

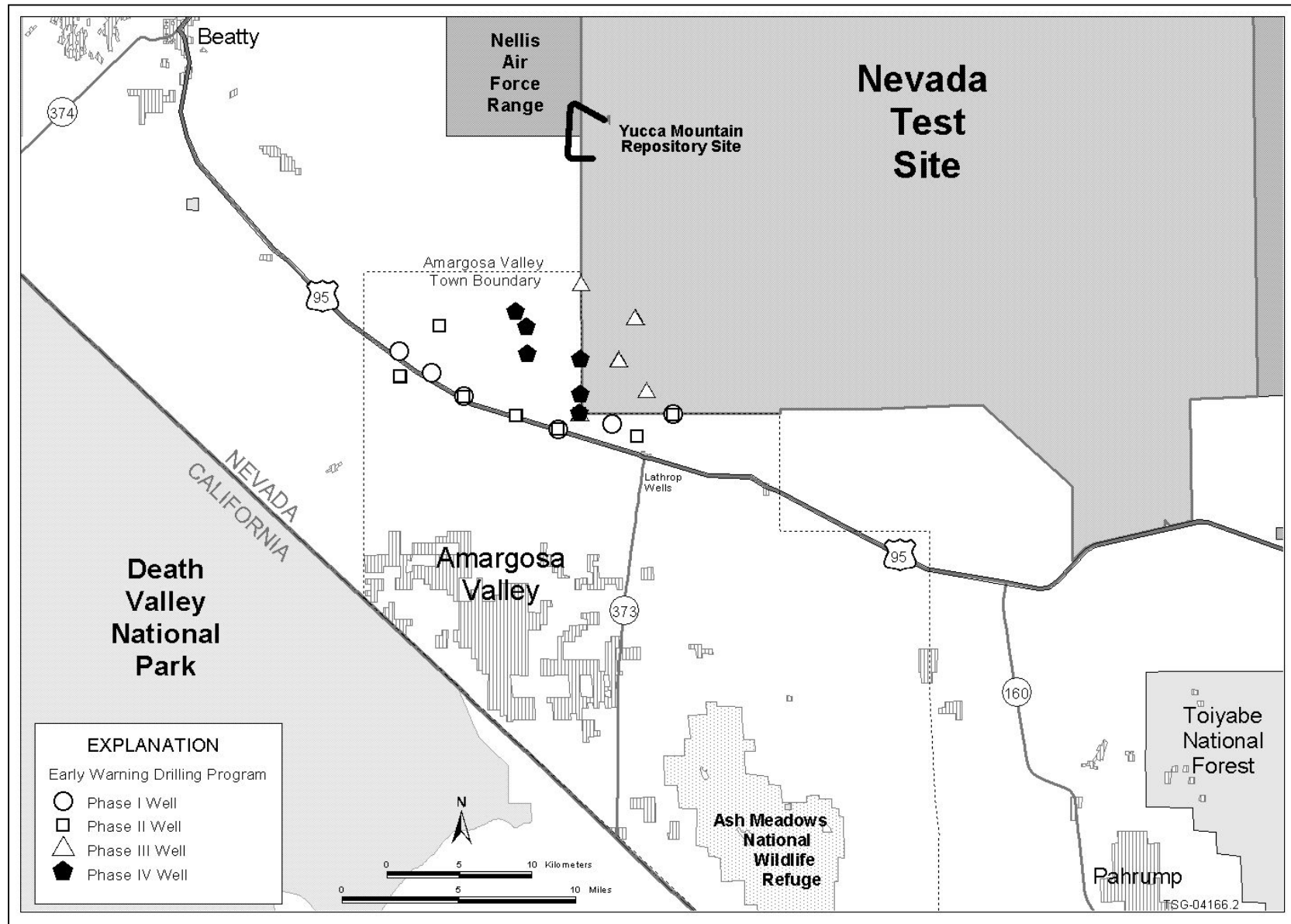


Figure 1.1-1
Early Warning Drilling Program Region

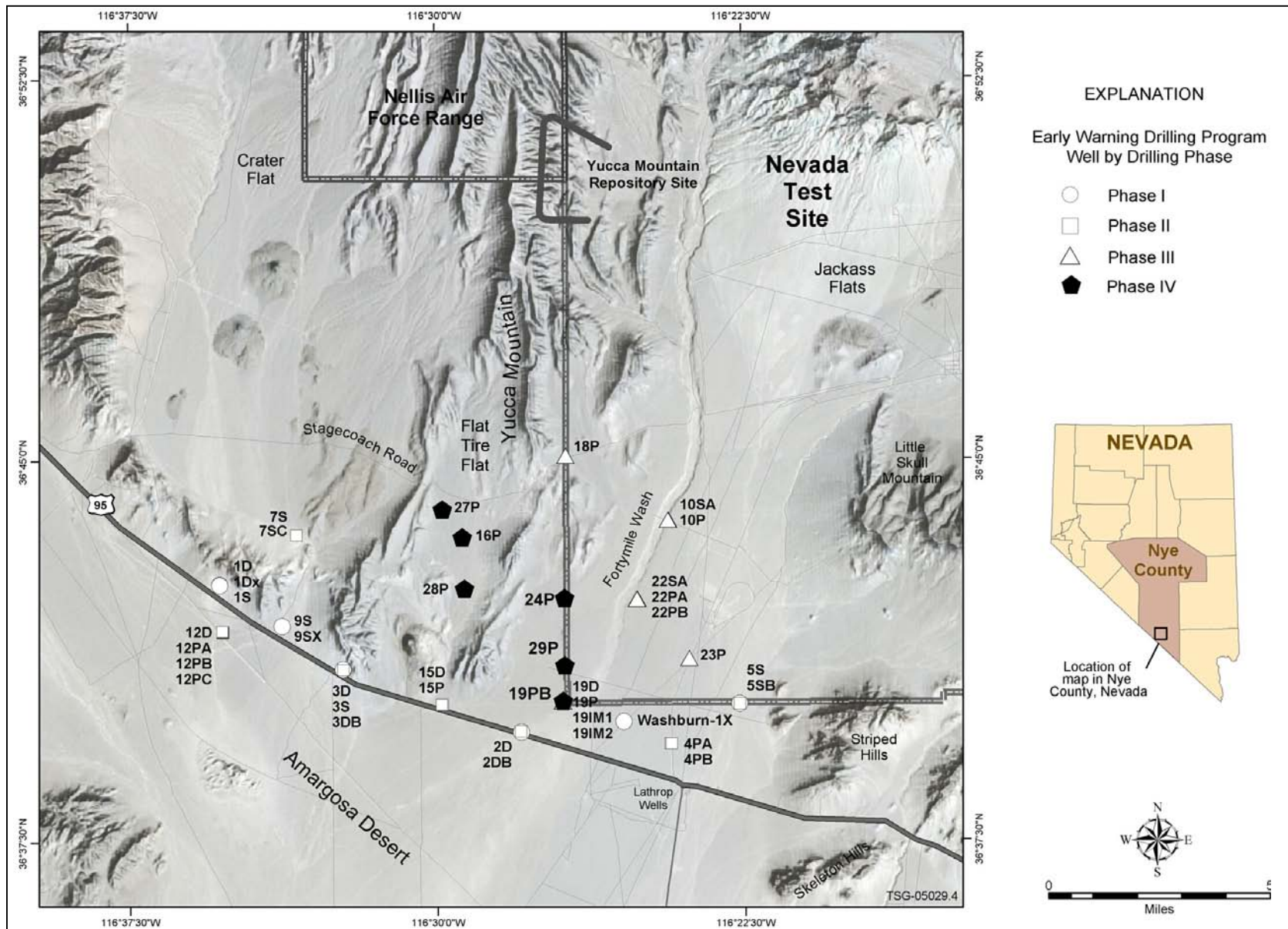
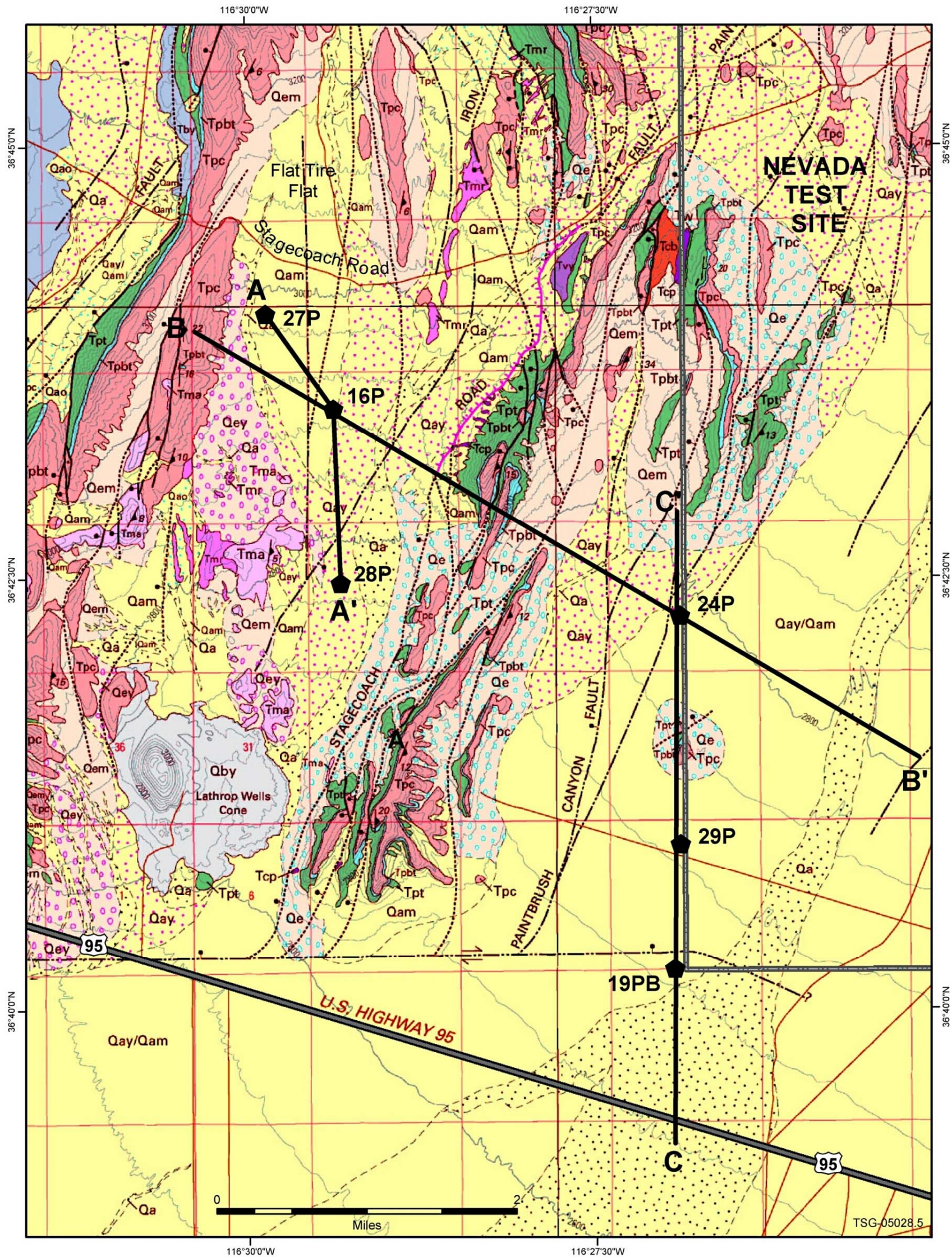
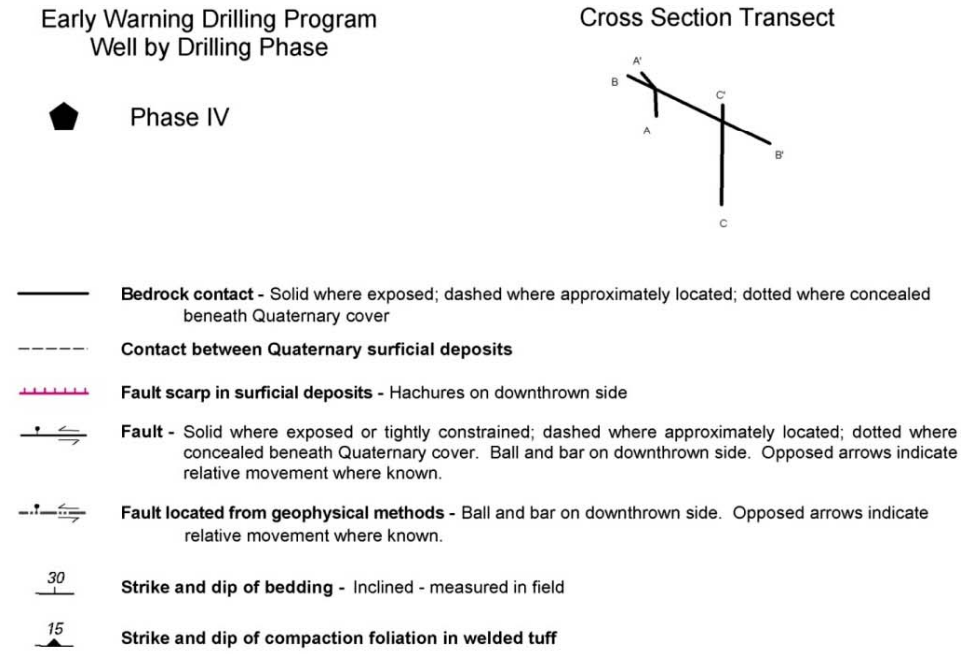


Figure 1.3-1
Early Warning Drilling Program Well Locations



EXPLANATION



Qa	Alluvium (Holocene)
Qay	Younger alluvium (Holocene and late Pleistocene)
Qam	Alluvium (late and middle Pleistocene)
Qao	Older alluvium (middle and early Pleistocene)
Qey	Eolian sand and fragments (Holocene and late Pleistocene)
Qem	Eolian-colluvial ramp deposits (Holocene to middle Pleistocene)
Qby	Younger Quaternary basalt (late Pleistocene)
Qbo	Older Quaternary basalt (early Pleistocene)
Tby	Younger Tertiary basalt of Crater Flat (Pliocene)
Tvy	Younger volcanic rocks (Pliocene to Miocene)
Timber Mountain Group (Miocene)	
Tma	Ammonia Tanks Tuff
Tmr	Rainier Mesa Tuff—Includes rhyolite of Fluorspar Canyon
Paintbrush Group (Miocene)	
Tvx	Intracaldera and caldera margin megabreccia and mesobreccia
Tpk	Rhyolite of Comb Peak
Tpv	Rhyolite of Vent Pass
Tpcy	Tuff of Pinyon Pass
Tpc	Tiva Canyon Tuff
Tpbt	Bedded tuff
Tpt	Topopah Spring Tuff
Tw	Wahmonie Formation (Miocene)
Crater Flat Group (Miocene)	
Tcp	Prow Pass Tuff
Tcb	Bullfrog Tuff
Tcs	Pre-Bullfrog Tuff bedded tuff

Source: Potter and others, 1992

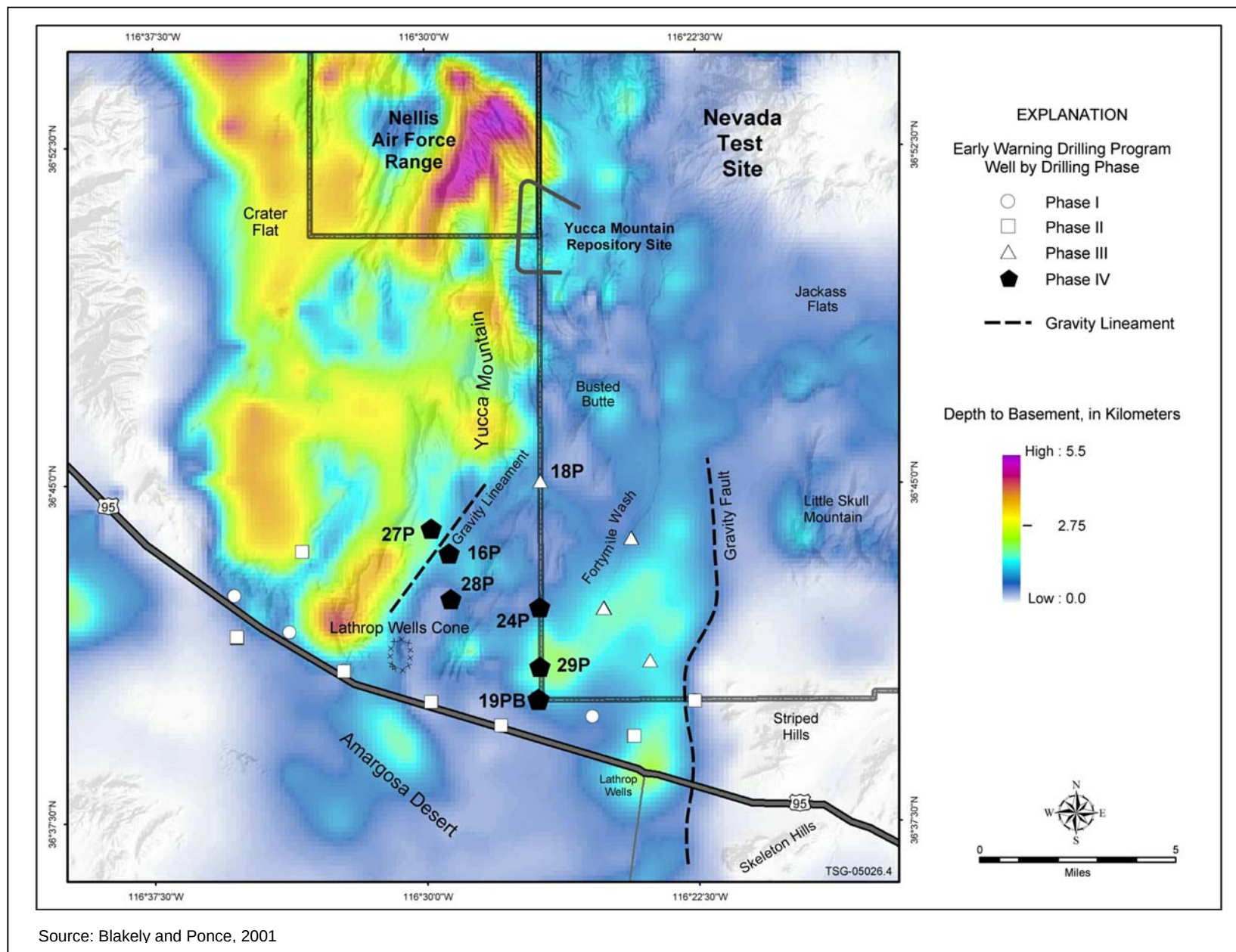


Figure 1.3-3
Depth to Paleozoic-Age Basement Rocks

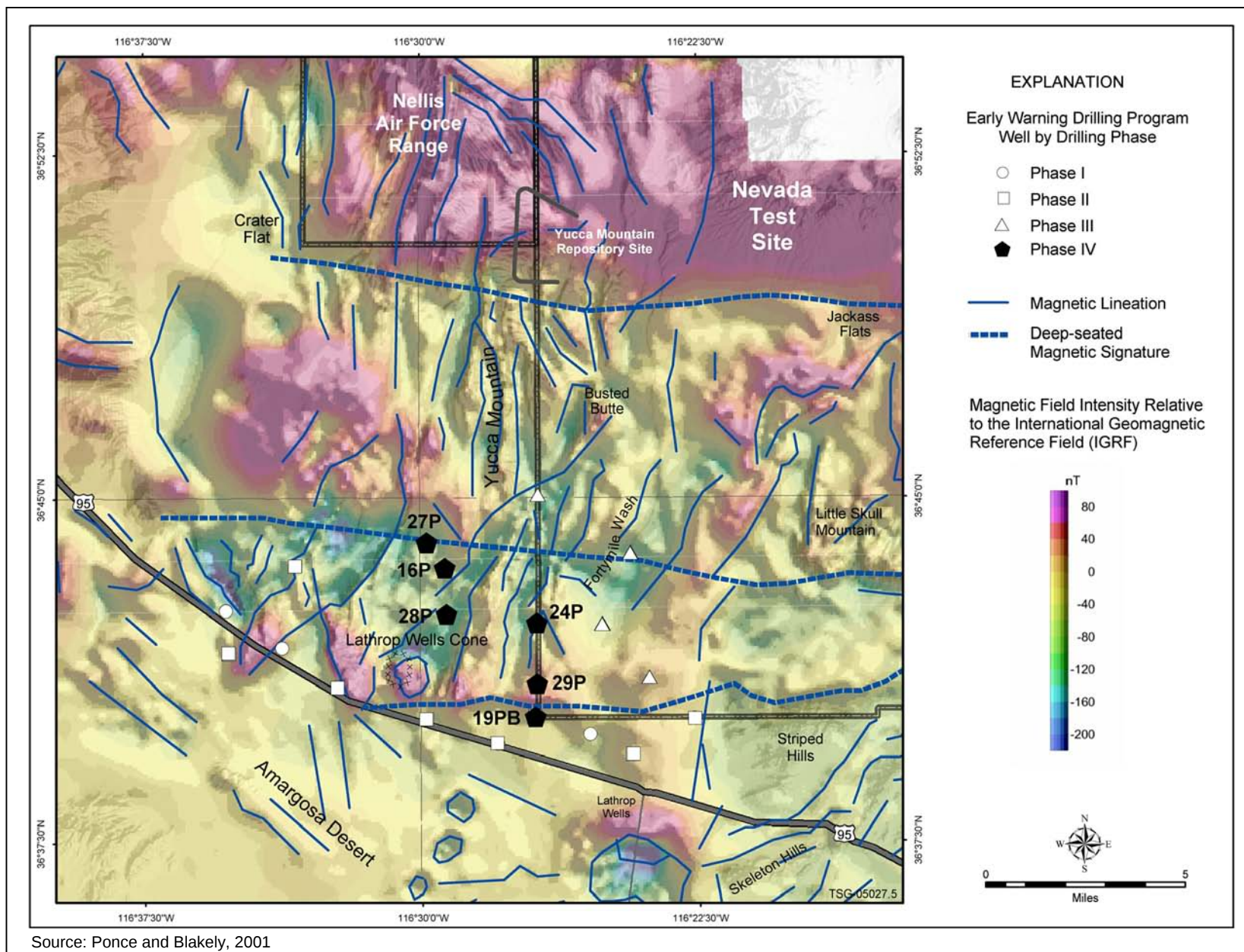


Figure 1.3-4
Aeromagnetic Survey Map

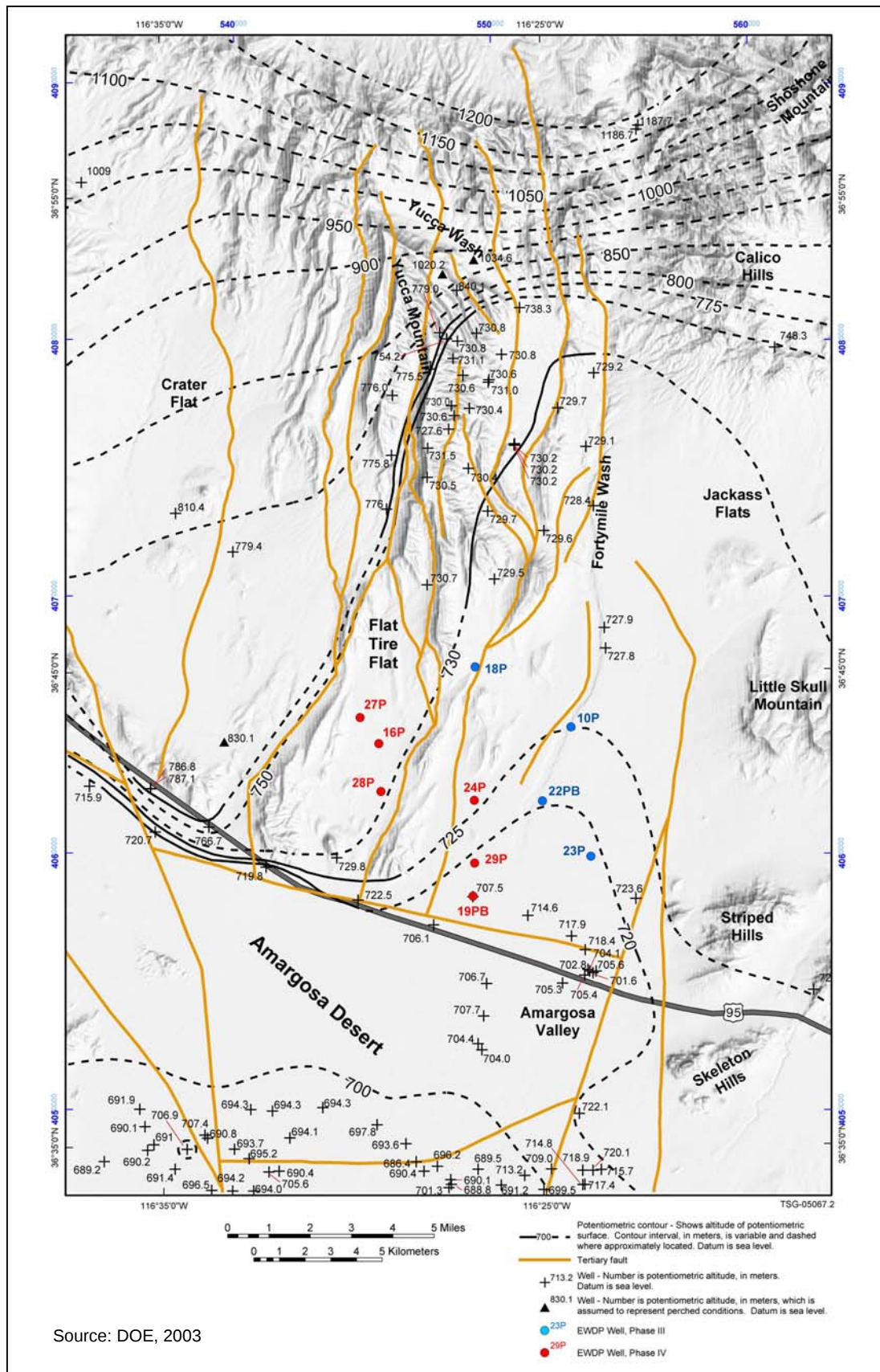


Figure 1.3-5
Potentiometric Surface Map of the Yucca Mountain/Amargosa Desert Area

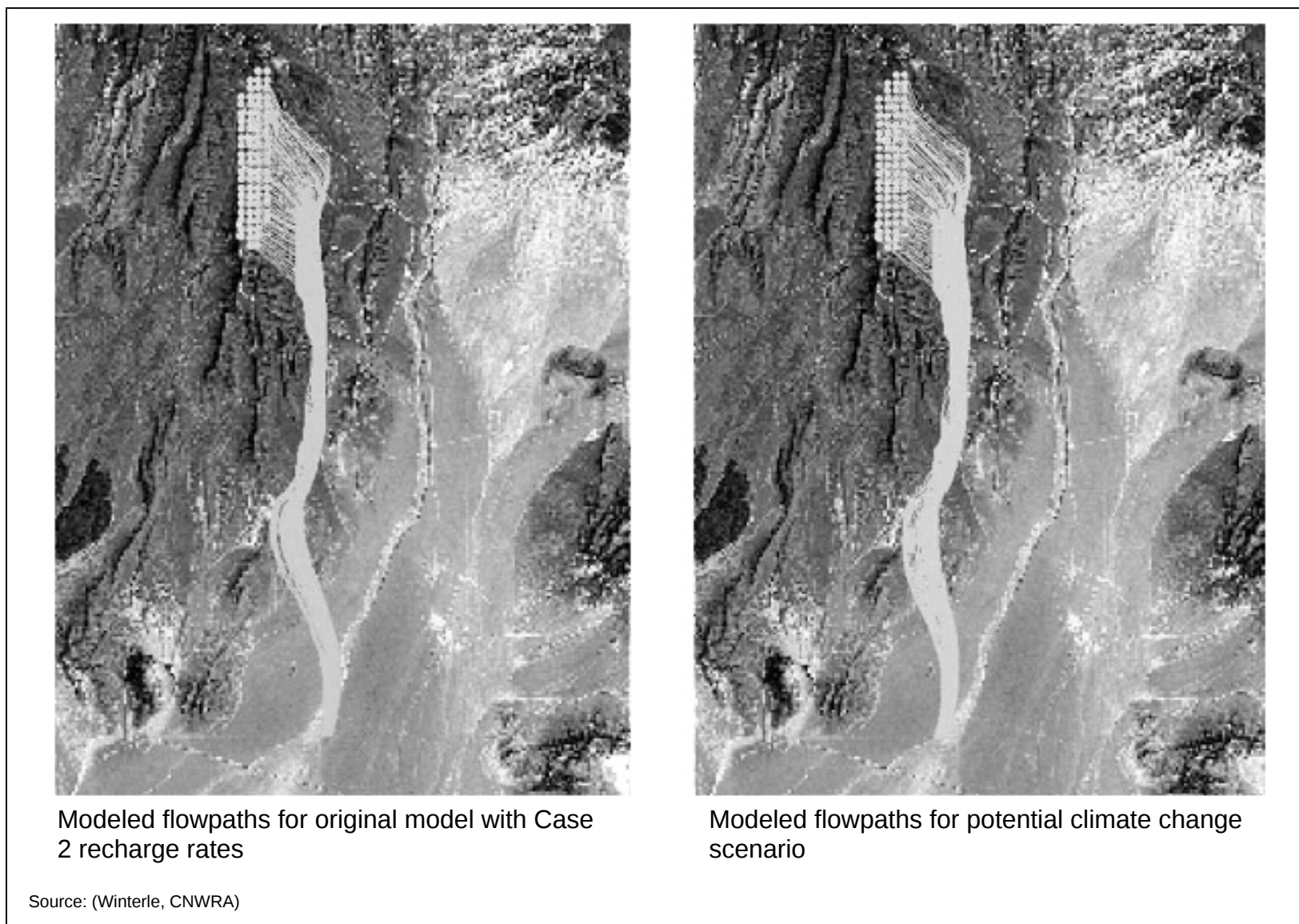


Figure 1.3-6
Modeled Potential Groundwater Flowpaths from the Yucca Mountain Repository

Alluvium Drill Cuttings Logging Form - Nye County Nuclear Waste Repository Project Office

