

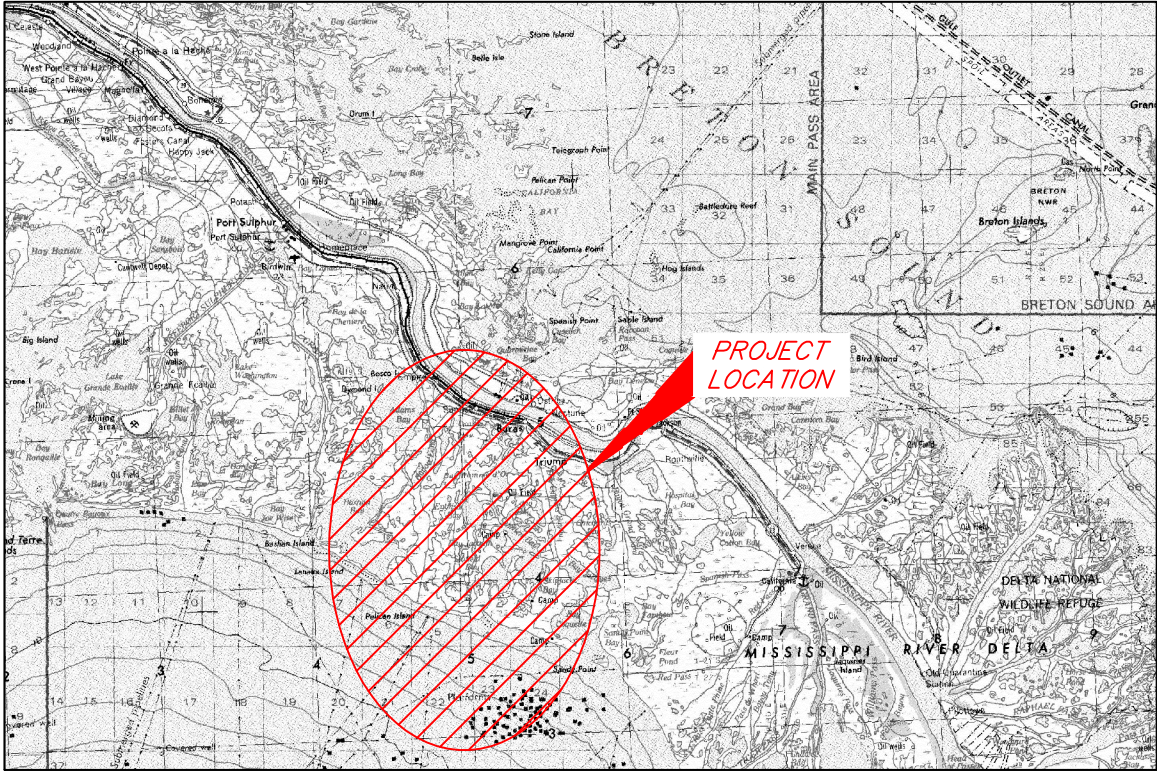
GREAT LAKES DREDGE AND DOCK COMPANY

RIVERINE SAND MINING/SCOFIELD ISLAND
RESTORATION PROJECT (BA-40)

PRE-CONSTRUCTION MAGNETOMETER SURVEY
MISSISSIPPI RIVER BORROW AREA AND SEDIMENT TRANSPORT

PLAQUEMINES PARISH, LA

INDEX TO SHEETS	
SHEET NO.	DESCRIPTION
1	TITLE PAGE
2	PLAN VIEW
3-7	DETAIL VIEWS
8-10	MAGNETIC ANOMALY TABLES



VICINITY MAP (N.T.S.)



THIS MAP REPRESENTS AN ACTUAL FIELD SURVEY MADE UNDER DIRECT SUPERVISION OF THE UNDERSIGNED.

Keith J. Roberts

KEITH J. ROBERTS, PLS # 4780
202 JACOBS RUN
SCOTT, LA. 70583
(337) 719-8219

REVISED BY:	DATE:	 	RIVERINE SAND MINING/SCOFIELD ISLAND RESTORATION PROJECT (BA-40) PRE-CONSTRUCTION MAGNETOMETER SURVEY MS RIVER BORROW AREA AND SEDIMENT TRANSPORT TITLE PAGE PLAQUEMINES PARISH, LA	
PLAN SCALE SCALE: NTS 		PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA 70583		
DATE: 07/26/12		JOB# 2121026	FILE: RIVERINE SAND MINING SCOFIELD ISLAND RESTORATION PROJECT (BA-40) MISS R.dwg	SHEET: 1 OF 10



- NOTES
1. ALL HORIZONTAL COORDINATES ARE BASED ON LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM, US SURVEY FOOT AS DERIVED FROM PROJECT CONTROL VIA GPS KINEMATIC OBSERVATIONS.
 2. MAGNETOMETER SURVEY PERFORMED USING A GEOMETRICS 882 MAGNETOMETER.
 3. THIS DRAWING INDICATES GENERAL CONDITIONS AT THE TIME OF SURVEY.
 4. SURVEY DATA ACQUISITION WAS PERFORMED MAY 29-31, 2012.
 5. PIPELINES DEPICTED IN THIS DRAWING, OTHER THAN THOSE VERIFIED, ARE FROM VARIOUS SOURCES: DEPT. OF NATURAL RESOURCES (DNR) SONRIS DATABASE, NATIONAL PIPELINE MAPPING SYSTEM (NPMS), AND OTHER SURVEY COMPANIES.
 6. PIPELINES IN THE MISSISSIPPI RIVER MAY NOT BE DETECTED DUE TO DEPTH OF WATER AND DEPTH OF PIPELINE BURIAL.

