

## Atterberg Limit Censoring Report

Test ID	Sample Number	Test Date	Average Liquid Limit	Average Plastic Limit	Plasticity Index	Censored	Reasons for Censoring
50	32P-247.50-250.00-D	7/7/06	27	20	7	<input checked="" type="checkbox"/>	Special precautions to collect fines were not taken during sampling; samples are not considered representative.
51	32P-252.50-255.00-D	7/7/06	33	20	13	<input checked="" type="checkbox"/>	Special precautions to collect fines were not taken during sampling; samples are not considered representative.
52	32P-257.50-260.00-D	7/7/06	28	19	9	<input checked="" type="checkbox"/>	Special precautions to collect fines were not taken during sampling; samples are not considered representative.

Note: Blanks in liquid limit columns and plasticity index indicate unmeasurable liquid limit.

**Atterberg Limit Determinations**  
Cuttings samples from NC-EWDP-32P

Test ID	Sample Number	Test Date	Determination 1		Determination 2		Average Liquid Limit	Average Plastic Limit	Plasticity Index
			Liquid Limit	Plastic Limit	Liquid Limit	Plastic Limit			
1	32P-2.50-5.00-D	6/29/06		22.6		22.3		22	
2	32P-7.50-10.00-D	6/29/06		20.2		19.5		20	
3	32P-12.50-15.00-D	6/29/06		22.3		21.8		22	
4	32P-17.50-20.00-D	6/29/06		22.2		22.7		22	
5	32P-22.50-25.00-D	6/29/06		21.8		21.5		22	
6	32P-27.50-30.00-D	6/29/06		22.3		22.2		22	
7	32P-32.50-35.00-D	6/29/06		17.9		18.1		18	
8	32P-37.50-40.00-D	6/29/06		22.2		21.4		22	
9	32P-42.50-45.00-D	6/30/06		22.4		23.0		23	
10	32P-47.50-50.00-D	6/30/06		19.7		18.4		19	
11	32P-52.50-55.00-D	6/30/06		20.6		20.0		20	
12	32P-57.50-60.00-D	6/30/06		19.9		18.8		19	
13	32P-62.50-65.00-D	6/30/06		22.8		21.5		22	
14	32P-67.50-70.00-D	6/30/06		22.6		22.8		23	
15	32P-72.50-75.00-D	6/30/06		22.1		21.2		22	
16	32P-77.50-80.00-D	6/30/06		21.3		21.5		21	
17	32P-82.50-85.00-D	7/3/06		22.8		22.4		23	
18	32P-87.50-90.00-D	7/3/06		23.0		23.2		23	
19	32P-92.50-95.00-D	7/3/06		21.6		20.8		21	
20	32P-97.50-100.00-D	7/3/06		20.3		19.3		20	
21	32P-102.50-105.00-D	7/3/06		22.0		21.6		22	
22	32P-107.50-110.00-D	7/3/06		21.4		20.4		21	
23	32P-112.50-115.00-D	7/3/06		20.5		20.3		20	
24	32P-117.50-120.00-D	7/3/06		19.5		20.4		20	
25	32P-122.50-125.00-D	7/4/06		22.0		21.8		22	
26	32P-127.50-130.00-D	7/4/06		19.2		19.0		19	
27	32P-132.50-135.00-D	7/4/06		22.4		22.9		23	
28	32P-137.50-140.00-D	7/4/06		22.6		22.4		23	
29	32P-142.50-145.00-D	7/4/06	27.9	20.9	27.9	20.5	28	21	7
30	32P-147.50-150.00-D	7/4/06	23.5	20.6	23.5	20.4	23	20	3
31	32P-152.50-155.00-D	7/4/06	24.5	22.5	24.3	21.3	24	22	2
32	32P-157.50-160.00-D	7/4/06	21.2	19.3	21.1	20.3	21	20	1
33	32P-162.50-165.00-D	7/5/06		22.4		23.4		23	
34	32P-167.50-170.00-D	7/5/06	27.1	19.3	26.9	20.5	27	20	7
35	32P-172.50-175.00-D	7/5/06	26.4	20.8	25.9	20.2	26	21	5

Note: Blanks in liquid limit columns and plasticity index indicate unmeasurable liquid limit.

**Atterberg Limit Determinations**  
Cuttings samples from NC-EWDP-32P

Test ID	Sample Number	Test Date	Determination 1		Determination 2		Average Liquid Limit	Average Plastic Limit	Plasticity Index
			Liquid Limit	Plastic Limit	Liquid Limit	Plastic Limit			
36	32P-177.50-180.00-D	7/5/06	24.4	22.9	24.2	22.3	24	23	1
37	32P-182.50-185.00-D	7/5/06	24.6	20.8	24.3	20.2	24	20	4
38	32P-187.50-190.00-D	7/5/06	25.8	24.2	25.5	24.4	26	24	2
39	32P-192.50-195.00-D	7/5/06	35.0	21.8	34.7	20.8	35	21	14
40	32P-197.50-200.00-D	7/5/06	27.0	22.8	26.8	22.9	27	23	4
41	32P-202.50-205.00-D	7/6/06	27.9	19.5	27.5	19.1	28	19	9
42	32P-207.50-210.00-D	7/6/06	27.6	17.9	27.2	17.8	27	18	9
43	32P-212.50-215.00-D	7/6/06	25.7	18.3	25.2	18.6	25	18	7
44	32P-217.50-220.00-D	7/6/06	25.3	17.6	24.9	17.5	25	18	7
45	32P-222.50-225.00-D	7/6/06	23.0	20.5	22.7	19.6	23	20	3
46	32P-227.50-230.00-D	7/6/06	25.4	19.0	25.2	19.1	25	19	6
47	32P-232.50-235.00-D	7/6/06	27.3	17.2	27.0	16.9	27	17	10
48	32P-237.50-240.00-D	7/6/06	29.3	17.0	28.9	17.7	29	17	12
49	32P-242.50-245.00-D	7/7/06		20.5		19.8		20	
50	32P-247.50-250.00-D	7/7/06	27.1	19.7	27.0	19.3	27	20	7
51	32P-252.50-255.00-D	7/7/06	33.5	20.1	33.5	20.2	33	20	13
52	32P-257.50-260.00-D	7/7/06	28.0	19.5	27.7	19.0	28	19	9

Note: Blanks in liquid limit columns and plasticity index indicate unmeasurable liquid limit.

## Electrical Conductivity Censoring Report

Test ID	Sample Number	Test Date	Electrical Conductivity ( $\mu$ mhos/cm)	Censored	Reasons for Censoring
50	32P-247.50-250.00-D	5/24/06	73	<input checked="" type="checkbox"/>	Special precautions to collect fines were not taken during sampling; samples are not considered representative.
51	32P-252.50-255.00-D	5/24/06	112	<input checked="" type="checkbox"/>	Special precautions to collect fines were not taken during sampling; samples are not considered representative.
52	32P-257.50-260.00-D	5/24/06	105	<input checked="" type="checkbox"/>	Special precautions to collect fines were not taken during sampling; samples are not considered representative.

**Electrical Conductivity**  
Cuttings samples from NC-EWDP-32P

Test ID	Sample Number	Test Date	Container Weight (g)	Container Plus Moist Sample Weight (g)	Moist Sample Weight (g)	Moisture Correction Factor	Calculated Oven-Dried Sample Weight (g)	Water to be Added (g)	Electrical Conductivity (µmhos/cm)
1	32P-2.50-5.00-D	5/22/06	200.8	306.5	105.7	0.996	105.3	104.9	141
2	32P-7.50-10.00-D	5/22/06	200.8	307.9	107.1	0.994	106.4	105.7	397
3	32P-12.50-15.00-D	5/22/06	200.7	303.4	102.7	0.993	102.0	101.3	549
4	32P-17.50-20.00-D	5/22/06	200.8	304.2	103.4	0.991	102.5	101.6	637
5	32P-22.50-25.00-D	5/22/06	200.9	307.2	106.3	0.994	105.7	105.1	284
6	32P-27.50-30.00-D	5/22/06	200.8	306.2	105.4	0.995	104.9	104.3	176
7	32P-32.50-35.00-D	5/22/06	199.1	305.8	106.7	1.024	109.2	111.7	138
8	32P-37.50-40.00-D	5/22/06	198.9	303.7	104.8	0.989	103.6	102.5	204
9	32P-42.50-45.00-D	5/22/06	199.8	306.5	106.7	0.993	106.0	105.2	171
10	32P-47.50-50.00-D	5/22/06	200.9	305.8	104.9	0.993	104.2	103.5	132
11	32P-52.50-55.00-D	5/22/06	201.0	307.3	106.3	0.993	105.6	104.8	153
12	32P-57.50-60.00-D	5/22/06	200.7	304.6	103.9	0.992	103.0	102.2	108
13	32P-62.50-65.00-D	5/22/06	200.9	306.1	105.2	0.991	104.2	103.3	131
14	32P-67.50-70.00-D	5/22/06	200.7	307.5	106.8	0.983	105.0	103.2	129
15	32P-72.50-75.00-D	5/22/06	198.9	303.2	104.3	0.979	102.1	99.8	162
16	32P-77.50-80.00-D	5/22/06	200.7	304.3	103.6	0.986	102.1	100.7	122
17	32P-82.50-85.00-D	5/22/06	198.8	306.6	107.8	0.984	106.0	104.3	143
18	32P-87.50-90.00-D	5/22/06	200.8	305.4	104.6	0.983	102.8	101.1	103
19	32P-92.50-95.00-D	5/22/06	200.8	306.6	105.8	0.989	104.7	103.5	117
20	32P-97.50-100.00-D	5/22/06	201.0	305.1	104.1	0.986	102.6	101.1	222
21	32P-102.50-105.00-D	5/22/06	200.8	306.8	106.0	0.970	102.8	99.6	188
22	32P-107.50-110.00-D	5/23/06	200.9	305.5	104.6	0.972	101.7	98.8	228
23	32P-112.50-115.00-D	5/23/06	200.8	304.4	103.6	0.964	99.8	96.1	156
24	32P-117.50-120.00-D	5/23/06	201.1	305.3	104.2	0.965	100.6	96.9	230
25	32P-122.50-125.00-D	5/23/06	200.7	303.9	103.2	0.967	99.8	96.5	165
26	32P-127.50-130.00-D	5/23/06	199.8	307.6	107.8	0.960	103.5	99.2	221
27	32P-132.50-135.00-D	5/23/06	199.9	304.8	104.9	0.977	102.5	100.1	160
28	32P-137.50-140.00-D	5/23/06	200.8	305.4	104.6	0.973	101.8	99.0	182
29	32P-142.50-145.00-D	5/23/06	199.4	305.8	106.4	0.960	102.1	97.8	204
30	32P-147.50-150.00-D	5/23/06	200.4	303.4	103.0	0.965	99.4	95.8	168
31	32P-152.50-155.00-D	5/23/06	199.6	305.3	105.7	0.977	103.3	100.8	180
32	32P-157.50-160.00-D	5/23/06	200.2	304.7	104.5	0.970	101.3	98.1	200
33	32P-162.50-165.00-D	5/23/06	200.7	305.4	104.7	0.973	101.9	99.1	200
34	32P-167.50-170.00-D	5/23/06	199.3	306.8	107.5	0.968	104.1	100.6	189
35	32P-172.50-175.00-D	5/23/06	200.6	303.6	103.0	0.974	100.4	97.7	183

