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

Borehole ID: **NC-EWDP-22SA** (Phase 3)

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
7/28/2001	BCS00010401-22SA-554	0.00	2.50	Fine sand. Caliche rind on gravel.
7/28/2001	BCS00010402-22SA-555	2.50	5.00	Fine sand. Caliche rind on gravel.
7/28/2001	BCS00010403-22SA-556	5.00	7.50	Caliche rind on gravel.
7/28/2001	BCS00010404-22SA-557	7.50	10.00	Caliche rind on gravel. Injected small amount of water to hold up hole for casing installation.
7/28/2001	BCS00010405-22SA-558	10.00	12.50	Caliche rind on gravel. Injected small amount of water to hold up hole for casing installation.
7/28/2001	BCS00010406-22SA-559	12.50	15.00	Caliche rind on gravel. Injected small amount of water to hold up hole for casing installation.
7/28/2001	BCS00010407-22SA-560	15.00	17.50	Injected small amount of water to hold up hole for casing installation.
7/28/2001	BCS00010408-22SA-561	17.50	20.00	Injected small amount of water to hold up hole for casing installation.
7/28/2001	BCS00010409-22SA-562	20.00	22.50	Injected small amount of water to hold up hole for casing installation.
7/29/2001	BCS00010410-22SA-563	22.50	25.00	
7/29/2001	BCS00010411-22SA-564	25.00	27.50	
7/29/2001	BCS00010412-22SA-565	27.50	30.00	Grading does not apply to SM or GM.
7/29/2001	BCS00010413-22SA-566	30.00	32.50	Grading does not apply to SM or GM.
7/29/2001	BCS00010414-22SA-567	32.50	35.00	Grading does not apply to SM or GM.
7/29/2001	BCS00010415-22SA-568	35.00	37.50	Grading does not apply to SM or GM.
7/29/2001	BCS00010416-22SA-569	37.50	40.00	Grading does not apply to SM or GM.
7/29/2001	BCS00010417-22SA-570	40.00	42.50	Grading does not apply to SM or GM.
7/29/2001	BCS00010418-22SA-571	42.50	45.00	Grading does not apply to SM or GM.
7/28/2001	BCS00010419-22SA-572	45.00	47.50	Grading does not apply to SM.
7/28/2001	BCS00010420-22SA-573	47.50	50.00	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
7/28/2001	BCS00010421-22SA-574	50.00	52.50	Grading does not apply to SM.
7/28/2001	BCS00010422-22SA-575	52.50	55.00	Grading does not apply to SM.
7/28/2001	BCS00010423-22SA-576	55.00	57.50	Grading does not apply to SM.
7/28/2001	BCS00010424-22SA-577	57.50	60.00	Grading does not apply to SM.
7/28/2001	BCS00010425-22SA-578	60.00	62.50	Grading does not apply to SM.
7/28/2001	BCS00010426-22SA-579	62.50	65.00	Grading does not apply to SM.
7/28/2001	BCS00010427-22SA-580	65.00	67.50	Grading does not apply to SM.
7/28/2001	BCS00010428-22SA-581	67.50	70.00	Grading does not apply to SM.
7/28/2001	BCS00010429-22SA-582	70.00	72.50	Grading does not apply to SM.
7/28/2001	BCS00010430-22SA-583	72.50	75.00	Grading does not apply to SM.
7/28/2001	BCS00010431-22SA-584	75.00	77.50	Grading does not apply to SM.
7/28/2001	BCS00010432-22SA-585	77.50	80.00	Grading does not apply to SM.
7/28/2001	BCS00010433-22SA-586	80.00	82.50	Grading does not apply to SM.
7/28/2001	BCS00010434-22SA-587	82.50	85.00	Grading does not apply to SM.
7/28/2001	BCS00010435-22SA-588	85.00	87.50	Grading does not apply to SM.
7/28/2001	BCS00010436-22SA-589	87.50	90.00	Grading does not apply to SM.
7/29/2001	BCS00010437-22SA-590	90.00	92.50	Grading does not apply to SM.
7/29/2001	BCS00010438-22SA-591	92.50	95.00	Grading does not apply to SM.
7/29/2001	BCS00010439-22SA-592	95.00	97.50	
7/29/2001	BCS00010440-22SA-593	97.50	100.00	07/29/2001, 0834; Injected small amount of mud at 100' to condition hole.