LEGEND

--- GIS PIPELINES (see Note 5)

--- MAGNETOMETER SURVEY AREA

REVISED BY: _____ DATE: _____

HORIZONTAL SCALE
1" = 3,000'

3,000' 0' 1,500' 3,000'

DATE: 07/26/12 JOB# 2121026


LAND SURVEY AND HYDROGRAPHIC SOLUTIONS


IMPROVEMENTS

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA 70583

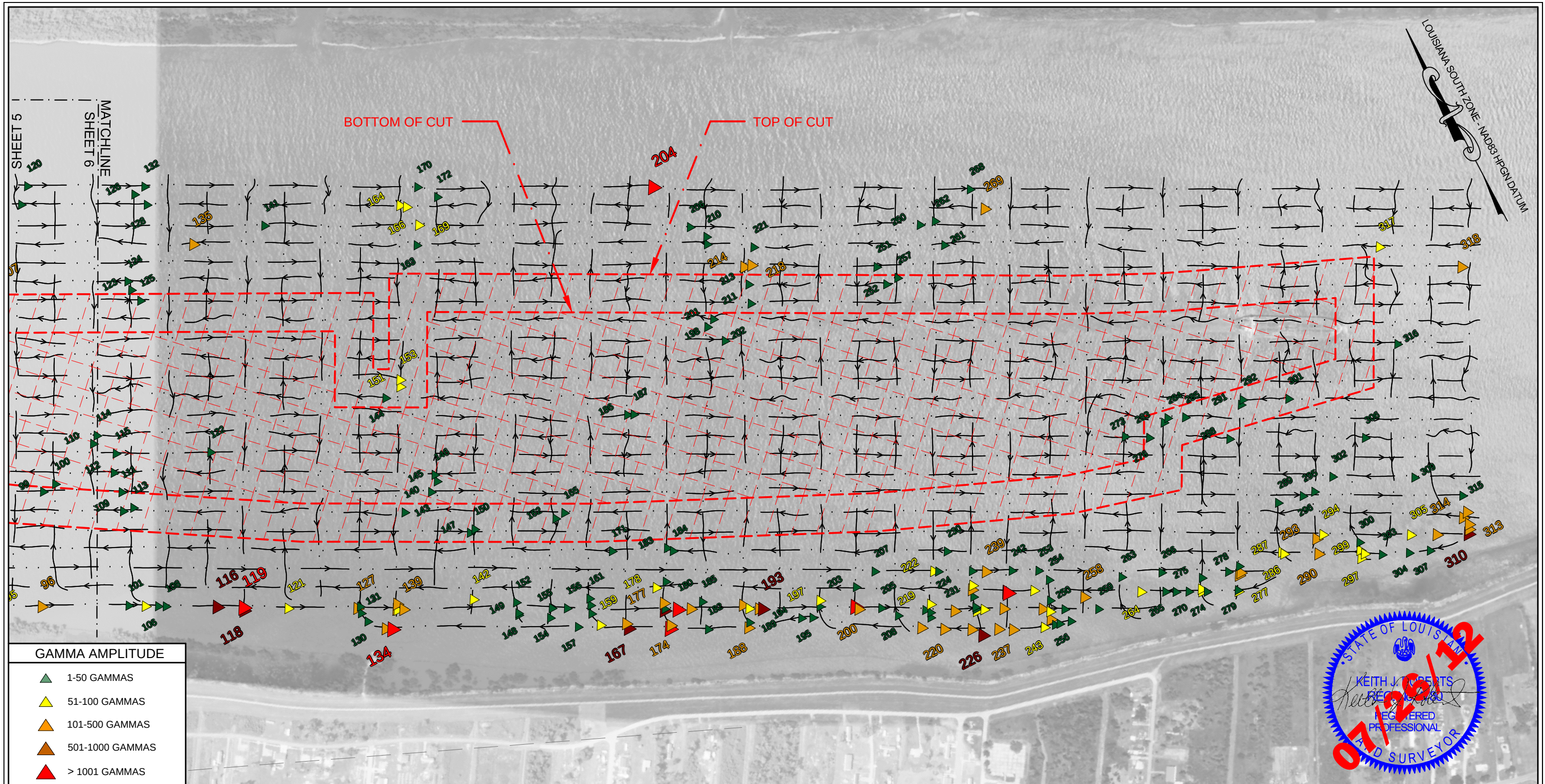
FILE: RIVERINE SAND MINING SCOFIELD ISLAND RESTORATION PROJECT (BA-40) MISS R.dwg

RIVERINE SAND MINING/SCOFIELD ISLAND RESTORATION PROJECT (BA-40)

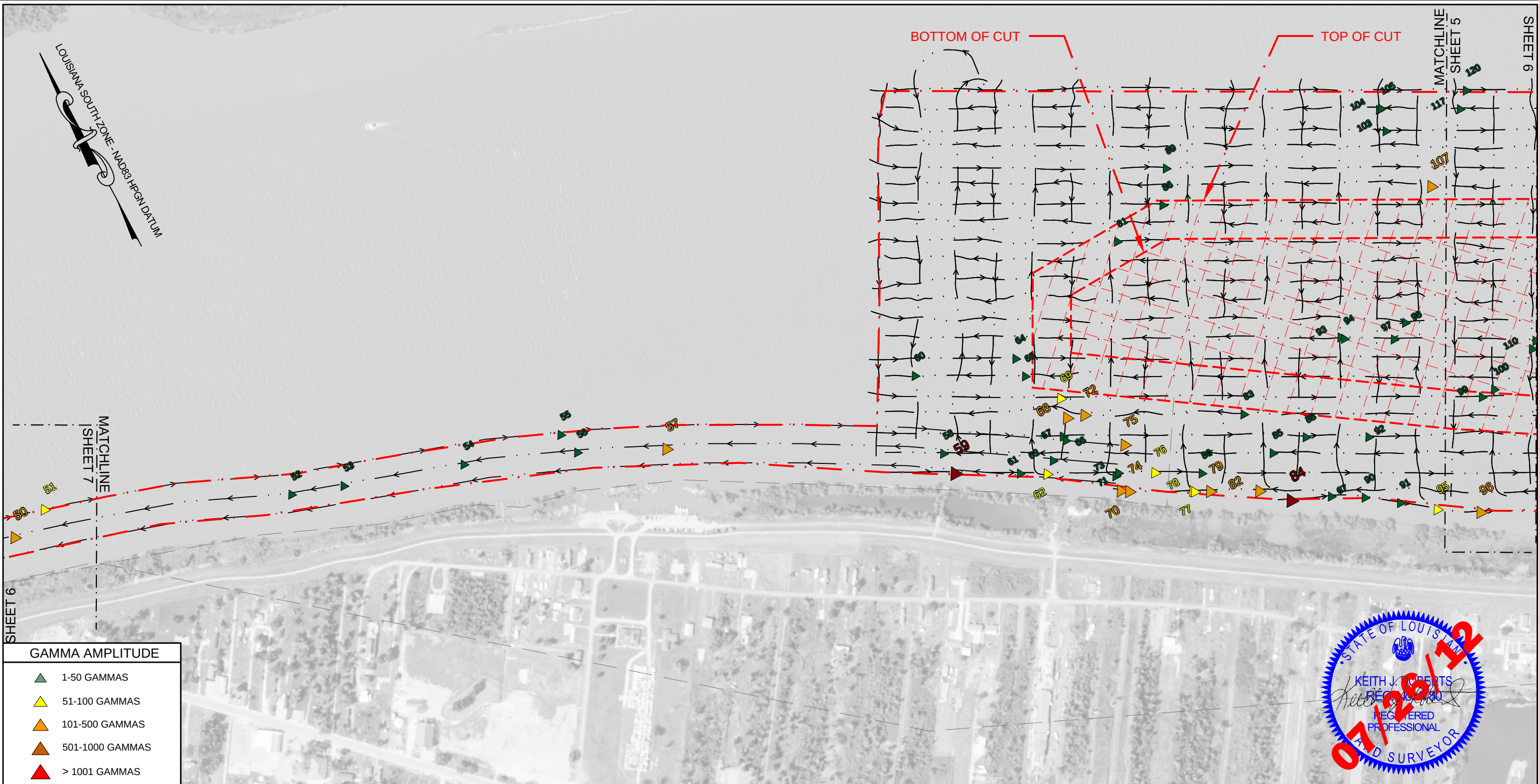
PRE-CONSTRUCTION MAGNETOMETER SURVEY
MS RIVER BORROW AREA AND SEDIMENT TRANSPORT

