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

Key for Sample Number: SC = Sonic core; SCA = Sonic core duplicate interval; C = Drive core. Key for Sample Type: L = Logging; D = Density; F = Fill; LC = Lost core; R = Entire run; X = End of run (overlaps with next run).

Borehole ID: **NC-EWDP-22PA** (Phase 3) Driller/Drilling Company Alton Schoonmaker/THF Drilling Method: Casing Advance Alluvium Depth (ft bgs): 0 to 780 Start Date: 1/15/2002 End Date: 2/5/2002

Date Logged	Logged By (Initials)	Date Checked	Checked By (Initials)	Core Run Number	Sample Type	Sample Number	Depth Interval (feet bgs)		Coring Data			Sample Density Data			Munsell Color Symbol	Moisture Content			Particle Size Distribution (%)					Grading			Estimated Plasticity				USCS Group Symbol	Gravel/Sand GrainShape				Cementation				HCL Reaction			Major Rock Type (%)		
							From	To	Coring Rate (feet/min)	Sample Recovery (feet)	Core Diameter (inches)	Tare Weight (kg)	Sample Plus Tare Weight (kg)	Sample Weight (kg)		Dry	Moist	Wet	Gravel	Sand	Silt	Clay	Fines (Silt plus Clay)	Well Graded	Poorly Graded	Not Applicable	None	Low	Moderate	High		Angular	Subangular	Subrounded	Rounded	None	Weak	Moderate	Strong	None	Weak	Strong	Volcanics	Carbonates	Other
11/7/2002	BW	1/29/2003	JSW			DC-22PA-1-4	392.25	392.75	1.5		4.0				5YR 5/6	☑	☐	☐	43	47	10	0	10	☑	☐	☐	☑	☐	☐	☐	SW-SM	☐	☐	☑	☐	☑	☐	☐	☐	☑	☐	☐	100		
11/7/2002	BW	1/29/2003	JSW			DC-22PA-1-6	393.25	393.50	1.5		4.0				5YR 5/6	☑	☐	☐	41	49	10	0	10	☑	☐	☐	☑	☐	☐	☐	SW-SM	☐	☐	☑	☐	☑	☐	☐	☐	☑	☐	☐	100		
11/19/2002	BW	1/29/2003	JSW			DC-22PA-3-3	553.24	553.74	1.1		4.0				5YR 4/4	☑	☐	☐	15	75	10	0	10	☑	☐	☐	☑	☐	☐	☐	SW-SM	☐	☐	☑	☐	☑	☐	☐	☐	☑	☐	☐	100		
11/19/2002	BW	1/29/2003	JSW			DC-22PA-4-3	572.64	573.14	0.7		4.0				5YR 5/2-5/4	☑	☐	☐	24	66	10	0	10	☑	☐	☐	☑	☐	☐	☐	SW-SM	☐	☑	☐	☐	☑	☐	☐	☐	☑	☐	☐	100		
11/19/2002	BW	1/29/2003	JSW			DC-22PA-5-3	670.11	670.61	1.0		4.0				5YR 4/4	☑	☐	☐	52	38	10	0	10	☑	☐	☐	☑	☐	☐	☐	GW-GM	☐	☐	☑	☐	☑	☐	☐	☐	☑	☐	☐	100		
11/13/2002	BW	1/29/2003	JSW			DC-22PA-6-5	710.33	710.58	1.3		4.0				10YR 5.5/5	☑	☐	☐	40	50	10	0	10	☑	☐	☐	☑	☐	☐	☐	SW-SM	☐	☐	☑	☐	☑	☐	☐	☐	☑	☐	☐	100		
11/19/2002	BW	1/29/2003	JSW			DC-22PA-7-3	740.85	741.35	0.8		4.0				5YR 4/4	☑	☐	☐	68	24	8	0	8	☑	☐	☐	☑	☐	☐	☐	GW-GM	☐	☐	☑	☐	☑	☐	☐	☐	☑	☐	☐	100		
11/25/2002	BW	1/29/2003	JSW			DC-22PA-7-5	741.85	742.10	0.8		4.0				5YR 4/4	☑	☐	☐	60	35	5	0	5	☑	☐	☐	☑	☐	☐	☐	GW	☐	☑	☐	☐	☐	☐	☐	☑	☑	☐	☐	100		