Alluvium Drill Cuttings Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Borehole ID: **NC-EWDP-10P** (Phase 3)

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
9/10/2001	BCS00011026	0.00	2.50	Fine sand. Caliche rind. Grading does not apply to SM or GM.
9/10/2001	BCS00011027	2.50	5.00	Caliche rind.
9/10/2001	BCS00011028	5.00	7.50	Caliche rind.
9/10/2001	BCS00011029	7.50	10.00	Caliche rind. Grading does not apply to SM or GM.
9/10/2001	BCS00011030	10.00	12.50	Caliche rind.
9/10/2001	BCS00011031	12.50	15.00	
9/10/2001	BCS00011032	15.00	17.50	
9/10/2001	BCS00011033	17.50	20.00	Grading does not apply to SM or GM.
9/10/2001	BCS00011034	20.00	22.50	Grading does not apply to SM or GM.
9/10/2001	BCS00011035	22.50	25.00	
9/10/2001	BCS00011036	25.00	27.50	
9/10/2001	BCS00011037	27.50	30.00	
9/10/2001	BCS00011038	30.00	32.50	
9/10/2001	BCS00011039	32.50	35.00	
9/10/2001	BCS00011040	35.00	37.50	
9/10/2001	BCS00011041	37.50	40.00	
9/10/2001	BCS00011042	40.00	42.50	
9/10/2001	BCS00011043	42.50	45.00	
9/10/2001	BCS00011044	45.00	47.50	
9/10/2001	BCS00011045	47.50	50.00	

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Borehole ID: **NC-EWDP-10P** (Phase 3)

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
9/10/2001	BCS00011046	50.00	52.50	
9/10/2001	BCS00011047	52.50	55.00	
9/10/2001	BCS00011048	55.00	57.50	
9/12/2001	BCS00011050	60.00	62.50	
9/12/2001	BCS00011051	62.50	65.00	
9/12/2001	BCS00011052	65.00	67.50	
9/12/2001	BCS00011053	67.50	70.00	
9/12/2001	BCS00011054	70.00	72.50	
9/12/2001	BCS00011055	72.50	75.00	
9/12/2001	BCS00011056	75.00	77.50	
9/12/2001	BCS00011057	77.50	80.00	
9/12/2001	BCS00011058	80.00	82.50	
9/12/2001	BCS00011059	82.50	85.00	
9/12/2001	BCS00011060	85.00	87.50	
9/12/2001	BCS00011061	87.50	90.00	Grading does not apply to SM.
9/12/2001	BCS00011062	90.00	92.50	
9/12/2001	BCS00011063	92.50	95.00	
9/12/2001	BCS00011064	95.00	97.50	
9/12/2001	BCS00011065	97.50	100.00	
9/12/2001	BCS00011066	100.00	102.50	

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Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
9/12/2001	BCS00011067	102.50	105.00	
9/12/2001	BCS00011068	105.00	107.50	
9/12/2001	BCS00011069	107.50	110.00	
9/12/2001	BCS00011070	110.00	112.50	
9/12/2001	BCS00011071	112.50	115.00	
9/12/2001	BCS00011072	115.00	117.50	
9/12/2001	BCS00011073	117.50	120.00	
9/12/2001	BCS00011074	120.00	122.50	
9/12/2001	BCS00011075	122.50	125.00	
9/12/2001	BCS00011076	125.00	127.50	
9/12/2001	BCS00011077	127.50	130.00	
9/12/2001	BCS00011078	130.00	132.50	
9/12/2001	BCS00011079	132.50	135.00	
9/12/2001	BCS00011080	135.00	137.50	
9/12/2001	BCS00011081	137.50	140.00	
9/12/2001	BCS00011082	140.00	142.50	
9/12/2001	BCS00011083	142.50	145.00	
9/12/2001	BCS00011084	145.00	147.50	
9/12/2001	BCS00011085	147.50	150.00	
9/12/2001	BCS00011086	150.00	152.50	

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Borehole ID: **NC-EWDP-10P** (Phase 3)

