Hydrometer Particle Size Analysis

Cuttings samples from NC-EWDP-22PC with specific gravity passing No. 10 sieve

(Hydrometer number 57878, type 152H)

Sample Number	Test Date	Percent Passing No. 10 Sieve	HWC No. 10 Moisture Correction Factor	Sample Weight (g)	Oven-Dried Sample Weight (g)	Total Oven-Dried Sample Weight (g)	Specific Gravity (g/cm³)	Elapsed Time (min)	Hydrometer Reading	ASTM Depth	Composite Correction	Corrected Reading	Temperature (°C)	ASTM Alpha Correction	ASTM K Value	Largest Particle Passing (mm)	Percent Passing
22PC-42.5-45.0-D	7/12/05	50.3	0.981	113.15	111.02	220.82	2.532	2	16	13.7	4.60	11.40	21.0	1.02	0.01391	0.0364	5.3
								5	14	14.0		9.40				0.0233	4.3
								15	12	14.3		7.40				0.0136	3.4
								45	10	14.7		5.40				0.0080	2.5
								120	9	14.8		4.40				0.0049	2.0
22PC-100.0-102.5-D	7/12/05	37.4	0.980	114.28	112.04	299.68	2.558	2	15	13.8	4.60	10.40	21.0	1.02	0.01391	0.0365	3.5
								5	12	14.3		7.40				0.0235	2.5
								15	10	14.7		5.40				0.0138	1.8
								45	8	15.0		3.40				0.0080	1.2
								120	7	15.2		2.40				0.0050	0.8
22PC-157.5-160.0-D	7/12/05	25.9	0.960	118.33	113.63	438.74	2.548	2	19	13.2	4.60	14.40	21.0	1.02	0.01391	0.0357	3.3
								5	16	13.7		11.40				0.0230	2.7
								15	13	14.2		8.40				0.0135	2.0
								45	11	14.5		6.40				0.0079	1.5
								120	10	14.7		5.40				0.0049	1.3
22PC-177.5-180.0-D	7/12/05	34.2	0.931	113.97	106.07	309.83	2.564	2	22	12.7	4.60	17.40	21.0	1.02	0.01391	0.0351	5.7
								5	20	13.0		15.40				0.0224	5.1
								15	18	13.3		13.40				0.0131	4.4
								45	16	13.7		11.40				0.0077	3.8
								120	15	13.8		10.40				0.0047	3.4
22PC-192.5-195.0-D	7/12/05	42.3	0.921	119.75	110.23	260.51	2.572	2	20	13.0	4.60	15.40	21.0	1.02	0.01391	0.0355	6.0
								5	17	13.5		12.40				0.0229	4.9
								15	15	13.8		10.40				0.0133	4.1
								45	13	14.2		8.40				0.0078	3.3
								120	12	14.3		7.40				0.0048	2.9
22PC-217.5-220.0-D	7/13/05	29.9	0.953	116.62	111.15	372.13	2.588	2	17	13.5	4.80	12.20	20.0	1.01	0.01386	0.0360	3.3
								5	15	13.8		10.20				0.0230	2.8
								15	13	14.2		8.20				0.0135	2.2
								45	10	14.7		5.20				0.0079	1.4
								120	9	14.8		4.20				0.0049	1.1
22PC-242.5-245.0-D	7/13/05	34.6	0.964	118.98	114.74	331.92	2.570	2	18	13.3	4.80	13.20	20.0	1.02	0.01408	0.0363	4.1
								5	15	13.8		10.20				0.0234	3.1
								15	13	14.2		8.20				0.0137	2.5
								45	10	14.7		5.20				0.0080	1.6
								120	9	14.8		4.20				0.0049	1.3
22PC-267.5-270.0-D	7/13/05	51.2	0.940	112.31	105.53	206.26	2.562	2	15	13.8	4.80	10.20	20.0	1.02	0.01408	0.0370	5.0
								5	13	14.2		8.20				0.0237	4.1
								15	11	14.5		6.20				0.0138	3.1
								45	9	14.8		4.20				0.0081	2.1
								120	8	15.0		3.20				0.0050	1.6

Hydrometer Particle Size Analysis

Cuttings samples from NC-EWDP-22PC with specific gravity passing No. 10 sieve

(Hydrometer number 57878, type 152H)

Sample Number	Test Date	Percent Passing No. 10 Sieve	HWC No. 10 Moisture Correction Factor	Sample Weight (g)	Oven-Dried Sample Weight (g)	Total Oven-Dried Sample Weight (g)	Specific Gravity (g/cm³)	Elapsed Time (min)	Hydrometer Reading	ASTM Depth	Composite Correction	Corrected Reading	Temperature (°C)	ASTM Alpha Correction	ASTM K Value	Largest Particle Passing (mm)	Percent Passing
22PC-292.5-295.0-D	7/13/05	25.9	0.890	113.06	100.67	389.42	2.577	2	19	13.2	4.80	14.20	20.0	1.01	0.01386	0.0356	3.7
								5	18	13.8		13.20				0.0230	3.4
								15	16	13.7		11.20				0.0132	2.9
								45	15	13.8		10.20				0.0077	2.6
								120	14	14.0		9.20				0.0047	2.4
22PC-317.5-320.0-D	7/13/05	28.3	0.914	116.56	106.48	376.56	2.590	2	19	13.2	4.80	14.20	20.0	1.01	0.01386	0.0356	3.8
								5	18	13.3		13.20				0.0226	3.5
								15	16	13.7		11.20				0.0132	3.0
								45	15	13.8		10.20				0.0077	2.7
								120	14	14.0		9.20				0.0047	2.5
22PC-342.5-345.0-D	7/13/05	35.0	0.923	117.28	108.24	309.41	2.568	2	24	12.4	4.80	19.20	20.0	1.02	0.01408	0.0351	6.3
								5	22	12.7		17.20				0.0224	5.7
								15	19	13.2		14.20				0.0132	4.7
								45	18	13.3		13.20				0.0077	4.4
								120	17	13.5		12.20				0.0047	4.0
22PC-367.5-370.0-D	7/14/05	29.0	0.908	112.09	101.72	350.22	2.567	2	25	12.2	4.80	20.20	20.0	1.02	0.01408	0.0348	5.9
								5	23	12.5		18.20				0.0223	5.3
								15	21	12.9		16.20				0.0131	4.7
								45	19	13.2		14.20				0.0076	4.1
								120	17	13.5		12.20				0.0047	3.6
22PC-392.5-395.0-D	7/14/05	39.7	0.932	116.41	108.51	273.56	2.536	2	20	13.0	4.80	15.20	20.0	1.02	0.01408	0.0359	5.7
								5	18	13.3		13.20				0.0230	4.9
								15	16	13.7		11.20				0.0135	4.2
								45	15	13.8		10.20				0.0078	3.8
								120	14	14.0		9.20				0.0048	3.4
22PC-417.5-420.0-D	7/14/05	39.5	0.978	117.79	115.18	291.50	2.556	2	29	11.5	4.80	24.20	20.0	1.02	0.01408	0.0338	8.5
								5	26	12.0		21.20				0.0218	7.4
								15	23	12.5		18.20				0.0129	6.4
								45	20	13.0		15.20				0.0076	5.3
								120	18	13.3		13.20				0.0047	4.6
22PC-442.5-445.0-D	7/14/05	38.7	0.974	114.32	111.33	287.58	2.557	2	38	10.1	4.60	33.40	21.0	1.02	0.01391	0.0313	11.8
								5	34	10.7		29.40				0.0203	10.4
								15	32	11.1		27.40				0.0120	9.7
								45	30	11.4		25.40				0.0070	9.0
								120	28	11.7		23.40				0.0043	8.3

Hydrometer Particle Size Analysis

Core grab samples from NC-EWDP-22PC with specific gravity passing No. 10 sieve

(Hydrometer number 57878, type 152H)

Sample Number	Test Date	Percent Passing No. 10 Sieve	HWC No. 10 Moisture Correction Factor	Sample Weight (g)	Oven-Dried Sample Weight (g)	Total Oven-Dried Sample Weight (g)	Specific Gravity (g/cm³)	Elapsed Time (min)	Hydrometer Reading	ASTM Depth	Composite Correction	Corrected Reading	Temperature (°C)	ASTM Alpha Correction	ASTM K Value	Largest Particle Passing (mm)	Percent Passing
22PC-460.0-460.5-SC	12/15/04	36.8	0.933	109.59	102.23	277.96	2.574	2	30	11.4	4.60	25.40	21.0	1.02	0.01391	0.0332	9.3
								5	27	11.9		22.40				0.0215	8.2
								15	24	12.4		19.40				0.0126	7.1
								45	21	12.9		16.40				0.0074	6.0
								120	19	13.2		14.40				0.0046	5.3
22PC-460.5-461.1-SC	12/15/04	33.3	0.934	107.63	100.52	301.58	2.524	2	34	10.7	4.60	29.40	21.0	1.03	0.01414	0.0327	10.0
								5	30	11.4		25.40				0.0214	8.7
								15	27	11.9		22.40				0.0126	7.7
								45	24	12.4		19.40				0.0074	6.6
								120	20	13.0		15.40				0.0047	5.3
22PC-461.1-461.8-SC	12/15/04	34.7	0.921	109.09	100.46	289.66	2.536	2	27	11.9	4.60	22.40	21.0	1.02	0.01391	0.0339	7.9
								5	24	12.4		19.40				0.0219	6.8
								15	21	12.9		16.40				0.0129	5.8
								45	18	13.3		13.40				0.0076	4.7
								120	15	13.8		10.40				0.0047	3.7
22PC-461.8-463.7-SC	12/15/04	38.6	0.934	105.18	98.27	254.77	2.560	2	37	10.2	4.60	32.40	21.0	1.02	0.01391	0.0314	13.0
								5	33	10.9		28.40				0.0205	11.4
								15	29	11.5		24.40				0.0122	9.8
								45	26	12.0		21.40				0.0072	8.6
								120	23	12.5		18.40				0.0045	7.4
22PC-463.7-464.2-SC	12/15/04	57.6	0.919	104.93	96.43	167.55	2.545	2	35	10.6	4.60	30.40	21.0	1.02	0.01391	0.0320	18.5
								5	32	11.1		27.40				0.0207	16.7
								15	28	11.7		23.40				0.0123	14.2
								45	25	12.2		20.40				0.0072	12.4
								120	22	12.7		17.40				0.0045	10.6
22PC-464.2-466.3-SC	12/15/04	34.3	0.924	109.43	101.06	294.33	2.518	2	31	11.2	4.60	26.40	21.0	1.03	0.01414	0.0335	9.2
								5	28	11.7		23.40				0.0216	8.2
								15	25	12.2		20.40				0.0128	7.1
								45	22	12.7		17.40				0.0075	6.1
								120	20	13.0		15.40				0.0047	5.4
22PC-466.3-468.1-SC	12/16/04	21.7	0.935	114.21	106.83	492.56	2.574	2	35	10.6	4.60	30.40	21.0	1.02	0.01391	0.0320	6.3
								5	31	11.2		26.40				0.0208	5.5
								15	27	11.9		22.40				0.0124	4.6
								45	24	12.4		19.40				0.0073	4.0
								120	21	12.9		16.40				0.0046	3.4
22PC-468.1-469.1-SC	12/16/04	55.2	0.929	114.36	106.27	192.41	2.563	2	34	10.7	4.60	29.40	21.0	1.02	0.01391	0.0322	15.6
								5	31	11.2		26.40				0.0208	14.0
								15	27	11.9		22.40				0.0124	11.9
								45	24	12.4		19.40				0.0073	10.3
								120	21	12.9		16.40				0.0046	8.7

