

NYE COUNTY NUCLEAR WASTE REPOSITORY PROJECT OFFICE

CUTTINGS SAMPLE LOG

CONTINUATION

Borehole ID DNC-EPDP-3DB Drill Depth From 60' To 125' Page 2 of 8

DEPTH (Feet)	Top/Bottom of Cuttings Sample Interval	Description of Lithology - Petrology	GRAPHIC LOG	LITHOLOGIC UNIT	Notes
	BCS 0000 5038	VALLEY FILL, 40-160' CONTINUED			
65	BCS 0000 5039				
	BCS 0000 5040				
75	BCS 0000 5041	75-160' SILT/SANDSTONE (GRAYISH ORANGE PINK SYR 7/2, VOLCANOCLASTIC, NONCALCAREOUS TO CALCAREOUS, 1-20% OF SAMPLE			
	BCS 0000 5042				
85	BCS 0000 5043				
	BCS 0000 5044				
95	BCS 0000 5045				
	BCS 0000 5046				
105	BCS 0000 5047				
	BCS 0000 5048				
115	BCS 0000 5049				
	BCS 0000 5050				
125					

Prepared By ARTHUR J. MENDENHALL Date 01-20-00 Checked By BERT E. ARQUIST Date 1-22-00

NYE COUNTY NUCLEAR WASTE REPOSITORY PROJECT OFFICE

CUTTINGS SAMPLE LOG

CONTINUATION

Borehole ID DNC-EWDP-3DB Drill Depth From 125' To 190' Page 3 of 8

DEPTH (Feet)	Top/Bottom of Cuttings Sample Interval	Description of Lithology - Petrology	GRAPHIC LOG	LITHOLOGIC UNIT	Notes
130	BCS 0000 5051	VALLEY FILL, CONTINUED			
	BCS 0000 5052				
	BCS 0000 5053				
140	BCS 0000 5054				
	BCS 0000 5055				
150	BCS 0000 5056				
	BCS 0000 5057	LACUSTRINE, A COMBINATION OF LIMESTONE (GRAYISH YELLOW SY 8/4), SILTSTONE (GRAYISH ORANGE 10YR 7/4 OR MOSTLY GRAYISH YELLOW SY 8/4), SANDSTONE (VERY LIGHT GRAY N8), 160'-180'. COBBLES, VOLCANIC (GRAYISH BLACK N8) THROUGHOUT SECTION COBBLES, VOLCANIC (MODERATE BROWN SYR 3/4) INCREASING TOWARD BOTTOM OF SECTION			
160	BCS 0000 5058				
	BCS 0000 5059				
170	BCS 0000 5060				
	BCS 0000 5061				
180	BCS 0000 5062	NO sample recovery			
	BCS 0000 5063	SAND AND SILT (PALE YELLOWISH BROWN 10YR 6/2)			
190					

Prepared By ARTHUR J. MENDENHALL Date 01-20-00 Checked By BENT E. AARVIST Date 1-22-00

NYE COUNTY NUCLEAR WASTE REPOSITORY PROJECT OFFICE

CUTTINGS SAMPLE LOG

CONTINUATION

Borehole ID UC-EWDP-3DB Drill Depth From 190' To 255' Page 4 of 8

DEPTH (Feet)	Top/Bottom of Cuttings Interval	Description of Lithology - Petrology	GRAPHIC LOG	LITHOLOGIC UNIT	Notes
195	BCS 0000 5064	NO SAMPLE RECOVERY			
	BCS 0000 5065	SAND, SILT, AND COBBLES PALE YELLOW BROWN (10YR 6/2)	— 0 — 0 —		
205	BCS 0000 5066	200-290 REWORKED TUFF, 200'-270' VERY LIGHT GRAY (N8) 270'-290' YELLOWISH GRAY (5Y 8/1), VERY SANDY + SILTY. NON-TO MODERATELY CALCAREOUS, 1% VOLCANOCLASTIC SANDS AND COBBLES	+ — — 0 + — + — — + + — — +		
	BCS 0000 5067				
	BCS 0000 5068	LIMONITIC LAYER	+ — — + — +		
215	BCS 0000 5069	VERY MUCH CLAY	— 0 + — + + —		
225	BCS 0000 5070	NO SAMPLE RECOVERY			
	BCS 0000 5071				
	BCS 0000 5121				
235	BCS 0000 5072				
	BCS 0000 5073	LIMONITIC	+ — — + + —		
245	BCS 0000 5074	NO SAMPLE RECOVERY			
	BCS 0000 5075	YELLOWISH GRAY 5Y 8/1	+ — — + + —		
255					

