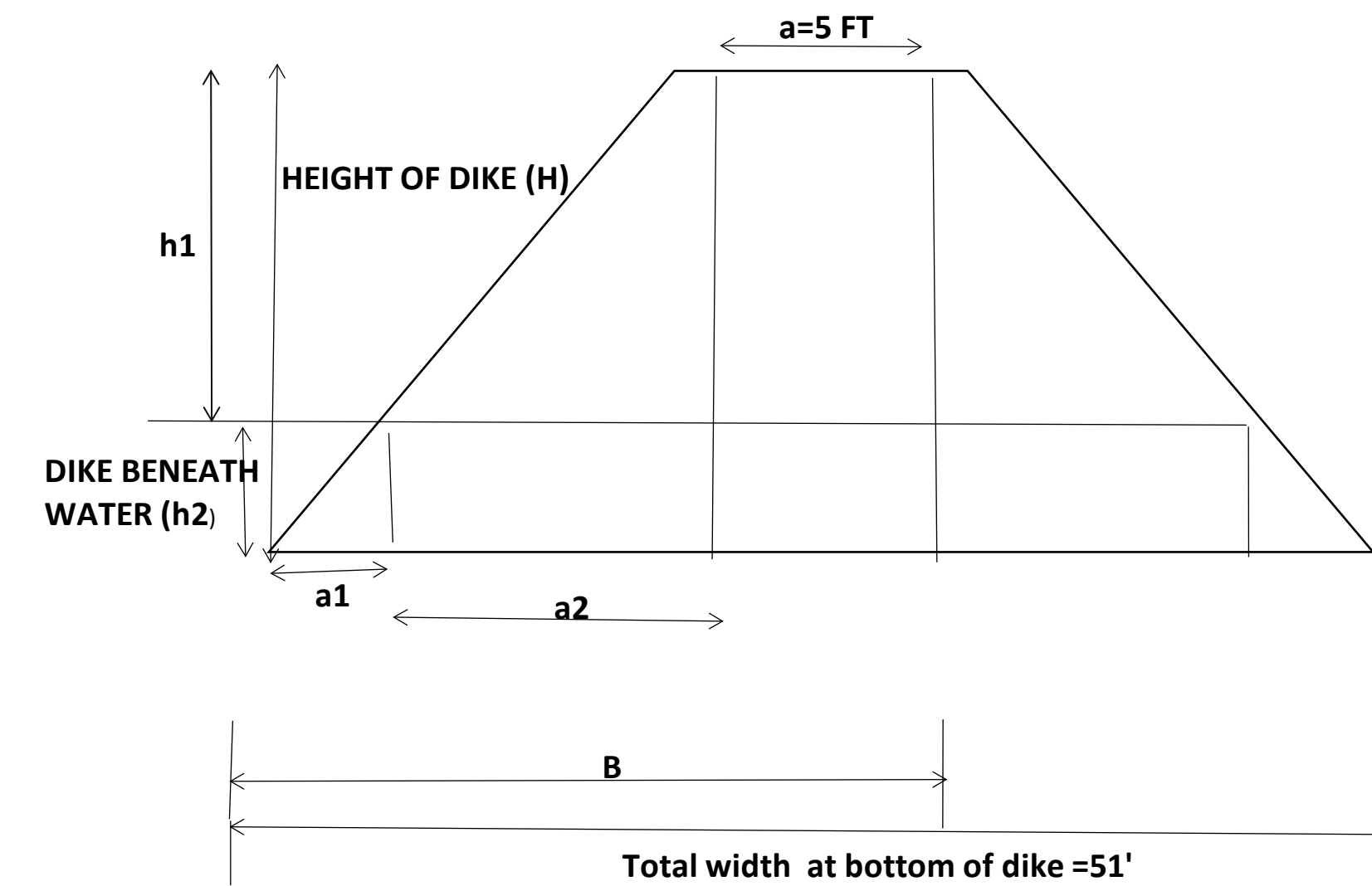
APPENDIX-D

BEARING CAPACITY

BEARING CAPACITY CHECK FOR PROPOSED ECD

ELEVAVATION AT BOTTOM OF TERRACE (FT)	ELEVATION AT TOP OF TERRACE (FT)	HEIGHT OF TERRACE(FT)	SLOPE INCLINATION (H:V)		WIDTH AT TOP OF TERRACE(FT)	HEIGHT OF WATER (FT), h ₂	FULL WIDTH AT BOTTOM OF TERRACE(FT)	h ₁ (FT)	h ₂ (FT)	a ₁ (FT)	a ₂ (FT)
-3.00	4.50	7.50	4.00	1.00	5.00	3.00	51.00	4.00	3.00	12.00	16.00