Hydrometer Particle Size Analysis

Core grab samples from NC-EWDP-22PC with specific gravity passing No. 10 sieve

(Hydrometer number 57878, type 152H)

Sample Number	Test Date	Percent Passing No. 10 Sieve	HWC No. 10 Moisture Correction Factor	Sample Weight (g)	Oven-Dried Sample Weight (g)	Total Oven-Dried Sample Weight (g)	Specific Gravity (g/cm³)	Elapsed Time (min)	Hydrometer Reading	ASTM Depth	Composite Correction	Corrected Reading	Temperature (°C)	ASTM Alpha Correction	ASTM K Value	Largest Particle Passing (mm)	Percent Passing
22PC-469.1-471.4-SC	12/16/04	45.5	0.949	112.33	106.58	234.23	2.552	2	30	11.4	4.60	25.40	21.0	1.02	0.01391	0.0332	11.1
								5	26	12.0		21.40				0.0215	9.3
								15	23	12.5		18.40				0.0127	8.0
								45	20	13.0		15.40				0.0075	6.7
								120	18	13.3		13.40				0.0046	5.8
22PC-471.4-473.2-SC	12/16/04	42.6	0.939	110.48	103.75	243.65	2.568	2	23	12.5	4.60	18.40	21.0	1.02	0.01391	0.0348	7.7
								5	20	13.0		15.40				0.0224	6.4
								15	19	13.2		14.40				0.0130	6.0
								45	17	13.5		12.40				0.0076	5.2
								120	15	13.8		10.40				0.0047	4.4
22PC-473.2-474.5-SC	12/16/04	39.7	0.935	112.79	105.44	265.80	2.555	2	35	10.6	4.60	30.40	21.0	1.02	0.01391	0.0320	11.7
								5	32	11.1		27.40				0.0207	10.5
								15	29	11.5		24.40				0.0122	9.4
								45	26	12.0		21.40				0.0072	8.2
								120	23	12.5		18.40				0.0045	7.1
22PC-474.5-476.2-SC	12/16/04	46.0	0.926	111.69	103.40	224.57	2.540	2	32	11.1	4.60	27.40	21.0	1.02	0.01391	0.0328	12.4
								5	29	11.5		24.40				0.0211	11.1
								15	26	12.0		21.40				0.0124	9.7
								45	23	12.5		18.40				0.0073	8.4
								120	20	13.0		15.40				0.0046	7.0
22PC-476.2-481.8-SC	12/17/04	47.0	0.945	108.36	102.41	217.67	2.526	2	32	11.1	4.80	27.20	20.0	1.02	0.01408	0.0332	12.7
								5	29	11.5		24.20				0.0214	11.3
								15	25	12.2		20.20				0.0127	9.5
								45	22	12.7		17.20				0.0075	8.1
								120	19	13.2		14.20				0.0047	6.7
22PC-483.7-484.6-SC	12/17/04	30.9	0.934	109.75	102.53	331.65	2.503	2	34	10.7	4.80	29.20	20.0	1.03	0.01431	0.0331	9.1
								5	30	11.4		25.20				0.0216	7.8
								15	26	12.0		21.20				0.0128	6.6
								45	23	12.5		18.20				0.0075	5.7
								120	20	13.0		15.20				0.0047	4.7
22PC-484.6-488.8-SC	12/17/04	38.6	0.914	110.58	101.10	261.92	2.509	2	30	11.4	4.80	25.20	20.0	1.03	0.01431	0.0342	9.9
								5	27	11.9		22.20				0.0221	8.7
								15	24	12.4		19.20				0.0130	7.6
								45	21	12.9		16.20				0.0077	6.4
								120	19	13.2		14.20				0.0047	5.6
22PC-488.8-491.8-SC	12/17/04	57.1	0.953	108.67	103.57	181.51	2.512	2	38	10.1	4.80	33.20	20.0	1.03	0.01431	0.0322	18.8
								5	34	10.7		29.20				0.0209	16.6
								15	31	11.2		26.20				0.0124	14.9
								45	27	11.9		22.20				0.0074	12.6
								120	25	12.2		20.20				0.0046	11.5

Hydrometer Particle Size Analysis

Core grab samples from NC-EWDP-22PC with specific gravity passing No. 10 sieve

(Hydrometer number 57878, type 152H)

Sample Number	Test Date	Percent Passing No. 10 Sieve	HWC No. 10 Moisture Correction Factor	Sample Weight (g)	Oven-Dried Sample Weight (g)	Total Oven-Dried Sample Weight (g)	Specific Gravity (g/cm³)	Elapsed Time (min)	Hydrometer Reading	ASTM Depth	Composite Correction	Corrected Reading	Temperature (°C)	ASTM Alpha Correction	ASTM K Value	Largest Particle Passing (mm)	Percent Passing
22PC-492.1-493.8-SC	12/17/04	37.3	0.928	111.97	103.86	278.47	2.530	2	31	11.2	4.80	26.20	20.0	1.02	0.01408	0.0333	9.6
								5	28	11.7		23.20				0.0215	8.5
								15	25	12.2		20.20				0.0127	7.4
								45	21	12.9		16.20				0.0075	5.9
								120	19	13.2		14.20				0.0047	5.2
22PC-493.8-494.6-SC	12/17/04	45.1	0.921	107.54	99.04	219.69	2.530	2	39	9.9	4.80	34.20	20.0	1.02	0.01408	0.0313	15.9
								5	35	10.6		30.20				0.0205	14.0
								15	31	11.2		26.20				0.0122	12.2
								45	27	11.9		22.20				0.0072	10.3
								120	24	12.4		19.20				0.0045	8.9
22PC-494.6-497.2-SC	12/20/04	38.0	0.932	106.05	98.81	260.17	2.532	2	28	11.7	4.80	23.20	20.0	1.02	0.01408	0.0341	9.1
								5	25	12.2		20.20				0.0220	7.9
								15	23	12.5		18.20				0.0129	7.1
								45	19	13.2		14.20				0.0076	5.6
								120	17	13.5		12.20				0.0047	4.8
22PC-497.2-499.6-SC	12/20/04	39.9	0.913	108.34	98.94	247.95	2.511	2	28	11.7	4.80	23.20	20.0	1.03	0.01431	0.0346	9.6
								5	25	12.2		20.20				0.0224	8.4
								15	23	12.5		18.20				0.0131	7.6
								45	20	13.0		15.20				0.0077	6.3
								120	18	13.3		13.20				0.0048	5.5
22PC-499.6-501.4-SC	12/20/04	35.3	0.934	111.95	104.55	296.46	2.521	2	39	9.9	4.80	34.20	20.0	1.03	0.01431	0.0318	11.9
								5	36	10.4		31.20				0.0206	10.8
								15	33	10.9		28.20				0.0122	9.8
								45	29	11.5		24.20				0.0072	8.4
								120	26	12.0		21.20				0.0045	7.4
22PC-501.4-504.2-SC	12/20/04	37.2	0.965	112.45	108.56	291.89	2.520	2	46	8.8	4.80	41.20	20.0	1.03	0.01431	0.0300	14.5
								5	42	9.4		37.20				0.0196	13.1
								15	37	10.2		32.20				0.0118	11.4
								45	33	10.9		28.20				0.0070	10.0
								120	30	11.4		25.20				0.0044	8.9
22PC-504.5-505.0-SC	12/20/04	42.5	0.942	111.05	104.56	246.04	2.555	2	36	10.4	4.80	31.20	20.0	1.02	0.01408	0.0321	12.9
								5	32	11.1		27.20				0.0210	11.3
								15	29	11.5		24.20				0.0123	10.0
								45	25	12.2		20.20				0.0073	8.4
								120	23	12.5		18.20				0.0045	7.5
22PC-505.0-509.1-SC	12/20/04	43.5	0.934	110.28	102.99	236.90	2.510	2	29	11.5	4.80	24.20	20.0	1.03	0.01431	0.0343	10.5
								5	26	12.0		21.20				0.0222	9.2
								15	24	12.4		19.20				0.0130	8.3
								45	21	12.9		16.20				0.0077	7.0
								120	19	13.2		14.20				0.0047	6.2

Hydrometer Particle Size Analysis

Core grab samples from NC-EWDP-22PC with specific gravity passing No. 10 sieve

(Hydrometer number 57878, type 152H)