PLAN VIEW
PLAQUEMINES PARISH, LA

SHEET: 2 OF 10



NOTES 1. ALL HORIZONTAL COORDINATES ARE BASED ON LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM, US SURVEY FOOT AS DERIVED FROM PROJECT CONTROL VIA GPS KINEMATIC OBSERVATIONS. 2. MAGNETOMETER SURVEY PERFORMED USING A GEOMETRICS 882 MAGNETOMETER. 3. THIS DRAWING INDICATES GENERAL CONDITIONS AT THE TIME OF SURVEY. 4. SURVEY DATA ACQUISITION WAS PERFORMED MAY 29-31, 2012. 5. PIPELINES DEPICTED IN THIS DRAWING, OTHER THAN THOSE VERIFIED, ARE FROM VARIOUS SOURCES: DEPT. OF NATURAL RESOURCES (DNR) SONRIS DATABASE, NATIONAL PIPELINE MAPPING SYSTEM (NPMS), AND OTHER SURVEY COMPANIES. 6. PIPELINES IN THE MISSISSIPPI RIVER MAY NOT BE DETECTED DUE TO DEPTH OF WATER AND DEPTH OF PIPELINE BURIAL.	LEGEND — — — GIS PIPELINES (see Note 5) — ··· — ··· MAGNETOMETER SURVEY LINE	REVISED BY: DATE:		HYDROTERRA TECHNOLOGIES, LLC LAND SURVEY AND HYDROGRAPHIC SOLUTIONS GREAT LAKES IMPROVEMENTS	RIVERINE SAND MINING/SCOFIELD ISLAND RESTORATION PROJECT (BA-40) PRE-CONSTRUCTION MAGNETOMETER SURVEY MS RIVER BORROW AREA AND SEDIMENT TRANSPORT DETAIL VIEW PLAQUEMINES PARISH, LA	
HORIZONTAL SCALE 1" = 1,000' 1,000' 0' 500' 1,000'						
DATE: 07/26/12 JOB# 2121026		PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA 70583				
		FILE: RIVERINE SAND MINING SCOFIELD ISLAND RESTORATION PROJECT (BA-40) MISS R.dwg		SHEET: 3 OF 10		



GAMMA AMPLITUDE

- 1-50 GAMMAS
- 51-100 GAMMAS
- 101-500 GAMMAS
- 501-1000 GAMMAS
- > 1001 GAMMAS

NOTES

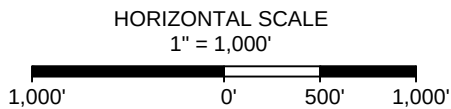
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LEGEND

- GIS PIPELINES (see Note 5)
- MAGNETOMETER SURVEY LINE

REVISED BY:

DATE:



DATE: 07/26/12

JOB# 2121026



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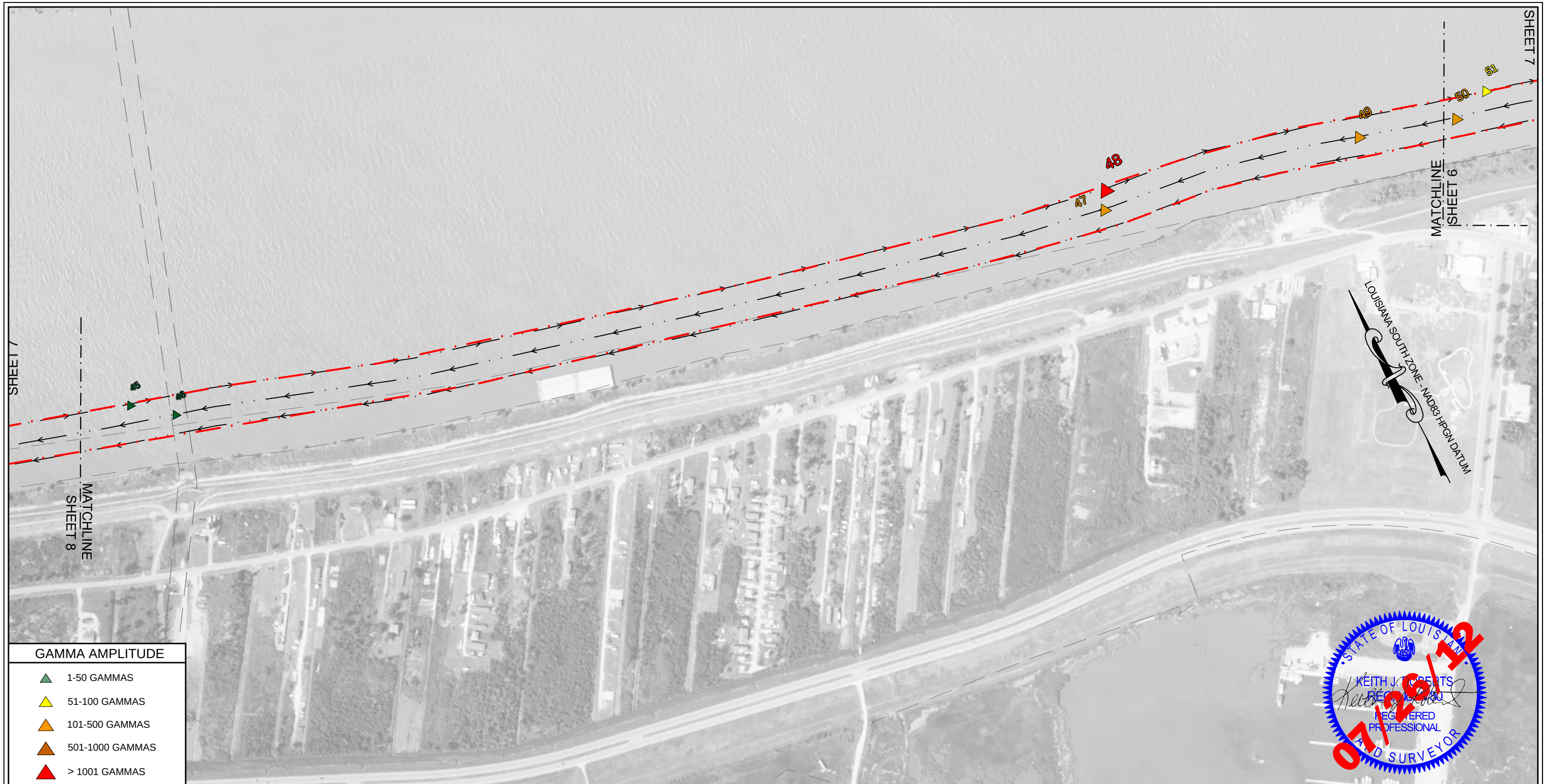
FILE: RIVERINE SAND MINING SCOFIELD ISLAND RESTORATION PROJECT (BA-40) MISS R.dwg

