Non-Alluvium Logging Form - Nye County Nuclear Waste Repository Project Office

Borehole ID: **NC-EWDP-19IM1A** (Phase 3) Driller/Drilling Company: Brian Mikelson/Eklund Drilling Co. Drilling Method: Reverse Circulation Air Rotary Alluvium Depth (ft bgs): 820 to 900 Start Date: 7/12/2001 End Date: 7/12/2001

Logged		Checked		Sample	Depth Interval (feet/bgs)		Drilling/Coring Data				Sample Density Data				Munsell Color Symbol	Moisture Content				HCL Reaction			Rock Unit																					Weathering				Structure					Matrix		Phenocrysts									Clasts					
																							Tuff										Sedimentary							Carbonate																																
																							Deposition			Welding			Alteration																																									
							Liquid Drilling Fluid Injection Rate (gpm)	Drilling/Coring Rate (feet/min)	Water Production (gpm)	Sample Recovery (gallons)	Borehole Diameter (inches)	Tare Weight (kg)	Sample Plus Tare Weight (kg)	Sample Weight (kg)		Not Applicable	Dry	Moist	Wet	None	Weak	Strong	Ash Fall	Ash Flow	Reworked	Dense	Moderate	Weak	None	Vitric	Devitrified	Matrix	Vapor Phase	Spherulitic	Claystone	Mudstone	Siltstone	Sandstone	Conglomerate	Chert	Limestone	Dolomite	Other	Fresh	Slight	Moderate	High	Decomposed	None Observed	Stratified	Laminated	Fractured	Other	Dense/Non-porous	Open/Porous	Other	% by Vol.	Munsell Color Symbol	Max. Size (mm)	% by Vol.	Munsell Color Symbol	Max. Size (mm)	% by Vol.	Munsell Color Symbol	Max. Size (mm)	% by Vol.	Munsell Color Symbol	Max. Size (mm)	% by Vol.	Munsell Color Symbol	Max. Size (mm)
07/12/01	JSW	08/11/01	GH	BCS00009225	820.00	825.00	0.0	0.6	30.0		5.4				5Y 6/4				✓				✓				✓															✓				✓						✓		0	N/A	0	0	N/A	0	0	N/A	0	1	10Y 8/2	4	0	N/A	0
07/12/01	JSW	08/11/01	GH	BCS00009226	825.00	830.00	0.0	0.6	30.0		5.4				5Y 6/4				✓				✓				✓															✓				✓						✓		0	N/A	0	0	N/A	0	0	N/A	0	1	10Y 8/2	4	0	N/A	0
07/12/01	JSW	08/11/01	GH	BCS00009227	830.00	835.00	0.0	0.6	30.0		5.4				5Y 6/4				✓				✓				✓															✓				✓						✓		0	N/A	0	0	N/A	0	0	N/A	0	1	10Y 8/2	4	0	N/A	0
07/12/01	JSW	08/11/01	GH	BCS00009228	835.00	840.00	0.0	0.6	30.0		5.4				5Y 6/4				✓				✓				✓															✓				✓						✓		0	N/A	0	0	N/A	0	0	N/A	0	1	10Y 8/2	4	0	N/A	0
07/12/01	JSW	08/11/01	GH	BCS00009229	840.00	845.00	0.0	1.2	30.0		5.4				5Y 6/4				✓				✓				✓															✓				✓						✓		0	N/A	0	0	N/A	0	0	N/A	0	1	10Y 8/2	4	0	N/A	0
07/12/01	JSW	08/11/01	GH	BCS00009230	845.00	850.00	0.0	1.2	30.0		5.4				5Y 6/4				✓				✓				✓															✓				✓						✓		0	N/A	0	0	N/A	0	0	N/A	0	1	10Y 8/2	4	0	N/A	0
07/12/01	JSW	08/11/01	GH	BCS00009231	850.00	855.00	0.0	1.2	30.0		5.4				5Y 6/4				✓				✓				✓															✓				✓						✓		0	N/A	0	0	N/A	0	0	N/A	0	1	10Y 8/2	4	0	N/A	0
07/12/01	JSW	08/11/01	GH	BCS00009232	855.00	860.00	0.0	1.2	30.0		5.4				5Y 6/4				✓				✓				✓															✓				✓						✓		0	N/A	0	0	N/A	0	0	N/A	0	1	10Y 8/2	4	0	N/A	0
07/12/01	JSW	08/11/01	GH	BCS00009233	860.00	865.00	0.0	1.3	30.0		5.4				5Y 6/4				✓				✓				✓															✓				✓						✓		0	N/A	0	0	N/A	0	0	N/A	0	1	10Y 8/2	4	0	N/A	0
07/12/01	JSW	08/11/01	GH	BCS00009234	865.00	870.00	0.0	1.3	30.0		5.4				5Y 6/4				✓				✓				✓															✓				✓						✓		0	N/A	0	0	N/A	0	0	N/A	0	1	10Y 8/2	4	0	N/A	0
07/12/01	JSW	08/11/01	GH	BCS00009235	870.00	875.00	0.0	1.3	30.0		5.4				5Y 6/4				✓				✓				✓															✓				✓						✓		0	N/A	0	0	N/A	0	0	N/A	0	1	10Y 8/2	4	0	N/A	0
07/12/01	JSW	08/11/01	GH	BCS00009236	875.00	880.00	0.0	1.3	30.0		5.4				5Y 6/4				✓				✓				✓															✓				✓						✓		0	N/A	0	0	N/A	0	0	N/A	0	1	10Y 8/2	4	0	N/A	0
07/12/01	JSW	08/11/01	GH	BCS00009237	880.00	885.00	0.0	1.5	30.0		5.4				5Y 6/4				✓				✓				✓															✓				✓						✓		0	N/A	0	0	N/A	0	0	N/A	0	1	10Y 8/2	4	0	N/A	0
07/12/01	JSW	08/11/01	GH	BCS00009238	885.00	890.00	0.0	1.5	30.0		5.4				5Y 6/4				✓				✓				✓															✓				✓						✓		0	N/A	0	0	N/A	0	0	N/A	0	1	N9	4	0	N/A	0
07/12/01	JSW	08/11/01	GH	BCS00009239	890.00	895.00	0.0	1.5	30.0		5.4				5Y 6/4				✓				✓				✓															✓				✓						✓		0	N/A	0	0	N/A	0	0	N/A	0	1	N9	4	0	N/A	0
07/12/01	JSW	08/11/01	GH	BCS00009240	895.00	900.00	0.0	1.5	30.0		5.4				5Y 6/4				✓				✓				✓															✓				✓						✓		0	N/A	0	0	N/A	0	0	N/A	0	1	N9	4	0	N/A	0