Sample Number	Test Date	Percent Passing No. 10 Sieve	HWC No. 10 Moisture Correction Factor	Sample Weight (g)	Oven-Dried Sample Weight (g)	Total Oven-Dried Sample Weight (g)	Specific Gravity (g/cm³)	Elapsed Time (min)	Hydrometer Reading	ASTM Depth	Composite Correction	Corrected Reading	Temperature (°C)	ASTM Alpha Correction	ASTM K Value	Largest Particle Passing (mm)	Percent Passing
22PC-509.1-509.4-SC	12/21/04	45.3	0.951	109.82	104.42	230.73	2.555	2	30	11.4	4.60	25.40	21.0	1.02	0.01391	0.0332	11.2
								5	27	11.9		22.40				0.0215	9.9
								15	24	12.4		19.40				0.0126	8.6
								45	20	13.0		15.40				0.0075	6.8
								120	18	13.3		13.40				0.0046	5.9
22PC-509.4-513.5-SC	12/21/04	39.8	0.916	107.11	98.06	246.08	2.517	2	25	12.2	4.60	20.40	21.0	1.03	0.01414	0.0349	8.5
								5	22	12.7		17.40				0.0225	7.3
								15	20	13.0		15.40				0.0132	6.4
								45	17	13.5		12.40				0.0077	5.2
								120	15	13.8		10.40				0.0048	4.4
22PC-513.5-516.2-SC	12/21/04	35.2	0.914	111.59	102.04	289.60	2.523	2	31	11.2	4.60	26.40	21.0	1.03	0.01414	0.0335	9.4
								5	28	11.7		23.40				0.0216	8.3
								15	26	12.0		21.40				0.0126	7.6
								45	23	12.5		18.40				0.0075	6.5
								120	20	13.0		15.40				0.0047	5.5
22PC-516.2-519.2-SC	12/21/04	39.9	0.950	109.98	104.52	262.15	2.535	2	27	11.9	4.60	22.40	21.0	1.02	0.01391	0.0339	8.7
								5	24	12.4		19.40				0.0219	7.5
								15	22	12.7		17.40				0.0128	6.8
								45	19	13.2		14.40				0.0075	5.6
								120	17	13.5		12.40				0.0047	4.8
22PC-520.4-521.1-SC	12/21/04	38.4	0.948	112.79	106.91	278.29	2.517	2	36	10.4	4.60	31.40	21.0	1.03	0.01414	0.0322	11.6
								5	33	10.9		28.40				0.0209	10.5
								15	29	11.5		24.40				0.0124	9.0
								45	25	12.2		20.40				0.0074	7.6
								120	22	12.7		17.40				0.0046	6.4
22PC-521.1-521.8-SC	12/21/04	43.2	0.952	110.71	105.41	243.89	2.530	2	25	12.2	4.60	20.40	21.0	1.02	0.01391	0.0344	8.5
								5	22	12.7		17.40				0.0222	7.3
								15	20	13.0		15.40				0.0129	6.4
								45	18	13.3		13.40				0.0076	5.6
								120	16	13.7		11.40				0.0047	4.8
22PC-521.8-522.7-SC	12/22/04	39.0	0.906	112.02	101.53	260.35	2.552	2	37	10.2	5.00	32.00	19.0	1.02	0.01425	0.0322	12.5
								5	34	10.7		29.00				0.0208	11.4
								15	31	11.2		26.00				0.0123	10.2
								45	27	11.9		22.00				0.0073	8.6
								120	24	12.4		19.00				0.0046	7.4
22PC-522.7-525.5-SC	12/22/04	35.3	0.944	113.92	107.58	304.70	2.530	2	31	11.2	5.00	26.00	19.0	1.02	0.01425	0.0337	8.7
								5	29	11.5		24.00				0.0216	8.0
								15	26	12.0		21.00				0.0127	7.0
								45	23	12.5		18.00				0.0075	6.0
								120	20	13.0		15.00				0.0047	5.0

Hydrometer Particle Size Analysis

Core grab samples from NC-EWDP-22PC with specific gravity passing No. 10 sieve

(Hydrometer number 57878, type 152H)

Sample Number	Test Date	Percent Passing No. 10 Sieve	HWC No. 10 Moisture Correction Factor	Sample Weight (g)	Oven-Dried Sample Weight (g)	Total Oven-Dried Sample Weight (g)	Specific Gravity (g/cm³)	Elapsed Time (min)	Hydrometer Reading	ASTM Depth	Composite Correction	Corrected Reading	Temperature (°C)	ASTM Alpha Correction	ASTM K Value	Largest Particle Passing (mm)	Percent Passing
22PC-525.5-526.5-SC	12/22/04	59.2	0.955	114.08	108.91	183.98	2.539	2	36	10.4	5.00	31.00	19.0	1.02	0.01425	0.0325	17.2
								5	33	10.9		28.00				0.0210	15.5
								15	30	11.4		25.00				0.0124	13.9
								45	26	12.0		21.00				0.0074	11.6
								120	23	12.5		18.00				0.0046	10.0
22PC-526.5-529.8-SC	12/22/04	45.7	0.960	107.69	103.36	226.13	2.542	2	33	10.9	5.00	28.00	19.0	1.02	0.01425	0.0333	12.6
								5	30	11.4		25.00				0.0215	11.3
								15	27	11.9		22.00				0.0127	9.9
								45	24	12.4		19.00				0.0075	8.6
								120	22	12.7		17.00				0.0046	7.7
22PC-529.8-531.3-SC	12/22/04	38.9	0.895	113.72	101.73	261.62	2.533	2	34	10.7	5.00	29.00	19.0	1.02	0.01425	0.0330	11.3
								5	31	11.2		26.00				0.0213	10.1
								15	29	11.5		24.00				0.0125	9.4
								45	26	12.0		21.00				0.0074	8.2
								120	24	12.4		19.00				0.0046	7.4
22PC-531.3-533.1-SC	12/22/04	47.3	0.957	110.14	105.40	222.75	2.523	2	33	10.9	5.00	28.00	19.0	1.03	0.01449	0.0338	12.9
								5	30	11.4		25.00				0.0219	11.6
								15	27	11.9		22.00				0.0129	10.2
								45	24	12.4		19.00				0.0076	8.8
								120	22	12.7		17.00				0.0047	7.9
22PC-533.1-534.1-SC	12/27/04	38.0	0.932	117.87	109.87	289.21	2.547	2	36	10.4	4.80	31.20	20.0	1.02	0.01408	0.0321	11.0
								5	32	11.1		27.20				0.0210	9.6
								15	29	11.5		24.20				0.0123	8.5
								45	26	12.0		21.43				0.0073	7.6
								120	23	12.5		18.20				0.0045	6.4
22PC-534.1-536.6-SC	12/27/04	44.8	0.918	115.88	106.42	237.61	2.541	2	24	12.4	4.80	19.20	20.0	1.02	0.01408	0.0351	8.2
								5	22	12.7		17.20				0.0224	7.4
								15	19	13.2		14.20				0.0132	6.1
								45	18	13.3		13.20				0.0077	5.7
								120	15	13.8		10.20				0.0048	4.4
22PC-536.6-537.8-SC	12/27/04	50.9	0.942	110.25	103.88	203.98	2.536	2	36	10.4	4.80	31.20	20.0	1.02	0.01408	0.0321	15.6
								5	33	10.9		28.20				0.0208	14.1
								15	30	11.4		25.20				0.0123	12.6
								45	26	12.0		21.20				0.0073	10.6
								120	23	12.5		18.20				0.0045	9.1
22PC-537.8-544.0-SC	12/27/04	45.3	0.930	113.24	105.30	232.66	2.540	2	29	11.5	4.80	24.20	20.0	1.02	0.01408	0.0338	10.6
								5	26	12.0		21.20				0.0218	9.3
								15	23	12.5		18.20				0.0129	8.0
								45	20	13.0		15.20				0.0076	6.7
								120	17	13.5		12.20				0.0047	5.3

Hydrometer Particle Size Analysis

Core grab samples from NC-EWDP-22PC with specific gravity passing No. 10 sieve

(Hydrometer number 57878, type 152H)

Sample Number	Test Date	Percent Passing No. 10 Sieve	HWC No. 10 Moisture Correction Factor	Sample Weight (g)	Oven-Dried Sample Weight (g)	Total Oven-Dried Sample Weight (g)	Specific Gravity (g/cm³)	Elapsed Time (min)	Hydrometer Reading	ASTM Depth	Composite Correction	Corrected Reading	Temperature (°C)	ASTM Alpha Correction	ASTM K Value	Largest Particle Passing (mm)	Percent Passing
22PC-544.2-546.7-SC	12/27/04	40.6	0.929	111.65	103.70	255.47	2.532	2	24	12.4	4.80	19.20	20.0	1.02	0.01408	0.0351	7.7
								5	21	12.9		16.20				0.0226	6.5
								15	19	13.2		14.20				0.0132	5.7
								45	17	13.5		12.20				0.0077	4.9
								120	15	13.8		10.20				0.0048	4.1
22PC-546.7-547.5-SC	12/27/04	64.0	0.965	116.96	112.89	176.32	2.536	2	19	13.2	4.80	14.20	20.0	1.02	0.01408	0.0362	8.2
								5	17	13.5		12.20				0.0231	7.1
								15	15	13.8		10.20				0.0135	5.9
								45	13	14.2		8.31				0.0079	4.8
								120	11	14.5		6.20				0.0049	3.6
22PC-547.5-549.5-SC	12/28/04	40.5	0.930	110.58	102.84	253.84	2.552	2	29	11.5	4.80	24.20	20.0	1.02	0.01408	0.0338	9.7
								5	27	11.9		22.20				0.0217	8.9
								15	23	12.5		18.20				0.0129	7.3
								45	20	13.0		15.20				0.0076	6.1
								120	18	13.3		13.20				0.0047	5.3
22PC-549.5-550.2-SC	12/28/04	55.3	0.942	116.83	110.09	198.97	2.552	2	27	11.9	4.80	22.20	20.0	1.02	0.01408	0.0343	11.4
								5	25	12.2		20.20				0.0220	10.4
								15	23	12.5		18.20				0.0129	9.3
								45	20	13.0		15.20				0.0076	7.8
								120	18	13.3		13.20				0.0047	6.8
22PC-550.2-552.8-SC	12/28/04	29.7	0.947	114.19	108.16	363.69	2.548	2	29	11.5	4.80	24.20	20.0	1.02	0.01408	0.0338	6.8
								5	26	12.0		21.20				0.0218	5.9
								15	24	12.4		19.20				0.0128	5.4
								45	20	13.0		15.20				0.0076	4.3
								120	19	13.2		14.20				0.0047	4.0
22PC-552.8-554.5-SC	12/28/04	46.7	0.948	85.92	81.44	174.51	2.549	2	27	11.9	4.80	22.20	20.0	1.02	0.01408	0.0343	13.0
								5	24	12.4		19.20				0.0222	11.2
								15	23	12.5		18.20				0.0129	10.6
								45	21	12.9		16.20				0.0075	9.5
								120	19	13.2		14.20				0.0047	8.3
22PC-554.5-560.2-SC	12/28/04	29.1	0.934	115.10	107.53	368.93	2.537	2	34	10.7	4.80	29.20	20.0	1.02	0.01408	0.0326	8.1
								5	31	11.2		26.20				0.0211	7.2
								15	29	11.5		24.20				0.0123	6.7
								45	24	12.4		19.20				0.0074	5.3
								120	21	12.9		16.20				0.0046	4.5
22PC-560.2-562.8-SC	12/28/04	29.6	0.917	112.37	103.05	347.73	2.519	2	28	11.7	4.80	23.20	20.0	1.03	0.01431	0.0346	6.9
								5	25	12.2		20.20				0.0224	6.0
								15	22	12.7		17.20				0.0132	5.1
								45	19	13.2		14.20				0.0078	4.2
								120	17	13.5		12.20				0.0048	3.6