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
9/12/2001	BCS00011087	152.50	155.00	
9/12/2001	BCS00011088	155.00	157.50	
9/12/2001	BCS00011089	157.50	160.00	
9/12/2001	BCS00011090	160.00	162.50	
9/12/2001	BCS00011091	162.50	165.00	
9/12/2001	BCS00011092	165.00	167.50	
9/13/2001	BCS00011093	167.50	170.00	Drove core run (10-2) from 167.49 - 169.91'. Sampler empty weighed 31.2 Kg and with sample weighed 40.9 Kg. Finer grained with less gravel from 167.5 - 182.5'. Sample 2-5 (BAS0003127), Box #2 (FCT01000798), 7-4: Conglomerate consisting of black (N1) basalt, grayish orange pink (5YR 7/2) very fine grained ash fall tuff, moderate orange pink (10R 7/4) quartz and grayish red (10R 4/2) welded tuff.
9/13/2001	BCS00011094	170.00	172.50	
9/13/2001	BCS00011095	172.50	175.00	
9/13/2001	BCS00011096	175.00	177.50	
9/13/2001	BCS00011097	177.50	180.00	
9/13/2001	BCS00011098	180.00	182.50	
9/13/2001	BCS00011099	182.50	185.00	Driller says that it was cemented from 182 - 185'.
9/13/2001	BCS00011100	185.00	187.50	
9/13/2001	BCS00011101	187.50	190.00	
9/13/2001	BCS00011102	190.00	192.50	
9/13/2001	BCS00011103	192.50	195.00	
9/13/2001	BCS00011104	195.00	197.50	
9/13/2001	BCS00011105	197.50	200.00	
9/13/2001	BCS00011106	200.00	202.50	

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Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
9/13/2001	BCS00011107	202.50	205.00	
9/13/2001	BCS00011108	205.00	207.50	Slightly moist.
9/13/2001	BCS00011109	207.50	210.00	
9/13/2001	BCS00011110	210.00	212.50	
9/13/2001	BCS00011111	212.50	215.00	
9/13/2001	BCS00011112	215.00	217.50	
9/13/2001	BCS00011113	217.50	220.00	
9/13/2001	BCS00011114	220.00	222.50	
9/13/2001	BCS00011115	222.50	225.00	
9/13/2001	BCS00011116	225.00	227.50	
9/13/2001	BCS00011117	227.50	230.00	
9/13/2001	BCS00011118	230.00	232.50	
9/13/2001	BCS00011119	232.50	235.00	
9/13/2001	BCS00011120	235.00	237.50	
9/13/2001	BCS00011121	237.50	240.00	
9/13/2001	BCS00011122	240.00	242.50	
9/13/2001	BCS00011123	242.50	245.00	
9/13/2001	BCS00011124	245.00	247.50	Note* Pulling out of hole NC-EWDP-10P, and leaving site to NC-EWDP-18P, drilled to 247.5' on 9-13-01. Moved off NC-EWDP-10P on 9-14-01 to allow Beylik to drill NC-EWDP-10S on site.
9/18/2001	BCS00011125	247.50	250.00	October 24, 2001 THF drilling returned to NC-EWDP-10P and continued completing borehole.
9/18/2001	BCS00011126	250.00	252.50	On 10-25-01, sample completion of 251 - 252.5' was contaminated with oil from compressor filter leaking.