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
7/29/2001	BCS00010441-22SA-594	100.00	102.50	
7/29/2001	BCS00010442-22SA-595	102.50	105.00	
7/29/2001	BCS00010443-22SA-596	105.00	107.50	
7/29/2001	BCS00010444-22SA-597	107.50	110.00	
7/29/2001	BCS00010445-22SA-598	110.00	112.50	
7/29/2001	BCS00010446-22SA-599	112.50	115.00	Grading does not apply to SM.
7/29/2001	BCS00010447-22SA-600	115.00	117.50	Grading does not apply to SM.
7/29/2001	BCS00010448-22SA-601	117.50	120.00	
7/29/2001	BCS00010449-22SA-602	120.00	122.50	
7/29/2001	BCS00010450-22SA-603	122.50	125.00	
7/29/2001	BCS00010451-22SA-604	125.00	127.50	
7/29/2001	BCS00010452-22SA-605	127.50	130.00	
7/29/2001	BCS00010453-22SA-606	130.00	132.50	
7/29/2001	BCS00010454-22SA-607	132.50	135.00	
7/29/2001	BCS00010455-22SA-608	135.00	137.50	Grading does not apply to SM.
7/29/2001	BCS00010456-22SA-609	137.50	140.00	
7/29/2001	BCS00010457-22SA-610	140.00	142.50	
7/29/2001	BCS00010458-22SA-611	142.50	145.00	
7/29/2001	BCS00010459-22SA-612	145.00	147.50	
7/29/2001	BCS00010460-22SA-613	147.50	150.00	

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
7/29/2001	BCS00010461-22SA-614	150.00	152.50	
7/29/2001	BCS00010462-22SA-615	152.50	155.00	
7/29/2001	BCS00010463-22SA-616	155.00	157.50	
7/29/2001	BCS00010464-22SA-617	157.50	160.00	Grading does not apply to SM.
7/29/2001	BCS00010465-22SA-618	160.00	162.50	
7/29/2001	BCS00010466-22SA-619	162.50	165.00	
7/29/2001	BCS00010467-22SA-620	165.00	167.50	
7/29/2001	BCS00010468-22SA-621	167.50	170.00	
7/29/2001	BCS00010469-22SA-622	170.00	172.50	
7/29/2001	BCS00010470-22SA-623	172.50	175.00	
7/29/2001	BCS00010471-22SA-624	175.00	177.50	
7/29/2001	BCS00010472-22SA-625	177.50	180.00	
7/29/2001	BCS00010473-22SA-626	180.00	182.50	
7/29/2001	BCS00010474-22SA-627	182.50	185.00	
7/29/2001	BCS00010475-22SA-628	185.00	187.50	
7/29/2001	BCS00010476-22SA-629	187.50	190.00	
7/29/2001	BCS00010477-22SA-630	190.00	192.50	
7/29/2001	BCS00010478-22SA-631	192.50	195.00	
7/29/2001	BCS00010479-22SA-632	195.00	197.50	
7/29/2001	BCS00010480-22SA-633	197.50	200.00	