**Electrical Conductivity**  
Cuttings samples from NC-EWDP-32P

Test ID	Sample Number	Test Date	Container Weight (g)	Container Plus Moist Sample Weight (g)	Moist Sample Weight (g)	Moisture Correction Factor	Calculated Oven-Dried Sample Weight (g)	Water to be Added (g)	Electrical Conductivity (µmhos/cm)
36	32P-177.50-180.00-D	5/23/06	200.7	307.3	106.6	0.975	104.0	101.4	113
37	32P-182.50-185.00-D	5/23/06	200.6	304.5	103.9	0.986	102.5	101.0	160
38	32P-187.50-190.00-D	5/23/06	200.2	306.7	106.5	0.973	103.6	100.7	122
39	32P-192.50-195.00-D	5/23/06	201.1	304.2	103.1	0.966	99.6	96.0	227
40	32P-197.50-200.00-D	5/23/06	199.2	305.5	106.3	0.967	102.8	99.3	191
41	32P-202.50-205.00-D	5/23/06	201.6	307.1	105.5	0.955	100.7	95.9	337
42	32P-207.50-210.00-D	5/23/06	199.8	306.9	107.1	0.966	103.4	99.7	188
43	32P-212.50-215.00-D	5/24/06	200.9	305.9	105.0	0.969	101.7	98.4	165
44	32P-217.50-220.00-D	5/24/06	199.4	303.3	103.9	0.968	100.6	97.3	141
45	32P-222.50-225.00-D	5/24/06	199.3	307.3	108.0	0.978	105.6	103.2	133
46	32P-227.50-230.00-D	5/24/06	199.1	304.9	105.8	0.970	102.6	99.4	143
47	32P-232.50-235.00-D	5/24/06	199.6	306.1	106.5	0.965	102.8	99.1	162
48	32P-237.50-240.00-D	5/24/06	200.2	305.1	104.9	0.965	101.3	97.6	150
49	32P-242.50-245.00-D	5/24/06	199.3	304.5	105.2	0.975	102.6	100.0	91
50	32P-247.50-250.00-D	5/24/06	199.6	303.4	103.8	0.966	100.3	96.7	73
51	32P-252.50-255.00-D	5/24/06	201.0	306.4	105.4	0.978	103.1	100.8	112
52	32P-257.50-260.00-D	5/24/06	200.6	305.8	105.2	0.974	102.4	99.7	105

## Gravimetric Water Content Censoring Report

Test ID	Sample Number	Test Date	Gravimetric Water Content (g/g)	Censored	Reasons for Censoring
50	32P-247.50-250.00-D	05/24/06	0.035	<input checked="" type="checkbox"/>	Special precautions to collect fines were not taken during sampling; samples are not considered representative.
50	32P-247.50-250.00-D	05/09/06	0.060	<input checked="" type="checkbox"/>	Special precautions to collect fines were not taken during sampling; samples are not considered representative.
51	32P-252.50-255.00-D	05/24/06	0.023	<input checked="" type="checkbox"/>	Special precautions to collect fines were not taken during sampling; samples are not considered representative.
51	32P-252.50-255.00-D	05/09/06	0.056	<input checked="" type="checkbox"/>	Special precautions to collect fines were not taken during sampling; samples are not considered representative.
52	32P-257.50-260.00-D	05/24/06	0.027	<input checked="" type="checkbox"/>	Special precautions to collect fines were not taken during sampling; samples are not considered representative.
52	32P-257.50-260.00-D	05/09/06	0.058	<input checked="" type="checkbox"/>	Special precautions to collect fines were not taken during sampling; samples are not considered representative.
64	32P-950.00-950.10-D	10/26/06	0.400	<input checked="" type="checkbox"/>	Indurated non-alluvium sample; test should not have been performed.
65	32P-970.00-970.10-D	10/30/06	0.553	<input checked="" type="checkbox"/>	Indurated non-alluvium sample; test should not have been performed.
66	32P-990.00-990.10-D	10/30/06	0.022	<input checked="" type="checkbox"/>	Indurated non-alluvium sample; test should not have been performed.

Test ID	Sample Number	Test Date	Container Weight (g)	Container Weight Plus Moist Sample (g)	Container Weight Plus Oven-Dried Sample (g)	Water Weight (g)	Oven-Dried Solids Weight (g)	Gravimetric Water Content (g/g)
1	32P-2.50-5.00-D	05/22/06	22.1	93.7	93.4	0.3	71.3	0.004
2	32P-7.50-10.00-D	05/22/06	22.4	95.7	95.2	0.5	72.8	0.006
3	32P-12.50-15.00-D	05/22/06	22.4	93.1	92.7	0.5	70.3	0.007
4	32P-17.50-20.00-D	05/22/06	22.6	96.4	95.8	0.7	73.2	0.009
5	32P-22.50-25.00-D	05/22/06	22.5	95.9	95.5	0.4	73.1	0.006
6	32P-27.50-30.00-D	05/22/06	22.2	93.4	93.1	0.4	70.9	0.005
7	32P-32.50-35.00-D	05/22/06	22.3	94.9	96.6	-1.7	74.3	-0.023
8	32P-37.50-40.00-D	05/22/06	22.5	93.3	92.5	0.8	69.9	0.011
9	32P-42.50-45.00-D	05/22/06	22.2	97.0	96.4	0.5	74.3	0.007
10	32P-47.50-50.00-D	05/22/06	22.3	94.3	93.8	0.5	71.5	0.007
11	32P-52.50-55.00-D	05/22/06	22.5	94.1	93.6	0.5	71.1	0.007
12	32P-57.50-60.00-D	05/22/06	22.2	97.5	96.8	0.6	74.6	0.008
13	32P-62.50-65.00-D	05/22/06	22.3	94.8	94.1	0.7	71.8	0.009
14	32P-67.50-70.00-D	05/22/06	22.3	93.5	92.3	1.2	70.1	0.017
15	32P-72.50-75.00-D	05/22/06	22.4	94.5	93.0	1.5	70.6	0.022
16	32P-77.50-80.00-D	05/22/06	22.3	95.2	94.2	1.0	71.9	0.014
17	32P-82.50-85.00-D	05/22/06	22.5	93.6	92.5	1.2	70.0	0.017
18	32P-87.50-90.00-D	05/22/06	22.5	96.4	95.2	1.2	72.7	0.017
19	32P-92.50-95.00-D	05/22/06	22.4	93.5	92.7	0.8	70.3	0.011
20	32P-97.50-100.00-D	05/22/06	22.4	96.2	95.2	1.1	72.8	0.015
21	32P-102.50-105.00-D	05/22/06	22.4	94.1	92.0	2.2	69.5	0.031
22	32P-107.50-110.00-D	05/23/06	22.1	94.8	92.8	2.0	70.7	0.028
23	32P-112.50-115.00-D	05/23/06	22.4	93.6	91.0	2.6	68.6	0.038
24	32P-117.50-120.00-D	05/23/06	22.4	95.5	92.9	2.6	70.5	0.036
25	32P-122.50-125.00-D	05/23/06	22.6	96.1	93.7	2.4	71.2	0.034
26	32P-127.50-130.00-D	05/23/06	22.5	96.9	93.9	3.0	71.4	0.042
27	32P-132.50-135.00-D	05/23/06	22.2	95.4	93.7	1.7	71.5	0.023
28	32P-137.50-140.00-D	05/23/06	22.3	97.4	95.4	2.0	73.2	0.028
29	32P-142.50-145.00-D	05/23/06	22.5	94.9	91.9	2.9	69.4	0.042
30	32P-147.50-150.00-D	05/23/06	22.2	93.9	91.3	2.5	69.1	0.036
31	32P-152.50-155.00-D	05/23/06	22.3	94.8	93.1	1.7	70.8	0.024
32	32P-157.50-160.00-D	05/23/06	22.5	95.7	93.4	2.2	70.9	0.031
33	32P-162.50-165.00-D	05/23/06	22.2	93.5	91.6	1.9	69.3	0.028
34	32P-167.50-170.00-D	05/23/06	22.3	96.2	93.8	2.4	71.5	0.033
35	32P-172.50-175.00-D	05/23/06	22.3	95.9	94.0	1.9	71.7	0.026



