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

Non-Alluvium 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
8/1/2001	BCS00010735	1110.00	1115.00	Tuff is extremely fine grained & for the most part requires a binocular microscope for grain determination. Sample density measurements not taken due to wet samples. Upper contact gradational. Alteration calcite and zeolite. Bedrock unit (Non-Alluvium) mis-logged in field. Unit is a volcanic conglomerate - monolithic clasts as described. Matrix consists of greyish orange (10YR 7/4) cemented fine clayey sand.
8/1/2001	BCS00010736	1115.00	1120.00	Alteration calcite and zeolite. Bedrock unit (Non-Alluvium) mis-logged in field. Unit is a volcanic conglomerate - monolithic clasts as described. Matrix consists of greyish orange (10YR 7/4) cemented fine clayey sand.
8/1/2001	BCS00010737	1120.00	1125.00	Bedrock unit (Non-Alluvium) mis-logged in field. Unit is a volcanic conglomerate - monolithic clasts as described. Matrix consists of greyish orange (10YR 7/4) cemented fine clayey sand.
8/1/2001	BCS00010738	1125.00	1130.00	Bedrock unit (Non-Alluvium) mis-logged in field. Unit is a volcanic conglomerate - monolithic clasts as described. Matrix consists of greyish orange (10YR 7/4) cemented fine clayey sand.
8/1/2001	BCS00010739	1130.00	1135.00	Bedrock unit (Non-Alluvium) mis-logged in field. Unit is a volcanic conglomerate - monolithic clasts as described. Matrix consists of greyish orange (10YR 7/4) cemented fine clayey sand.
8/1/2001	BCS00010740	1135.00	1140.00	Reaction to HCl from clay contamination above? Used 4 bags maxgel & 400 gal water drilling from 940 - 1200'. Alteration calcite and zeolite. Bedrock unit (Non-Alluvium) mis-logged in field. Unit is a volcanic conglomerate - monolithic clasts as described. Matrix consists of greyish orange (10YR 7/4) cemented fine clayey sand.
8/1/2001	BCS00010741	1140.00	1145.00	Reaction to HCl from clay contamination above? Used 4 bags maxgel & 400 gal water drilling from 940-1200'. Gray orange (10YR 7/4) clay chunks. Log from 0-1110' on alluvial logging form. Alteration calcite. Bedrock unit (Non-Alluvium) mis-logged in field. Unit is a volcanic conglomerate - monolithic clasts as described. Matrix consists of greyish orange (10YR 7/4) cemented fine clayey sand.
8/1/2001	BCS00010742	1145.00	1150.00	Bronze biotite, characteristic of Tiva formation. Bedrock unit (Non-Alluvium) mis-logged in field. Unit is a volcanic conglomerate - monolithic clasts as described. Matrix consists of greyish orange (10YR 7/4) cemented fine clayey sand.
8/1/2001	BCS00010743	1150.00	1155.00	Bronze biotite, characteristic of Tiva formation. Bedrock unit (Non-Alluvium) mis-logged in field. Unit is a volcanic conglomerate - monolithic clasts as described. Matrix consists of greyish orange (10YR 7/4) cemented fine clayey sand.
8/1/2001	BCS00010744	1155.00	1160.00	Bedrock unit (Non-Alluvium) mis-logged in field. Unit is a volcanic conglomerate - monolithic clasts as described. Matrix consists of greyish orange (10YR 7/4) cemented fine clayey sand.
8/1/2001	BCS00010745	1160.00	1165.00	Alteration calcite. Bedrock unit (Non-Alluvium) mis-logged in field. Unit is a volcanic conglomerate - monolithic clasts as described. Matrix consists of greyish orange (10YR 7/4) cemented fine clayey sand.
8/1/2001	BCS00010746	1165.00	1170.00	Alteration calcite. Bedrock unit (Non-Alluvium) mis-logged in field. Unit is a volcanic conglomerate - monolithic clasts as described. Matrix consists of greyish orange (10YR 7/4) cemented fine clayey sand.
8/1/2001	BCS00010747	1170.00	1175.00	Alteration zeolite. Bedrock unit (Non-Alluvium) mis-logged in field. Unit is a volcanic conglomerate - monolithic clasts as described. Matrix consists of greyish orange (10YR 7/4) cemented fine clayey sand.
8/1/2001	BCS00010748	1175.00	1180.00	Bedrock unit (Non-Alluvium) mis-logged in field. Unit is a volcanic conglomerate - monolithic clasts as described. Matrix consists of greyish orange (10YR 7/4) cemented fine clayey sand.
8/1/2001	BCS00010749	1180.00	1185.00	Alteration zeolite. Bedrock unit (Non-Alluvium) mis-logged in field. Unit is a volcanic conglomerate - monolithic clasts as described. Matrix consists of greyish orange (10YR 7/4) cemented fine clayey sand.
8/1/2001	BCS00010750	1185.00	1190.00	Bedrock unit (Non-Alluvium) mis-logged in field. Unit is a volcanic conglomerate - monolithic clasts as described. Matrix consists of greyish orange (10YR 7/4) cemented fine clayey sand.
8/1/2001	BCS00010751	1190.00	1195.00	Bedrock unit (Non-Alluvium) mis-logged in field. Unit is a volcanic conglomerate - monolithic clasts as described. Matrix consists of greyish orange (10YR 7/4) cemented fine clayey sand.
8/1/2001	BCS00010752	1195.00	1200.00	Bedrock unit (Non-Alluvium) mis-logged in field. Unit is a volcanic conglomerate - monolithic clasts as described. Matrix consists of greyish orange (10YR 7/4) cemented fine clayey sand.