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
7/29/2001	BCS00010481-22SA-634	200.00	202.50	07/29/2001, 1132; Injected small amount of mud at 200' to condition hole.
7/29/2001	BCS00010482-22SA-635	202.50	205.00	
7/29/2001	BCS00010483-22SA-636	205.00	207.50	
7/29/2001	BCS00010484-22SA-637	207.50	210.00	
7/29/2001	BCS00010485-22SA-638	210.00	212.50	
7/29/2001	BCS00010486-22SA-639	212.50	215.00	
7/29/2001	BCS00010487-22SA-640	215.00	217.50	
7/29/2001	BCS00010488-22SA-641	217.50	220.00	
7/29/2001	BCS00010489-22SA-642	220.00	222.50	
7/29/2001	BCS00010490-22SA-643	222.50	225.00	
7/29/2001	BCS00010491	225.00	227.50	
7/29/2001	BCS00010492	227.50	230.00	
7/29/2001	BCS00010493	230.00	232.50	
7/29/2001	BCS00010494	232.50	235.00	
7/29/2001	BCS00010495	235.00	237.50	
7/29/2001	BCS00010496	237.50	240.00	
7/29/2001	BCS00010497	240.00	242.50	
7/29/2001	BCS00010498	242.50	245.00	
7/29/2001	BCS00010499	245.00	247.50	
7/29/2001	BCS00010500	247.50	250.00	

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
7/29/2001	BCS00010501	250.00	252.50	
7/29/2001	BCS00010502	252.50	255.00	
7/29/2001	BCS00010503	255.00	257.50	
7/29/2001	BCS00010504	257.50	260.00	Contaminated with cake from cyclone.
7/29/2001	BCS00010505	260.00	262.50	Fine sand. Grading does not apply to SM.
7/29/2001	BCS00010506	262.50	265.00	
7/29/2001	BCS00010507	265.00	267.50	
7/29/2001	BCS00010508	267.50	270.00	Grading does not apply to SM.
7/29/2001	BCS00010509	270.00	272.50	
7/29/2001	BCS00010510	272.50	275.00	
7/29/2001	BCS00010511	275.00	277.50	Grading does not apply to SM.
7/29/2001	BCS00010512	277.50	280.00	
7/29/2001	BCS00010513	280.00	282.50	
7/29/2001	BCS00010514	282.50	285.00	
7/29/2001	BCS00010515	285.00	287.50	
7/29/2001	BCS00010516	287.50	290.00	
7/29/2001	BCS00010517	290.00	292.50	
7/29/2001	BCS00010518	292.50	295.00	
7/29/2001	BCS00010519	295.00	297.50	Contamination from cyclone cake. Grading does not apply to SM.
7/29/2001	BCS00010520	297.50	300.00	Contamination from cyclone cake. 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
7/29/2001	BCS00010521	300.00	302.50	Inject mud at 300' & condition hole on 07/29/2001, 1431.
7/29/2001	BCS00010522	302.50	305.00	
7/29/2001	BCS00010523	305.00	307.50	
7/29/2001	BCS00010524	307.50	310.00	
7/29/2001	BCS00010525	310.00	312.50	Grading does not apply to SM.
7/29/2001	BCS00010526	312.50	315.00	Grading does not apply to SM.
7/29/2001	BCS00010527	315.00	317.50	
7/29/2001	BCS00010528	317.50	320.00	
7/29/2001	BCS00010529	320.00	322.50	
7/29/2001	BCS00010530	322.50	325.00	
7/29/2001	BCS00010531	325.00	327.50	
7/29/2001	BCS00010532	327.50	330.00	
7/29/2001	BCS00010533	330.00	332.50	
7/29/2001	BCS00010534	332.50	335.00	
7/29/2001	BCS00010535	335.00	337.50	Grading does not apply to SM.
7/29/2001	BCS00010536	337.50	340.00	
7/29/2001	BCS00010537	340.00	342.50	
7/29/2001	BCS00010538	342.50	345.00	Grading does not apply to SM.
7/29/2001	BCS00010539	345.00	347.50	Grading does not apply to SM.
7/29/2001	BCS00010540	347.50	350.00	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
7/29/2001	BCS00010541	350.00	352.50	Grading does not apply to SM.
7/29/2001	BCS00010542	352.50	355.00	
7/29/2001	BCS00010543	355.00	357.50	
7/29/2001	BCS00010544	357.50	360.00	
7/30/2001	BCS00010545	360.00	362.50	
7/30/2001	BCS00010546	362.50	365.00	
7/30/2001	BCS00010547	365.00	367.50	
7/30/2001	BCS00010548	367.50	370.00	
7/30/2001	BCS00010549	370.00	372.50	
7/30/2001	BCS00010550	372.50	375.00	
7/30/2001	BCS00010551	375.00	377.50	
7/30/2001	BCS00010552	377.50	380.00	
7/30/2001	BCS00010553	380.00	382.50	
7/30/2001	BCS00010554	382.50	385.00	
7/30/2001	BCS00010555	385.00	387.50	
7/30/2001	BCS00010556	387.50	390.00	
7/30/2001	BCS00010557	390.00	392.50	
7/30/2001	BCS00010558	392.50	395.00	
7/30/2001	BCS00010559	395.00	397.50	
7/30/2001	BCS00010560	397.50	400.00	