Test ID	Sample Number	Test Date	Container Weight (g)	Container Weight Plus Moist Sample (g)	Container Weight Plus Oven-Dried Sample (g)	Water Weight (g)	Oven-Dried Solids Weight (g)	Gravimetric Water Content (g/g)
36	32P-177.50-180.00-D	05/23/06	22.4	93.8	92.1	1.8	69.7	0.025
37	32P-182.50-185.00-D	05/23/06	22.3	94.7	93.7	1.0	71.3	0.014
38	32P-187.50-190.00-D	05/23/06	22.5	97.9	95.9	2.0	73.4	0.028
39	32P-192.50-195.00-D	05/23/06	22.5	95.4	92.9	2.5	70.3	0.036
40	32P-197.50-200.00-D	05/23/06	22.4	93.8	91.5	2.3	69.1	0.034
41	32P-202.50-205.00-D	05/23/06	22.4	96.2	92.9	3.4	70.5	0.048
42	32P-207.50-210.00-D	05/23/06	22.4	95.2	92.7	2.5	70.3	0.036
43	32P-212.50-215.00-D	05/24/06	22.1	94.3	92.1	2.3	70.0	0.032
44	32P-217.50-220.00-D	05/24/06	22.4	96.8	94.4	2.3	72.0	0.033
45	32P-222.50-225.00-D	05/24/06	22.4	97.6	96.0	1.7	73.6	0.023
46	32P-227.50-230.00-D	05/24/06	22.6	94.7	92.5	2.2	69.9	0.031
47	32P-232.50-235.00-D	05/24/06	22.5	96.6	94.1	2.6	71.6	0.036
48	32P-237.50-240.00-D	05/24/06	22.2	95.3	92.7	2.5	70.5	0.036
49	32P-242.50-245.00-D	05/24/06	22.3	94.0	92.2	1.8	70.0	0.025
50	32P-247.50-250.00-D	05/24/06	22.5	96.6	94.0	2.5	71.5	0.035
51	32P-252.50-255.00-D	05/24/06	22.2	97.6	96.0	1.7	73.8	0.023
52	32P-257.50-260.00-D	05/24/06	22.3	95.9	94.0	1.9	71.6	0.027

**Gravimetric Water Content**  
Cuttings samples from NC-EWDP-32P

Test ID	Sample Number	Test Date	Container Weight (g)	Container Weight Plus Moist Sample (g)	Container Weight Plus Oven-Dried Sample (g)	Water Weight (g)	Oven-Dried Solids Weight (g)	Gravimetric Water Content (g/g)
1	32P-2.50-5.00-D	05/05/06	14.2	364.6	349.0	15.6	334.8	0.047
2	32P-7.50-10.00-D	05/05/06	13.6	409.3	395.0	14.2	381.4	0.037
3	32P-12.50-15.00-D	05/05/06	14.1	345.6	336.6	9.1	322.4	0.028
4	32P-17.50-20.00-D	05/05/06	13.6	420.1	404.5	15.6	390.9	0.040
5	32P-22.50-25.00-D	05/05/06	13.8	374.2	364.3	9.9	350.5	0.028
6	32P-27.50-30.00-D	05/05/06	13.8	397.9	389.6	8.3	375.8	0.022
7	32P-32.50-35.00-D	05/05/06	14.1	450.8	440.0	10.8	425.8	0.025
8	32P-37.50-40.00-D	05/05/06	13.7	328.8	314.6	14.3	300.8	0.047
9	32P-42.50-45.00-D	05/05/06	13.8	385.8	376.0	9.9	362.2	0.027
10	32P-47.50-50.00-D	05/05/06	13.8	412.2	402.3	9.9	388.5	0.025
11	32P-52.50-55.00-D	05/05/06	13.8	416.6	409.1	7.5	395.3	0.019
12	32P-57.50-60.00-D	05/05/06	13.7	469.9	443.4	26.4	429.7	0.062
13	32P-62.50-65.00-D	05/05/06	13.7	435.9	419.7	16.2	406.0	0.040
14	32P-67.50-70.00-D	05/05/06	13.6	431.3	414.2	17.1	400.6	0.043
15	32P-72.50-75.00-D	05/05/06	14.1	477.2	452.8	24.3	438.7	0.055
16	32P-77.50-80.00-D	05/05/06	14.3	502.6	482.7	19.9	468.4	0.042
17	32P-82.50-85.00-D	05/05/06	13.8	446.4	427.8	18.7	414.0	0.045
18	32P-87.50-90.00-D	05/05/06	13.7	423.4	407.3	16.1	393.6	0.041
19	32P-92.50-95.00-D	05/05/06	14.2	518.5	502.1	16.4	487.9	0.034
20	32P-97.50-100.00-D	05/05/06	14.4	537.4	518.8	18.5	504.5	0.037
21	32P-102.50-105.00-D	05/05/06	14.1	417.1	398.0	19.2	383.9	0.050
22	32P-107.50-110.00-D	05/08/06	14.2	540.4	517.5	23.0	503.3	0.046
23	32P-112.50-115.00-D	05/08/06	13.8	426.3	404.4	21.9	390.6	0.056
24	32P-117.50-120.00-D	05/08/06	13.7	349.3	333.1	16.2	319.4	0.051
25	32P-122.50-125.00-D	05/08/06	13.7	563.7	537.6	26.1	523.9	0.050
26	32P-127.50-130.00-D	05/08/06	13.6	454.9	427.8	27.2	414.2	0.066
27	32P-132.50-135.00-D	05/08/06	14.1	553.5	533.8	19.7	519.6	0.038
28	32P-137.50-140.00-D	05/08/06	14.3	480.9	462.7	18.2	448.4	0.041
29	32P-142.50-145.00-D	05/08/06	13.8	432.2	407.0	25.1	393.3	0.064
30	32P-147.50-150.00-D	05/08/06	13.7	520.4	501.1	19.3	487.4	0.040
31	32P-152.50-155.00-D	05/08/06	14.2	462.0	445.7	16.3	431.5	0.038
32	32P-157.50-160.00-D	05/08/06	14.4	392.2	375.8	16.4	361.4	0.045
33	32P-162.50-165.00-D	05/08/06	13.8	529.4	507.9	21.5	494.1	0.044
34	32P-167.50-170.00-D	05/08/06	13.8	435.0	417.0	18.0	403.2	0.045
35	32P-172.50-175.00-D	05/08/06	13.7	446.5	430.6	15.9	416.8	0.038