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Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
10/26/2001	BCS00011127	252.50	255.00	Gravel is sample sticking to casing and rod. Drilling wet (water in hole).
10/26/2001	BCS00011128	255.00	257.50	
10/26/2001	BCS00011129	257.50	260.00	Start using downhole water and injecting to keep hole clear. Grading does not apply to SM.
10/26/2001	BCS00011130	260.00	262.50	Grading does not apply to SM.
10/26/2001	BCS00011131	262.50	265.00	
10/26/2001	BCS00011132	265.00	267.50	
10/26/2001	BCS00011133	267.50	270.00	
10/26/2001	BCS00011134	270.00	272.50	Driller stated formation cemented for 2.5'.
10/26/2001	BCS00011135	272.50	275.00	
10/26/2001	BCS00011136	275.00	277.50	I believe the gravel component is greater % of volume due to fines washing out of bucket during collection.
10/26/2001	BCS00011137	277.50	280.00	
10/26/2001	BCS00011138	280.00	282.50	
10/26/2001	BCS00011139	282.50	285.00	
10/26/2001	BCS00011140	285.00	287.50	
10/26/2001	BCS00011141	287.50	290.00	
10/26/2001	BCS00011142	290.00	292.50	Angular sand size grains of volcanic tuff.
10/26/2001	BCS00011143	292.50	295.00	Sounded hole after break down 9 5/8" casing and no response of water in hole, the tape was damp/wet probably from condensation in casing.
10/31/2001	BCS00011144	295.00	297.50	Silty sand olive grey, could be wind blown sand as this coats heterolithic volcanic chips. Grading does not apply to SM or ML.
10/31/2001	BCS00011145	297.50	300.00	Grading does not apply to SM or ML.
10/31/2001	BCS00011146	300.00	302.50	Drilling dry with air and drag bit, sample moist due to hole 10S lost circulation. Grading does not apply to SM.

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Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
11/1/2001	BCS00011147	302.50	305.00	Grading does not apply to SM.
11/3/2001	BCS00011148	305.00	307.50	Start hammer 6 5/8" drilling with 6 5/8" tubex casing.
11/3/2001	BCS00011149	307.50	310.00	Grading does not apply to SM.
11/3/2001	BCS00011150	310.00	312.50	Grading does not apply to SM.
11/3/2001	BCS00011151	312.50	315.00	Grading does not apply to SM.
11/3/2001	BCS00011152	315.00	317.50	Grading does not apply to SM.
11/3/2001	BCS00011153	317.50	320.00	Grading does not apply to SM.
11/3/2001	BCS00011154	320.00	322.50	Grading does not apply to SM.
11/3/2001	BCS00011155	322.50	325.00	Grading does not apply to SM.
11/5/2001	BCS00011156	325.00	327.50	Grading does not apply to SM or SC.
11/5/2001	BCS00011157	327.50	330.00	Start collecting sample bucket under cyclone instead of 1/2 cyclone duct. Grading does not apply to SM or SC.
11/5/2001	BCS00011158	330.00	332.50	Grading does not apply to SM or SC.
11/5/2001	BCS00011159	332.50	335.00	Grading does not apply to SM or SC.
11/5/2001	BCS00011160	335.00	337.50	Grading does not apply to SM or SC.
11/5/2001	BCS00011161	337.50	340.00	Grading does not apply to SM or SC.
11/5/2001	BCS00011162	340.00	342.50	Grading does not apply to SM or SC.
11/5/2001	BCS00011163	342.50	345.00	Grading does not apply to SM or SC.
11/5/2001	BCS00011164	345.00	347.50	End of cuttings, will take core run. Grading does not apply to SM or SC.
11/5/2001	BCS00011165	347.50	350.00	Core run was only 1.11' drive core so we collected cuttings in the overdrill to 350'. Core run #3 (347.95 - 349.06') processed on 1-31-02, BAS00004011. Grading does not apply to SM or SC.
11/5/2001	BCS00011166	350.00	352.50	Collecting full buckets under cyclone / 1/2 collection insufficient volume.

