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

Borehole ID: **NC-EWDP-10P** (Phase 3) Driller/Drilling Company: Alton Schoonmaker/THF Drilling Method: Casing Advance Alluvium Depth (ft bgs): 787.5 to 910 Start Date: 12/17/2001 End Date: 12/19/2001

Logged		Checked		Sample	Depth Interval (feet/bgs)		Drilling/Coring Data: Liquid Drilling Fluid Injection Rate (gpm)	Drilling/Coring Rate (feet/min)	Water Production (gpm)	Sample Recovery (gallons)	Sample Density Data: Borehole Diameter (inches)	Tare Weight (kg)	Sample Plus Tare Weight (kg)	Sample Weight (kg)	Munsell Color Symbol
12/17/01	BW	01/27/02	HJA	BCS00011341	787.50	790.00	0.0	0.8	20.0		7.1				5YR 4/4
12/18/01	KDD	01/27/02	HJA	BCS00011342	790.00	795.00	0.0	0.8	20.0		5.9				5YR 4/4
12/18/01	KDD	01/27/02	HJA	BCS00011343	795.00	800.00	0.0	0.5	20.0		5.9				5YR 4/4
12/18/01	KDD	01/27/02	HJA	BCS00011344	800.00	805.00	0.0	1.3	20.0		5.9				5YR 4/4
12/18/01	KDD	01/27/02	HJA	BCS00011345	805.00	810.00	0.0	1.3	20.0		5.9				5YR 4/4
12/18/01	KDD	01/27/02	HJA	BCS00011346	810.00	815.00	0.0	0.5	20.0		5.9				5YR 4/4
12/18/01	KDD	01/27/02	HJA	BCS00011347	815.00	820.00	0.0	0.5	18.0		5.9				5YR 4/4
12/19/01	KDD	01/27/02	HJA	BCS00011348	820.00	825.00	0.0	1.0	18.0		5.9				5YR 4/4
12/19/01	KDD	01/27/02	HJA	BCS00011349	825.00	830.00	0.0	0.4	18.0		5.9				5YR 4/4
12/19/01	KDD	01/27/02	HJA	BCS00011350	830.00	835.00	0.0	0.6	18.0		5.9				5YR 4/4
12/19/01	KDD	01/27/02	HJA	BCS00011351	835.00	840.00	0.0	0.7	18.0		5.9				5YR 4/4
12/19/01	KDD	01/27/02	HJA	BCS00011352	840.00	845.00	0.0	1.3	18.0		5.9				5YR 4/4
12/19/01	KDD	01/27/02	HJA	BCS00011353	845.00	850.00	0.0	1.7	18.0		5.9				5YR 4/4
12/19/01	KDD	01/27/02	HJA	BCS00011354	850.00	855.00	0.0	1.0	18.0		5.9				5YR 4/4
12/19/01	KDD	01/27/02	HJA	BCS00011355	855.00	860.00	0.0	0.7	18.0		5.9				5YR 4/4
12/19/01	KDD	01/27/02	HJA	BCS00011356	860.00	865.00	0.0	1.3	18.0		5.9				5YR 4/4
12/19/01	KDD	01/27/02	HJA	BCS00011357	865.00	870.00	0.0	1.3	18.0		5.9				5YR 4/4
12/19/01	KDD	01/27/02	HJA	BCS00011358	870.00	875.00	0.0	1.7	18.0		5.9				5YR 4/4
12/19/01	KDD	01/27/02	HJA	BCS00011359	875.00	880.00	0.0	1.3	37.5		5.9				5YR 4/4
12/19/01	KDD	01/27/02	HJA	BCS00011360	880.00	885.00	0.0	2.5	37.5		5.9				5YR 4/4
12/19/01	KDD	05/24/02	JSW	BCS00011361	885.00	890.00	0.0	1.7	37.5		5.9				5YR 4/4
12/19/01	KDD	05/24/02	JSW	BCS00011362	890.00	895.00	0.0	1.7	37.5		5.9				5YR 4/4
12/19/01	KDD	05/24/02	JSW	BCS00011363	895.00	900.00	0.0	1.3	50.0		5.9				5YR 4/4
12/19/01	KDD	05/24/02	JSW	BCS00011364	900.00	905.00	0.0	1.3	50.0		5.9				5YR 4/4
12/19/01	KDD	05/24/02	JSW	BCS00011365	905.00	910.00	0.0	1.3	50.0		5.9				5YR 4/4