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
7/30/2001	BCS00010561	400.00	402.50	
7/30/2001	BCS00010562	402.50	405.00	
7/30/2001	BCS00010563	405.00	407.50	
7/30/2001	BCS00010564	407.50	410.00	Grading does not apply to SM.
7/30/2001	BCS00010565	410.00	412.50	
7/30/2001	BCS00010566	412.50	415.00	Grading does not apply to SM.
7/30/2001	BCS00010567	415.00	417.50	Grading does not apply to SM.
7/30/2001	BCS00010568	417.50	420.00	
7/30/2001	BCS00010569	420.00	422.50	
7/30/2001	BCS00010570	422.50	425.00	
7/30/2001	BCS00010571	425.00	427.50	
7/30/2001	BCS00010572	427.50	430.00	
7/30/2001	BCS00010573	430.00	432.50	Grading does not apply to SM.
7/30/2001	BCS00010574	432.50	435.00	Grading does not apply to SM.
7/30/2001	BCS00010575	435.00	437.50	
7/30/2001	BCS00010576	437.50	440.00	
7/30/2001	BCS00010577	440.00	442.50	
7/30/2001	BCS00010578	442.50	445.00	
7/30/2001	BCS00010579	445.00	447.50	Grading does not apply to SM.
7/30/2001	BCS00010580	447.50	450.00	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
7/30/2001	BCS00010581	450.00	452.50	
7/30/2001	BCS00010582	452.50	455.00	First moist sample noted. Grading does not apply to SM or GM.
7/30/2001	BCS00010583	455.00	457.50	Grading does not apply to SM or GM.
7/30/2001	BCS00010584	457.50	460.00	Grading does not apply to SM or GM.
7/30/2001	BCS00010585	460.00	462.50	Some contamination from cyclone noted.
7/30/2001	BCS00010586	462.50	465.00	
7/30/2001	BCS00010587	465.00	467.50	
7/30/2001	BCS00010588	467.50	470.00	Grading does not apply to SM or GM.
7/30/2001	BCS00010589	470.00	472.50	Distinct increase in moisture content.
7/30/2001	BCS00010590	472.50	475.00	
7/30/2001	BCS00010591	475.00	477.50	
7/30/2001	BCS00010592	477.50	480.00	
7/30/2001	BCS00010593	480.00	482.50	Sand, silt, clay not estimated.
7/30/2001	BCS00010594	482.50	485.00	Sand, silt, clay not estimated.
7/30/2001	BCS00010595	485.00	487.50	Water in sample 485 - 487.5'. Sample set aside to settle and dry. Grading does not apply to SM or GM.
7/30/2001	BCS00010596	487.50	490.00	Sample not shipped to lab due to excessive bentonite contamination. Grading does not apply to SM or GM.
7/30/2001	BCS00010597	490.00	492.50	Clay adhered to gravel. Grading does not apply to SM or GM.
7/30/2001	BCS00010598	492.50	495.00	
8/17/2001	BCS00010599	495.00	497.50	Grading does not apply to SM or GM.
8/17/2001	BCS00010600	497.50	500.00	Grading does not apply to SM or GM.