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Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
11/5/2001	BCS00011167	352.50	355.00	Grading does not apply to SM or SC.
11/5/2001	BCS00011168	355.00	357.50	Grading does not apply to SM or SC.
11/5/2001	BCS00011169	357.50	360.00	Grading does not apply to SM or SC.
11/5/2001	BCS00011170	360.00	362.50	Grading does not apply to SM or SC.
11/5/2001	BCS00011171	362.50	365.00	Grading does not apply to SM or SC.
11/5/2001	BCS00011172	365.00	367.50	Grading does not apply to SM or SC.
11/5/2001	BCS00011173	367.50	370.00	Grading does not apply to SM or SC.
11/5/2001	BCS00011174	370.00	372.50	Grading does not apply to SM or SC.
11/5/2001	BCS00011175	372.50	375.00	Grading does not apply to SM or SC.
11/5/2001	BCS00011176	375.00	377.50	Collecting with bucket fully under cyclone (total sample). Grading does not apply to SM.
11/5/2001	BCS00011177	377.50	380.00	Grading does not apply to SM.
11/5/2001	BCS00011178	380.00	382.50	Grading does not apply to SM.
11/5/2001	BCS00011179	382.50	385.00	Grading does not apply to SM.
11/5/2001	BCS00011180	385.00	387.50	Grading does not apply to SM.
11/5/2001	BCS00011181	387.50	390.00	Grading does not apply to SM.
11/5/2001	BCS00011182	390.00	392.50	Grading does not apply to SM.
11/5/2001	BCS00011183	392.50	395.00	Grading does not apply to SM.
11/5/2001	BCS00011184	395.00	397.50	Grading does not apply to SM.
11/5/2001	BCS00011185	397.50	400.00	
11/6/2001	BCS00011186	400.00	402.50	Grading does not apply to SM.

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Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
11/6/2001	BCS00011187	402.50	405.00	Grading does not apply to SM.
11/6/2001	BCS00011188	405.00	407.50	Grading does not apply to SM.
11/6/2001	BCS00011189	407.50	410.00	
11/6/2001	BCS00011190	410.00	412.50	Grading does not apply to SM.
11/6/2001	BCS00011191	412.50	415.00	Grading does not apply to SM.
11/6/2001	BCS00011192	415.00	417.50	Cemented sand (sandstone) came out of sample +/- 2", (1" @ 425'). Grading does not apply to SM.
11/6/2001	BCS00011193	417.50	420.00	Grading does not apply to SM.
11/6/2001	BCS00011194	420.00	422.50	Grading does not apply to SM.
11/6/2001	BCS00011195	422.50	425.00	Cemented sand (sandstone) came out of sample +- 2", (1" @ 425'). Grading does not apply to SM.
11/6/2001	BCS00011196	425.00	427.50	Collecting sample under cyclone with 5-gallon bucket approximately 2/3 of way under chute. Grading does not apply to SM or SC.
11/6/2001	BCS00011197	427.50	430.00	Grading does not apply to SM or SC.
11/6/2001	BCS00011198	430.00	432.50	Grading does not apply to SM or SC.
11/6/2001	BCS00011199	432.50	435.00	
11/6/2001	BCS00011200	435.00	437.50	Grading does not apply to SM or SC.
11/6/2001	BCS00011201	437.50	440.00	Grading does not apply to SM or SC.
11/6/2001	BCS00011202	440.00	442.50	Grading does not apply to SM or SC.
11/6/2001	BCS00011203	442.50	445.00	Grading does not apply to SM or SC.
11/6/2001	BCS00011204	445.00	447.50	Grading does not apply to SM or SC.
11/6/2001	BCS00011205	447.50	450.00	
11/6/2001	BCS00011206	450.00	452.50	Collecting samples in 5-gallon bucket 1/2 of way under open bottom.

