My Company Name

My Address

To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Field Densities

Project Number:	M06-04-3666
Report Number:	1
Report Date:	04-Aug-06
Tested By:	EGT/CL
Field Method:	ASTMD2922
Lab Method:	ASTMD698
% Compaction Required:	72
% Moisture Tolerance:	2
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
1	11-May-06	13m N & 10m W of 237	silty clay, tr. sand	1283	15.8	18.2	1726	74.3 *
2	11-May-06	25m N of 1935	silty clay, tr. sand	1245	17.9	18.2	1726	72.1
3	11-May-06	25m N & 7m E of 237	silty clay, tr. sand	1230	18.3	18.2	1726	71.3 *
4	11-May-06	20m W of 2312	silty clay, tr. sand	1226	18.4	18.2	1726	71.0 *
5	11-May-06	25m N & 5m W of 2307	silty clay, tr. sand	1237	18.1	18.2	1726	71.7 *
6	11-May-06	10m S & 5m W of 2312	silty clay, tr. sand	1232	17.9	18.2	1726	71.4 *
7	11-May-06	2m N & 10m W of 2307	silty clay, tr. sand	1242	17.8	18.2	1726	72.0
8	11-May-06	7m N & 5m W of 2942	silty clay, tr. sand	1231	18.4	18.2	1726	71.3 *
9	11-May-06	5m S & 17m E of 1918	silty clay, tr. sand	1228	18.1	18.2	1726	71.1 *
10	11-May-06	15m N of 2948	silty clay, tr. sand	1245	17.7	18.2	1726	72.1
11	11-May-06	10m N & 3m E of 2948	silty clay, tr. sand	1233	18.1	18.2	1726	71.4 *
12	11-May-06	2m S of 2942	silty clay, tr. sand	1245	17.7	18.2	1726	72.1
13	11-May-06	1m S & 3m E of 2307	silty clay, tr. sand	1242	17.8	18.2	1726	72.0
14	12-May-06	7m N of 2948	silty clay, tr. sand	1234	18.2	18.2	1726	71.5 *

Continued ...

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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
15	12-May-06	7m S & 12m E of 2948	silty clay, tr. sand	1276	16.7	18.2	1726	73.9
16	12-May-06	20m N & 3m E of 2937	silty clay, tr. sand	1225	18.9	18.2	1726	71.0 *
17	12-May-06	15m S & 10m W of 2942	silty clay, tr. sand	1230	18.5	18.2	1726	71.3 *
18	12-May-06	5m S of 2937	silty clay, tr. sand	1232	18.2	18.2	1726	71.4 *
19	12-May-06	15m W of 2683	silty clay, tr. sand	1244	17.6	18.2	1726	72.1
20	12-May-06	30m W of 2683	silty clay, tr. sand	1234	17.9	18.2	1726	71.5 *
21	12-May-06	12m S & 10m E of 2942	silty clay, tr. sand	1250	17.4	18.2	1726	72.4
22	13-May-06	8m N & 17m W of 2369 @ top 200mm of cap	silty clay, tr. sand	1247	18.4	18.2	1726	72.2
23	13-May-06	10m N of 2932@ top 200mm of cap	silty clay, tr. sand	1220	18.9	18.2	1726	70.7 *
24	13-May-06	7m S & 3m E of 2953@ top 200mm of cap	silty clay, tr. sand	1226	18.6	18.2	1726	71.0 *
25	13-May-06	10m N & 7m W of 2953 @ top of 200mm cap	silty clay, tr. sand	1207	19.1	18.2	1726	69.9 *
26	13-May-06	8m S & 12m W of 2369 @ top 200mm of cap	silty clay, tr. sand	1237	18.4	18.2	1726	71.7 *
27	13-May-06	5m S of 2932 @ top of 200mm of cap	silty clay, tr. sand	1232	18.4	18.2	1726	71.4 *

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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
28	13-May-06	1m N & 15m W of 2932 @ top 200mm of cap	silty clay, tr. sand	1219	18.2	18.2	1726	70.6 *
29	13-May-06	5m S & 5m W of 2953 @ top 200mm of cap	silty clay, tr. sand	1204	18.9	18.2	1726	69.8 *
30	13-May-06	12m N & 15m W of 2364 @ lower 150mm of cap	silty clay, tr. sand	1188	19.3	18.2	1726	68.8 *
31	13-May-06	15m S & 2m W of 2932 @ lower 150mm of cap	silty clay, tr. sand	1226	18.7	18.2	1726	71.0 *
32	13-May-06	10m N & 7m W of 2958 @ lower 150mm of cap	silty clay, tr. sand	1245	18.7	18.2	1726	72.1
33	13-May-06	5m N & 40m E of 2099 @ lower 150mm of cap	silty clay, tr. sand	1234	18.5	18.2	1726	71.5 *
34	14-May-06	30m E & 5m N of 2158 @ top 200mm of cap	silty clay, tr. sand	1232	18.5	18.2	1726	71.4 *
35	14-May-06	25m E & 20m S of 2158 @ top 200mm of cap	silty clay, tr. sand	1202	18.6	18.2	1726	69.6 *
36	14-May-06	25m E & 17m S of 2099 @ top 200mm of cap	silty clay, tr. sand	1221	18.3	18.2	1726	70.7 *
37	14-May-06	5m S & 5m E of 2958 @ bottom 150mm of cap	silty clay, tr. sand	1198	18.9	18.2	1726	69.4 *
38	14-May-06	2m N & 15m W of 2364 @ top 150mm of cap	silty clay, tr. sand	1232	18.2	18.2	1726	71.4 *

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39	14-May-06	12m N & 3m W of 2927 @ top 150mm of cap	silty clay, tr. sand	1215	18.6	18.2	1726	70.4 *
40	14-May-06	12m N & 25m W of 2927 @ top 150mm of cap	silty clay, tr. sand	1193	19.4	18.2	1726	69.1 *
41	14-May-06	7m S & 1m W of 2683 @ bottom 150mm of cap	silty clay, tr. sand	1222	18.7	18.2	1726	70.8 *
42	14-May-06	5m W of 2369 @ bottom 150mm of cap	silty clay, tr. sand	1166	20.4	18.2	1726	67.6 **
43	14-May-06	5m E of 2927 @ bottom 150mm of cap	silty clay, tr. sand	1243	19.0	18.2	1726	72.0
44	14-May-06	30m E & 1m N of 2927 @ bottom 150mm of cap	silty clay, tr. sand	1226	18.4	18.2	1726	71.0 *
45	14-May-06	20m N of 2963 @ top 150mm of cap	silty clay, tr. sand	1229	18.2	18.2	1726	71.2 *
46	14-May-06	25m E of 2927 @ top 150mm of cap	silty clay, tr. sand	1224	19.1	18.2	1726	70.9 *
47	15-May-06	20m N & 10m E of 2922 @ bottom 150mm of cap	silty clay, tr. sand	1231	18.7	18.2	1726	71.3 *
48	15-May-06	10m S & 10m E of 2963 @ bottom 150mm of cap	silty clay, tr. sand	1204	18.8	18.2	1726	69.8 *
49	15-May-06	8m W of 2963 @ bottom 150mm of cap	silty clay, tr. sand	1231	18.5	18.2	1726	71.3 *

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50	15-May-06	20m S & 10m E of 1914 @ top 150mm of cap	silty clay, tr. sand	1218	18.3	18.2	1726	70.6 *
51	15-May-06	10m W of 1914 @ top 150mm of cap	silty clay, tr. sand	1164	20.5	18.2	1726	67.4 **
52	15-May-06	7m S & 15m W of 1914 @ top 150mm of cap	silty clay, tr. sand	1221	18.8	18.2	1726	70.7 *
53	15-May-06	7m N & 5m W of 1146 @ bottom 150mm of cap	silty clay, tr. sand	1229	18.5	18.2	1726	71.2 *
54	15-May-06	2m S & 20m E of 2101 @ bottom 150mm of cap	silty clay, tr. sand	1183	19.9	18.2	1726	68.5 *
55	15-May-06	8m N & 17m E of 2099 @ bottom 150mm of cap	silty clay, tr. sand	1212	19.2	18.2	1726	70.2 *
56	15-May-06	12m S & 8m E of 2099 @ top 150mm of cap	silty clay, tr. sand	1239	18.3	18.2	1726	71.8 *
57	15-May-06	7m S & 7m E of 2101 @ top 150mm of cap	silty clay, tr. sand	1216	18.2	18.2	1726	70.5 *
58	16-May-06	10m S & 7m W of 2359 @ bottom 150mm of cap	silty clay, tr. sand	1200	18.8	18.2	1726	69.5 *
59	16-May-06	5m N & 10m W of 2922 @ bottom 150mm of cap	silty clay, tr. sand	1219	18.5	18.2	1726	70.6 *
60	16-May-06	20m N & 10m W of 2968 @ bottom 150mm of cap	silty clay, tr. sand	1243	18.3	18.2	1726	72.0

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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
61	16-May-06	7m N & 5m W of 2106 @ bottom 150mm of cap	silty clay, tr. sand	1228	19.0	18.2	1726	71.1 *
62	16-May-06	20m S of 1145 @ top 150mm of cap	silty clay, tr. sand	1204	18.5	18.2	1726	69.8 *
63	16-May-06	1m S & 17m E of 2968 @ top 150mm of cap	silty clay, tr. sand	1205	19.8	18.2	1726	69.8 *
64	16-May-06	20m S & 25m E of 2968 @ top 150mm of cap	silty clay, tr. sand	1246	18.3	18.2	1726	72.2
65	16-May-06	10m S & 10m W of 2354 @ top 150mm of cap	silty clay, tr. sand	1214	18.7	18.2	1726	70.3 *
66	16-May-06	10m N & 12m W of 2917 @ bottom 150mm of cap	silty clay, tr. sand	1208	19.0	18.2	1726	70.0 *
67	16-May-06	1m W of 2917 @ bottom 150mm of cap	silty clay, tr. sand	1225	18.6	18.2	1726	71.0 *
68	16-May-06	20m S & 5m W of 2354 @ bottom 150mm of cap	silty clay, tr. sand	1185	19.9	18.2	1726	68.7 *
69	16-May-06	5m S & 5m W of 2354 @ bottom 150mm of cap	silty clay, tr. sand	1225	18.5	18.2	1726	71.0 *
70	16-May-06	5m S & 10m E of 2917 @ bottom 150mm of cap	silty clay, tr. sand	1170	20.3	18.2	1726	67.8 **
71	17-May-06	12m N of 2349 @ top 150mm of cap	silty clay, tr. sand	1213	18.2	18.2	1726	70.3 *

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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
72	17-May-06	2m S & 12m W of 2349 @ top 150mm of cap	silty clay, tr. sand	1203	19.4	18.2	1726	69.7 *
73	17-May-06	2m N of 2912 @ top 150mm of cap	silty clay, tr. sand	1199	19.8	18.2	1726	69.5 *
74	17-May-06	15m N & 12m W of 2912 @ top 150mm of cap	silty clay, tr. sand	1213	18.6	18.2	1726	70.3 *
75	17-May-06	4m W of 2332 @ bottom 150mm of cap	silty clay, tr. sand	1330	15.0	15.5	1759	75.6
76	17-May-06	5m S & 1m E of 2355 @ bottom 150mm of cap	silty clay, tr. sand	1329	15.3	15.5	1759	75.6
77	17-May-06	25m S of 2355 @ bottom 150mm of cap	silty clay, tr. sand	1325	15.6	15.5	1759	75.3
78	17-May-06	5m N of 2471 @ bottom 150mm of cap	silty clay, tr. sand	1321	15.5	15.5	1759	75.1
79	17-May-06	20m S & 5m E of 2471 @ bottom 150mm of cap	silty clay, tr. sand	1305	15.9	15.5	1759	74.2
80	17-May-06	15m S & 7m W of 2471 @ bottom 150mm of cap	silty clay, tr. sand	1318	15.9	15.5	1759	74.9
81	17-May-06	10m N & 12m W of 2968 @ top 150mm of cap	silty clay, tr. sand	1330	15.3	15.5	1759	75.6
82	17-May-06	8m S & 17m E of 2106 @ top 150mm of cap	silty clay, tr. sand	1327	15.2	15.5	1759	75.4

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83	17-May-06	1m S & 3m E of 2106 @ top 150mm of cap	silty clay, tr. sand	1319	15.3	15.5	1759	75.0
84	17-May-06	5m S & 7m E of 2106 @ top 150mm of cap	silty clay, tr. sand	1311	15.9	15.5	1759	74.5
85	18-May-06	5m N of 2110 @ bottom 150mm of cap	silty clay, tr. sand	1321	15.1	15.5	1759	75.1
86	18-May-06	5m N & 17m E of 2110 @ bottom 150mm of cap	silty clay, tr. sand	1312	15.9	15.5	1759	74.6
87	18-May-06	5m S & 3m W of 2966 @ bottom 150mm of cap	silty clay, tr. sand	1297	16.3	15.5	1759	73.7
88	18-May-06	15m N of 2973 @ top 150mm of cap	silty clay, tr. sand	1313	15.4	15.5	1759	74.6
89	18-May-06	12m S & 1m E of 1195 @ top 150mm of cap	silty clay, tr. sand	1315	15.5	15.5	1759	74.8
90	18-May-06	10m S & 10m E of 2110 @ top 150mm of cap	silty clay, tr. sand	1317	15.6	15.5	1759	74.9
91	18-May-06	1m S & 4m W of 2110 @ top 150mm of cap	silty clay, tr. sand	1297	16.2	15.5	1759	73.7
92	18-May-06	1m W of 2973 @ bottom 150mm of cap	silty clay, tr. sand	1301	16.4	15.5	1759	74.0
93	18-May-06	15m N & 15m E of 2114 @ bottom 150mm of cap	silty clay, tr. sand	1293	16.8	15.5	1759	73.5

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94	18-May-06	20m N & 5m E of 2114 @ bottom 150mm of cap	silty clay, tr. sand	1275	17.4	15.5	1759	72.5
95	18-May-06	10m N & 7m W of 2114 @ bottom 150mm of cap	silty clay, tr. sand	1301	16.5	15.5	1759	74.0
96	18-May-06	23m S of 2973 @ top 150mm of cap	silty clay, tr. sand	1290	16.7	15.5	1759	73.3
97	18-May-06	12m N & 4m W of 2114 @ top 150mm of cap	silty clay, tr. sand	1288	16.5	15.5	1759	73.2
98	18-May-06	10m N & 10m E of 2114 @ top 150mm of cap	silty clay, tr. sand	1285	17.0	15.5	1759	73.1
99	23-May-06	10m E of 2603 in top 150mm of cap	silty clay, tr. sand	1335	15.7	13.9	1794	74.4
100	23-May-06	7m S & 7m W of 2603 in top 150mm of cap	silty clay, tr. sand	1307	16.1	13.9	1794	72.9 *
101	23-May-06	5m S & 20m W of 2603 in top 150mm of cap	silty clay, tr. sand	1316	15.9	13.9	1794	73.4
102	23-May-06	5m E of 2580 in bottom 150mm of cap	silty clay, tr. sand	1334	14.9	13.9	1794	74.4
103	23-May-06	7m N & 10m W of 2580 in bottom 150mm of cap	silty clay, tr. sand	1302	16.7	13.9	1794	72.6 *
104	23-May-06	22m W & 7m N of 2580 in bottom 150mm of cap	silty clay, tr. sand	1355	14.7	13.9	1794	75.5

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105	23-May-06	25m W & 10m S of 2580 in bottom 150mm of cap	silty clay, tr. sand	1372	14.1	13.9	1794	76.5
106	23-May-06	20m W & 5m S of 2580 in bottom 150mm of cap	silty clay, tr. sand	1334	15.4	13.9	1794	74.4
107	23-May-06	15m N & 4m W of 2464 in top 150mm of cap	silty clay, tr. sand	1310	16.2	13.9	1794	73.0 *
108	23-May-06	15m N & 20m W of 2464 in top 150mm of cap	silty clay, tr. sand	1329	15.4	13.9	1794	74.1
109	23-May-06	10m N & 7m W of 2122 in top 150mm of cap	silty clay, tr. sand	1299	16.7	13.9	1794	72.4 *
110	23-May-06	3m S & 2m W of 2122 in top 150mm of cap	silty clay, tr. sand	1341	15.8	13.9	1794	74.7
111	24-May-06	5m S of 2462 in bottom 150mm of cap	silty clay, tr. sand	1310	16.3	13.9	1794	73.0 *
112	24-May-06	3m S & 15m W of 2462 in bottom 150mm of cap	silty clay, tr. sand	1362	14.9	13.9	1794	75.9
113	24-May-06	25m S & 7m W of 2122 in bottom 150mm of cap	silty clay, tr. sand	1318	15.8	13.9	1794	73.5
114	24-May-06	8m S of 2323 in top 150mm of cap	silty clay, tr. sand	1298	16.9	13.9	1794	72.4 *
115	24-May-06	15m E of 2323 in top 150mm of cap	silty clay, tr. sand	1328	15.1	13.9	1794	74.0

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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
116	24-May-06	11m S of 2327 in top 150mm of cap	silty clay, tr. sand	1317	16.1	13.9	1794	73.4 *
117	24-May-06	5m S & 15m E of 2327 in top 150mm of cap	silty clay, tr. sand	1339	15.6	13.9	1794	74.6
118	24-May-06	5m S & 5m E of 2127 in bottom 150mm of cap	silty clay, tr. sand	1351	15.2	13.9	1794	75.3
119	24-May-06	25m E of 2127 in bottom 150mm of cap	silty clay, tr. sand	1330	15.9	13.9	1794	74.1
120	24-May-06	12m N of 120 in bottom 150mm of cap	silty clay, tr. sand	1324	15.3	13.9	1794	73.8
121	24-May-06	20m N & 20m E of 120 in bottom 150mm of cap	silty clay, tr. sand	1309	16.9	13.9	1794	73.0 *
122	24-May-06	17m S & 15m E of 2327 in bottom 150mm of cap	silty clay, tr. sand	1351	15.4	13.9	1794	75.3
123	24-May-06	35m E of 2327 in bottom 150mm of cap	silty clay, tr. sand	1306	16.4	13.9	1794	72.8 *
124	24-May-06	10m S & 10m E of 2332 in bottom 150mm of cap	silty clay, tr. sand	1322	16.2	13.9	1794	73.7 *
125	24-May-06	10m S of 2127 in top 150mm of cap	silty clay, tr. sand	1327	15.3	13.9	1794	74.0
126	24-May-06	10m S & 25m E of 2127 in top 150mm of cap	silty clay, tr. sand	1311	16.8	13.9	1794	73.1 *

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My Company Name

My Address

To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Field Densities

Project Number:	M06-04-3666
Report Number:	1
Report Date:	04-Aug-06
Tested By:	EGT/CL
Field Method:	ASTMD2922
Lab Method:	ASTMD698
% Compaction Required:	72
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
127	24-May-06	5m N of 120 in top 150mm of cap	silty clay, tr. sand	1318	16.7	13.9	1794	73.5 *
128	24-May-06	2m N & 15m E of 120 in top 150mm of cap	silty clay, tr. sand	1361	15.1	13.9	1794	75.9
129	25-May-06	15m S & 3m E of 2127 @ top 150mm of cap	silty clay, tr. sand	1358	14.2	13.9	1794	75.7
130	25-May-06	20m S 20m E of 2127 in top 150mm of cap	silty clay, tr. sand	1339	14.9	13.9	1794	74.6
131	25-May-06	17m S & 40m E of 2127 in top 150mm of cap	silty clay, tr. sand	1346	15.3	13.9	1794	75.0
132	25-May-06	15m S & 60m E of 2127 in top 150mm of cap	silty clay, tr. sand	1327	15.3	13.9	1794	74.0
133	25-May-06	45m S & 30m E of 2327 in top 150mm of cap	silty clay, tr. sand	1338	15.7	13.9	1794	74.6
134	25-May-06	3m S & 15m E of 2327 in bottom 150mm of cap	silty clay, tr. sand	1357	14.6	13.9	1794	75.6
135	25-May-06	25m S & 15m E of 2327 in bottom 150mm of cap	silty clay, tr. sand	1334	16.0	13.9	1794	74.4 *
136	25-May-06	35m S & 15m E of 2327 in bottom 150mm of cap	silty clay, tr. sand	1348	15.8	13.9	1794	75.1
137	25-May-06	35m S of 2127 in top 150mm of cap	silty clay, tr. sand	1366	14.4	13.9	1794	76.1