Borehole ID: NC-EWDP-24P	(Phase 4)	Driller/Drilling Company: Greg Secrist/Eklund Drilling Co.	Drilling Method: Reverse Circulation Air Rotary & Select Drive Core	Alluvium Depth (ft bgs): 0 to 400	Start Date: 7/16/2003	End Date: 7/25/2003	Page 1 of 6
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Date Logged	Logged By (Initials)	Date Checked	Checked By (Initials)	Sample Number	Depth Interval (feet bgs)		Drilling Data					Sample Density Measurements			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	Liquid Drilling Fluid Injection Rate (gpm)	Drilling Rate (feet/min)	Water Production (gpm)	Sample Recovery (gallons)	Borehole Diameter (inches)	Tare Weight (kg)	Sample Plus Tare Weight (kg)	Sample Weight (kg)		Dry	Most	Wet	Gravel	Sand	Silt	Clay	Fines (Silt plus clay)	Well Graded	Poorly Graded	None	Low	Moderate	High	Angular		Subangular	Subrounded	Rounded	None	Weak	Moderate	Strong	None	Weak	Strong	Volcanics	Carbonates	Other							
7/16/2003	BW	7/17/2003	EJH	24P-0-2.5	0.00	2.50	0.0	1.3	0.0	2.0	6.3	0.85	9.45	8.60	10YR 5/4				9	73	18	0	18				SM																						100		
7/16/2003	BW	7/17/2003	EJH	24P-2.5-5.0	2.50	5.00	0.0	1.3	0.0	4.0	6.3	0.85	21.70	20.85	7.5YR 4/4				17	72	11	0	11				SW-SM																						100		
7/16/2003	BW	7/17/2003	EJH	24P-5.0-7.5	5.00	7.50	0.0	1.3	0.0	5.0	6.3	0.85	33.10	32.25	10YR 5/4				24	68	8	0	8				SW-SM																				100				
7/16/2003	BW	7/17/2003	EJH	24P-7.5-10.0	7.50	10.00	0.0	1.3	0.0	6.0	6.3	0.85	38.50	37.65	10YR 5/4				25	67	8	0	8				SW-SM																					100			
7/16/2003	BW	7/17/2003	EJH	24P-10.0-12.5	10.00	12.50	0.0	1.3	0.0	5.0	6.3	0.85	26.25	25.40	10YR 5/4				23	69	8	0	8				SW-SM																				100				
7/16/2003	BW	7/17/2003	EJH	24P-12.5-15.0	12.50	15.00	0.0	1.3	0.0	3.5	6.3	0.85	16.05	15.20	10YR 5/4				26	67	7	0	7				SW-SM																				100				
7/16/2003	BW	7/17/2003	EJH	24P-15.0-17.5	15.00	17.50	0.0	1.3	0.0	7.0	6.3	0.85	39.20	38.35	10YR 5/4				20	72	8	0	8				SW-SM																				100				
7/16/2003	BW	7/17/2003	EJH	24P-17.5-20.0	17.50	20.00	0.0	1.3	0.0	2.5	6.3	0.85	12.30	11.45	7.5YR 5/2				35	62	3	0	3				SW																				100				
7/16/2003	BW	7/17/2003	EJH	24P-20.0-22.5	20.00	22.50	0.0	3.3	0.0	0.5	6.3	0.85	3.65	2.80	5YR 5/1				9	86	5	0	5				SW																			100					
7/16/2003	BW	7/17/2003	EJH	24P-22.5-25.0	22.50	25.00	0.0	3.3	0.0	3.0	6.3	0.85	15.85	15.00	7.5YR 5/2				15	76	9	0	9				SW-SM																			100					
7/16/2003	BW	7/17/2003	EJH	24P-25.0-27.5	25.00	27.50	0.0	3.3	0.0	2.0	6.3	0.85	8.90	8.05	5YR 6/3				11	76	8	5	13				SW-SM																			100					
7/16/2003	BW	7/17/2003	EJH	24P-27.5-30.0	27.50	30.00	0.0	3.3	0.0	2.5	6.3	0.85	15.70	14.85	5YR 6/3				21	67	7	5	12				SW-SM																			100					
7/16/2003	BW	7/17/2003	EJH	24P-30.0-32.5	30.00	32.50	0.0	3.3	0.0	2.0	6.3	0.85	11.30	10.45	5YR 6/3				21	73	6	0	6				SW-SM																			100					
7/16/2003	BW	7/17/2003	EJH	24P-32.5-35.0	32.50	35.00	0.0	3.3	0.0	3.0	6.3	0.85	20.40	19.55	7.5YR 5/2				21	73	6	0	6				SW-SM																			100					
7/16/2003	BW	7/17/2003	EJH	24P-35.0-37.5	35.00	37.50	0.0	3.3	0.0	2.0	6.3	0.85	12.00	11.15	7.5YR 5/2				18	74	6	2	8				SW-SM																			100					
7/16/2003	BW	7/17/2003	EJH	24P-37.5-40.0	37.50	40.00	0.0	3.3	0.0	2.0	6.3	0.85	13.04	12.19	7.5YR 5/2				9	80	9	2	11				SW-SM																			100					
7/16/2003	BW	7/17/2003	EJH	24P-40.0-42.5	40.00	42.50	0.0	2.9	0.0	2.5	6.3	0.85	15.15	14.30	5YR 4/2				25	71	4	0	4				SW																		100						
7/16/2003	BW	7/17/2003	EJH	24P-42.5-45.0	42.50	45.00	0.0	2.9	0.0	1.5	6.3	0.85	9.30	8.45	5YR 4/2				26	70	4	0	4				SW																		100						
7/16/2003	BW	7/17/2003	EJH	24P-45.0-47.5	45.00	47.50	0.0	2.9	0.0	1.5	6.3	0.85	9.45	8.60	7.5YR 5/2				17	73	8	2	10				SW-SM																		100						
7/16/2003	BW	7/17/2003	EJH	24P-47.5-50.0	47.50	50.00	0.0	2.9	0.0	2.5	6.3	0.85	12.20	11.35	7.5YR 5/2				9	85	6	0	6				SW-SM																		100						
7/16/2003	BW	2/17/2004	JSW	24P-50.0-52.5	50.00	52.50	0.0	2.9	0.0	3.0	6.3	0.85	16.65	15.80	5YR 4/2				20	74	4	2	6				SW-SM																		100						
7/16/2003	BW	2/17/2004	JSW	24P-52.5-55.0	52.50	55.00	0.0	2.9	0.0	3.0	6.3	0.85	19.05	18.20	5YR 4/2				27	67	4	2	6				SW-SM																		100						
7/16/2003	BW	2/17/2004	JSW	24P-55.0-57.5	55.00	57.50	0.0	2.9	0.0	2.5	6.3	0.85	14.85	14.00	5YR 4/2				22	72	4	2	6				SW-SM																	100							
7/16/2003	BW	2/17/2004	JSW	24P-57.5-60.0	57.50	60.00	0.																																												

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Figure 2.3-1
Example of Alluvium Drill Cuttings Geologic Logging Form

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

Key for Sample Number: SC = Sonic core; 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-24P** (Phase 4) Driller/Drilling Company **Greg Secrist/Eklund Drilling Co.** Drilling Method: **Reverse Circulation Air Rotary & Select Drive Core** Alluvium Depth (ft bgs): **0 to 400** Start Date: **7/16/2003** End Date: **7/25/2003** Page 1 of 2

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				Moisture Content			Particle Size Distribution (%)					Grading			Estimated Plasticity			USCS Group Symbol	Gravel/Sand Grain Shape			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)	Munsell Color Symbol	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
7/17/2003	BW	2/17/2004	JSW	1	F	24P-79.42-80.00-F	79.42	80.00								☐	☐	☐						☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐			
7/17/2003	BW	2/17/2004	JSW	1	L	24P-80.00-80.18-C	80.00	80.18						5YR4/2		☐	☒	☐	25	65	10	0	10	☒	☐	☐	☒	☐	☐	SW	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	100		
7/17/2003	BW	2/17/2004	JSW	1	RD	24P-80.00-81.69-C	80.00	81.69	1.7	1.7	4.0	29.85	40.95	11.10		☐	☐	☐						☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	100		
7/17/2003	BW	2/17/2004	JSW	1	L	24P-80.18-80.43-C	80.18	80.43						5YR 4/2		☐	☒	☐	35	60	5	0	5	☒	☐	☐	☒	☐	☐	SW	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	100		
7/17/2003	BW	2/17/2004	JSW	1	L	24P-80.43-80.93-C	80.43	80.93						5YR 4/2		☐	☒	☐	35	60	5	0	5	☒	☐	☐	☒	☐	☐	SW	☐	☒	☐	☐	☒	☐	☐	☐	☐	100			
7/17/2003	BW	2/17/2004	JSW	1	L	24P-80.93-81.43-C	80.93	81.43						5YR 4/2		☐	☒	☐	26	69	5	0	5	☒	☐	☐	☒	☐	☐	SW	☐	☒	☐	☐	☒	☐	☐	☐	☐	100			
7/17/2003	BW	2/17/2004	JSW	1	L	24P-81.43-81.69-C	81.43	81.69						5YR 4/2		☐	☒	☐	26	69	5	0	5	☒	☐	☐	☒	☐	☐	SW	☐	☒	☐	☐	☒	☐	☐	☐	☐	100			
7/22/2003	BW	2/17/2004	JSW	2	F	24P-119.07-120.13-F	119.07	120.13								☐	☐	☐						☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	100		
7/22/2003	BW	2/17/2004	JSW	2	L	24P-120.13-120.58-C	120.13	120.58						5YR 4/3		☐	☒	☐	20	70	5	5	10	☒	☐	☐	☐	☒	☐	SW-SM	☐	☐	☒	☐	☒	☐	☐	☐	☐	100			
7/22/2003	BW	2/17/2004	JSW	2	RD	24P-120.13-121.34-C	120.13	121.34	1.3	1.2	4.0	29.90	40.75	10.85		☐	☐	☐						☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	100				
7/22/2003	BW	2/17/2004	JSW	2	L	24P-120.58-121.08-C	120.58	121.08						5YR 4/3		☐	☒	☐	25	65	5	5	10	☒	☐	☐	☐	☒	☐	SW-SM	☐	☐	☒	☐	☒	☐	☐	☐	100				
7/22/2003	BW	2/17/2004	JSW	2	L	24P-121.08-121.34-C	121.08	121.34						5YR 4/3		☐	☒	☐	50	40	5	5	10	☒	☐	☐	☐	☒	☐	SW-SM	☐	☐	☒	☐	☒	☐	☐	☐	100				
7/22/2003	BW	2/17/2004	JSW	3	F	24P-159.44-160.00-F	159.44	160.00								☐	☐	☐						☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	☐	100			
7/22/2003	BW	2/17/2004	JSW	3	L	24P-160.00-160.12-C	160.00	160.12						5YR 5/6		☐	☒	☐	75	15	8	2	10	☒	☐	☐	☐	☒	☐	SW-SM	☐	☐	☒	☐	☒	☐	☐	☐	100				
7/22/2003	BW	2/17/2004	JSW	3	RD	24P-160.00-162.13-C	160.00	162.13	2.1	2.1	4.0	29.90	41.15	11.25		☐	☐	☐						☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	100				
7/22/2003	BW	2/17/2004	JSW	3	L	24P-160.12-160.62-C	160.12	160.62						5YR 5/6		☐	☒	☐	50	40	8	2	10	☒	☐	☐	☐	☒	☐	SW-SM	☐	☐	☒	☐	☒	☐	☐	☐	100				
7/22/2003	BW	2/17/2004	JSW	3	L	24P-160.62-160.87-C	160.62	160.87						10YR 5/4		☐	☒	☐	45	45	8	2	10	☒	☐	☐	☐	☒	☐	SW-SM	☐	☐	☒	☐	☒	☐	☐	☐	100				
7/22/2003	BW	2/17/2004	JSW	3	L	24P-160.87-161.37-C	160.87	161.37						10YR 5/4		☐	☒	☐	25	65	8	2	10	☒	☐	☐	☐	☒	☐	SW-SM	☐	☐	☒	☐	☒	☐	☐	☐	100				
7/22/2003	BW	2/17/2004	JSW	3	L	24P-161.37-161.87-C	161.37	161.87						10YR 5/4		☐	☒	☐	15	75	8	2	10	☒	☐	☐	☐	☒	☐	SW-SM	☐	☒	☐	☐	☒	☐	☐	☐	100				
7/22/2003	BW	2/17/2004	JSW	3	L	24P-161.87-162.13-C	161.87	162.13						10YR 5/4		☐	☒	☐	15	75	8	2	10	☒	☐	☐	☐	☒	☐	SW-SM	☐	☒	☐	☐	☒	☐	☐	☐	100				
7/23/2003	BW	2/17/2004	JSW	4	F	24P-198.60-200.87-F	198.60	200.87								☐	☐	☐						☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐			
7/23/2003	BW	2/17/2004	JSW	4	L	24P-200.31-200.61-C	200.31	200.61						10YR 5/4		☐	☒	☐	53	42	3	2	5	☒	☐	☐	☐	☒	☐	GW	☐	☐	☒	☐	☒	☐	☐	☐	100				
7/23/2003	BW	2/17/2004	JSW	4	RD	24P-200.31-200.87-C	200.31	200.87	0.9	0.6	4.0	29.90	41.15	11.25		☐	☐	☐						☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	100				
7/23/2003	BW	2/17/2004	JSW	4	L	24P-200.61-200.87-C	200.61	200.87						10YR 5/4		☐	☒	☐	53	42	3	2	5	☒	☐	☐	☐	☒	☐	GW	☐	☐	☒	☐	☒	☐	☐	☐	100				
7/23/2003	BW	2/17/2004	JSW	5	F	24P-239.48-240.00-F	239.48	240.00								☐	☐	☐						☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐			
7/23/2003	BW	2/17/2004	JSW	5	L	24P-240.00-240.23-C																																					