APPLIED STRESS									
TOTAL WEIGHT OF TERRACE (PCF)	BUOYANT UJINT WEIGHT OF TERRACE (PCF)		EFFECTIVE WIDTH OF TERRACE(B) (FT)		APPLIED STRESS(PSF)				
95.00	32.60		33.00		387.04				
ZONE	1	2	3	4	5	6	7	8	TOTAL
AREA (FT ²)	32	20	32	18	48	15	48	18	231
APPLIED LOAD(lb/ft2)	3040	1900	3040	587	1565	489	1565	587	12772



SUBSURFACE CONDITIONS				
SOIL CLASSIFICATION	ELEVATION(FT)		COHESION	
			(KSF)	(PSF)
PT	-1.50	-3.50	0.08	80.00
PT	-3.50	-5.50	0.08	80.00
PT	-5.50	-7.50	0.18	180.00
PT	-7.50	-9.50	0.18	180.00
PT	-9.50	-11.50	0.23	230.00
PT	-11.50	-13.50	0.23	230.00
PT	-13.50	-15.50	0.20	200.00

T	B	T/B	C1	C2	C2/C1
2.00	33.00	0.06	80.00	80.00	1.00

T = Layer thickness (ft.)
Figure not to scale

FIGURE 5.0 OF PAGE 7.2-137

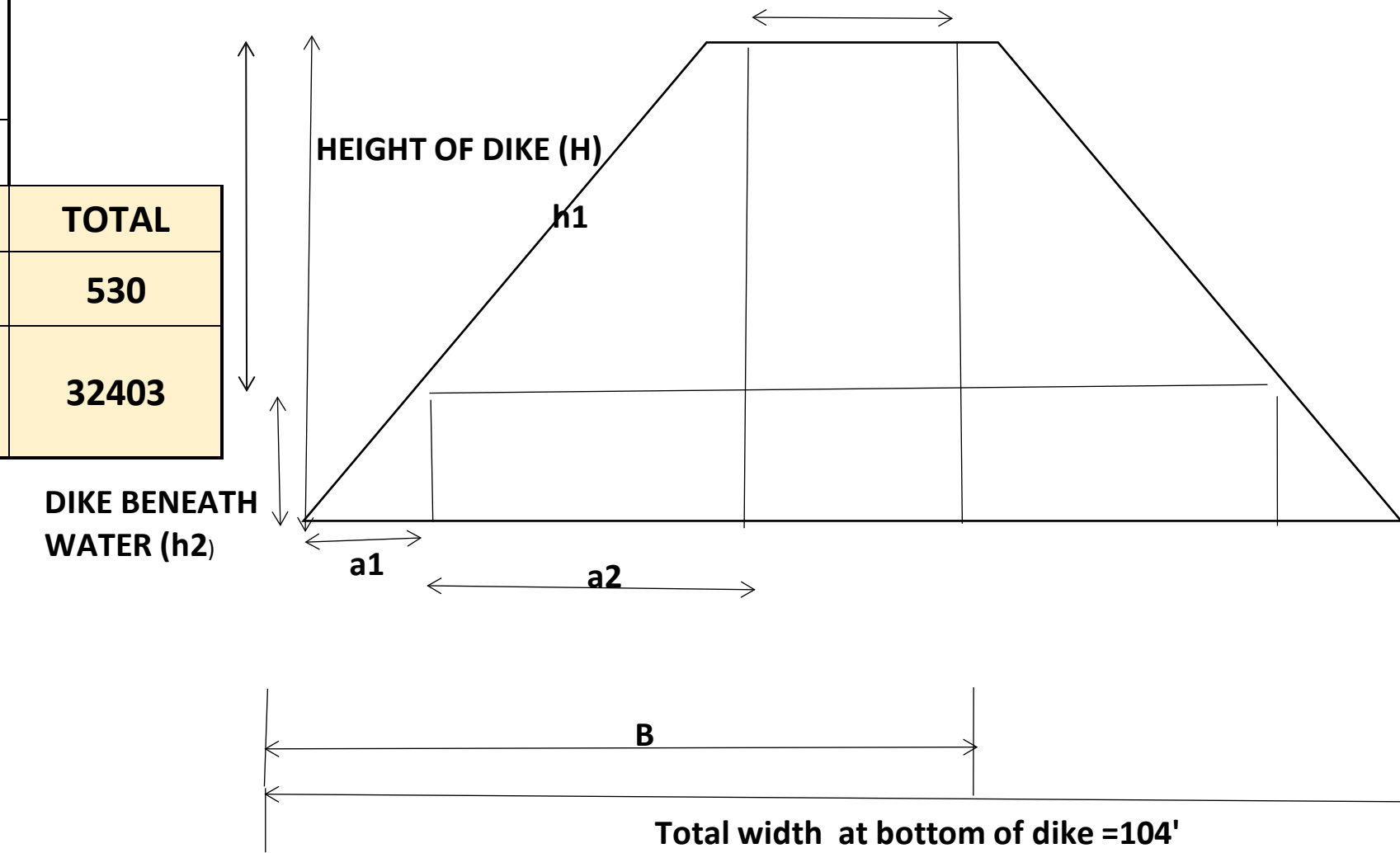
7.2-137 NAVFAC DM - 7.2

BEARING CAPACITY RESULTS						
DEPTH OF SOFT SOIL(FT)	EFFECTIVE WIDTH OF TERRACE (B)(FT)	N _c FACTOR FROM NAVFAC DM-7.2 Figure 5.0	C1	ULTIMATE BEARING CAPACITY(PSF)	APPLIED STRESS(PSF)	FACTOR OF SAFETY
30	33.00	5.53	80.00	442.4	387.04	1.14

BEARING CAPACITY CHECK FOR PROPOSED LAKE DIKE

ELEVAVATION AT BOTTOM OF TERRACE (FT)	ELEVATION AT TOP OF TERRACE (FT)	HEIGHT OF TERRACE(FT)	SLOPE INCLINATION (H:V)		WIDTH AT TOP OF TERRACE(FT)	HEIGHT OF WATER (FT), h_2	FULL WIDTH AT BOTTOM OF TERRACE(FT)	h_1 (FT)	h_2 (FT)	a_1 (FT)	a_2 (FT)