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Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
11/6/2001	BCS00011207	452.50	455.00	Grading does not apply to SM.
11/6/2001	BCS00011208	455.00	457.50	
11/6/2001	BCS00011209	457.50	460.00	
11/6/2001	BCS00011210	460.00	462.50	Grading does not apply to SM.
11/6/2001	BCS00011211	462.50	465.00	Grading does not apply to SM.
11/6/2001	BCS00011212	465.00	467.50	Grading does not apply to SM.
11/6/2001	BCS00011213	467.50	470.00	Grading does not apply to SM.
11/6/2001	BCS00011214	470.00	472.50	Grading does not apply to SM.
11/6/2001	BCS00011215	472.50	475.00	Grading does not apply to SM.
11/6/2001	BCS00011216	475.00	477.50	Sample collection by 5-gallon bucket below cyclone. Bucket setting 1/2 way under open bottom chute. Grading does not apply to SM.
11/6/2001	BCS00011217	477.50	480.00	Grading does not apply to SM.
11/6/2001	BCS00011218	480.00	482.50	
11/6/2001	BCS00011219	482.50	485.00	Grading does not apply to SM.
11/6/2001	BCS00011220	485.00	487.50	Grading does not apply to SM.
11/6/2001	BCS00011221	487.50	490.00	Grading does not apply to SM.
11/6/2001	BCS00011222	490.00	492.50	Grading does not apply to SM.
11/6/2001	BCS00011223	492.50	495.00	Grading does not apply to SM.
11/6/2001	BCS00011224	495.00	497.50	Grading does not apply to SM.
11/6/2001	BCS00011225	497.50	500.00	Grading does not apply to SM.
11/7/2001	BCS00011226	500.00	502.50	Collecting sample in tub below cyclone 1/2 of bucket under chute. Grading does not apply to SM.

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Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
11/7/2001	BCS00011227	502.50	505.00	Grading does not apply to SM.
11/7/2001	BCS00011228	505.00	507.50	Grading does not apply to SM.
11/7/2001	BCS00011229	507.50	510.00	Grading does not apply to SM.
11/7/2001	BCS00011230	510.00	512.50	Grading does not apply to SM.
11/7/2001	BCS00011231	512.50	515.00	Grading does not apply to SM.
11/7/2001	BCS00011232	515.00	517.50	Grading does not apply to SM.
11/7/2001	BCS00011233	517.50	520.00	Had samplers put bucket totally under chute for more sample. Grading does not apply to SM.
11/7/2001	BCS00011234	520.00	522.50	Grading does not apply to SM.
11/7/2001	BCS00011235	522.50	525.00	Drive casing parted (weld broke) so have to pull out of hole (sample 527.5 - 530' collected prior to pulling). Grading does not apply to SM.
11/7/2001	BCS00011236	525.00	527.50	Collecting full bucket under chute of cyclone. Grading does not apply to SM.
11/7/2001	BCS00011237	527.50	530.00	Grading does not apply to SM.
11/30/2001	BCS00011238	530.00	532.50	Grading does not apply to SM.
11/30/2001	BCS00011239	532.50	535.00	Grading does not apply to SM.
11/30/2001	BCS00011240	535.00	537.50	Grading does not apply to SM.
11/30/2001	BCS00011241	537.50	540.00	Grading does not apply to SM.
11/30/2001	BCS00011242	540.00	542.50	Collecting with 1/2 bucket under cyclone. Grading does not apply to SM.
11/30/2001	BCS00011243	542.50	545.00	Grading does not apply to SM.
11/30/2001	BCS00011244	545.00	547.50	546.4 - 548.6' / core barrel and shoe egg shaped - still stored in container 1-7-02. Grading does not apply to SM.
11/30/2001	BCS00011245	547.50	550.00	Grading does not apply to SM.
11/30/2001	BCS00011246	550.00	552.50	5-gallon bucket full under cyclone. Grading does not apply to SM.