Figure 2.3-3
Example of Alluvium Core Geologic Logging Form

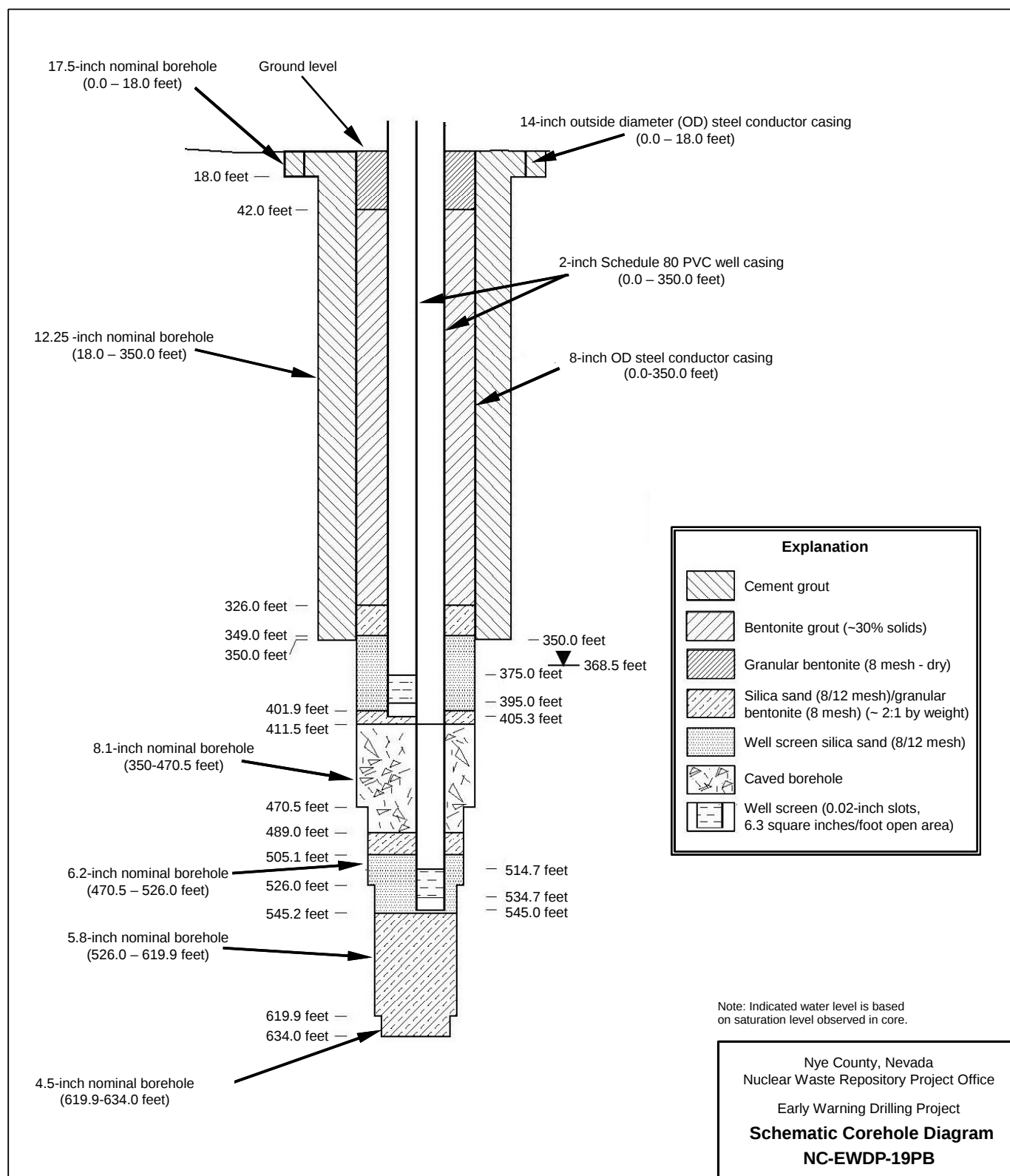


Figure 3.1-1
Schematic Dual-String Piezometer Completion Diagram for 19PB

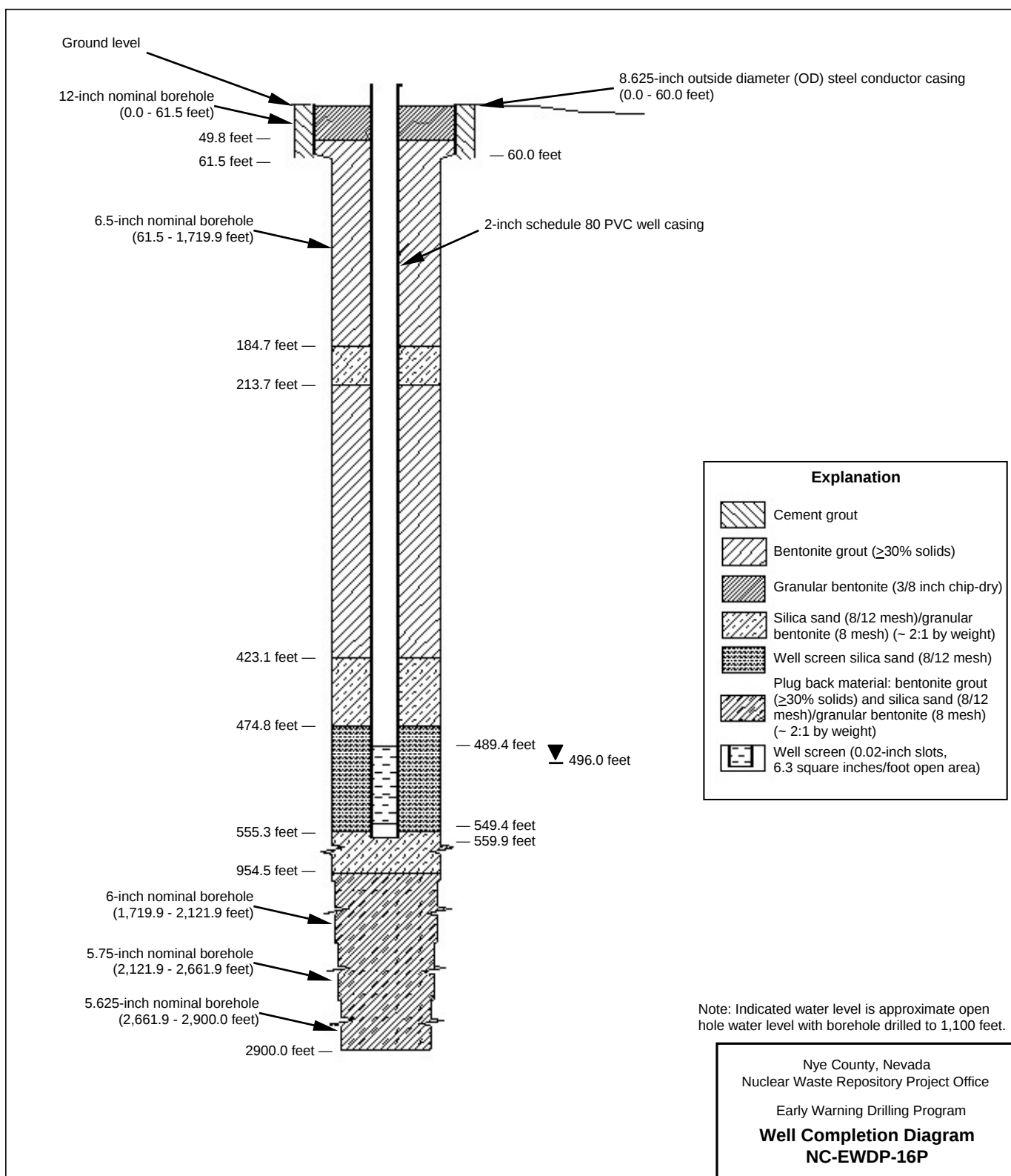


Figure 3.1-2
Schematic Single-String Piezometer Completion Diagram for 16P

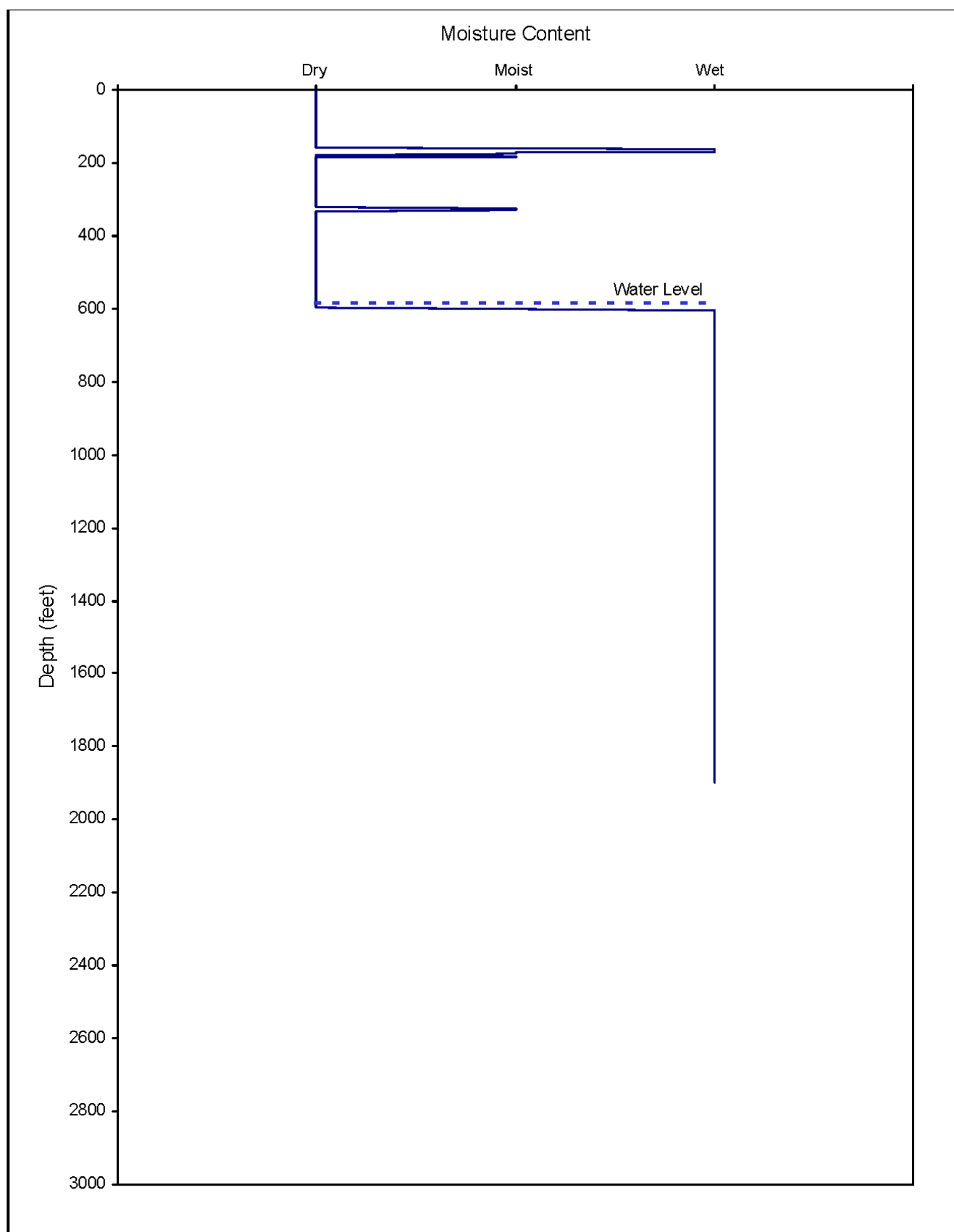


Figure 4.1-1
Moisture Content vs. Depth for 27P Drill Cuttings Samples

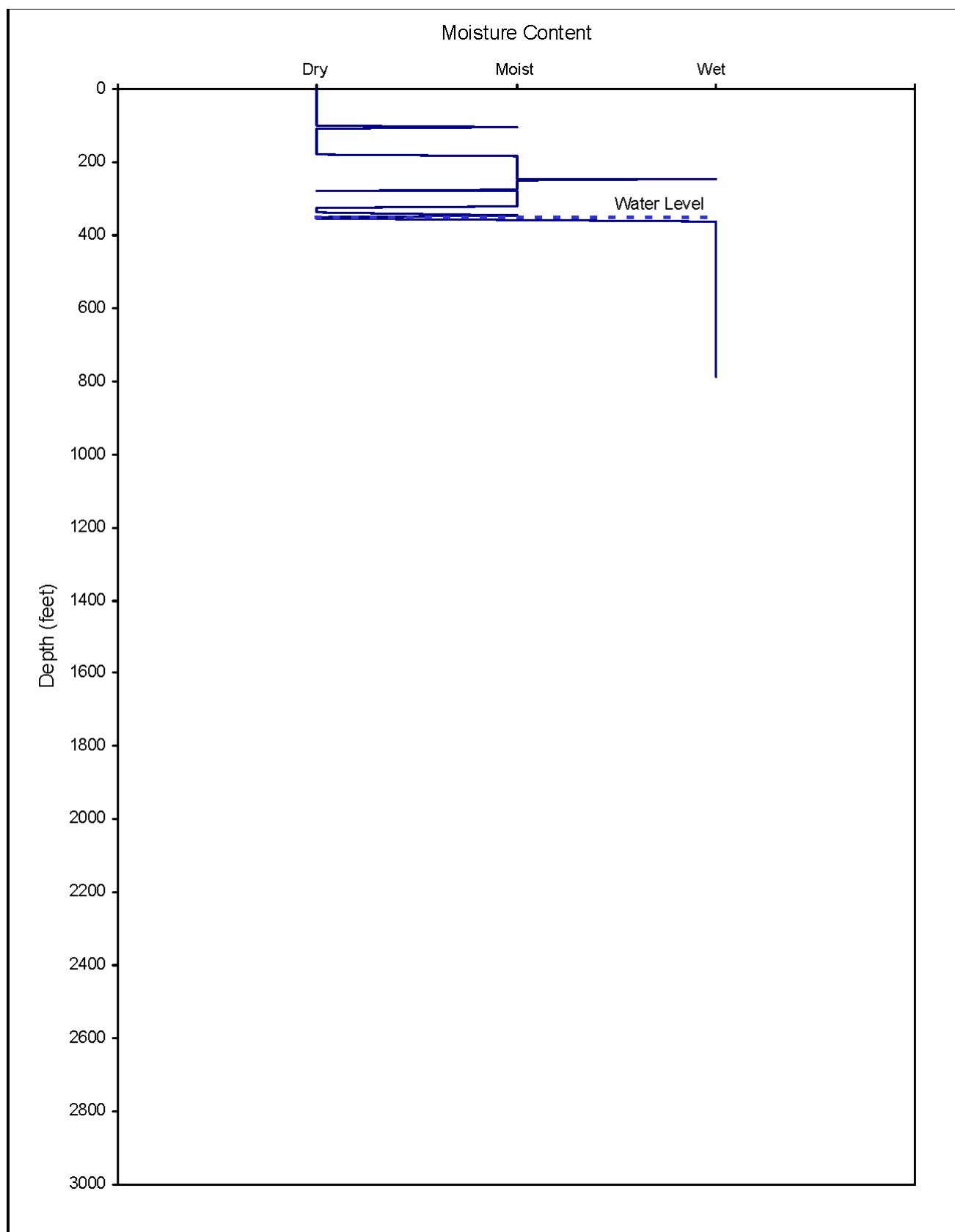


Figure 4.1-2
Moisture Content vs. Depth for 29P Drill Cuttings Samples

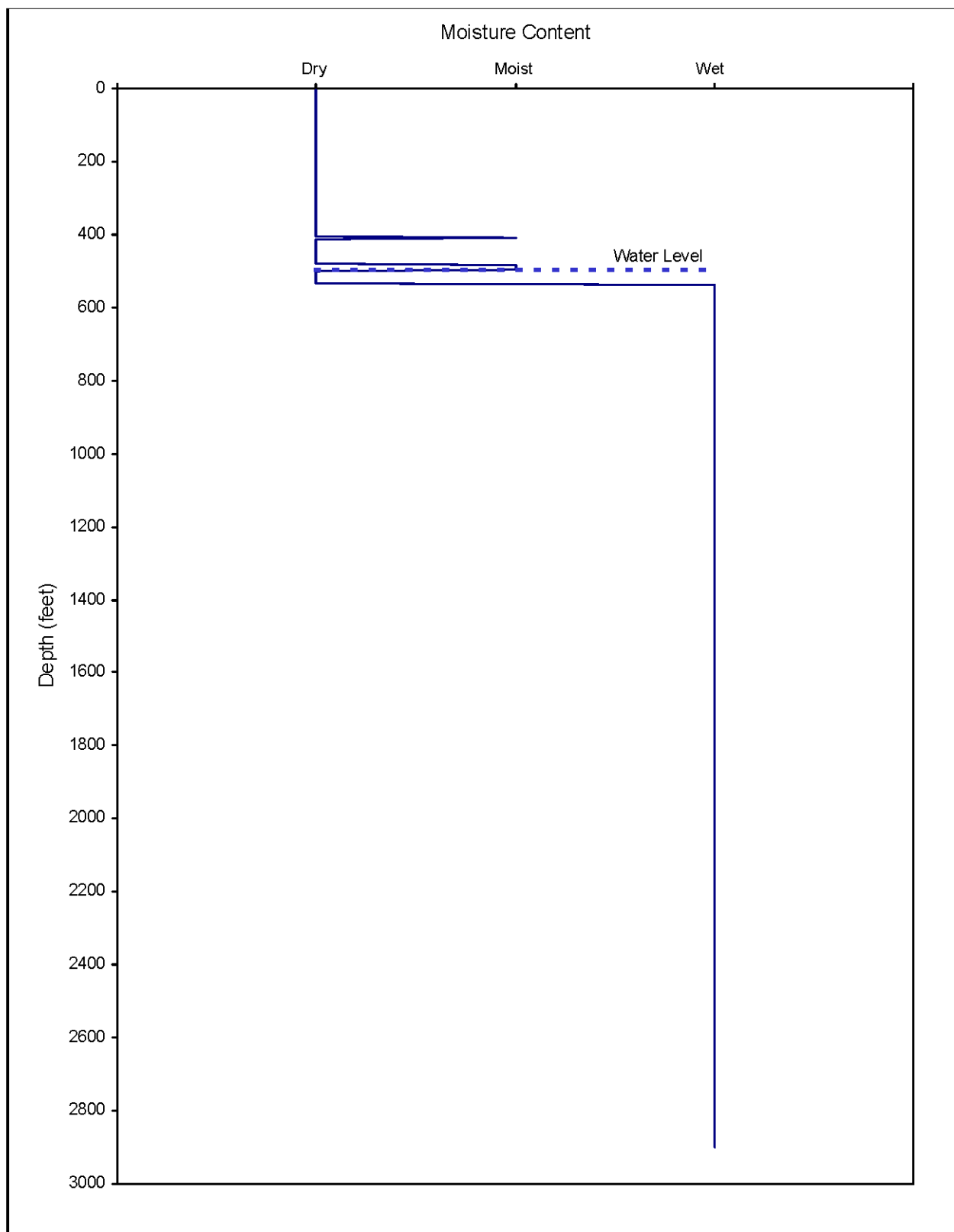


Figure 4.1-3
Moisture Content vs. Depth for 16P Drill Cuttings Samples

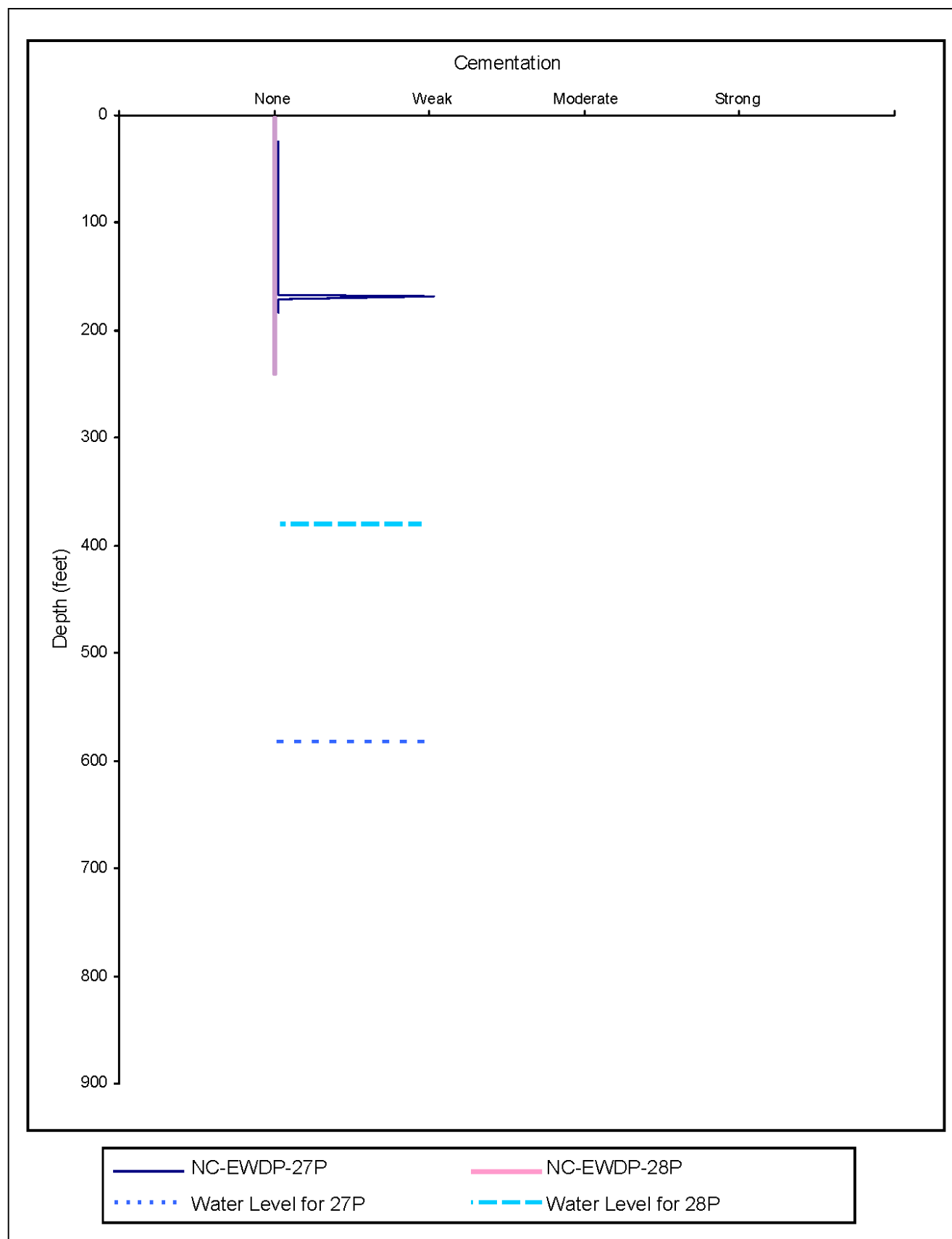


Figure 4.1-4
Cementation vs. Depth for 27P and 28P Alluvial Drill Cuttings Samples

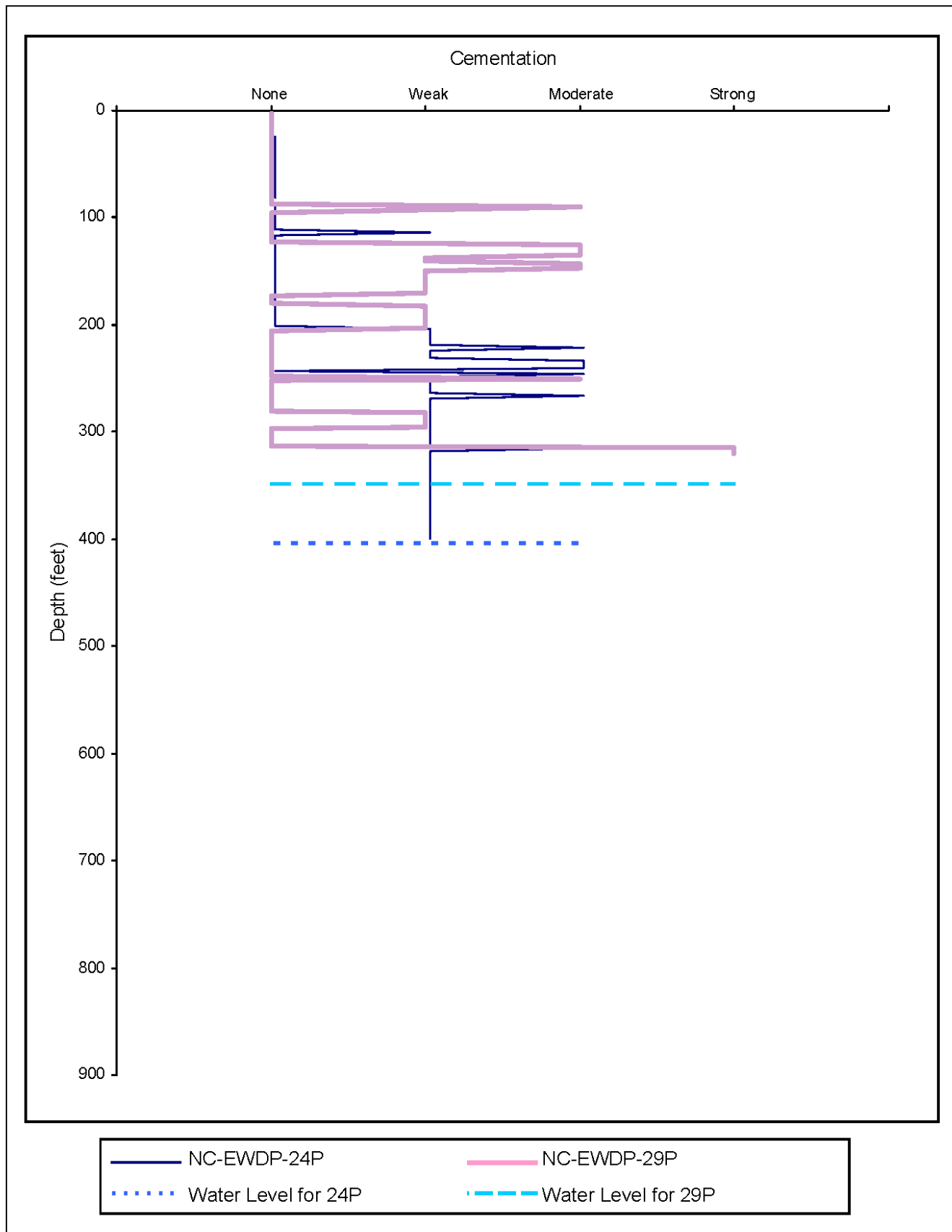


Figure 4.1-5
Cementation vs. Depth for 24P and 29P Alluvial Drill Cuttings Samples

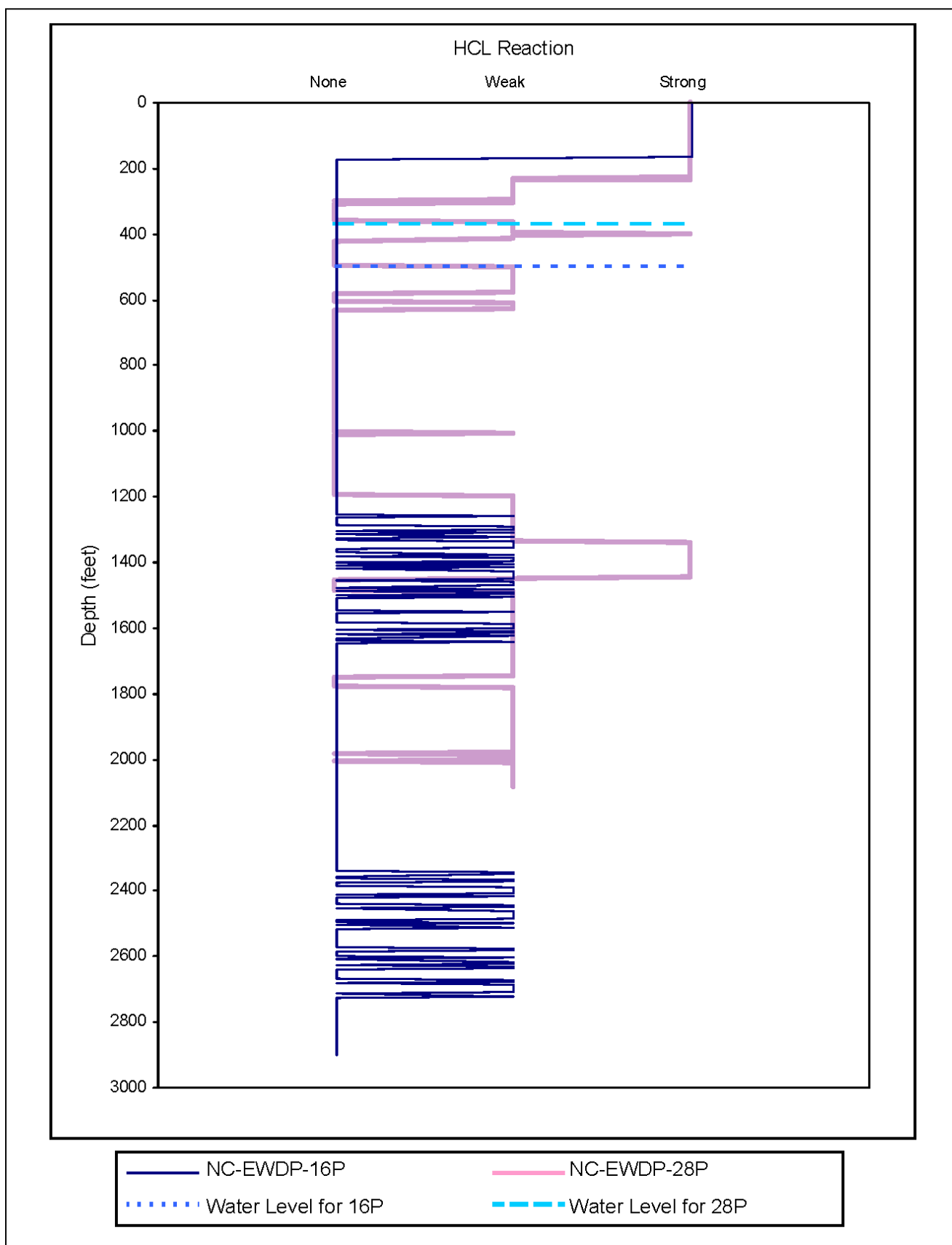


Figure 4.1-6
Hydrochloric Acid Reaction vs. Depth for 16P and 28P Drill Cuttings Samples

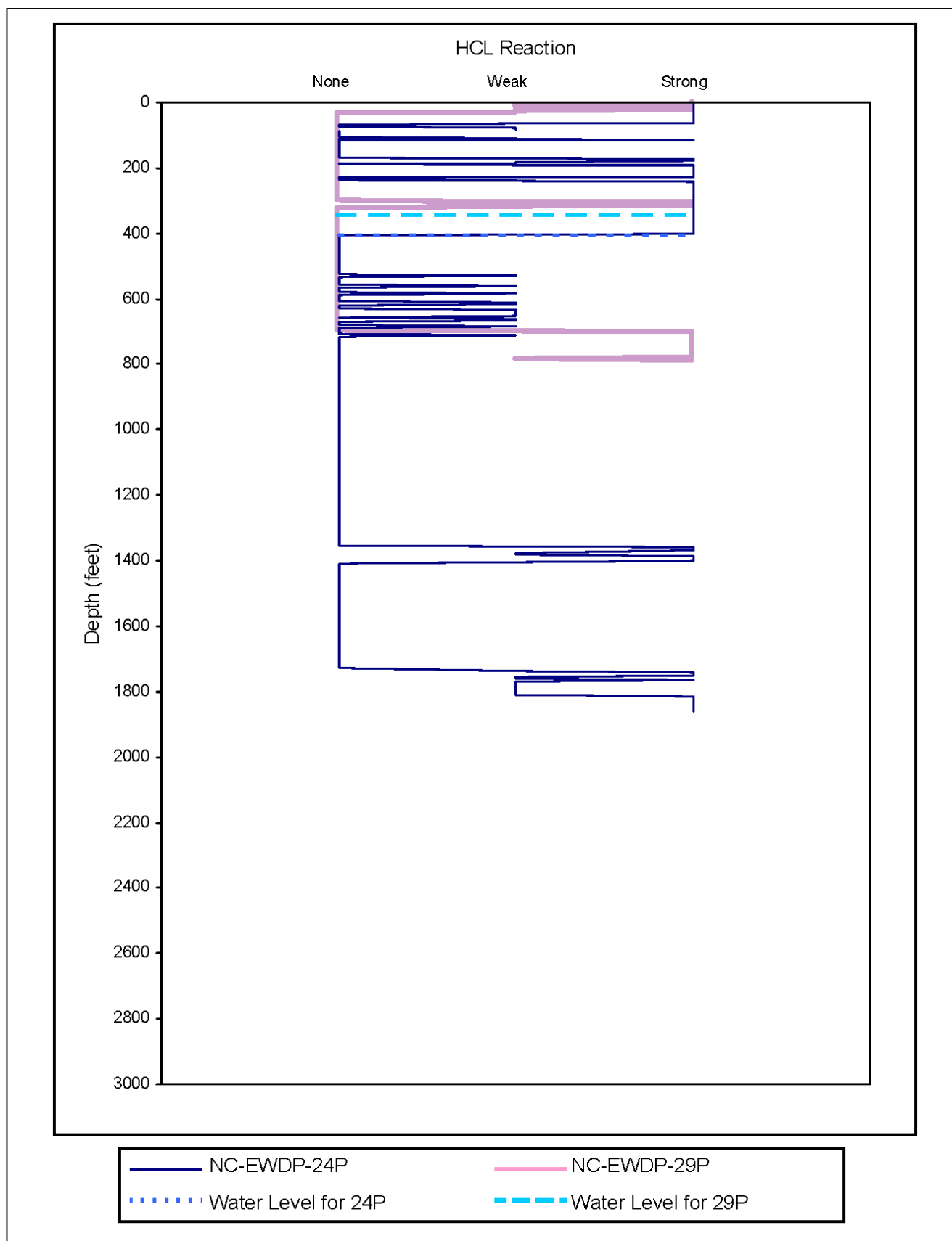


Figure 4.1-7
Hydrochloric Acid Reaction vs. Depth for 24P and 29P Drill Cuttings Samples