**Gravimetric Water Content**  
Cuttings samples from NC-EWDP-32P

Test ID	Sample Number	Test Date	Container Weight (g)	Container Weight Plus Moist Sample (g)	Container Weight Plus Oven-Dried Sample (g)	Water Weight (g)	Oven-Dried Solids Weight (g)	Gravimetric Water Content (g/g)
36	32P-177.50-180.00-D	05/08/06	14.1	515.4	497.2	18.2	483.1	0.038
37	32P-182.50-185.00-D	05/08/06	13.8	482.3	463.4	18.9	449.6	0.042
38	32P-187.50-190.00-D	05/08/06	13.8	379.9	361.4	18.5	347.6	0.053
39	32P-192.50-195.00-D	05/08/06	13.6	410.7	386.0	24.7	372.4	0.066
40	32P-197.50-200.00-D	05/08/06	14.1	473.5	452.8	20.8	438.6	0.047
41	32P-202.50-205.00-D	05/08/06	13.6	389.5	362.8	26.7	349.2	0.076
42	32P-207.50-210.00-D	05/08/06	14.2	466.5	443.3	23.2	429.1	0.054
43	32P-212.50-215.00-D	05/09/06	13.7	370.0	353.6	16.4	339.9	0.048
44	32P-217.50-220.00-D	05/09/06	13.8	382.1	365.4	16.7	351.6	0.048
45	32P-222.50-225.00-D	05/09/06	14.3	425.7	410.4	15.4	396.1	0.039
46	32P-227.50-230.00-D	05/09/06	14.1	491.7	367.1	124.7	352.9	0.353
47	32P-232.50-235.00-D	05/09/06	13.6	376.1	353.8	22.3	340.3	0.066
48	32P-237.50-240.00-D	05/09/06	13.7	380.8	359.1	21.7	345.4	0.063
49	32P-242.50-245.00-D	05/09/06	13.8	415.3	391.7	23.7	377.9	0.063
50	32P-247.50-250.00-D	05/09/06	13.8	439.6	415.3	24.2	401.5	0.060
51	32P-252.50-255.00-D	05/09/06	14.2	387.9	368.0	20.0	353.8	0.056
52	32P-257.50-260.00-D	05/09/06	14.1	393.5	372.7	20.8	358.6	0.058
53	32P-730.00-730.10-D	10/25/06	13.9	769.0	753.8	15.1	739.9	0.020
54	32P-750.00-750.10-D	10/25/06	13.7	387.2	284.3	102.9	270.6	0.380
55	32P-770.00-770.10-D	10/25/06	13.7	1291.6	1235.4	56.2	1221.8	0.046
56	32P-790.00-790.10-D	10/25/06	14.1	539.7	455.3	84.4	441.2	0.191
57	32P-810.00-810.10-D	10/25/06	14.1	569.0	444.4	124.6	430.3	0.290
58	32P-830.00-830.10-D	10/25/06	14.2	497.5	417.5	80.1	403.2	0.199
59	32P-850.00-850.10-D	10/25/06	13.6	952.2	815.7	136.5	802.1	0.170
60	32P-870.00-870.10-D	10/26/06	14.2	900.5	841.6	58.9	827.4	0.071
61	32P-890.00-890.10-D	10/26/06	14.2	1049.8	899.1	150.7	884.9	0.170
62	32P-910.00-910.10-D	10/26/06	234.2	3234.3	2666.7	567.6	2432.5	0.233
63	32P-930.00-930.10-D	10/26/06	13.7	935.4	581.2	354.2	567.5	0.624
64	32P-950.00-950.10-D	10/26/06	13.8	662.3	476.8	185.4	463.1	0.400
65	32P-970.00-970.10-D	10/30/06	14.1	748.1	486.6	261.5	472.5	0.553
66	32P-990.00-990.10-D	10/30/06	13.8	645.6	631.9	13.7	618.1	0.022
67	32P-730.10-732.50-D	10/30/06	13.8	958.1	797.7	160.5	783.8	0.205

# Hydrometer Censoring Report

Test ID	Sample Number	Test Date	Censored	Reasons for Censoring
66	32P-990.00-990.10-D	11/16/2006	<input checked="" type="checkbox"/>	Indurated non-alluvium sample; test should not have been performed.
65	32P-970.00-970.10-D	11/16/2006	<input checked="" type="checkbox"/>	Indurated non-alluvium sample; test should not have been performed.
64	32P-950.00-950.10-D	11/10/2006	<input checked="" type="checkbox"/>	Indurated non-alluvium sample; test should not have been performed.
52	32P-257.50-260.00-D	6/19/2006	<input checked="" type="checkbox"/>	Special precautions to collect fines were not taken during sampling; samples are not considered representative.
51	32P-252.50-255.00-D	6/19/2006	<input checked="" type="checkbox"/>	Special precautions to collect fines were not taken during sampling; samples are not considered representative.
50	32P-247.50-250.00-D	6/19/2006	<input checked="" type="checkbox"/>	Special precautions to collect fines were not taken during sampling; samples are not considered representative.

## Hydrometer Particle Size Analysis

Cuttings samples from NC-EWDP-32P 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/cm <sup>3</sup> )	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
32P-2.50-5.00-D	5/29/06	62.3	0.994	116.35	115.66	185.77	2.598	2	12	14.3	4.40	7.60	22.0	1.01	0.01353	0.0362	4.1
								5	11	14.5		6.60				0.0230	3.6
								15	10	14.7		5.60				0.0134	3.0
								45	9	14.8		4.60				0.0078	2.5
								120	8	15.0		3.60				0.0048	2.0
32P-7.50-10.00-D	5/29/06	41.0	1.044	114.49	119.58	291.55	2.574	2	13	14.2	4.40	8.60	22.0	1.02	0.01374	0.0366	3.0
								5	12	14.3		7.60				0.0232	2.7
								15	11	14.5		6.60				0.0135	2.3
								45	10	14.7		5.60				0.0079	2.0
								120	9	14.8		4.60				0.0048	1.6
32P-12.50-15.00-D	5/29/06	62.2	0.989	115.74	114.48	184.01	2.584	2	16	13.7	4.40	11.60	22.0	1.01	0.01353	0.0354	6.4
								5	14	14.0		9.60				0.0226	5.3
								15	12	14.3		7.60				0.0132	4.2
								45	11	14.5		6.60				0.0077	3.6
								120	10	14.7		5.60				0.0047	3.1
32P-17.50-20.00-D	5/29/06	69.2	0.985	114.62	112.94	163.29	2.565	2	25	12.2	4.40	20.60	22.0	1.02	0.01374	0.0339	12.9
								5	22	12.7		17.60				0.0219	11.0
								15	19	13.2		14.60				0.0129	9.1
								45	16	13.7		11.60				0.0076	7.2
								120	13	14.2		8.60				0.0047	5.4
32P-22.50-25.00-D	5/29/06	61.1	0.991	115.95	114.96	188.29	2.566	2	14	14.0	4.40	9.60	22.0	1.02	0.01374	0.0364	5.2
								5	12	14.3		7.60				0.0232	4.1
								15	11	14.5		6.60				0.0135	3.6
								45	10	14.7		5.60				0.0079	3.0
								120	9	14.8		4.60				0.0048	2.5
32P-27.50-30.00-D	5/29/06	50.4	0.993	112.46	111.63	221.38	2.566	2	12	14.3	4.40	7.60	22.0	1.02	0.01374	0.0367	3.5
								5	10	14.7		5.60				0.0236	2.6
								15	9	14.8		4.60				0.0136	2.1
								45	8	15.0		3.60				0.0079	1.7
								120	7	15.2		2.60				0.0049	1.2
32P-32.50-35.00-D	5/30/06	46.3	0.993	114.24	113.41	245.12	2.577	2	18	13.3	4.40	13.60	22.0	1.01	0.01353	0.0349	5.6
								5	16	13.7		11.60				0.0224	4.8
								15	13	14.2		8.60				0.0132	3.5
								45	11	14.5		6.60				0.0077	2.7
								120	9	14.8		4.60				0.0048	1.9
32P-37.50-40.00-D	5/30/06	51.5	0.979	112.25	109.84	213.37	2.577	2	26	12.0	4.40	21.60	22.0	1.01	0.01353	0.0331	10.2
								5	23	12.5		18.60				0.0214	8.8
								15	20	13.0		15.60				0.0126	7.4
								45	17	13.5		12.60				0.0074	6.0
								120	15	13.8		10.60				0.0046	5.0

## Hydrometer Particle Size Analysis

Cuttings samples from NC-EWDP-32P 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/cm <sup>3</sup> )	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
32P-42.50-45.00-D	5/30/06	75.4	0.987	114.47	113.03	149.91	2.527	2	20	13.0	4.40	15.60	22.0	1.02	0.01374	0.0350	10.6
								5	17	13.5		12.60				0.0226	8.6
								15	15	13.8		10.60				0.0132	7.2
								45	13	14.2		8.60				0.0077	5.9
								120	11	14.5		6.60				0.0048	4.5
32P-47.50-50.00-D	5/30/06	54.0	0.989	115.78	114.53	212.17	2.567	2	13	14.2	4.40	8.60	22.0	1.02	0.01374	0.0366	4.1
								5	11	14.5		6.60				0.0234	3.2
								15	10	14.7		5.60				0.0136	2.7
								45	9	14.8		4.60				0.0079	2.2
								120	8	15.0		3.60				0.0049	1.7
32P-52.50-55.00-D	5/30/06	57.1	0.988	113.59	112.23	196.62	2.570	2	19	13.2	4.40	14.60	22.0	1.02	0.01374	0.0353	7.6
								5	17	13.5		12.60				0.0226	6.5
								15	14	14.0		9.60				0.0133	5.0
								45	12	14.3		7.60				0.0077	3.9
								120	10	14.7		5.60				0.0048	2.9
32P-57.50-60.00-D	5/30/06	40.9	0.989	115.65	114.38	279.40	2.556	2	12	14.3	4.40	7.60	22.0	1.02	0.01374	0.0367	2.8
								5	11	14.5		6.60				0.0234	2.4
								15	10	14.7		5.60				0.0136	2.0
								45	9	14.8		4.60				0.0079	1.7
								120	9	14.8		4.60				0.0048	1.7
32P-62.50-65.00-D	5/31/06	71.8	0.988	113.29	111.98	156.04	2.583	2	12	14.3	4.40	7.60	22.0	1.01	0.01353	0.0362	4.9
								5	11	14.5		6.60				0.0230	4.3
								15	10	14.7		5.60				0.0134	3.6
								45	9	14.8		4.60				0.0078	3.0
								120	9	14.8		4.60				0.0048	3.0
32P-67.50-70.00-D	5/31/06	54.8	0.979	115.45	113.04	206.23	2.579	2	17	13.5	4.40	12.60	22.0	1.01	0.01353	0.0352	6.2
								5	15	13.8		10.60				0.0225	5.2
								15	13	14.2		8.60				0.0132	4.2
								45	11	14.5		6.60				0.0077	3.2
								120	10	14.7		5.60				0.0047	2.7
32P-72.50-75.00-D	5/31/06	65.0	0.984	116.05	114.18	175.78	2.607	2	21	12.9	4.40	16.60	22.0	1.01	0.01353	0.0344	9.5
								5	18	13.3		13.60				0.0221	7.8
								15	16	13.7		11.60				0.0129	6.7
								45	14	14.0		9.60				0.0075	5.5
								120	13	14.2		8.60				0.0047	4.9
32P-77.50-80.00-D	5/31/06	63.0	0.985	113.93	112.24	178.06	2.588	2	16	13.7	4.60	11.40	21.0	1.01	0.01369	0.0358	6.5
								5	14	14.0		9.40				0.0229	5.3
								15	12	14.3		7.40				0.0134	4.2
								45	10	14.7		5.40				0.0078	3.1
								120	9	14.8		4.40				0.0048	2.5