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To: HazPro Env Services
10501 East Bellow Tr.
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Jay Barker

Project: Materials Testing
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Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
138	25-May-06	45m S & 20m E of 2127 in top 150mm of cap	silty clay, tr. sand	1354	15.3	13.9	1794	75.5
139	25-May-06	45m S & 35m E of 2127 in top 150mm of cap	silty clay, tr. sand	1351	14.4	13.9	1794	75.3
140	25-May-06	45m S & 50m E of 2127 in top 150mm of cap	silty clay, tr. sand	1353	15.5	13.9	1794	75.4
141	25-May-06	15m S & 75m E of 2127 in top 150mm of cap	silty clay, tr. sand	1347	14.9	13.9	1794	75.1
142	26-May-06	7m W of 4455 in bottom 150mm of cap	silty clay, tr. sand	1350	15.1	13.9	1794	75.3
143	26-May-06	12m S of 4455 in bottom 150mm of cap	silty clay, tr. sand	1330	15.4	13.9	1794	74.1
144	26-May-06	12m S & 12m W of 4455 in bottom 150mm of cap	silty clay, tr. sand	1306	16.6	13.9	1794	72.8 *
145	26-May-06	10m S & 12m W of 1803 in bottom 150mm of cap	silty clay, tr. sand	1333	15.2	13.9	1794	74.3
146	26-May-06	12m S & 7m E of 1803 in bottom 150mm of cap	silty clay, tr. sand	1386	14.2	13.9	1794	77.3
147	26-May-06	8m S & 2m E of 1805	silty clay, tr. sand	1359	14.9	13.9	1794	75.8
148	26-May-06	12m N & 5m W of 2525 in top 150mm of cap	silty clay, tr. sand	1315	15.7	13.9	1794	73.3

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My Company Name

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10501 East Bellow Tr.
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Project: Materials Testing
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Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
149	26-May-06	10m N & 10m E of 2525 in top 150mm of cap	silty clay, tr. sand	1321	16.0	13.9	1794	73.6 *
150	26-May-06	10m N & 25m E of 2525 in top 150mm of cap	silty clay, tr. sand	1323	16.4	13.9	1794	73.7 *
151	26-May-06	18m E of 1501 in top 150mm of cap	silty clay, tr. sand	1332	15.8	13.9	1794	74.2
152	26-May-06	10.5m S & 15m E of 1501 in top 150mm of cap	silty clay, tr. sand	1327	15.8	13.9	1794	74.0
153	26-May-06	10m N & 25m E of 1501 in top 150mm of cap	silty clay, tr. sand	1316	16.3	13.9	1794	73.4 *
154	26-May-06	15.5m N of 1501 in top 150mm of cap	silty clay, tr. sand	1343	15.4	13.9	1794	74.9
155	26-May-06	5m S & 8m E of 1501 in top 150mm of cap	silty clay, tr. sand	1336	15.7	13.9	1794	74.5
156	27-May-06	9m E & 5m N of 5339 in bottom 150mm of cap	silty clay, tr. sand	1329	15.2	13.9	1794	74.1
157	27-May-06	13m W & 45m N of 5351 in bottom 150mm of cap	silty clay, tr. sand	1343	14.9	13.9	1794	74.9
158	27-May-06	6m N & 3m W of 5352 in bottom 1500 of cap	silty clay, tr. sand	1324	15.7	13.9	1794	73.8
159	27-May-06	15m N & 1.5m W of 5343 in top 1500 of cap	silty clay, tr. sand	1355	14.9	13.9	1794	75.5

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10501 East Bellow Tr.
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Project: Materials Testing
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Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
160	27-May-06	6m N of 5340 in top 150mm of cap	silty clay, tr. sand	1330	15.0	13.9	1794	74.1
161	27-May-06	3m W of 2377 in bottom 150mm of cap	silty clay, tr. sand	1342	15.2	13.9	1794	74.8
162	27-May-06	6m N & 2.5m E of 2683 in bottom 150mm of cap	silty clay, tr. sand	1331	15.5	13.9	1794	74.2
163	27-May-06	8.5m S & 1m E of 2596 in bottom 150mm of cap	silty clay, tr. sand	1343	14.9	13.9	1794	74.9
164	27-May-06	4m W & 3m S of 4044 in bottom 150mm of cap	silty clay, tr. sand	1312	16.5	13.9	1794	73.1 *
165	27-May-06	10.5m S & 1m W of 2596 in bottom 150mm of cap	silty clay, tr. sand	1325	15.9	13.9	1794	73.9
166	27-May-06	14m W & 20m N of 5335 in top 150mm of cap	silty clay, tr. sand	1332	15.9	13.9	1794	74.2
167	27-May-06	14m W & 5m N of 5335 in top 150mm of cap	silty clay, tr. sand	1320	16.3	13.9	1794	73.6 *
168	27-May-06	14m W & 13.5m S of 5335 in top 150mm of cap	silty clay, tr. sand	1334	16.0	13.9	1794	74.4 *
169	27-May-06	14m W & 25m S of 5335 in top 150mm of cap	silty clay, tr. sand	1338	15.7	13.9	1794	74.6
170	27-May-06	25m W of 5335 in top 150mm of cap	silty clay, tr. sand	1337	16.0	13.9	1794	74.5 *

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10501 East Bellow Tr.
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Project: Materials Testing
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
171	02-Jun-06	5m N & 20m W of 5379 in bottom 150mm of cap	silty clay, tr. sand	1340	14.9	13.9	1794	74.7
172	02-Jun-06	2m S & 15m W of 5370 in bottom 150mm of cap	silty clay, tr. sand	1346	15.2	13.9	1794	75.0
173	02-Jun-06	3m S & 12m W of 5369 in bottom 150mm of cap	silty clay, tr. sand	1315	15.7	13.9	1794	73.3
174	02-Jun-06	2m N & 5m W of 5335 in top 150mm of cap	silty clay, tr. sand	1341	15.1	13.9	1794	74.7
175	02-Jun-06	10m S & 4m W of 5335 in top 150mm of cap	silty clay, tr. sand	1362	15.2	13.9	1794	75.9
176	02-Jun-06	1m N & 2m W of 5294 in top 150mm of cap	silty clay, tr. sand	1340	14.9	13.9	1794	74.7
177	02-Jun-06	12m N & 4m W of 5295 in top 150mm of cap	silty clay, tr. sand	1347	15.4	13.9	1794	75.1
178	02-Jun-06	10m N & 7m W of 5360 in top 150mm of cap	silty clay, tr. sand	1328	15.1	13.9	1794	74.0
179	02-Jun-06	8m S & 7m W of 5360 in top 150mm of cap	silty clay, tr. sand	1333	15.8	13.9	1794	74.3
180	02-Jun-06	7m N & 7m W of 5379 in bottom 150mm of cap	silty clay, tr. sand	1348	15.0	13.9	1794	75.1
181	02-Jun-06	4m S & 4m W of 5370 in bottom 150mm of cap	silty clay, tr. sand	1336	14.9	13.9	1794	74.5

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10501 East Bellow Tr.
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Project: Materials Testing
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Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
182	02-Jun-06	6m N & 2m W of 5370 in bottom 150mm of cap	silty clay, tr. sand	1362	15.4	13.9	1794	75.9
183	02-Jun-06	4m S of 5369 in bottom 150mm of cap	silty clay, tr. sand	1348	15.0	13.9	1794	75.1
184	02-Jun-06	5m S of 5360 in bottom 150mm of cap	silty clay, tr. sand	1335	15.7	13.9	1794	74.4
185	03-Jun-06	5m S & 4m W of 2568 in top 150mm of cap	silty clay, tr. sand	1325	15.3	13.9	1794	73.9
186	03-Jun-06	30m S & 4m W of 2568 in top 150mm of cap	silty clay, tr. sand	1336	14.9	13.9	1794	74.5
187	03-Jun-06	10m E of 5294 in top 150mm of cap	silty clay, tr. sand	1318	15.7	13.9	1794	73.5
188	03-Jun-06	12m N & 10m W of 5295 in top 150mm of cap	silty clay, tr. sand	1350	15.2	13.9	1794	75.3
189	03-Jun-06	2m S & 10m W of 5295 in top 150mm of cap	silty clay, tr. sand	1350	15.0	13.9	1794	75.3
190	03-Jun-06	8m W of 5360 in bottom 150mm of cap	silty clay, tr. sand	1341	15.1	13.9	1794	74.7
191	03-Jun-06	4m N of 5369 in bottom 150mm of cap	silty clay, tr. sand	1287	16.9	13.9	1794	71.7 **
192	03-Jun-06	2m N & 2m W of 5370 in bottom 150mm of cap	silty clay, tr. sand	1351	15.5	13.9	1794	75.3

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10501 East Bellow Tr.
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Jay Barker

Project: Materials Testing
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Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
193	03-Jun-06	1m E of 5379 in bottom 150mm of cap	silty clay, tr. sand	1343	15.2	13.9	1794	74.9
194	03-Jun-06	8.5m E & 2.5m N of 2568 in bottom 150mm of cap	silty clay, tr. sand	1350	14.3	13.9	1794	75.3
195	03-Jun-06	8.5m E & 35m S of 2568 in bottom 150mm of cap	silty clay, tr. sand	1334	14.8	13.9	1794	74.4
196	03-Jun-06	8.5m E & 73m S of 2568 in bottom 150mm of cap	silty clay, tr. sand	1335	14.9	13.9	1794	74.4
197	03-Jun-06	10m W of 2568 in top 150mm of cap	silty clay, tr. sand	1372	14.6	13.9	1794	76.5
198	03-Jun-06	10m W & 38.5m S of 2568 in top 150mm of cap	silty clay, tr. sand	1354	15.3	13.9	1794	75.5
199	03-Jun-06	10m W & 67m S of 2568 in top 150mm of cap	silty clay, tr. sand	1383	13.9	13.9	1794	77.1
200	04-Jun-06	15m S & 7m W of 5276 in top 150mm of cap	silty clay, tr. sand	1332	14.9	13.9	1794	74.2
201	04-Jun-06	5m N & 3m W of 5296 in top 150mm of cap	silty clay, tr. sand	1336	15.4	13.9	1794	74.5
202	04-Jun-06	1m N & 1m W of 5293 in top 150mm of cap	silty clay, tr. sand	1340	15.0	13.9	1794	74.7
203	04-Jun-06	20m N of 5293 in top 150mm of cap	silty clay, tr. sand	1322	15.7	13.9	1794	73.7

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To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
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Project Number: M06-04-3666
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Field Method: ASTMD2922
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% Compaction Required: 72
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
204	04-Jun-06	10m S of 243 in bottom 150mm of cap	silty clay, tr. sand	1333	15.1	13.9	1794	74.3
205	04-Jun-06	30m S of 243 in bottom 150mm of cap	silty clay, tr. sand	1357	15.3	13.9	1794	75.6
206	04-Jun-06	2m N & 4m W of 5288 in top 150mm of cap	silty clay, tr. sand	1297	16.7	13.9	1794	72.3 *
207	04-Jun-06	25m S of 5288 in top 150mm of cap	silty clay, tr. sand	1343	14.9	13.9	1794	74.9
208	04-Jun-06	2m N & 10m E of 5293 in top 150mm of cap	silty clay, tr. sand	1322	15.9	13.9	1794	73.7
209	04-Jun-06	4m N & 10m E of 5296 in bottom 150mm of cap	silty clay, tr. sand	1359	14.9	13.9	1794	75.8
210	04-Jun-06	10m S & 10m E of 5293 in bottom 150mm of cap	silty clay, tr. sand	1309	16.9	13.9	1794	73.0 *
211	04-Jun-06	15m N & 5m E of 5361 in bottom 150mm of cap	silty clay, tr. sand	1337	16.3	13.9	1794	74.5 *
212	04-Jun-06	5m S of 5361 in bottom 150mm of cap	silty clay, tr. sand	1329	15.9	13.9	1794	74.1
213	04-Jun-06	12m S & 12m E of 5296 in top 150mm of cap	silty clay, tr. sand	1362	15.2	13.9	1794	75.9
214	04-Jun-06	10m N & 20m E of 5296 in top 150mm of cap	silty clay, tr. sand	1342	15.4	13.9	1794	74.8

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10501 East Bellow Tr.
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Project: Materials Testing
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Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
215	04-Jun-06	5m N & 20m W of 5292 in top 150mm of cap	silty clay, tr. sand	1341	15.1	13.9	1794	74.7
216	04-Jun-06	7m S & 25m W of 5289 in top 150mm of cap	silty clay, tr. sand	1309	16.3	13.9	1794	73.0 *
217	05-Jun-06	2m N & 15m E of 5236 in top 150mm of cap	silty clay, tr. sand	1301	16.3	13.9	1794	72.5 *
218	05-Jun-06	20m S & 15m E of 5288 in tio 150mm of cap	silty clay, tr. sand	1338	15.3	13.9	1794	74.6
219	05-Jun-06	2m N & 7m W of 5292 in top 150mm of cap	silty clay, tr. sand	1322	15.7	13.9	1794	73.7
220	05-Jun-06	22m S & 10m W of 5292 in top 150mm of cap	silty clay, tr. sand	1304	16.9	13.9	1794	72.7 *
221	05-Jun-06	25m S & 5m W of 5368 in bottom 150mm of cap	silty clay, tr. sand	1313	16.1	13.9	1794	73.2 *
222	05-Jun-06	2m E of 5368 in bottom 150mm of cap	silty clay, tr. sand	1287	16.9	13.9	1794	71.7 **
223	05-Jun-06	25m N & 5m E of 5368 in bottom 150mm of cap	silty clay, tr. sand	1300	16.5	13.9	1794	72.5 *
224	05-Jun-06	5m E of 5362 in bottom 150mm of cap	silty clay, tr. sand	1253	19.5	13.9	1794	69.8 **
225	05-Jun-06	25m N & 5m W of 5362 in bottom 150mm of cap	silty clay, tr. sand	1230	20.3	13.9	1794	68.6 **

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10501 East Bellow Tr.
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Project: Materials Testing
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Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
226	05-Jun-06	5m S & 7m W of 5292 in bottom 150mm of cap	silty clay, tr. sand	1258	19.3	13.9	1794	70.1 **
227	06-Jun-06	10m S of 2567 in top 150mm of cap	clay. tr. silt	1276	18.2	15.3	1819	70.1 **
228	06-Jun-06	5m W of 5292 in top 150mm of cap	clay. tr. silt	1283	18.0	15.3	1819	70.5 **
229	06-Jun-06	10m N & 7m W of 5297 in top 150mm of cap	clay. tr. silt	1307	17.3	15.3	1819	71.9 *
230	06-Jun-06	12m S & 10m W of 5297 in top 150mm of cap	clay. tr. silt	1285	17.9	15.3	1819	70.6 **
231	06-Jun-06	5m N & 5m W of 5362 in top 150mm of cap	clay. tr. silt	1285	18.1	15.3	1819	70.6 **
232	06-Jun-06	25m S & 12m W of 5367 in bottom 150mm of cap	clay. tr. silt	1296	17.5	15.3	1819	71.2 **
233	06-Jun-06	5m W of 5367 in bottom 150mm of cap	clay. tr. silt	1223	20.7	17.7	1819	67.2 **
234	06-Jun-06	25m N & 5m W of 5367 in bottom 150mm of cap	clay. tr. silt	1289	17.8	15.3	1819	70.9 **
235	06-Jun-06	7m S & 7m E of 5297 in bottom 150mm of cap	clay. tr. silt	1281	18.2	15.3	1819	70.4 **
236	06-Jun-06	8m S & 10m E of 5292 in bottom 150mm of cap	clay. tr. silt	1289	17.8	15.3	1819	70.9 **

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10501 East Bellow Tr.
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Project: Materials Testing
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Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
237	06-Jun-06	15m N & 3m E of 5292 in bottom 150mm of cap	clay. tr. silt	1294	17.7	15.3	1819	71.1 **
238	06-Jun-06	12m S & 10m W of 5289 in bottom 150mm of cap	clay. tr. silt	1299	17.4	15.3	1819	71.4 **
239	06-Jun-06	10m W of 5289 in bottom 150mm of cap	clay. tr. silt	1287	17.8	15.3	1819	70.8 **
240	06-Jun-06	50m S & 15m E of 5362 in top 150mm of cap	clay. tr. silt	1293	17.8	15.3	1819	71.1 **
241	06-Jun-06	60m S & 15m E of 5362 in top 150mm of cap	clay. tr. silt	1282	17.9	15.3	1819	70.5 **
242	06-Jun-06	10m N & 45m W of 5382 in top 150mm of cap	clay. tr. silt	1290	17.7	15.3	1819	70.9 **
243	06-Jun-06	10m S & 55m W of 5382 in top 150mm of cap	clay. tr. silt	1299	17.6	15.3	1819	71.4 **
244	06-Jun-06	5m S & 5m E of 5289 in bottom 150mm of cap	clay. tr. silt	1288	17.7	15.3	1819	70.8 **
245	06-Jun-06	25m S of 5289 in bottom 150mm of cap	clay. tr. silt	1300	17.5	15.3	1819	71.5 **
246	06-Jun-06	5m W of 7240 in bottom 150mm of cap	clay. tr. silt	1290	17.8	15.3	1819	70.9 **
247	06-Jun-06	12m N & 3m E of 5363 in bottom 150mm of cap	clay. tr. silt	1289	17.9	15.3	1819	70.9 **

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My Company Name

My Address

Field Densities

To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
248	06-Jun-06	3m N & 2m E of 13507 in bottom 150mm of cap	clay. tr. silt	1281	18.2	15.3	1819	70.4 **
249	06-Jun-06	25m S & 10m W of 13507 in bottom 150mm of cap	clay. tr. silt	1296	17.7	15.3	1819	71.2 **
250	07-Jun-06	12m N & 5m E of 2359 in top 150mm of cap	clay. tr. silt	1321	17.3	15.3	1819	72.6
251	07-Jun-06	5m N & 15m E of 5380 in top 150mm of cap	clay. tr. silt	1287	17.9	15.3	1819	70.8 **
252	07-Jun-06	7m W of 13510 in top 150mm of cap	clay. tr. silt	1293	17.6	15.3	1819	71.1 **
253	07-Jun-06	5m E of 13509 in top 150mm of cap	clay. tr. silt	1296	17.4	15.3	1819	71.2 **
254	07-Jun-06	7m E & 25m N of 13509 in top 150mm of cap	clay. tr. silt	1289	17.8	15.3	1819	70.9 **
255	07-Jun-06	25m N of 7240 in bottom 150mm of cap	clay. tr. silt	1276	18.3	15.3	1819	70.1 **
256	07-Jun-06	2m S of 7240 in bottom 150mm of cap	clay. tr. silt	1285	18.1	15.3	1819	70.6 **
257	07-Jun-06	5m S & 5m W of 7192 in bottom 150mm of cap	clay. tr. silt	1289	17.9	15.3	1819	70.9 **
258	07-Jun-06	15m E of 5363 in bottom 150mm of cap	clay. tr. silt	1281	18.2	15.3	1819	70.4 **

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To: HazPro Env Services
10501 East Bellow Tr.
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Jay Barker