Prepared By ARTHUR J. MENDENHALL Date 1-22-68 Checked By BERT E. HAQUIST Date 1-22-68

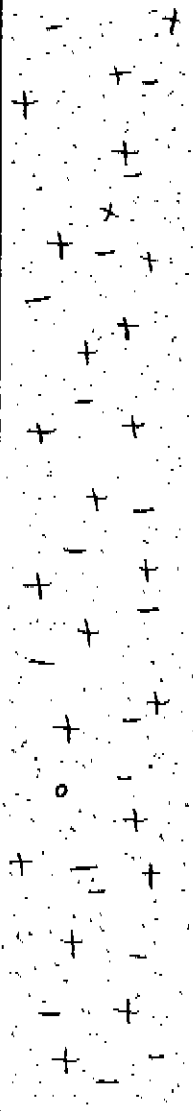
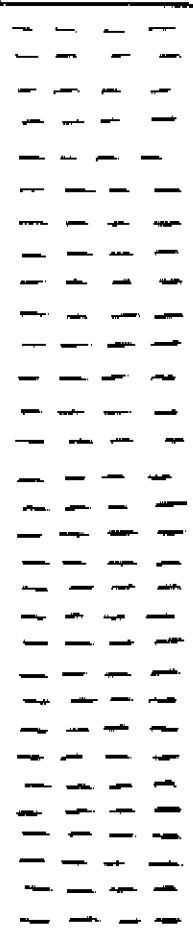
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NYE COUNTY NUCLEAR WASTE REPOSITORY PROJECT OFFICE

CUTTINGS SAMPLE LOG

CONTINUATION

Borehole ID MC-FWDP-3DB Drill Depth From 255' To 320' Page 5 of 8

DEPTH (Feet)	Top/Bottom of Cuttings Sample Interval	Description of Lithology - Petrology	GRAPHIC LOG	LITHOLOGIC UNIT	Notes
260	BCS 0000 5076	270-290 YELLOWISH GRAY (SY 8/1) MORE SILTY			
	BCS 0000 5077				
	BCS 0000 5078				
270	BCS 0000 5079				
	BCS 0000 5080				
280	BCS 0000 5122				
	BCS 0000 5123	290-339 SILTSTONE, DARK GRAY (N3) AT TOP TO LIGHT GRAY (N7) AT BOTTOM, MODERATE TO STRONGLY CALCAREOUS,			
290	BCS 0000 5124				
	BCS 0000 5125				
300	BCS 0000 5081				
	BCS 0000 5082				
310	BCS 0000 5083				
	BCS 0000 5084				
320					

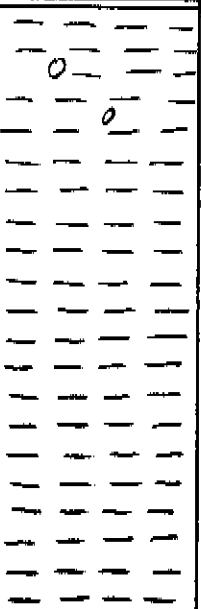
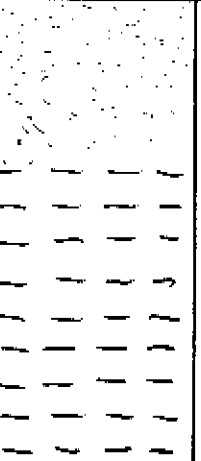
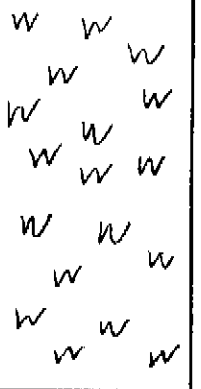
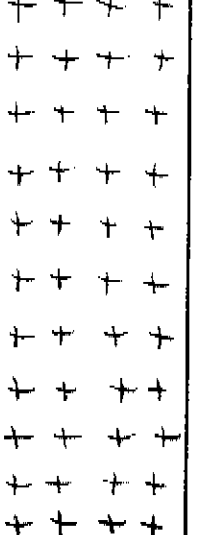
Prepared By ARTHUR J. MENDENHALL Date 01-20-00 Checked By BERT E. AAGUST Date 1-22-00