## Hydrometer Particle Size Analysis

Cuttings samples from NC-EWDP-32P 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/cm <sup>3</sup> )	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
32P-82.50-85.00-D	5/31/06	53.7	0.977	115.73	113.02	210.59	2.574	2	21	12.9	4.60	16.40	21.0	1.02	0.01391	0.0353	7.9
								5	18	13.3		13.40				0.0227	6.5
								15	16	13.7		11.40				0.0133	5.5
								45	13	14.2		8.40				0.0078	4.1
								120	12	14.3		7.40				0.0048	3.6
32P-87.50-90.00-D	5/31/06	51.9	0.978	112.87	110.44	212.77	2.578	2	17	13.5	4.60	12.40	21.0	1.01	0.01369	0.0356	5.9
								5	14	14.0		9.40				0.0229	4.5
								15	12	14.3		7.40				0.0134	3.5
								45	10	14.7		5.40				0.0078	2.6
								120	9	14.8		4.40				0.0048	2.1
32P-92.50-95.00-D	6/2/06	39.8	0.984	115.77	113.96	286.58	2.584	2	17	13.5	4.60	12.40	21.0	1.01	0.01369	0.0356	4.4
								5	14	14.0		9.40				0.0229	3.3
								15	12	14.3		7.40				0.0134	2.6
								45	10	14.7		5.40				0.0078	1.9
								120	9	14.8		4.40				0.0048	1.6
32P-97.50-100.00-D	6/2/06	40.6	0.983	112.87	110.92	273.24	2.569	2	16	13.7	4.60	11.40	21.0	1.02	0.01391	0.0364	4.3
								5	14	14.0		9.40				0.0233	3.5
								15	12	14.3		7.40				0.0136	2.8
								45	10	14.7		5.40				0.0080	2.0
								120	9	14.8		4.40				0.0049	1.6
32P-102.50-105.00-D	6/2/06	66.9	0.968	116.15	112.38	167.98	2.578	2	23	12.5	4.60	18.40	21.0	1.01	0.01369	0.0342	11.1
								5	19	13.2		14.40				0.0222	8.7
								15	16	13.7		11.40				0.0131	6.9
								45	13	14.2		8.40				0.0077	5.1
								120	12	14.3		7.40				0.0047	4.4
32P-107.50-110.00-D	6/2/06	36.5	0.970	115.94	112.49	308.21	2.577	2	14	14.0	4.80	9.20	20.0	1.01	0.01386	0.0367	3.0
								5	12	14.3		7.20				0.0234	2.4
								15	11	14.5		6.20				0.0136	2.0
								45	10	14.7		5.20				0.0079	1.7
								120	9	14.8		4.20				0.0049	1.4
32P-112.50-115.00-D	6/2/06	63.9	0.960	114.53	109.99	172.16	2.567	2	14	14.0	4.80	9.20	20.0	1.02	0.01408	0.0373	5.5
								5	13	14.2		8.20				0.0237	4.9
								15	11	14.5		6.20				0.0138	3.7
								45	10	14.7		5.20				0.0080	3.1
								120	9	14.8		4.20				0.0049	2.5
32P-117.50-120.00-D	6/2/06	75.1	0.965	115.07	110.99	147.76	2.584	2	20	13.0	4.80	15.20	20.0	1.01	0.01386	0.0353	10.4
								5	16	13.7		11.20				0.0229	7.7
								15	13	14.2		8.20				0.0135	5.6
								45	11	14.5		6.20				0.0079	4.2
								120	9	14.8		4.20				0.0049	2.9

## Hydrometer Particle Size Analysis

Cuttings samples from NC-EWDP-32P 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/cm <sup>3</sup> )	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
32P-122.50-125.00-D	6/5/06	72.7	0.969	116.39	112.82	155.10	2.592	2	16	13.7	4.60	11.40	21.0	1.01	0.01369	0.0358	7.4
								5	14	14.0		9.40				0.0229	6.1
								15	11	14.5		6.40				0.0135	4.2
								45	10	14.7		5.40				0.0078	3.5
								120	9	14.8		4.40				0.0048	2.9
32P-127.50-130.00-D	6/5/06	64.4	0.959	113.58	108.91	168.99	2.587	2	14	14.0	4.60	9.40	21.0	1.01	0.01369	0.0362	5.6
								5	12	14.3		7.40				0.0232	4.4
								15	11	14.5		6.40				0.0135	3.8
								45	10	14.7		5.40				0.0078	3.2
								120	9	14.8		4.40				0.0048	2.6
32P-132.50-135.00-D	6/5/06	29.9	0.973	114.86	111.76	373.40	2.582	2	12	14.3	4.60	7.40	21.0	1.01	0.01369	0.0366	2.0
								5	10	14.7		5.40				0.0235	1.5
								15	9	14.8		4.40				0.0136	1.2
								45	8	15.0		3.40				0.0079	0.9
								120	7	15.2		2.40				0.0049	0.6
32P-137.50-140.00-D	6/5/06	40.7	0.972	113.25	110.07	270.23	2.584	2	15	13.8	4.60	10.40	21.0	1.01	0.01369	0.0360	3.9
								5	12	14.3		7.40				0.0232	2.8
								15	10	14.7		5.40				0.0136	2.0
								45	9	14.8		4.40				0.0079	1.6
								120	8	15.0		3.40				0.0048	1.3
32P-142.50-145.00-D	6/5/06	60.1	0.960	114.91	110.32	183.42	2.589	2	23	12.5	4.60	18.40	21.0	1.01	0.01369	0.0342	10.1
								5	21	12.9		16.40				0.0220	9.0
								15	19	13.2		14.40				0.0128	7.9
								45	18	13.3		13.40				0.0074	7.4
								120	16	13.7		11.40				0.0046	6.3
32P-147.50-150.00-D	6/5/06	61.1	0.972	115.96	112.69	184.46	2.600	2	18	13.3	4.60	13.40	21.0	1.01	0.01369	0.0353	7.3
								5	15	13.8		10.40				0.0227	5.7
								15	13	14.2		8.40				0.0133	4.6
								45	12	14.3		7.40				0.0077	4.1
								120	11	14.5		6.40				0.0048	3.5
32P-152.50-155.00-D	6/6/06	58.6	0.973	113.79	110.68	188.78	2.629	2	20	13.0	4.40	15.60	22.0	1.00	0.01332	0.0340	8.3
								5	18	13.3		13.60				0.0217	7.2
								15	15	13.8		10.60				0.0128	5.6
								45	13	14.2		8.60				0.0075	4.6
								120	12	14.3		7.60				0.0046	4.0
32P-157.50-160.00-D	6/6/06	75.5	0.968	116.75	113.03	149.68	2.602	2	17	13.5	4.40	12.60	22.0	1.01	0.01353	0.0352	8.5
								5	14	14.0		9.60				0.0226	6.5
								15	12	14.3		7.60				0.0132	5.1
								45	10	14.7		5.60				0.0077	3.8
								120	9	14.8		4.60				0.0048	3.1