Hydrometer Particle Size Analysis

Core grab samples from NC-EWDP-22PC with specific gravity passing No. 10 sieve

(Hydrometer number 57878, type 152H)

Sample Number	Test Date	Percent Passing No. 10 Sieve	HWC No. 10 Moisture Correction Factor	Sample Weight (g)	Oven-Dried Sample Weight (g)	Total Oven-Dried Sample Weight (g)	Specific Gravity (g/cm³)	Elapsed Time (min)	Hydrometer Reading	ASTM Depth	Composite Correction	Corrected Reading	Temperature (°C)	ASTM Alpha Correction	ASTM K Value	Largest Particle Passing (mm)	Percent Passing
22PC-562.8-565.4-SC	12/29/04	43.7	0.961	117.77	113.20	259.19	2.542	2	24	12.4	4.80	19.20	20.0	1.02	0.01408	0.0351	7.6
								5	21	12.9		16.20				0.0226	6.4
								15	19	13.2		14.20				0.0132	5.6
								45	16	13.7		11.20				0.0078	4.4
								120	14	14.0		9.20				0.0048	3.6
22PC-565.4-567.1-SC	12/29/04	27.3	0.941	76.27	71.78	262.71	2.537	2	23	12.5	4.80	18.20	20.0	1.02	0.01408	0.0352	7.1
								5	20	13.0		15.20				0.0227	5.9
								15	19	13.2		14.20				0.0132	5.5
								45	17	13.5		12.20				0.0077	4.7
								120	15	13.8		10.20				0.0048	4.0
22PC-567.1-568.1-SC	12/29/04	46.6	0.939	114.04	107.09	229.85	2.529	2	45	8.9	4.80	40.20	20.0	1.02	0.01408	0.0297	17.8
								5	40	9.7		35.20				0.0196	15.6
								15	36	10.4		31.20				0.0117	13.8
								45	32	11.1		27.20				0.0070	12.1
								120	29	11.5		24.20				0.0044	10.7
22PC-568.1-569.9-SC	12/29/04	25.8	0.922	112.14	103.42	401.39	2.514	2	27	11.9	4.80	22.20	20.0	1.03	0.01431	0.0349	5.7
								5	23	12.5		18.20				0.0226	4.7
								15	20	13.0		15.20				0.0133	3.9
								45	17	13.5		12.20				0.0078	3.1
								120	15	13.8		10.20				0.0049	2.6
22PC-569.9-571.3-SC	12/29/04	44.4	0.933	116.67	108.91	245.51	2.540	2	24	12.4	4.80	19.20	20.0	1.02	0.01408	0.0351	8.0
								5	21	12.9		16.20				0.0226	6.7
								15	19	13.2		14.20				0.0132	5.9
								45	17	13.5		12.20				0.0077	5.1
								120	14	14.0		9.20				0.0048	3.8
22PC-571.3-578.1-SC	12/29/04	38.5	0.922	117.43	108.25	280.94	2.535	2	33	10.9	4.80	28.20	20.0	1.02	0.01408	0.0329	10.2
								5	29	11.5		24.20				0.0214	8.8
								15	26	12.0		21.20				0.0126	7.7
								45	22	12.7		17.20				0.0075	6.2
								120	19	13.2		14.20				0.0047	5.2
22PC-578.1-578.6-SC	12/30/04	39.9	0.945	109.54	103.46	259.08	2.546	2	28	11.7	4.80	23.20	20.0	1.02	0.01408	0.0341	9.1
								5	25	12.2		20.20				0.0220	8.0
								15	22	12.7		17.20				0.0130	6.8
								45	20	13.0		15.20				0.0076	6.0
								120	17	13.5		12.20				0.0047	4.8
22PC-578.6-582.8-SC	12/30/04	43.8	0.928	114.77	106.56	243.18	2.531	2	25	12.2	4.80	20.20	20.0	1.02	0.01408	0.0348	8.5
								5	21	12.9		16.20				0.0226	6.8
								15	19	13.2		14.20				0.0132	6.0
								45	16	13.7		11.20				0.0078	4.7
								120	14	14.0		9.20				0.0048	3.9

Hydrometer Particle Size Analysis

Core grab samples from NC-EWDP-22PC with specific gravity passing No. 10 sieve

(Hydrometer number 57878, type 152H)

Sample Number	Test Date	Percent Passing No. 10 Sieve	HWC No. 10 Moisture Correction Factor	Sample Weight (g)	Oven-Dried Sample Weight (g)	Total Oven-Dried Sample Weight (g)	Specific Gravity (g/cm³)	Elapsed Time (min)	Hydrometer Reading	ASTM Depth	Composite Correction	Corrected Reading	Temperature (°C)	ASTM Alpha Correction	ASTM K Value	Largest Particle Passing (mm)	Percent Passing
22PC-582.8-585.3-SC	12/30/04	31.6	0.934	110.17	102.87	325.32	2.535	2	30	11.4	4.80	25.20	20.0	1.02	0.01408	0.0336	7.9
								5	27	11.9		22.20				0.0217	7.0
								15	24	12.4		19.20				0.0128	6.0
								45	21	12.9		16.20				0.0075	5.1
								120	19	13.2		14.20				0.0047	4.5
22PC-585.3-586.2-SC	12/30/04	34.8	0.944	116.53	109.99	315.90	2.523	2	40	9.7	4.80	35.20	20.0	1.03	0.01431	0.0315	11.5
								5	36	10.4		31.20				0.0206	10.2
								15	32	11.1		27.20				0.0123	8.9
								45	28	11.7		23.20				0.0073	7.6
								120	25	12.2		20.20				0.0046	6.6
22PC-586.2-587.0-SC	12/30/04	39.7	0.936	113.43	106.19	267.18	2.537	2	30	11.4	4.80	25.20	20.0	1.02	0.01408	0.0336	9.6
								5	27	11.9		22.20				0.0217	8.5
								15	24	12.4		19.20				0.0128	7.3
								45	21	12.9		16.20				0.0075	6.2
								120	18	13.3		13.20				0.0047	5.0
22PC-587.0-587.8-SC	12/30/04	49.2	0.941	115.15	108.35	220.38	2.544	2	52	7.8	4.80	47.20	20.0	1.02	0.01408	0.0278	21.8
								5	47	8.6		42.20				0.0185	19.5
								15	42	9.4		37.20				0.0111	17.2
								45	37	10.2		32.20				0.0067	14.9
								120	33	10.9		28.20				0.0042	13.1
22PC-587.8-594.5-SC	1/3/05	47.1	0.902	111.62	100.67	213.76	2.538	2	32	11.1	5.00	27.00	19.0	1.02	0.01425	0.0336	12.9
								5	28	11.7		23.00				0.0218	11.0
								15	24	12.4		19.00				0.0130	9.1
								45	21	12.9		16.00				0.0076	7.6
								120	18	13.3		13.00				0.0047	6.2
22PC-594.5-595.0-SC	1/3/05	45.1	0.948	110.33	104.59	231.98	2.533	2	39	9.9	5.00	34.00	19.0	1.02	0.01425	0.0317	14.9
								5	36	10.4		31.00				0.0206	13.6
								15	33	10.9		28.00				0.0121	12.3
								45	29	11.5		24.00				0.0072	10.6
								120	26	12.0		21.00				0.0045	9.2
22PC-595.0-595.7-SC	1/3/05	31.1	0.941	98.39	92.62	298.27	2.520	2	31	11.2	5.00	26.00	19.0	1.03	0.01449	0.0343	9.0
								5	28	11.7		23.00				0.0222	7.9
								15	25	12.2		20.00				0.0131	6.9
								45	22	12.7		17.00				0.0077	5.9
								120	19	13.2		14.00				0.0048	4.8
22PC-595.7-597.3-SC	1/3/05	39.3	0.926	113.94	105.54	268.21	2.523	2	28	11.7	5.00	23.00	19.0	1.03	0.01449	0.0350	8.8
								5	25	12.2		20.00				0.0226	7.7
								15	22	12.7		17.00				0.0133	6.5
								45	19	13.2		14.00				0.0078	5.4
								120	17	13.5		12.00				0.0049	4.6

Hydrometer Particle Size Analysis

Core grab samples from NC-EWDP-22PC with specific gravity passing No. 10 sieve

(Hydrometer number 57878, type 152H)