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Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
11/30/2001	BCS00011247	552.50	555.00	
11/30/2001	BCS00011248	555.00	557.50	Grading does not apply to SM.
11/30/2001	BCS00011249	557.50	560.00	Grading does not apply to SM.
11/30/2001	BCS00011250	560.00	562.50	Grading does not apply to SM.
11/30/2001	BCS00011251	562.50	565.00	Grading does not apply to SM.
11/30/2001	BCS00011252	565.00	567.50	Grading does not apply to SM.
11/30/2001	BCS00011253	567.50	570.00	Grading does not apply to SM.
11/30/2001	BCS00011254	570.00	572.50	Clay balls, very sandy in sample 570 - 572.5'. Grading does not apply to SM.
11/30/2001	BCS00011255	572.50	575.00	Hole getting wet and rods getting sticky - work rod free. Grading does not apply to SM.
11/30/2001	BCS00011256	575.00	577.50	5-gallon bucket hanging under cyclone catching dry samples. Grading does not apply to SM or SC.
11/30/2001	BCS00011257	577.50	580.00	Grading does not apply to SM or SC.
11/30/2001	BCS00011258	580.00	582.50	Grading does not apply to SM or SC.
11/30/2001	BCS00011259	582.50	585.00	Down hole totco survey for deviation location +- 578' below ground level (deviation 2 1/2 degrees).
12/1/2001	BCS00011260	585.00	587.50	Grading does not apply to SM or SC.
12/1/2001	BCS00011261	587.50	590.00	Grading does not apply to SM or SC.
12/1/2001	BCS00011262	590.00	592.50	Grading does not apply to SM or SC.
12/1/2001	BCS00011263	592.50	595.00	Clay balls in washed sample. Grading does not apply to SM or SC.
12/1/2001	BCS00011264	595.00	597.50	Grading does not apply to SM or SC.
12/1/2001	BCS00011265	597.50	600.00	Grading does not apply to SM or SC.
12/1/2001	BCS00011266	600.00	602.50	Collecting 5-gallon bucket under cyclone (1/2 to full under). Grading does not apply to SM.

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Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
12/1/2001	BCS00011267	602.50	605.00	Grading does not apply to SM.
12/1/2001	BCS00011268	605.00	607.50	Grading does not apply to SM.
12/1/2001	BCS00011269	607.50	610.00	
12/1/2001	BCS00011270	610.00	612.50	
12/1/2001	BCS00011271	612.50	615.00	
12/1/2001	BCS00011272	615.00	617.50	Samples getting sticky and plugging return (6" line to cyclone).
12/1/2001	BCS00011273	617.50	620.00	
12/1/2001	BCS00011274	620.00	622.50	Grading does not apply to SM.
12/1/2001	BCS00011275	622.50	625.00	Grading does not apply to SM.
12/1/2001	BCS00011276	625.00	627.50	Collecting sample in 5-gallon bucket 1/2 under cyclone. Grading does not apply to SM.
12/1/2001	BCS00011277	627.50	630.00	Drilling estimating 3-4 gallon H20/min in gravel zone between clay.
12/1/2001	BCS00011278	630.00	632.50	
12/1/2001	BCS00011279	632.50	635.00	
12/1/2001	BCS00011280	635.00	637.50	
12/1/2001	BCS00011281	637.50	640.00	
12/1/2001	BCS00011282	640.00	642.50	
12/1/2001	BCS00011283	642.50	645.00	
12/1/2001	BCS00011284	645.00	647.50	
12/1/2001	BCS00011285	647.50	650.00	
12/1/2001	BCS00011286	650.00	652.50	Collecting samples in 5-gallon buckets under cyclone.

Alluvium Drill Cuttings Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
12/1/2001	BCS00011287	652.50	655.00	Grading does not apply to SM.
12/1/2001	BCS00011288	655.00	657.50	
12/1/2001	BCS00011289	657.50	660.00	Grading does not apply to SM.
12/1/2001	BCS00011290	660.00	662.50	Grading does not apply to SM.
12/1/2001	BCS00011291	662.50	665.00	Stop cuttings at 665.3' and trip out for drive core.
12/13/2001	BCS00011292	665.00	667.50	Take drive core (10-4) (665.28 - 668.16'). Weld on hammer ram above drive core broke on extraction - drive core plus tools left in hole 12-1-01. Fish out of hole 12-13-01, 1015 hrs. Sample (4-5) from core run # (10-4) was transmitted with BAS00003133.
12/13/2001	BCS00011293	667.50	670.00	
12/13/2001	BCS00011294	670.00	672.50	
12/14/2001	BCS00011295	672.50	675.00	
12/14/2001	BCS00011296	675.00	677.50	
12/14/2001	BCS00011297	677.50	680.00	
12/14/2001	BCS00011298	680.00	682.50	Producing a measured 15 gpm.
12/14/2001	BCS00011299	682.50	685.00	Waiting for 'sandy' unit for drive core - so we don't damage the last available core barrel.
12/14/2001	BCS00011300	685.00	687.50	
12/14/2001	BCS00011301	687.50	690.00	
12/14/2001	BCS00011302	690.00	692.50	
12/15/2001	BCS00011303	692.50	695.00	
12/15/2001	BCS00011304	695.00	697.50	Only fine gravel is present.
12/15/2001	BCS00011305	697.50	700.00	Coarse and fine gravel present.
12/15/2001	BCS00011306	700.00	702.50	Drive core (10-5) from 702.46 - 704.66'. Interval was sampled again during reaming upon re-entry. Sample (5-5) from core run #(10-5) was transmitted with BAS00003140.