Project: Materials Testing
WESTCO - capping

Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
259	07-Jun-06	10m E of 13507 in bottom 150mm of cap	clay. tr. silt	1294	17.6	15.3	1819	71.1 **
260	07-Jun-06	5m S of 1481 in top 150mm of cap	clay. tr. silt	1297	17.3	15.3	1819	71.3 *
261	07-Jun-06	30m S of 1481 in top 150mm of cap	clay. tr. silt	1300	17.5	15.3	1819	71.5 **
262	07-Jun-06	5m W of 5291in top 150mm of cap	clay. tr. silt	1293	17.5	15.3	1819	71.1 **
263	07-Jun-06	7m E of 7192 in top 150mm of cap	clay. tr. silt	1288	17.9	15.3	1819	70.8 **
264	07-Jun-06	2m E & 7m S of 13510 in bottom 150mm of cap	clay. tr. silt	1294	17.9	15.3	1819	71.1 **
265	07-Jun-06	5m N of 13511 in bottom 150mm of cap	clay. tr. silt	1281	18.3	15.3	1819	70.4 **
266	07-Jun-06	5m S & 5m E of 5380 in bottom 150mm of cap	clay. tr. silt	1293	17.6	15.3	1819	71.1 **
267	07-Jun-06	5m S & 10m W of 5380 in bottom 150mm of cap	clay. tr. silt	1300	17.2	15.3	1819	71.5 *
268	07-Jun-06	10m N & 20m E of 7192 in top 150mm of cap	clay. tr. silt	1293	17.7	15.3	1819	71.1 **
269	07-Jun-06	5m N & 5m E of 13505 in top 150mm of cap	clay. tr. silt	1294	17.9	15.3	1819	71.1 **
270	07-Jun-06	5m N & 5m E of 13506 in top 150mm of cap	clay. tr. silt	1295	17.5	15.3	1819	71.2 **

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To: HazPro Env Services
10501 East Bellow Tr.
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Project: Materials Testing
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Project Number: M06-04-3666
Report Number: 1
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Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
271	07-Jun-06	5m N & 5m E of 13508 in top 150mm of cap	clay. tr. silt	1293	17.6	15.3	1819	71.1 **
272	07-Jun-06	10m S & 10m W of 13508 in top 150mm of cap	clay. tr. silt	1286	18.0	15.3	1819	70.7 **
273	13-Jun-06	30m N of 2354 in bottom 150mm of cap	clay. tr. silt	1289	17.2	16.4	1772	72.7
274	13-Jun-06	5m N & 5m E of 2354 in bottom 150mm of cap	clay. tr. silt	1267	17.9	16.4	1772	71.5 *
275	13-Jun-06	2m S & 12m W of 5391 in bottom 150mm of cap	clay. tr. silt	1240	18.6	16.4	1772	70.0 **
276	13-Jun-06	3m N of 2349 in bottom 150mm of cap	clay. tr. silt	1253	18.1	16.4	1772	70.7 *
277	13-Jun-06	25m N & 7m W of 5390 in top 150mm of cap	clay. tr. silt	1275	17.4	16.4	1772	72.0
278	13-Jun-06	5m N & 6m W of 5390 in top 150mm of cap	clay. tr. silt	1247	18.4	16.4	1772	70.4 *
279	13-Jun-06	10m S & 10m W of 5390 in top 150mm of cap	clay. tr. silt	1285	17.3	16.4	1772	72.5
280	13-Jun-06	5m S & 5m W of 5536 in bottom 150mm of cap	clay. tr. silt	1267	17.9	16.4	1772	71.5 *
281	13-Jun-06	10m N & 5m W of 5536 in bottom 150mm of cap	clay. tr. silt	1288	17.2	16.4	1772	72.7

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Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
282	13-Jun-06	5m W of 5398 in bottom 150mm of cap	clay. tr. silt	1246	18.6	16.4	1772	70.3 **
283	13-Jun-06	15m N & 5m W of 5398 in bottom 150mm of cap	clay. tr. silt	1283	17.6	16.4	1772	72.4
284	13-Jun-06	20m W of 5392 in bottom 150mm of cap	clay. tr. silt	1239	18.7	16.4	1772	69.9 **
285	13-Jun-06	10m S & 5m E of 5390 in bottom 150mm of cap	clay. tr. silt	1252	18.5	16.4	1772	70.7 **
286	13-Jun-06	10m N & 7m E of 5390 in bottom 150mm of cap	clay. tr. silt	1237	19.1	16.4	1772	69.8 **
287	13-Jun-06	20m N & 5m E of 5390 in top 150mm of cap	clay. tr. silt	1274	17.0	16.4	1772	71.9 *
288	13-Jun-06	10m S & 10m W of 13512 in top 150mm of cap	clay. tr. silt	1282	17.3	16.4	1772	72.3
289	13-Jun-06	5m W of 5392 in top 150mm of cap	clay. tr. silt	1279	17.4	16.4	1772	72.2
290	13-Jun-06	18m E of 5398 in top 150mm of cap	clay. tr. silt	1277	17.5	16.4	1772	72.1
291	13-Jun-06	10m N & 10m E of 5536 in top 150mm of cap	clay. tr. silt	1287	17.9	16.4	1772	72.6
292	13-Jun-06	7m N of 5543 in top 150mm of cap	clay. tr. silt	1306	17.1	16.4	1772	73.7

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To: HazPro Env Services
10501 East Bellow Tr.
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Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
293	14-Jun-06	2m S & 5m W of 13511 in bottom 150mm of cap	clay. tr. silt	1262	18.9	16.4	1772	71.2 **
294	14-Jun-06	25m S & 7m W of 13511 in bottom 150mm of cap	clay. tr. silt	1302	17.4	16.4	1772	73.5
295	14-Jun-06	15m W of 5393 in bottom 150mm of cap	clay. tr. silt	1266	18.1	16.4	1772	71.4 *
296	14-Jun-06	5m N & 5m E of 5397 in bottom 150mm of cap	clay. tr. silt	1249	18.3	16.4	1772	70.5 *
297	14-Jun-06	25m S & 10m E of 5397 in bottom 150mm of cap	clay. tr. silt	1250	18.6	16.4	1772	70.5 **
298	14-Jun-06	5m N of 5542 in bottom 150mm of cap	clay. tr. silt	1277	17.8	16.4	1772	72.1
299	14-Jun-06	20m N & 10m E of 5542 in bottom 150mm of cap	clay. tr. silt	1269	17.8	16.4	1772	71.6 *
300	14-Jun-06	15m W of 5382 in top 150mm of cap	clay. tr. silt	1283	17.9	16.4	1772	72.4
301	14-Jun-06	7m W of 5388 in top 150mm of cap	clay. tr. silt	1283	17.5	16.4	1772	72.4
302	14-Jun-06	17m S of 5388 in top 150mm of cap	clay. tr. silt	1257	18.1	16.4	1772	70.9 *
303	19-Jun-06	5m S of 5393 in top 150mm of cap	clay. tr. silt	1265	17.9	16.4	1772	71.4 *
304	19-Jun-06	5m W of 5396 in top 150mm of cap	clay. tr. silt	1285	17.8	16.4	1772	72.5

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Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
305	19-Jun-06	5m W of 5538 in top 150mm of cap	clay. tr. silt	1271	17.7	16.4	1772	71.7 *
306	19-Jun-06	10m W & 15m E of 5542 in top 150mm of cap	clay. tr. silt	1256	18.1	16.4	1772	70.9 *
307	19-Jun-06	10m S of 5543 in top 150mm of cap	clay. tr. silt	1279	17.6	16.4	1772	72.2
308	19-Jun-06	15m N of 5542 in top 150mm of cap	clay. tr. silt	1261	17.7	16.4	1772	71.2 *
309	19-Jun-06	5m S & 2m E of 5542 in top 150mm of cap	clay. tr. silt	1259	18.0	16.4	1772	71.0 *
310	19-Jun-06	25m W of 5337 in top 150mm of cap	clay. tr. silt	1264	18.9	16.4	1772	71.3 **
311	19-Jun-06	20m N of 1126 in top 150mm of cap	clay. tr. silt	1269	17.8	16.4	1772	71.6 *
312	19-Jun-06	10m S & 12m E of 5543 in bottom 150mm of cap	clay. tr. silt	1255	17.7	16.4	1772	70.8 *
313	19-Jun-06	7m N & 5m W of 5336 in bottom 150mm of cap	clay. tr. silt	1254	18.6	16.4	1772	70.8 **
314	19-Jun-06	12m S of 5336 in bottom 150mm of cap	clay. tr. silt	1267	17.5	16.4	1772	71.5 *
315	19-Jun-06	10m S & 10m W of 5337 in bottom 150mm of cap	clay. tr. silt	1254	17.9	16.4	1772	70.8 *
316	24-Jun-06	10m S of 1439 in top 150mm of cap	clay. tr. silt	1240	18.7	16.4	1772	70.0 **

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10501 East Bellow Tr.
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Project: Materials Testing
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Project Number: M06-04-3666
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Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
317	24-Jun-06	12m S of 1463 in top 150mm of cap	clay. tr. silt	1274	18.1	16.4	1772	71.9 *
318	24-Jun-06	12m E of 1463 in top 150mm of cap	clay. tr. silt	1265	17.7	16.4	1772	71.4 *
319	24-Jun-06	7m S of 5112 in top 150mm of cap	clay. tr. silt	1262	17.4	16.4	1772	71.2 *
320	24-Jun-06	10m E of 5112 in top 150mm of cap	clay. tr. silt	1263	17.9	16.4	1772	71.3 *
321	24-Jun-06	10m E of 1521 in top 150mm of cap	clay. tr. silt	1257	17.8	16.4	1772	70.9 *
322	24-Jun-06	3m S & 15m E of 5103 in bottom 150mm of cap	clay. tr. silt	1252	18.5	16.4	1772	70.7 **
323	24-Jun-06	10m N & 12m E of 5103 in bottom 150mm of cap	clay. tr. silt	1268	18.2	16.4	1772	71.6 *
324	24-Jun-06	20m E of 13506 in bottom 150mm of cap	clay. tr. silt	1287	17.7	16.4	1772	72.6
325	24-Jun-06	5m W of 5374 in bottom 150mm of cap	clay. tr. silt	1253	18.0	16.4	1772	70.7 *
326	24-Jun-06	15m N & 7m E of 5376 in bottom 150mm of cap	clay. tr. silt	1289	17.5	16.4	1772	72.7
327	24-Jun-06	2m S & 2m E of 5376 in bottom 150mm of cap	clay. tr. silt	1260	18.5	16.4	1772	71.1 **
328	24-Jun-06	20m E & 5m N of 5382 in bottom 150mm of cap	clay. tr. silt	1261	17.6	16.4	1772	71.2 *

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Project Number: M06-04-3666
Report Number: 1
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Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
329	24-Jun-06	5m W of 5382 in bottom 150mm of cap	clay. tr. silt	1249	18.3	16.4	1772	70.5 *
330	25-Jun-06	20m S & 5m W of 5374 in top 150mm of cap	clay. tr. silt	1267	17.9	16.4	1772	71.5 *
331	25-Jun-06	10m S & 5m E of 5376 in top 150mm of cap	clay. tr. silt	1295	17.4	16.4	1772	73.1
332	25-Jun-06	5m N & 5m W of 5383 in top 150mm of cap	clay. tr. silt	1279	18.1	16.4	1772	72.2
333	25-Jun-06	5m N & 15m W of 5387 in top 150mm of cap	clay. tr. silt	1229	18.9	16.4	1772	69.4 **
334	25-Jun-06	5m N & 5m E of 1355 in top 150mm of cap	clay. tr. silt	1264	18.0	16.4	1772	71.3 *
335	25-Jun-06	5m N & 15m W of 5394 in bottom 150mm of cap	clay. tr. silt	1268	17.9	16.4	1772	71.6 *
336	25-Jun-06	5m S & 5m W of 5387 in bottom 150mm of cap	clay. tr. silt	1267	17.4	16.4	1772	71.5 *
337	25-Jun-06	15m N & 2m W of 5387 in bottom 150mm of cap	clay. tr. silt	1266	17.7	16.4	1772	71.4 *
338	25-Jun-06	10m E of 5376 in bottom 150mm of cap	clay. tr. silt	1251	18.0	16.4	1772	70.6 *
339	25-Jun-06	10m S & 5m W of 5374 in bottom 150mm of cap	clay. tr. silt	1239	18.5	16.4	1772	69.9 **

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Project: Materials Testing
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% Compaction Required:	72
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
340	25-Jun-06	15m W of 7195 in top 150mm of cap	clay. tr. silt	1297	17.5	16.4	1772	73.2
341	25-Jun-06	5m N & 2m E of 5374 in top 150mm of cap	clay. tr. silt	1267	17.8	16.4	1772	71.5 *
342	25-Jun-06	7m W of 5375 in top 150mm of cap	clay. tr. silt	1259	18.0	16.4	1772	71.0 *
343	25-Jun-06	30m N & 10m E of 5387 in top 150mm of cap	clay. tr. silt	1275	18.1	16.4	1772	72.0
344	25-Jun-06	5m N & 10m E of 5387 in top 150mm of cap	clay. tr. silt	1257	17.6	16.4	1772	70.9 *
345	25-Jun-06	15m S & 7m E of 5387 in top 150mm of cap	clay. tr. silt	1245	18.3	16.4	1772	70.3 *
346	25-Jun-06	2m S of 5375 in bottom 150mm of cap	clay. tr. silt	1285	17.4	16.4	1772	72.5
347	25-Jun-06	25m S of 5375 in bottom 150mm of cap	clay. tr. silt	1277	17.5	16.4	1772	72.1
348	25-Jun-06	20m E of 5387 in bottom 150mm of cap	clay. tr. silt	1261	17.7	16.4	1772	71.2 *
349	25-Jun-06	5m N of 5394 in bottom 150mm of cap	clay. tr. silt	1235	18.6	16.4	1772	69.7 **
350	26-Jun-06	20m E of 13505 in top 150mm of cap	clay. tr. silt	1242	18.4	16.4	1772	70.1 *
351	26-Jun-06	2m W of 13503 in top 150mm of cap	clay. tr. silt	1233	18.7	16.4	1772	69.6 **

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Project: Materials Testing
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Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
352	26-Jun-06	7m W of 5290 in top 150mm of cap	clay. tr. silt	1252	18.1	16.4	1772	70.7 *
353	26-Jun-06	20m E of 1368 in top 150mm of cap	clay. tr. silt	1285	17.4	16.4	1772	72.5
354	26-Jun-06	5m S & 5m W of 13500 in top 150mm of cap	clay. tr. silt	1244	18.4	16.4	1772	70.2 *
355	26-Jun-06	15m S of 13505 in bottom 150mm of cap	clay. tr. silt	1275	17.5	16.4	1772	72.0
356	26-Jun-06	5m W of 13504 in bottom 150mm of cap	clay. tr. silt	1219	19.4	16.4	1772	68.8 **
357	26-Jun-06	7m W & 20m S of 13504 in bottom 150mm of cap	clay. tr. silt	1238	18.7	16.4	1772	69.9 **
358	26-Jun-06	5m S of 7195 in bottom 150mm of cap	clay. tr. silt	1230	18.9	16.4	1772	69.4 **
359	26-Jun-06	10m S & 5m E of 13504 in top 150mm of cap	clay. tr. silt	1289	17.5	16.4	1772	72.7
360	26-Jun-06	25m S & 7m E of 7195 in top 150mm of cap	clay. tr. silt	1263	17.7	16.4	1772	71.3 *
361	26-Jun-06	2m S of 7196 in top 150mm of cap	clay. tr. silt	1264	17.5	16.4	1772	71.3 *
362	26-Jun-06	5m W of 7197 in top 150mm of cap	clay. tr. silt	1247	18.0	16.4	1772	70.4 *
363	26-Jun-06	2m N & 7m W of 7198 in top 150mm of cap	clay. tr. silt	1244	18.2	16.4	1772	70.2 *

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My Company Name

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Field Densities

To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
364	26-Jun-06	12m W of 7199 in top 150mm of cap	clay. tr. silt	1239	19.0	16.4	1772	69.9 **
365	26-Jun-06	15m W of 7200 in top 150mm of cap	clay. tr. silt	1252	18.2	16.4	1772	70.7 *
366	26-Jun-06	10m N & 7m W of 13499 in bottom 150mm of cap	clay. tr. silt	1276	17.7	16.4	1772	72.0
367	26-Jun-06	2m S & 2m E of 13500 in bottom 150mm of cap	clay. tr. silt	1273	17.8	16.4	1772	71.8 *
368	26-Jun-06	2m N & 12m E of 13503 in bottom 150mm of cap	clay. tr. silt	1281	18.0	16.4	1772	72.3
369	26-Jun-06	5m N & 7m E of 13504 in bottom 150mm of cap	clay. tr. silt	1266	17.8	16.4	1772	71.4 *
370	26-Jun-06	5m N & 15m E of 7195 in bottom 150mm of cap	clay. tr. silt	1238	18.5	16.4	1772	69.9 **
371	26-Jun-06	2m N & 7m E of 7196 in bottom 150mm of cap	clay. tr. silt	1299	17.4	16.4	1772	73.3
372	26-Jun-06	5m S & 2m E of 7197 in bottom 150mm of cap	clay. tr. silt	1266	17.5	16.4	1772	71.4 *
373	27-Jun-06	15m N & 2m W of 13499 in top 150mm of cap	clay. tr. silt	1247	18.4	16.4	1772	70.4 *
374	27-Jun-06	5m S of 13499 in top 150mm of cap	clay. tr. silt	1268	18.0	16.4	1772	71.6 *

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My Company Name

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To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

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Project: Materials Testing
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Field Densities

Project Number:	M06-04-3666
Report Number:	1
Report Date:	04-Aug-06
Tested By:	EGT/CL
Field Method:	ASTMD2922
Lab Method:	ASTMD698
% Compaction Required:	72
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
375	27-Jun-06	30m S of 13499 in top 150mm of cap	clay. tr. silt	1265	17.9	16.4	1772	71.4 *
376	27-Jun-06	12m E of 5290 in top 150mm of cap	clay. tr. silt	1296	17.4	16.4	1772	73.1
377	27-Jun-06	20m S & 15m E of 5290 in top 150mm of cap	clay. tr. silt	1272	17.9	16.4	1772	71.8 *
378	27-Jun-06	10m S & 5m E of 7199 in bottom 150mm of cap	clay. tr. silt	1271	17.5	16.4	1772	71.7 *
379	27-Jun-06	12m N & 7m E of 7199 in bottom 150mm of cap	clay. tr. silt	1255	18.0	16.4	1772	70.8 *
380	27-Jun-06	12m E of 7198 in bottom 150mm of cap	clay. tr. silt	1254	18.3	16.4	1772	70.8 *
381	27-Jun-06	7m N & 5m W of 7216 in bottom 150mm of cap	clay. tr. silt	1290	17.8	16.4	1772	72.8
382	27-Jun-06	13m E of 7197 in bottom 150mm of cap	clay. tr. silt	1290	17.6	16.4	1772	72.8
383	27-Jun-06	7m W of 7217 in bottom 150mm of cap	clay. tr. silt	1247	18.4	16.4	1772	70.4 *
384	27-Jun-06	7m W of 7218 in bottom 150mm of cap	clay. tr. silt	1276	17.8	16.4	1772	72.0
385	27-Jun-06	10m W of 7219 in bottom 150mm of cap	clay. tr. silt	1259	18.3	16.4	1772	71.0 *

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My Company Name

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10501 East Bellow Tr.
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Jay Barker

Project: Materials Testing
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Field Densities