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
8/17/2001	BCS00010601	500.00	502.50	Grading does not apply to SM or GM.
8/17/2001	BCS00010602	502.50	505.00	Grading does not apply to SM or GM.
8/17/2001	BCS00010603	505.00	507.50	Grading does not apply to SM or GM.
8/17/2001	BCS00010604	507.50	510.00	Grading does not apply to SM or GM.
8/17/2001	BCS00010605	510.00	512.50	Grading does not apply to SM or GM.
8/17/2001	BCS00010606	512.50	515.00	Grading does not apply to SM or GM.
8/17/2001	BCS00010607	515.00	517.50	Grading does not apply to SM or GM.
8/17/2001	BCS00010608	517.50	520.00	Grading does not apply to SM or GM.
8/17/2001	BCS00010609	520.00	522.50	Clay adheres to gravel - wet. Grading does not apply to SM or GM.
8/17/2001	BCS00010610	522.50	525.00	Grading does not apply to SM or GM.
8/17/2001	BCS00010611	525.00	527.50	Grading does not apply to SM or GM.
8/17/2001	BCS00010612	527.50	530.00	Grading does not apply to SM or GM.
8/17/2001	BCS00010613	530.00	532.50	Grading does not apply to SM or GM.
8/17/2001	BCS00010614	532.50	535.00	Grading does not apply to SM or GM.
8/17/2001	BCS00010615	535.00	537.50	Grading does not apply to SM or GM.
8/17/2001	BCS00010616	537.50	540.00	Clay adheres to gravel - wet. Grading does not apply to SM or GM.
8/17/2001	BCS00010617	540.00	542.50	
8/17/2001	BCS00010618	542.50	545.00	Grading does not apply to SM.
8/17/2001	BCS00010619	545.00	547.50	Grading does not apply to SM.
8/17/2001	BCS00010620	547.50	550.00	

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
8/19/2001	BCS00010621	550.00	552.50	
8/19/2001	BCS00010622	552.50	555.00	
8/19/2001	BCS00010623	555.00	557.50	
8/19/2001	BCS00010624	557.50	560.00	
8/19/2001	BCS00010625	560.00	565.00	First 5' sample interval; start injecting water; use wet splitter. Splitter set @ 6/16 (38%).
8/19/2001	BCS00010626	565.00	570.00	
8/19/2001	BCS00010627	570.00	575.00	Splitter set to 5/16 (31%). Clay is cementing with sand to increase gravel % (not real). Grading does not apply to SM.
8/19/2001	BCS00010628	575.00	580.00	Water sample taken, field test. EC=286 u S/cm, PH=8.24, temp = 81.2 degrees F. Grading does not apply to SM.
8/19/2001	BCS00010629	580.00	585.00	
8/19/2001	BCS00010630	585.00	590.00	
8/19/2001	BCS00010631	590.00	595.00	Clay is cementing with sand to increase gravel % (not real). Grading does not apply to SM.
8/19/2001	BCS00010632	595.00	600.00	Grading does not apply to SM.
8/19/2001	BCS00010633	600.00	605.00	
8/19/2001	BCS00010634	605.00	610.00	Clay is cementing with sand to increase gravel % (not real). Grading does not apply to SM.
8/19/2001	BCS00010635	610.00	615.00	Grading does not apply to SM.
8/19/2001	BCS00010636	615.00	620.00	
8/19/2001	BCS00010637	620.00	625.00	
8/19/2001	BCS00010638	625.00	630.00	Grading does not apply to SM.
8/19/2001	BCS00010639	630.00	635.00	
8/19/2001	BCS00010640	635.00	640.00	Splitter set to 4/16 (25%). 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
8/19/2001	BCS00010641	640.00	645.00	Grading does not apply to SM.
8/19/2001	BCS00010642	645.00	650.00	
8/19/2001	BCS00010643	650.00	655.00	Grading does not apply to SM.
8/19/2001	BCS00010644	655.00	660.00	Splitter set to 3/16 (19%). Grading does not apply to SM.
8/19/2001	BCS00010645	660.00	665.00	Grading does not apply to SM.
8/19/2001	BCS00010646	665.00	670.00	Grading does not apply to SM.
8/19/2001	BCS00010647	670.00	675.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/19/2001	BCS00010648	675.00	680.00	Grading does not apply to SM.
8/19/2001	BCS00010649	680.00	685.00	Grading does not apply to SM.
8/19/2001	BCS00010650	685.00	690.00	Grading does not apply to SM.
8/19/2001	BCS00010651-22SA-802	690.00	695.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010652-22SA-803	695.00	700.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010653-22SA-804	700.00	705.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010654-22SA-805	705.00	710.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010655-22SA-806	710.00	715.00	Grading does not apply to SM.
8/21/2001	BCS00010656-22SA-807	715.00	720.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010657-22SA-808	720.00	725.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010658-22SA-809	725.00	730.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010659-22SA-810	730.00	735.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010660-22SA-811	735.00	740.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').