Sample Number	Test Date	Percent Passing No. 10 Sieve	HWC No. 10 Moisture Correction Factor	Sample Weight (g)	Oven-Dried Sample Weight (g)	Total Oven-Dried Sample Weight (g)	Specific Gravity (g/cm³)	Elapsed Time (min)	Hydrometer Reading	ASTM Depth	Composite Correction	Corrected Reading	Temperature (°C)	ASTM Alpha Correction	ASTM K Value	Largest Particle Passing (mm)	Percent Passing
22PC-597.3-599.6-SC	1/3/05	34.4	0.929	110.99	103.10	299.69	2.529	2	31	11.2	5.00	26.00	19.0	1.02	0.01425	0.0337	8.8
								5	27	11.9		22.00				0.0220	7.5
								15	24	12.4		19.00				0.0130	6.5
								45	21	12.9		16.00				0.0076	5.4
								120	19	13.2		14.00				0.0047	4.8
22PC-599.6-600.3-SC	1/3/05	38.8	0.922	114.85	105.93	272.77	2.532	2	22	12.7	5.00	17.00	19.0	1.02	0.01425	0.0359	6.4
								5	19	13.2		14.00				0.0232	5.2
								15	17	13.5		12.00				0.0135	4.5
								45	16	13.7		11.00				0.0079	4.1
								120	14	14.0		9.00				0.0049	3.4
22PC-600.3-601.9-SC	1/4/05	42.2	0.930	116.60	108.48	257.35	2.554	2	30	11.4	5.00	25.00	19.0	1.02	0.01425	0.0340	9.9
								5	27	11.9		22.00				0.0220	8.7
								15	24	12.4		19.00				0.0130	7.5
								45	21	12.9		16.00				0.0076	6.3
								120	19	13.2		14.00				0.0047	5.5
22PC-601.9-604.1-SC	1/4/05	40.3	0.914	110.99	101.45	251.49	2.538	2	31	11.2	5.00	26.00	19.0	1.02	0.01425	0.0337	10.5
								5	28	11.7		23.00				0.0218	9.3
								15	25	12.2		20.00				0.0129	8.1
								45	22	12.7		17.00				0.0076	6.9
								120	19	13.2		14.00				0.0047	5.7
22PC-604.1-604.7-SC	1/4/05	50.1	0.916	115.83	106.14	211.96	2.537	2	27	11.9	5.00	22.00	19.0	1.02	0.01425	0.0348	10.6
								5	24	12.4		19.00				0.0224	9.1
								15	21	12.9		16.00				0.0132	7.7
								45	19	13.2		14.00				0.0077	6.7
								120	17	13.5		12.00				0.0048	5.8
22PC-604.7-606.3-SC	1/4/05	44.6	0.946	113.23	107.06	240.32	2.562	2	39	9.9	5.00	34.00	19.0	1.02	0.01425	0.0317	14.4
								5	35	10.6		30.00				0.0207	12.7
								15	31	11.2		26.00				0.0123	11.0
								45	28	11.7		23.00				0.0073	9.8
								120	25	12.2		20.00				0.0045	8.5
22PC-606.6-609.3-SC	1/4/05	50.4	0.923	116.14	107.18	212.60	2.539	2	29	11.5	5.00	24.00	19.0	1.02	0.01425	0.0342	11.5
								5	26	12.0		21.00				0.0221	10.1
								15	23	12.5		18.00				0.0130	8.6
								45	20	13.0		15.00				0.0077	7.2
								120	17	13.5		12.00				0.0048	5.8
22PC-609.3-610.1-SC	1/4/05	33.2	0.927	116.91	108.43	326.43	2.492	2	32	11.1	5.00	27.00	19.0	1.03	0.01449	0.0341	8.5
								5	29	11.5		24.00				0.0220	7.6
								15	26	12.0		21.00				0.0130	6.6
								45	23	12.5		18.00				0.0076	5.7
								120	20	13.0		15.00				0.0048	4.7

Hydrometer Particle Size Analysis

Core grab samples from NC-EWDP-22PC with specific gravity passing No. 10 sieve

(Hydrometer number 57878, type 152H)

Sample Number	Test Date	Percent Passing No. 10 Sieve	HWC No. 10 Moisture Correction Factor	Sample Weight (g)	Oven-Dried Sample Weight (g)	Total Oven-Dried Sample Weight (g)	Specific Gravity (g/cm³)	Elapsed Time (min)	Hydrometer Reading	ASTM Depth	Composite Correction	Corrected Reading	Temperature (°C)	ASTM Alpha Correction	ASTM K Value	Largest Particle Passing (mm)	Percent Passing
22PC-610.1-611.8-SC	1/5/05	35.2	0.940	116.41	109.43	310.45	2.566	2	36	10.4	4.80	31.20	20.0	1.02	0.01408	0.0321	10.3
								5	32	11.1		27.20				0.0210	8.9
								15	29	11.5		24.20				0.0123	8.0
								45	25	12.2		20.20				0.0073	6.6
								120	22	12.7		17.20				0.0046	5.7
22PC-611.8-613.6-SC	1/5/05	42.9	0.918	117.01	107.42	250.48	2.556	2	38	10.1	4.80	33.20	20.0	1.02	0.01408	0.0316	13.5
								5	34	10.7		29.20				0.0206	11.9
								15	30	11.4		25.20				0.0123	10.3
								45	25	12.2		20.20				0.0073	8.2
								120	22	12.7		17.20				0.0046	7.0
22PC-613.6-615.4-SC	1/5/05	42.8	0.936	115.56	108.19	252.91	2.547	2	29	11.5	4.80	24.20	20.0	1.02	0.01408	0.0338	9.8
								5	25	12.2		20.20				0.0220	8.1
								15	22	12.7		17.20				0.0130	6.9
								45	19	13.2		14.20				0.0076	5.7
								120	17	13.5		12.20				0.0047	4.9
22PC-615.5-618.5-SC	1/5/05	47.5	0.939	118.35	111.14	233.99	2.551	2	27	11.9	4.80	22.20	20.0	1.02	0.01408	0.0343	9.7
								5	23	12.5		18.20				0.0223	7.9
								15	20	13.0		15.20				0.0131	6.6
								45	18	13.3		13.20				0.0077	5.8
								120	16	13.7		11.20				0.0048	4.9
22PC-618.5-620.0-SC	1/5/05	39.8	0.952	114.95	109.45	274.86	2.565	2	26	12.0	4.80	21.20	20.0	1.02	0.01408	0.0345	7.9
								5	23	12.5		18.20				0.0223	6.8
								15	20	13.0		15.20				0.0131	5.6
								45	18	13.3		13.20				0.0077	4.9
								120	16	13.7		11.20				0.0048	4.2
22PC-620.0-621.1-SC	1/5/05	50.4	0.951	118.21	112.45	223.15	2.530	2	21	12.9	4.80	16.20	20.0	1.02	0.01408	0.0358	7.4
								5	19	13.2		14.20				0.0229	6.5
								15	16	13.7		11.20				0.0135	5.1
								45	14	14.0		9.20				0.0079	4.2
								120	13	14.2		8.20				0.0048	3.7
22PC-621.1-623.0-SC	1/6/05	29.6	0.936	115.95	108.58	366.85	2.559	2	27	11.9	5.00	22.00	19.0	1.02	0.01425	0.0348	6.1
								5	24	12.4		19.00				0.0224	5.3
								15	22	12.7		17.00				0.0131	4.7
								45	19	13.2		14.00				0.0077	3.9
								120	17	13.5		12.00				0.0048	3.3
22PC-623.0-623.7-SC	1/6/05	35.0	0.923	117.63	108.58	310.55	2.550	2	44	9.1	5.00	39.00	19.0	1.02	0.01425	0.0304	12.8
								5	40	9.7		35.00				0.0198	11.5
								15	36	10.4		31.00				0.0119	10.2
								45	31	11.2		26.00				0.0071	8.5
								120	28	11.7		23.00				0.0044	7.6

Hydrometer Particle Size Analysis

Core grab samples from NC-EWDP-22PC with specific gravity passing No. 10 sieve

(Hydrometer number 57878, type 152H)

Sample Number	Test Date	Percent Passing No. 10 Sieve	HWC No. 10 Moisture Correction Factor	Sample Weight (g)	Oven-Dried Sample Weight (g)	Total Oven-Dried Sample Weight (g)	Specific Gravity (g/cm³)	Elapsed Time (min)	Hydrometer Reading	ASTM Depth	Composite Correction	Corrected Reading	Temperature (°C)	ASTM Alpha Correction	ASTM K Value	Largest Particle Passing (mm)	Percent Passing
22PC-625.2-629.1-SC	1/6/05	44.3	0.959	106.15	101.78	229.63	2.548	2	39	9.9	5.00	34.00	19.0	1.02	0.01425	0.0317	15.1
								5	35	10.6		30.00				0.0207	13.3
								15	31	11.2		26.00				0.0123	11.5
								45	28	11.7		23.00				0.0073	10.2
								120	25	12.2		20.00				0.0045	8.9
22PC-629.1-629.7-SC	1/6/05	49.7	0.942	117.83	111.00	223.12	2.557	2	37	10.2	4.80	32.20	20.0	1.02	0.01408	0.0318	14.7
								5	34	10.7		29.20				0.0206	13.3
								15	30	11.4		25.20				0.0123	11.5
								45	26	12.0		21.20				0.0073	9.7
								120	24	12.4		19.20				0.0045	8.8
22PC-629.7-631.0-SC	1/6/05	57.0	0.954	113.97	108.72	190.74	2.556	2	32	11.1	4.80	27.20	20.0	1.02	0.01408	0.0332	14.5
								5	29	11.5		24.20				0.0214	12.9
								15	26	12.0		21.20				0.0126	11.3
								45	23	12.5		18.20				0.0074	9.7
								120	21	12.9		16.20				0.0046	8.7
22PC-631.0-631.9-SC	1/6/05	47.1	0.933	116.84	108.97	231.24	2.540	2	40	9.7	4.80	35.20	20.0	1.02	0.01408	0.0310	15.5
								5	36	10.4		31.20				0.0203	13.8
								15	32	11.1		27.20				0.0121	12.0
								45	28	11.7		23.20				0.0072	10.2
								120	25	12.2		20.20				0.0045	8.9
22PC-632.1-634.1-SC	1/7/05	48.4	0.962	114.67	110.34	227.82	2.551	2	39	9.9	4.80	34.20	20.0	1.02	0.01408	0.0313	15.3
								5	35	10.6		30.20				0.0205	13.5
								15	32	11.1		27.20				0.0121	12.2
								45	28	11.7		23.20				0.0072	10.4
								120	26	12.0		21.20				0.0045	9.5
22PC-634.1-635.8-SC	1/7/05	50.5	0.955	114.44	109.32	216.38	2.529	2	42	9.4	4.80	37.20	20.0	1.02	0.01408	0.0305	17.5
								5	38	10.1		33.20				0.0200	15.7
								15	34	10.7		29.20				0.0119	13.8
								45	31	11.2		26.20				0.0070	12.4
								120	28	11.7		23.20				0.0044	10.9
22PC-636.1-637.7-SC	1/7/05	44.1	0.947	113.18	107.14	242.72	2.552	2	54	7.4	4.80	49.20	20.0	1.02	0.01408	0.0271	20.7
								5	49	8.3		44.20				0.0181	18.6
								15	44	9.1		39.20				0.0110	16.5
								45	38	10.1		33.20				0.0067	14.0
								120	33	10.9		28.20				0.0042	11.9
22PC-637.7-639.1-SC	1/7/05	56.2	0.948	110.62	104.83	186.47	2.540	2	40	9.7	4.80	35.20	20.0	1.02	0.01408	0.0310	19.3
								5	36	10.4		31.20				0.0203	17.1
								15	32	11.1		27.20				0.0121	14.9
								45	28	11.7		23.20				0.0072	12.7
								120	25	12.2		20.20				0.0045	11.0

Hydrometer Particle Size Analysis

Core grab samples from NC-EWDP-22PC with specific gravity passing No. 10 sieve

(Hydrometer number 57878, type 152H)