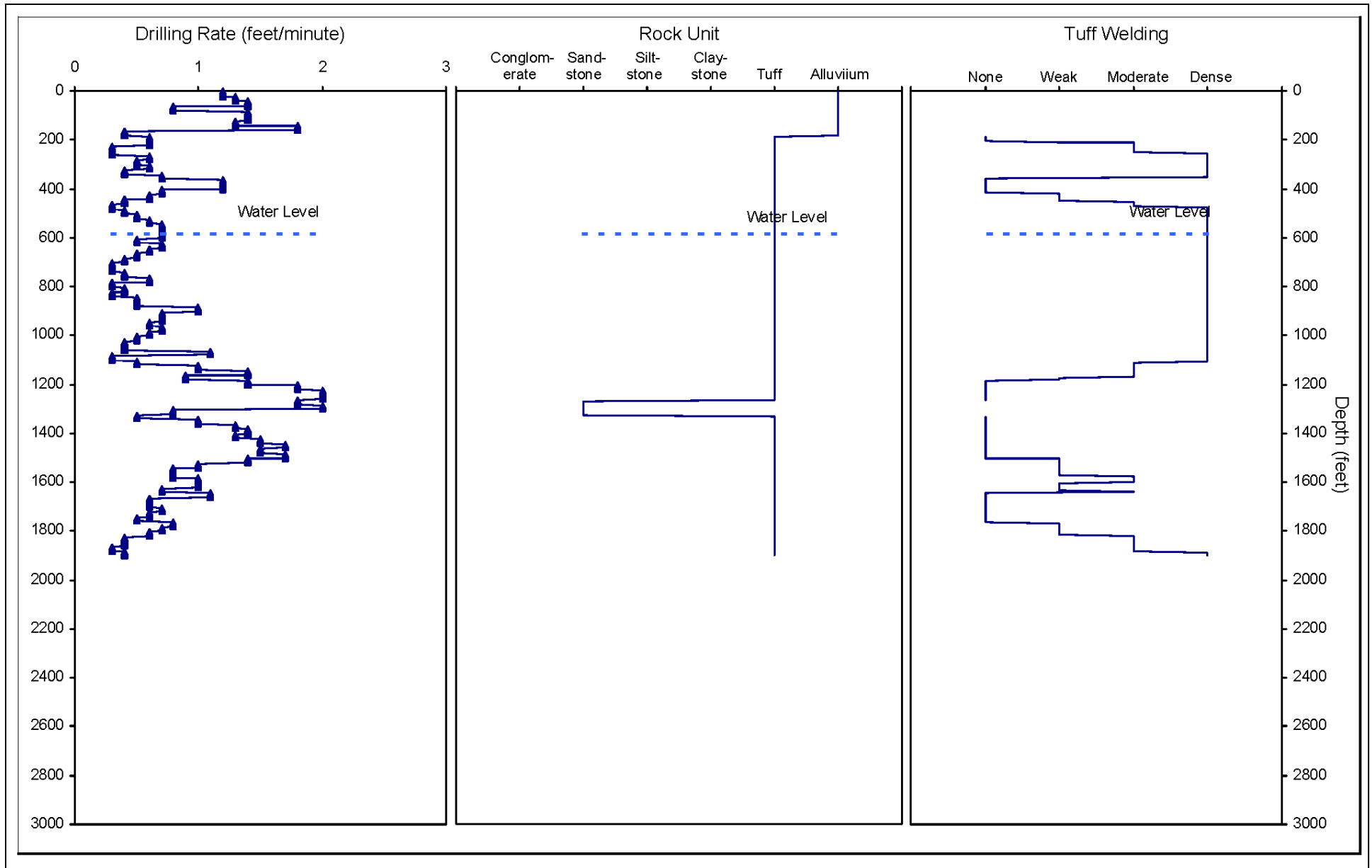


Figure 4.1-8
Drilling Rate, Rock Unit, and Tuff Welding vs. Depth for 27P

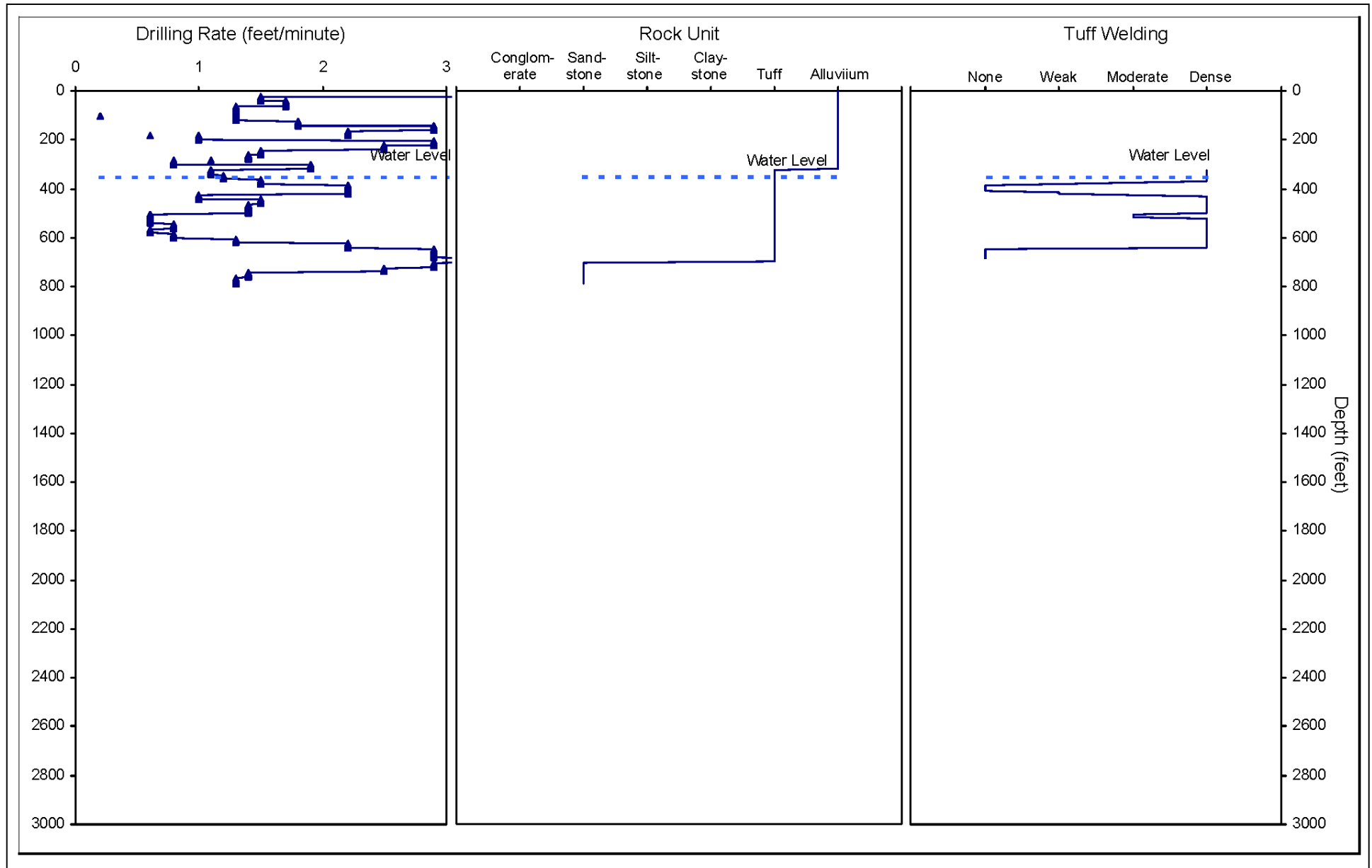


Figure 4.1-9
Drilling Rate, Rock Unit, and Tuff Welding vs. Depth for 29P

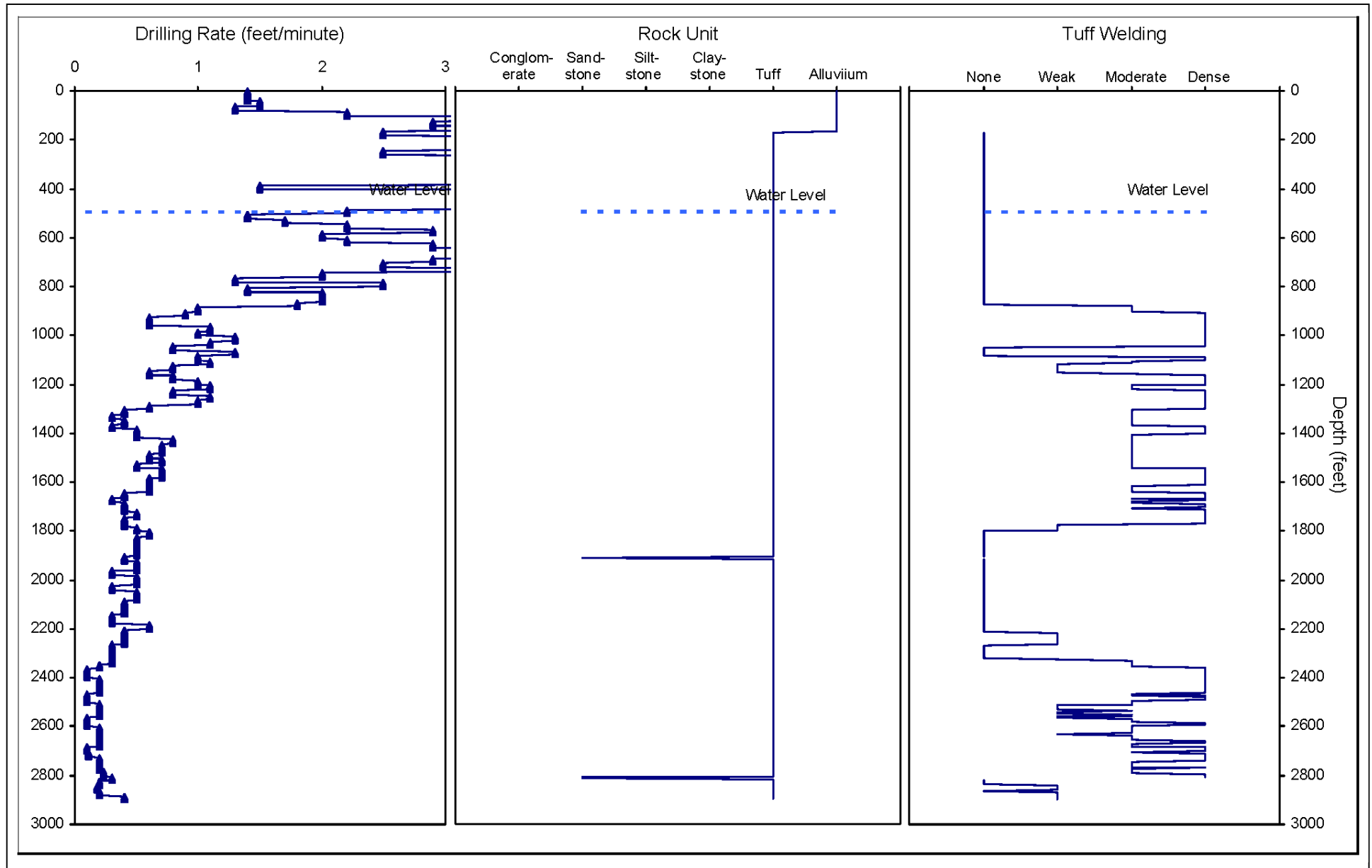


Figure 4.1-10
Drilling Rate, Rock Unit, and Tuff Welding vs. Depth for 16P

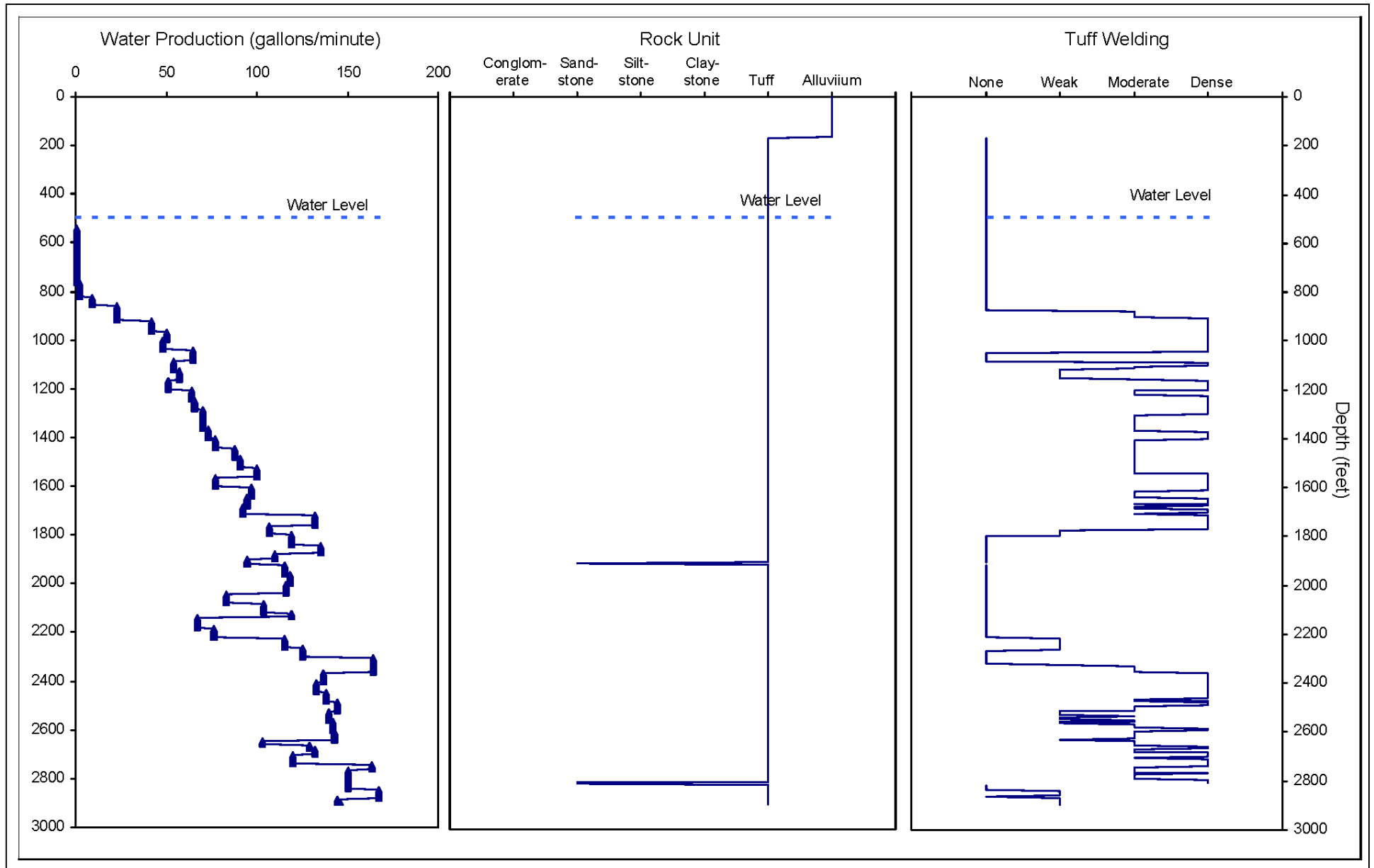


Figure 4.1-11
Water Production, Rock Unit, and Tuff Welding vs. Depth for 16P

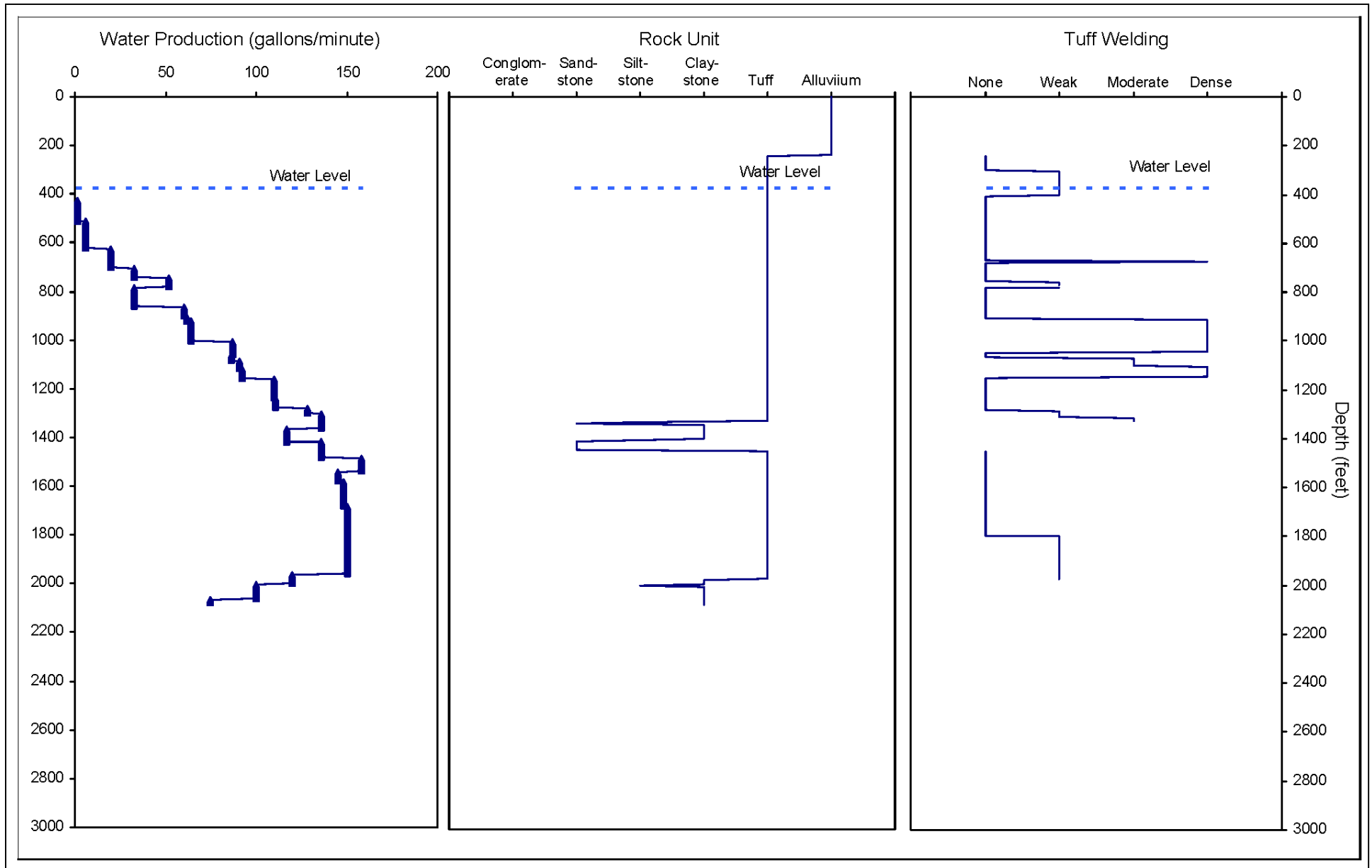


Figure 4.1-12
Water Production, Rock Unit, and Tuff Welding vs. Depth for 28P

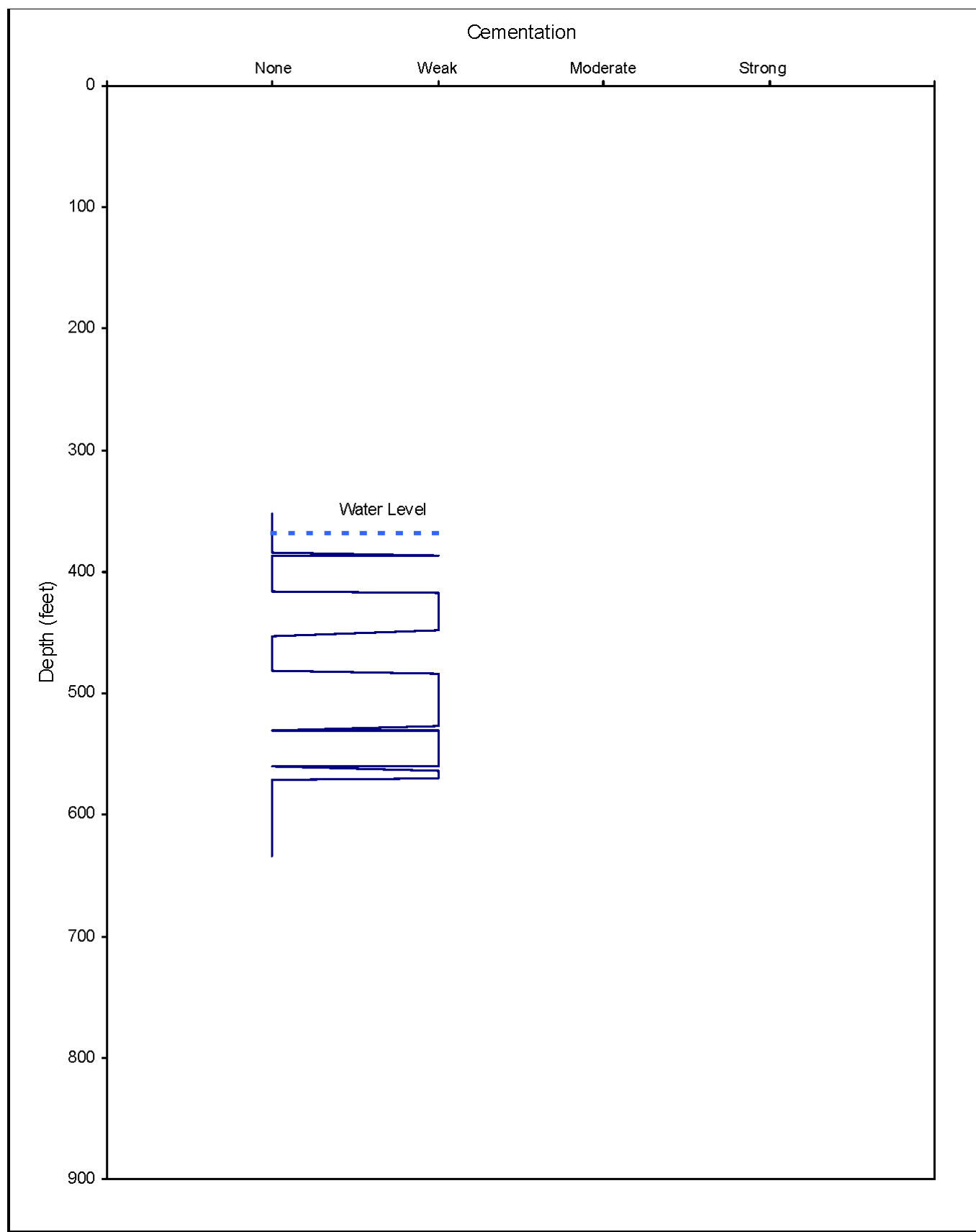


Figure 4.2-1
Cementation vs. Depth for 19PB Alluvial Sonic Grab Core Samples

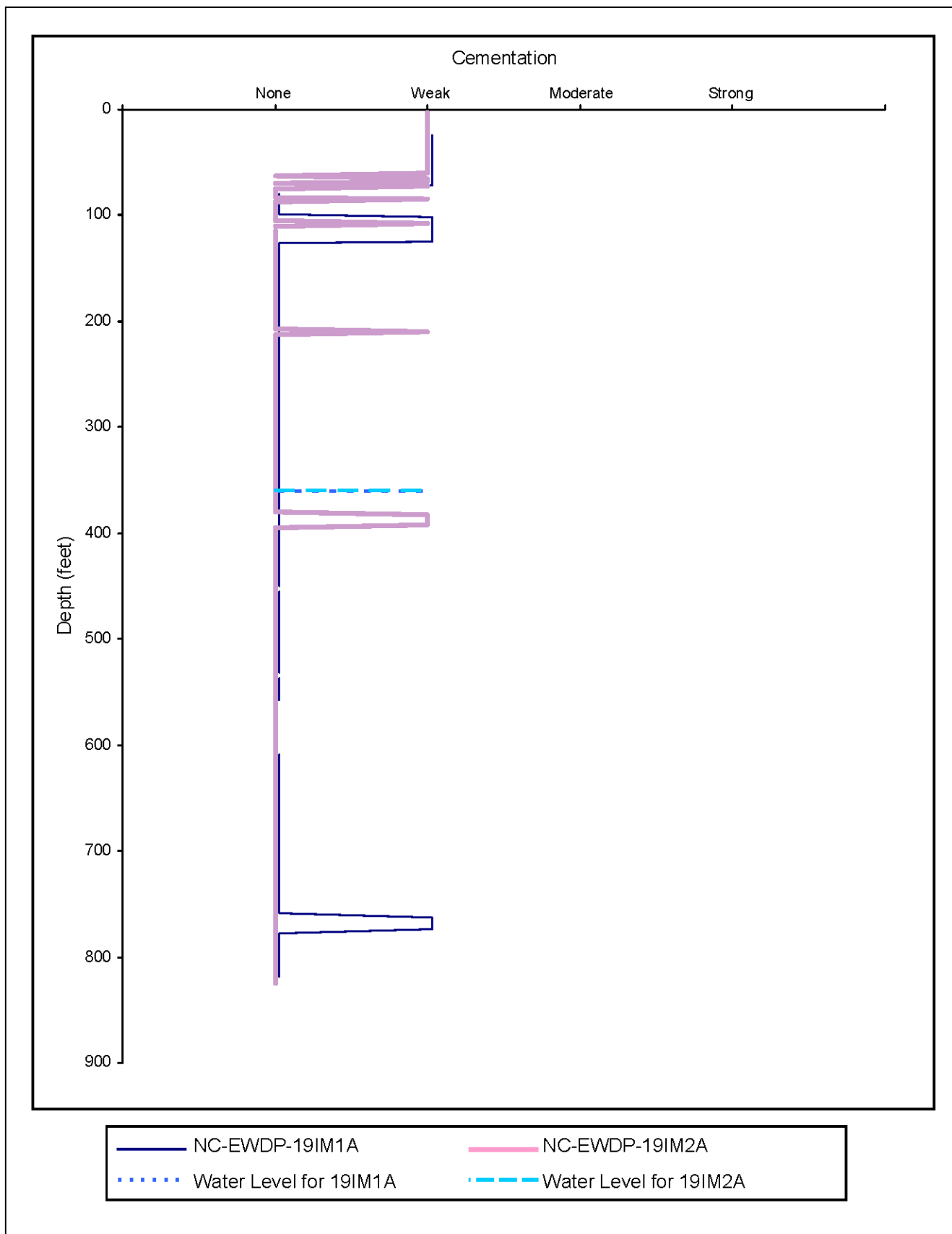


Figure 4.2-2
Cementation vs. Depth for 19IM1A and 19IM2A Alluvial Drill Cuttings Samples

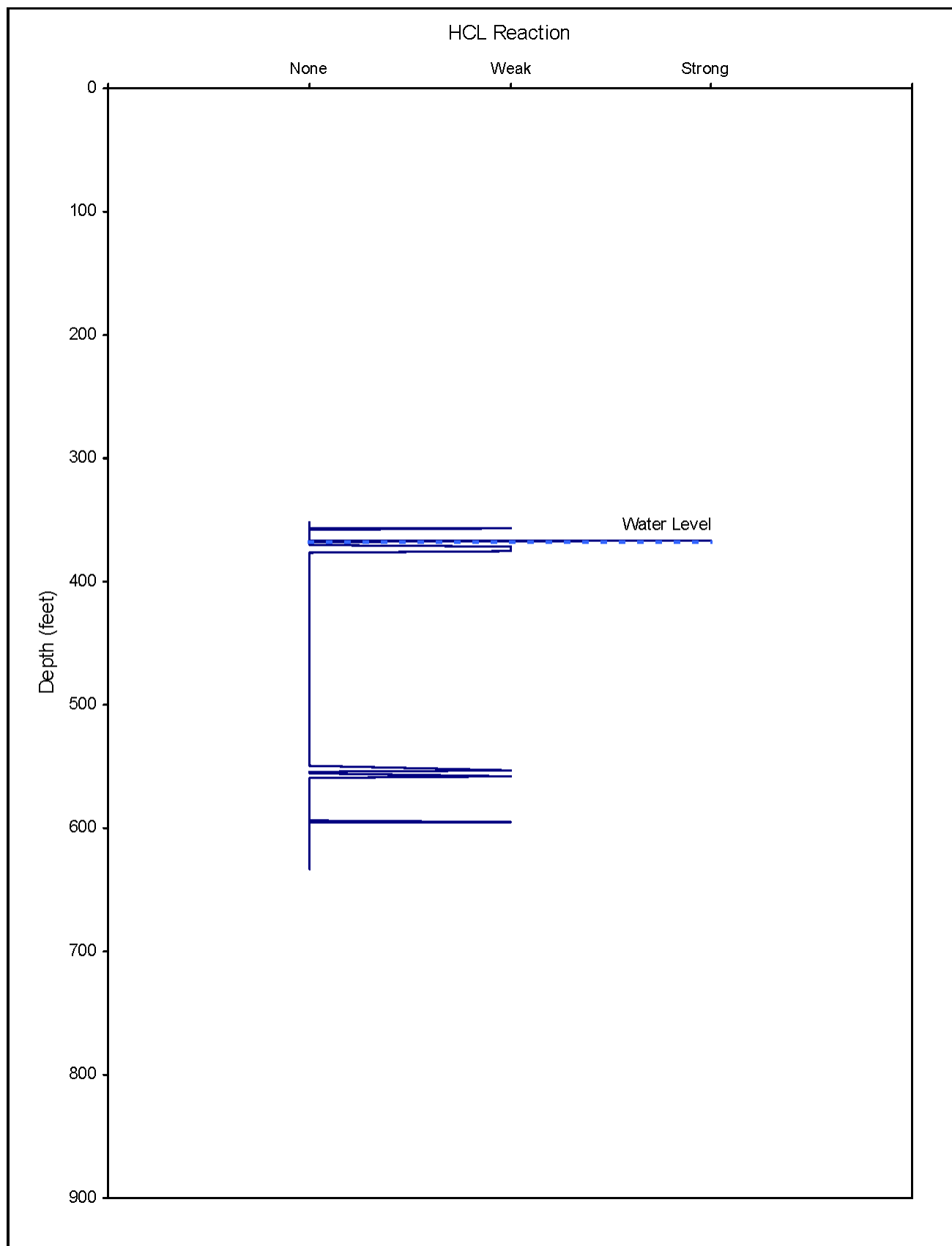


Figure 4.2-3
Hydrochloric Acid Reaction vs. Depth for 19PB Alluvial Sonic Grab Core Samples

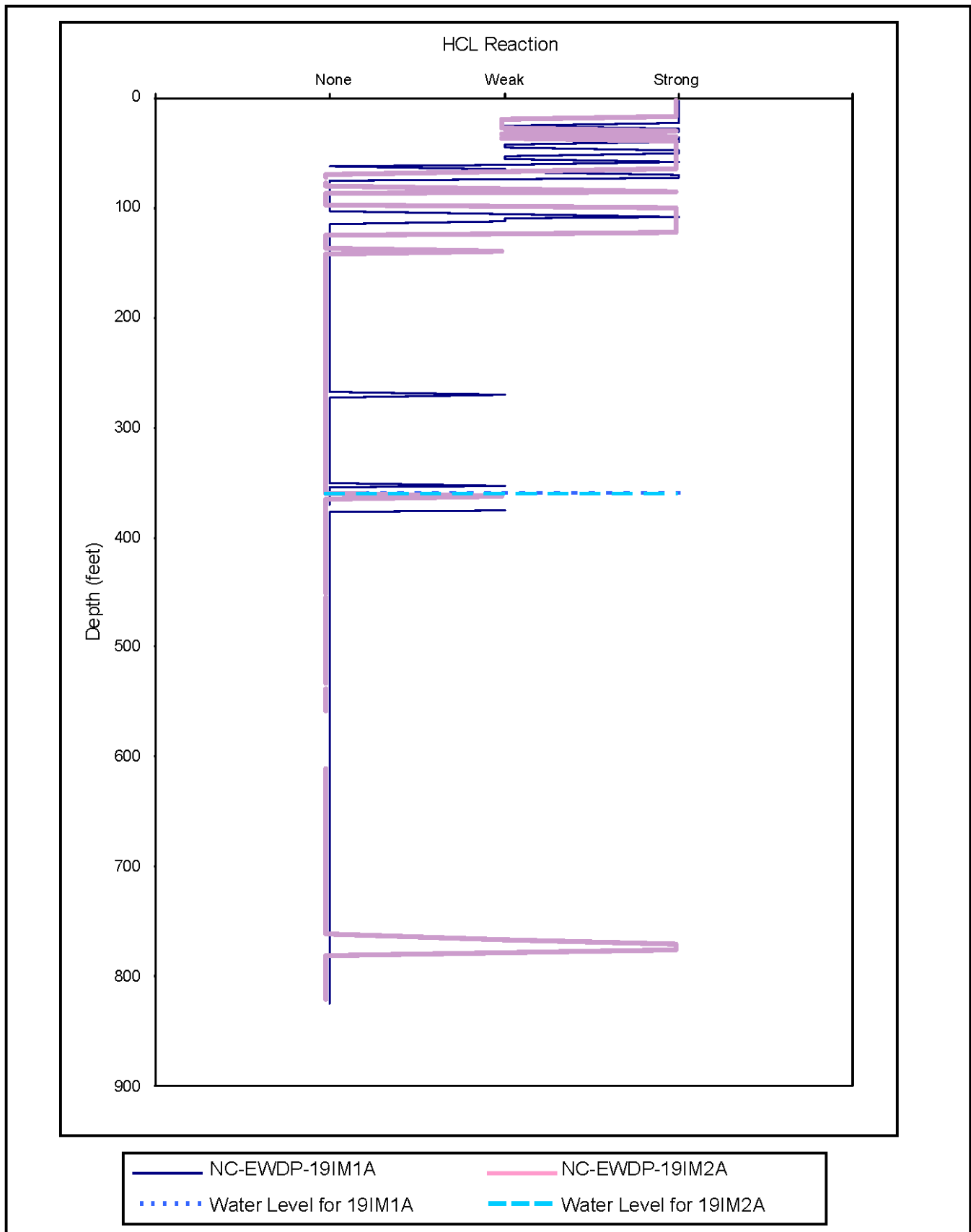


Figure 4.2-4
Hydrochloric Acid Reaction vs. Depth for 19IM1A and 19IM2A Alluvial Drill Cuttings Samples

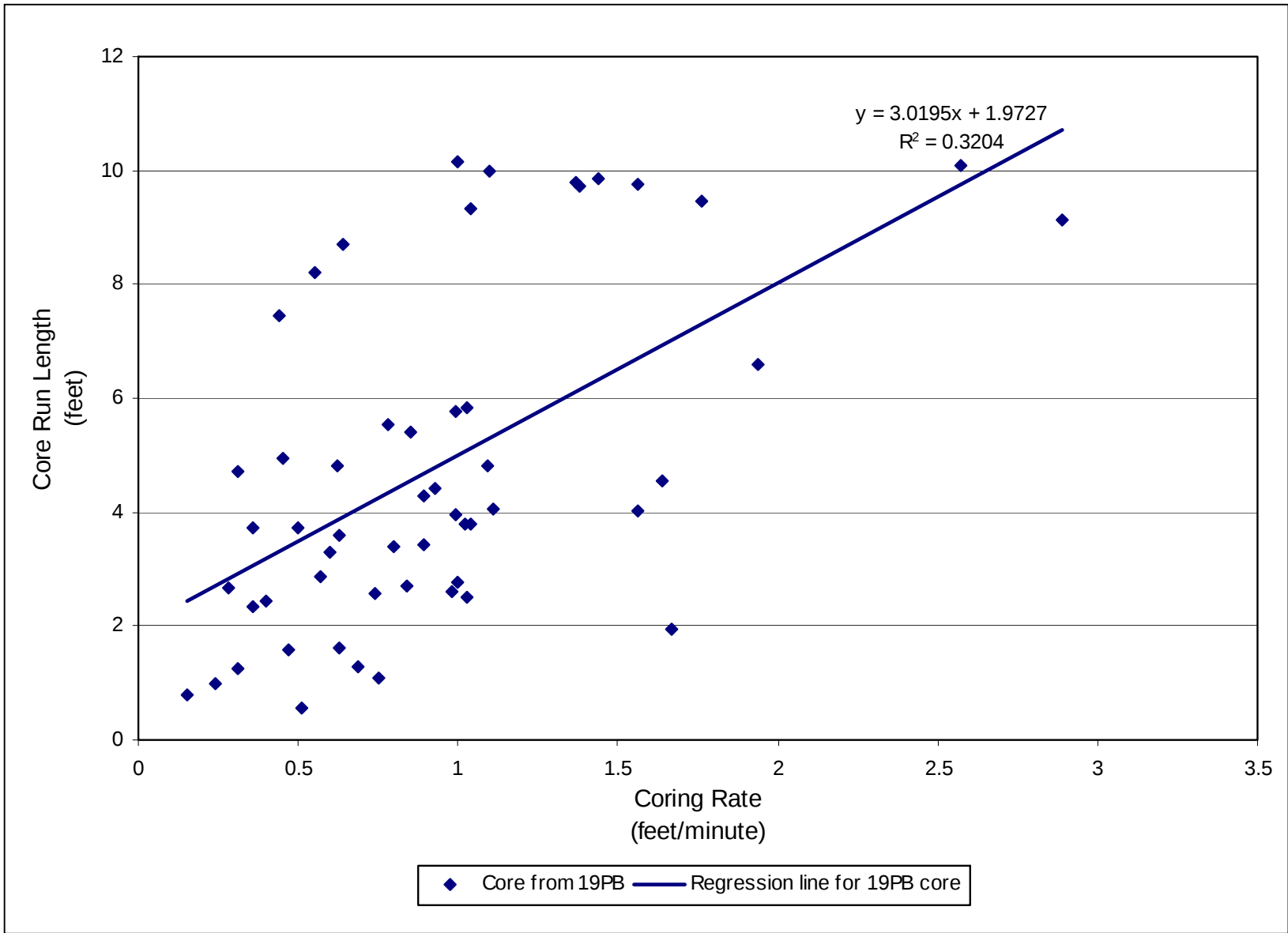


Figure 4.2-5
Coring Rate vs. Run Length for 19PB

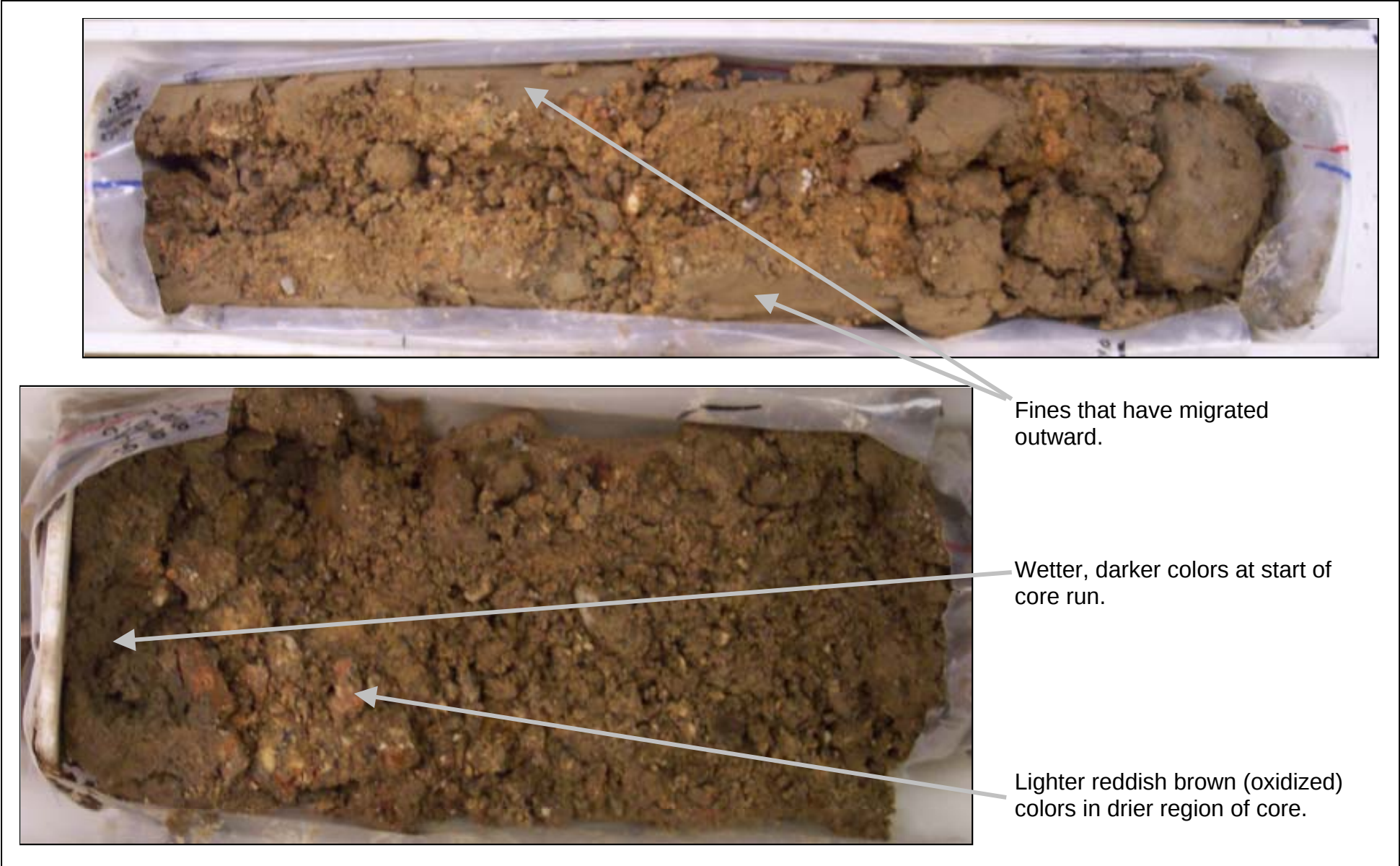


Figure 4.2-6
Example of Sample Disturbance in 19PB Sonic Core Segments

Cobbles and coarser gravel to
finer gravel at 456.6 feet.



Increase in fines at 581.1 feet.



Cobbles and gravel from 570.5
to 570.9 feet.