RIVERINE SAND MINING/SCOFIELD ISLAND
RESTORATION PROJECT (BA-40)

PRE-CONSTRUCTION MAGNETOMETER SURVEY
MS RIVER BORROW AREA AND SEDIMENT TRANSPORT

DETAIL VIEW
PLAQUEMINES PARISH, LA

SHEET: 4 OF 10



GAMMA AMPLITUDE

- 1-50 GAMMAS
- 51-100 GAMMAS
- 101-500 GAMMAS
- 501-1000 GAMMAS
- > 1001 GAMMAS

NOTES

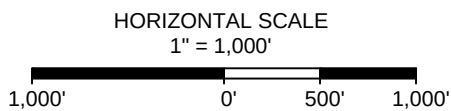
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LEGEND

- GIS PIPELINES (see Note 5)
- MAGNETOMETER SURVEY LINE

REVISED BY:

DATE:



DATE: 07/26/12

JOB# 2121026



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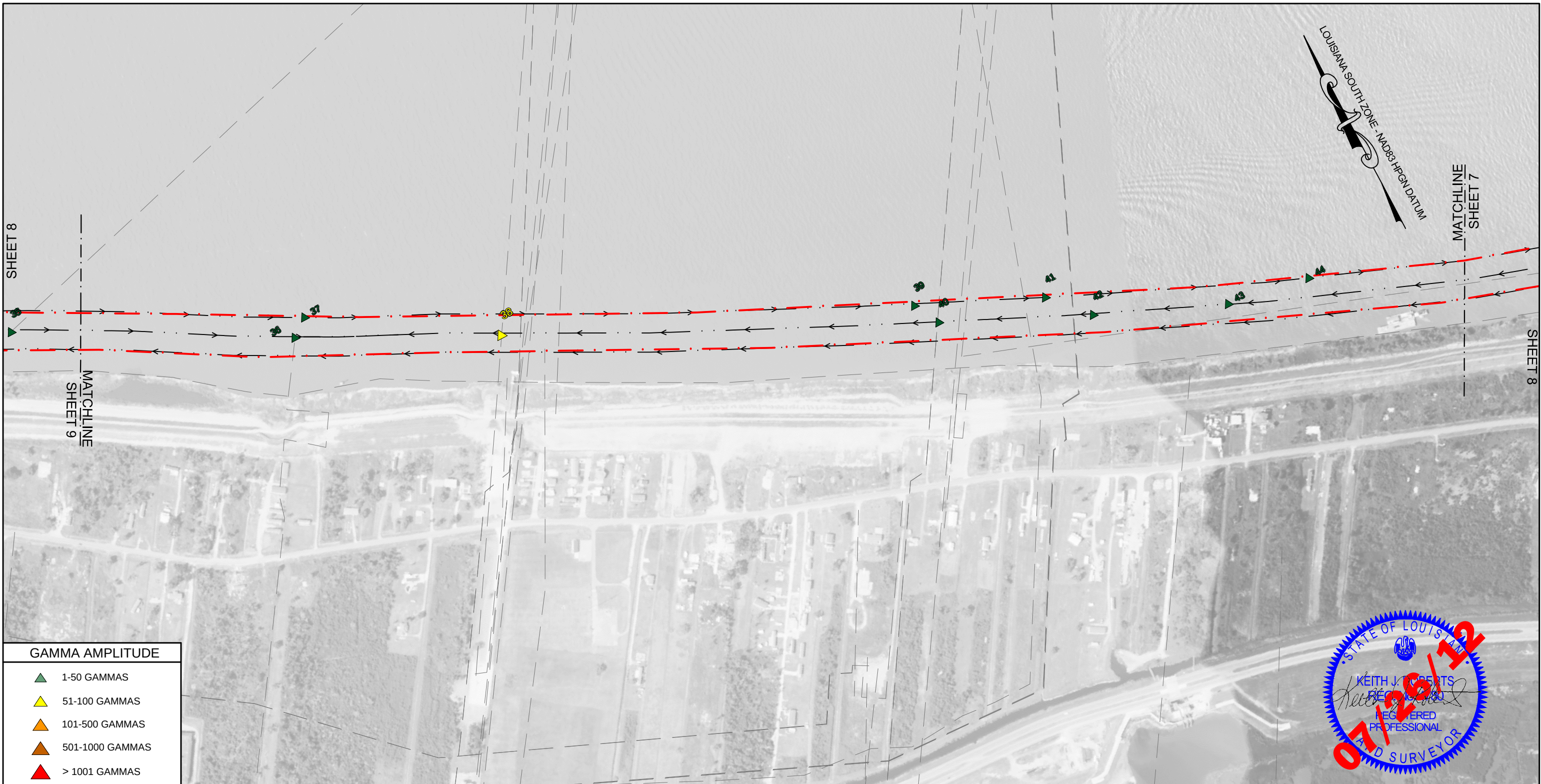
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RIVERINE SAND MINING/SCOFIELD ISLAND
RESTORATION PROJECT (BA-40)