Sample Number	Test Date	Percent Passing No. 10 Sieve	HWC No. 10 Moisture Correction Factor	Sample Weight (g)	Oven-Dried Sample Weight (g)	Total Oven-Dried Sample Weight (g)	Specific Gravity (g/cm³)	Elapsed Time (min)	Hydrometer Reading	ASTM Depth	Composite Correction	Corrected Reading	Temperature (°C)	ASTM Alpha Correction	ASTM K Value	Largest Particle Passing (mm)	Percent Passing
22PC-639.1-641.3-SC	1/7/05	58.0	0.953	116.15	110.64	190.88	2.542	2	44	9.1	4.80	39.20	20.0	1.02	0.01408	0.0300	20.9
								5	40	9.7		35.20				0.0196	18.8
								15	35	10.6		30.20				0.0118	16.1
								45	31	11.2		26.20				0.0070	14.0
								120	28	11.7		23.20				0.0044	12.4
22PC-641.6-642.1-SC	1/7/05	70.8	0.957	112.49	107.61	151.96	2.525	2	48	8.4	4.80	43.20	20.0	1.03	0.01431	0.0293	29.3
								5	43	9.2		38.20				0.0194	25.9
								15	38	10.1		33.20				0.0117	22.5
								45	33	10.9		28.20				0.0070	19.1
								120	30	11.4		25.20				0.0044	17.1
22PC-642.1-645.0-SC	1/10/05	45.9	0.944	114.87	108.44	236.38	2.528	2	34	10.7	4.60	29.40	21.0	1.02	0.01391	0.0322	12.7
								5	30	11.4		25.40				0.0210	11.0
								15	27	11.9		22.40				0.0124	9.7
								45	24	12.2		19.40				0.0072	8.4
								120	21	12.9		16.40				0.0046	7.1
22PC-645.0-646.8-SC	1/10/05	54.0	0.953	112.75	107.48	199.04	2.506	2	45	8.9	4.60	40.40	21.0	1.03	0.01414	0.0298	20.9
								5	41	9.6		36.40				0.0196	18.8
								15	37	10.2		32.40				0.0117	16.8
								45	33	10.9		28.40				0.0070	14.7
								120	29	11.9		24.40				0.0045	12.6
22PC-646.8-648.4-SC	1/10/05	63.9	0.972	119.14	115.85	181.42	2.523	2	38	10.1	4.60	33.40	21.0	1.03	0.01414	0.0318	19.0
								5	34	10.7		29.40				0.0207	16.7
								15	31	11.2		26.40				0.0122	15.0
								45	27	11.9		22.40				0.0073	12.7
								120	23	12.5		18.40				0.0046	10.4
22PC-648.4-651.6-SC	1/10/05	58.9	0.957	117.67	112.59	191.30	2.520	2	30	11.4	4.60	25.40	21.0	1.03	0.01414	0.0338	13.7
								5	28	11.7		23.40				0.0216	12.6
								15	25	12.2		20.40				0.0128	11.0
								45	23	12.5		18.40				0.0075	9.9
								120	21	12.9		16.40				0.0046	8.8
22PC-651.6-652.8-SC	1/10/05	48.8	0.958	116.10	111.20	228.00	2.501	2	37	10.2	4.60	32.40	21.0	1.03	0.01414	0.0319	14.6
								5	33	10.9		28.40				0.0209	12.8
								15	30	11.4		25.40				0.0123	11.5
								45	27	11.9		22.40				0.0073	10.1
								120	24	12.4		19.40				0.0045	8.8
22PC-652.8-655.6-SC	1/10/05	54.7	0.959	117.92	113.13	206.96	2.520	2	46	8.8	4.60	41.40	21.0	1.03	0.01414	0.0297	20.6
								5	42	9.4		37.40				0.0194	18.6
								15	38	10.1		33.40				0.0116	16.6
								45	34	10.7		29.40				0.0069	14.6
								120	31	11.2		26.40				0.0043	13.1

Hydrometer Particle Size Analysis

Core grab samples from NC-EWDP-22PC with specific gravity passing No. 10 sieve

(Hydrometer number 57878, type 152H)

Sample Number	Test Date	Percent Passing No. 10 Sieve	HWC No. 10 Moisture Correction Factor	Sample Weight (g)	Oven-Dried Sample Weight (g)	Total Oven-Dried Sample Weight (g)	Specific Gravity (g/cm³)	Elapsed Time (min)	Hydrometer Reading	ASTM Depth	Composite Correction	Corrected Reading	Temperature (°C)	ASTM Alpha Correction	ASTM K Value	Largest Particle Passing (mm)	Percent Passing
22PC-655.6-656.8-SC	1/11/05	60.6	0.964	114.54	110.42	182.29	2.541	2	49	8.3	5.00	44.00	19.0	1.02	0.01945	0.0396	24.6
								5	44	9.1		39.00				0.0262	21.8
								15	40	9.7		35.00				0.0156	19.6
								45	35	10.6		30.00				0.0094	16.8
								120	31	11.2		26.00				0.0059	14.5
22PC-656.8-658.3-SC	1/11/05	43.2	0.940	114.23	107.41	248.80	2.528	2	39	9.9	5.00	34.00	19.0	1.02	0.01945	0.0433	13.9
								5	35	10.6		30.00				0.0283	12.3
								15	31	11.2		26.00				0.0168	10.7
								45	29	11.5		24.00				0.0098	9.8
								120	25	12.2		20.00				0.0062	8.2
22PC-658.3-659.5-SC	1/11/05	59.0	0.965	115.18	111.15	188.35	2.554	2	32	11.1	5.00	27.00	19.0	1.02	0.01945	0.0458	14.6
								5	29	11.5		24.00				0.0295	13.0
								15	26	12.0		21.00				0.0174	11.4
								45	23	12.5		18.00				0.0103	9.7
								120	20	13.0		15.00				0.0064	8.1
22PC-659.5-661.2-SC	1/11/05	41.1	0.949	118.42	112.34	273.41	2.539	2	38	10.1	5.00	33.00	19.0	1.02	0.01945	0.0437	12.3
								5	34	10.7		29.00				0.0285	10.8
								15	31	11.2		26.00				0.0168	9.7
								45	27	11.9		22.00				0.0100	8.2
								120	24	12.4		19.00				0.0063	7.1
22PC-661.2-663.3-SC	1/11/05	44.7	0.927	116.29	107.79	240.93	2.533	2	30	11.4	5.00	25.00	19.0	1.02	0.01945	0.0464	10.6
								5	26	12.0		21.00				0.0301	8.9
								15	23	12.5		18.00				0.0178	7.6
								45	20	13.0		15.00				0.0105	6.4
								120	18	13.3		13.00				0.0065	5.5
22PC-663.3-666.2-SC	1/11/05	50.5	0.921	115.23	106.10	210.27	2.536	2	36	10.4	5.00	31.00	19.0	1.02	0.01945	0.0444	15.0
								5	33	10.9		28.00				0.0287	13.6
								15	29	11.5		24.00				0.0170	11.6
								45	25	12.2		20.00				0.0101	9.7
								120	23	12.5		18.00				0.0063	8.7
22PC-666.2-668.0-SC	1/12/05	45.3	0.948	116.66	110.55	243.96	2.511	2	50	8.1	5.00	45.00	19.0	1.03	0.01449	0.0292	19.0
								5	45	8.9		40.00				0.0193	16.9
								15	41	9.6		36.00				0.0116	15.2
								45	36	10.4		31.00				0.0070	13.1
								120	31	11.2		26.00				0.0044	11.0
22PC-668.0-670.7-SC	1/12/05	54.8	0.933	111.95	104.40	190.58	2.478	2	45	8.9	5.00	40.00	19.0	1.03	0.01449	0.0306	21.6
								5	41	9.6		36.00				0.0201	19.5
								15	36	10.4		31.00				0.0121	16.8
								45	32	11.1		27.00				0.0072	14.6
								120	28	11.7		23.00				0.0045	12.4

Hydrometer Particle Size Analysis

Core grab samples from NC-EWDP-22PC with specific gravity passing No. 10 sieve

(Hydrometer number 57878, type 152H)

Sample Number	Test Date	Percent Passing No. 10 Sieve	HWC No. 10 Moisture Correction Factor	Sample Weight (g)	Oven-Dried Sample Weight (g)	Total Oven-Dried Sample Weight (g)	Specific Gravity (g/cm³)	Elapsed Time (min)	Hydrometer Reading	ASTM Depth	Composite Correction	Corrected Reading	Temperature (°C)	ASTM Alpha Correction	ASTM K Value	Largest Particle Passing (mm)	Percent Passing
22PC-670.7-673.2-SC	1/12/05	52.0	0.945	118.57	112.02	215.58	2.487	2	52	7.8	5.00	47.00	19.0	1.03	0.01449	0.0286	22.5
								5	47	8.6		42.00				0.0190	20.1
								15	42	9.4		37.00				0.0115	17.7
								45	37	10.2		32.00				0.0069	15.3
								120	32	11.1		27.00				0.0044	12.9
22PC-673.9-675.3-SC	1/12/05	47.5	0.952	117.52	111.91	235.65	2.481	2	29	11.5	4.80	24.20	20.0	1.03	0.01431	0.0343	10.6
								5	26	12.0		21.20				0.0222	9.3
								15	23	12.5		18.20				0.0131	8.0
								45	20	13.0		15.20				0.0077	6.6
								120	18	13.3		13.20				0.0048	5.8
22PC-675.3-677.3-SC	1/12/05	48.8	0.959	118.65	113.76	233.27	2.491	2	46	8.8	4.80	41.20	20.0	1.03	0.01431	0.0300	18.2
								5	42	9.4		37.20				0.0196	16.4
								15	37	10.2		32.20				0.0118	14.2
								45	33	10.9		28.20				0.0070	12.5
								120	30	11.4		25.20				0.0044	11.1
22PC-678.1-679.4-SC	1/12/05	53.7	0.948	117.38	111.32	207.21	2.488	2	30	11.4	4.80	25.20	20.0	1.03	0.01431	0.0342	12.5
								5	26	12.0		21.20				0.0222	10.5
								15	23	12.5		18.20				0.0131	9.0
								45	19	13.2		14.20				0.0078	7.1
								120	17	13.5		12.20				0.0048	6.1
22PC-679.4-684.2-SC	1/17/05	27.4	0.939	113.19	106.33	387.54	2.543	2	33	10.9	4.80	28.20	20.0	1.02	0.01408	0.0329	7.4
								5	30	11.4		25.20				0.0213	6.6
								15	26	12.0		21.20				0.0126	5.6
								45	22	12.7		17.20				0.0075	4.5
								120	20	13.0		15.20				0.0046	4.0
22PC-684.2-686.9-SC	1/17/05	51.2	0.954	117.56	112.14	219.08	2.538	2	34	10.7	4.80	29.20	20.0	1.02	0.01408	0.0326	13.6
								5	30	11.4		25.20				0.0213	11.7
								15	26	12.0		21.20				0.0126	9.9
								45	23	12.5		18.20				0.0074	8.5
								120	20	13.0		15.20				0.0046	7.1
22PC-686.9-687.4-SC	1/17/05	41.6	0.953	111.83	106.55	255.86	2.536	2	38	10.1	4.80	33.20	20.0	1.02	0.01408	0.0316	13.2
								5	34	10.7		29.20				0.0206	11.6
								15	31	11.2		26.20				0.0122	10.4
								45	27	11.9		22.20				0.0072	8.9
								120	24	12.4		19.20				0.0045	7.7
22PC-688.1-689.3-SC	1/17/05	51.7	0.932	115.53	107.66	208.41	2.552	2	32	11.1	4.60	27.40	21.0	1.02	0.01391	0.0328	13.4
								5	29	11.5		24.40				0.0211	11.9
								15	25	12.2		20.40				0.0125	10.0
								45	22	12.7		17.40				0.0074	8.5
								120	20	13.0		15.40				0.0046	7.5