Figure 4.2-7
Examples of Textural Layers in 19PB Sonic Core Segments

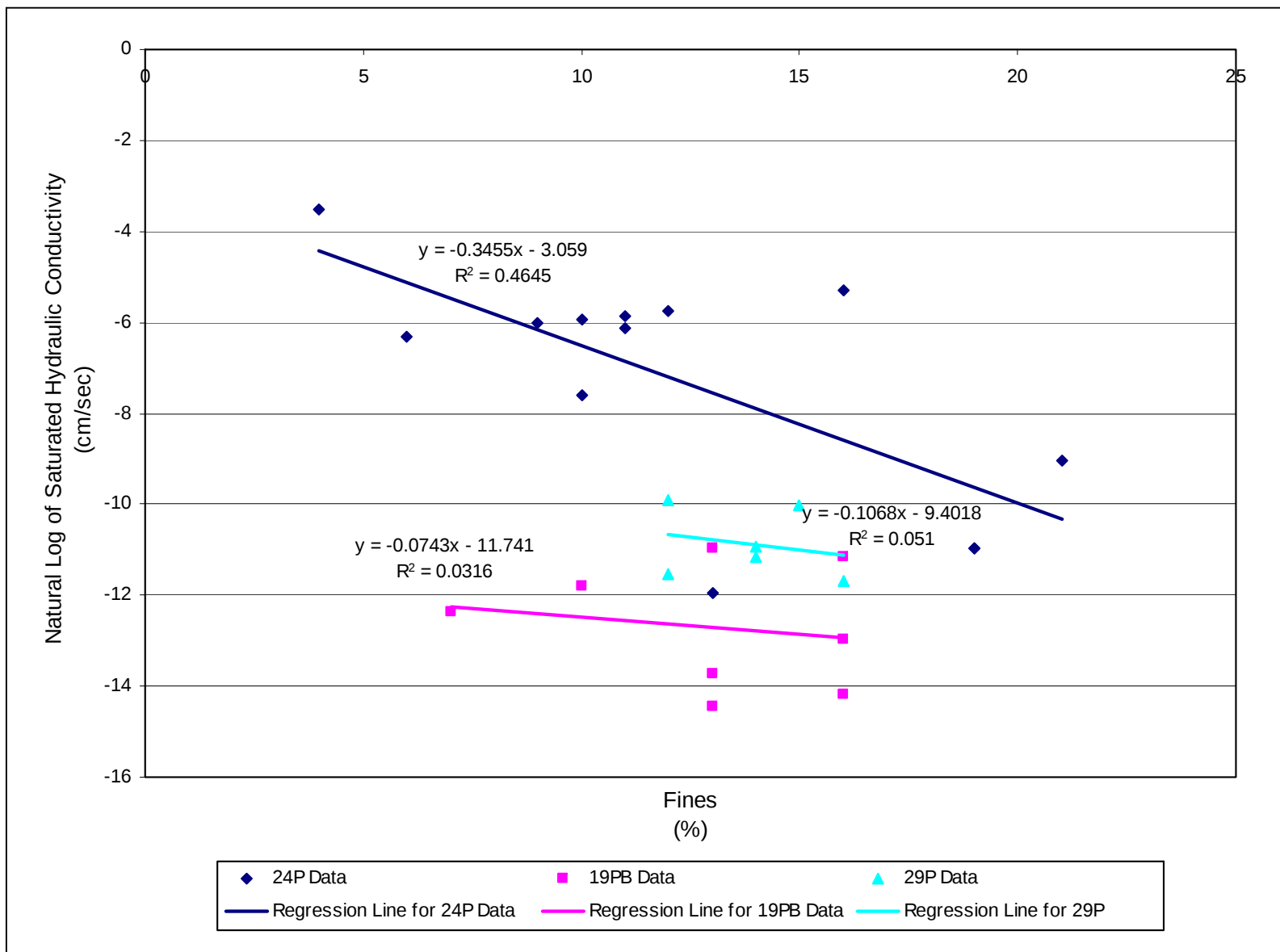


Figure 5.1-1
Saturated Hydraulic Conductivity vs. Percentage of Fines for 24P, 29P, and 19PB Drive Core Samples

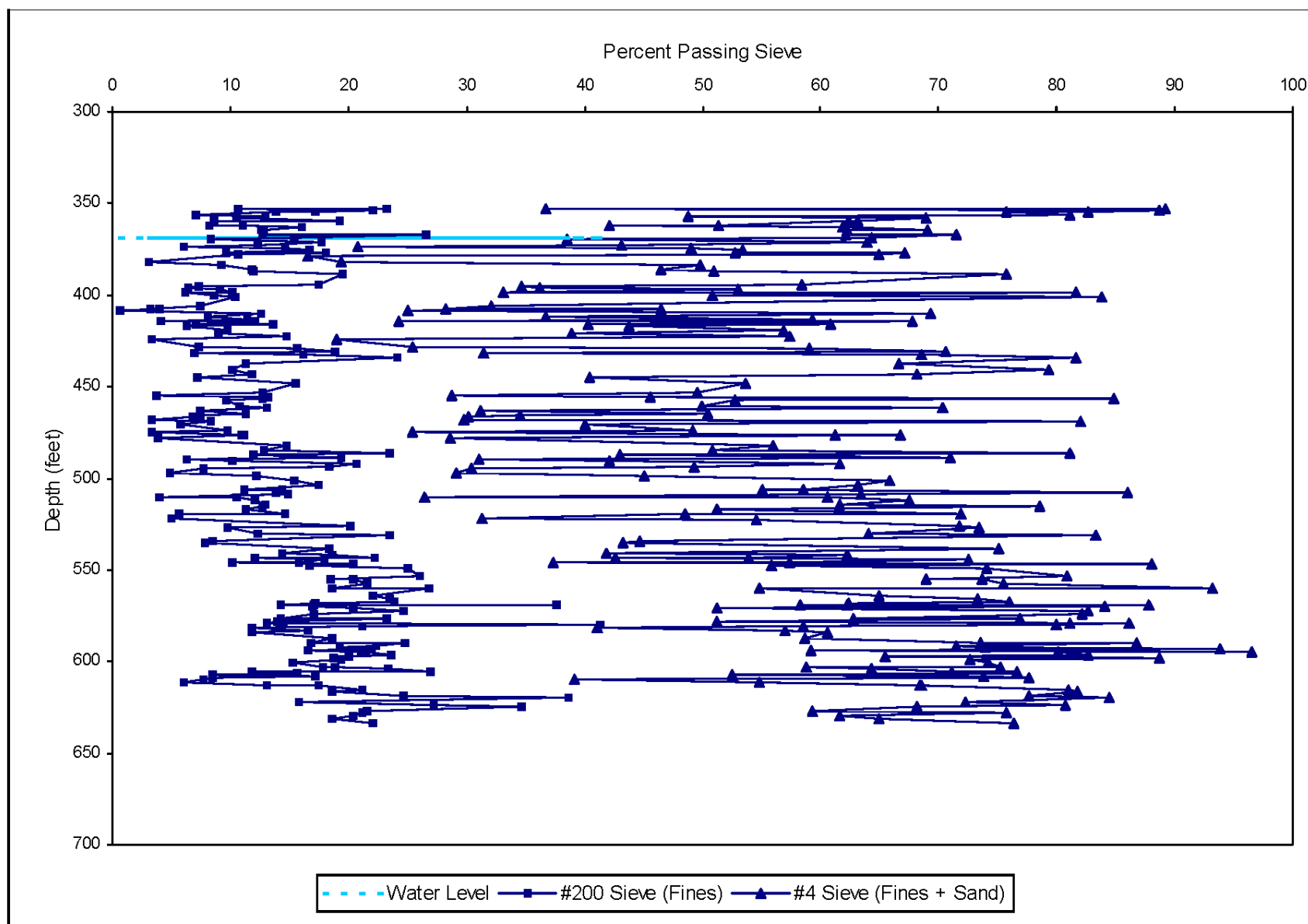


Figure 5.1-2
Laboratory Particle Size Distribution vs. Depth for 19PB Alluvial Sonic Grab Core Samples

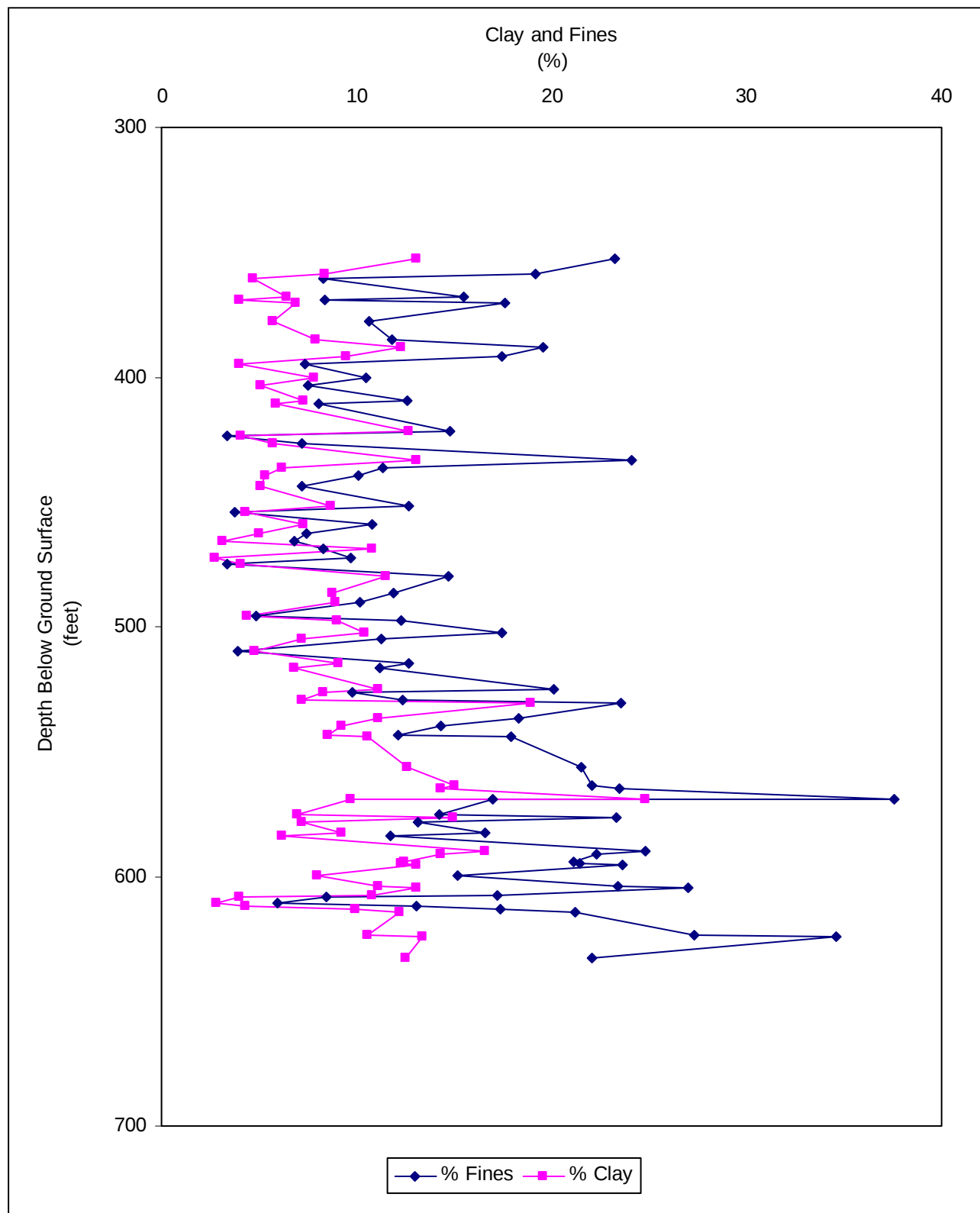


Figure 5.1-3
Clay and Fines Fractions for 19PB Sonic Grab Core Samples,
based on Hydrometer and Wet Sieve Particle Size Distribution Data, Respectively

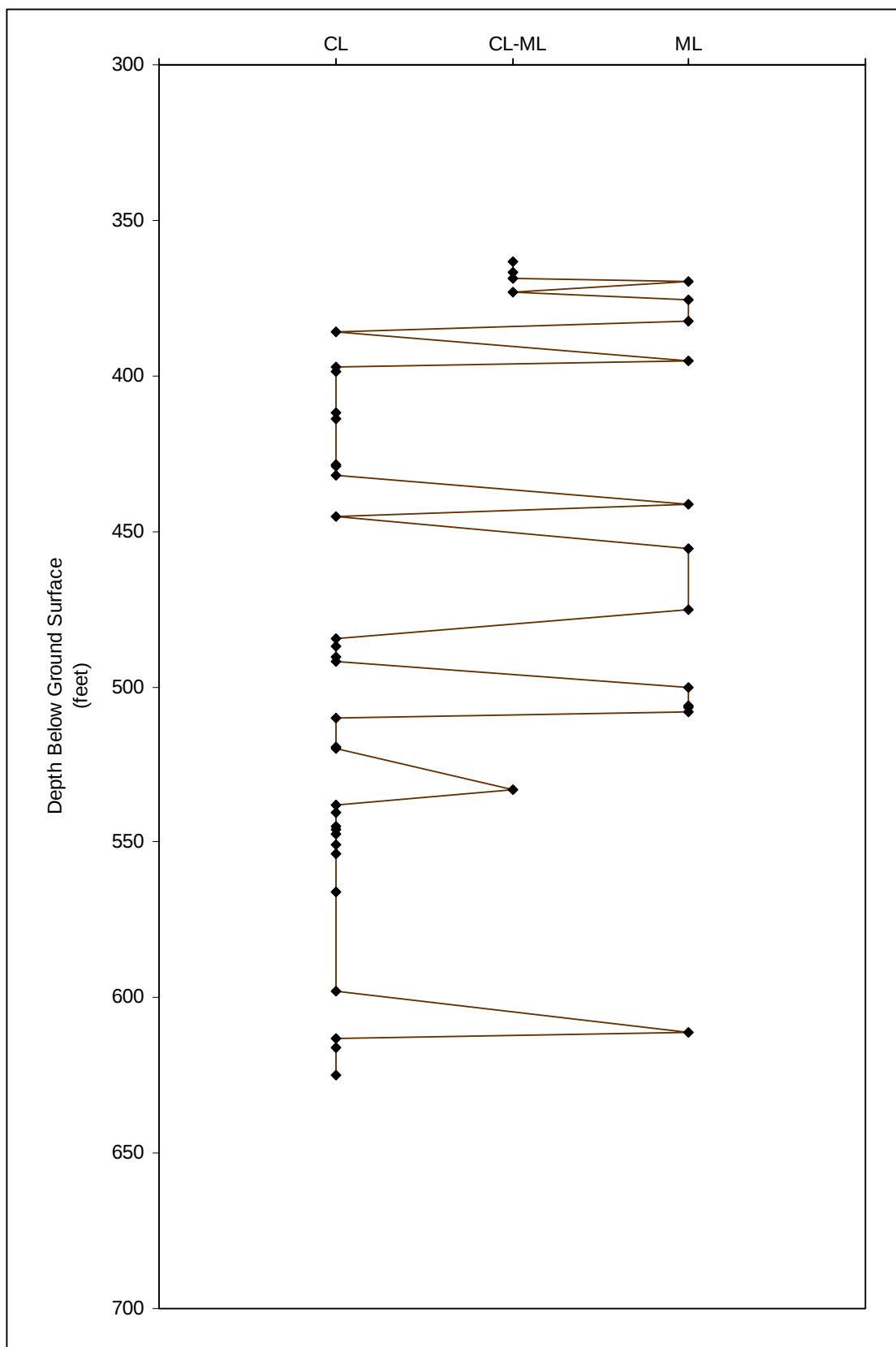


Figure 5.1-4
Atterberg Limits-based Classification of Fines Fraction for 19PB Sonic Grab Core Samples

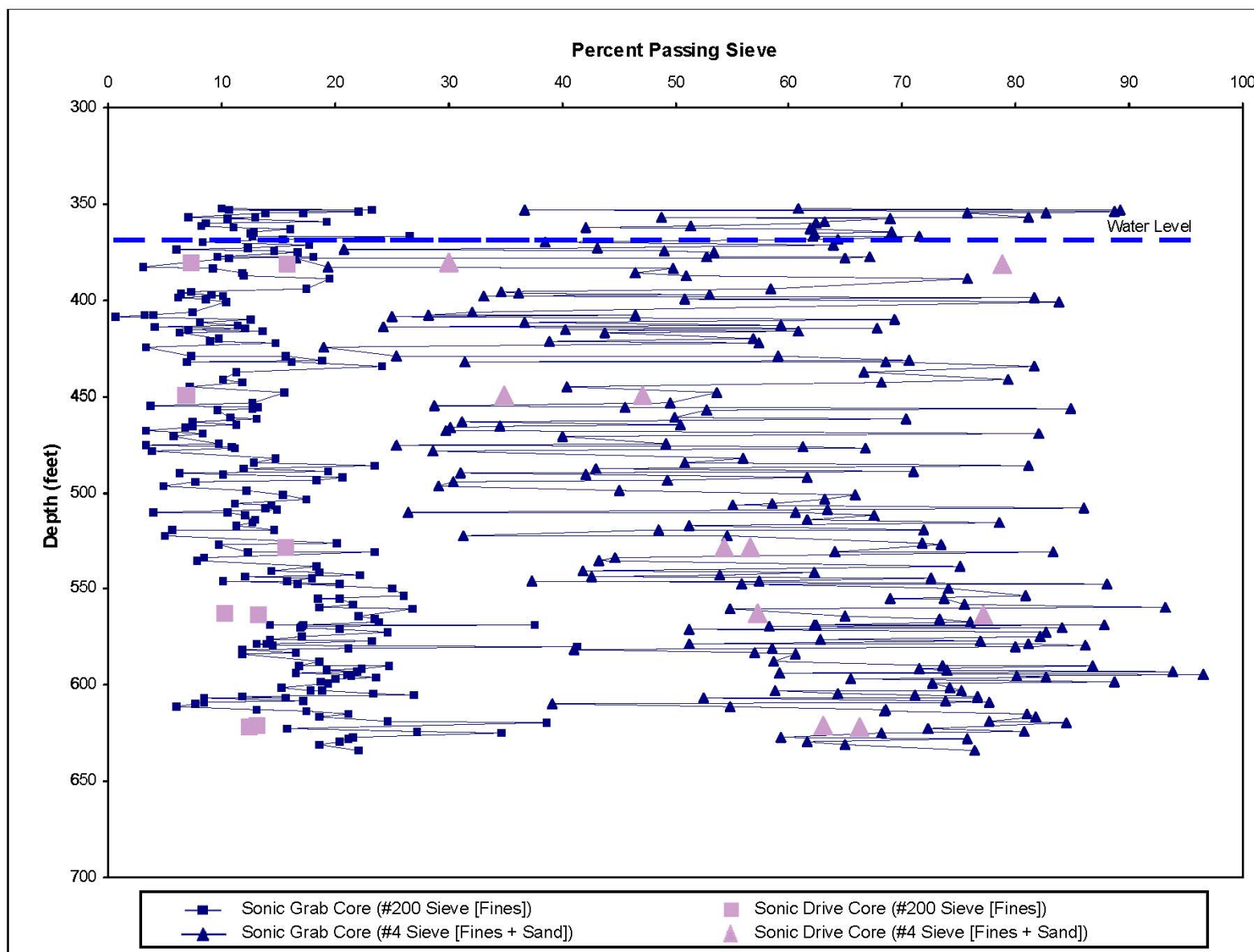


Figure 5.1-5
Laboratory Particle Size Distribution vs. Depth for 19PB Alluvial Sonic Grab and Drive Core Samples

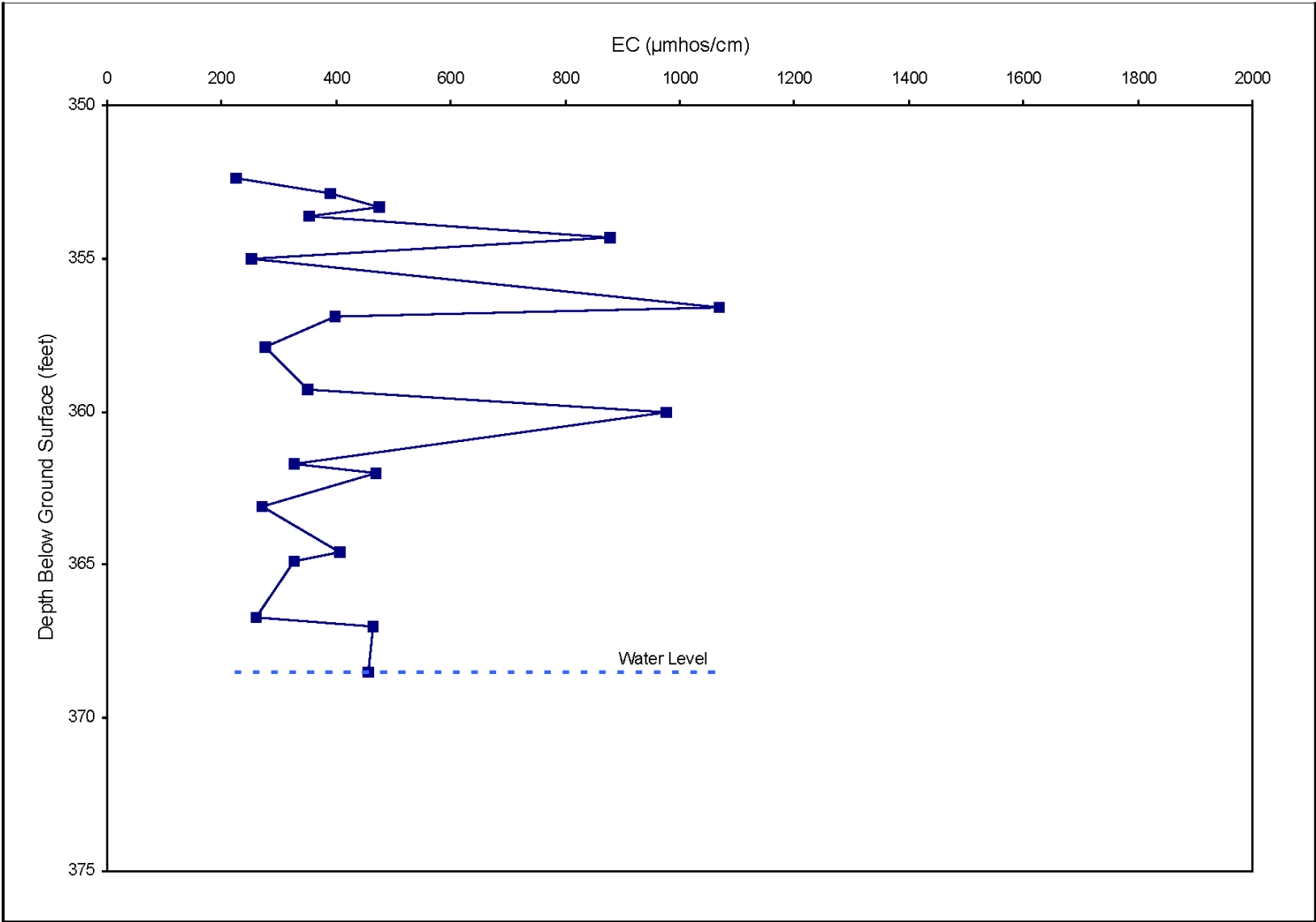


Figure 5.1-6
Electrical Conductivity vs. Depth for 19PB Alluvial Sonic Grab Core Samples

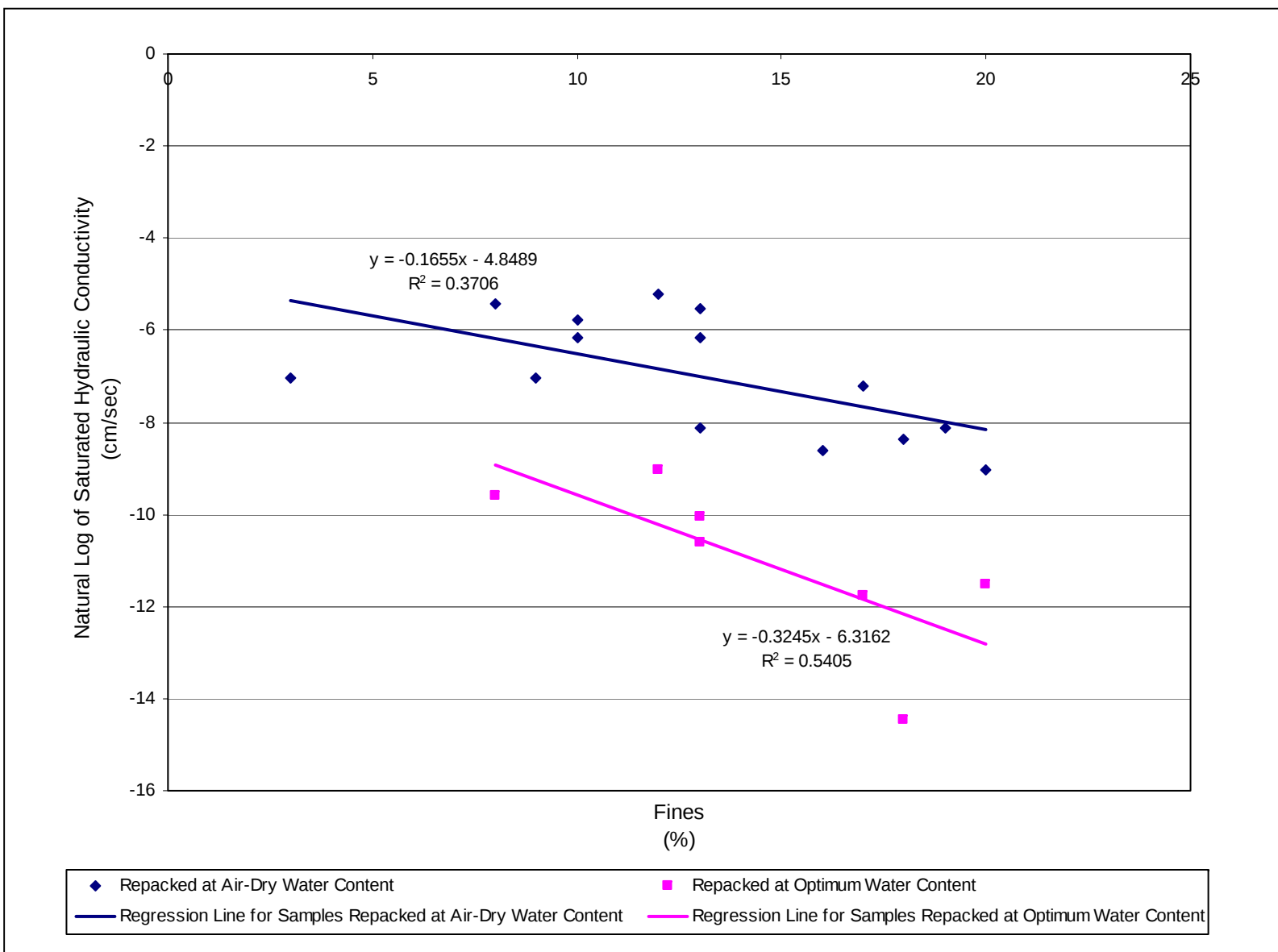


Figure 5.1-7
Saturated Hydraulic Conductivity vs. Fines Fraction for Repacked Sonic Core Samples

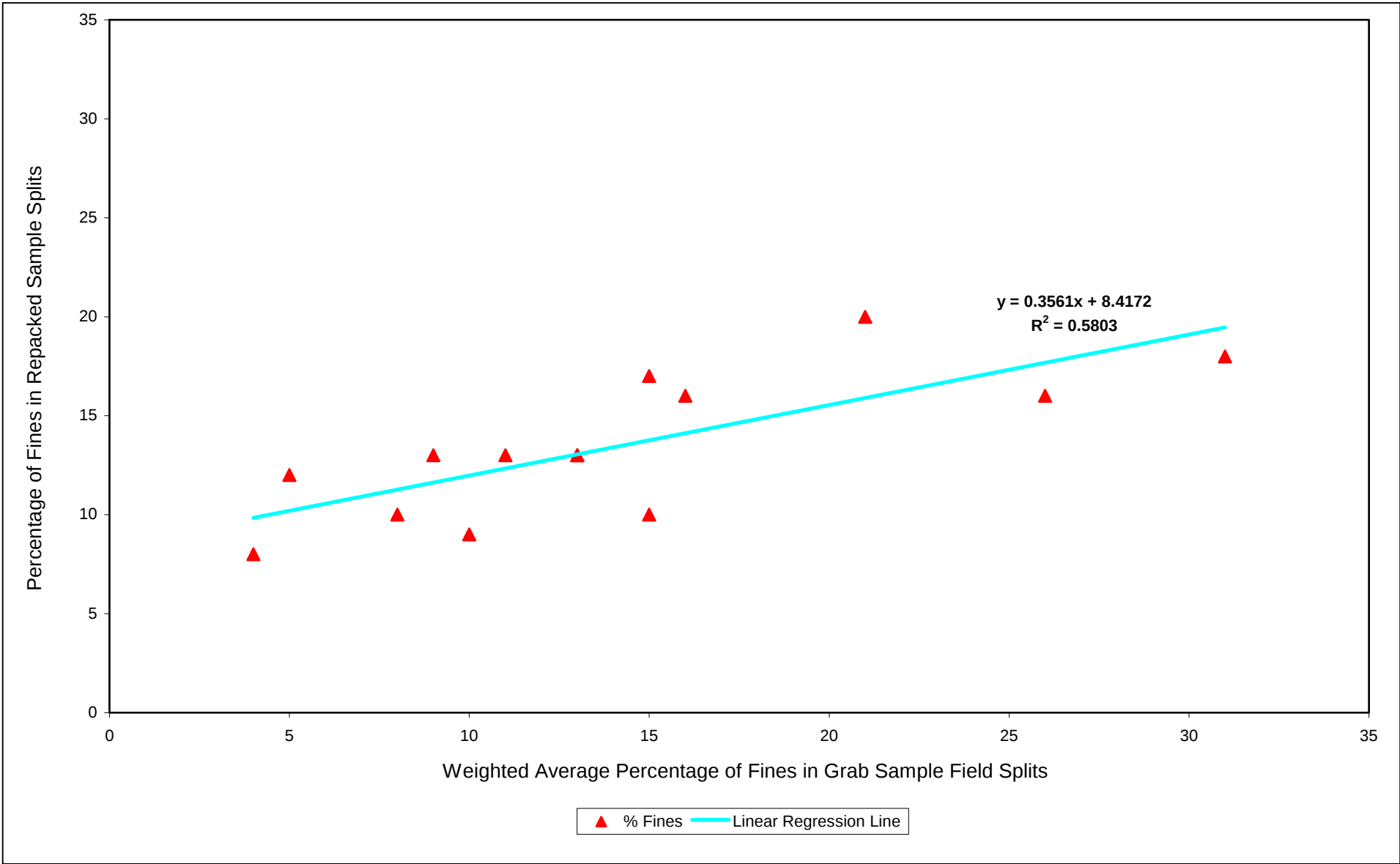


Figure 5.1-8
Percentage of Fines in Sample Splits from Identical Depth Intervals

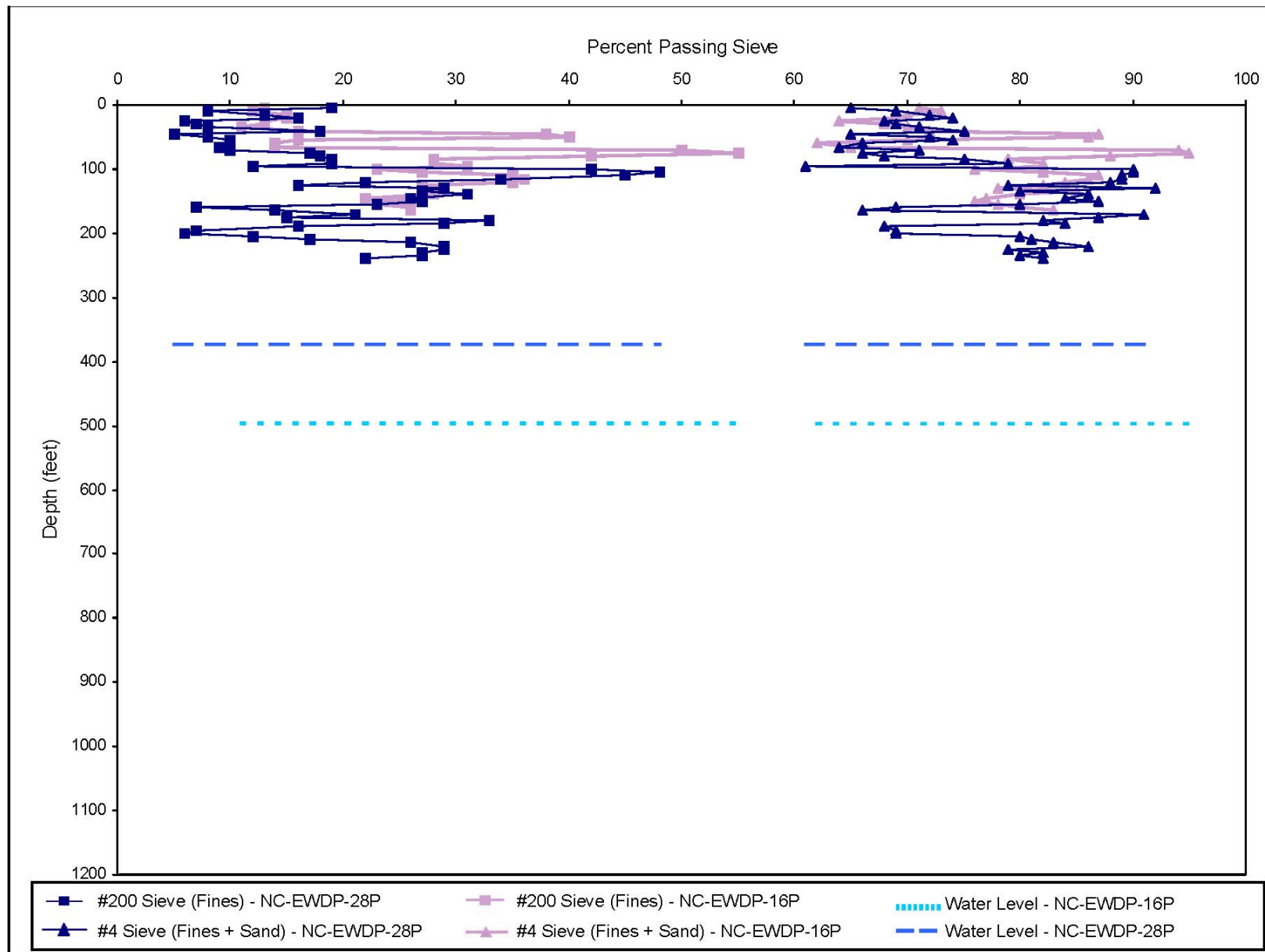


Figure 5.2-1
Laboratory Particle Size Distribution vs. Depth for 28P and 16P Alluvial Drill Cuttings Samples