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
8/21/2001	BCS00010661-22SA-812	740.00	745.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010662-22SA-813	745.00	750.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010663-22SA-814	750.00	755.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010664-22SA-815	755.00	760.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010665-22SA-816	760.00	765.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010666-22SA-817	765.00	770.00	Caliche rind on some gravels. Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010667-22SA-818	770.00	775.00	Caliche rind on some gravels. Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010668-22SA-819	775.00	780.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010669-22SA-820	780.00	785.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010670-22SA-821	785.00	790.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010671-22SA-822	790.00	795.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010672-22SA-823	795.00	800.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010673-22SA-824	800.00	805.00	Splitter set to 2/16 (12%). Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010674-22SA-825	805.00	810.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010675-22SA-826	810.00	815.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010676-22SA-827	815.00	820.00	Splitter set to 1/16 (6%). Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010677-22SA-828	820.00	825.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010678-22SA-829	825.00	830.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010679-22SA-830	830.00	835.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010680-22SA-831	835.00	840.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').

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
8/21/2001	BCS00010681-22SA-832	840.00	845.00	Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010682-22SA-833	845.00	850.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010683-22SA-834	850.00	855.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010684-22SA-835	855.00	860.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010685-22SA-836	860.00	865.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010686-22SA-837	865.00	870.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010687-22SA-838	870.00	875.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010688-22SA-839	875.00	880.00	Finer grained cuttings below 875'. Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010689-22SA-840	880.00	885.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010690-22SA-841	885.00	890.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010691-22SA-842	890.00	895.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010692-22SA-843	895.00	900.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010693-22SA-844	900.00	905.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010694-22SA-845	905.00	910.00	Bit plugged at 910'. Attempt to unplug 1026 - 1136. Trip out 1136-1249. Clean out bit & replace BHA 1294 - 1343. Trip in with BHA 1343-1517. Sample about 0.5' short. Overdrilled & lost part of sample. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010695-22SA-846	910.00	915.00	Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010696-22SA-847	915.00	920.00	Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010697-22SA-848	920.00	925.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010698-22SA-849	925.00	930.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010699-22SA-850	930.00	935.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010700-22SA-851	935.00	940.00	Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').