Project Number:	M06-04-3666
Report Number:	1
Report Date:	04-Aug-06
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Field Method:	ASTMD2922
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% Compaction Required:	72
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
386	27-Jun-06	10m N & 5m E of 7174 in top 150mm of cap	clay. tr. silt	1234	18.9	16.4	1772	69.6 **
387	27-Jun-06	7m S & 3m E of 7174 in top 150mm of cap	clay. tr. silt	1251	18.3	16.4	1772	70.6 *
388	27-Jun-06	20m W of 13498 in top 150mm of cap	clay. tr. silt	1267	17.9	16.4	1772	71.5 *
389	27-Jun-06	5m W of 13501 in top 150mm of cap	clay. tr. silt	1237	18.8	16.4	1772	69.8 **
390	27-Jun-06	7m W of 7220 in top 150mm of cap	clay. tr. silt	1297	17.4	16.4	1772	73.2
391	27-Jun-06	3m N of 7219 in top 150mm of cap	clay. tr. silt	1273	17.6	16.4	1772	71.8 *
392	27-Jun-06	2m S & 2m E of 7218 in top 150mm of cap	clay. tr. silt	1259	18.0	16.4	1772	71.0 *
393	28-Jun-06	7m S of 5542 in bottom 150mm of cap	clay. tr. silt	1275	17.5	16.4	1772	72.0
394	28-Jun-06	10m N & 3m W of 5347 in bottom 150mm of cap	clay. tr. silt	1261	17.9	16.4	1772	71.2 *
395	28-Jun-06	2m N & 5m W of 5346 in bottom 150mm of cap	clay. tr. silt	1262	18.7	16.4	1772	71.2 **
396	28-Jun-06	10m N of 5338 in bottom 150mm of cap	clay. tr. silt	1266	17.5	16.4	1772	71.4 *
397	28-Jun-06	5m S & 2m E of 5338 in bottom 150mm of cap	clay. tr. silt	1259	18.0	16.4	1772	71.0 *

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10501 East Bellow Tr.
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Project: Materials Testing
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Field Densities

Project Number:	M06-04-3666
Report Number:	1
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
398	28-Jun-06	10m E of 5542 in top 150mm of cap	clay. tr. silt	1258	18.2	16.4	1772	71.0 *
399	28-Jun-06	2m E of 5347 in top 150mm of cap	clay. tr. silt	1229	18.9	16.4	1772	69.4 **
400	28-Jun-06	5m N & 7m E of 5346 in top 150mm of cap	clay. tr. silt	1280	17.8	16.4	1772	72.2
401	28-Jun-06	5m N & 5m W of 5541 in bottom 150mm of cap	clay. tr. silt	1261	18.1	16.4	1772	71.2 *
402	28-Jun-06	20m S of 5541 in bottom 150mm of cap	clay. tr. silt	1239	18.8	16.4	1772	69.9 **
403	28-Jun-06	7m N of 5348 in bottom 150mm of cap	clay. tr. silt	1289	17.9	16.4	1772	72.7
404	28-Jun-06	15m S of 5348 in bottom 150mm of cap	clay. tr. silt	1244	18.5	16.4	1772	70.2 **
405	28-Jun-06	5m S & 7m W of 5349 in bottom 150mm of cap	clay. tr. silt	1280	17.7	16.4	1772	72.2
406	28-Jun-06	5m N of 5350 in top 150mm of cap	clay. tr. silt	1297	17.4	16.4	1772	73.2
407	28-Jun-06	2m N & 7m W of 5357 in top 150mm of cap	clay. tr. silt	1270	17.9	16.4	1772	71.7 *
408	28-Jun-06	2m W of 5358 in top 150mm of cap	clay. tr. silt	1249	18.3	16.4	1772	70.5 *
409	28-Jun-06	7m S & 5m W of 5540 in top 150mm of cap	clay. tr. silt	1240	18.6	16.4	1772	70.0 **

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Project Number:	M06-04-3666
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
410	28-Jun-06	10m S of 5538 in top 150mm of cap	clay. tr. silt	1228	19.0	16.4	1772	69.3 **
411	29-Jun-06	10m S & 5m W of 1200 in bottom 150mm of cap	clay. tr. silt	1274	17.5	16.4	1772	71.9 *
412	29-Jun-06	10m S & 25m W of 1200 in bottom 150mm of cap	clay. tr. silt	1274	17.6	16.4	1772	71.9 *
413	29-Jun-06	30m S & 2m E of 1501 in bottom 150mm of cap	clay. tr. silt	1289	17.7	16.4	1772	72.7
414	29-Jun-06	15m S & 10m W of 1094 in bottom 150mm of cap	clay. tr. silt	1238	18.7	16.4	1772	69.9 **
415	29-Jun-06	15m S & 15m E of 1094 in bottom 150mm of cap	clay. tr. silt	1249	18.3	16.4	1772	70.5 *
416	29-Jun-06	20m S of 1297 in bottom 150mm of cap	clay. tr. silt	1286	17.8	16.4	1772	72.6
417	29-Jun-06	5m E of 5540 in top 150mm of cap	clay. tr. silt	1259	18.0	16.4	1772	71.0 *
418	29-Jun-06	7m W of 7235 in top 150mm of cap	clay. tr. silt	1278	17.6	16.4	1772	72.1
419	29-Jun-06	10m E of 5358 in top 150mm of cap	clay. tr. silt	1282	17.9	16.4	1772	72.3
420	29-Jun-06	7m E of 5357 in top 150mm of cap	clay. tr. silt	1249	18.4	16.4	1772	70.5 *
421	29-Jun-06	7m N & 2m W of 5355 in top 150mm of cap	clay. tr. silt	1256	18.5	16.4	1772	70.9 **

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My Company Name

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To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Field Densities

Project Number:	M06-04-3666
Report Number:	1
Report Date:	04-Aug-06
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
422	29-Jun-06	12m N & 10m E of 5540 in bottom 150mm of cap	clay. tr. silt	1273	18.1	16.4	1772	71.8 *
423	29-Jun-06	7m N & 20m E of 5540 in bottom 150mm of cap	clay. tr. silt	1272	17.8	16.4	1772	71.8 *
424	29-Jun-06	5m S & 7m W of 7203 in bottom 150mm of cap	clay. tr. silt	1274	17.8	16.4	1772	71.9 *
425	29-Jun-06	5m S & 5m E of 7235 in bottom 150mm of cap	clay. tr. silt	1237	18.7	16.4	1772	69.8 **
426	29-Jun-06	2m S & 2m W of 7204 in bottom 150mm of cap	clay. tr. silt	1219	19.4	16.4	1772	68.8 **
427	29-Jun-06	7m N of 7205 in bottom 150mm of cap	clay. tr. silt	1261	17.8	16.4	1772	71.2 *
428	29-Jun-06	7m E of 5534 in bottom 150mm of cap	clay. tr. silt	1246	18.1	16.4	1772	70.3 *
429	30-Jun-06	7m N & 3m W of 7203 in top 150mm of cap	clay. tr. silt	1255	18.2	16.4	1772	70.8 *
430	30-Jun-06	10m E of 7235 in top 150mm of cap	clay. tr. silt	1280	17.6	16.4	1772	72.2
431	30-Jun-06	5m E of 7204 in top 150mm of cap	clay. tr. silt	1259	18.7	16.4	1772	71.0 **
432	30-Jun-06	10m N & 10m W of 7208 in top 150mm of cap	clay. tr. silt	1269	17.9	16.4	1772	71.6 *

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My Company Name

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Field Densities

To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
433	30-Jun-06	12m W of 7207 in top 150mm of cap	clay. tr. silt	1298	17.6	16.4	1772	73.3
434	30-Jun-06	7m N & 2m E of 5353 in top 150mm of cap	clay. tr. silt	1264	18.0	16.4	1772	71.3 *
435	30-Jun-06	10m W of 5539 in bottom 150mm of cap	clay. tr. silt	1239	18.6	16.4	1772	69.9 **
436	30-Jun-06	15m N & 5m W of 5539 in bottom 150mm of cap	clay. tr. silt	1302	17.4	16.4	1772	73.5
437	30-Jun-06	7m W of 5395 in bottom 150mm of cap	clay. tr. silt	1260	18.2	16.4	1772	71.1 *
438	30-Jun-06	5m N & 5m E of 5396 in bottom 150mm of cap	clay. tr. silt	1291	17.5	16.4	1772	72.9
439	30-Jun-06	10m S & 10m E of 5188 in bottom 150mm of cap	clay. tr. silt	1229	19.0	16.4	1772	69.4 **
440	30-Jun-06	7m S & 7m E of 5539 in top 150mm of cap	clay. tr. silt	1238	18.8	16.4	1772	69.9 **
441	30-Jun-06	15m N & 7m E of 5539 in top 150mm of cap	clay. tr. silt	1271	17.9	16.4	1772	71.7 *
442	30-Jun-06	5m N & 2m W of 5395 in top 150mm of cap	clay. tr. silt	1265	18.1	16.4	1772	71.4 *
443	30-Jun-06	7m S & 2m W of 5394 in top 150mm of cap	clay. tr. silt	1293	17.6	16.4	1772	73.0

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10501 East Bellow Tr.
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Project: Materials Testing
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Project Number: M06-04-3666
Report Number: 1
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Field Method: ASTMD2922
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
444	03-Jul-06	20m N & 10m W of 7204 on bottom 150mm of cap	clay. tr. silt	1279	17.5	16.4	1772	72.2
445	03-Jul-06	10m W of 7201 in bottom 150mm of cap	clay. tr. silt	1278	18.1	16.4	1772	72.1
446	03-Jul-06	10m N & 8m W of 7202 in bottom 150mm of cap	clay. tr. silt	1267	17.4	16.4	1772	71.5 *
447	03-Jul-06	10m S & 10m W of 75202 in bottom 150mm of cap	clay. tr. silt	1264	17.8	16.4	1772	71.3 *
448	03-Jul-06	2m S & 25m W of 7213 in top 150mm of cap	clay. tr. silt	1289	17.7	16.4	1772	72.7
449	03-Jul-06	10m W of 7212 in top 150mm of cap	clay. tr. silt	1268	17.7	16.4	1772	71.6 *
450	03-Jul-06	10m W of 7211 in top 150mm of cap	clay. tr. silt	1252	18.5	16.4	1772	70.7 **
451	03-Jul-06	20m N of 7203 in top 150mm of cap	clay. tr. silt	1260	18.8	16.4	1772	71.1 **
452	03-Jul-06	10m N & 15m W of 7203 in top 150mm of cap	clay. tr. silt	1244	18.4	16.4	1772	70.2 *
453	03-Jul-06	10m W of 7213 in bottom 150mm of cap	clay. tr. silt	1281	17.8	16.4	1772	72.3
454	03-Jul-06	10m N & 10m W of 7212 in bottom 150mm of cap	clay. tr. silt	1266	18.2	16.4	1772	71.4 *

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My Company Name

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To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
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Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
455	03-Jul-06	10m S & 5m W of 7212 in bottom 150mm of cap	clay. tr. silt	1286	17.9	16.4	1772	72.6
456	03-Jul-06	5m W of 7211 in bottom 150mm of cap	clay. tr. silt	1264	18.4	16.4	1772	71.3 *
457	03-Jul-06	7m N & 2m E of 7203 in bottom 150mm of cap	clay. tr. silt	1251	18.5	16.4	1772	70.6 **
458	04-Jul-06	15m E of 7211 in top 150mm of cap	clay. tr. silt	1228	19.0	16.4	1772	69.3 **
459	04-Jul-06	20m S of 7238 in top 150mm of cap	clay. tr. silt	1242	18.5	16.4	1772	70.1 **
460	04-Jul-06	15m N & 5m E of 7210 in top 150mm of cap	clay. tr. silt	1270	17.9	16.4	1772	71.7 *
461	04-Jul-06	15m W of 7210 in top 150mm of cap	clay. tr. silt	1233	18.8	16.4	1772	69.6 **
462	04-Jul-06	10m S & 3m W of 7214 in bottom 150mm of cap	clay. tr. silt	1254	18.1	16.4	1772	70.8 *
463	04-Jul-06	15m S & 7m E of 7213 in bottom 150mm of cap	clay. tr. silt	1253	18.2	16.4	1772	70.7 *
464	04-Jul-06	12m N & 7m E of 7238 in bottom 150mm of cap	clay. tr. silt	1275	17.5	16.4	1772	72.0
465	04-Jul-06	13m S & 5m E of 7236 in bottom 150mm of cap	clay. tr. silt	1290	17.4	16.4	1772	72.8

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To: HazPro Env Services
10501 East Bellow Tr.
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Project: Materials Testing
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Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
466	04-Jul-06	7m N of 7237 in bottom 150mm of cap	clay. tr. silt	1264	18.0	16.4	1772	71.3 *
467	04-Jul-06	12m S & 5m W of 7237 in bottom 150mm of cap	clay. tr. silt	1285	17.4	16.4	1772	72.5
468	04-Jul-06	15m N & 5m W of 13495 in top 150mm of cap	clay. tr. silt, sand	1350	16.0	13.8	1846	73.1 *
469	04-Jul-06	5m S & 5m W of 13495 in top 150mm of cap	clay. tr. silt, sand	1388	15.1	13.8	1846	75.2
470	04-Jul-06	2m N & 2m W of 13498 in top 150mm of cap	clay. tr. silt, sand	1367	15.8	13.8	1846	74.1
471	04-Jul-06	5m E of 13501 in top 150mm of cap	clay. tr. silt, sand	1340	16.2	13.8	1846	72.6 *
472	04-Jul-06	10m N & 10m E of 13495 in bottom 150mm of cap	clay. tr. silt, sand	1405	14.8	13.8	1846	76.1
473	04-Jul-06	5m S & 8m E of 13495 in bottom 150mm of cap	clay. tr. silt, sand	1363	15.5	13.8	1846	73.8
474	04-Jul-06	5m N & 10m E of 13498 in bottom 150mm of cap	clay. tr. silt, sand	1390	15.1	13.8	1846	75.3
475	04-Jul-06	10m S & 10m E of 13498 in bottom 150mm of cap	clay. tr. silt, sand	1377	14.8	13.8	1846	74.6
476	04-Jul-06	12m E of 13501 in bottom 150mm of cap	clay. tr. silt, sand	1381	15.3	13.8	1846	74.8

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My Address

To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Field Densities

Project Number:	M06-04-3666
Report Number:	1
Report Date:	04-Aug-06
Tested By:	EGT/CL
Field Method:	ASTMD2922
Lab Method:	ASTMD698
% Compaction Required:	72
% Moisture Tolerance:	2
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
477	04-Jul-06	7m N of 7220 in bottom 150mm of cap	clay. tr. silt, sand	1378	15.2	13.8	1846	74.6
478	05-Jul-06	20m N &10m W of 13496 in top 150mm of cap	clay. tr. silt, sand	1384	15.1	13.8	1846	75.0
479	05-Jul-06	5m W of 13496 in top 150mm of cap	clay. tr. silt, sand	1403	14.8	13.8	1846	76.0
480	05-Jul-06	10m N & 3m W of 13497 in top 150mm of cap	clay. tr. silt, sand	1385	15.2	13.8	1846	75.0
481	05-Jul-06	7m S & 3m W of 13497 in top 150mm of cap	clay. tr. silt, sand	1357	15.7	13.8	1846	73.5
482	05-Jul-06	5m N of 13502 in top 150mm of cap	clay. tr. silt, sand	1395	14.9	13.8	1846	75.6
483	05-Jul-06	7m S & 10m W of 13502 in top 150mm of cap	clay. tr. silt, sand	1384	14.5	13.8	1846	75.0
484	05-Jul-06	5m N & 7m W of 3022 in bottom 150mm of cap	clay. tr. silt, sand	1344	16.0	13.8	1846	72.8 *
485	05-Jul-06	5m N & 7m E of 13496 in bottom 150mm of cap	clay. tr. silt, sand	1365	15.6	13.8	1846	73.9
486	05-Jul-06	10m S & 10m E of 13496 in bottom 150mm of cap	clay. tr. silt, sand	1393	14.9	13.8	1846	75.5
487	05-Jul-06	10m N & 10m E of 13497 in bottom 150mm of cap	clay. tr. silt, sand	1383	15.2	13.8	1846	74.9

Continued ...

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% Compaction Required: 72
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
488	05-Jul-06	5m S & 10m E of 13497 in bottom 150mm of cap	clay. tr. silt, sand	1399	14.8	13.8	1846	75.8
489	05-Jul-06	12m N & 8m E of 13502 in bottom 150mm of cap	clay. tr. silt, sand	1370	15.4	13.8	1846	74.2
490	05-Jul-06	5m S of 2562 in top 150mm of cap	clay. tr. silt, sand	1404	14.9	13.8	1846	76.1
491	05-Jul-06	20m S of 2562 in top 150mm of cap	clay. tr. silt, sand	1332	16.7	13.8	1846	72.2 *
492	05-Jul-06	10m S & 18m E of 13496 in top 150mm of cap	clay. tr. silt, sand	1384	15.1	13.8	1846	75.0
493	05-Jul-06	12m W of 7190 in top 150mm of cap	clay. tr. silt, sand	1414	14.8	13.8	1846	76.6
494	05-Jul-06	15m S & 12m W of 7190 in top 150mm of cap	clay. tr. silt, sand	1395	14.9	13.8	1846	75.6
495	05-Jul-06	10m W of 7241 in top 150mm of cap	clay. tr. silt, sand	1378	15.5	13.8	1846	74.6
496	05-Jul-06	8m S & 10m E of 13502 in top 150mm of cap	clay. tr. silt, sand	1359	16.0	13.8	1846	73.6 *
497	05-Jul-06	12m ?S & 2m W of 7241 in bottom 150mm of cap	clay. tr. silt, sand	1399	15.0	13.8	1846	75.8
498	05-Jul-06	2m W of 7241 in bottom 150mm of cap	clay. tr. silt, sand	1365	15.6	13.8	1846	73.9
499	05-Jul-06	5m S & 5m W of 7190 in bottom 150mm of cap	clay. tr. silt, sand	1384	15.3	13.8	1846	75.0

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Field Method: ASTMD2922
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% Compaction Required: 72
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
500	05-Jul-06	10m N & 2m W of 7190in bottom 150mm of cap	clay. tr. silt, sand	1365	15.8	13.8	1846	73.9
501	05-Jul-06	12m W of 7177 in bottom 150mm of cap	clay. tr. silt, sand	1373	15.5	13.8	1846	74.4
502	05-Jul-06	15m W of 13513 in bottom 150mm of cap	clay. tr. silt, sand	1349	16.0	13.8	1846	73.1 *
503	06-Jul-06	7m E of 7220 in top 150mm of cap	clay. tr. silt, sand	1345	16.1	13.8	1846	72.9 *
504	06-Jul-06	10m S & 5m E of 7220 in top 150mm of cap	clay. tr. silt, sand	1366	15.7	13.8	1846	74.0
505	06-Jul-06	5m S & 3m E of 7219 in top 150mm of cap	clay. tr. silt, sand	1364	15.8	13.8	1846	73.9
506	06-Jul-06	20m S & 5m E of 7219 in top 150mm of cap	clay. tr. silt, sand	1393	14.9	13.8	1846	75.5
507	06-Jul-06	10m N & 5m E of 7217 in top 150mm of cap	clay. tr. silt, sand	1370	15.3	13.8	1846	74.2
508	06-Jul-06	5m S & 7m E of 7217 in top 150mm of cap	clay. tr. silt, sand	1358	15.7	13.8	1846	73.6
509	06-Jul-06	5m S & 2m E of 7214 in bottom 150mm of cap	clay. tr. silt, sand	1384	15.0	13.8	1846	75.0
510	06-Jul-06	10m N & 5m E of 7214 in bottom 150mm of cap	clay. tr. silt, sand	1335	16.4	13.8	1846	72.3 *