-3.00	3.00	6.00	4.00	1.00	60.00	3.00	104.00	3.00	3.00	12.00	12.00

APPLIED STRESS										
TOTAL WEIGHT OF TERRACE (PCF)	BUOYANT UINT WEIGHT OF TERRACE (PCF)		EFFECTIVE WIDTH OF TERRACE(B) (FT)		APPLIED STRESS(PSF)					
95.00	32.60		84.00		385.74					
ZONE	1	2	3	4	5	6	7	8	9	TOTAL
AREA (FT ²)	18	180	18	18	36	180	36	18	26	530
APPLIED LOAD(lb/ft2)	1710	17100	1710	587	1174	5868	1174	587	2494	32403



SUBSURFACE CONDITIONS				
SOIL CLASSIFICATION	ELEVATION(FT)		COHESION	
			(KSF)	(PSF)
PT	-1.50	-3.50	0.08	80.00
PT	-3.50	-5.50	0.08	80.00
PT	-5.50	-7.50	0.18	180.00
PT	-7.50	-9.50	0.18	180.00
PT	-9.50	-11.50	0.23	230.00
PT	-11.50	-13.50	0.23	230.00
PT	-13.50	-15.50	0.20	200.00

T	B	T/B	C1	C2	C2/C1
2.00	84.00	0.02	80.00	80.00	1.00

T = Layer thickness (ft.)
 Figure not to scale
 The containment dike is spread over the lake berm (zone 9)

FIGURE 5.0 OF PAGE 7.2-137

7.2-137 NAVFAC DM - 7.2

BEARING CAPACITY RESULTS						
DEPTH OF SOFT SOIL(FT)	EFFECTIVE WIDTH OF TERRACE (B)(FT)	N_c FACTOR FROM NAVFAC DM-7.2 Figure 5.0	C1	ULTIMATE BEARING CAPACITY(PSF)	APPLIED STRESS(PSF)	FACTOR OF SAFETY
30	84.00	5.53	80.00	442.4	385.74	1.15