## Hydrometer Particle Size Analysis

Cuttings samples from NC-EWDP-32P 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/cm <sup>3</sup> )	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
32P-162.50-165.00-D	6/6/06	43.4	0.969	115.52	111.94	257.95	2.609	2	14	14.0	4.40	9.60	22.0	1.01	0.01353	0.0358	3.8
								5	12	14.3		7.60				0.0229	3.0
								15	10	14.7		5.60				0.0134	2.2
								45	9	14.8		4.60				0.0078	1.8
								120	8	15.0		3.60				0.0048	1.4
32P-167.50-170.00-D	6/6/06	59.9	0.966	114.86	110.92	185.05	2.604	2	22	12.7	4.40	17.60	22.0	1.01	0.01353	0.0341	9.6
								5	19	13.2		14.60				0.0220	8.0
								15	16	13.7		11.60				0.0129	6.3
								45	14	14.0		9.60				0.0075	5.2
								120	12	14.3		7.60				0.0047	4.1
32P-172.50-175.00-D	6/6/06	59.7	0.970	115.78	112.33	188.17	2.594	2	22	12.7	4.40	17.60	22.0	1.01	0.01353	0.0341	9.4
								5	19	13.2		14.60				0.0220	7.8
								15	17	13.5		12.60				0.0128	6.8
								45	15	13.8		10.60				0.0075	5.7
								120	13	14.2		8.60				0.0047	4.6
32P-177.50-180.00-D	6/6/06	45.3	0.974	114.33	111.35	245.99	2.576	2	17	13.5	4.40	12.60	22.0	1.01	0.01353	0.0352	5.2
								5	14	14.0		9.60				0.0226	3.9
								15	12	14.3		7.60				0.0132	3.1
								45	10	14.7		5.60				0.0077	2.3
								120	9	14.8		4.60				0.0048	1.9
32P-182.50-185.00-D	6/7/06	38.3	0.979	113.67	111.33	290.66	2.651	2	23	12.5	4.40	18.60	22.0	1.00	0.01332	0.0333	6.4
								5	20	13.0		15.60				0.0215	5.4
								15	17	13.5		12.60				0.0126	4.3
								45	15	13.8		10.60				0.0074	3.6
								120	13	14.2		8.60				0.0046	3.0
32P-187.50-190.00-D	6/7/06	54.6	0.969	114.94	111.43	204.15	2.579	2	18	13.3	4.40	13.60	22.0	1.01	0.01353	0.0349	6.7
								5	16	13.7		11.60				0.0224	5.7
								15	15	13.8		10.60				0.0130	5.2
								45	13	14.2		8.60				0.0076	4.3
								120	12	14.3		7.60				0.0047	3.8
32P-192.50-195.00-D	6/7/06	64.5	0.963	116.48	112.22	174.08	2.595	2	27	11.9	4.40	22.60	22.0	1.01	0.01353	0.0330	13.1
								5	24	12.4		19.60				0.0213	11.4
								15	22	12.7		17.60				0.0124	10.2
								45	20	13.0		15.60				0.0073	9.1
								120	18	13.3		13.60				0.0045	7.9
32P-197.50-200.00-D	6/7/06	63.2	0.969	115.19	111.59	176.59	2.592	2	22	12.7	4.40	17.60	22.0	1.01	0.01353	0.0341	10.1
								5	20	13.0		15.60				0.0218	8.9
								15	17	13.5		12.60				0.0128	7.2
								45	15	13.8		10.60				0.0075	6.1
								120	14	14.0		9.60				0.0046	5.5

## Hydrometer Particle Size Analysis

Cuttings samples from NC-EWDP-32P 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/cm <sup>3</sup> )	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
32P-202.50-205.00-D	6/7/06	72.1	0.965	116.11	111.99	155.39	2.598	2	24	12.4	4.40	19.60	22.0	1.01	0.01353	0.0337	12.7
								5	22	12.7		17.60				0.0216	11.4
								15	20	13.0		15.60				0.0126	10.1
								45	18	13.3		13.60				0.0074	8.8
								120	16	13.7		11.60				0.0046	7.5
32P-207.50-210.00-D	6/7/06	64.0	0.964	115.03	110.89	173.38	2.602	2	24	12.4	4.40	19.60	22.0	1.01	0.01353	0.0337	11.4
								5	21	12.9		16.60				0.0217	9.7
								15	19	13.2		14.60				0.0127	8.5
								45	17	13.5		12.60				0.0074	7.3
								120	15	13.8		10.60				0.0046	6.2
32P-212.50-215.00-D	6/9/06	63.9	0.969	115.86	112.24	175.72	2.608	2	22	12.7	4.40	17.60	22.0	1.01	0.01353	0.0341	10.1
								5	20	13.0		15.60				0.0218	9.0
								15	18	13.3		13.60				0.0127	7.8
								45	16	13.7		11.60				0.0075	6.7
								120	15	13.8		10.60				0.0046	6.1
32P-217.50-220.00-D	6/9/06	59.3	0.969	114.14	110.60	186.43	2.612	2	21	12.9	4.40	16.60	22.0	1.01	0.01353	0.0344	9.0
								5	19	13.2		14.60				0.0220	7.9
								15	17	13.5		12.60				0.0128	6.8
								45	15	13.8		10.60				0.0075	5.7
								120	14	14.0		9.60				0.0046	5.2
32P-222.50-225.00-D	6/9/06	29.3	0.979	113.43	111.10	379.44	2.608	2	16	13.7	4.40	11.60	22.0	1.01	0.01353	0.0354	3.1
								5	14	14.0		9.60				0.0226	2.6
								15	13	14.2		8.60				0.0132	2.3
								45	11	14.5		6.60				0.0077	1.8
								120	10	14.7		5.60				0.0047	1.5
32P-227.50-230.00-D	6/9/06	65.6	0.973	114.31	111.25	169.59	2.579	2	22	12.7	4.40	17.60	22.0	1.01	0.01353	0.0341	10.5
								5	20	13.0		15.60				0.0218	9.3
								15	18	13.3		13.60				0.0127	8.1
								45	16	13.7		11.60				0.0075	6.9
								120	15	13.8		10.60				0.0046	6.3
32P-232.50-235.00-D	6/9/06	59.2	0.966	113.48	109.57	184.94	2.594	2	23	12.5	4.40	18.60	22.0	1.01	0.01353	0.0338	10.2
								5	22	12.7		17.60				0.0216	9.6
								15	20	13.0		15.60				0.0126	8.5
								45	18	13.3		13.60				0.0074	7.4
								120	17	13.5		12.60				0.0045	6.9
32P-237.50-240.00-D	6/9/06	59.3	0.964	116.27	112.14	189.17	2.578	2	25	12.2	4.40	20.83	22.0	1.01	0.01353	0.0334	11.1
								5	23	12.5		18.60				0.0214	9.9
								15	21	12.9		16.60				0.0125	8.9
								45	20	13.0		15.60				0.0073	8.3
								120	18	13.3		13.60				0.0045	7.3

## Hydrometer Particle Size Analysis

Cuttings samples from NC-EWDP-32P 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/cm <sup>3</sup> )	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
32P-242.50-245.00-D	6/19/06	53.1	0.979	114.65	112.22	211.53	2.567	2	15	13.8	4.40	10.60	22.0	1.02	0.01374	0.0361	5.1
								5	13	14.2		8.60				0.0232	4.1
								15	12	14.3		7.60				0.0134	3.7
								45	10	14.7		5.60				0.0079	2.7
								120	9	14.8		4.60				0.0048	2.2
32P-247.50-250.00-D	6/19/06	61.1	0.979	115.56	113.17	185.16	2.544	2	17	13.5	4.40	12.60	22.0	1.02	0.01374	0.0357	6.9
								5	15	13.8		10.60				0.0228	5.8
								15	14	14.0		9.60				0.0133	5.3
								45	13	14.2		8.60				0.0077	4.7
								120	12	14.3		7.60				0.0047	4.2
32P-252.50-255.00-D	6/19/06	46.7	0.980	116.24	113.89	243.81	2.543	2	21	12.9	4.40	16.60	22.0	1.02	0.01374	0.0349	6.9
								5	19	13.2		14.60				0.0223	6.1
								15	17	13.5		12.60				0.0130	5.3
								45	16	13.7		11.60				0.0076	4.9
								120	15	13.8		10.60				0.0047	4.4
32P-257.50-260.00-D	6/19/06	45.8	0.978	115.85	113.35	247.73	2.560	2	20	13.0	4.40	15.60	22.0	1.02	0.01374	0.0350	6.4
								5	19	13.2		14.60				0.0223	6.0
								15	18	13.3		13.60				0.0129	5.6
								45	17	13.5		12.60				0.0075	5.2
								120	16	13.7		11.60				0.0046	4.8
32P-730.00-730.10-D	11/1/06	66.4	0.983	110.68	108.80	163.74	2.566	2	28	11.7	4.20	23.80	23.0	1.02	0.01358	0.0328	14.8
								5	24	12.4		19.80				0.0214	12.3
								15	21	12.9		16.80				0.0126	10.5
								45	19	13.2		14.80				0.0074	9.2
								120	17	13.5		12.80				0.0046	8.0
32P-750.00-750.10-D	11/1/06	75.1	0.974	64.06	62.39	83.04	2.626	2	30	11.4	4.20	25.80	23.0	1.00	0.01317	0.0314	31.1
								5	26	12.0		21.80				0.0204	26.3
								15	23	12.5		18.80				0.0120	22.6
								45	20	13.0		15.80				0.0071	19.0
								120	16	13.7		11.80				0.0044	14.2
32P-770.00-770.10-D	11/1/06	99.4	0.977	51.14	49.95	50.25	2.677	2	34	10.7	4.20	29.80	23.0	0.99	0.01297	0.0300	58.7
								5	31	11.2		26.80				0.0194	52.8
								15	29	11.5		24.80				0.0114	48.9
								45	26	12.0		21.80				0.0067	42.9
								120	22	12.7		17.80				0.0042	35.1
32P-790.00-790.10-D	11/3/06	85.4	0.980	99.21	97.27	113.89	2.630	2	26	12.0	4.40	21.60	22.0	1.00	0.01332	0.0326	19.0
								5	22	12.7		17.60				0.0212	15.5
								15	18	13.3		13.60				0.0125	11.9
								45	14	14.0		9.60				0.0074	8.4
								120	12	14.3		7.60				0.0046	6.7