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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
511	06-Jul-06	10m S & 7m E of 7215 in bottom 150mm of cap	clay. tr. silt, sand	1354	15.8	13.8	1846	73.3
512	06-Jul-06	5m N & 8m E of 7215 in bottom 150mm of cap	clay. tr. silt, sand	1405	14.9	13.8	1846	76.1
513	06-Jul-06	12m S & 10m E of 7216 in bottom 150mm of cap	clay. tr. silt, sand	1375	15.1	13.8	1846	74.5
514	06-Jul-06	10m E of 7216 in bottom 150mm of cap	clay. tr. silt, sand	1360	15.5	13.8	1846	73.7
515	06-Jul-06	15m N & 10m E of 7216 in bottom 150mm of cap	clay. tr. silt, sand	1396	14.8	13.8	1846	75.6
516	06-Jul-06	10m W of 7221 in top 150mm of cap	clay. tr. silt, sand	1382	15.3	13.8	1846	74.9
517	06-Jul-06	15m S & 12m W of 7221 in top 150mm of cap	clay. tr. silt, sand	1369	15.7	13.8	1846	74.2
518	06-Jul-06	15m W of 7222 in top 150mm of cap	clay. tr. silt, sand	1401	14.8	13.8	1846	75.9
519	06-Jul-06	15m S & 7m W of 7222 in top 150mm of cap	clay. tr. silt, sand	1393	14.9	13.8	1846	75.5
520	06-Jul-06	2m S & 15m W of 7223 in top 150mm of cap	clay. tr. silt, sand	1347	16.2	13.8	1846	73.0 *
521	06-Jul-06	15m S & 12m W of 7223 in top 150mm of cap	clay. tr. silt, sand	1356	15.8	13.8	1846	73.5

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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
522	06-Jul-06	15m W of 7224 in top 150mm of cap	clay. tr. silt, sand	1381	15.2	13.8	1846	74.8
523	06-Jul-06	15m S & 12m W of 7224 in top 150mm of cap	clay. tr. silt, sand	1381	15.3	13.8	1846	74.8
524	06-Jul-06	5m S & 25m W of 7225 in top 150mm of cap	clay. tr. silt, sand	1352	15.9	13.8	1846	73.2 *
525	06-Jul-06	20m S & 25m W of 7225 in top 150mm of cap	clay. tr. silt, sand	1365	15.5	13.8	1846	73.9
526	06-Jul-06	12m E of 7215 in top 150mm of cap	clay. tr. silt, sand	1354	15.6	13.8	1846	73.3
527	06-Jul-06	12m N & 7m E of 7214 in top 150mm of cap	clay. tr. silt, sand	1411	15.0	13.8	1846	76.4
528	06-Jul-06	10m E of 7214 in bottom 150mm of cap	clay. tr. silt, sand	1377	15.0	13.8	1846	74.6
529	06-Jul-06	15m S & 12m E of 7214 in bottom 150mm of cap	clay. tr. silt, sand	1378	15.2	13.8	1846	74.6
530	06-Jul-06	2m N & 12m E of 7213 in bottom 150mm of cap	clay. tr. silt, sand	1382	15.3	13.8	1846	74.9
531	06-Jul-06	5m N of 5093 in bottom 150mm of cap	clay. tr. silt, sand	1397	15.2	13.8	1846	75.7
532	06-Jul-06	2m S of 7221 in bottom 150mm of cap	clay. tr. silt, sand	1351	15.9	13.8	1846	73.2 *

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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
533	07-Jul-06	3m S & 8m W of 7225 in top 150mm of cap	clay. tr. silt, sand	1372	15.3	13.8	1846	74.3
534	07-Jul-06	12m N & 10m W of 7225 in top 150mm of cap	clay. tr. silt, sand	1395	14.9	13.8	1846	75.6
535	07-Jul-06	5m S & 3m W of 7224 in top 150mm of cap	clay. tr. silt, sand	1389	15.0	13.8	1846	75.2
536	07-Jul-06	10m N & 2m W of 7224 in top 150mm of cap	clay. tr. silt, sand	1356	15.7	13.8	1846	73.5
537	07-Jul-06	5m S & 5m E of 7223 in top 150mm of cap	clay. tr. silt, sand	1342	16.1	13.8	1846	72.7 *
538	07-Jul-06	10m N & 5m E of 7223 in top 150mm of cap	clay. tr. silt, sand	1400	15.0	13.8	1846	75.8
539	07-Jul-06	3m S & 3m E of 7222 in top 150mm of cap	clay. tr. silt, sand	1375	15.4	13.8	1846	74.5
540	07-Jul-06	5m S of 7221 in top 150mm of cap	clay. tr. silt, sand	1381	15.3	13.8	1846	74.8
541	11-Jul-06	2m W of 7242 in bottom 150mm of cap	clay. tr. silt, sand	1387	15.1	13.8	1846	75.1
542	11-Jul-06	3m N & 2m W of 7243 in bottom 150mm of cap	clay. tr. silt, sand	1365	15.6	13.8	1846	73.9
543	11-Jul-06	12m S & 3m W of 7243 in bottom 150mm of cap	clay. tr. silt, sand	1340	16.2	13.8	1846	72.6 *

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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
544	11-Jul-06	3m W of 7244 in bottom 150mm of cap	clay. tr. silt, sand	1362	15.9	13.8	1846	73.8 *
545	11-Jul-06	15m S & 3m W of 7244 in bottom 150mm of cap	clay. tr. silt, sand	1404	14.9	13.8	1846	76.1
546	11-Jul-06	10m W of 7245 in bottom 150mm of cap	clay. tr. silt, sand	1401	15.1	13.8	1846	75.9
547	11-Jul-06	10m N of 7225 in bottom 150mm of cap	clay. tr. silt, sand	1388	15.2	13.8	1846	75.2
548	11-Jul-06	5m W of 7225 in bottom 150mm of cap	clay. tr. silt, sand	1367	15.8	13.8	1846	74.1
549	11-Jul-06	15m S & 3m W of 7225 in top 150mm of cap	clay. tr. silt, sand	1388	15.1	13.8	1846	75.2
550	11-Jul-06	3m N & 8m W of 7226 in top 150mm of cap	clay. tr. silt, sand	1377	15.3	13.8	1846	74.6
551	11-Jul-06	12m S & 10m W of 7226 in top 150mm of cap	clay. tr. silt, sand	1410	14.9	13.8	1846	76.4
552	11-Jul-06	13m W of 7227 in top 150mm of cap	clay. tr. silt, sand	1335	16.7	13.8	1846	72.3 *
553	11-Jul-06	5m N & 12m W of 7228 in top 150mm of cap	clay. tr. silt, sand	1378	15.5	13.8	1846	74.6
554	11-Jul-06	10m S & 12m W of 7228 in top 150mm of cap	clay. tr. silt, sand	1369	15.7	13.8	1846	74.2

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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
555	11-Jul-06	15m S of 7228 in bottom 150mm of cap	clay. tr. silt, sand	1340	16.2	13.8	1846	72.6 *
556	11-Jul-06	2m W of 7228 in bottom 150mm of cap	clay. tr. silt, sand	1374	15.7	13.8	1846	74.4
557	11-Jul-06	7m S & 2m W of 7227 in bottom 150mm of cap	clay. tr. silt, sand	1365	16.3	13.8	1846	73.9 *
558	11-Jul-06	8m N & 3m W of 7227 in bottom 150mm of cap	clay. tr. silt, sand	1383	15.0	13.8	1846	74.9
559	11-Jul-06	2m W of 7226 in bottom 150mm of cap	clay. tr. silt, sand	1379	15.3	13.8	1846	74.7
560	11-Jul-06	15m N of 7226 in bottom 150mm of cap	clay. tr. silt, sand	1358	15.8	13.8	1846	73.6
561	11-Jul-06	5m E of 7225 in bottom 150mm of cap	clay. tr. silt, sand	1380	14.9	13.8	1846	74.8
562	11-Jul-06	15m N & 7M e OF 7225 IN BOTTOM 150MM OF CAP	clay. tr. silt, sand	1379	15.2	13.8	1846	74.7
563	11-Jul-06	5m E of 7226 in top 150mm of cap	clay. tr. silt, sand	1381	15.4	13.8	1846	74.8
564	11-Jul-06	15m N & 6m E of 7226 in top 150mm of cap	clay. tr. silt, sand	1366	15.7	13.8	1846	74.0
565	11-Jul-06	2m N & 10m E of 7225 in top 150mm of cap	clay. tr. silt, sand	1379	15.2	13.8	1846	74.7

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566	11-Jul-06	17m N & 10m E of 7225 in top 150mm of cap	clay. tr. silt, sand	1339	16.3	13.8	1846	72.5 *
567	12-Jul-06	2m S & 12m W of 7246 in bottom 150mm of cap	clay. tr. silt, sand	1381	15.3	13.8	1846	74.8
568	12-Jul-06	12m W of 7247 in bottom 150mm of cap	clay. tr. silt, sand	1411	14.9	13.8	1846	76.4
569	12-Jul-06	2m N & 20m W of 7248 in bottom 150mm of cap	clay. tr. silt, sand	1355	16.1	13.8	1846	73.4 *
570	12-Jul-06	5m S & 10m E of 7227 in bottom 150mm of cap	clay. tr. silt, sand	1339	16.4	13.8	1846	72.5 *
571	12-Jul-06	7m S & 15m E of 7227 in top 150mm of cap	clay. tr. silt, sand	1388	14.8	13.8	1846	75.2
572	12-Jul-06	8m N & 12m E of 7228 in top 150mm of cap	clay. tr. silt, sand	1384	15.2	13.8	1846	75.0
573	12-Jul-06	12m W of 7248 in top 150mm of cap	clay. tr. silt, sand	1380	14.9	13.8	1846	74.8
574	12-Jul-06	5m S & 7m W of 7247 in top 150mm of cap	clay. tr. silt, sand	1374	15.6	13.8	1846	74.4
575	12-Jul-06	10m N & 7m W of 7247 in top 150mm of cap	clay. tr. silt, sand	1377	15.5	13.8	1846	74.6
576	12-Jul-06	7m S & 3m W of 7246 in top 150mm of cap	clay. tr. silt, sand	1379	15.2	13.8	1846	74.7

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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
577	13-Jul-06	2m W of 7245 in bottom 150mm of cap	clay. tr. silt, sand	1404	15.0	13.8	1846	76.1
578	13-Jul-06	15m S of 7245 on bottom 150mm of cap	clay. tr. silt, sand	1386	15.2	13.8	1846	75.1
579	13-Jul-06	2m S of 7246 in bottom 150mm of cap	clay. tr. silt, sand	1381	15.4	13.8	1846	74.8
580	13-Jul-06	15m S of 7246 in bottom 150mm of cap	clay. tr. silt, sand	1375	14.8	13.8	1846	74.5
581	13-Jul-06	2m N & 2m W of 7247 in bottom 150mm of cap	clay. tr. silt, sand	1350	16.0	13.8	1846	73.1 *
582	13-Jul-06	5m N & 10m W of 7246 in bottom 150mm of cap	clay. tr. silt, sand	1362	15.7	13.8	1846	73.8
583	13-Jul-06	10m S & 12m W of 7248 in bottom 150mm of cap	clay. tr. silt, sand	1383	15.0	13.8	1846	74.9
584	13-Jul-06	2m N & 10m W of 7249 in bottom 150mm of cap	clay. tr. silt, sand	1379	15.5	13.8	1846	74.7
585	13-Jul-06	12m S & 12m W of 7249 in top 150mm of cap	clay. tr. silt, sand	1399	14.8	13.8	1846	75.8
586	13-Jul-06	7m N & 8m E of 7229 in top 150mm of cap	clay. tr. silt, sand	1388	15.1	13.8	1846	75.2
587	13-Jul-06	3m S of 7229 in top 150mm of cap	clay. tr. silt, sand	1366	15.2	13.8	1846	74.0

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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
588	13-Jul-06	18m S of 7229 in top 150mm of cap	clay. tr. silt, sand	1371	15.7	13.8	1846	74.3
589	13-Jul-06	8m E of 2730 in top 150mm of cap	clay. tr. silt, sand	1369	15.2	13.8	1846	74.2
590	13-Jul-06	15m S & 2m E of 2730 in top 150mm of cap	clay. tr. silt, sand	1349	16.0	13.8	1846	73.1 *
591	13-Jul-06	5m N of 7231 in top 150mm of cap	clay. tr. silt, sand	1349	15.8	13.8	1846	73.1
592	13-Jul-06	15m W of 7231 in top 150mm of cap	clay. tr. silt, sand	1401	14.9	13.8	1846	75.9
593	13-Jul-06	5m N & 3m W of 13513 in bottom 150mm of cap	clay. tr. silt, sand	1369	15.2	13.8	1846	74.2
594	13-Jul-06	10m S & 2m E of 13513 in bottom 150mm of cap	clay. tr. silt, sand	1391	15.0	13.8	1846	75.4
595	13-Jul-06	5m N & 3m W of 7177 in bottom 150mm of cap	clay. tr. silt, sand	1344	16.0	13.8	1846	72.8 *
596	13-Jul-06	5m E of 7245 in bottom 150mm of cap	clay. tr. silt, sand	1356	15.7	13.8	1846	73.5
597	14-Jul-06	10m N & 3m E of 7244 in top 150mm of cap	clay. tr. silt, sand	1344	16.0	13.8	1846	72.8 *
598	14-Jul-06	2m E of 7243 in top 150mm of cap	clay. tr. silt, sand	1352	15.8	13.8	1846	73.2
599	14-Jul-06	12m N & 3m E of 7243 in top 150mm of cap	clay. tr. silt, sand	1378	15.4	13.8	1846	74.6

Continued ...

My Company Name

My Address

Field Densities

To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
600	14-Jul-06	3m E of 7242 in top 150mm of cap	clay. tr. silt, sand	1371	15.5	13.8	1846	74.3
601	14-Jul-06	12m N & 5m E of 7242 in top 150mm of cap	clay. tr. silt, sand	1384	15.3	13.8	1846	75.0
602	14-Jul-06	15m W of 7274 in top 150mm of cap	clay. tr. silt, sand	1383	15.0	13.8	1846	74.9
603	14-Jul-06	5m S & 20m W of 7191 in top 150mm of cap	clay. tr. silt, sand	1342	16.3	13.8	1846	72.7 *
604	14-Jul-06	7m N & 10m E of 13512 in bottom 150mm of cap	clay. tr. silt, sand	1411	14.9	13.8	1846	76.4
605	14-Jul-06	8m S & 12m E of 13512 inbottom 150mm of cap	clay. tr. silt, sand	1362	15.6	13.8	1846	73.8
606	14-Jul-06	2m N & 12m E of 13513 in bottom 150mm of cap	clay. tr. silt, sand	1379	15.2	13.8	1846	74.7
607	14-Jul-06	10m S & 12m E of 13513 in bottom 150mm of cap	clay. tr. silt, sand	1367	15.5	13.8	1846	74.1
608	14-Jul-06	8m N & 15m W of 13514 in top 150mm of cap	clay. tr. silt, sand	1393	15.0	13.8	1846	75.5
609	14-Jul-06	7m S & 15m W of 13514 in top 150mm of cap	clay. tr. silt, sand	1401	14.9	13.8	1846	75.9
610	14-Jul-06	5m N & 20m W of 7178 in top 150mm of cap	clay. tr. silt, sand	1381	15.3	13.8	1846	74.8

Continued ...

My Company Name

My Address

Field Densities

To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
611	14-Jul-06	10m S & 20m W of 7178 in top 150mm of cap	clay. tr. silt, sand	1381	15.2	13.8	1846	74.8
612	14-Jul-06	8m N & 12m W of 7191 in top 150mm of cap	clay. tr. silt, sand	1427	14.8	13.8	1846	77.3
613	14-Jul-06	7m S & 10m W of 7191 in top 150mm of cap	clay. tr. silt, sand	1386	15.1	13.8	1846	75.1
614	14-Jul-06	10m N & 7m W of 7274 in top 150mm of cap	clay. tr. silt, sand	1356	15.8	13.8	1846	73.5
615	14-Jul-06	5m S & 8m W of 7274 in top 150mm of cap	clay. tr. silt, sand	1367	15.6	13.8	1846	74.1
616	14-Jul-06	10m N & 12m E of 7242 in bottom 150mm of cap	clay. tr. silt, sand	1379	15.3	13.8	1846	74.7
617	14-Jul-06	10m S & 5m E of 7274 in bottom 150mm of cap	clay. tr. silt, sand	1352	15.8	13.8	1846	73.2
618	14-Jul-06	5m N & 5m E of 7274 in bottom 150mm of cap	clay. tr. silt, sand	1363	15.6	13.8	1846	73.8
619	14-Jul-06	5m S & 2m W of 7191 in bottom 150mm of cap	clay. tr. silt, sand	1377	15.3	13.8	1846	74.6
620	14-Jul-06	10m N & 2m E of 7191 in bottom 150mm of cap	clay. tr. silt, sand	1373	15.4	13.8	1846	74.4
621	14-Jul-06	12m S & 2m W of 7178 in bottom 150mm of cap	clay. tr. silt, sand	1328	16.8	13.8	1846	71.9 **

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My Company Name

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Field Densities

To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
622	14-Jul-06	3m N & 2m W of 7178 in bottom 150mm of cap	clay. tr. silt, sand	1344	16.2	13.8	1846	72.8 *
623	14-Jul-06	10m S & 10m W of 13514 in bottom 150mm of cap	clay. tr. silt, sand	1368	15.7	13.8	1846	74.1
624	14-Jul-06	5m N & 10m W of 13514 in bottom 150mm of cap	clay. tr. silt, sand	1376	15.5	13.8	1846	74.5
625	15-Jul-06	12m E of 7274 intop 150mm of cap	clay. tr. silt, sand	1393	14.9	13.8	1846	75.5
626	15-Jul-06	12m N & 13m E of 7274 in top 150mm of cap	clay. tr. silt, sand	1410	14.8	13.8	1846	76.4
627	15-Jul-06	2m N & 12m E of 7191 in top 150mm of cap	clay. tr. silt, sand	1375	15.4	13.8	1846	74.5
628	15-Jul-06	10m S & 18m E of 7178 in top 150mm of cap	clay. tr. silt, sand	1379	15.4	13.8	1846	74.7
629	15-Jul-06	5m N & 20m E of 7178 in top 150mm of cap	clay. tr. silt, sand	1343	16.3	13.8	1846	72.8 *
630	15-Jul-06	10m S & 2m E of 13514 in top 150mm of cap	clay. tr. silt, sand	1354	15.9	13.8	1846	73.3 *
631	15-Jul-06	2m N & 2m E of 13514 in top 150mm of cap	clay. tr. silt, sand	1383	15.4	13.8	1846	74.9
632	15-Jul-06	12m N & 30m E of 13515 in bottom 150mm of cap	clay. tr. silt, sand	1389	14.8	13.8	1846	75.2

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My Company Name

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Field Densities

To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
633	15-Jul-06	30m E of 13515 in bottom 150mm of cap	clay. tr. silt, sand	1382	15.1	13.8	1846	74.9
634	15-Jul-06	12m N & 20m E of 7178 in bottom 150mm of cap	clay. tr. silt, sand	1370	15.3	13.8	1846	74.2
635	15-Jul-06	20m E of 7178 in bottom 150mm of cap	clay. tr. silt, sand	1396	15.0	13.8	1846	75.6
636	15-Jul-06	7m N & 10m W of 10274 in bottom 150mm of cap	clay. tr. silt, sand	1391	14.9	13.8	1846	75.4
637	15-Jul-06	8m S & 12m W of 10274 in bottom 150mm of cap	clay. tr. silt, sand	1365	15.6	13.8	1846	73.9
638	15-Jul-06	15m S & 20m E of 7274 in top 150mm of cap	clay. tr. silt, sand	1392	14.8	13.8	1846	75.4
639	15-Jul-06	20m E of 7274 in top 150mm of cap	clay. tr. silt, sand	1370	15.4	13.8	1846	74.2
640	15-Jul-06	5m W of 10275 in top 150mm of cap	clay. tr. silt, sand	1397	15.1	13.8	1846	75.7
641	15-Jul-06	13m N & 3m W of 10275 in top 150mm of cap	clay. tr. silt, sand	1381	15.4	13.8	1846	74.8
642	15-Jul-06	3m S & 7m W of 10274 in top 150mm of cap	clay. tr. silt, sand	1337	16.4	13.8	1846	72.4 *
643	15-Jul-06	7m S & 10m W of 7179 in top 150mm of cap	clay. tr. silt, sand	1359	15.9	13.8	1846	73.6 *