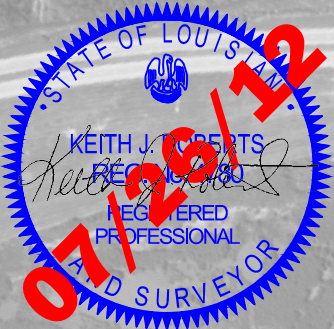
PRE-CONSTRUCTION MAGNETOMETER SURVEY
MS RIVER BORROW AREA AND SEDIMENT TRANSPORT

DETAIL VIEW
PLAQUEMINES PARISH, LA

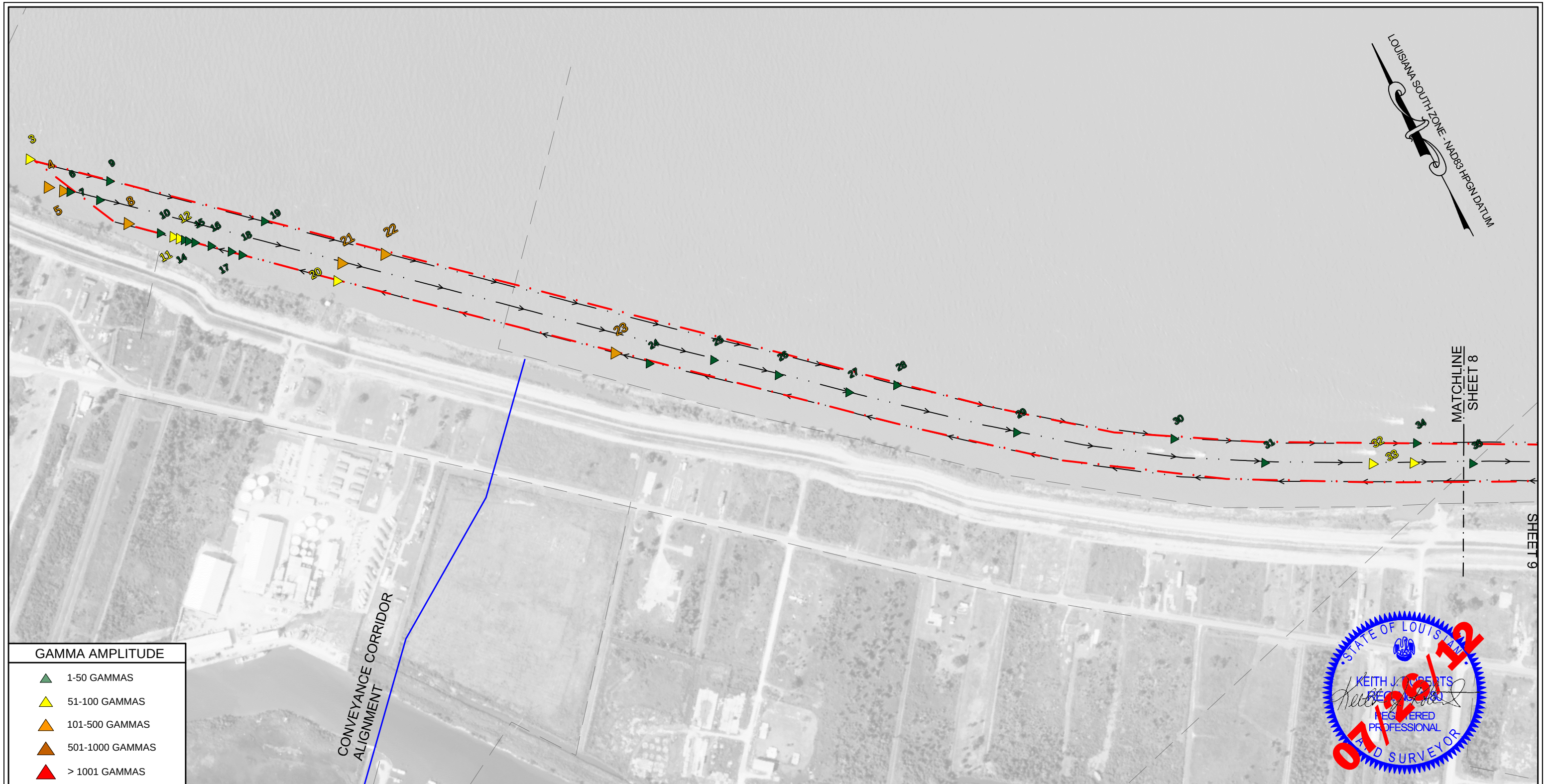
SHEET: 5 OF 10



GAMMA AMPLITUDE	
	1-50 GAMMAS
	51-100 GAMMAS
	101-500 GAMMAS
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		HORIZONTAL SCALE 1" = 1,000' 1,000' 0' 500' 1,000'									
		DATE: 07/26/12		JOB# 2121026		PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA 70583					
				FILE: RIVERINE SAND MINING SCOFIELD ISLAND RESTORATION PROJECT (BA-40) MISS R.dwg				SHEET: 6 OF 10			



GAMMA AMPLITUDE

- 1-50 GAMMAS
- 51-100 GAMMAS
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- > 1001 GAMMAS

NOTES

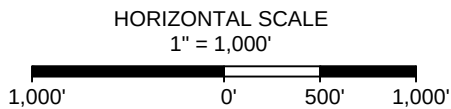
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LEGEND

- GIS PIPELINES (see Note 5)
- MAGNETOMETER SURVEY LINE

REVISED BY:

DATE:



DATE: 07/26/12

JOB# 2121026



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FILE: RIVERINE SAND MINING SCOFIELD ISLAND RESTORATION PROJECT (BA-40) MISS R.dwg

RIVERINE SAND MINING/SCOFIELD ISLAND
RESTORATION PROJECT (BA-40)