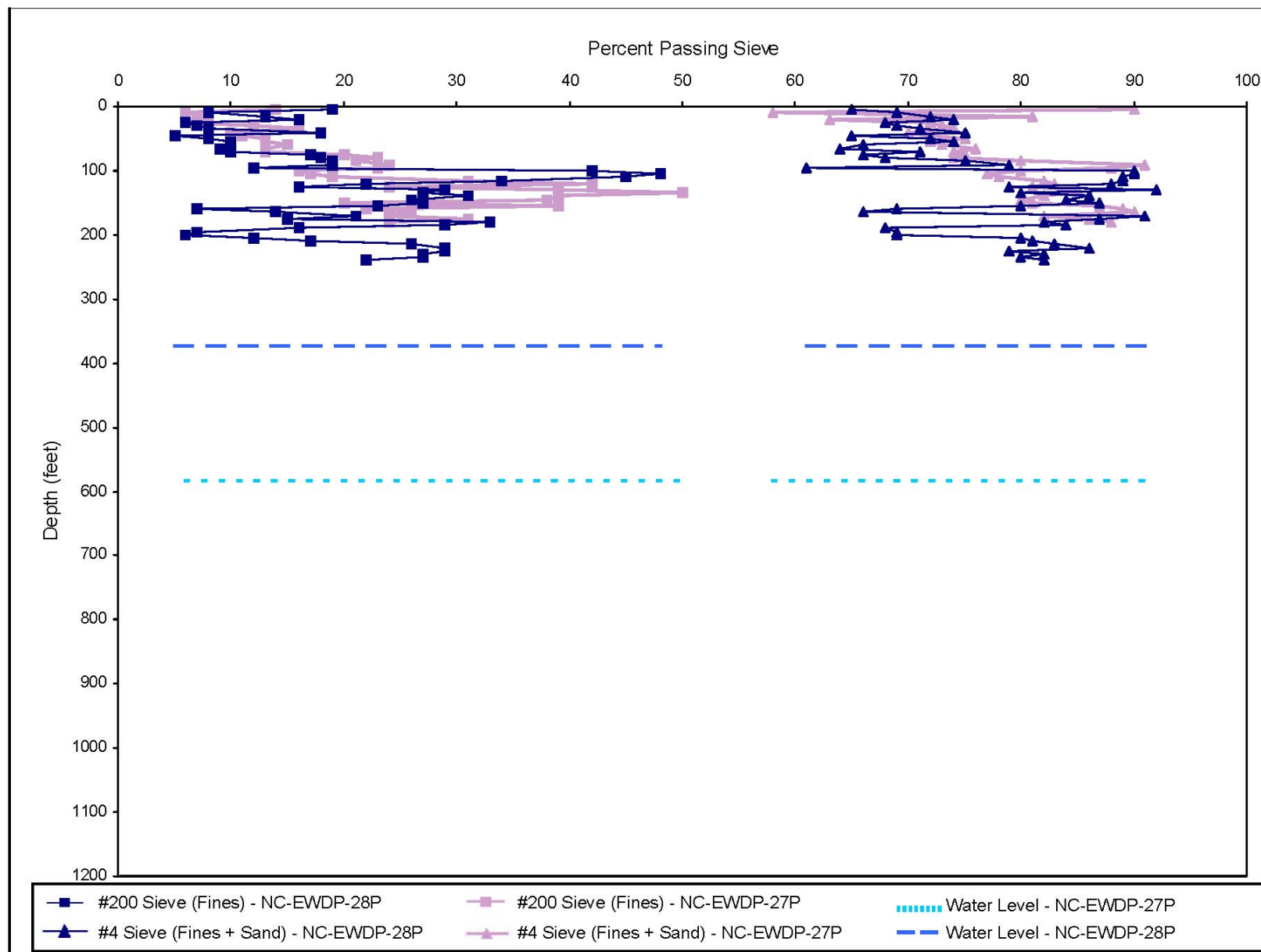


Figure 5.2-2
Laboratory Particle Size Distribution vs. Depth for 28P and 27P Alluvial Drill Cuttings Samples

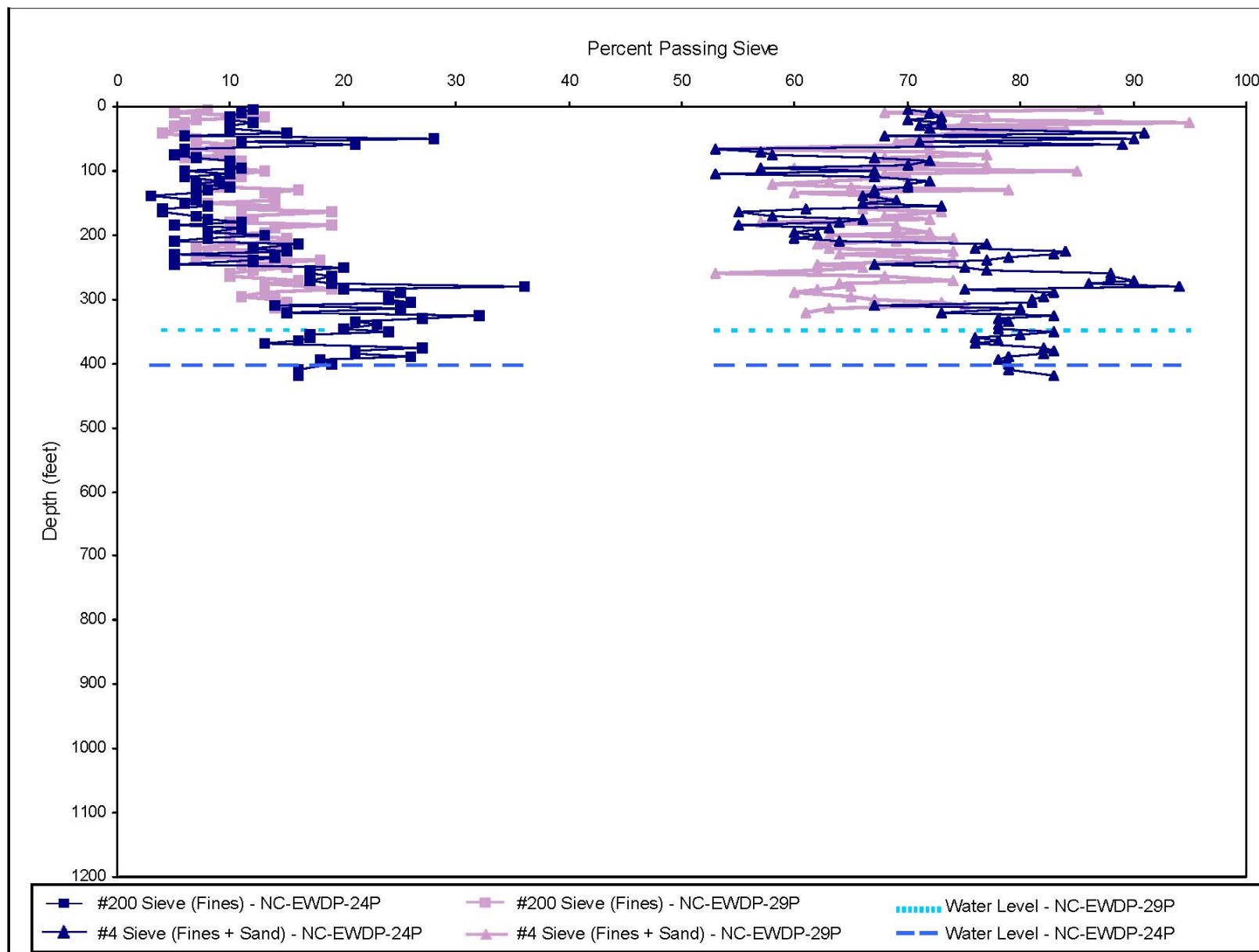


Figure 5.2-3
Laboratory Particle Size Distribution vs. Depth for 24P and 29P Alluvial Drill Cuttings Samples

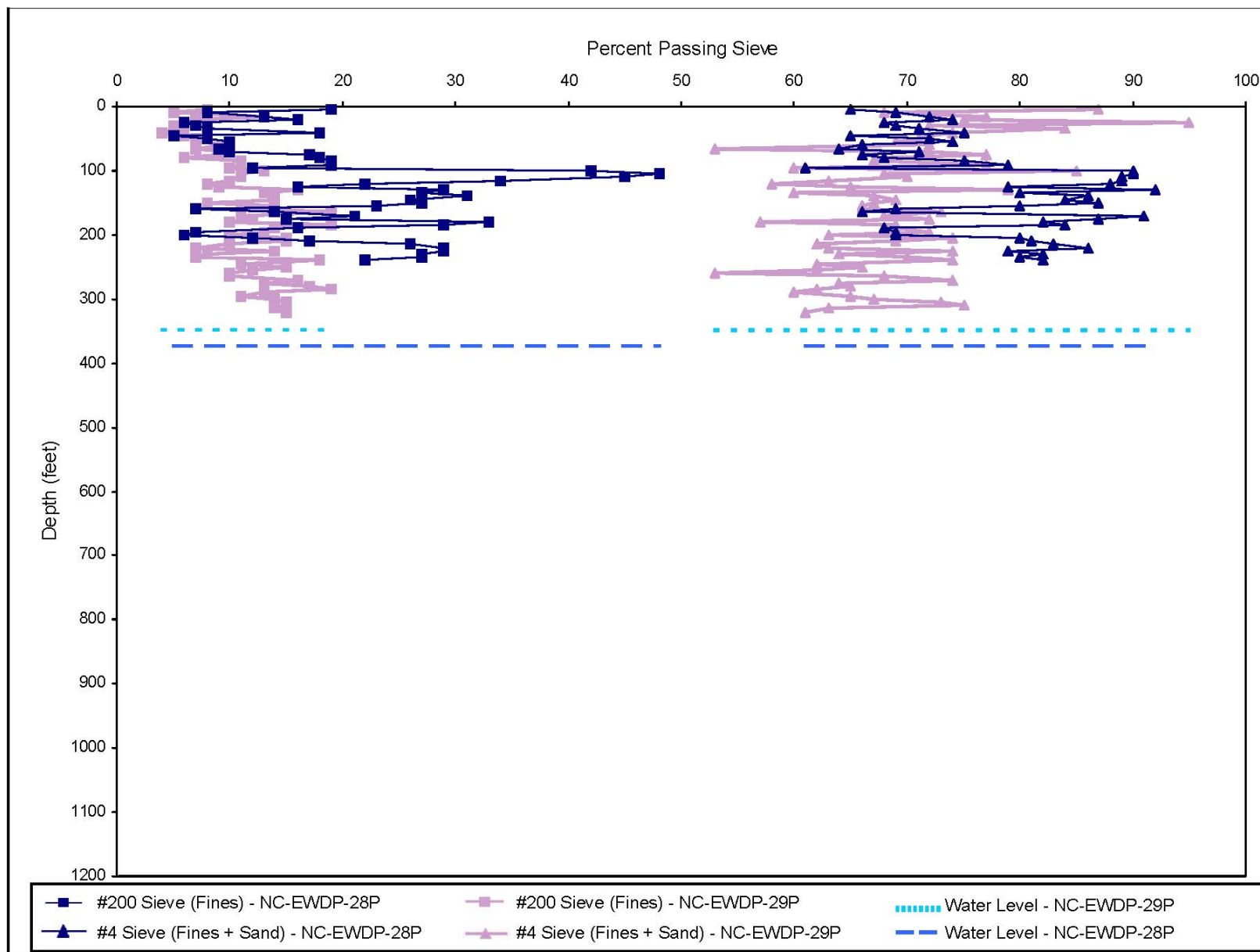


Figure 5.2-4
Laboratory Particle Size Distribution vs. Depth for 28P and 29P Alluvial Drill Cuttings Samples

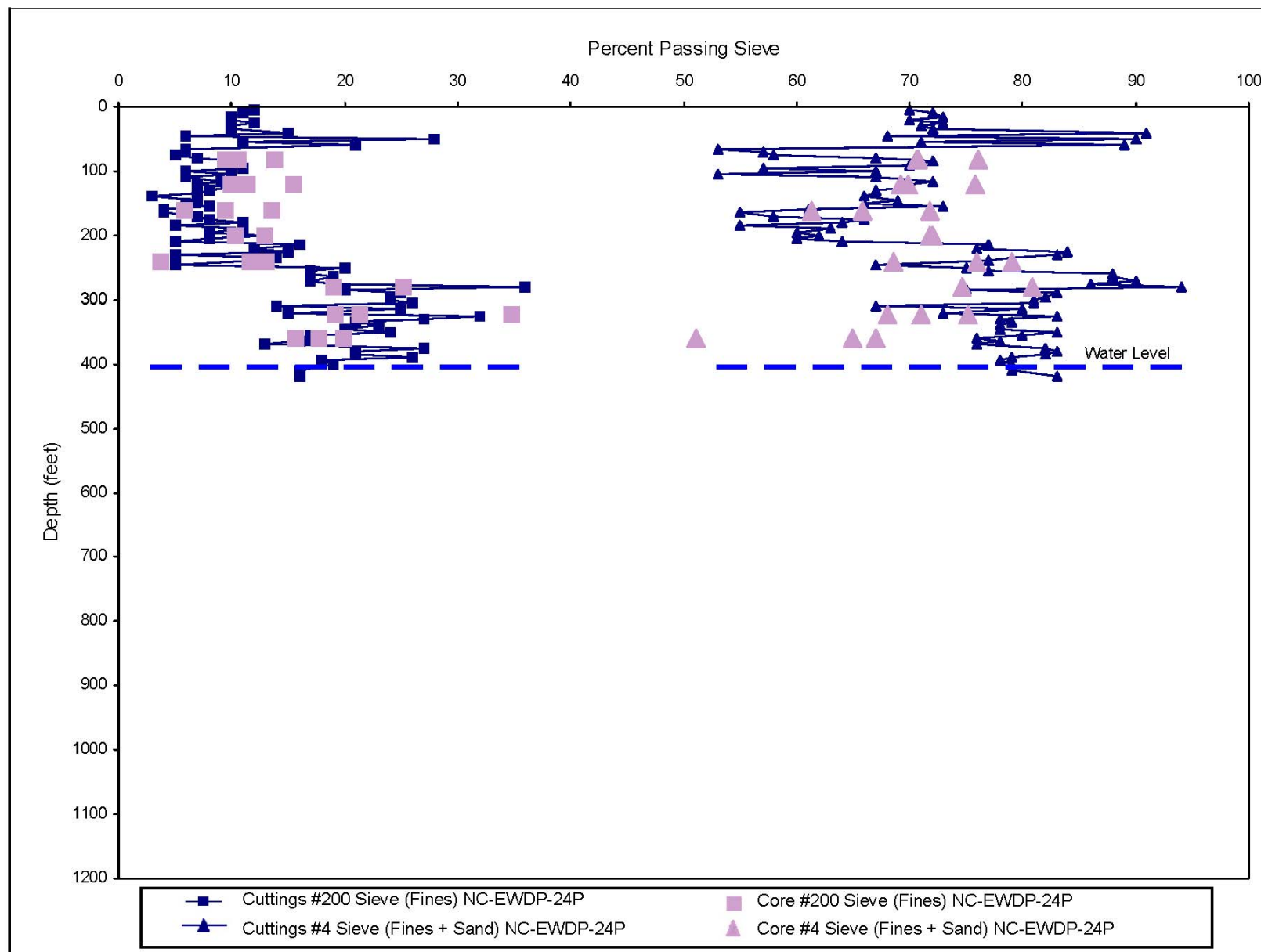


Figure 5.2-5

Laboratory Particle Size Distribution vs. Depth for 24P Alluvial Drill Cuttings and Drive Core Samples, including Shoe Core Samples

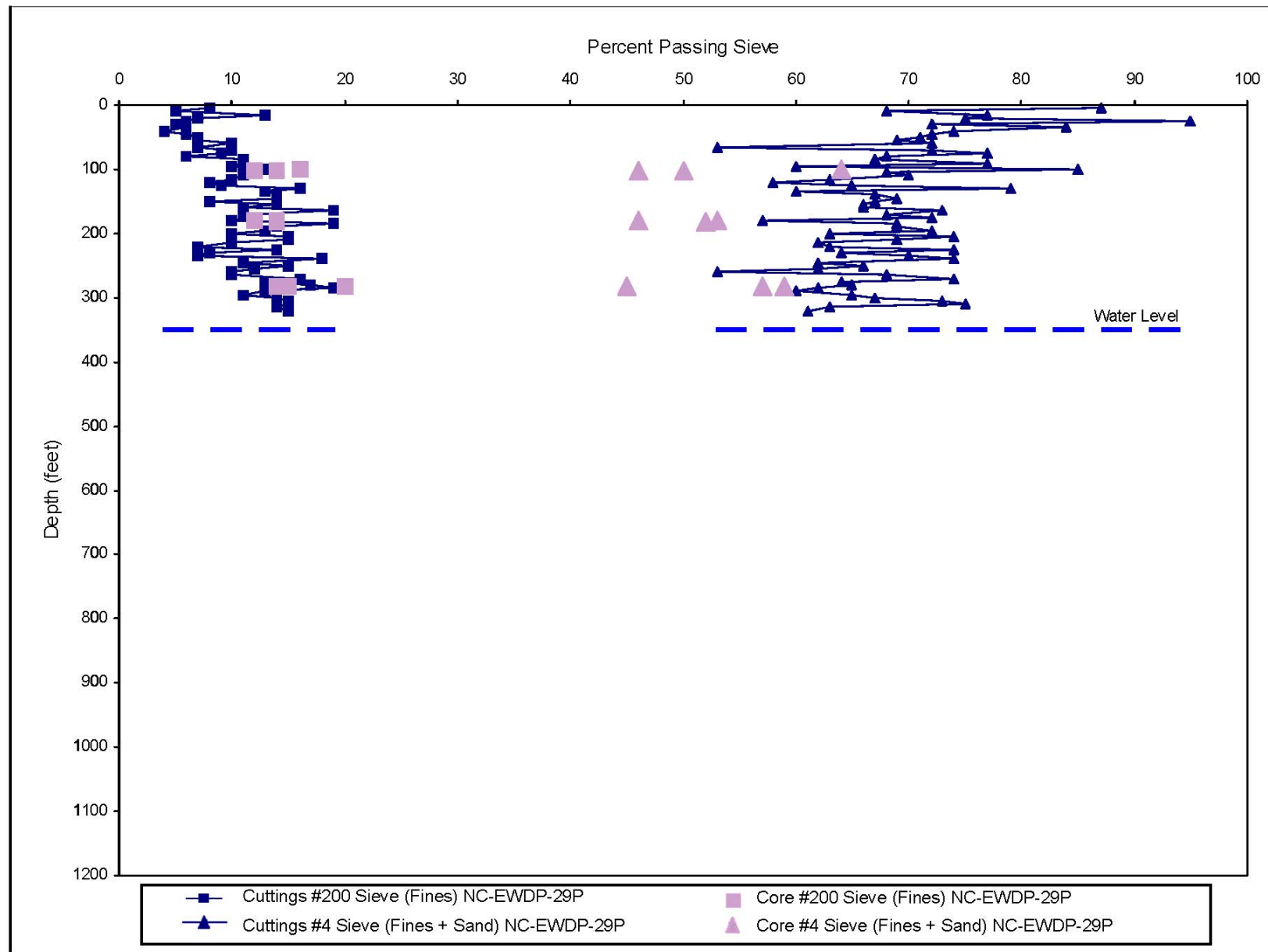


Figure 5.2-6

Laboratory Particle Size Distribution vs. Depth for 29P Alluvial Drill Cuttings and Drive Core Samples, including Shoe Core Samples

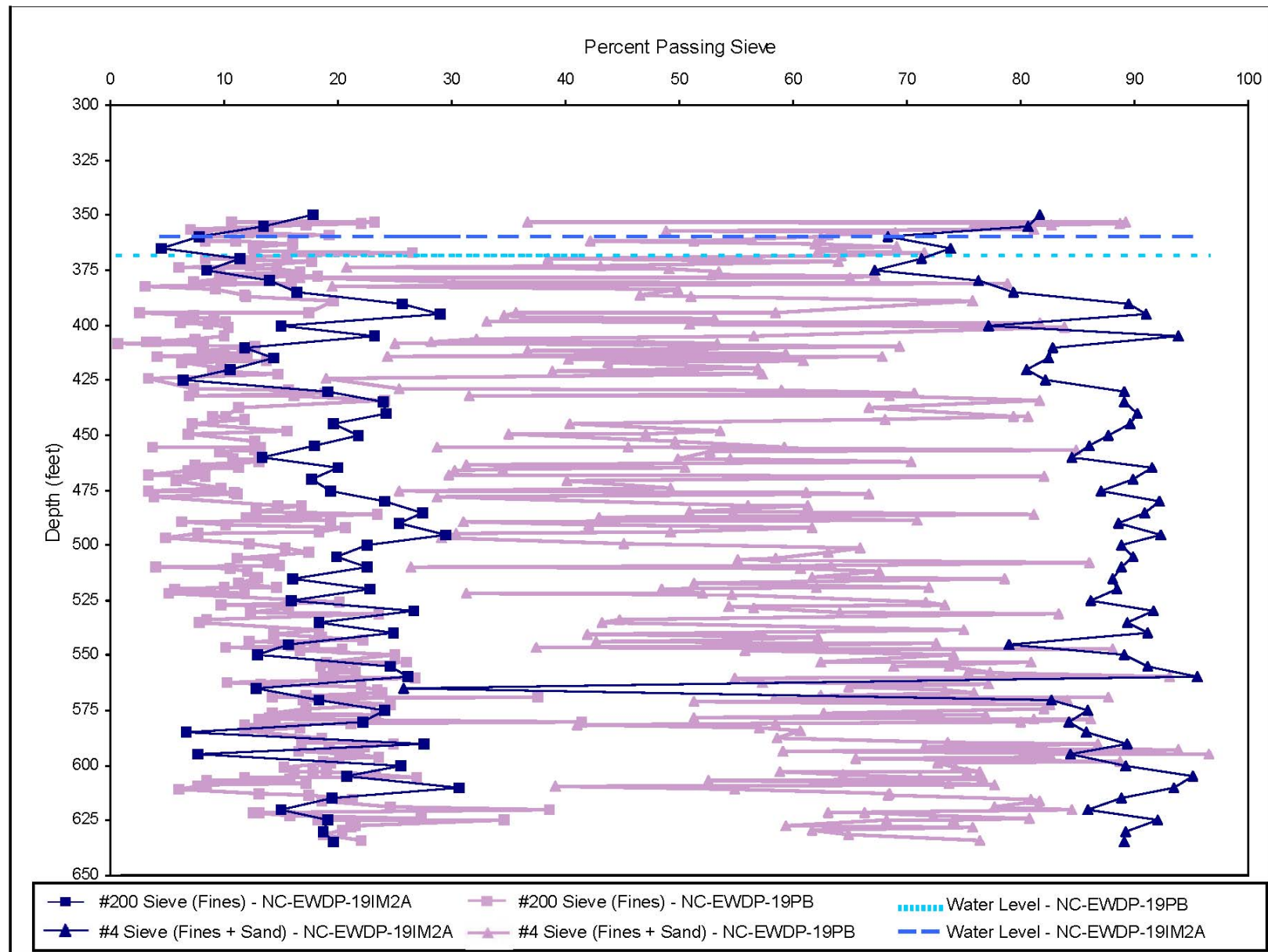


Figure 5.2-7
Laboratory Particle Size Distribution vs. Depth for 19IM2A Alluvial Drill Cuttings and 19PB Sonic Grab Core Samples

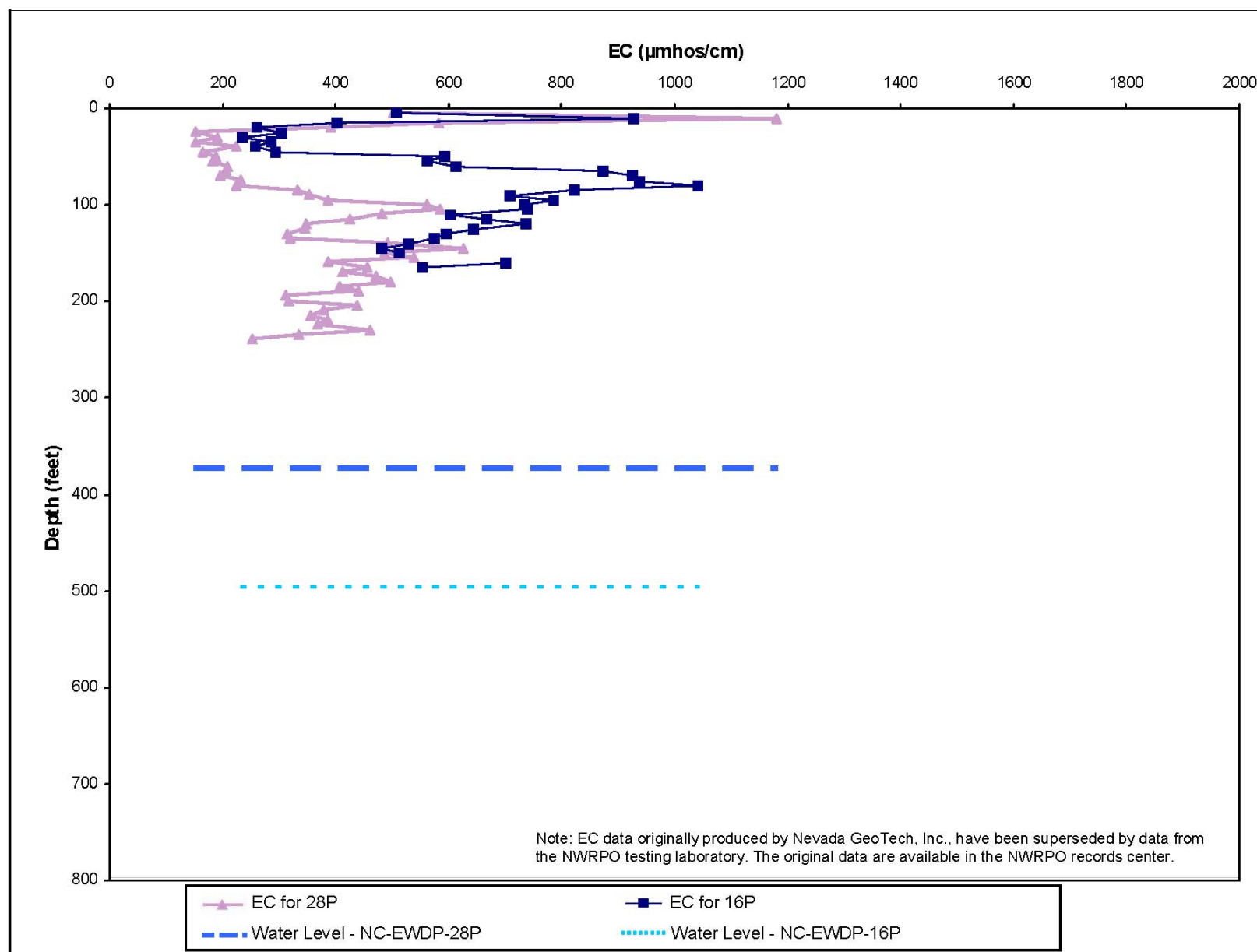


Figure 5.2-8
Electrical Conductivity vs. Depth for 28P and 16P Alluvial Drill Cuttings Samples