## Hydrometer Particle Size Analysis

Cuttings samples from NC-EWDP-32P 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/cm <sup>3</sup> )	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
32P-810.00-810.10-D	11/3/06	89.8	0.982	100.04	98.24	109.39	2.605	2	26	12.0	4.40	21.60	22.0	1.01	0.01353	0.0331	19.9
								5	23	12.5		18.60				0.0214	17.2
								15	19	13.2		14.60				0.0127	13.5
								45	17	13.5		12.60				0.0074	11.6
								120	14	14.0		9.60				0.0046	8.9
32P-830.00-830.10-D	11/3/06	92.0	0.973	112.73	109.73	119.25	2.601	2	31	11.2	4.40	26.60	22.0	1.01	0.01353	0.0320	22.5
								5	25	12.2		20.60				0.0211	17.4
								15	20	13.0		15.60				0.0126	13.2
								45	15	13.8		10.60				0.0075	9.0
								120	13	14.2		8.60				0.0047	7.3
32P-850.00-850.10-D	11/8/06	77.0	0.980	110.48	108.31	140.61	2.603	2	19	13.2	4.20	14.80	23.0	1.01	0.01337	0.0343	10.6
								5	17	13.5		12.80				0.0220	9.2
								15	15	13.8		10.80				0.0128	7.8
								45	13	14.2		8.80				0.0075	6.3
								120	12	14.3		7.80				0.0046	5.6
32P-870.00-870.10-D	11/8/06	90.4	0.981	112.49	110.40	122.13	2.580	2	22	12.7	4.20	17.80	23.0	1.01	0.01337	0.0337	14.7
								5	18	13.3		13.80				0.0218	11.4
								15	15	13.8		10.80				0.0128	8.9
								45	14	14.0		9.80				0.0075	8.1
								120	13	14.2		8.80				0.0046	7.3
32P-890.00-890.10-D	11/8/06	99.4	0.995	111.15	110.63	111.25	2.606	2	19	13.2	4.20	14.80	23.0	1.01	0.01337	0.0343	13.4
								5	15	13.8		10.80				0.0222	9.8
								15	12	14.3		7.80				0.0131	7.1
								45	10	14.7		5.80				0.0076	5.3
								120	9	14.8		4.80				0.0047	4.4
32P-910.00-910.10-D	11/10/06	95.5	0.989	116.89	115.65	121.14	2.599	2	14	14.0	4.60	9.40	21.0	1.01	0.01369	0.0362	7.8
								5	13	14.2		8.40				0.0231	7.0
								15	12	14.3		7.40				0.0134	6.2
								45	10	14.7		5.40				0.0078	4.5
								120	10	14.7		5.40				0.0048	4.5
32P-930.00-930.10-D	11/10/06	86.5	0.995	112.78	112.25	129.71	2.584	2	32	11.1	4.60	27.40	21.0	1.01	0.01369	0.0323	21.3
								5	28	11.7		23.40				0.0209	18.2
								15	25	12.2		20.40				0.0123	15.9
								45	22	12.7		17.40				0.0073	13.5
								120	20	13.0		15.40				0.0045	12.0
32P-950.00-950.10-D	11/10/06	98.4	0.992	54.51	54.05	54.94	2.716	2	41	9.6	4.60	36.40	21.0	0.99	0.01328	0.0291	65.6
								5	37	10.2		32.40				0.0190	58.4
								15	33	10.9		28.40				0.0113	51.2
								45	28	11.7		23.40				0.0068	42.2
								120	24	12.4		19.40				0.0043	35.0

## Hydrometer Particle Size Analysis

Cuttings samples from NC-EWDP-32P 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/cm <sup>3</sup> )	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
32P-970.00-970.10-D	11/16/06	75.4	0.995	55.98	55.69	73.86	2.588	2	29	11.5	4.20	24.80	23.0	1.01	0.01337	0.0321	33.9
								5	25	12.2		20.80				0.0209	28.4
								15	23	12.5		18.80				0.0122	25.7
								45	20	13.0		15.80				0.0072	21.6
								120	18	13.3		13.80				0.0045	18.9
32P-990.00-990.10-D	11/16/06	43.2	0.999	111.58	111.48	257.79	2.557	2	31	11.2	4.20	26.80	23.0	1.02	0.01358	0.0321	10.6
								5	25	12.2		20.80				0.0212	8.2
								15	19	13.2		14.80				0.0127	5.9
								45	15	13.8		10.80				0.0075	4.3
								120	12	14.3		7.80				0.0047	3.1
32P-730.10-732.50-D	11/16/06	60.9	0.996	110.44	110.05	180.67	2.545	2	32	11.1	4.20	27.80	23.0	1.02	0.01358	0.0320	15.7
								5	29	11.5		24.80				0.0206	14.0
								15	25	12.2		20.80				0.0122	11.7
								45	22	12.7		17.80				0.0072	10.0
								120	20	13.0		15.80				0.0045	8.9

## Wet Sieve Censoring Report

Test ID	Sample Number	Test Date	Sample Weight	Initials	Reasons for Censoring
50	32P-247.50-250.00-D	5/17/06	998.90	<input checked="" type="checkbox"/>	Special precautions to collect fines were not taken during sampling; samples are not considered representative.
51	32P-252.50-255.00-D	5/17/06	721.80	<input checked="" type="checkbox"/>	Special precautions to collect fines were not taken during sampling; samples are not considered representative.
52	32P-257.50-260.00-D	5/17/06	810.80	<input checked="" type="checkbox"/>	Special precautions to collect fines were not taken during sampling; samples are not considered representative.
64	32P-950.00-950.10-D	11/13/06	377.90	<input checked="" type="checkbox"/>	Indurated non-alluvium sample; test should not have been performed.
65	32P-970.00-970.10-D	11/16/06	375.90	<input checked="" type="checkbox"/>	Indurated non-alluvium sample; test should not have been performed.
66	32P-990.00-990.10-D	11/16/06	455.50	<input checked="" type="checkbox"/>	Indurated non-alluvium sample; test should not have been performed.

# Wet Sieve Particle Size Analysis

Cuttings samples from NC-EWDP-32P

Sample Number	Test Start Date	Sample Weight (g)	Hygroscopic Moisture Correction Factor (g/g)	Oven Dried Sample Weight (g)	Percent of Sample Passing								
					3-inch Sieve	1½-inch Sieve	¾-inch Sieve	3/8-inch Sieve	No. 4 Sieve	No. 10 Sieve	No. 40 Sieve	No. 100 Sieve	No. 200 Sieve
32P-2.50-5.00-D	5/10/06	353.6	0.997	352.4	100.0	100.0	93.2	87.9	77.0	62.3	26.8	8.7	4.6
32P-7.50-10.00-D	5/10/06	670.8	0.995	667.5	100.0	100.0	100.0	82.6	61.7	41.0	18.9	5.5	3.2
32P-12.50-15.00-D	5/10/06	510.4	0.992	506.6	100.0	100.0	100.0	88.6	75.1	62.2	41.7	11.4	6.3
32P-17.50-20.00-D	5/10/06	548.2	0.989	542.2	100.0	100.0	100.0	89.6	80.2	69.2	47.0	23.1	16.2
32P-22.50-25.00-D	5/10/06	434.6	0.993	431.6	100.0	100.0	100.0	91.4	74.5	61.1	35.1	12.5	6.6
32P-27.50-30.00-D	5/10/06	428.2	0.995	426.0	100.0	100.0	100.0	80.3	62.7	50.4	32.0	8.5	4.7
32P-32.50-35.00-D	5/10/06	544.1	0.995	541.6	100.0	100.0	100.0	85.0	66.4	46.3	20.8	9.0	6.5
32P-37.50-40.00-D	5/10/06	568.4	0.986	560.6	100.0	100.0	100.0	83.3	64.3	51.5	34.1	17.7	11.6
32P-42.50-45.00-D	5/10/06	628.6	0.993	624.4	100.0	100.0	100.0	93.3	85.6	75.4	54.7	22.4	13.5
32P-47.50-50.00-D	5/10/06	610.6	0.992	605.8	100.0	100.0	100.0	90.8	76.8	54.0	21.2	7.5	4.5
32P-52.50-55.00-D	5/11/06	711.4	0.992	706.0	100.0	100.0	100.0	90.8	75.3	57.1	31.0	13.6	9.5
32P-57.50-60.00-D	5/11/06	675.9	0.991	670.1	100.0	100.0	100.0	85.4	65.7	40.9	12.7	6.5	4.7
32P-62.50-65.00-D	5/11/06	820.7	0.990	812.3	100.0	100.0	100.0	90.4	81.7	71.8	41.0	6.7	3.7
32P-67.50-70.00-D	5/11/06	1121.8	0.982	1102.1	100.0	100.0	100.0	88.5	70.6	54.8	31.6	11.7	7.1
32P-72.50-75.00-D	5/11/06	1222.4	0.978	1195.4	100.0	100.0	100.0	90.6	78.5	65.0	40.7	16.7	11.5
32P-77.50-80.00-D	5/11/06	1086.0	0.987	1071.6	100.0	100.0	100.0	90.1	77.4	63.0	34.8	11.7	7.6
32P-82.50-85.00-D	5/11/06	1107.2	0.985	1090.4	100.0	100.0	100.0	88.3	70.0	53.7	28.2	13.9	10.1
32P-87.50-90.00-D	5/11/06	1227.2	0.985	1208.3	100.0	100.0	100.0	83.6	65.0	51.9	31.9	11.8	7.6
32P-92.50-95.00-D	5/11/06	978.3	0.989	967.7	100.0	100.0	100.0	82.4	57.7	39.8	19.6	7.8	5.4
32P-97.50-100.00-D	5/11/06	801.0	0.987	790.3	100.0	100.0	100.0	79.3	56.2	40.6	19.1	6.9	4.7
32P-102.50-105.00-D	5/12/06	1186.6	0.971	1151.7	100.0	100.0	100.0	93.2	80.9	66.9	43.1	19.7	13.0

