

Log of Boring No. BRC-SB-02-A

BMI Site - Hydrogeologic Characterization

Henderson, Nevada



Drilling Method: Mud Rotary
Drilling Equipment: Gefco 15K
Drilling Contractor: Water Development Corporation
Driller: Steve Odom

Borehole Total Depth: 400 ft bgs
Borehole Diameter: 10 in
Boring Location: Location 2 (Well ID: MCF-02A)
Depth to Water (ft. bgs): NM

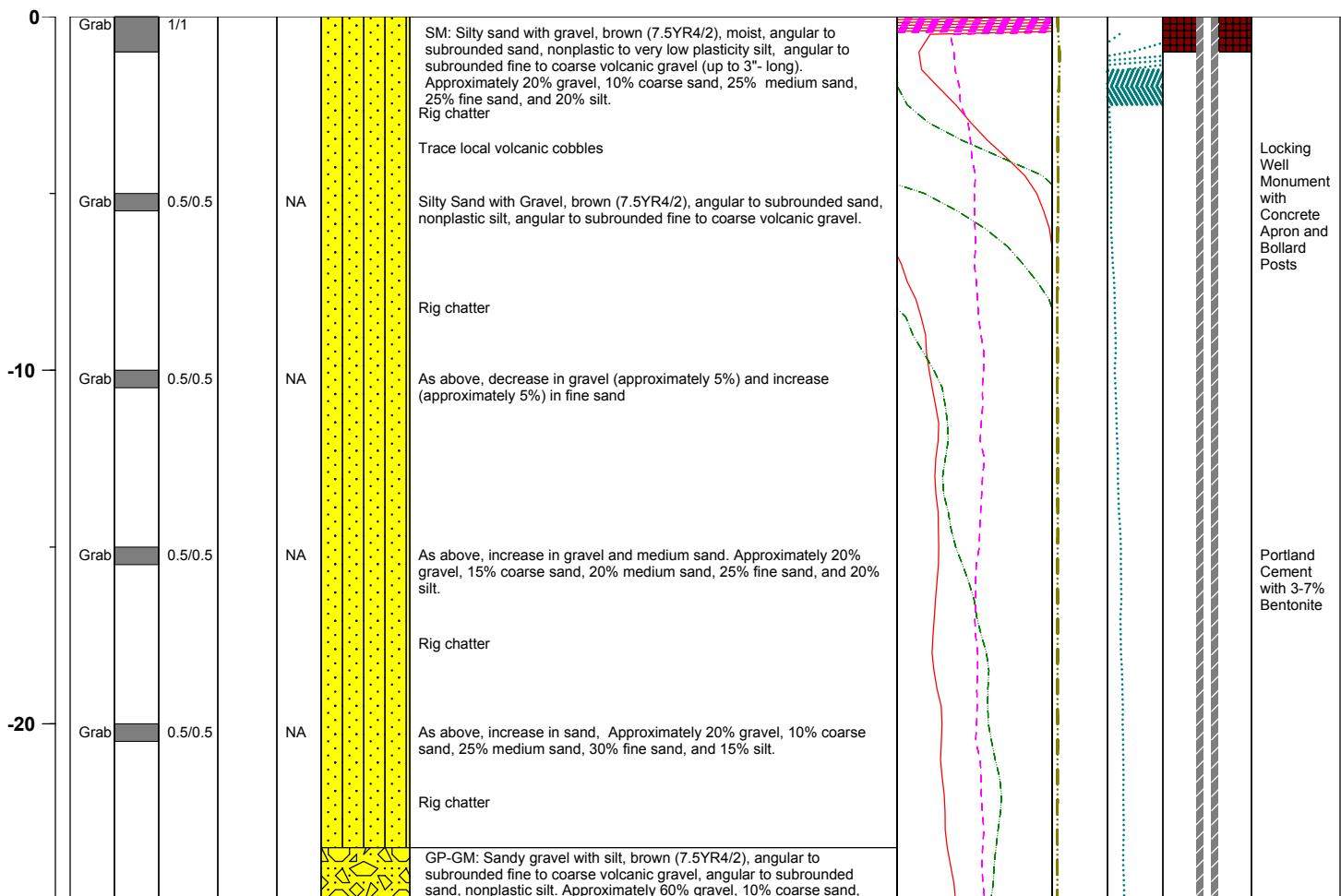
Sample Type: Grab/Soil Cuttings
Sample Interval: Varied

Logged By: Adam Norris
Date Started: 2/25/04
Date Completed: 3/2/04

Monitoring Well Construction