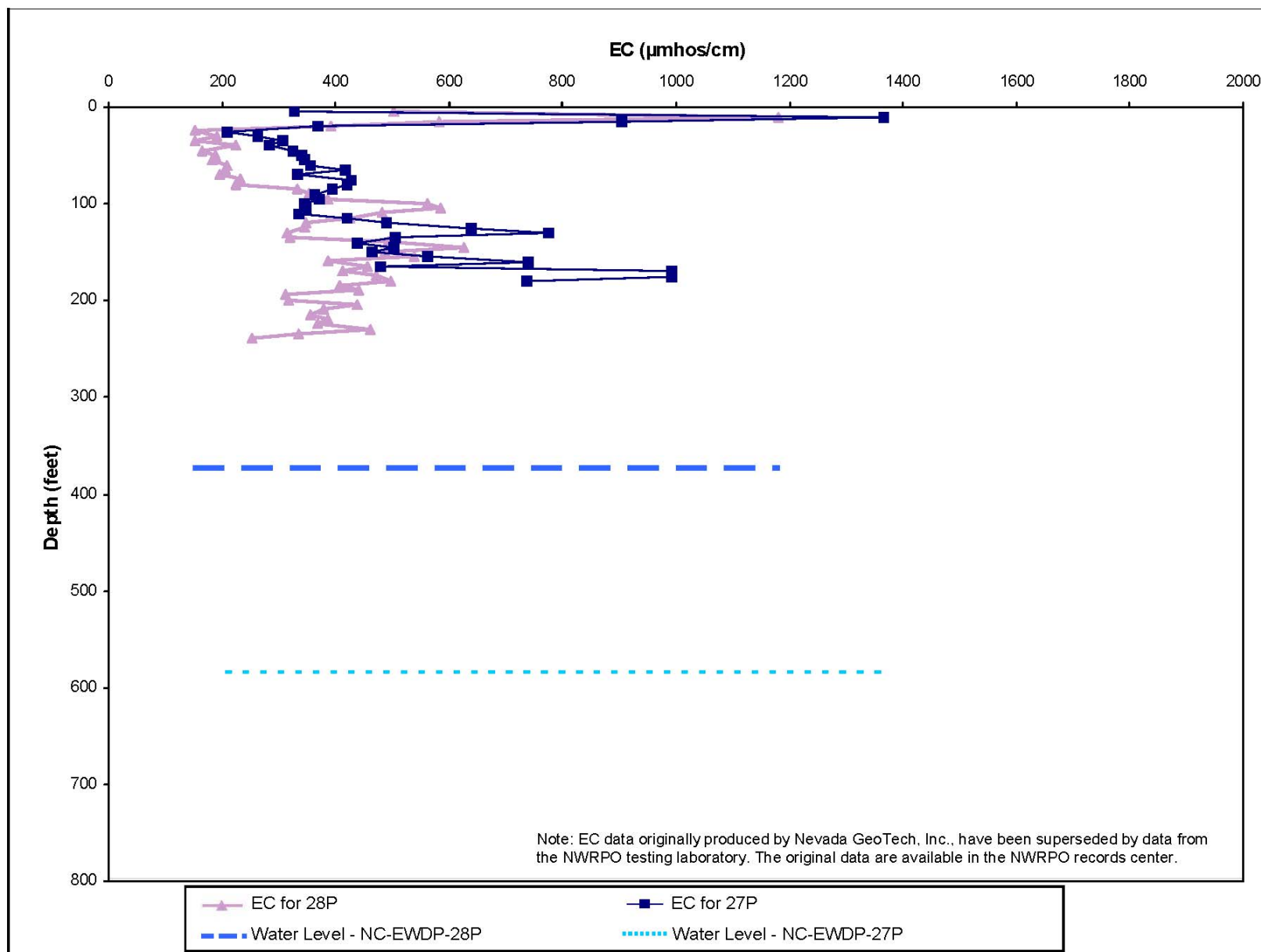


Figure 5.2-9
Electrical Conductivity vs. Depth for 28P and 27P Alluvial Drill Cuttings Samples

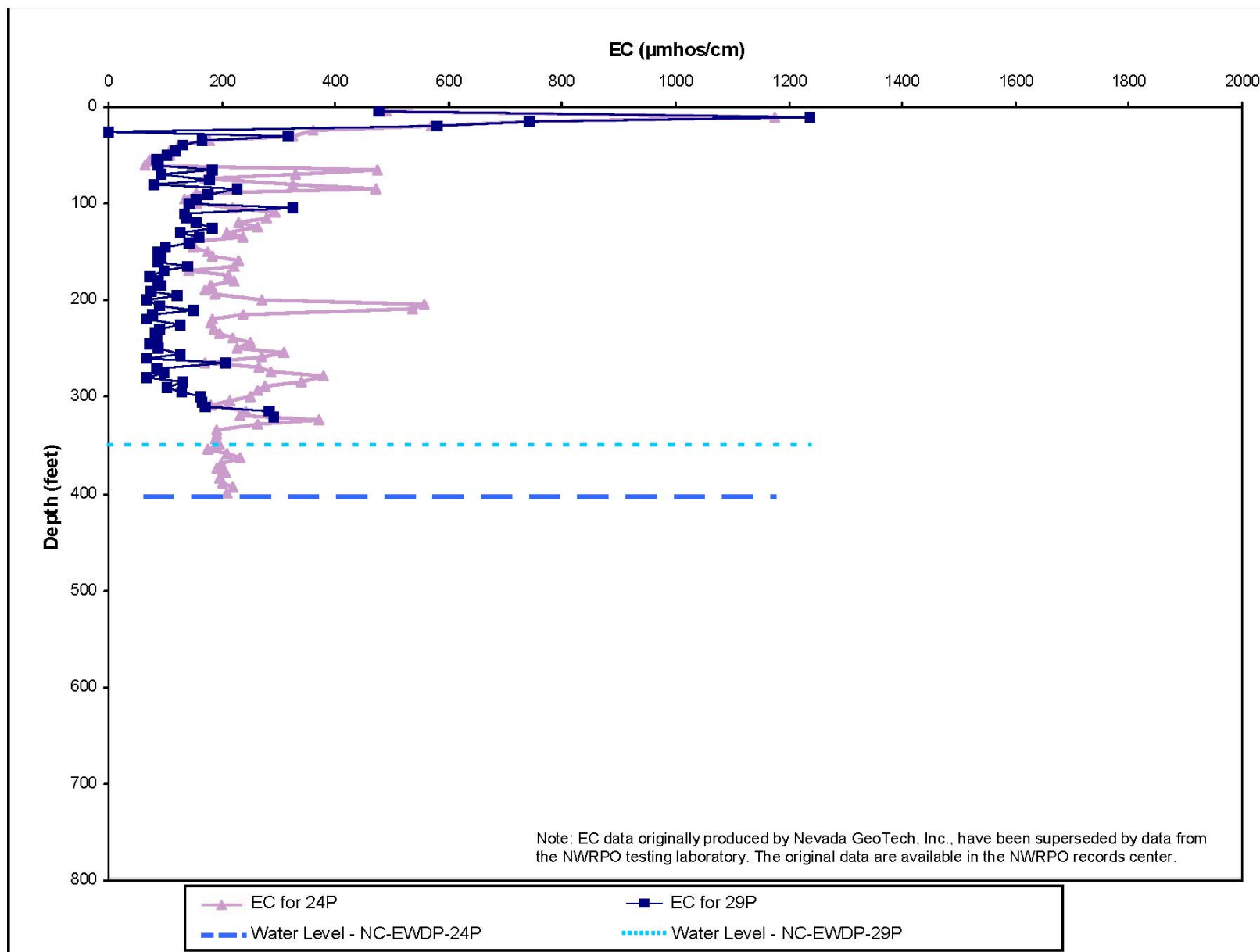


Figure 5.2-10
Electrical Conductivity vs. Depth for 24P and 29P Alluvial Drill Cuttings Samples

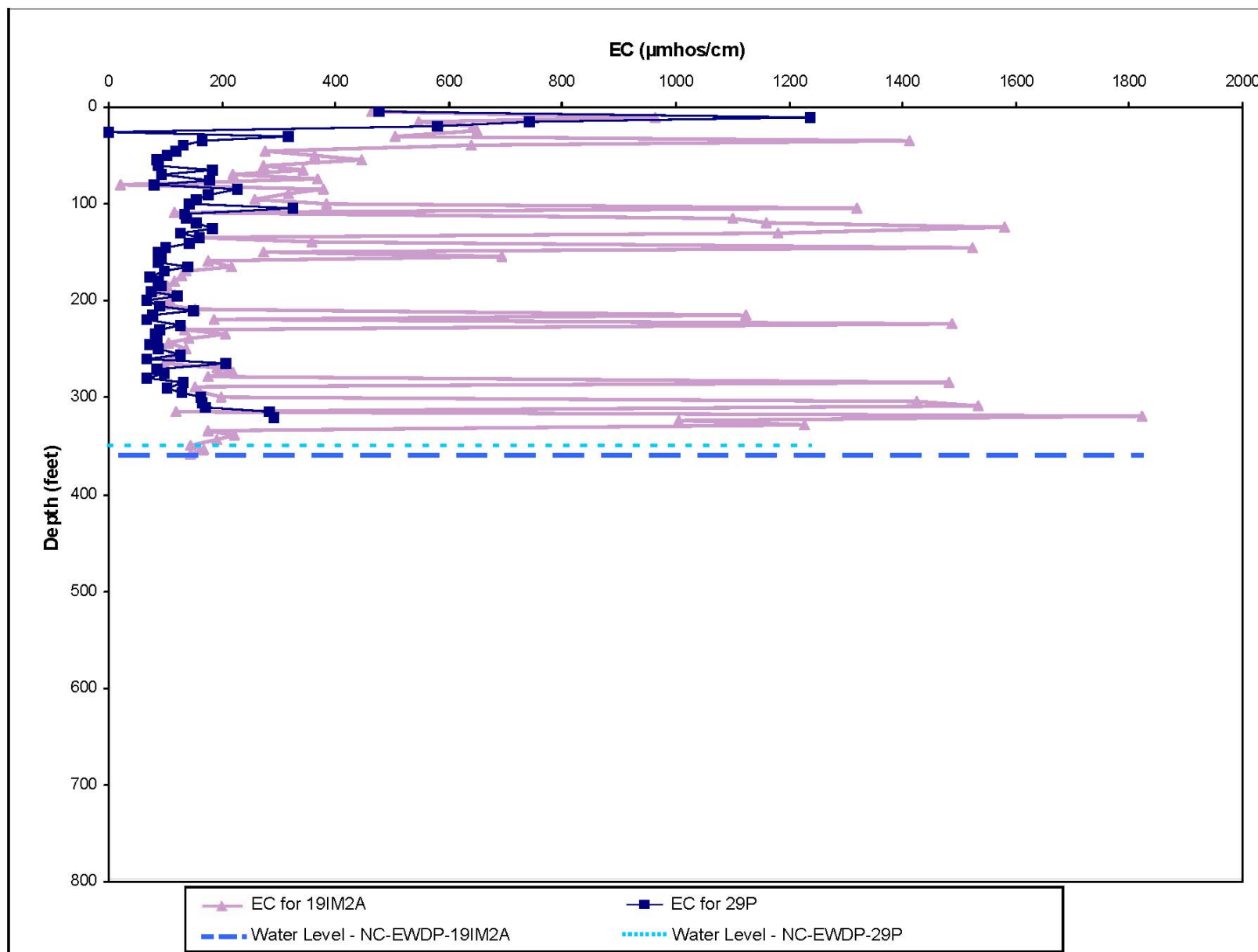


Figure 5.2-11
Electrical Conductivity vs. Depth for 19IM2A and 29P Alluvial Drill Cuttings Samples

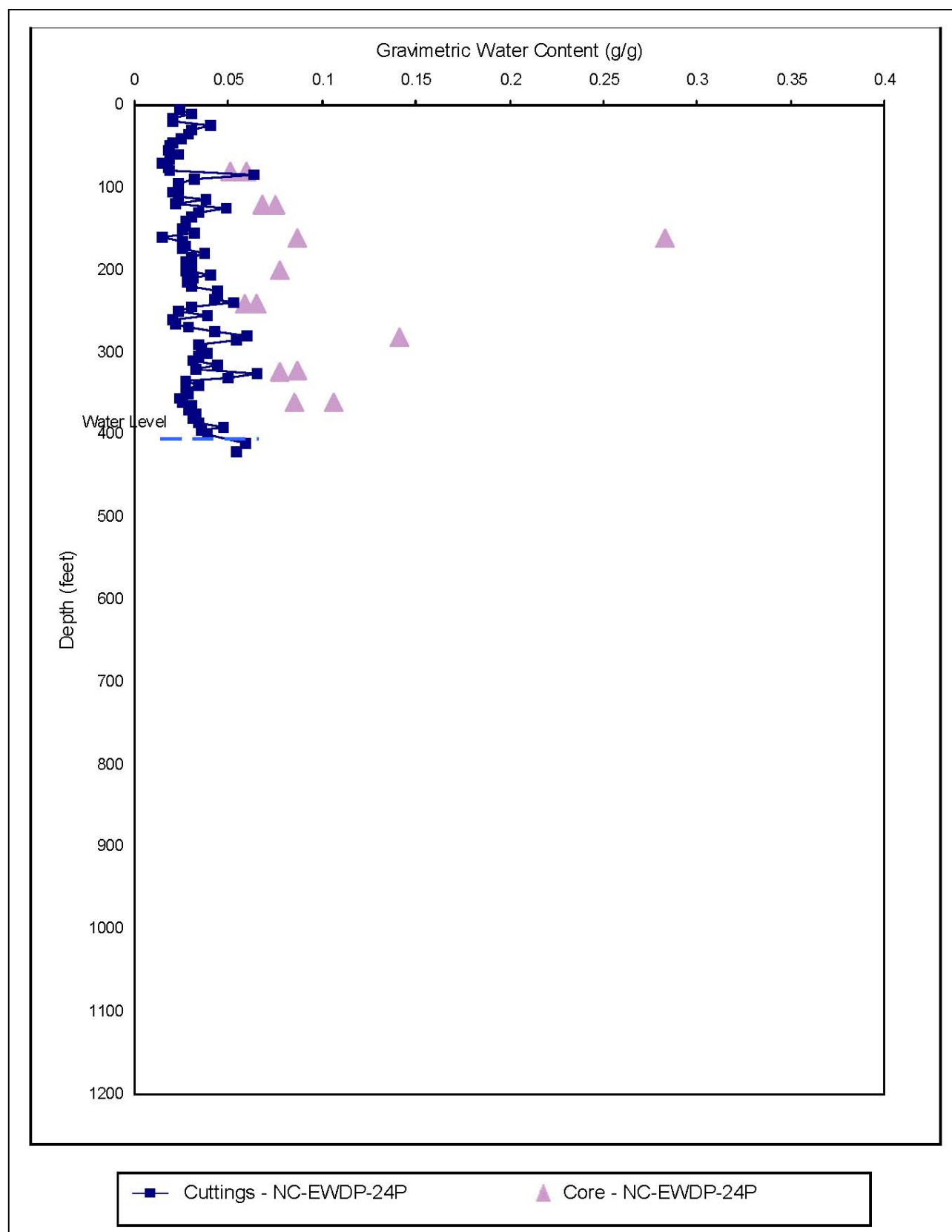


Figure 5.2-12
Gravimetric Water Content vs. Depth for 24P Alluvial Drill Cuttings and Drive Core Samples

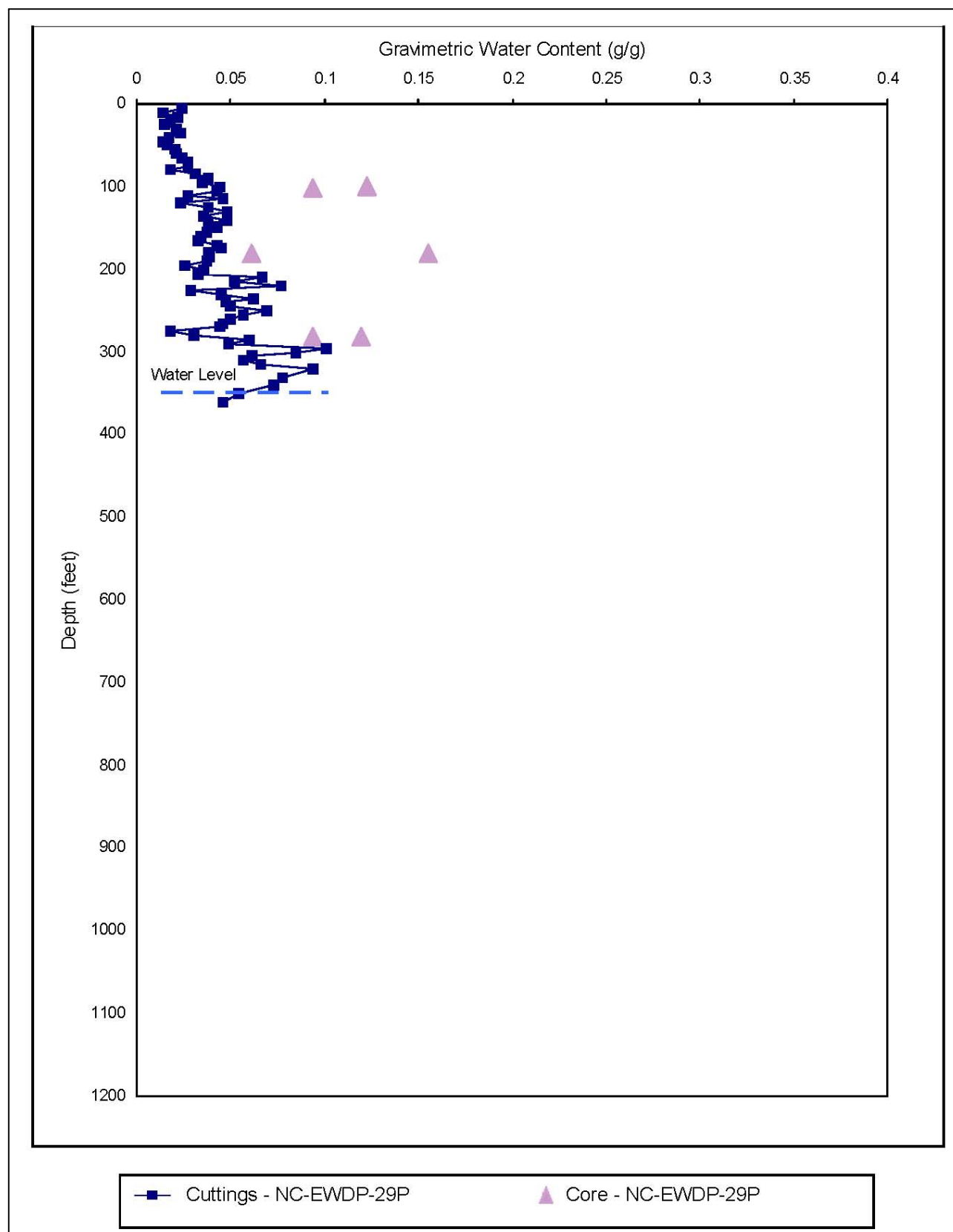


Figure 5.2-13
Gravimetric Water Content vs. Depth for 29P Alluvial Drill Cuttings and Drive Core Samples

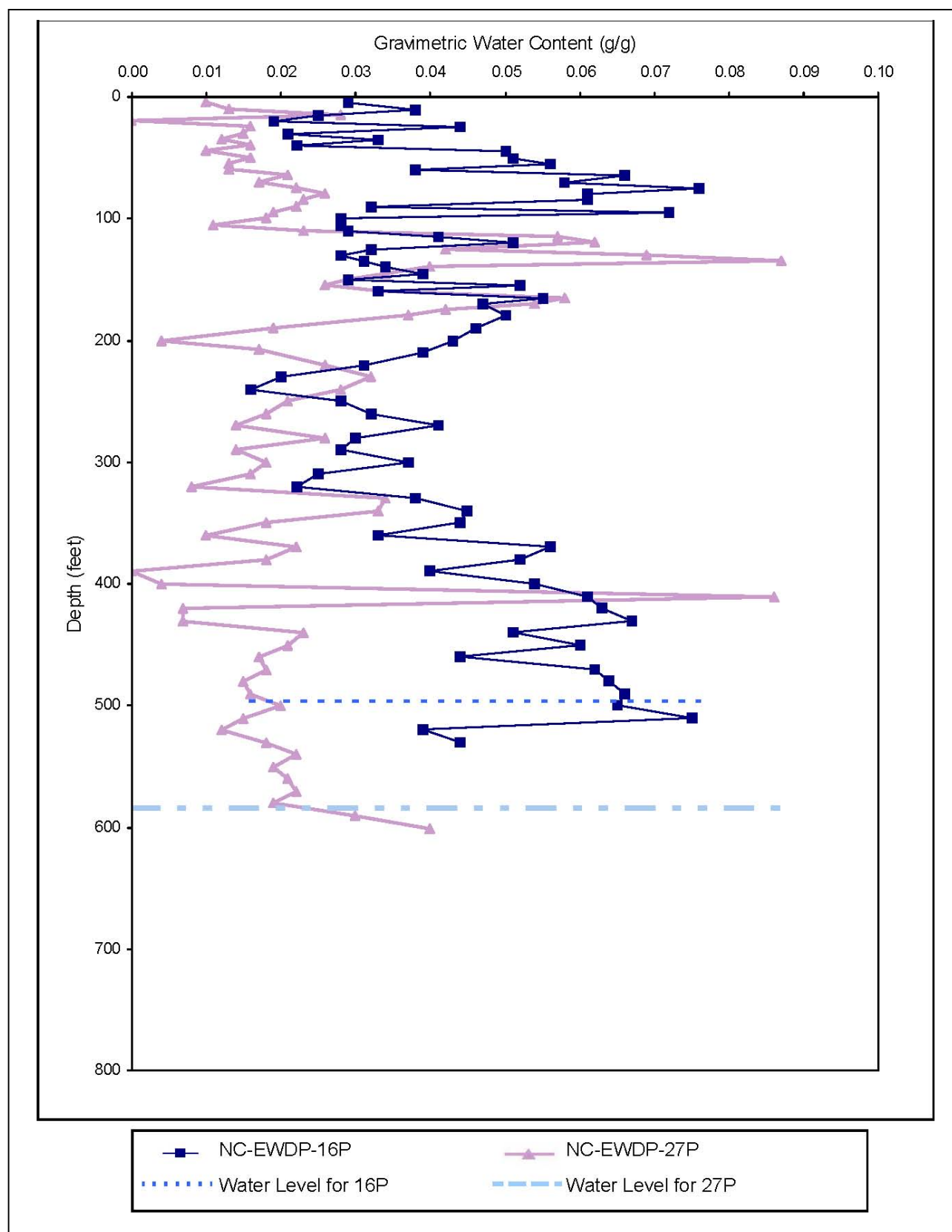


Figure 5.2-14
Gravimetric Water Content vs. Depth in Alluvium and Non-Alluvium for 16P and 27P

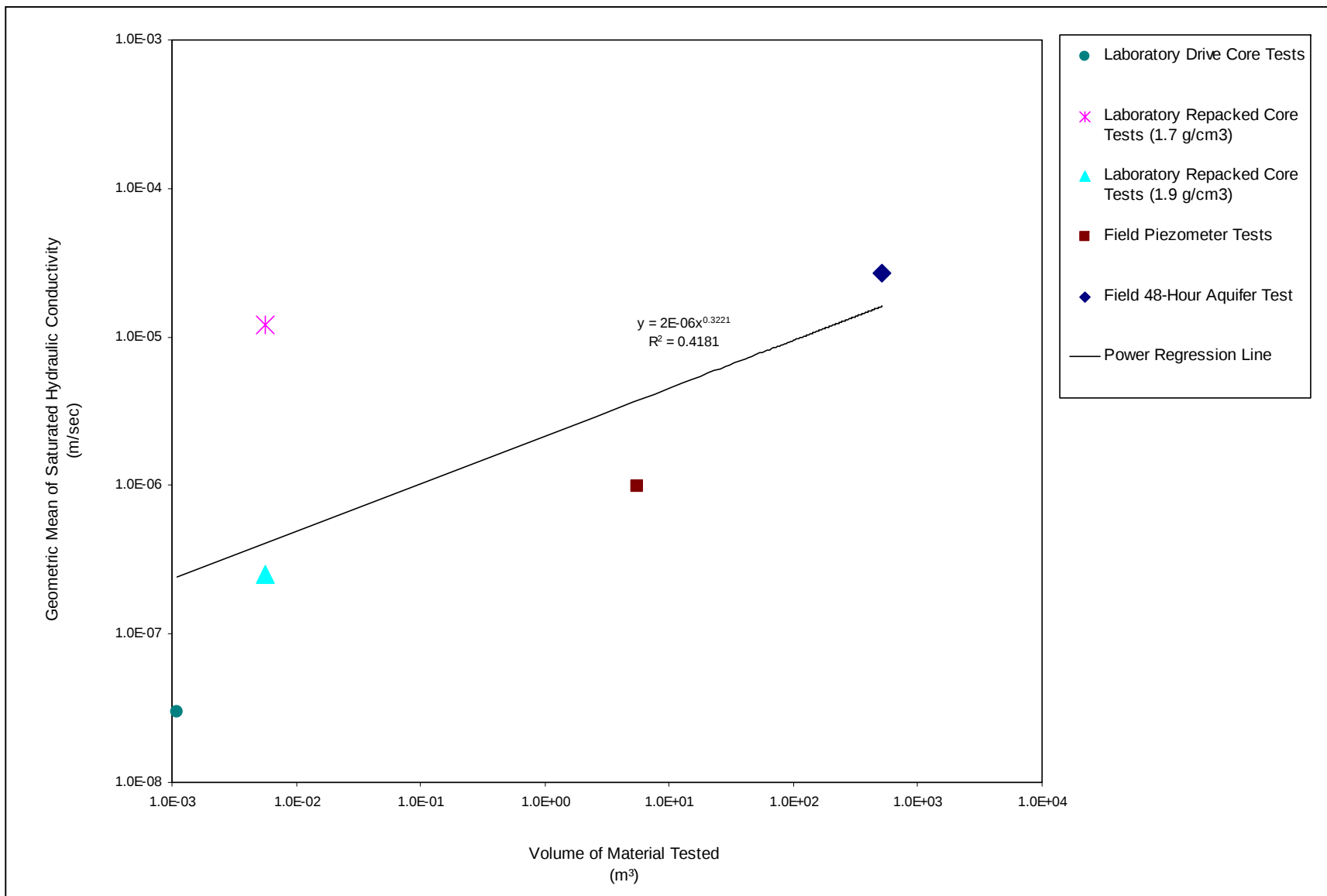


Figure 5.3-1
Geometric Mean of Saturated Hydraulic Conductivity vs. Measurement Scale for Site 19 Core and In Situ Tests

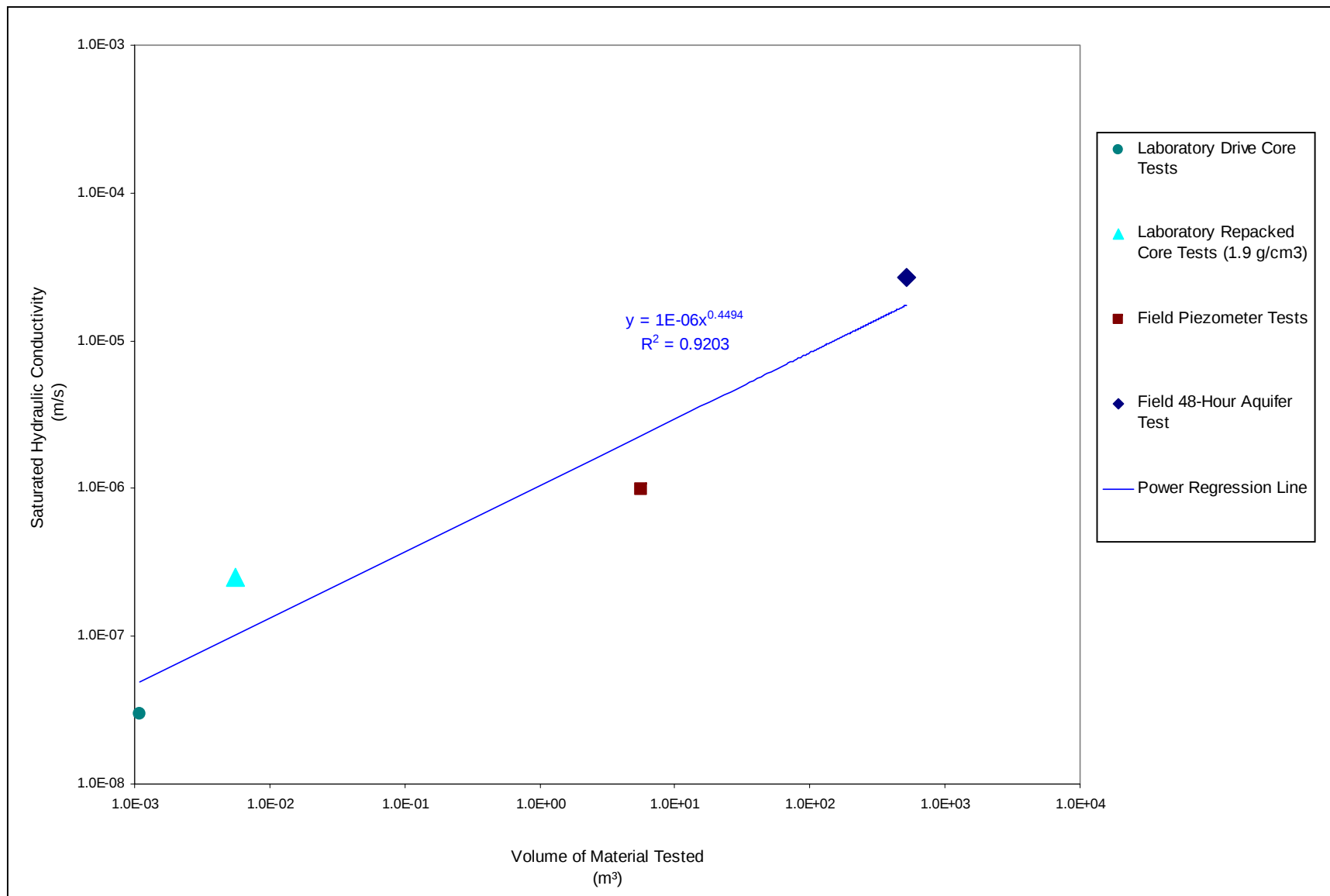


Figure 5.3-2
Geometric Mean of Saturated Hydraulic Conductivity vs. Measurement Scale for Site 19 Core and In Situ Tests,
excluding Data from Core Repacked at Air-Dried Water Content