Hydrometer Particle Size Analysis

Core grab samples from NC-EWDP-22PC with specific gravity passing No. 10 sieve

(Hydrometer number 57878, type 152H)

Sample Number	Test Date	Percent Passing No. 10 Sieve	HWC No. 10 Moisture Correction Factor	Sample Weight (g)	Oven-Dried Sample Weight (g)	Total Oven-Dried Sample Weight (g)	Specific Gravity (g/cm³)	Elapsed Time (min)	Hydrometer Reading	ASTM Depth	Composite Correction	Corrected Reading	Temperature (°C)	ASTM Alpha Correction	ASTM K Value	Largest Particle Passing (mm)	Percent Passing
22PC-689.3-690.1-SC	1/17/05	57.1	0.945	116.92	110.53	193.55	2.548	2	39	9.9	4.60	34.40	21.0	1.02	0.01391	0.0309	18.1
								5	35	10.6		30.40				0.0203	16.0
								15	31	11.2		26.40				0.0120	13.9
								45	28	11.7		23.40				0.0071	12.3
								120	25	12.2		20.40				0.0044	10.8
22PC-690.3-691.9-SC	1/17/05	48.4	0.925	112.19	103.80	214.34	2.523	2	30	11.4	4.60	25.40	21.0	1.03	0.01414	0.0338	12.2
								5	27	11.9		22.40				0.0218	10.8
								15	24	12.4		19.40				0.0129	9.3
								45	20	13.0		15.40				0.0076	7.4
								120	18	13.3		13.40				0.0047	6.4
22PC-691.9-692.7-SC	1/18/05	45.0	0.933	112.35	104.78	233.02	2.456	2	31	11.2	4.80	26.20	20.0	1.05	0.01456	0.0345	11.8
								5	27	11.9		22.20				0.0225	10.0
								15	24	12.4		19.20				0.0132	8.7
								45	21	12.9		16.20				0.0078	7.3
								120	19	13.2		14.20				0.0048	6.4
22PC-692.7-696.1-SC	1/18/05	36.8	0.935	111.55	104.33	283.66	2.444	2	36	10.4	4.80	31.20	20.0	1.05	0.01456	0.0332	11.5
								5	33	10.9		28.20				0.0215	10.4
								15	29	11.5		24.20				0.0127	9.0
								45	25	12.2		20.20				0.0076	7.5
								120	23	12.5		18.20				0.0047	6.7
22PC-696.1-699.2-SC	1/18/05	41.5	0.937	116.63	109.27	263.03	2.455	2	42	9.4	4.80	37.20	20.0	1.05	0.01456	0.0316	14.9
								5	38	10.1		33.20				0.0207	13.3
								15	34	10.7		29.20				0.0123	11.7
								45	30	11.4		25.20				0.0073	10.1
								120	27	11.9		22.20				0.0046	8.9
22PC-699.2-699.8-SC	1/18/05	53.6	0.915	114.55	104.77	195.62	2.451	2	37	10.2	4.80	32.20	20.0	1.05	0.01456	0.0329	17.3
								5	33	10.9		28.20				0.0215	15.1
								15	29	11.5		24.20				0.0127	13.0
								45	26	12.0		21.20				0.0075	11.4
								120	23	12.5		18.20				0.0047	9.8
22PC-699.8-701.0-SC	1/18/05	45.2	0.916	113.93	104.34	230.99	2.445	2	34	10.7	4.80	29.20	20.0	1.05	0.01456	0.0337	13.3
								5	30	11.4		25.20				0.0220	11.5
								15	27	11.9		22.20				0.0130	10.1
								45	24	12.4		19.20				0.0076	8.7
								120	21	12.9		16.20				0.0048	7.4
22PC-701.0-703.4-SC	1/18/05	52.0	0.898	117.16	105.23	202.30	2.452	2	43	9.2	4.80	38.20	20.0	1.05	0.01456	0.0312	19.8
								5	39	9.9		34.20				0.0205	17.8
								15	36	10.4		31.20				0.0121	16.2
								45	31	11.2		26.20				0.0073	13.6
								120	27	11.9		22.20				0.0046	11.5

Hydrometer Particle Size Analysis

Core grab samples from NC-EWDP-22PC with specific gravity passing No. 10 sieve

(Hydrometer number 57878, type 152H)

Sample Number	Test Date	Percent Passing No. 10 Sieve	HWC No. 10 Moisture Correction Factor	Sample Weight (g)	Oven-Dried Sample Weight (g)	Total Oven-Dried Sample Weight (g)	Specific Gravity (g/cm³)	Elapsed Time (min)	Hydrometer Reading	ASTM Depth	Composite Correction	Corrected Reading	Temperature (°C)	ASTM Alpha Correction	ASTM K Value	Largest Particle Passing (mm)	Percent Passing
22PC-703.4-704.9-SC	1/24/05	60.0	0.940	116.16	109.17	182.01	2.472	2	41	9.6	5.00	36.00	19.0	1.05	0.01474	0.0323	20.8
								5	37	10.2		32.00				0.0211	18.5
								15	32	11.1		27.00				0.0127	15.6
								45	29	11.5		24.00				0.0075	13.8
								120	26	12.0		21.00				0.0047	12.1
22PC-706.1-707.0-SC	1/24/05	62.2	0.916	118.56	108.57	174.46	2.462	2	34	10.7	5.00	29.00	19.0	1.05	0.01474	0.0341	17.5
								5	30	11.4		25.00				0.0223	15.0
								15	27	11.9		22.00				0.0131	13.2
								45	24	12.4		19.00				0.0077	11.4
								120	21	12.9		16.00				0.0048	9.6
22PC-707.0-709.0-SC	1/24/05	48.7	0.927	113.63	105.36	216.19	2.459	2	42	9.4	5.00	37.38	19.0	1.05	0.01474	0.0320	18.2
								5	38	10.1		33.00				0.0209	16.0
								15	33	10.9		28.00				0.0126	13.6
								45	29	11.5		24.00				0.0075	11.7
								120	26	12.0		21.00				0.0047	10.2
22PC-709.0-712.1-SC	1/24/05	38.6	0.925	116.05	107.37	277.97	2.503	2	45	8.9	5.00	40.00	19.0	1.03	0.01449	0.0306	14.8
								5	41	9.6		36.00				0.0201	13.3
								15	36	10.4		31.00				0.0121	11.5
								45	31	11.2		26.00				0.0072	9.6
								120	27	11.9		22.00				0.0046	8.2
22PC-712.1-714.0-SC	1/24/05	60.9	0.914	114.87	105.04	172.52	2.442	2	38	10.1	5.00	33.00	19.0	1.05	0.01474	0.0331	20.1
								5	34	10.7		29.00				0.0216	17.6
								15	30	11.4		25.00				0.0129	15.2
								45	25	12.2		20.00				0.0077	12.2
								120	21	12.9		16.00				0.0048	9.7
22PC-714.0-715.6-SC	1/24/05	49.7	0.939	119.05	111.74	224.98	2.473	2	36	10.4	5.00	31.00	19.0	1.05	0.01474	0.0336	14.5
								5	32	11.1		27.00				0.0220	12.6
								15	28	11.7		23.00				0.0130	10.7
								45	23	12.5		18.00				0.0078	8.4
								120	20	13.0		15.00				0.0049	7.0
22PC-715.6-718.7-SC	1/31/05	53.4	0.935	114.84	107.32	201.05	2.544	2	42	9.4	4.80	37.20	20.0	1.02	0.01408	0.0305	18.9
								5	38	10.1		33.20				0.0200	16.8
								15	34	10.7		29.20				0.0119	14.8
								45	29	11.5		24.20				0.0071	12.3
								120	26	12.0		21.20				0.0045	10.8
22PC-719.0-719.5-SC	1/31/05	59.8	0.931	116.82	108.79	181.90	2.538	2	37	10.2	4.80	32.20	20.0	1.02	0.01408	0.0318	18.1
								5	34	10.7		29.20				0.0206	16.4
								15	31	11.2		26.20				0.0122	14.7
								45	27	11.9		22.20				0.0072	12.4
								120	23	12.5		18.20				0.0045	10.2

Hydrometer Particle Size Analysis

Core grab samples from NC-EWDP-22PC with specific gravity passing No. 10 sieve

(Hydrometer number 57878, type 152H)