Type of Surface Seal: Bentonite-cement
Blank Casing Type/Size: 4" ID Sch 80 PVC
Screen Type/Size: 4" ID Sch 80 PVC
Transition Sand Type: #1C
Screen Slot Size: 0.010 in
Top of Screen (ft. bgs): 360 ft bgs
Bottom of Screen (ft. bgs): 380 ft bgs
Type of Sand Pack: # 10 x 20

Depth Elevation (BGS)	Sample Type	Sample Interval	Sample Recovery	Sample Retained for Analysis	PID	Lithology	Soil Description	Geophysical Data			Well Construction	
								E-Log		Caliper Log (inch)		Guard Log (OHM.M)
								16" (OHM)	64" (OHM)			



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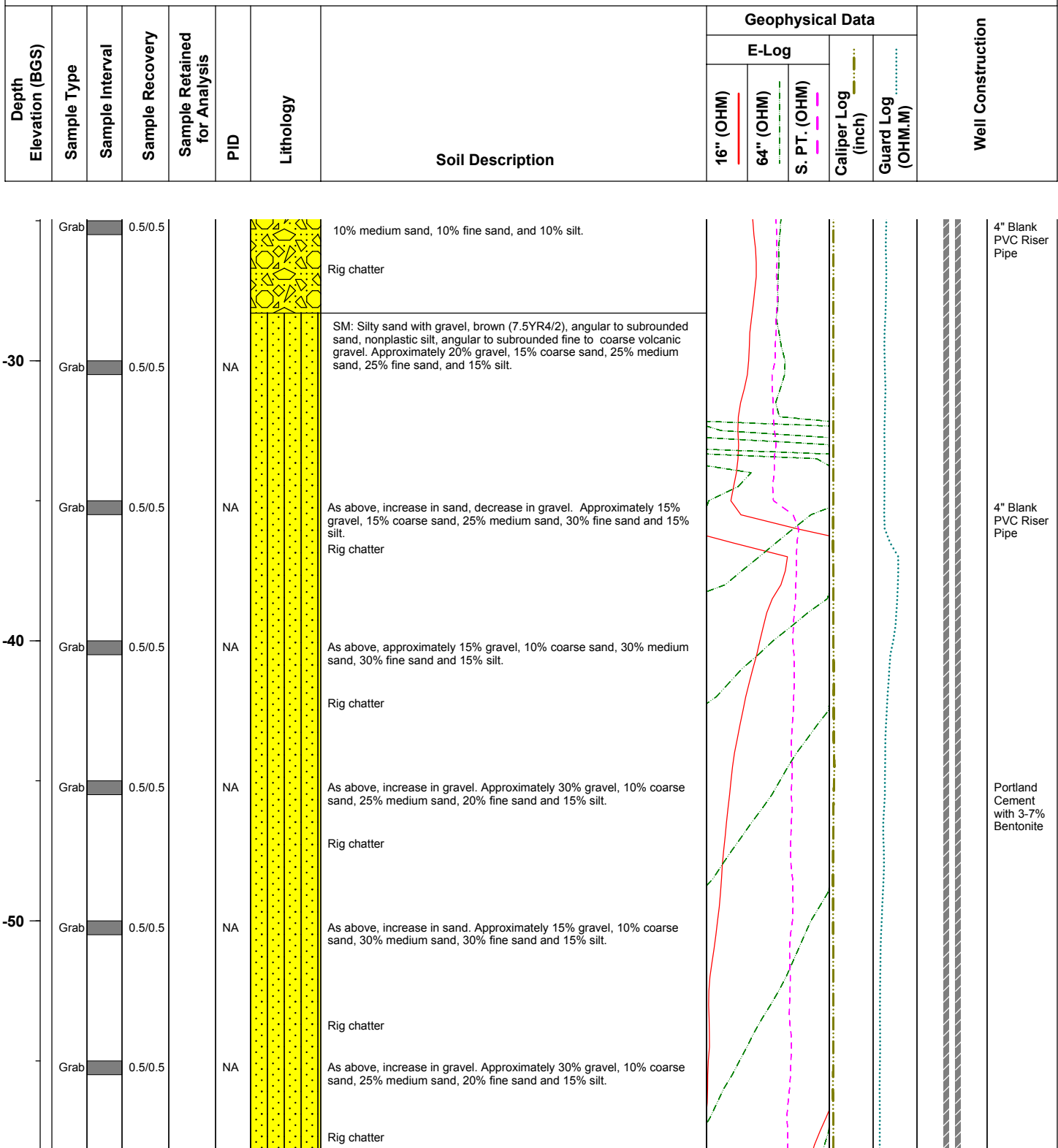


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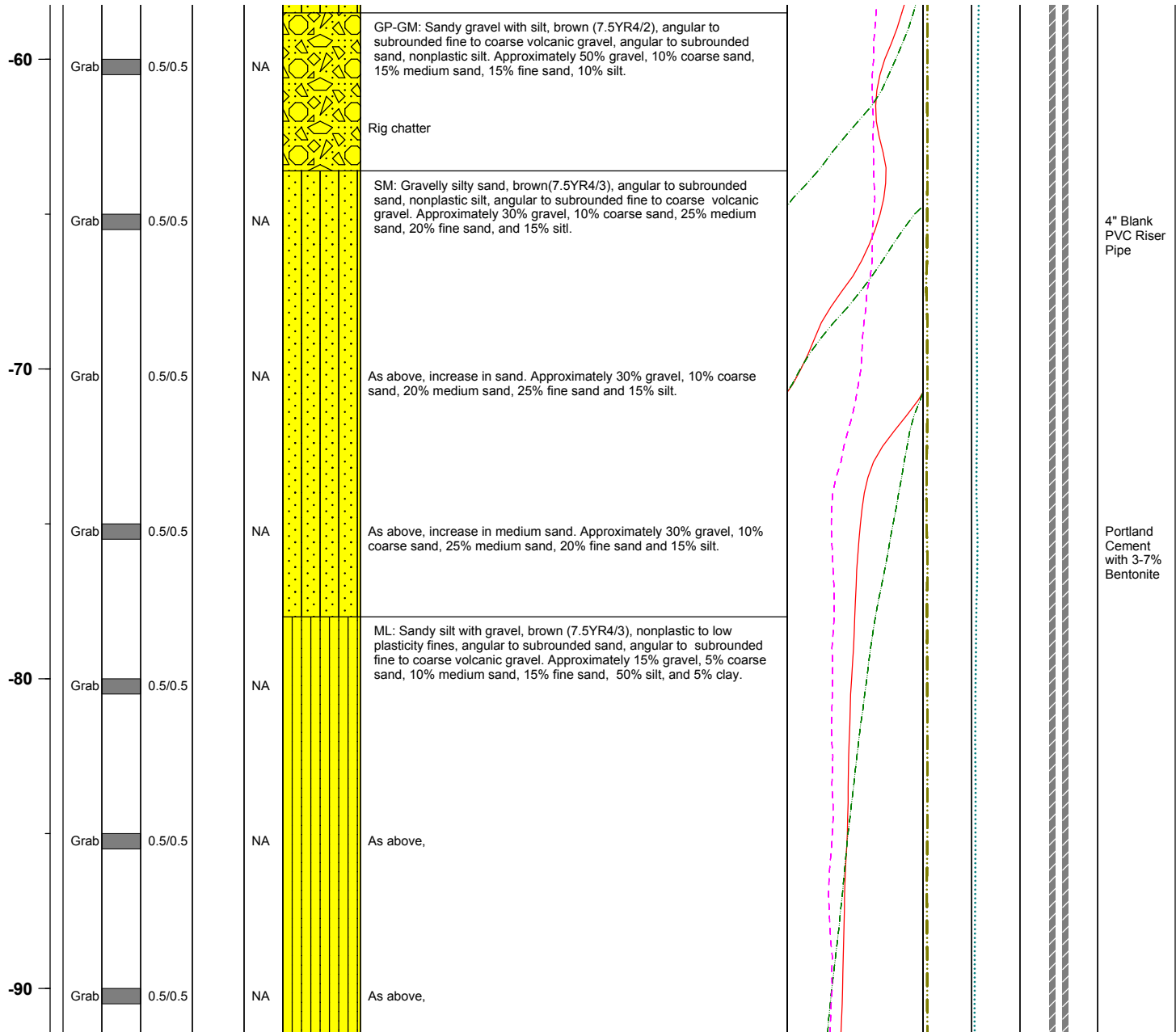
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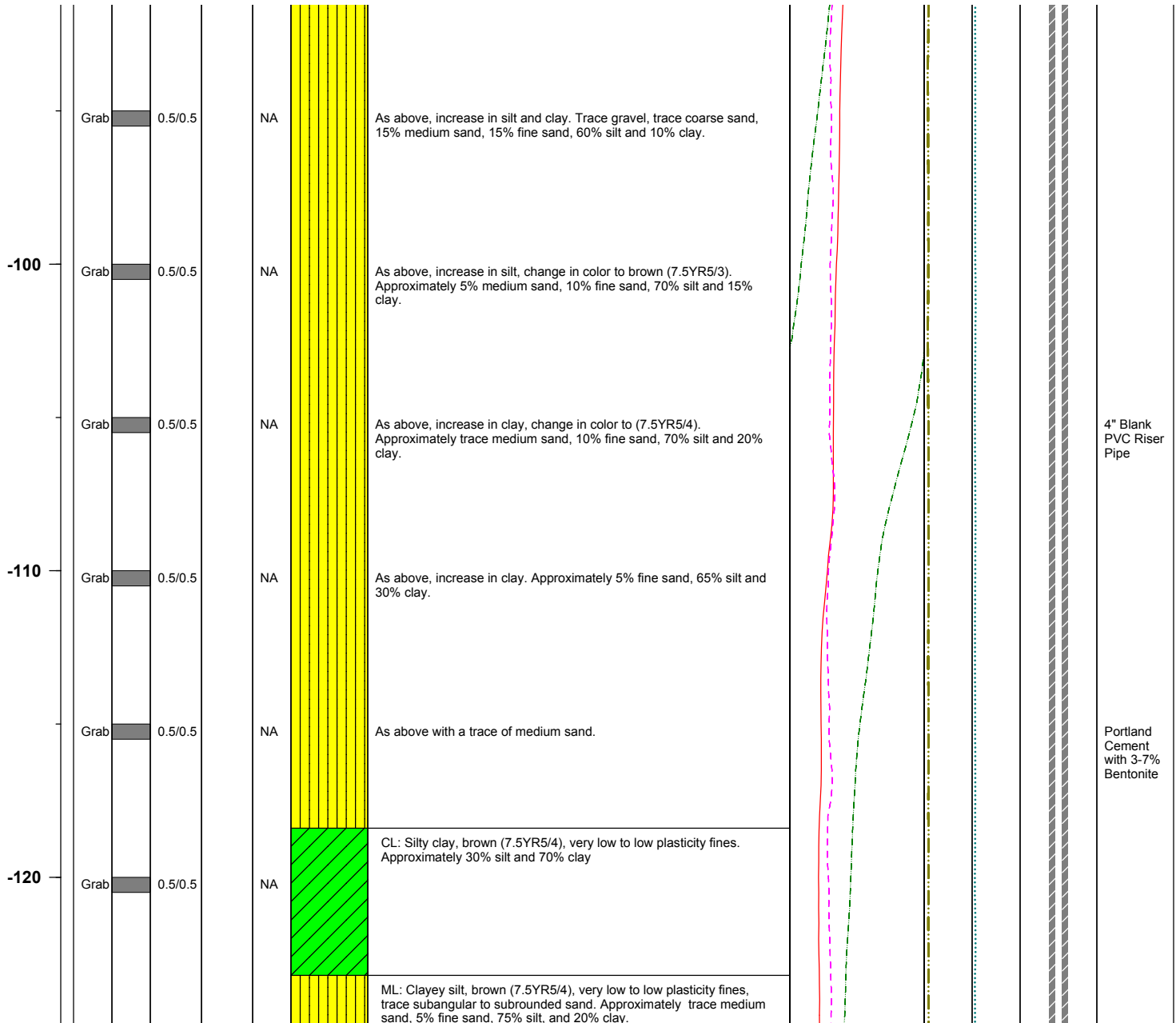