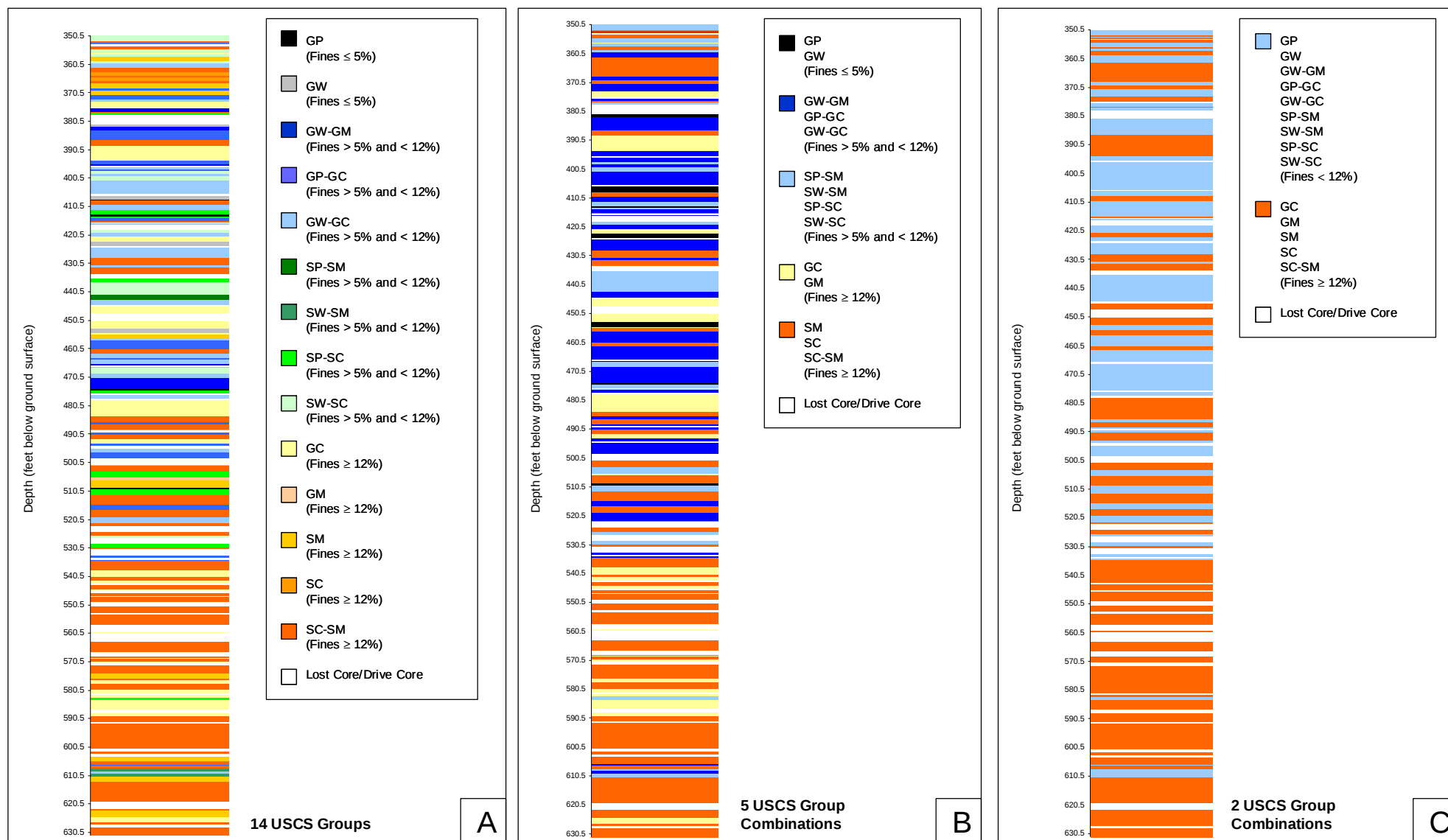


Figure 6.1-1
Preliminary Summary Lithologic Logs for 19PB

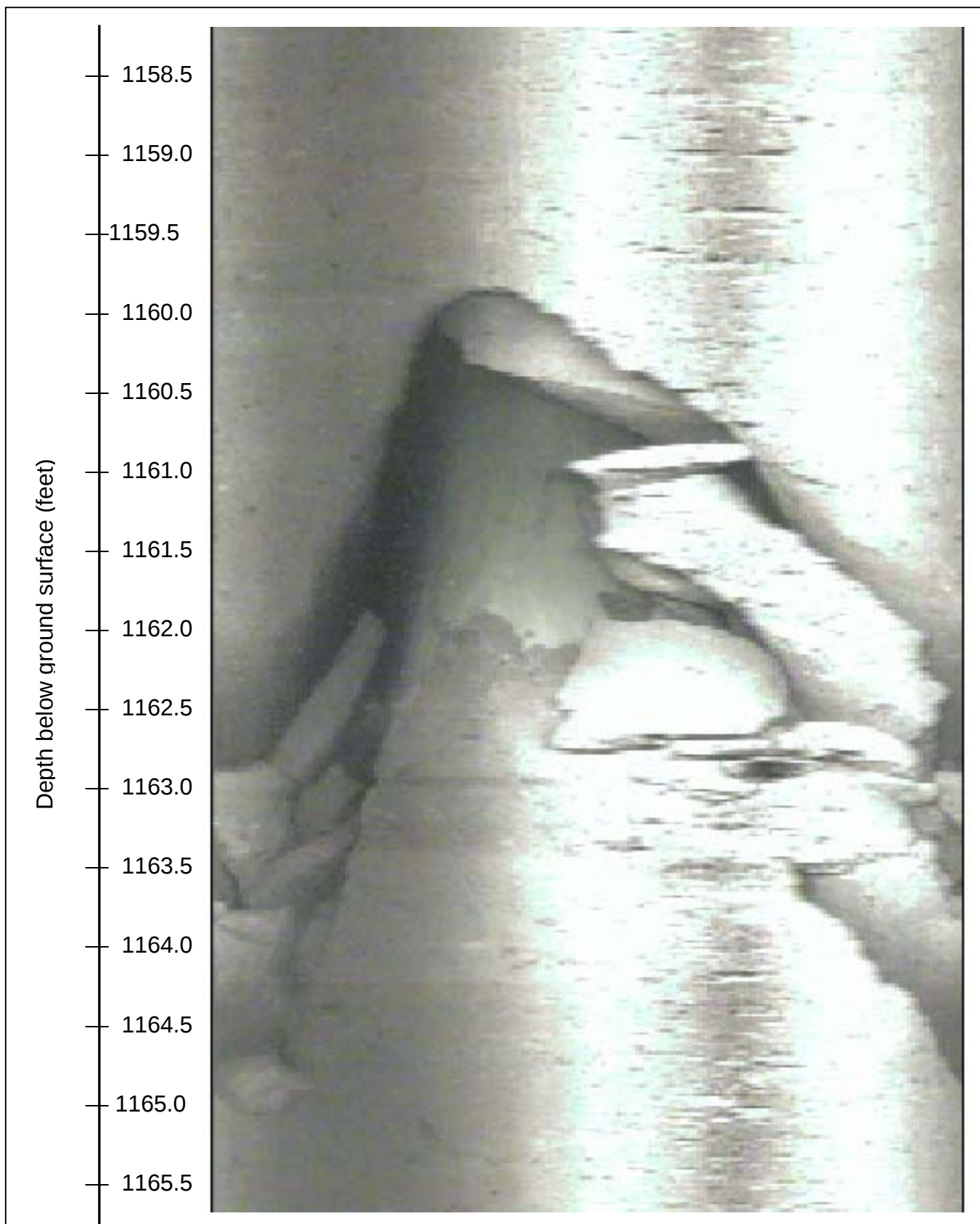


Figure 6.2-1
Optical Televiewer Image for 27P from 1158.5 to 1165.5 Feet Below Ground Surface

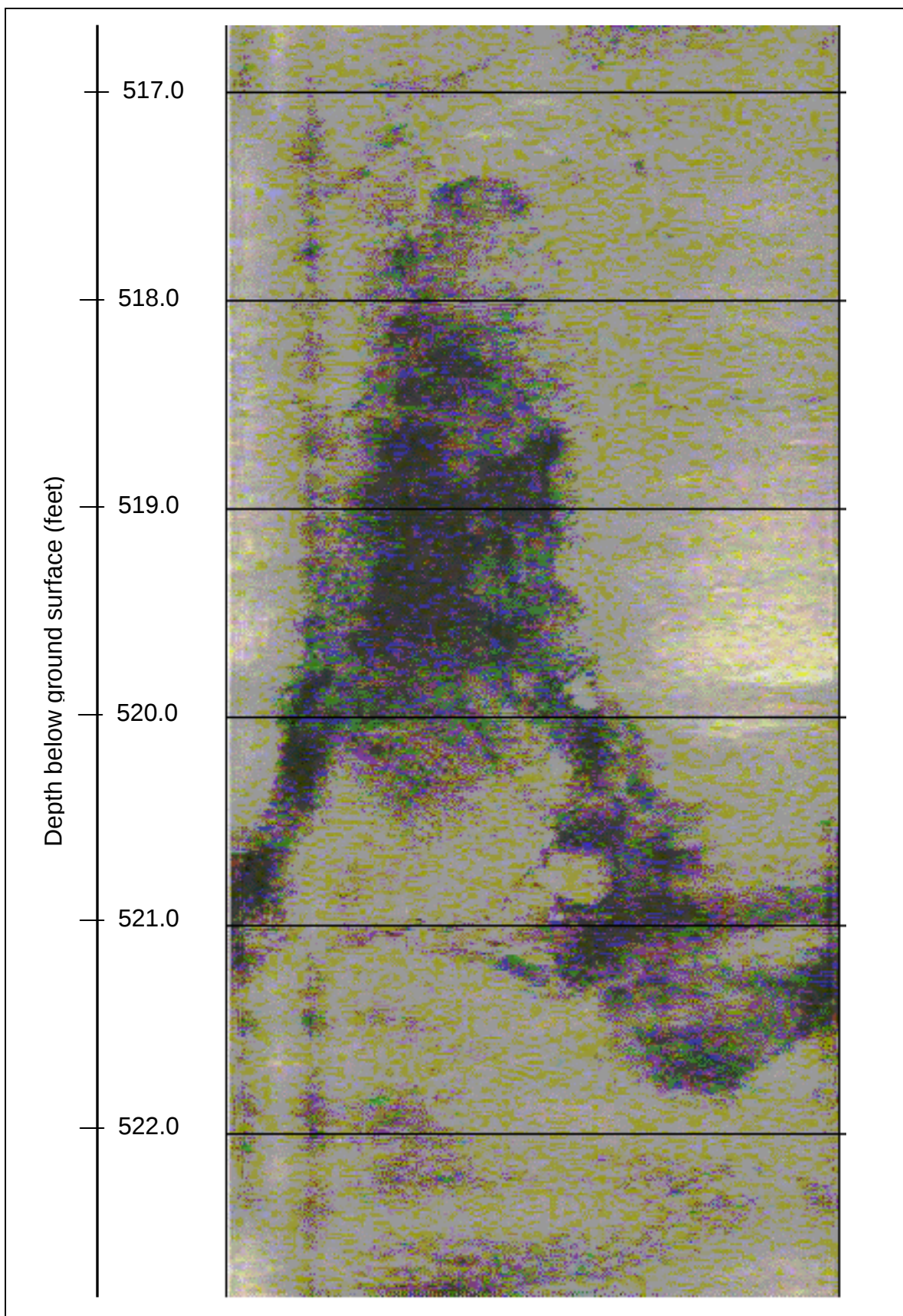


Figure 6.2-2
Optical Televiewer Image for 29P from 517 to 522 Feet Below Ground Surface

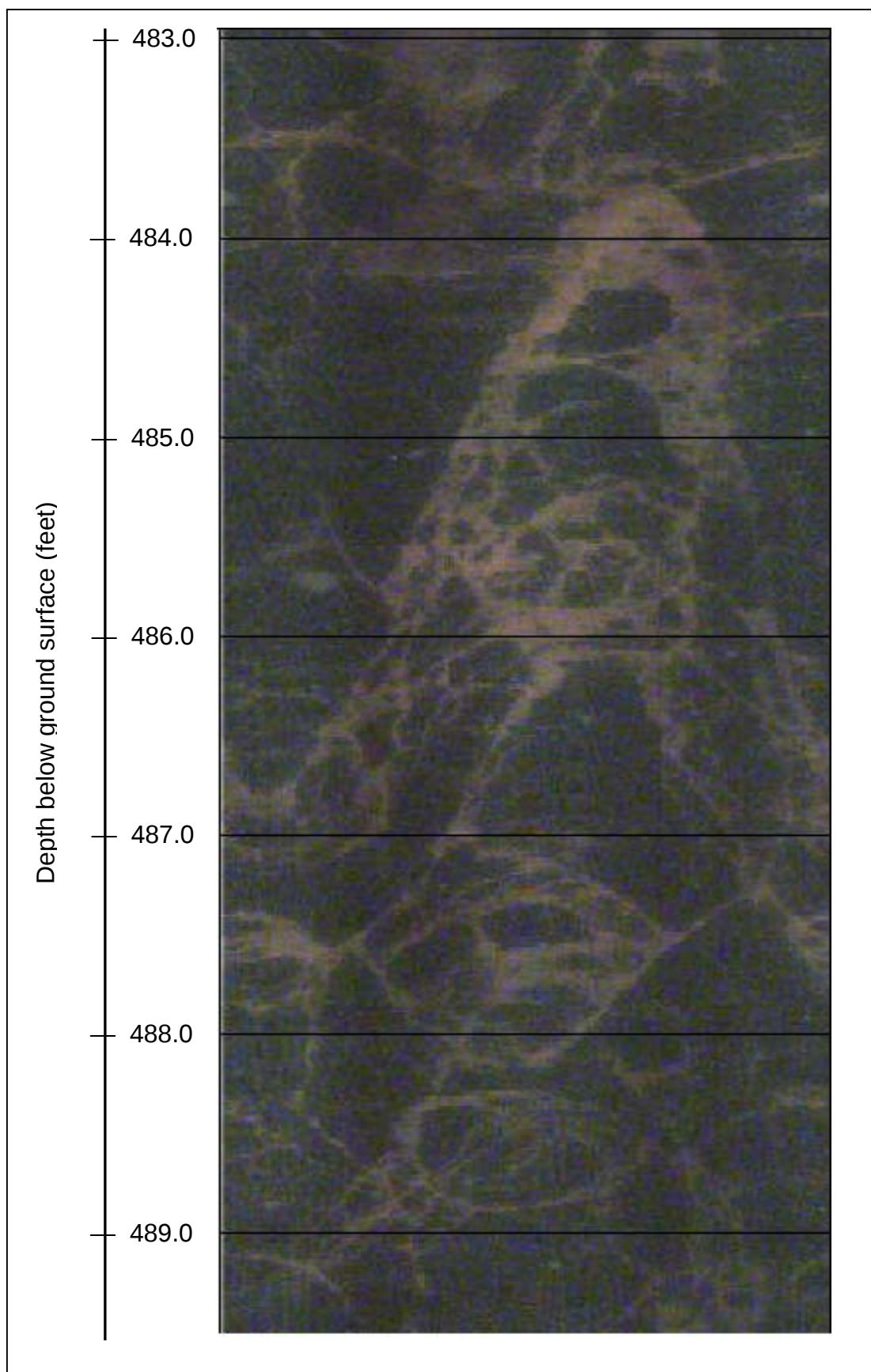


Figure 6.2-3
Optical Televiewer Image for 29P from 483.0 to 489.5 Feet Below Ground Surface

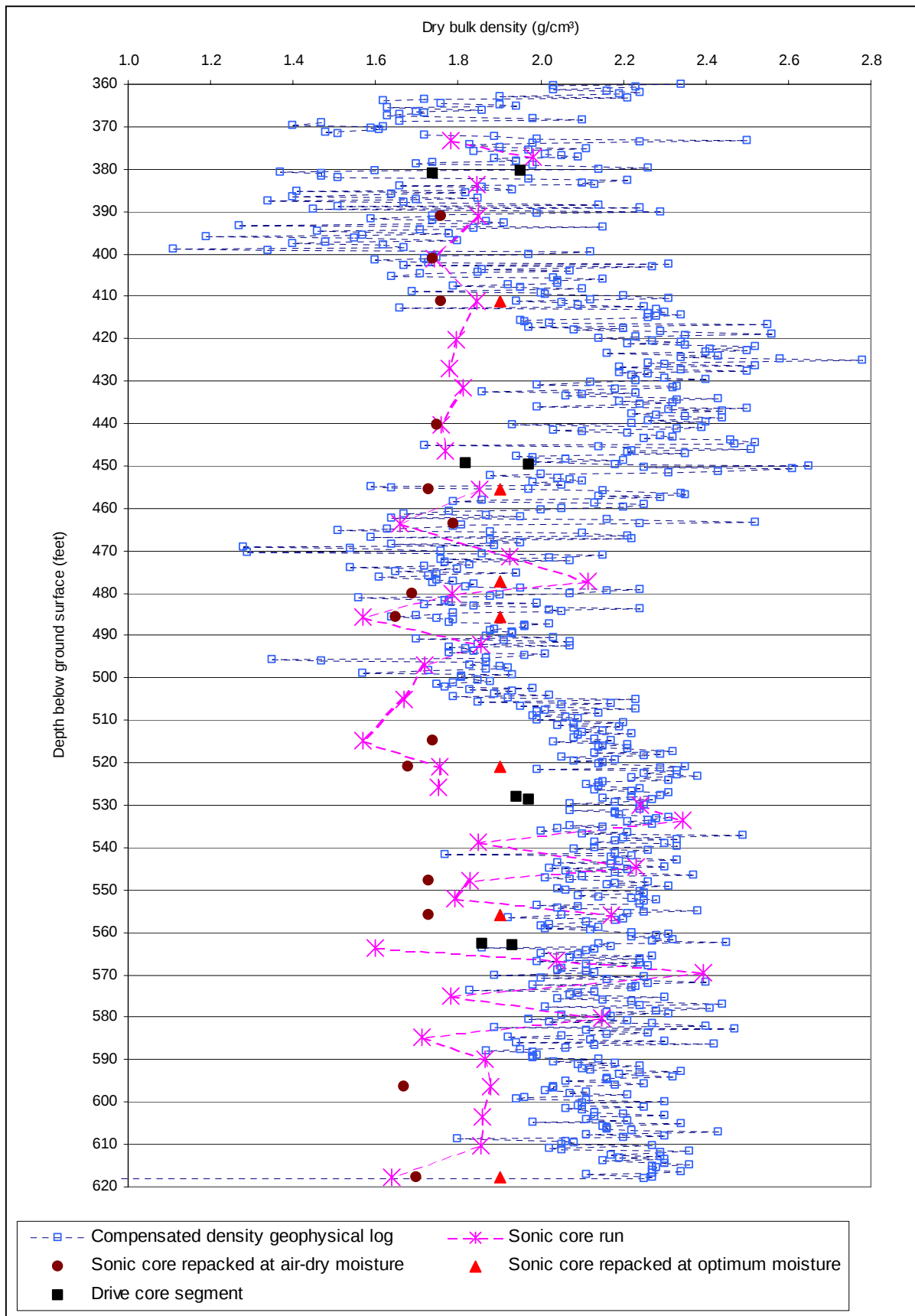


Figure 6.2-4
Dry Bulk Density Depth Profiles from 19PB using Different Measurement Methods

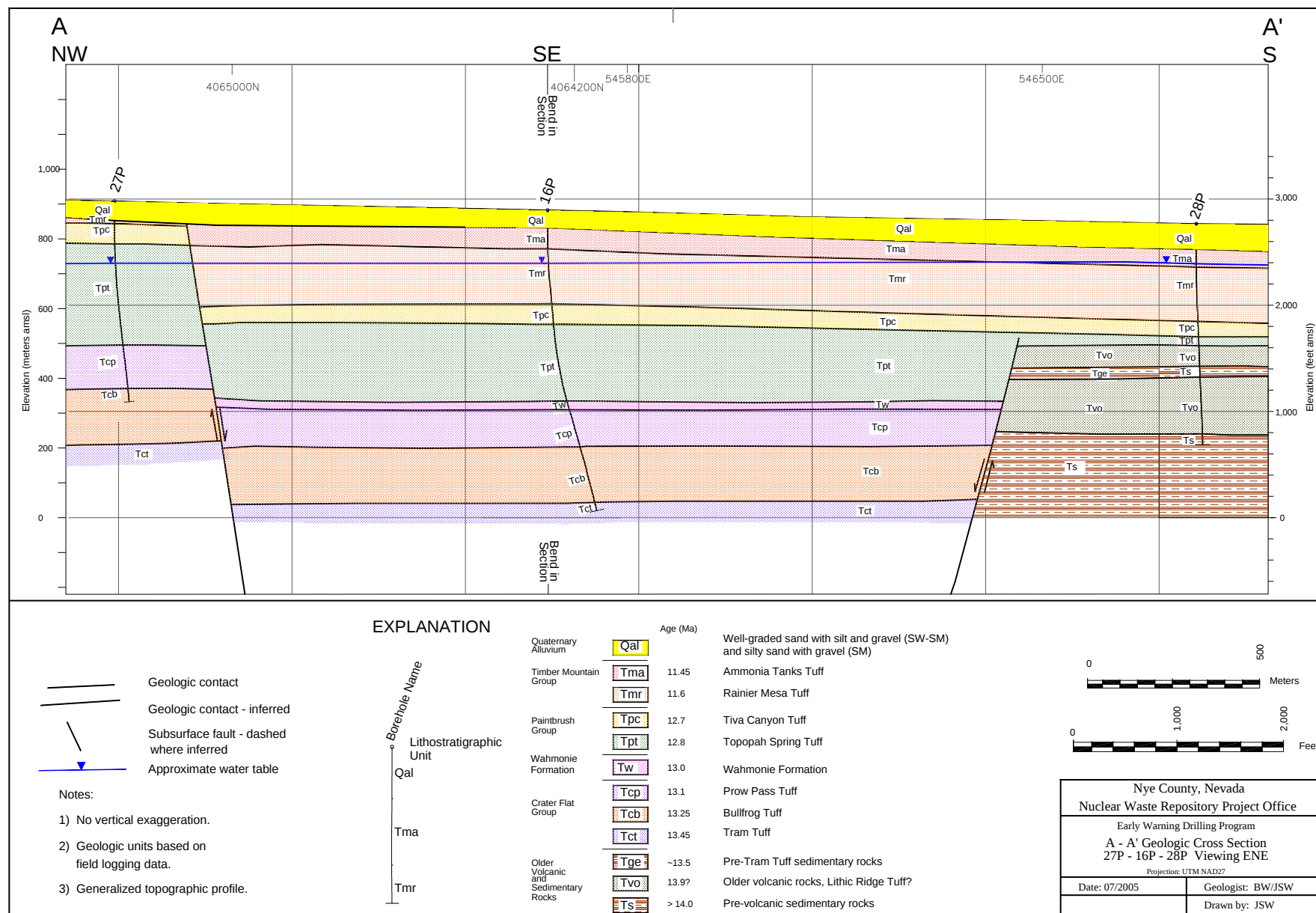


Figure 6.3-1
Cross Section A-A'

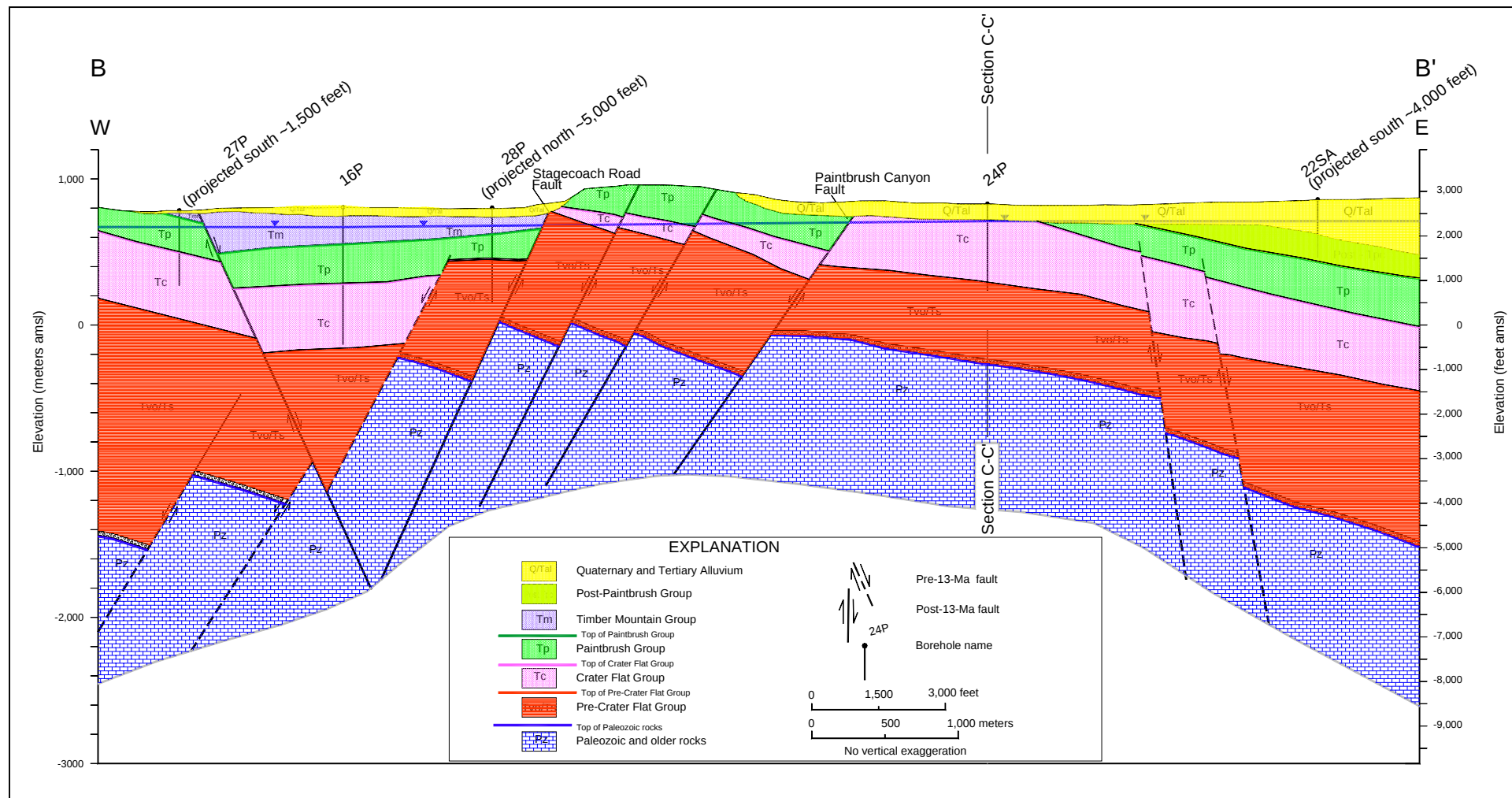


Figure 6.3-2
Conceptual Cross Section B-B'

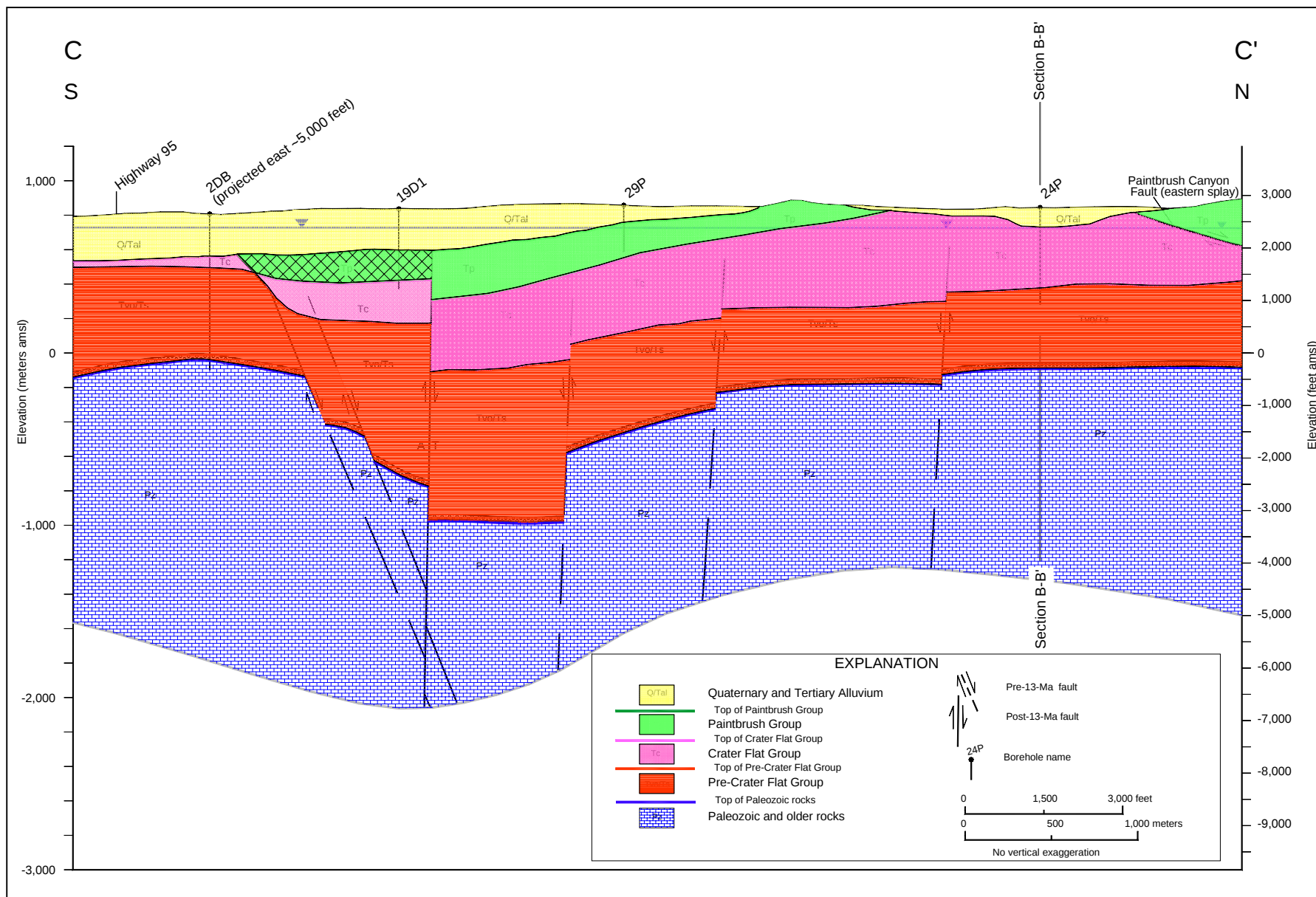


Figure 6.3-3
Conceptual Cross Section C-C'