PRE-CONSTRUCTION MAGNETOMETER SURVEY
MS RIVER BORROW AREA AND SEDIMENT TRANSPORT

DETAIL VIEW
PLAQUEMINES PARISH, LA

SHEET: 7 OF 10



Ref	Line	Easting	Northing	Signature Amplitude	Signature Width	Signature Type
1	006_0639	3834274	327790	86	109	Monopole
2	006_0639	3834368	327708	46	151	Complex
3	006_0639	3834622	327484	51	321	Dipole
4	007_0750	3834640	327310	153	65	Dipole
5	007_0750	3834702	327256	104	81	Dipole
6	007_0750	3834730	327233	46	45	Dipole
7	007_0750	3834847	327123	47	127	Dipole
8	008_0837	3834922	326948	276	184	Monopole
9	006_0639	3834940	327187	41	311	Dipole
10	008_0837	3835048	326822	46	48	Monopole
11	008_0837	3835100	326775	58	61	Monopole
12	008_0837	3835125	326751	66	47	Dipole
13	008_0837	3835143	326732	44	19	Monopole
14	008_0837	3835159	326717	23	22	Monopole
15	008_0837	3835185	326695	20	46	Monopole
16	008_0837	3835253	326640	31	60	Monopole
17	008_0837	3835332	326565	23	85	Monopole
18	008_0837	3835374	326523	23	113	Monopole
19	006_0639	3835560	326625	25	369	Complex
20	008_0837	3835752	326173	79	242	Monopole
21	007_0750	3835816	326245	134	534	Dipole
22	006_0639	3836038	326182	214	777	Monopole
23	008_0837	3836864	325166	171	457	Monopole
24	008_0837	3836997	325032	44	58	Dipole
25	007_0750	3837304	324892	41	301	Dipole
26	007_0750	3837567	324665	17	197	Monopole
27	007_0750	3837852	324414	28	291	Monopole
28	006_0639	3838091	324331	15	346	Dipole
29	007_0750	3838532	323821	35	250	Dipole
30	006_0639	3839245	323409	27	478	Dipole
31	007_0750	3839608	323078	15	228	Monopole
32	007_0750	3840106	322813	69	193	Monopole
33	007_0750	3840297	322717	97	301	Monopole
34	006_0639	3840358	322801	28	931	Monopole
35	007_0750	3840569	322570	34	231	Dipole
36	007_0750	3841864	321858	38	487	Monopole
37	006_0639	3841958	321929	20	754	Monopole
38	007_0750	3842822	321373	55	479	Dipole
39	006_0639	3844799	320509	22	707	Dipole
40	007_0750	3844871	320373	31	273	Dipole
41	006_0639	3845423	320231	14	756	Dipole
42	007_0750	3845601	320035	25	386	Monopole
43	007_0750	3846251	319759	16	276	Monopole
44	006_0639	3846685	319684	23	483	Monopole
45	006_0639	3848084	319179	35	913	Dipole

Ref	Line	Easting	Northing	Signature Amplitude	Signature Width	Signature Type
46	007_0750	3848272	319025	17	282	Monopole
47	007_0750	3853073	317722	423	1190	Dipole
48	006_0639	3853126	317812	2197	1635	Dipole
49	007_0750	3854428	317442	117	417	Monopole
50	007_0750	3854923	317290	446	598	Monopole
51	006_0639	3855128	317346	86	21526	Complex
52	007_0750	3856306	316817	26	235	Monopole
53	007_0750	3856568	316730	19	347	Monopole
54	007_0750	3857174	316539	26	200	Monopole
55	006_0639	3857693	316442	16	285	Monopole
56	007_0750	3857727	316320	33	249	Monopole
57	007_0750	3858148	316122	153	315	Monopole
58	016_0838	3859415	315429	18	188	Monopole
59	052_0904	3859421	315312	866	193	Dipole
60	036_1634	3859472	315857	47	356	Monopole
61	052_0904	3859721	315152	38	56	Dipole
62	052_0904	3859845	315085	73	218	Dipole
63	007_0750	3859904	315131	23	204	Monopole
64	012_0644	3859978	315693	13	195	Monopole
65	051_0701	3859980	315588	41	364	Monopole
66	015_0819	3860009	315218	20	479	Dipole
67	006_0639	3860012	315193	13	426	Dipole
68	034_1611	3860072	315296	107	217	Dipole
69	013_0732	3860091	315401	56	364	Dipole
70	043_0922	3860145	314830	352	36	Dipole
71	071_1604	3860156	314908	48	18	Monopole
72	014_0749	3860160	315267	192	554	Dipole
73	052_0904	3860176	314916	25	330	Monopole
74	043_0922	3860182	314806	126	16	Dipole
75	006_0639	3860273	315033	127	78	Monopole
76	052_0904	3860346	314830	51	130	Monopole
77	080_1551	3860478	314653	60	11	Monopole
78	043_0922	3860484	314646	51	63	Dipole
79	043_0922	3860556	314611	196	87	Dipole
80	052_0904	3860561	314713	12	89	Dipole
81	007_1412	3860731	315988	14	343	Monopole
82	043_0922	3860784	314494	114	165	Monopole
83	014_0749	3860897	314884	13	784	Monopole
84	044_0944	3860907	314374	884	51	Dipole
85	016_0838	3860937	314634	28	224	Monopole
86	005_1301	3861029	316046	8	187	Monopole
87	044_0944	3861102	314293	17	59	Monopole
88	015_0819	3861129	314628	20	248	Dipole
89	004_1200	3861133	316208	17	290	Dipole
90	044_0944	3861255	314206	39	48	Monopole

Ref	Line	Easting	Northing	Signature Amplitude	Signature Width	Signature Type
91	044_0944	3861405	314096	15	4	Monopole
92	015_0819	3861419	314477	9	260	Monopole
93	078_1524	3861531	315005	19	171	Monopole
94	011_1714	3861544	314990	18	215	Monopole
95	044_0944	3861561	313977	99	26	Dipole
96	044_0944	3861754	313860	142	13	Dipole
97	011_1714	3861772	314867	17	312	Monopole
98	010_1647	3861865	314916	29	232	Monopole
99	013_0732	3862039	314387	15	334	Dipole
100	076_1458	3862114	314393	16	126	Monopole
101	044_0944	3862159	313652	20	32	Monopole
102	044_0944	3862235	313610	54	5	Monopole
103	002_1100	3862238	315848	21	385	Monopole
104	040_1518	3862259	315962	38	241	Dipole
105	001_1019	3862270	315964	13	293	Monopole
106	044_0944	3862294	313577	41	22	Monopole
107	049_1221	3862315	315484	417	351	Monopole
108	044_0944	3862329	313558	13	56	Monopole
109	014_0749	3862363	314103	37	418	Monopole
110	038_1452	3862387	314488	19	205	Monopole
111	013_0732	3862402	314194	27	256	Monopole
112	051_0701	3862413	314303	15	297	Monopole
113	075_1444	3862418	314094	11	199	Monopole
114	011_1714	3862423	314517	14	272	Monopole
115	012_0644	3862468	314387	47	2315	Monopole
116	044_0944	3862565	313434	724	138	Monopole
117	001_1019	3862634	315770	32	296	Dipole
118	032_1424	3862681	313353	520	108	Monopole
119	044_0944	3862686	313368	2194	125	Monopole
120	048_1000	3862707	315841	11	269	Monopole
121	044_0944	3862891	313253	57	12	Dipole
122	070_1431	3862910	314164	47	367	Monopole
123	075_1444	3862937	315108	34	167	Monopole
124	049_1221	3862941	315156	12	226	Dipole
125	005_1301	3862953	315036	17	272	Monopole
126	075_1444	3863184	315543	31	171	Monopole
127	044_0944	3863212	313086	305	29	Dipole
128	001_1019	3863216	315465	22	459	Monopole
129	068_1403	3863217	313052	29	16	Monopole
130	068_1403	3863228	312998	10	5	Monopole
131	068_1403	3863228	313085	14	10	Monopole
132	048_1000	3863249	315555	37	511	Monopole
133	045_1001	3863294	312923	121	9	Dipole
134	045_1001	3863323	312907	1267	20	Monopole
135	003_1120	3863335	315171	247	684	Monopole