# Wet Sieve Particle Size Analysis

Cuttings samples from NC-EWDP-32P

Sample Number	Test Start Date	Sample Weight (g)	Hygroscopic Moisture Correction Factor (g/g)	Oven Dried Sample Weight (g)	Percent of Sample Passing								
					3-inch Sieve	1½-inch Sieve	¾-inch Sieve	3/8-inch Sieve	No. 4 Sieve	No. 10 Sieve	No. 40 Sieve	No. 100 Sieve	No. 200 Sieve
32P-107.50-110.00-D	5/12/06	837.2	0.976	816.8	100.0	100.0	100.0	77.0	56.2	36.5	14.1	5.4	3.5
32P-112.50-115.00-D	5/12/06	878.4	0.964	847.1	100.0	100.0	100.0	90.7	75.9	63.9	38.6	11.6	7.2
32P-117.50-120.00-D	5/12/06	1086.4	0.965	1048.4	100.0	100.0	100.0	93.5	85.1	75.1	48.2	22.4	13.5
32P-122.50-125.00-D	5/12/06	1061.0	0.967	1025.7	100.0	100.0	100.0	93.8	84.0	72.7	37.8	15.0	9.2
32P-127.50-130.00-D	5/12/06	1144.9	0.962	1100.9	100.0	100.0	100.0	90.1	77.2	64.4	35.4	11.9	6.8
32P-132.50-135.00-D	5/12/06	946.3	0.981	928.1	100.0	100.0	100.0	73.5	46.5	29.9	12.5	4.6	2.5
32P-137.50-140.00-D	5/12/06	836.5	0.977	817.0	100.0	100.0	100.0	81.9	60.0	40.7	19.3	7.4	4.2
32P-142.50-145.00-D	5/12/06	1296.7	0.962	1247.7	100.0	100.0	100.0	90.3	75.6	60.1	35.8	18.7	13.2
32P-147.50-150.00-D	5/12/06	1238.2	0.975	1207.8	100.0	100.0	100.0	90.5	78.5	61.1	31.4	12.2	8.3
32P-152.50-155.00-D	5/15/06	1138.4	0.978	1113.0	100.0	100.0	100.0	88.7	73.4	58.6	32.8	15.4	9.9
32P-157.50-160.00-D	5/15/06	1114.9	0.972	1083.9	100.0	100.0	100.0	91.5	84.8	75.5	45.3	17.6	9.9
32P-162.50-165.00-D	5/15/06	901.0	0.978	881.1	100.0	100.0	100.0	81.6	60.9	43.4	24.1	8.4	4.7
32P-167.50-170.00-D	5/15/06	1123.2	0.971	1091.1	100.0	100.0	100.0	89.6	75.1	59.9	33.0	15.5	9.9
32P-172.50-175.00-D	5/15/06	1009.2	0.976	985.0	100.0	100.0	100.0	91.1	76.8	59.7	32.4	15.2	10.3
32P-177.50-180.00-D	5/15/06	1174.2	0.980	1150.8	100.0	100.0	100.0	85.1	66.9	45.3	17.7	7.7	5.0
32P-182.50-185.00-D	5/15/06	873.1	0.987	862.0	100.0	100.0	100.0	83.7	57.4	38.3	17.4	9.9	7.2
32P-187.50-190.00-D	5/15/06	1107.2	0.978	1082.4	100.0	100.0	100.0	92.0	73.9	54.6	27.1	10.8	7.5
32P-192.50-195.00-D	5/15/06	685.9	0.969	665.0	100.0	100.0	100.0	92.1	80.5	64.5	35.2	19.0	14.0
32P-197.50-200.00-D	5/15/06	1150.3	0.973	1118.9	100.0	100.0	100.0	87.8	77.5	63.2	36.7	17.8	12.5
32P-202.50-205.00-D	5/16/06	722.7	0.957	691.4	100.0	100.0	100.0	92.2	83.3	72.1	46.9	21.0	14.2
32P-207.50-210.00-D	5/16/06	1001.8	0.970	972.2	100.0	100.0	100.0	89.6	76.2	64.0	37.9	17.9	12.5



# Wet Sieve Particle Size Analysis

Cuttings samples from NC-EWDP-32P

Sample Number	Test Start Date	Sample Weight (g)	Hygroscopic Moisture Correction Factor (g/g)	Oven Dried Sample Weight (g)	Percent of Sample Passing								
					3-inch Sieve	1½-inch Sieve	¾-inch Sieve	3/8-inch Sieve	No. 4 Sieve	No. 10 Sieve	No. 40 Sieve	No. 100 Sieve	No. 200 Sieve
32P-212.50-215.00-D	5/16/06	794.1	0.969	769.8	100.0	100.0	100.0	92.7	79.9	63.9	35.5	16.1	10.7
32P-217.50-220.00-D	5/16/06	869.3	0.969	842.3	100.0	100.0	100.0	86.1	71.8	59.3	34.2	16.2	10.8
32P-222.50-225.00-D	5/16/06	1050.9	0.978	1027.8	100.0	100.0	100.0	79.2	50.7	29.3	10.7	5.4	3.7
32P-227.50-230.00-D	5/17/06	1084.6	0.969	1051.5	100.0	100.0	100.0	92.1	80.2	65.6	33.4	17.2	13.1
32P-232.50-235.00-D	5/17/06	920.0	0.965	888.1	100.0	100.0	100.0	87.3	73.6	59.2	33.9	16.0	11.7
32P-237.50-240.00-D	5/17/06	1112.2	0.968	1076.6	100.0	100.0	100.0	91.0	76.1	59.3	29.8	15.1	11.6
32P-242.50-245.00-D	5/17/06	683.2	0.976	666.9	100.0	100.0	100.0	87.3	69.0	53.1	19.4	7.2	5.7
32P-247.50-250.00-D	5/17/06	998.9	0.967	966.1	100.0	100.0	100.0	93.1	81.8	61.1	18.3	9.6	7.8
32P-252.50-255.00-D	5/17/06	721.8	0.977	704.9	100.0	100.0	100.0	91.0	69.6	46.7	16.4	10.1	8.2
32P-257.50-260.00-D	5/17/06	810.8	0.975	790.5	100.0	100.0	100.0	91.4	71.2	45.8	18.7	10.0	8.2
32P-730.00-730.10-D	11/1/06	582.1	0.980	570.4	100.0	100.0	100.0	98.4	89.5	66.4	34.1	24.7	20.8
32P-730.10-732.50-D	11/16/06	635.2	0.830	527.3	100.0	100.0	100.0	99.3	87.5	60.9	22.2	8.7	4.0
32P-750.00-750.10-D	11/1/06	182.0	0.725	131.9	100.0	100.0	100.0	100.0	91.8	75.1	56.0	36.9	28.6
32P-770.00-770.10-D	11/1/06	842.5	0.956	805.5	100.0	100.0	100.0	100.0	100.0	99.4	97.5	94.3	83.5
32P-790.00-790.10-D	11/3/06	296.3	0.839	248.7	100.0	100.0	100.0	97.8	92.1	85.4	76.6	56.3	42.5
32P-810.00-810.10-D	11/3/06	301.1	0.775	233.5	100.0	100.0	100.0	100.0	94.6	89.8	74.3	47.1	26.7
32P-830.00-830.10-D	11/3/06	243.3	0.834	203.0	100.0	100.0	100.0	97.2	96.4	92.0	77.2	51.9	30.2
32P-850.00-850.10-D	11/8/06	647.5	0.855	553.4	100.0	100.0	100.0	95.0	86.8	77.0	54.5	27.1	9.7
32P-870.00-870.10-D	11/8/06	674.4	0.934	629.6	100.0	100.0	100.0	100.0	97.7	90.4	72.3	52.7	36.9
32P-890.00-890.10-D	11/8/06	729.5	0.854	623.3	100.0	100.0	100.0	100.0	100.0	99.4	94.3	61.6	37.0
32P-910.00-910.10-D	11/13/06	1991.7	0.811	1614.9	100.0	100.0	100.0	100.0	98.4	95.5	77.7	25.0	6.4

# Wet Sieve Particle Size Analysis

Cuttings samples from NC-EWDP-32P

Sample Number	Test Start Date	Sample Weight (g)	Hygroscopic Moisture Correction Factor (g/g)	Oven Dried Sample Weight (g)	Percent of Sample Passing								
					3-inch Sieve	1½-inch Sieve	¾-inch Sieve	3/8-inch Sieve	No. 4 Sieve	No. 10 Sieve	No. 40 Sieve	No. 100 Sieve	No. 200 Sieve
32P-930.00-930.10-D	11/13/06	415.1	0.616	255.6	100.0	100.0	100.0	100.0	96.4	86.5	69.7	32.4	9.9
32P-950.00-950.10-D	11/13/06	377.9	0.714	269.8	100.0	100.0	100.0	100.0	100.0	98.4	95.5	90.7	87.3
32P-970.00-970.10-D	11/16/06	375.9	0.615	231.3	100.0	100.0	100.0	100.0	94.6	75.4	52.1	39.6	26.1
32P-990.00-990.10-D	11/16/06	455.5	0.978	445.6	100.0	100.0	100.0	99.3	83.5	43.2	32.6	25.0	20.5