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Borehole ID: **NC-EWDP-10P** (Phase 3)

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
12/16/2001	BCS00011307	702.50	705.00	Drive core (10-5) from 702.46 - 704.66'. Interval was sampled again during reaming upon re-entry. Sample (5-5) from core run #(10-5) was transmitted with BAS00003140.
12/16/2001	BCS00011308	705.00	707.50	
12/16/2001	BCS00011309	707.50	710.00	
12/16/2001	BCS00011310	710.00	712.50	
12/16/2001	BCS00011311	712.50	715.00	
12/16/2001	BCS00011312	715.00	717.50	
12/16/2001	BCS00011313	717.50	720.00	
12/16/2001	BCS00011314	720.00	722.50	
12/16/2001	BCS00011315	722.50	725.00	
12/16/2001	BCS00011316	725.00	727.50	
12/16/2001	BCS00011317	727.50	730.00	
12/16/2001	BCS00011318	730.00	732.50	Grading does not apply to SM.
12/16/2001	BCS00011319	732.50	735.00	
12/16/2001	BCS00011320	735.00	737.50	
12/16/2001	BCS00011321	737.50	740.00	Grading does not apply to SM.
12/16/2001	BCS00011322	740.00	742.50	Air lift water (5 gal = 16 sec) = 18.75 gpm.
12/17/2001	BCS00011323	742.50	745.00	Drive core (10-6) run #6 conducted at interval (742.5 - 744.8'), 2.3' cut and 100% recovery, transmitted to SMF and Nevada Geotech on 12/17/01. The same core run interval was subsequently reamed out to 6 5/8" on 12/17/01 and cuttings were sampled, logged, and transmitted with BCS00011323. Sample (6-5) from core run #(10-6) was transmitted with BAS00003131.
12/17/2001	BCS00011324	745.00	747.50	
12/17/2001	BCS00011325	747.50	750.00	
12/17/2001	BCS00011326	750.00	752.50	Grading does not apply to SM.

Alluvium Drill Cuttings Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
12/17/2001	BCS00011327	752.50	755.00	Grading does not apply to SM.
12/17/2001	BCS00011328	755.00	757.50	Grading does not apply to SM.
12/17/2001	BCS00011329	757.50	760.00	Grading does not apply to SM.
12/17/2001	BCS00011330	760.00	762.50	Grading does not apply to SM.
12/17/2001	BCS00011331	762.50	765.00	Grading does not apply to SM.
12/17/2001	BCS00011332	765.00	767.50	Grading does not apply to SM.
12/17/2001	BCS00011333	767.50	770.00	Grading does not apply to SM.
12/17/2001	BCS00011334	770.00	772.50	Grading does not apply to SM.
12/17/2001	BCS00011335	772.50	775.00	Grading does not apply to SM.
12/17/2001	BCS00011336	775.00	777.50	Lots of water @ 775' 37.5 gpm. Grading does not apply to SM.
12/17/2001	BCS00011337	777.50	780.00	Driller reports hard drilling. Grading does not apply to SM.
12/17/2001	BCS00011338	780.00	782.50	Grading does not apply to SM.
12/17/2001	BCS00011339	782.50	785.00	Grading does not apply to SM.
12/17/2001	BCS00011340	785.00	787.50	Bedrock at 787.5', ashflow tuff, welded, moderate brown (5YR 4/4), 15% pumice, lithic poor. Grading does not apply to SM.