Sample Number	Test Date	Percent Passing No. 10 Sieve	HWC No. 10 Moisture Correction Factor	Sample Weight (g)	Oven-Dried Sample Weight (g)	Total Oven-Dried Sample Weight (g)	Specific Gravity (g/cm³)	Elapsed Time (min)	Hydrometer Reading	ASTM Depth	Composite Correction	Corrected Reading	Temperature (°C)	ASTM Alpha Correction	ASTM K Value	Largest Particle Passing (mm)	Percent Passing
22PC-719.5-720.4-SC	1/31/05	45.2	0.920	112.73	103.73	229.72	2.537	2	40	9.7	4.80	35.20	20.0	1.02	0.01408	0.0310	15.6
								5	36	10.4		31.20				0.0203	13.9
								15	32	11.1		27.20				0.0121	12.1
								45	28	11.7		23.20				0.0072	10.3
								120	25	12.2		20.20				0.0045	9.0
22PC-720.4-720.9-SC	1/31/05	58.8	1.008	113.20	114.15	194.08	2.553	2	45	8.9	4.80	40.20	20.0	1.02	0.01408	0.0297	21.1
								5	41	9.6		36.20				0.0195	19.0
								15	37	10.2		32.20				0.0116	16.9
								45	33	10.9		28.20				0.0069	14.8
								120	29	11.5		24.20				0.0044	12.7
22PC-721.5-725.5-SC	1/31/05	39.8	0.948	116.96	110.92	278.42	2.543	2	43	9.2	4.80	38.20	20.0	1.02	0.01408	0.0302	14.0
								5	39	9.9		34.20				0.0198	12.5
								15	35	10.6		30.20				0.0118	11.1
								45	31	11.2		26.20				0.0070	9.6
								120	27	11.9		22.20				0.0044	8.1
22PC-725.5-726.0-SC	1/31/05	57.1	0.959	119.79	114.91	201.13	2.550	2	41	9.6	4.80	36.20	20.0	1.02	0.01408	0.0308	18.4
								5	37	10.2		32.20				0.0201	16.3
								15	33	10.9		28.20				0.0120	14.3
								45	30	11.4		25.20				0.0071	12.8
								120	26	12.0		21.20				0.0045	10.8
22PC-726.0-728.8-SC	2/1/05	55.9	0.960	117.49	112.83	201.83	2.541	2	47	8.6	4.80	42.20	20.0	1.02	0.01408	0.0292	21.3
								5	43	9.2		38.20				0.0191	19.3
								15	39	9.9		34.20				0.0114	17.3
								45	34	10.7		29.20				0.0069	14.8
								120	31	11.2		26.20				0.0043	13.2
22PC-729.9-731.5-SC	2/1/05	54.1	0.953	118.91	113.27	209.31	2.524	2	45	8.9	4.80	40.20	20.0	1.03	0.01431	0.0302	19.8
								5	41	9.6		36.20				0.0198	17.8
								15	37	10.2		32.20				0.0118	15.8
								45	32	11.1		27.20				0.0071	13.4
								120	28	11.7		23.20				0.0045	11.4
22PC-731.5-733.2-SC	2/1/05	59.2	0.947	119.71	113.38	191.51	2.543	2	41	9.6	4.80	36.20	20.0	1.02	0.01408	0.0308	19.3
								5	38	10.1		33.20				0.0200	17.7
								15	34	10.7		29.20				0.0119	15.6
								45	29	11.5		24.20				0.0071	12.9
								120	25	12.2		20.20				0.0045	10.8
22PC-734.8-736.4-SC	2/1/05	56.3	0.919	116.47	107.05	190.27	2.548	2	47	8.6	4.80	42.20	20.0	1.02	0.01408	0.0292	22.6
								5	43	9.2		38.20				0.0191	20.5
								15	38	10.1		33.20				0.0116	17.8
								45	34	10.7		29.20				0.0069	15.7
								120	30	11.4		25.20				0.0043	13.5

Hydrometer Particle Size Analysis

Core grab samples from NC-EWDP-22PC with specific gravity passing No. 10 sieve

(Hydrometer number 57878, type 152H)

Sample Number	Test Date	Percent Passing No. 10 Sieve	HWC No. 10 Moisture Correction Factor	Sample Weight (g)	Oven-Dried Sample Weight (g)	Total Oven-Dried Sample Weight (g)	Specific Gravity (g/cm³)	Elapsed Time (min)	Hydrometer Reading	ASTM Depth	Composite Correction	Corrected Reading	Temperature (°C)	ASTM Alpha Correction	ASTM K Value	Largest Particle Passing (mm)	Percent Passing
22PC-736.4-737.1-SC	2/1/05	52.3	0.924	117.43	108.49	207.48	2.543	2	39	9.9	4.80	34.20	20.0	1.02	0.01408	0.0313	16.8
								5	35	10.6		30.20				0.0205	14.8
								15	31	11.2		26.20				0.0122	12.9
								45	27	11.9		22.20				0.0072	10.9
								120	24	12.4		19.20				0.0045	9.4
22PC-737.1-739.6-SC	2/1/05	59.8	0.930	118.48	110.18	184.23	2.540	2	45	8.9	4.80	40.20	20.0	1.02	0.01408	0.0297	22.3
								5	41	9.6		36.20				0.0195	20.0
								15	37	10.2		32.20				0.0116	17.8
								45	33	10.9		28.20				0.0069	15.6
								120	29	11.5		24.20				0.0044	13.4
22PC-739.9-741.8-SC	2/4/05	58.0	0.930	115.83	107.76	185.74	2.524	2	38	10.1	4.80	33.20	20.0	1.03	0.01431	0.0322	18.4
								5	35	10.6		30.20				0.0208	16.7
								15	30	11.4		25.20				0.0125	14.0
								45	27	11.9		22.20				0.0074	12.3
								120	24	12.4		19.20				0.0046	10.6
22PC-741.8-743.1-SC	2/4/05	49.5	0.944	117.04	110.46	222.95	2.506	2	33	10.9	4.80	28.20	20.0	1.03	0.01431	0.0334	13.0
								5	30	11.4		25.20				0.0216	11.6
								15	27	11.9		22.20				0.0127	10.3
								45	23	12.5		18.20				0.0075	8.4
								120	21	12.9		16.20				0.0047	7.5
22PC-743.1-745.9-SC	2/4/05	53.5	0.947	118.38	112.11	209.61	2.505	2	47	8.6	4.80	42.20	20.0	1.03	0.01431	0.0297	20.7
								5	43	9.2		38.20				0.0194	18.8
								15	38	10.1		33.20				0.0117	16.3
								45	34	10.7		29.20				0.0070	14.3
								120	31	11.2		26.20				0.0044	12.9
22PC-747.0-747.4-SC	2/4/05	59.2	0.944	115.09	108.61	183.39	2.500	2	38	10.1	4.80	33.20	20.0	1.03	0.01431	0.0322	18.6
								5	34	10.7		29.20				0.0209	16.4
								15	30	11.4		25.20				0.0125	14.2
								45	26	12.0		21.20				0.0074	11.9
								120	22	12.7		17.20				0.0047	9.7
22PC-747.4-749.1-SC	2/4/05	57.2	0.957	117.95	112.86	197.43	2.502	2	29	11.5	4.80	24.20	20.0	1.03	0.01431	0.0343	12.6
								5	26	12.0		21.20				0.0222	11.1
								15	23	12.5		18.20				0.0131	9.5
								45	20	13.0		15.20				0.0077	7.9
								120	17	13.5		12.20				0.0048	6.4
22PC-749.1-752.9-SC	2/4/05	46.9	0.948	114.42	108.52	231.34	2.506	2	40	9.7	4.80	35.20	20.0	1.03	0.01431	0.0315	15.7
								5	36	10.4		31.20				0.0206	13.9
								15	32	11.1		27.20				0.0123	12.1
								45	28	11.7		23.20				0.0073	10.3
								120	25	12.2		20.20				0.0046	9.0

Hydrometer Particle Size Analysis

Core grab samples from NC-EWDP-22PC with specific gravity passing No. 10 sieve

(Hydrometer number 57878, type 152H)

Sample Number	Test Date	Percent Passing No. 10 Sieve	HWC No. 10 Moisture Correction Factor	Sample Weight (g)	Oven-Dried Sample Weight (g)	Total Oven-Dried Sample Weight (g)	Specific Gravity (g/cm³)	Elapsed Time (min)	Hydrometer Reading	ASTM Depth	Composite Correction	Corrected Reading	Temperature (°C)	ASTM Alpha Correction	ASTM K Value	Largest Particle Passing (mm)	Percent Passing
22PC-752.9-754.9-SC	2/8/05	52.1	0.939	118.96	111.66	214.43	2.539	2	41	9.6	5.00	36.00	19.0	1.02	0.01425	0.0312	17.1
								5	37	10.2		32.00				0.0204	15.2
								15	33	10.9		28.00				0.0121	13.3
								45	29	11.5		24.00				0.0072	11.4
								120	26	12.0		21.00				0.0045	10.0
22PC-754.9-755.5-SC	2/8/05	47.4	0.957	116.74	111.66	235.78	2.537	2	40	9.7	5.00	35.00	19.0	1.02	0.01425	0.0314	15.1
								5	37	10.2		32.00				0.0204	13.8
								15	33	10.9		28.00				0.0121	12.1
								45	29	11.5		24.00				0.0072	10.4
								120	26	12.0		21.00				0.0045	9.1
22PC-755.5-759.2-SC	2/8/05	44.8	0.944	117.79	111.19	248.21	2.509	2	45	8.9	5.00	40.00	19.0	1.03	0.01449	0.0306	16.6
								5	40	9.7		35.00				0.0202	14.5
								15	36	10.4		31.00				0.0121	12.9
								45	32	11.1		27.00				0.0072	11.2
								120	28	11.7		23.00				0.0045	9.5
22PC-759.2-759.5-SC	2/8/05	50.6	0.968	118.96	115.18	227.51	2.543	2	31	11.2	5.00	26.00	19.0	1.02	0.01425	0.0337	11.7
								5	29	11.5		24.00				0.0216	10.8
								15	25	12.2		20.00				0.0129	9.0
								45	22	12.7		17.00				0.0076	7.6
								120	18	13.3		13.00				0.0047	5.8
22PC-759.5-761.3-SC	2/8/05	65.3	0.978	115.34	112.83	172.81	2.528	2	28	11.7	5.00	23.00	19.0	1.02	0.01425	0.0345	13.6
								5	26	12.0		21.00				0.0221	12.4
								15	23	12.5		18.00				0.0130	10.6
								45	20	13.0		15.00				0.0077	8.9
								120	17	13.5		12.00				0.0048	7.1
22PC-761.3-762.4-SC	2/8/05	37.2	0.971	116.86	113.52	304.77	2.513	2	38	10.1	5.00	33.00	19.0	1.03	0.01449	0.0326	11.2
								5	34	10.7		29.00				0.0212	9.8
								15	30	11.4		25.00				0.0126	8.4
								45	26	12.0		21.00				0.0075	7.1
								120	22	12.7		17.00				0.0047	5.7
22PC-762.4-762.8-SC	2/8/05	60.8	0.966	117.76	113.81	187.10	2.487	2	49	8.3	4.80	44.20	20.0	1.03	0.01431	0.0292	24.3
								5	45	8.9		40.20				0.0191	22.1
								15	41	9.6		36.20				0.0114	19.9
								45	36	10.4		31.20				0.0069	17.2
								120	32	11.1		27.20				0.0044	15.0