Electrical Conductivity

Cuttings samples from NC-EWDP-22PC

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	22PC-2.5-5.0-D	3/1/05	200.5	306.7	106.2	0.969	102.9	99.6	243
5	22PC-22.5-25.0-D	3/1/05	200.6	307.8	107.2	0.994	106.6	106.0	294
9	22PC-42.5-45.0-D	3/1/05	200.7	306.3	105.6	0.980	103.5	101.5	196
13	22PC-60.0-62.5-D	3/1/05	201.9	309.2	107.3	0.979	105.0	102.8	127
17	22PC-80.0-82.5-D	3/1/05	199.6	305.6	106.0	0.968	102.6	99.3	127
21	22PC-100.0-102.5-D	3/1/05	200.4	302.5	102.1	0.982	100.2	98.4	118
25	22PC-117.5-120.0-D	3/1/05	200.6	302.3	101.7	0.982	99.9	98.1	146
29	22PC-137.5-140.0-D	3/1/05	200.7	308.9	108.2	0.978	105.8	103.4	109
33	22PC-157.5-160.0-D	3/1/05	199.4	309.5	110.1	0.965	106.3	102.5	158
37	22PC-177.5-180.0-D	3/1/05	199.6	306.9	107.3	0.956	102.6	97.9	155
38	22PC-182.5-185.0-D	3/1/05	200.7	308.1	107.4	0.945	101.5	95.5	114
39	22PC-187.5-190.0-D	3/1/05	200.7	302.9	102.2	0.948	96.9	91.6	114
40	22PC-192.5-195.0-D	3/1/05	199.5	307.8	108.3	0.946	102.5	96.7	102
41	22PC-197.5-200.0-D	3/1/05	199.5	308.8	109.3	0.950	103.8	98.3	147
42	22PC-202.5-205.0-D	3/1/05	199.9	303.7	103.8	0.952	98.8	93.8	151
43	22PC-207.5-210.0-D	3/1/05	200.7	303.2	102.5	0.950	97.4	92.3	139
44	22PC-212.5-215.0-D	3/1/05	200.5	304.9	104.4	0.972	101.5	98.7	130
45	22PC-217.5-220.0-D	3/1/05	200.7	305.4	104.7	0.966	101.1	97.5	116
46	22PC-222.5-225.0-D	3/1/05	199.4	303.7	104.3	0.950	99.1	93.8	119
47	22PC-227.5-230.0-D	3/1/05	200.7	304.2	103.5	0.958	99.1	94.8	87
48	22PC-232.5-235.0-D	3/2/05	199.4	305.4	106.0	0.960	101.8	97.5	85
49	22PC-237.5-240.0-D	3/2/05	199.3	306.7	107.4	0.973	104.5	101.6	77
50	22PC-242.5-245.0-D	3/2/05	200.6	307.5	106.9	0.971	103.8	100.6	109
51	22PC-247.5-250.0-D	3/2/05	199.6	301.2	101.6	0.969	98.5	95.4	45
52	22PC-252.5-255.0-D	3/2/05	199.5	304.2	104.7	0.962	100.8	96.8	50
53	22PC-257.5-260.0-D	3/2/05	199.5	302.9	103.4	0.958	99.1	94.7	87
54	22PC-262.5-265.0-D	3/2/05	199.2	308.6	109.4	0.946	103.5	97.5	44
55	22PC-267.5-270.0-D	3/2/05	199.7	305.9	106.2	0.951	101.0	95.7	45
56	22PC-272.5-275.0-D	3/2/05	199.6	303.2	103.6	0.939	97.3	91.1	36
57	22PC-277.5-280.0-D	3/2/05	199.4	302.9	103.5	0.952	98.6	93.6	38
58	22PC-282.5-285.0-D	3/7/05	200.6	306.8	106.2	0.959	101.9	97.6	70
59	22PC-287.5-290.0-D	3/7/05	199.2	303.8	104.6	0.955	99.9	95.2	91
60	22PC-292.5-295.0-D	3/7/05	199.6	304.3	104.7	0.934	97.8	90.9	49
61	22PC-297.5-300.0-D	3/7/05	200.1	306.6	106.5	0.952	101.4	96.2	41
62	22PC-302.5-305.0-D	3/7/05	200.1	302.3	102.2	0.958	97.9	93.7	53