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My Company Name

My Address

Field Densities

To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
644	15-Jul-06	8m N & 10m W of 7179 in top 150mm of cap	clay. tr. silt, sand	1340	16.2	13.8	1846	72.6 *
645	15-Jul-06	5m S & 12m W of 13515 in top 150mm of cap	clay. tr. silt, sand	1412	14.8	13.8	1846	76.5
646	15-Jul-06	10m N & 13m W of 13515 in top 150mm of cap	clay. tr. silt, sand	1392	15.1	13.8	1846	75.4
647	15-Jul-06	12m N & 5m W of 13515 in bottom 150mm of cap	clay. tr. silt, sand	1390	15.0	13.8	1846	75.3
648	15-Jul-06	2m S & 3m W of 13515 in bottom 150mm of cap	clay. tr. silt, sand	1376	15.3	13.8	1846	74.5
649	15-Jul-06	10m N & 5m W of 7179 in bottom 150mm of cap	clay. tr. silt, sand	1339	16.4	13.8	1846	72.5 *
650	15-Jul-06	5m S & 1m W of 7179 in bottom 150mm of cap	clay. tr. silt, sand	1347	16.2	13.8	1846	73.0 *
651	15-Jul-06	3m W of 10274 in bottom 150mm of cap	clay. tr. silt, sand	1369	15.8	13.8	1846	74.2
652	15-Jul-06	12m S & 2m W of 10274 in bottom 150mm of cap	clay. tr. silt, sand	1359	15.5	13.8	1846	73.6
653	15-Jul-06	2m W of 10275 in bottom 150mm of cap	clay. tr. silt, sand	1374	15.6	13.8	1846	74.4
654	15-Jul-06	12m S of 10275 in bottom 150mm of cap	clay. tr. silt, sand	1386	15.3	13.8	1846	75.1

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My Company Name

My Address

Field Densities

To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
655	15-Jul-06	7m W of 7273 in top 150mm of cap	clay. tr. silt, sand	1401	15.1	13.8	1846	75.9
656	15-Jul-06	12m S & 12m W of 7273 intop 150mm of cap	clay. tr. silt, sand	1358	15.8	13.8	1846	73.6
657	15-Jul-06	20m W of 7272 in top 150mm of cap	clay. tr. silt, sand	1405	14.9	13.8	1846	76.1
658	15-Jul-06	10m N & 12m E of 7244 in top 150mm of cap	clay. tr. silt, sand	1385	15.2	13.8	1846	75.0
659	15-Jul-06	2m S & 12m E of 7244 in top 150mm of cap	clay. tr. silt, sand	1377	15.3	13.8	1846	74.6
660	15-Jul-06	15m N & 5m E of 7245 in top 150mm of cap	clay. tr. silt, sand	1393	15.0	13.8	1846	75.5
661	15-Jul-06	5m E of 7245 in top 150mm of cap	clay. tr. silt, sand	1357	15.7	13.8	1846	73.5
662	15-Jul-06	12m W of 7272 in bottom 150mm of cap	clay. tr. silt, sand	1388	14.9	13.8	1846	75.2
663	15-Jul-06	12m S & 12m W of 7272 in bottom 150mm of cap	clay. tr. silt, sand	1354	15.7	13.8	1846	73.3
664	15-Jul-06	5m N & 20m W of 7271 in bottom 150mm of cap	clay. tr. silt, sand	1403	14.8	13.8	1846	76.0
665	16-Jul-06	10m S & 15m W of 7271 in bottom 150mm of cap	clay. tr. silt, sand	1393	15.0	13.8	1846	75.5

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My Company Name

My Address

To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Field Densities

Project Number:	M06-04-3666
Report Number:	1
Report Date:	04-Aug-06
Tested By:	EGT/CL
Field Method:	ASTMD2922
Lab Method:	ASTMD698
% Compaction Required:	72
% Moisture Tolerance:	2
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
666	16-Jul-06	10m N & 10m E of 7245 in bottom 150mm of cap	clay. tr. silt, sand	1381	15.3	13.8	1846	74.8
667	16-Jul-06	5m S & 7m E of 7245 in bottom 150mm of cap	clay. tr. silt, sand	1362	15.9	13.8	1846	73.8 *
668	16-Jul-06	10m E of 7246 in top 150mm of cap	clay. tr. silt, sand	1394	15.1	13.8	1846	75.5
669	16-Jul-06	12m N & 20m E of 7246 in top 150mm of cap	clay. tr. silt, sand	1343	16.3	13.8	1846	72.8 *
670	16-Jul-06	12m W of 7270 in top 150mm of cap	clay. tr. silt, sand	1375	15.3	13.8	1846	74.5
671	16-Jul-06	12m N & 7m W of 7270 in top 150mm of cap	clay. tr. silt, sand	1370	15.4	13.8	1846	74.2
672	16-Jul-06	7m S & 7m W of 7271 in top 150mm of cap	clay. tr. silt, sand	1369	15.6	13.8	1846	74.2
673	16-Jul-06	8m N & 7m W of 7271 in top 150mm of cap	clay. tr. silt, sand	1387	15.5	13.8	1846	75.1
674	16-Jul-06	7m S & 5m W of 7272 in top 150mm of cap	clay. tr. silt, sand	1366	15.9	13.8	1846	74.0 *
675	16-Jul-06	5m N of 7272 in bottom 150mm of cap	clay. tr. silt, sand	1393	15.4	13.8	1846	75.5
676	16-Jul-06	10m S & 2m E of 7272 in bottom 150mm of cap	clay. tr. silt, sand	1328	16.7	13.8	1846	71.9 **

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My Company Name

My Address

Field Densities

To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
677	16-Jul-06	2m N of 7271 in bottom 150mm of cap	clay. tr. silt, sand	1362	15.7	13.8	1846	73.8
678	16-Jul-06	12m S of 7271 in bottom 150mm of cap	clay. tr. silt, sand	1381	15.2	13.8	1846	74.8
679	16-Jul-06	3m W of 7270 in bottom 150mm of cap	clay. tr. silt, sand	1328	16.8	13.8	1846	71.9 **
680	16-Jul-06	13m S of 7270 in bottom 150mm of cap	clay. tr. silt, sand	1379	15.5	13.8	1846	74.7
681	17-Jul-06	13m S & 2m W of 7269 in top 150mm of cap	clay. tr. silt, sand	1363	15.4	13.8	1846	73.8
682	17-Jul-06	3m W of 7269 in top 150mm of cap	clay. tr. silt, sand	1349	15.9	13.8	1846	73.1 *
683	17-Jul-06	12m S & 2m E of 7270 in top 150mm of cap	clay. tr. silt, sand	1379	15.2	13.8	1846	74.7
684	17-Jul-06	3m N & 1m E of 7270 in top 150mm of cap	clay. tr. silt, sand	1387	15.5	13.8	1846	75.1
685	17-Jul-06	15m S & 7m E of 7271 in top 150mm of cap	clay. tr. silt, sand	1378	15.5	13.8	1846	74.6
686	17-Jul-06	7m E of 7271 in to 150mm of cap	clay. tr. silt, sand	1404	14.8	13.8	1846	76.1
687	17-Jul-06	15m E of 7272 in top 150mm of cap	clay. tr. silt, sand	1347	16.0	13.8	1846	73.0 *
688	17-Jul-06	7m E of 7269 in bottom 150mm of cap	clay. tr. silt, sand	1395	14.8	13.8	1846	75.6

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My Company Name

My Address

Field Densities

To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
689	17-Jul-06	15m N of 7269 in bottom 150mm of cap	clay. tr. silt, sand	1384	15.3	13.8	1846	75.0
690	17-Jul-06	10m S & 7m E of 7270 in bottom 150mm of cap	clay. tr. silt, sand	1389	15.3	13.8	1846	75.2
691	17-Jul-06	5m N & 5m E of 7270 in bottom 150mm of cap	clay. tr. silt, sand	1431	14.8	13.8	1846	77.5
692	17-Jul-06	10m S & 5m W of 10278 in bottom 150mm of cap	clay. tr. silt, sand	1362	15.8	13.8	1846	73.8
693	17-Jul-06	5m N & 5m W of 10278 in bottom 150mm of cap	clay. tr. silt, sand	1370	15.6	13.8	1846	74.2
694	17-Jul-06	5m W of 10277 in bottom 150mm of cap	clay. tr. silt, sand	1386	15.3	13.8	1846	75.1
695	17-Jul-06	12m N & 7m W of 10277 in bottom 150mm of cap	clay. tr. silt, sand	1346	16.1	13.8	1846	72.9 *
696	17-Jul-06	12m N of 7268 in top 150mm of cap	clay. tr. silt, sand	1371	15.4	13.8	1846	74.3
697	17-Jul-06	10m W of 10280 in top 150mm of cap	clay. tr. silt, sand	1379	14.8	13.8	1846	74.7
698	17-Jul-06	15m N & 10m W of 10280 in top 150mm of cap	clay. tr. silt, sand	1377	15.0	13.8	1846	74.6
699	17-Jul-06	3m N & 5m W of 10279 in top 150mm of cap	clay. tr. silt, sand	1394	15.0	13.8	1846	75.5

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My Company Name

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Field Densities

To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

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Project: Materials Testing
WESTCO - capping

Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
700	17-Jul-06	5m S of 10278 in top 150mm of cap	clay. tr. silt, sand	1381	15.4	13.8	1846	74.8
701	17-Jul-06	10m N & 2m E of 10278 in top 150mm of cap	clay. tr. silt, sand	1364	15.8	13.8	1846	73.9
702	17-Jul-06	2m E of 10277 in top 150mm of cap	clay. tr. silt, sand	1347	16.3	13.8	1846	73.0 *
703	17-Jul-06	15m S & 3m E of 10276 in top 150mm of cap	clay. tr. silt, sand	1342	16.1	13.8	1846	72.7 *
704	17-Jul-06	10m E of 10276 in bottom 150mm of cap	clay. tr. silt, sand	1402	14.9	13.8	1846	75.9
705	17-Jul-06	12m S & 10m E of 10276 in bottom 150mm of cap	clay. tr. silt, sand	1388	15.2	13.8	1846	75.2
706	17-Jul-06	2m N & 10m E of 10277 in bottom 150mm of cap	clay. tr. silt, sand	1379	15.5	13.8	1846	74.7
707	17-Jul-06	13m S & 10m E of 10277 in bottom 150mm of cap	clay. tr. silt, sand	1375	15.4	13.8	1846	74.5
708	17-Jul-06	7m E of 10278 in bottom 150mm of cap	clay. tr. silt, sand	1350	16.0	13.8	1846	73.1 *
709	17-Jul-06	5m N of 10279 in bottom 150mm of cap	clay. tr. silt, sand	1349	15.9	13.8	1846	73.1 *
710	17-Jul-06	10m N & 2m W of 10280 in bottom 150mm of cap	clay. tr. silt, sand	1388	15.2	13.8	1846	75.2

Continued ...

My Company Name

My Address

To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Field Densities

Project Number:	M06-04-3666
Report Number:	1
Report Date:	04-Aug-06
Tested By:	EGT/CL
Field Method:	ASTMD2922
Lab Method:	ASTMD698
% Compaction Required:	72
% Moisture Tolerance:	2
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
711	18-Jul-06	10m S of 10280 in top 150mm of cap	clay. tr. silt, sand	1407	15.0	13.8	1846	76.2
712	18-Jul-06	7m N of 10281 in top 150mm of cap	clay. tr. silt, sand	1344	16.0	13.8	1846	72.8 *
713	18-Jul-06	12m W of 10281 in top 150mm of cap	clay. tr. silt, sand	1358	15.6	13.8	1846	73.6
714	18-Jul-06	2m N of 7268 in top 150mm of cap	clay. tr. silt, sand	1383	15.3	13.8	1846	74.9
715	18-Jul-06	12m W of 7268 in top 150mm of cap	clay. tr. silt, sand	1382	15.1	13.8	1846	74.9
716	18-Jul-06	5m S & 2m W of 10281 in bottom 150mm of cap	clay. tr. silt, sand	1374	15.1	13.8	1846	74.4
717	18-Jul-06	7m S & 12m W of 10281 in bottom 150mm of cap	clay. tr. silt, sand	1346	16.1	13.8	1846	72.9 *
718	18-Jul-06	7m N & 12m E of 7267 in bottom 150mm of cap	clay. tr. silt, sand	1356	15.8	13.8	1846	73.5
719	18-Jul-06	5m N of 7267 in bottom 150mm of cap	clay. tr. silt, sand	1381	15.3	13.8	1846	74.8
720	18-Jul-06	10m N & 15m W of 7267 in bottom 150mm of cap	clay. tr. silt, sand	1393	15.0	13.8	1846	75.5
721	18-Jul-06	3m W of 10282 in top 150mm of cap	clay. tr. silt, sand	1380	15.3	13.8	1846	74.8
722	18-Jul-06	15m W & 5m S of 10282 in top 150mm of cap	clay. tr. silt, sand	1361	15.7	13.8	1846	73.7

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My Company Name

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10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
723	18-Jul-06	3m S & 10m E of 7267 in top 150mm of cap	clay. tr. silt, sand	1396	15.1	13.8	1846	75.6
724	18-Jul-06	7m S of 7267 in top 150mm of cap	clay. tr. silt, sand	1353	15.9	13.8	1846	73.3 *
725	18-Jul-06	7m N & 7m E of 7248 in top 150mm of cap	clay. tr. silt, sand	1360	15.5	13.8	1846	73.7
726	18-Jul-06	5m N & 5m W of 7248 in to 150mm of cap	clay. tr. silt, sand	1412	14.9	13.8	1846	76.5
727	18-Jul-06	10m S of 7248 in bottom 150mm of cap	clay. tr. silt, sand	1374	15.5	13.8	1846	74.4
728	18-Jul-06	10m N & 7m W of 7266 in bottom 150mm of cap	clay. tr. silt, sand	1395	14.9	13.8	1846	75.6
729	18-Jul-06	10m N & 8m E of 7266 in bottom 150mm of cap	clay. tr. silt, sand	1418	15.1	13.8	1846	76.8
730	18-Jul-06	7m N & 7m W of 10283 in bottom 150mm of cap	clay. tr. silt, sand	1381	15.3	13.8	1846	74.8
731	20-Jul-06	10m W & 5m N of 7249 in top 150mm of cap	clay. tr. silt, sand	1376	15.4	13.8	1846	74.5
732	20-Jul-06	2m N & 5m E of 7249 in top 150mm of cap	clay. tr. silt, sand	1390	15.1	13.8	1846	75.3
733	20-Jul-06	7m W of 7266 in top 150mm of cap	clay. tr. silt, sand	1352	15.7	13.8	1846	73.2
734	20-Jul-06	8m E of 7266 in top 150mm of cap	clay. tr. silt, sand	1390	15.0	13.8	1846	75.3

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Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
735	20-Jul-06	15m W of 10283 in top 150mm of cap	clay. tr. silt, sand	1404	15.2	13.8	1846	76.1
736	20-Jul-06	2m S & 2m W of 10283 in top 150mm of cap	clay. tr. silt, sand	1382	15.3	13.8	1846	74.9
737	20-Jul-06	10m W & 7m S of 7249 in bottom 150mm of cap	clay. tr. silt, sand	1355	16.0	13.8	1846	73.4 *
738	20-Jul-06	8m S & 5m E of 7249 in bottom 150mm of cap	clay. tr. silt, sand	1358	15.8	13.8	1846	73.6
739	20-Jul-06	10m N & 8m W of 7265 in bottom 150mm of cap	clay. tr. silt, sand	1370	15.6	13.8	1846	74.2
740	20-Jul-06	10m N & 7m E of 7265 in bottom 150mm of cap	clay. tr. silt, sand	1399	14.9	13.8	1846	75.8
741	20-Jul-06	15m S & 15m W of 10283 in bottom 150mm of cap	clay. tr. silt, sand	1389	15.1	13.8	1846	75.2
742	20-Jul-06	15m S of 10283 in bottom 150mm of cap	clay. tr. silt, sand	1406	14.8	13.8	1846	76.2
743	20-Jul-06	5m N & 5m W of 7250 in top 150mm of cap	clay. tr. silt, sand	1368	15.6	13.8	1846	74.1
744	20-Jul-06	5m N & 10m E of 7250 in top 150mm of cap	clay. tr. silt, sand	1385	15.1	13.8	1846	75.0
745	20-Jul-06	5m N & 5m W of 7265 in top 150mm of cap	clay. tr. silt, sand	1386	15.2	13.8	1846	75.1

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10501 East Bellow Tr.
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Project: Materials Testing
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Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
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% Compaction Required: 72
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
746	20-Jul-06	5m N & 10m E of 7265 in top 150mm of cap	clay. tr. silt, sand	1349	16.1	13.8	1846	73.1 *
747	20-Jul-06	20m E of 7265 in top 150mm of cap	clay. tr. silt, sand	1363	15.3	13.8	1846	73.8
748	20-Jul-06	15m W of 10301 in top 150mm of cap	clay. tr. silt, sand	1383	15.3	13.8	1846	74.9
749	21-Jul-06	15m S & 5m W of 7250 in bottom 150mm of cap	clay. tr. silt, sand	1381	15.4	13.8	1846	74.8
750	21-Jul-06	3m N & 7m W of 10341 in bottom 150mm of cap	clay. tr. silt, sand	1394	15.2	13.8	1846	75.5
751	21-Jul-06	5m N & 8m E of 10341 inbottom 150mm of cap	clay. tr. silt, sand	1356	15.9	13.8	1846	73.5 *
752	21-Jul-06	20m W & 8m N of 10285 in bottom 150mm of cap	clay. tr. silt, sand	1379	15.3	13.8	1846	74.7
753	21-Jul-06	25m N of 10285 in bottom 150mm of cap	clay. tr. silt, sand	1358	15.8	13.8	1846	73.6
754	21-Jul-06	12m N & 10m W of 7251 in top 150mm of cap	clay. tr. silt, sand	1409	14.8	13.8	1846	76.3
755	21-Jul-06	7m N & 5m E of 7251 in top 150mm of cap	clay. tr. silt, sand	1375	15.4	13.8	1846	74.5
756	21-Jul-06	5m N & 8m W of 7264 in top 150mm of cap	clay. tr. silt, sand	1346	16.0	13.8	1846	72.9 *