Sample	Moisture Content: Not Applicable	Dry	Moist	Wet	HCL Reaction: None	Weak	Strong	Rock Unit – Tuff – Deposition: Ash Fall	Ash Flow	Reworked	Welding: Dense	Moderate	Weak	None	Alteration: Vitric	Devitrified	Matrix	Vapor Phase	Spherulitic	Sedimentary: Claystone	Mudstone	Siltstone	Sandstone	Conglomerate	Chert	Carbonate: Limestone	Dolomite	Other	Weathering: Fresh	Slight	Moderate	High	Decomposed	Structure: None Observed	Stratified	Laminated	Fractured	Other	Matrix: Dense/Non-porous	Open/Porous	Other
BCS00011341				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011342				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011343				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011344				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011345				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011346				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011347				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011348				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011349				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011350				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011351				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011352				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011353				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011354				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011355				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011356				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011357				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011358				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011359				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011360				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011361				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011362				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011363				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011364				✔	✔				✔			✔				✔								✔					✔					✔					✔		
BCS00011365				✔	✔				✔			✔				✔								✔					✔					✔					✔		

Sample	Phenocrysts – Mafics: % by Vol.	Munsell Color Symbol	Max. Size (mm)	Quartz: % by Vol.	Munsell Color Symbol	Max. Size (mm)	Feldspar: % by Vol.	Munsell Color Symbol	Max. Size (mm)	Clasts – Pumice: % by Vol.	Munsell Color Symbol	Max. Size (mm)	Lithics: % by Vol.	Munsell Color Symbol	Max. Size (mm)
BCS00011341	1	N1	1	0	N/A	0	0	N/A	0	15	N7	3	0	N/A	0
BCS00011342	1	N1	1	0	N/A	0	0	N/A	0	10	N7	6	0	N/A	0
BCS00011343	0	N/A	0	0	N/A	0	0	N/A	0	10	N7	6	0	N/A	0
BCS00011344	0	N/A	0	0	N/A	0	0	N/A	0	10	N7	3	0	N/A	0
BCS00011345	0	N/A	0	0	N/A	0	0	N/A	0	10	N7	3	0	N/A	0
BCS00011346	0	N/A	0	0	N/A	0	0	N/A	0	5	N7	3	0	N/A	0
BCS00011347	0	N/A	0	0	N/A	0	0	N/A	0	5	N7	3	0	N/A	0
BCS00011348	2	N2	4	0	N/A	0	0	N/A	0	5	N7	3	0	N/A	0
BCS00011349	0	N/A	0	5	COLORLESS	2	0	N/A	0	10	N7	4	0	N/A	0
BCS00011350	0	N/A	0	5	COLORLESS	2	0	N/A	0	10	N7	4	0	N/A	0
BCS00011351	0	N/A	0	5	COLORLESS	2	0	N/A	0	10	N7	4	0	N/A	0
BCS00011352	0	N/A	0	2	COLORLESS	2	0	N/A	0	10	N7	4	0	N/A	0
BCS00011353	0	N/A	0	0	N/A	0	0	N/A	0	10	N7	4	0	N/A	0
BCS00011354	0	N/A	0	0	N/A	0	0	N/A	0	10	N7	4	0	N/A	0
BCS00011355	0	N/A	0	0	N/A	0	0	N/A	0	10	N7	2	0	N/A	0
BCS00011356	0	N/A	0	0	N/A	0	0	N/A	0	10	N7	2	0	N/A	0
BCS00011357	0	N/A	0	0	N/A	0	0	N/A	0	10	N7	2	0	N/A	0
BCS00011358	0	N/A	0	0	N/A	0	0	N/A	0	10	N7	2	0	N/A	0
BCS00011359	2	N2	3	2	COLORLESS	3	0	N/A	0	15	N7	6	0	N/A	0
BCS00011360	2	N2	3	2	COLORLESS	3	0	N/A	0	15	N7	6	0	N/A	0
BCS00011361	2	N2	1	2	COLORLESS	2	0	N/A	0	10	N7	6	0	N/A	0
BCS00011362	2	N2	1	2	COLORLESS	2	0	N/A	0	10	N7	6	0	N/A	0
BCS00011363	2	N2	1	2	COLORLESS	2	0	N/A	0	10	N7	6	0	N/A	0
BCS00011364	2	N2	1	2	COLORLESS	2	0	N/A	0	10	N7	6	0	N/A	0
BCS00011365	2	N2	1	2	COLORLESS	2	0	N/A	0	10	N7	6	0	N/A	0