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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)
63	22PC-307.5-310.0-D	3/7/05	200.3	305.3	105.0	0.949	99.6	94.2	46
64	22PC-312.5-315.0-D	3/7/05	199.7	303.7	104.0	0.941	97.9	91.8	34
65	22PC-317.5-320.0-D	3/7/05	199.7	302.6	102.9	0.942	97.0	91.0	33
66	22PC-322.5-325.0-D	3/7/05	200.1	306.4	106.3	0.952	101.2	96.1	44
67	22PC-327.5-330.0-D	3/7/05	200.3	302.7	102.4	0.951	97.4	92.4	49
68	22PC-332.5-335.0-D	3/8/05	199.7	307.8	108.1	0.961	103.9	99.7	42
69	22PC-337.5-340.0-D	3/8/05	199.8	304.1	104.3	0.957	99.8	95.3	56
70	22PC-342.5-345.0-D	3/8/05	199.8	304.8	105.0	0.947	99.5	93.9	46
71	22PC-347.5-350.0-D	3/8/05	200.2	305.4	105.2	0.936	98.4	91.6	45
72	22PC-352.5-355.0-D	3/8/05	199.8	303.3	103.5	0.959	99.3	95.1	61
73	22PC-357.5-360.0-D	3/8/05	200.2	302.2	102.0	0.949	96.8	91.6	52
74	22PC-362.5-365.0-D	3/8/05	200.2	305.9	105.7	0.941	99.5	93.3	52
75	22PC-367.5-370.0-D	3/8/05	200.2	307.6	107.4	0.936	100.5	93.6	49
76	22PC-372.5-375.0-D	3/8/05	200.3	302.9	102.6	0.945	96.9	91.3	45
77	22PC-377.5-380.0-D	3/8/05	200.2	307.2	107.0	0.918	98.2	89.5	66
78	22PC-382.5-385.0-D	3/8/05	199.7	304.2	104.5	0.946	98.9	93.3	50
79	22PC-387.5-390.0-D	3/8/05	200.7	303.9	103.2	0.946	97.6	92.0	36
80	22PC-392.5-395.0-D	3/8/05	199.7	304.1	104.4	0.950	99.2	93.9	36
81	22PC-397.5-400.0-D	3/15/05	199.8	302.1	102.3	0.943	96.5	90.6	55
82	22PC-402.5-405.0-D	3/15/05	199.8	303.4	103.6	0.940	97.4	91.2	42
83	22PC-407.5-410.0-D	3/15/05	199.7	304.5	104.8	0.969	101.6	98.4	39
84	22PC-412.5-415.0-D	3/15/05	199.8	302.3	102.5	0.951	97.4	92.4	37
85	22PC-417.5-420.0-D	3/15/05	200.2	306.2	106.0	0.947	100.3	94.7	42
86	22PC-422.5-425.0-D	3/15/05	200.2	302.3	102.1	0.953	97.3	92.4	32
87	22PC-427.5-430.0-D	3/15/05	199.7	303.2	103.5	0.935	96.8	90.0	38
88	22PC-432.5-435.0-D	3/15/05	199.8	305.9	106.1	0.941	99.9	93.6	38
89	22PC-437.5-440.0-D	3/15/05	199.7	304.4	104.7	0.929	97.3	89.9	53
90	22PC-442.5-445.0-D	3/15/05	200.2	302.7	102.5	0.918	94.1	85.8	61
91	22PC-447.5-450.0-D	3/15/05	200.1	306.3	106.2	0.932	99.0	91.7	40
92	22PC-452.5-455.0-D	3/15/05	200.3	302.3	102.0	0.953	97.2	92.4	39
93	22PC-457.5-460.0-D	3/15/05	199.7	304.4	104.7	0.934	97.8	90.8	79

Electrical Conductivity

Core grab samples from NC-EWDP-22PC

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	22PC-460.0-460.5-SC	12/7/04	200.1	303.7	103.6	0.960	99.5	95.3	191
2	22PC-460.5-461.1-SC	12/7/04	200.2	304.5	104.3	0.949	98.9	93.6	128
3	22PC-461.1-461.8-SC	12/7/04	199.8	302.8	103.0	0.956	98.5	94.0	121
4	22PC-461.8-463.7-SC	12/7/04	199.9	302.5	102.6	0.957	98.2	93.7	327
5	22PC-463.7-464.2-SC	12/7/04	200.0	303.2	103.2	0.937	96.7	90.1	317
6	22PC-464.2-466.3-SC	12/7/04	199.8	303.7	103.9	0.951	98.8	93.8	204
7	22PC-466.3-468.1-SC	12/7/04	199.8	304.3	104.5	0.958	100.1	95.7	147
8	22PC-468.1-469.1-SC	12/7/04	200.1	303.9	103.8	0.948	98.4	93.1	145
9	22PC-469.1-471.4-SC	12/7/04	200.0	302.8	102.8	0.964	99.1	95.5	151
10	22PC-471.4-473.2-SC	12/7/04	199.8	303.2	103.4	0.953	98.6	93.7	208