NYE COUNTY NUCLEAR WASTE REPOSITORY PROJECT OFFICE

CUTTINGS SAMPLE LOG

CONTINUATION

Borehole ID WC-EWDP-3DB Drill Depth From 320' To 385' Page 6 of 8

DEPTH (Feet)	Top/Bottom of Cuttings Sample Interval	Description of Lithology - Petrology	GRAPHIC LOG	LITHOLOGIC UNIT	Notes
326	BCS 0000 5085	SILTSTONE, CONTINUED 320-325 VOLCANIC CLASTS,			
325	BCS 0000 5086				
330	BCS 0000 5087				
335	BCS 0000 5088				
340	BCS 0000 5089	339'-354' SILT, PALE OLIVE 10Y 6/2, SANDSTONE, GRAYISH ORANGE (10YR 7/A).			
345	BCS 0000 5090				
350	BCS 0000 5091				
355	BCS 0000 5092	354'-372' TUFF, ASH FLOW, GRAYISH YELLOW (5Y 8/4) OR VERY LIGHT GRAY, WEAKLY WELDED, 20% PUMICE, WHITE (N9), 1% BIOTITE, SOMEWHAT ABRAIDED.			
360	BCS 0000 5093				
365	BCS 0000 5094				
370	BCS 0000 5095	372'-386' TUFF, ASH FALL, PUMICE, WHITE (N9), 1% BIOTITE, 1% LITHICS, DARK GRAY (N3), 5% FELDSPAR PHENOCRYSTS			
375	BCS 0000 5096				
380	BCS 0000 5097				
385					

Prepared By ARTHUR J. MENDENHALL Date 01-20-00 Checked By BENTE A. AQUIST Date 1-22-00

REV.

NYE COUNTY NUCLEAR WASTE REPOSITORY PROJECT OFFICE

CUTTINGS SAMPLE LOG

CONTINUATION

Borehole ID NC-EWDP-3DB Drill Depth From 385' To 450' Page 7 of 8

DEPTH (Feet)	Top/Bottom of Cuttings Sample Interval	Description of Lithology - Petrology	GRAPHIC LOG	LITHOLOGIC UNIT	Notes
385	BCS 0000	TUFF, ASH FALL	++++		
390	5098	386'-505' TUFF, ASH FLOW, VERY LIGHT GRAY (N8) AT TOP BECOMING DARK GRAY (N3) TO GRAYISH BLACK (N2) TOWARD BOTTOM, WEAKLY WELDED, 1-20% PUMICE, WHITE (N9), LITHIC SWARMS, DARK GRAY (N3), 1% BIOTITE, 1% SANDWINE	W W		
	BCS 0000		W		
395	5099		W W		
	BCS 0000		W		
400	5100		W W		
	BCS 0000		W		
405	5101		W W		
	BCS 0000		W		
410	5102		W W		
	BCS 0000		W		
415	5103		W W		
	BCS 0000		W		
420	5104		W W		
	BCS 0000		W		
425	5105		W W		
	BCS 0000		W		
430	5106		W W		
	BCS 0000		W		
435	5107		W W		
	BCS 0000		W		
440	5108		W W		
	BCS 0000		W		
445	5109		W W		
	BCS 0000		W		
450	5110		W W		

Prepared By ARTHUR J. MENDENHALL Date 01-21-02 Checked By BENTE AARVIST Date 1-22-00

NYE COUNTY NUCLEAR WASTE REPOSITORY PROJECT OFFICE

CUTTINGS SAMPLE LOG

CONTINUATION

Borehole ID DNC-EWDP-3DB Drill Depth From 450' To 515' Page 8 of 8

DEPTH (Feet)	Top/Bottom of Cuttings Sample Interval	Description of Lithology - Petrology	GRAPHIC LOG	LITHOLOGIC UNIT	Notes
	BCS 0000		W W		
455	5111		W		
	BCS 0000		W W		
460	5112		W		
	BCS 0000	460'-485' SOME ZEOLOTIC ALTERATION, VERY PALE GREEN (106 8/2)	W W		
465	5113		W		
	BCS 0000		W W		
470	5114		W W		
	BCS 0000		W W		
475	5115		W		
	BCS 0000		W		
480	5116		W W		
	BCS 0000	480'-505' INCREASING QUARTZ	W		
485	5117		W W		
	BCS 0000		W W		
490	5118		W W		
	BCS 0000		W W		
495	5119		W W		
	BCS 0000		W W		
500	5120		W W		
	BCS 0000		W W		
505	5126		W W		T.D. with 26" HOLE 9503.0'
	BCS 0000				T.D. with 17 3/4" HOLE 504.9'
510	BCS 0000				
515					

Prepared By ARTHUR J. MENDENHALL Date 01-21-00 Checked By JENT E. ARQUIST Date 1-22-00