REVISED BY:	DATE:	 	RIVERINE SAND MINING/SCOFIELD ISLAND RESTORATION PROJECT (BA-40) PRE-CONSTRUCTION MAGNETOMETER SURVEY MS RIVER BORROW AREA AND SEDIMENT TRANSPORT MAGNETOMETER ANOMALY TABLES PLAQUEMINES PARISH, LA	
PLAN SCALE SCALE: NTS  NTS NTS NTS NTS		PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA 70583		
DATE: 07/26/12		JOB# 2121026	FILE: RIVERINE SAND MINING SCOFIELD ISLAND RESTORATION PROJECT (BA-40) MISS R.dwg	SHEET: 8 OF 10

Ref	Line	Easting	Northing	Signature Amplitude	Signature Width	Signature Type
136	044_0944	3863391	312987	297	29	Dipole
137	030_1356	3863393	312980	62	18	Monopole
138	030_1356	3863406	313010	134	21	Monopole
139	044_0944	3863422	312969	139	33	Dipole
140	014_0749	3863664	313414	26	389	Dipole
141	002_1100	3863710	315083	24	309	Monopole
142	029_1336	3863770	312845	66	50	Monopole
143	013_0732	3863836	313444	23	190	Monopole
144	009_1543	3863853	313990	37	281	Dipole
145	067_1345	3863889	313479	46	214	Monopole
146	051_0701	3863894	313515	38	632	Dipole
147	015_0819	3863917	313161	47	467	Dipole
148	062_1324	3863943	312662	16	9	Monopole
149	062_1324	3863946	312670	16	3	Dipole
150	029_1336	3863947	313166	31	197	Monopole
151	030_1356	3863948	314009	75	211	Dipole
152	062_1324	3863962	312726	14	10	Monopole
153	050_1520	3863964	314041	89	165	Dipole
154	024_1317	3864082	312572	20	14	Dipole
155	024_1317	3864114	312613	16	16	Dipole
156	044_0944	3864183	312575	39	22	Dipole
157	045_1001	3864189	312462	21	39	Monopole
158	061_1304	3864284	312491	18	7	Monopole
159	061_1304	3864297	312418	55	61	Monopole
160	061_1304	3864300	312532	23	11	Monopole
161	061_1304	3864311	312566	10	21	Monopole
162	024_1317	3864348	313019	11	137	Monopole
163	003_1120	3864368	314622	23	456	Monopole
164	030_1356	3864387	314849	80	211	Monopole
165	014_0749	3864402	313024	20	203	Dipole
166	001_1019	3864414	314826	59	540	Monopole
167	045_1001	3864419	312336	805	354	Dipole
168	023_1256	3864420	312363	442	240	Monopole
169	002_1100	3864427	314712	90	473	Monopole
170	048_1000	3864512	314890	27	645	Monopole
171	016_0838	3864531	312731	21	172	Dipole
172	067_1345	3864580	314796	25	147	Monopole
173	045_1001	3864610	312235	2147	34	Dipole
174	066_1249	3864622	312247	132	27	Monopole
175	066_1249	3864629	312332	573	61	Dipole
176	044_0944	3864634	312335	21	15	Dipole
177	066_1249	3864644	312367	217	71	Dipole
178	043_0922	3864647	312456	83	228	Dipole
179	044_0944	3864693	312305	1184	91	Dipole
180	066_1249	3864706	312459	20	86	Monopole

Ref	Line	Easting	Northing	Signature Amplitude	Signature Width	Signature Type
181	044_0944	3864755	312275	127	61	Dipole
182	045_1001	3864786	312135	19	72	Monopole
183	066_1249	3864793	312611	22	116	Monopole
184	016_0838	3864813	312584	13	243	Monopole
185	028_1242	3864825	312278	17	94	Monopole
186	023_1256	3864932	313325	19	163	Monopole
187	010_1647	3864962	313312	36	248	Dipole
188	045_1001	3864976	312047	249	57	Monopole
189	065_1236	3864994	312067	28	20	Monopole
190	065_1236	3865006	312165	204	28	Monopole
191	044_0944	3865026	312134	54	5	Monopole
192	044_0944	3865071	312109	318	23	Dipole
193	044_0944	3865087	312101	711	29	Dipole
194	045_1001	3865245	311961	34	58	Monopole
195	045_1001	3865298	311936	40	54	Monopole
196	064_1222	3865358	311970	15	39	Monopole
197	064_1222	3865374	311999	51	80	Monopole
198	028_1242	3865516	313538	23	209	Monopole
199	026_1216	3865523	311887	1461	47	Monopole
200	044_0944	3865532	311866	129	193	Dipole
201	006_1321	3865563	313560	24	385	Monopole
202	007_1412	3865564	313431	50	344	Monopole
203	026_1216	3865574	311972	32	76	Monopole
204	048_1000	3865604	314322	2454	25	Dipole
205	044_0944	3865640	311813	27	69	Dipole
206	002_1100	3865678	314043	23	293	Monopole
207	052_0904	3865698	311999	34	237	Monopole
208	063_1210	3865699	311738	19	62	Monopole
209	003_1120	3865716	313922	8	241	Monopole
210	028_1242	3865731	313958	16	163	Monopole
211	005_1301	3865774	313541	9	241	Monopole
212	045_1001	3865778	311627	205	55	Monopole
213	049_1221	3865811	313635	44	375	Monopole
214	065_1236	3865833	313729	143	322	Dipole
215	044_0944	3865839	311698	27	127	Dipole
216	025_1204	3865845	311650	12	20	Monopole
217	025_1204	3865857	311674	42	36	Monopole
218	004_1200	3865870	313720	102	477	Monopole
219	025_1204	3865877	311713	71	38	Dipole
220	045_1001	3865881	311565	449	71	Monopole
221	003_1120	3865924	313796	33	404	Monopole
222	025_1204	3865972	311858	51	147	Dipole
223	044_0944	3865973	311625	145	28	Dipole
224	052_0904	3865993	311845	22	125	Monopole
225	045_1001	3866006	311497	164	105	Dipole