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
8/21/2001	BCS00010701-22SA-852	940.00	945.00	Traces of gray pink (SR 8/2) clay. Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010702-22SA-853	945.00	950.00	Traces of gray pink (SR 8/2) clay. Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010703-22SA-854	950.00	955.00	Scale not sensitive enough to weigh small amounts. Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010704-22SA-855	955.00	960.00	Scale not sensitive enough to weigh small amounts. Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010705-22SA-856	960.00	965.00	Scale not sensitive enough to weigh small amounts. Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010706-22SA-857	965.00	970.00	Scale not sensitive enough to weigh small amounts. Grading does not apply to SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010707-22SA-858	970.00	975.00	Scale not sensitive to weight small amounts. Grading does not apply to CL or SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010708-22SA-859	975.00	980.00	Traces of lt brn (5YR 7/4) clay at 980'. Scale not sensitive to weight small amounts. Grading does not apply to CL or SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010709-22SA-860	980.00	985.00	Grading does not apply to CL or SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010710-22SA-861	985.00	990.00	Scale not sensitive to weight small amounts. Grading does not apply to CL or SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010711-22SA-862	990.00	995.00	Scale not sensitive to weight small amounts. Grading does not apply to CL or SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010712-22SA-863	995.00	1000.00	Grading does not apply to CL or SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010713-22SA-864	1000.00	1005.00	Grading does not apply to CL or SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010714-22SA-865	1005.00	1010.00	Scale not sensitive to weight small amounts. Grading does not apply to CL or SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010715-22SA-866	1010.00	1015.00	Grading does not apply to CL or SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010716-22SA-867	1015.00	1020.00	Top of conglomerate? Grading does not apply to CL or SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010717-22SA-868	1020.00	1025.00	Scale not sensitive to weight small amounts. Grading does not apply to CL or SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010718-22SA-869	1025.00	1030.00	Scale not sensitive to weight small amounts. Grading does not apply to CL or SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010719-22SA-870	1030.00	1035.00	Scale not sensitive to weight small amounts. Grading does not apply to CL or SM. Cementation data from borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010720-22SA-871	1035.00	1040.00	Scale not sensitive to weight small amounts.

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
8/21/2001	BCS00010721-22SA-872	1040.00	1045.00	Grading does not apply to CL or SM.
8/21/2001	BCS00010722-22SA-873	1045.00	1050.00	Scale not sensitive to weight small amounts. Grading does not apply to CL or SM.
8/21/2001	BCS00010723-22SA-874	1050.00	1055.00	Scale not sensitive to weight small amounts. Grading does not apply to CL or SM.
8/21/2001	BCS00010724-22SA-875	1055.00	1060.00	Scale not sensitive to weight small amounts. Grading does not apply to CL or SM.
8/21/2001	BCS00010725-22SA-876	1060.00	1065.00	Splitter set to 1/32 (3%), w/addition of 1/2. Grading does not apply to SM. Cementation data based on borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010726-22SA-877	1065.00	1070.00	Fine sand. Grading does not apply to SM. Cementation data based on borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010727-22SA-878	1070.00	1075.00	Fine sand. Splitter set to 1/16 (8%). Grading does not apply to SM. Cementation data based on borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010728-22SA-879	1075.00	1080.00	Grading does not apply to SM. Cementation data based on borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010729-22SA-880	1080.00	1085.00	Splitter set to 1/16 (8%). Grading does not apply to SM. Cementation data based on borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010730-22SA-881	1085.00	1090.00	Splitter set to 1/16 (8%). Grading does not apply to SM. Cementation data based on borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010731-22SA-882	1090.00	1095.00	Splitter set to 1/16 (8%). Grading does not apply to SM. Cementation data based on borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010732-22SA-883	1095.00	1100.00	Splitter set to 1/16 (8%). Grading does not apply to SM. Cementation data based on borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010733-22SA-884	1100.00	1105.00	Splitter set to 1/16 (8%). Grading does not apply to SM. Cementation data based on borehole NC-EWDP-22S (650' - 1110').
8/21/2001	BCS00010734-22SA-885	1105.00	1110.00	Switched to non-alluvial log form from 1110-1200'. Grading does not apply to SM. Cementation data based on borehole NC-EWDP-22S (650' - 1110').