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10501 East Bellow Tr.
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Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
757	21-Jul-06	5m N & 7m E of 7264 in top 150mm of cap	clay. tr. silt, sand	1367	15.6	13.8	1846	74.1
758	21-Jul-06	7m W of 10285 in top 150mm of cap	clay. tr. silt, sand	1383	15.3	13.8	1846	74.9
759	21-Jul-06	10m N of 1285 in top 150mm of cap	clay. tr. silt, sand	1385	15.1	13.8	1846	75.0
760	21-Jul-06	5m W of 7251 in top 150mm of cap	clay. tr. silt, sand	1379	15.3	13.8	1846	74.7
761	21-Jul-06	10m E & 3m S of 7251 in top 150mm of cap	clay. tr. silt, sand	1407	15.4	13.8	1846	76.2
762	21-Jul-06	15m N & 5m W of 7263 in top 150mm of cap	clay. tr. silt, sand	1352	15.9	13.8	1846	73.2 *
763	21-Jul-06	15m N & 10m E of 7263 in top 150mm of cap	clay. tr. silt, sand	1391	15.0	13.8	1846	75.4
764	21-Jul-06	10m S & 10m W of 10285 in top 150mm of cap	clay. tr. silt, sand	1361	15.6	13.8	1846	73.7
765	21-Jul-06	10m S & 3m E of 10285 in top 150mm of cap	clay. tr. silt, sand	1344	16.2	13.8	1846	72.8 *
766	24-Jul-06	15m S of 10285 in bottom 150mm of cap	clay. tr. silt, sand	1398	14.8	13.8	1846	75.7
767	24-Jul-06	5m N & 5m W of 10286 in bottom 150mm of cap	clay. tr. silt, sand	1390	15.0	13.8	1846	75.3
768	24-Jul-06	5m N & 10m E of 7263 in bottom 150mm of cap	clay. tr. silt, sand	1380	15.4	13.8	1846	74.8

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10501 East Bellow Tr.
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Jay Barker

Project: Materials Testing
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Field Densities

Project Number:	M06-04-3666
Report Number:	1
Report Date:	04-Aug-06
Tested By:	EGT/CL
Field Method:	ASTMD2922
Lab Method:	ASTMD698
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
769	24-Jul-06	2m N & 5m W of 7263 in bottom 150mm of cap	clay. tr. silt, sand	1377	15.3	13.8	1846	74.6
770	24-Jul-06	12m S & 10m E of 7251 in bottom 150mm of cap	clay. tr. silt, sand	1375	15.3	13.8	1846	74.5
771	24-Jul-06	15m S & 5m W of 7251 in bottom 150mm of cap	clay. tr. silt, sand	1363	15.6	13.8	1846	73.8
772	24-Jul-06	3m N of 7275 in top 150mm of cap	clay. tr. silt, sand	1373	15.4	13.8	1846	74.4
773	24-Jul-06	15m E of 7275 in top 150mm of cap	clay. tr. silt, sand	1345	16.2	13.8	1846	72.9 *
774	24-Jul-06	5m S & 7m W of 7263 in top 150mm of cap	clay. tr. silt, sand	1393	15.0	13.8	1846	75.5
775	24-Jul-06	5m S & 8m E of 7263 in top 150mm of cap	clay. tr. silt, sand	1376	15.4	13.8	1846	74.5
776	24-Jul-06	10m N & 7m W of 10287 in top 150mm of cap	clay. tr. silt, sand	1399	15.0	13.8	1846	75.8
777	24-Jul-06	10m N & 8m E of 10287 in top 150mm of cap	clay. tr. silt, sand	1387	15.3	13.8	1846	75.1
778	24-Jul-06	2m S & 2m E of 7275 in bottom 150mm of cap	clay. tr. silt, sand	1356	15.7	13.8	1846	73.5
779	24-Jul-06	7m N of 7252 in bottom 150mm of cap	clay. tr. silt, sand	1337	16.3	13.8	1846	72.4 *

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My Company Name

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Field Densities

To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
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Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
780	24-Jul-06	2m N & 10m W of 7262 in bottom 150mm of cap	clay. tr. silt, sand	1384	15.3	13.8	1846	75.0
781	24-Jul-06	3m N & 5m E of 7262 in bottom 150mm of cap	clay. tr. silt, sand	1401	15.1	13.8	1846	75.9
782	24-Jul-06	12m W of 10287 in bottom 150mm of cap	clay. tr. silt, sand	1354	15.9	13.8	1846	73.3 *
783	24-Jul-06	1m E of 10287 in bottom 150mm of cap	clay. tr. silt, sand	1378	15.5	13.8	1846	74.6
784	24-Jul-06	15m N of 7276 in top 150mm of cap	clay. tr. silt, sand	1369	15.3	13.8	1846	74.2
785	24-Jul-06	15m N & 12m E of 7276 in top 150mm of cap	clay. tr. silt, sand	1399	15.4	13.8	1846	75.8
786	24-Jul-06	7m S & 7m W of 7262 in top 150mm of cap	clay. tr. silt, sand	1370	15.4	13.8	1846	74.2
787	24-Jul-06	8m S & 8m E of 7262 in top 150mm of cap	clay. tr. silt, sand	1373	15.4	13.8	1846	74.4
788	24-Jul-06	8m S & 12m W of 10287 in top 150mm of cap	clay. tr. silt, sand	1375	14.8	13.8	1846	74.5
789	24-Jul-06	8m S & 3m E of 10287 in top 150mm of cap	clay. tr. silt, sand	1365	15.5	13.8	1846	73.9
790	25-Jul-06	12m S & 20m W of 10305 in bottom 150mm of cap	clay. tr. silt, sand	1377	15.3	13.8	1846	74.6

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10501 East Bellow Tr.
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Project: Materials Testing
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Project Number: M06-04-3666
Report Number: 1
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Field Method: ASTMD2922
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% Compaction Required: 72
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
791	25-Jul-06	3m N & 20m W of 10305 in bottom 150mm of cap	clay. tr. silt, sand	1381	14.9	13.8	1846	74.8
792	25-Jul-06	2m S & 20m W of 10306 in bottom 150mm of cap	clay. tr. silt, sand	1384	15.1	13.8	1846	75.0
793	25-Jul-06	12m S & 22m W of 10307 in bottom 150mm of cap	clay. tr. silt, sand	1346	16.1	13.8	1846	72.9 *
794	25-Jul-06	3m N & 21m W of 10307 in bottom 150mm of cap	clay. tr. silt, sand	1360	15.7	13.8	1846	73.7
795	25-Jul-06	15m N & 20m W of 10307 in bottom 150mm of cap	clay. tr. silt, sand	1404	14.9	13.8	1846	76.1
796	25-Jul-06	2m S & 17m W of 10308 in bottom 150mm of cap	clay. tr. silt, sand	1395	14.8	13.8	1846	75.6
797	25-Jul-06	10m S & 15m W of 10309 in bottom 150mm of cap	clay. tr. silt, sand	1379	15.3	13.8	1846	74.7
798	25-Jul-06	5m S & 15m W of 10310 in bottom 150mm of cap	clay. tr. silt, sand	1371	15.5	13.8	1846	74.3
799	25-Jul-06	10m N & 15m W of 10310 in bottom 150mm of cap	clay. tr. silt, sand	1358	15.8	13.8	1846	73.6
800	25-Jul-06	5m S & 15m W of 10311 in bottom 150mm of cap	clay. tr. silt, sand	1371	15.7	13.8	1846	74.3
801	25-Jul-06	10m N & 11m W of 10311 in bottom 150mm of cap	clay. tr. silt, sand	1376	15.6	13.8	1846	74.5

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10501 East Bellow Tr.
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Field Method: ASTMD2922
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
802	25-Jul-06	20m N & 5m W of 13516 in top 150mm of cap	clay. tr. silt, sand	1407	15.3	13.8	1846	76.2
803	25-Jul-06	5m N & 5m W of 13516 in top 150mm of cap	clay. tr. silt, sand	1382	15.3	13.8	1846	74.9
804	25-Jul-06	7m N & 17m W of 7180 in top 150mm of cap	clay. tr. silt, sand	1356	15.9	13.8	1846	73.5 *
805	25-Jul-06	20m W of 7180 in to 150mm of cap	clay. tr. silt, sand	1368	15.6	13.8	1846	74.1
806	25-Jul-06	20m N & 7m E of 13516 in bottom 150mm of cap	clay. tr. silt, sand	1357	15.7	13.8	1846	73.5
807	25-Jul-06	5m N & 10m E of 13516 in bottom 150mm of cap	clay. tr. silt, sand	1398	14.8	13.8	1846	75.7
808	25-Jul-06	15m N & 3m W of 7180 in bottom 150mm of cap	clay. tr. silt, sand	1346	16.0	13.8	1846	72.9 *
809	25-Jul-06	5m N oif 7180 in bottom 150mm of cap	clay. tr. silt, sand	1407	15.1	13.8	1846	76.2
810	25-Jul-06	20m N & 5m W of 13517 in top 150mm of cap	clay. tr. silt, sand	1349	16.0	13.8	1846	73.1 *
811	25-Jul-06	5m N & 8m W of 13517 in top 150mm of cap	clay. tr. silt, sand	1373	15.2	13.8	1846	74.4
812	25-Jul-06	17m W of 13517 in top 150mm of cap	clay. tr. silt, sand	1393	15.1	13.8	1846	75.5

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Project Number: M06-04-3666
Report Number: 1
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
813	25-Jul-06	3m N & 10m E of 7180 in top 150mm of cap	clay. tr. silt, sand	1363	15.3	13.8	1846	73.8
814	26-Jul-06	10m N of 10311 in bottom 150mm of cap	clay. tr. silt, sand	1389	14.8	13.8	1846	75.2
815	26-Jul-06	1m S & 5m W of 7180 in bottom 150mm of cap	clay. tr. silt, sand	1397	15.1	13.8	1846	75.7
816	26-Jul-06	8m E of 7180 in bottom 150mm of cap	clay. tr. silt, sand	1408	14.8	13.8	1846	76.3
817	26-Jul-06	5m N & 10m W of 7181 in bottom 150mm of cap	clay. tr. silt, sand	1383	15.3	13.8	1846	74.9
818	26-Jul-06	5m N & 5m E of 7181 in bottom 150mm of cap	clay. tr. silt, sand	1368	15.6	13.8	1846	74.1
819	26-Jul-06	5m S & 2m W of 10311 in top 150mm of cap	clay. tr. silt, sand	1376	15.0	13.8	1846	74.5
820	26-Jul-06	13m S & 5m W of 7180 in top 150mm of cap	clay. tr. silt, sand	1357	15.7	13.8	1846	73.5
821	26-Jul-06	15m S & 10m E of 7180 in top 150mm of cap	clay. tr. silt, sand	1342	16.1	13.8	1846	72.7 *
822	26-Jul-06	8m N & 12m W of 10313 in top 150mm of cap	clay. tr. silt, sand	1385	15.1	13.8	1846	75.0
823	26-Jul-06	2m S & 5m E of 7181 in top 150mm of cap	clay. tr. silt, sand	1379	15.2	13.8	1846	74.7

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My Company Name

My Address

Field Densities

To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
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% Compaction Required: 72
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
824	26-Jul-06	15m N & 3m W of 10310 in bottom 150mm of cap	clay. tr. silt, sand	1417	14.8	13.8	1846	76.8
825	26-Jul-06	15m N & 12m E of 1030 in bottom 150mm of cap	clay. tr. silt, sand	1395	15.2	13.8	1846	75.6
826	26-Jul-06	10m N of 10319 in bottom 150mm of cap	clay. tr. silt, sand	1429	15.0	13.8	1846	77.4
827	26-Jul-06	10m N & 12m E of 10319 in bottom 150mm of cap	clay. tr. silt, sand	1382	15.3	13.8	1846	74.9
828	26-Jul-06	7m S & 1m W of 10313 in bottom 150mm of cap	clay. tr. silt, sand	1358	15.8	13.8	1846	73.6
829	26-Jul-06	5m N & 10m W of 13523 in top 150mm of cap	silt, tr sand, clay	1324	16.3	14.6	1811	73.1
830	26-Jul-06	10m S & 12m W of 13523 in top 150mm of cap	silt, tr sand, clay	1288	17.5	14.6	1811	71.1 **
831	26-Jul-06	7m W of 13524 in top 150mm of cap	silt, tr sand, clay	1341	15.7	14.6	1811	74.0
832	26-Jul-06	15m S & 10m W of 13524 in top 150mm of cap	silt, tr sand, clay	1306	16.1	14.6	1811	72.1
833	26-Jul-06	10m W of 13525 in top 150mm of cap	silt, tr sand, clay	1290	17.3	14.6	1811	71.2 **
834	26-Jul-06	RETEST of test #832	silt, tr sand, clay	1322	16.0	14.6	1811	73.0

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To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

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Project Number: M06-04-3666
Report Number: 1
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Tested By: EGT/CL
Field Method: ASTMD2922
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
835	26-Jul-06	3m N & 2m W of 10310 in bottom 150mm of cap	clay, tr. silt, sand	1365	15.5	13.8	1846	73.9
836	26-Jul-06	2m N & 13m Eof 12310 in bottom 150mm of cap	clay, tr. silt, sand	1351	15.8	13.8	1846	73.2
837	26-Jul-06	2m S & 2m W of 10319 in bottom 150mm of cap	clay, tr. silt, sand	1403	15.0	13.8	1846	76.0
838	26-Jul-06	2m S & 12m W of 10320 in bottom 150mm of cap	clay, tr. silt, sand	1362	15.6	13.8	1846	73.8
839	26-Jul-06	2m S & 3m E of 10320 in bottom 150mm of cap	clay, tr. silt, sand	1359	15.7	13.8	1846	73.6
840	27-Jul-06	2m N & 5m W of 13523 in top 150mm of cap	silt, tr. clay, sand	1345	15.6	14.6	1811	74.3
841	27-Jul-06	13m S & 5m W of 13523 in top 150mm of cap	silt, tr. clay, sand	1293	17.4	14.6	1811	71.4 **
842	27-Jul-06	10m N & 2m E of 13524 in top 150mm of cap	silt, tr. clay, sand	1308	16.9	14.6	1811	72.2 *
843	27-Jul-06	5m S & 3m E of 13524 in top 150mm of cap	silt, tr. clay, sand	1307	17.0	14.6	1811	72.2 *
844	27-Jul-06	5m N & 7m E of 13525 in top 150mm of cap	silt, tr. clay, sand	1288	17.4	14.6	1811	71.1 **
845	27-Jul-06	15m N & 15m W of 10309 in top 150mm of cap	clay. tr silt, sand	1349	15.9	13.8	1846	73.1 *

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10501 East Bellow Tr.
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Jay Barker

Project: Materials Testing
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Project Number: M06-04-3666
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
846	27-Jul-06	15m N & 3m W of 10309 in top 150mm of cap	clay. tr silt, sand	1373	15.6	13.8	1846	74.4
847	27-Jul-06	7m W of 10332 in top 150mm of cap	clay. tr silt, sand	1383	15.4	13.8	1846	74.9
848	27-Jul-06	8m E of 10332 in top 150mm of cap	clay. tr silt, sand	1344	16.0	13.8	1846	72.8 *
849	27-Jul-06	2m N of 10331 in top 150mm of cap	clay. tr silt, sand	1354	15.8	13.8	1846	73.3
850	27-Jul-06	8m N & 8m W of 10309 in bottom 150mm of cap	clay. tr silt, sand	1431	14.8	13.8	1846	77.5
851	27-Jul-06	5m N & 7m E of 10309 in bottom 150mm of cap	clay. tr silt, sand	1373	15.7	13.8	1846	74.4
852	27-Jul-06	8m N & 5m W of 10333 in bottom 150mm of cap	clay. tr silt, sand	1347	16.3	13.8	1846	73.0 *
853	27-Jul-06	10m N & 10m E of 10333 in bottom 150mm of cap	clay. tr silt, sand	1378	15.2	13.8	1846	74.6
854	27-Jul-06	7m S & 7m W of 10331 in bottom 150mm of cap	clay. tr silt, sand	1378	15.1	13.8	1846	74.6
855	27-Jul-06	4m S & 7m E of 10331 in bottom 150mm of cap	clay. tr silt, sand	1404	15.0	13.8	1846	76.1
856	27-Jul-06	5m W of 10304 in top 150mm of cap	clay. tr silt, sand	1336	16.7	13.8	1846	72.4 *
857	27-Jul-06	3m S & 10m E of 10301 in top 150mm of cap	clay. tr silt, sand	1349	15.9	13.8	1846	73.1 *

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10501 East Bellow Tr.
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Project: Materials Testing
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Report Number:	1
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
858	27-Jul-06	5m S & 8m W of 10333 in top 150mm of cap	clay. tr silt, sand	1383	14.9	13.8	1846	74.9
859	27-Jul-06	5m S & 7m E of 10333 in top 150mm of cap	clay. tr silt, sand	1366	15.7	13.8	1846	74.0
860	27-Jul-06	20m S of 10331 in top 150mm of cap	clay. tr silt, sand	1384	15.3	13.8	1846	75.0
861	27-Jul-06	7m N & 8m W of 10308 in bottom 150mm of cap	clay. tr silt, sand	1371	15.6	13.8	1846	74.3
862	27-Jul-06	5m N & 7m E of 10308 in bottom 150mm of cap	clay. tr silt, sand	1378	15.5	13.8	1846	74.6
863	27-Jul-06	7m N & 7m W of 16629 in bottom 150mm of cap	clay. tr silt, sand	1381	15.1	13.8	1846	74.8
864	27-Jul-06	2mN & 5m E of 16629 in bottom 150mm of cap	clay. tr silt, sand	1352	15.9	13.8	1846	73.2 *
865	27-Jul-06	2m W of 10628 in bottom 150mm of cap	clay. tr silt, sand	1385	15.2	13.8	1846	75.0
866	27-Jul-06	12m N & 12m E of 16628 in bottom 150mm of cap	clay. tr silt, sand	1407	15.0	13.8	1846	76.2
867	27-Jul-06	15m E of 13524 in bottom 150mm of cap	silt, tr, sand, clay	1304	17.0	14.6	1811	72.0 *
868	27-Jul-06	3m E of 13526 in bottom 150mm of cap	silt, tr, sand, clay	1319	16.8	14.6	1811	72.8 *

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Project: Materials Testing
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
869	28-Jul-06	7m N & 15m E of 13523 in top 150mm of cap	silt, tr, sand, clay	1345	15.8	14.6	1811	74.3
870	28-Jul-06	8m S & 17m E of 13523 in top 150mm of cap	silt, tr, sand, clay	1355	15.9	14.6	1811	74.8
871	28-Jul-06	10m N of 13527 in top 150mm of cap	silt, tr, sand, clay	1315	16.8	14.6	1811	72.6 *
872	28-Jul-06	5m S & 3m E of 13527 in top 150mm of cap	silt, tr, sand, clay	1285	17.6	14.6	1811	71.0 **
873	28-Jul-06	12m N & 10m E of 13528 in top 150mm of cap	silt, tr, sand, clay	1365	15.6	14.6	1811	75.4
874	28-Jul-06	7m E of 13528 in top 150mm of cap	silt, tr, sand, clay	1317	16.4	14.6	1811	72.7
875	28-Jul-06	3m S & 7m W of 10308 in top 150mm of cap	clay, tr. silt, sand	1398	14.9	13.8	1846	75.7
876	28-Jul-06	7m S & 8m E of 10308 in top 150mm of cap	clay, tr. silt, sand	1393	15.0	13.8	1846	75.5
877	28-Jul-06	10m S & 10m W of 16624 in top 150mm of cap	clay, tr. silt, sand	1376	15.5	13.8	1846	74.5
878	28-Jul-06	8m S & 5m W of 16629 in top 150mm of cap	clay, tr. silt, sand	1385	15.2	13.8	1846	75.0
879	28-Jul-06	10m S & 5m W of 16628 in top 150mm of cap	clay, tr. silt, sand	1390	15.0	13.8	1846	75.3