Ref	Line	Easting	Northing	Signature Amplitude	Signature Width	Signature Type
226	060_1158	3866044	311444	517	93	Dipole
227	022_1152	3866074	311568	59	44	Monopole
228	044_0944	3866075	311579	46	49	Monopole
229	022_1152	3866078	311590	49	38	Monopole
230	016_0838	3866081	311917	19	303	Monopole
231	022_1152	3866094	311642	47	28	Monopole
232	043_0922	3866104	311681	175	142	Dipole
233	044_0944	3866113	311559	76	52	Monopole
234	022_1152	3866118	311698	94	86	Monopole
235	045_1001	3866131	311434	132	66	Dipole
236	022_1152	3866150	311765	39	97	Monopole
237	045_1001	3866198	311396	157	221	Monopole
238	044_0944	3866205	311516	238	77	Monopole
239	052_0904	3866213	311730	119	145	Dipole
240	043_0922	3866260	311587	827	210	Dipole
241	022_1152	3866263	311581	1249	286	Dipole
242	052_0904	3866336	311670	42	183	Monopole
243	045_1001	3866348	311330	55	53	Dipole
244	044_0944	3866385	311420	416	75	Dipole
245	043_0922	3866390	311526	95	98	Monopole
246	059_1146	3866398	311352	401	27	Monopole
247	059_1146	3866404	311314	45	22	Monopole
248	059_1146	3866413	311389	91	41	Monopole
249	045_1001	3866428	311308	49	63	Monopole
250	059_1146	3866440	311439	38	25	Monopole
251	004_1200	3866446	313406	12	268	Monopole
252	049_1221	3866449	313302	24	293	Monopole
253	052_0904	3866459	311605	24	81	Dipole
254	059_1146	3866485	311537	39	68	Monopole
255	044_0944	3866486	311363	36	110	Monopole
256	045_1001	3866486	311293	31	28	Monopole
257	063_1210	3866516	313304	18	223	Monopole
258	021_1143	3866607	311373	122	16	Monopole
259	044_0944	3866643	311282	47	43	Dipole
260	002_1100	3866749	313495	34	405	Monopole
261	003_1120	3866813	313342	9	371	Monopole
262	025_1204	3866827	313476	46	353	Dipole
263	058_1132	3866829	311374	14	134	Monopole
264	043_0922	3866883	311260	52	53	Dipole
265	043_0922	3866996	311200	24	25	Dipole
266	020_1127	3867025	311298	11	123	Monopole
267	043_0922	3867044	311174	34	23	Dipole
268	048_1000	3867067	313538	9	167	Monopole
269	001_1019	3867088	313415	319	718	Dipole
270	043_0922	3867104	311144	21	19	Dipole



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PLAN SCALE SCALE: NTS 		PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA 70583	
DATE: 07/26/12		JOB# 2121026	FILE: RIVERINE SAND MINING SCOFIELD ISLAND RESTORATION PROJECT (BA-40) MISS R.dwg
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Ref	Line	Easting	Northing	Signature Amplitude	Signature Width	Signature Type
271	043_0922	3867166	311112	56	24	Monopole
272	057_1116	3867169	311126	59	18	Monopole
273	058_1132	3867185	312017	15	153	Monopole
274	043_0922	3867188	311099	41	23	Monopole
275	057_1116	3867199	311175	31	9	Monopole
276	011_1714	3867294	311952	30	290	Dipole
277	043_0922	3867335	311026	91	54	Monopole
278	052_0904	3867335	311140	29	95	Dipole
279	019_1111	3867336	311031	24	29	Dipole
280	019_1111	3867377	311100	241	33	Monopole
281	052_0904	3867390	311108	205	65	Dipole
282	019_1111	3867399	311139	23	46	Monopole
283	020_1127	3867399	311987	30	170	Monopole
284	010_1647	3867427	311999	46	239	Dipole
285	010_1647	3867511	311960	24	314	Monopole
286	056_1100	3867631	311102	81	64	Monopole
287	016_0838	3867637	311089	58	154	Monopole
288	011_1714	3867664	311752	22	206	Dipole
289	056_1100	3867734	311338	22	104	Monopole
290	016_0838	3867797	311006	130	117	Dipole
291	019_1111	3867800	311883	17	197	Monopole
292	009_1543	3867819	311902	11	248	Monopole
293	018_1055	3867824	311081	155	200	Monopole
294	015_0819	3867864	311084	77	554	Monopole
295	013_0732	3867865	311310	21	425	Monopole
296	018_1055	3867928	311302	18	157	Monopole
297	055_1043	3867983	310881	59	27	Dipole
298	055_1043	3867999	310921	54	42	Monopole
299	016_0838	3868011	310894	68	96	Dipole
300	055_1043	3868015	310957	19	30	Monopole
301	009_1543	3868034	311795	10	266	Monopole
302	051_0701	3868049	311327	20	342	Monopole
303	016_0838	3868089	310846	43	100	Monopole
304	016_0838	3868219	310788	46	125	Monopole
305	015_0819	3868270	310869	53	287	Dipole

Ref	Line	Easting	Northing	Signature Amplitude	Signature Width	Signature Type
306	011_1714	3868294	311428	39	332	Monopole
307	016_0838	3868321	310748	46	110	Monopole
308	015_0819	3868391	310808	187	68	Dipole
309	051_0701	3868427	311124	19	630	Monopole
310	053_1026	3868540	310736	629	17	Monopole
311	053_1026	3868554	310755	160	20	Monopole
312	014_0749	3868554	310823	304	281	Dipole
313	053_1026	3868565	310778	273	27	Monopole
314	053_1026	3868586	310839	157	143	Monopole
315	013_0732	3868605	310924	21	302	Monopole
316	007_1412	3868672	311784	13	633	Monopole
317	003_1120	3868824	312279	100	979	Monopole
318	004_1200	3869156	311988	293	439	Monopole



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PLAN SCALE SCALE: NTS  NTS NTS NTS NTS		PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA 70583		
DATE: 07/26/12		JOB# 2121026	FILE: RIVERINE SAND MINING SCOFIELD ISLAND RESTORATION PROJECT (BA-40) MISS R.dwg	SHEET: 10 OF 10