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10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
880	28-Jul-06	10m S & 10m E of 16628 in top 150mm of cap	clay, tr. silt, sand	1376	15.3	13.8	1846	74.5
881	28-Jul-06	10m N & 5m E of 16623 in bottom 150mm of cap	clay, tr. silt, sand	1411	14.9	13.8	1846	76.4
882	28-Jul-06	7mN & 10m W of 16623 in bottom 150mm of cap	clay, tr. silt, sand	1385	15.2	13.8	1846	75.0
883	28-Jul-06	2m N of 16622 in bottom 150mm of cap	clay, tr. silt, sand	1326	16.8	13.8	1846	71.8 **
884	28-Jul-06	7m N & 10m W of 16622 in bottom 150mm of cap	clay, tr. silt, sand	1337	16.4	13.8	1846	72.4 *
885	28-Jul-06	5m N & 7m E of 10307 in bottom 150mm of cap	clay, tr. silt, sand	1354	15.8	13.8	1846	73.3
886	28-Jul-06	2m N & 5m E of 10307 in top 150mm of cap	clay, tr. silt, sand	1369	15.5	13.8	1846	74.2
887	28-Jul-06	10m E of 10307 in top 150mm of cap	clay, tr. silt, sand	1346	16.1	13.8	1846	72.9 *
888	28-Jul-06	5m W of 16622 in top 150mm of cap	clay, tr. silt, sand	1417	14.9	13.8	1846	76.8
889	28-Jul-06	10m E of 16622 in top 1501mm of cap	clay, tr. silt, sand	1436	14.8	13.8	1846	77.8
890	28-Jul-06	5m N & 2m W of 16623 in top 150mm of cap	clay, tr. silt, sand	1398	14.9	13.8	1846	75.7

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My Company Name

My Address

Field Densities

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10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Project Number: M06-04-3666
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
891	28-Jul-06	7m N & 5m W of 16624 in top 150mm of cap	clay, tr. silt, sand	1361	15.7	13.8	1846	73.7
892	28-Jul-06	3m S & 3m W of 16624 in bottom 150mm of cap	clay, tr. silt, sand	1401	15.2	13.8	1846	75.9
893	28-Jul-06	7m N of 16620 in bottom 150mm of cap	clay, tr. silt, sand	1394	15.1	13.8	1846	75.5
894	28-Jul-06	10m N & 5m E of 16621 in bottom 150mm of cap	clay, tr. silt, sand	1383	15.2	13.8	1846	74.9
895	28-Jul-06	10m N & 10m W of 16621 in bottom 150mm of cap	clay, tr. silt, sand	1369	15.5	13.8	1846	74.2
896	28-Jul-06	12m S & 10m E of 10307 in bottom 150mm of cap	clay, tr. silt, sand	1382	15.3	13.8	1846	74.9
897	28-Jul-06	12m S & 5m W of 10307 in bottom 150mm of cap	clay, tr. silt, sand	1357	15.8	13.8	1846	73.5
898	29-Jul-06	12m N & 5m E of 10305 in top 150mm of cap	clay, tr. silt, sand	1386	14.9	13.8	1846	75.1
899	29-Jul-06	3m S & 3m E of 10305 in top 150mm of cap	clay, tr. silt, sand	1367	15.1	13.8	1846	74.1
900	29-Jul-06	5m N & 2m W of 10304 in top 150mm of cap	clay, tr. silt, sand	1402	15.0	13.8	1846	75.9
901	29-Jul-06	10m E of 10303 in top 150mm of cap	clay, tr. silt, sand	1378	14.8	13.8	1846	74.6

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My Company Name

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10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
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Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
902	29-Jul-06	5m S & 15m E of 10306 in top 150mm of cap	clay, tr. silt, sand	1382	14.8	13.8	1846	74.9
903	29-Jul-06	2m S & 7m E of 16621 in top 150mm of cap	clay, tr. silt, sand	1371	15.7	13.8	1846	74.3
904	29-Jul-06	8m N of 16620 in top 150mm of cap	clay, tr. silt, sand	1366	15.1	13.8	1846	74.0
905	29-Jul-06	12m N & 2m W of 16619 in top 150mm of cap	clay, tr. silt, sand	1370	15.5	13.8	1846	74.2
906	29-Jul-06	2m S & 5m W of 10303 in bottom 150mm of cap	clay, tr. silt, sand	1409	15.2	13.8	1846	76.3
907	29-Jul-06	10m N & 2m E of 10303 in bottom 150mm of cap	clay, tr. silt, sand	1382	15.2	13.8	1846	74.9
908	29-Jul-06	2m S & 10m E of 10304 in bottom 150mm of cap	clay, tr. silt, sand	1380	15.4	13.8	1846	74.8
909	29-Jul-06	13m N & 10m E of 10304 in bottom 150mm of cap	clay, tr. silt, sand	1366	15.2	13.8	1846	74.0
910	29-Jul-06	5m S & 12m E of 10305 in bottom 150mm of cap	clay, tr. silt, sand	1393	15.4	13.8	1846	75.5
911	29-Jul-06	5m S & 7m W of 16617 in bottom 150mm of cap	clay, tr. silt, sand	1346	16.0	13.8	1846	72.9 *
912	29-Jul-06	10m N of 16617 in bottom 150mm of cap	clay, tr. silt, sand	1398	14.9	13.8	1846	75.7

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10501 East Bellow Tr.
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Jay Barker

Project: Materials Testing
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Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
913	29-Jul-06	10m N & 10m E of 16617 in bottom 150mm of cap	clay, tr. silt, sand	1365	15.5	13.8	1846	73.9
914	29-Jul-06	10m S & 10m W of 16620 in bottom 150mm of cap	clay, tr. silt, sand	1386	14.9	13.8	1846	75.1
915	29-Jul-06	10m E of 16620 in bottom 150mm of cap	clay, tr. silt, sand	1408	14.8	13.8	1846	76.3
916	29-Jul-06	10m N of 13523 in bottom 150mm of cap	silt, tr sand, clay	1351	15.6	14.6	1811	74.6
917	29-Jul-06	10m N & 10m E of 13523 in bottom 150mm of cap	silt, tr sand, clay	1346	16.2	14.6	1846	72.9
918	29-Jul-06	7m E of 13523 in bottom 150mm of cap	silt, tr sand, clay	1365	15.6	14.6	1846	73.9
919	29-Jul-06	10m S of 13523 in bottom 150mm of cap	silt, tr sand, clay	1338	16.4	14.6	1846	72.5
920	29-Jul-06	10m S & 10m W of 13523 in bottom 150mm of cap	silt, tr sand, clay	1344	16.3	14.6	1846	72.8
921	29-Jul-06	15m N & 10m W of 13527 in bottom 150mm of cap	silt, tr sand, clay	1323	17.1	14.6	1846	71.7 **
922	29-Jul-06	5m N & 7m W of 13527 in bottom 150mm of cap	silt, tr sand, clay	1328	16.9	14.6	1846	71.9 **
923	29-Jul-06	5m S of 13527 in bottom 150mm of cap	silt, tr sand, clay	1323	17.0	14.6	1846	71.7 **

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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
924	29-Jul-06	10m N of 13526 in bottom 150mm of cap	silt, tr sand, clay	1350	15.9	14.6	1846	73.1
925	29-Jul-06	10m E of 13526 in bottom 150mm of cap	silt, tr sand, clay	1347	16.2	14.6	1846	73.0
926	29-Jul-06	RETEST of test #921	silt, tr sand, clay	1327	16.9	14.6	1846	71.9 **
927	29-Jul-06	10m N of 16619 in top 150mm of cap	Clay, tr. silt, sand	1405	15.1	13.8	1846	76.1
928	29-Jul-06	5m S of 16619 in top 150mm of cap	Clay, tr. silt, sand	1393	14.9	13.8	1846	75.5
929	29-Jul-06	10m N & 3m E of 16615 in top 150mm of cap	Clay, tr. silt, sand	1354	15.7	13.8	1846	73.3
930	29-Jul-06	2m W of 16615 in top 150mm of cap	Clay, tr. silt, sand	1359	15.7	13.8	1846	73.6
931	29-Jul-06	2m S & 13m W of 16615 in top 150mm of cap	Clay, tr. silt, sand	1340	16.2	13.8	1846	72.6 *
932	29-Jul-06	12m N & 3m E of 16612 in top 150mm of cap	Clay, tr. silt, sand	1373	15.4	13.8	1846	74.4
933	29-Jul-06	7m W of 16612 in top 150mm of cap	Clay, tr. silt, sand	1389	15.0	13.8	1846	75.2
934	29-Jul-06	5m S of 16613 in top 150mm of cap	Clay, tr. silt, sand	1367	15.6	13.8	1846	74.1
935	29-Jul-06	7m S & 12m W of 16613 in top 150mm of cap	Clay, tr. silt, sand	1344	16.2	13.8	1846	72.8 *

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Report Date:	04-Aug-06
Tested By:	EGT/CL
Field Method:	ASTMD2922
Lab Method:	ASTMD698
% Compaction Required:	72
% Moisture Tolerance:	2
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
936	29-Jul-06	15m W of 16608 in top 150mm of cap	Clay, tr. silt, sand	1409	14.8	13.8	1846	76.3
937	29-Jul-06	20m E of 10302 in top 150mm of cap	Clay, tr. silt, sand	1370	15.0	13.8	1846	74.2
938	29-Jul-06	2m N & 5m E of 10302 in top 150mm of cap	Clay, tr. silt, sand	1367	15.7	13.8	1846	74.1
939	29-Jul-06	7m S & 5m W of 10302 in bottom 150mm of cap	Clay, tr. silt, sand	1391	15.2	13.8	1846	75.4
940	29-Jul-06	7m S & 10m E of 10302 in bottom 150mm of cap	Clay, tr. silt, sand	1358	16.0	13.8	1846	73.6 *
941	29-Jul-06	5m N of 13610 in bottom 150mm of cap	Clay, tr. silt, sand	1378	15.4	13.8	1846	74.6
942	29-Jul-06	10m S & 15m W of 16608 in bottom 150mm of cap	Clay, tr. silt, sand	1351	16.1	13.8	1846	73.2 *
943	29-Jul-06	5m S of 16608 in bottom 150mm of cap	Clay, tr. silt, sand	1367	15.5	13.8	1846	74.1
944	29-Jul-06	2m S & 10m E of 16608 in bottom 150mm of cap	Clay, tr. silt, sand	1412	15.3	13.8	1846	76.5
945	29-Jul-06	7m S & 7m W of 16612 in bottom 150mm of cap	Clay, tr. silt, sand	1376	15.5	13.8	1846	74.5
946	29-Jul-06	5m S & 8m E of 16612 in bottom 150mm of cap	Clay, tr. silt, sand	1351	15.9	13.8	1846	73.2 *

Continued ...

My Company Name

My Address

Field Densities

To: HazPro Env Services
10501 East Bellow Tr.
Buffalo, NY

Jay Barker

Project: Materials Testing
WESTCO - capping

Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
% Moisture Tolerance: 2

ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
947	30-Jul-06	5m N & 15m W of 13526 in top 150mm of cap	Clay, tr. silt, sand	1335	16.2	14.6	1811	73.7
948	30-Jul-06	10m S & 15m W of 13528 in top 150mm of cap	Clay, tr. silt, sand	1358	15.8	14.6	1811	75.0
949	30-Jul-06	2m W of 13528 in top 150mm of cap	Clay, tr. silt, sand	1358	15.7	14.6	1811	75.0
950	30-Jul-06	5m N & 20m W of 13548	Clay, tr. silt, sand	1327	16.3	14.6	1811	73.3
951	30-Jul-06	5m W of 13549 in top 150mm of cap	Clay, tr. silt, sand	1297	17.2	14.6	1811	71.6 **
952	30-Jul-06	12m N & 2m W of 13549 in top 150mm of cap	Clay, tr. silt, sand	1319	16.5	14.6	1811	72.8
953	30-Jul-06	5m S of 13549 in top 150mm of cap	Clay, tr. silt, sand	1346	15.7	14.6	1811	74.3
954	30-Jul-06	5m S & 15m W of 13549 in top 150mm of cap	Clay, tr. silt, sand	1341	16.0	14.6	1811	74.0
955	30-Jul-06	5m N & 15m W of 13550 in top 150mm of cap	Clay, tr. silt, sand	1324	16.5	14.6	1811	73.1
956	30-Jul-06	5m N of 13550 in top 150mm of cap	Clay, tr. silt, sand	1335	16.3	14.6	1811	73.7
957	30-Jul-06	5m S & 15m W of 13550 in top 150mm of cap	silt, tr. sand, clay	1308	16.6	14.6	1811	72.2
958	30-Jul-06	7m S of 13530 in top 150mm of cap	silt, tr. sand, clay	1300	17.3	14.6	1811	71.8 **

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Project Number: M06-04-3666
Report Number: 1
Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
959	30-Jul-06	5m N of 10301 in bottom 150mm of cap	silt, tr. sand, clay	1392	14.8	14.6	1811	76.9
960	30-Jul-06	10m N & 10m E of 10301 in bottom 150mm of cap	silt, tr. sand, clay	1379	15.1	14.6	1811	76.1
961	30-Jul-06	5m S & 7m W of 13610 in bottom 150mm of cap	silt, tr. sand, clay	1370	14.9	14.6	1811	75.6
962	30-Jul-06	6m S & 8m E of 13610 in bottom 150mm of cap	silt, tr. sand, clay	1365	15.5	14.6	1811	75.4
963	30-Jul-06	7m N & 7m W of 13609 in bottom 150mm of cap	silt, tr. sand, clay	1405	14.9	14.6	1811	77.6
964	30-Jul-06	5m N & 3m E of 13604 in bottom 150mm of cap	silt, tr. sand, clay	1384	15.3	14.6	1811	76.4
965	30-Jul-06	2m S & 20m W of 16606 in bottom 150mm of cap	silt, tr. sand, clay	1369	15.3	14.6	1811	75.6
966	30-Jul-06	7m S & 5m W of 16606 in bottom 150mm of cap	silt, tr. sand, clay	1398	15.0	14.6	1811	77.2
967	30-Jul-06	7m S & 5m E of 16606 in bottom 150mm of cap	clay, tr silt, sand	1349	15.9	13.8	1846	73.1 *
968	30-Jul-06	20m W of 13609 in top 150mm of cap	clay, tr silt, sand	1386	15.2	13.8	1846	75.1
969	30-Jul-06	2m S & 5m W of 13609 in top 150mm of cap	clay, tr silt, sand	1350	16.4	13.8	1846	73.1 *

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Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
% Compaction Required: 72
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
970	30-Jul-06	5m E of 13609 in top 150mm of cap	clay, tr silt, sand	1369	15.7	13.8	1846	74.2
971	30-Jul-06	5m W of 13608 in top 150mm of cap	clay, tr silt, sand	1384	15.5	13.8	1846	75.0
972	30-Jul-06	5m E of 13608 in top 150mm of cap	clay, tr silt, sand	1356	15.5	13.8	1846	73.5
973	30-Jul-06	15m E & 2m N of 13608 in top 150mm of cap	clay, tr silt, sand	1364	15.8	13.8	1846	73.9
974	30-Jul-06	10m N & 7m E of 13602 in bottom 150mm of cap	clay, tr silt, sand	1416	14.8	13.8	1846	76.7
975	30-Jul-06	10m N & 8m W of 13602 in bottom 150mm of cap	clay, tr silt, sand	1360	15.7	13.8	1846	73.7
976	30-Jul-06	10m N & 7m E of 13603 in bottom 150mm of cap	clay, tr silt, sand	1383	15.0	13.8	1846	74.9
977	30-Jul-06	10m N & 8m W of 13603 in bottom 150mm of cap	clay, tr silt, sand	1420	14.8	13.8	1846	76.9
978	30-Jul-06	10m N & 7m E of 13604 in bottom 150mm of cap	clay, tr silt, sand	1376	15.5	13.8	1846	74.5
979	30-Jul-06	10m N & 8m W of 13604 in bottom 150mm of cap	clay, tr silt, sand	1352	15.8	13.8	1846	73.2
980	31-Jul-06	5m N of 2565 in top 150mm of cap	silt, tr. sand, clay	1358	15.7	14.6	1811	75.0
981	31-Jul-06	5m N & 15m E of 2565 in top 150mm of cap	silt, tr. sand, clay	1339	16.0	14.6	1811	73.9

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Field Method: ASTMD2922
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
982	31-Jul-06	7m N & 7m E of 13526 in top 150mm of cap	silt, tr. sand, clay	1333	16.0	14.6	1811	73.6
983	31-Jul-06	5m N & 20m E of 13526 in top 150mm of cap	silt, tr. sand, clay	1347	15.8	14.6	1811	74.4
984	31-Jul-06	10m S & 3m E of 13527 in top 150mm of cap	silt, tr. sand, clay	1329	16.3	14.6	1811	73.4
985	31-Jul-06	10m S & 17m E of 13527 in top 150mm of cap	silt, tr. sand, clay	1294	17.2	14.6	1811	71.5 **
986	31-Jul-06	7m N of 13527 in top 150mm of cap	silt, tr. sand, clay	1362	16.1	14.6	1811	75.2
987	31-Jul-06	7m N & 15m E of 13527 in top 150mm of cap	silt, tr. sand, clay	1337	16.3	14.6	1811	73.8
988	31-Jul-06	10m S of 13528 in top 150mm of cap	silt, tr. sand, clay	1335	15.7	14.6	1811	73.7
989	31-Jul-06	5m N & 2m E of 13528 in top 150mm of cap	silt, tr. sand, clay	1330	16.2	14.6	1811	73.4
990	31-Jul-06	5m N & 17m E of 13528 in top 150mm of cap	silt, tr. sand, clay	1341	15.9	14.6	1811	74.0
991	31-Jul-06	10m S & 15m E of 13528 in top 150mm of cap	silt, tr. sand, clay	1308	16.7	14.6	1811	72.2 *
992	31-Jul-06	2m S & 7m E of 13605 in top 150mm of cap	clay, tr silt, sand	1404	15.0	13.8	1846	76.1

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10501 East Bellow Tr.
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Report Date: 04-Aug-06
Tested By: EGT/CL
Field Method: ASTMD2922
Lab Method: ASTMD698
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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
993	31-Jul-06	3m S & 8m W of 13605 in top 150mm of cap	clay, tr silt, sand	1384	15.3	13.8	1846	75.0
994	31-Jul-06	5m S & 10m E of 10301 in top 150mm of cap	clay, tr silt, sand	1340	16.3	13.8	1846	72.6 *
995	31-Jul-06	2m S & 2m W of 10301 in top 150mm of cap	clay, tr silt, sand	1400	14.9	13.8	1846	75.8
996	31-Jul-06	12m S & 3m E of 10301 in bottom 150mm of cap	clay, tr silt, sand	1358	15.7	13.8	1846	73.6
997	31-Jul-06	12m S & 7m W of 13605 in bottom 150mm of cap	clay, tr silt, sand	1328	16.8	13.8	1846	71.9 **
998	31-Jul-06	12m S & 8m E of 13605 in bottom 150mm of cap	clay, tr silt, sand	1340	16.4	13.8	1846	72.6 *
999	31-Jul-06	7m S & 2m E of 13624 in bottom 150mm of cap	clay, tr silt, sand	1422	14.8	13.8	1846	77.0
1000	31-Jul-06	5m S & 10m W of 13603 in bottom 150mm of cap	clay, tr silt, sand	1382	15.3	13.8	1846	74.9
1001	23-Oct-19			87	0.0	0.0	87	100.0
1002	31-Jul-06	2m N & 10m W of 13602 in bottom 150mm of cap	clay, tr silt, sand	1344	16.0	13.8	1846	72.8 *
1003	31-Jul-06	5m N of 13602 in bottom 150mm of cap	clay, tr silt, sand	1399	15.1	13.8	1846	75.8

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ID No.	Test Date	Sample Location	Soil Type	Dry Density (kg/m³)	Moisture Content (%)	Optimum Moisture (%)	Proctor Density (kg/m³)	Percent Compaction (%)
1004	31-Jul-06	7m N & 12m E of 13602 in bottom 150mm of cap	clay, tr silt, sand	1381	15.3	13.8	1846	74.8
1005	31-Jul-06	7m S & 12m E of 13602 in top 150mm of cap	clay, tr silt, sand	1376	15.6	13.8	1846	74.5

Per: _____