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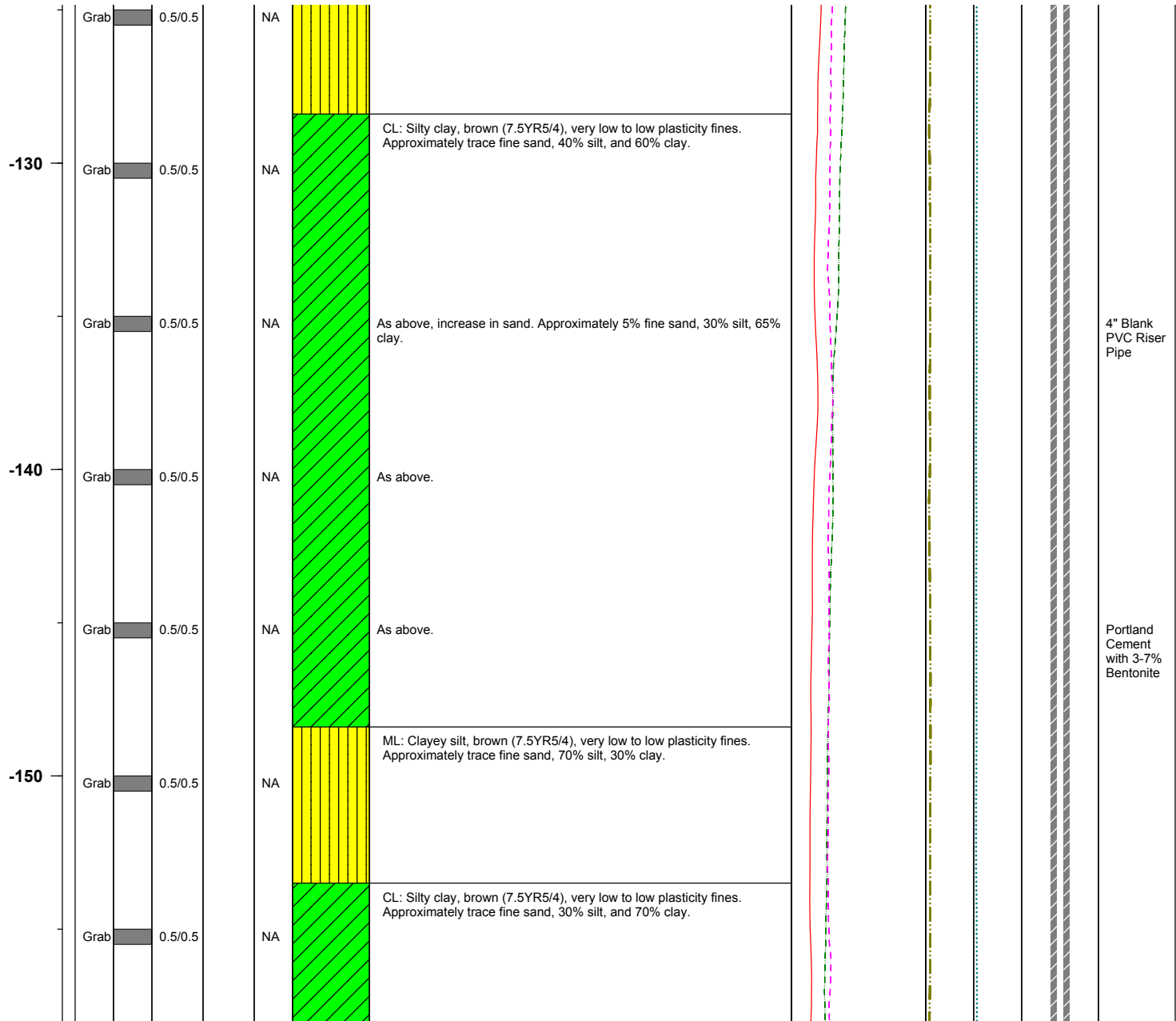
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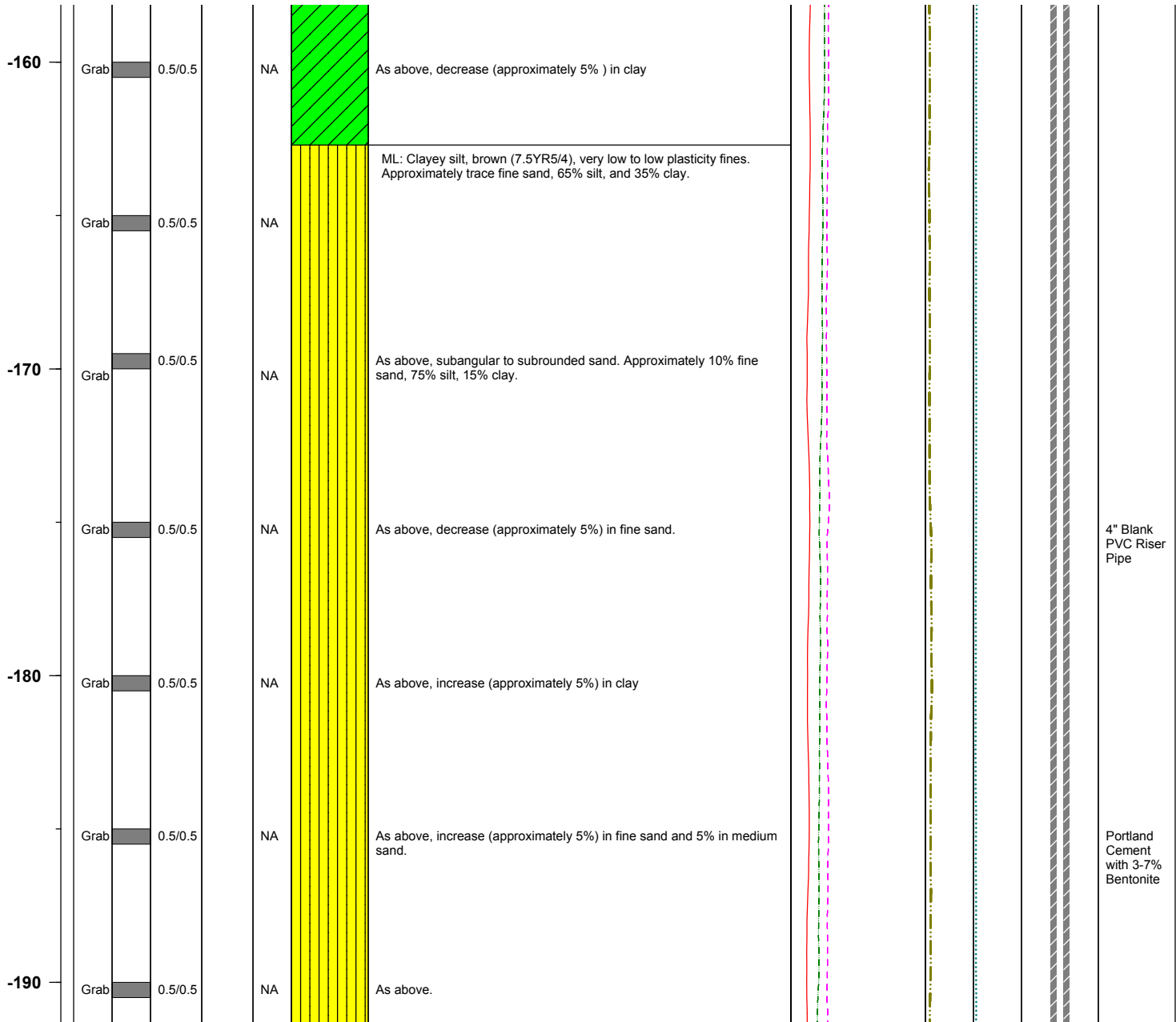
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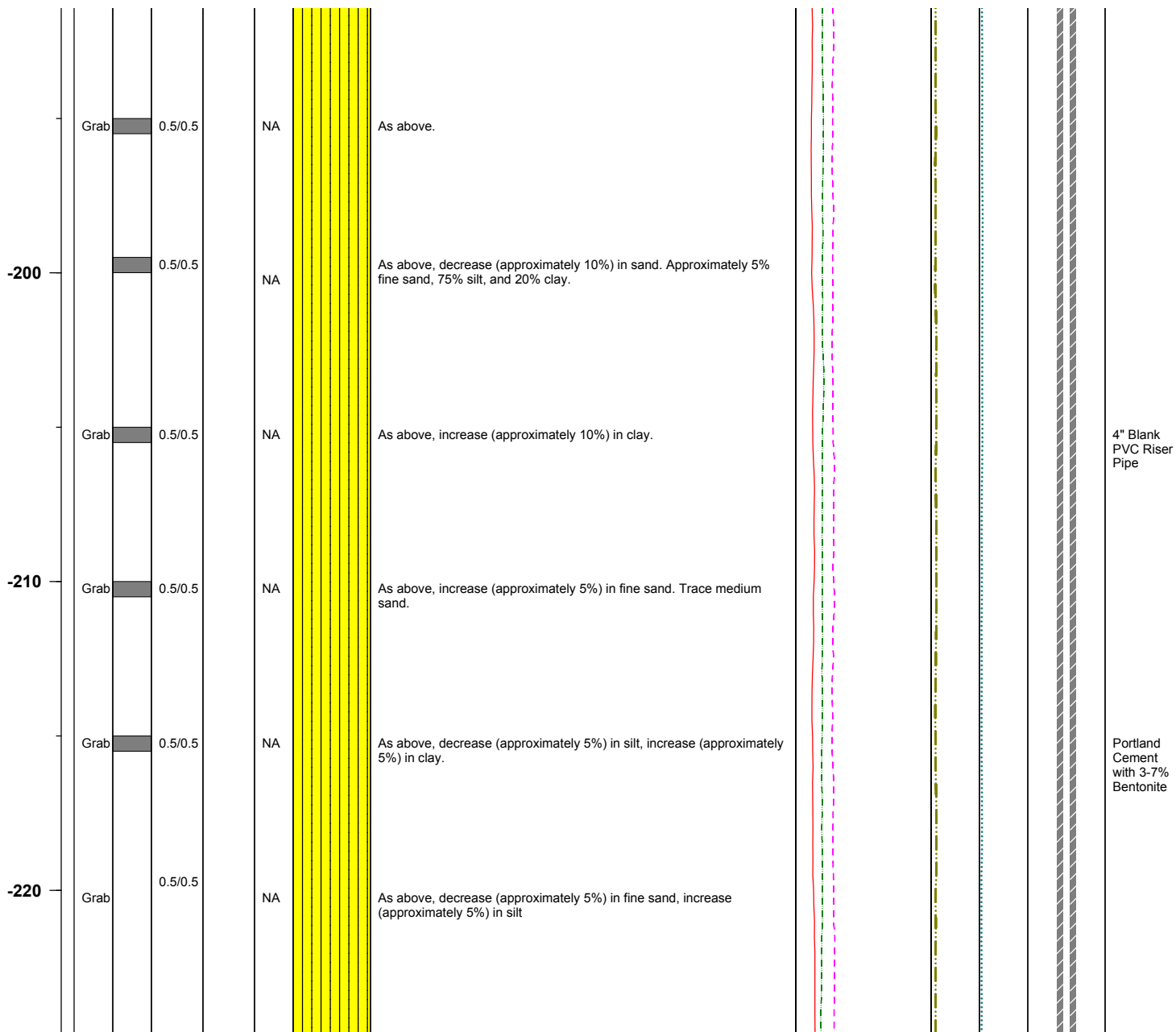
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Soil Description	Depth Elevation (BGS)	Sample Type	Sample Interval	Sample Recovery	Sample Retained for Analysis	PID	Lithology	Geophysical Data					Well Construction	
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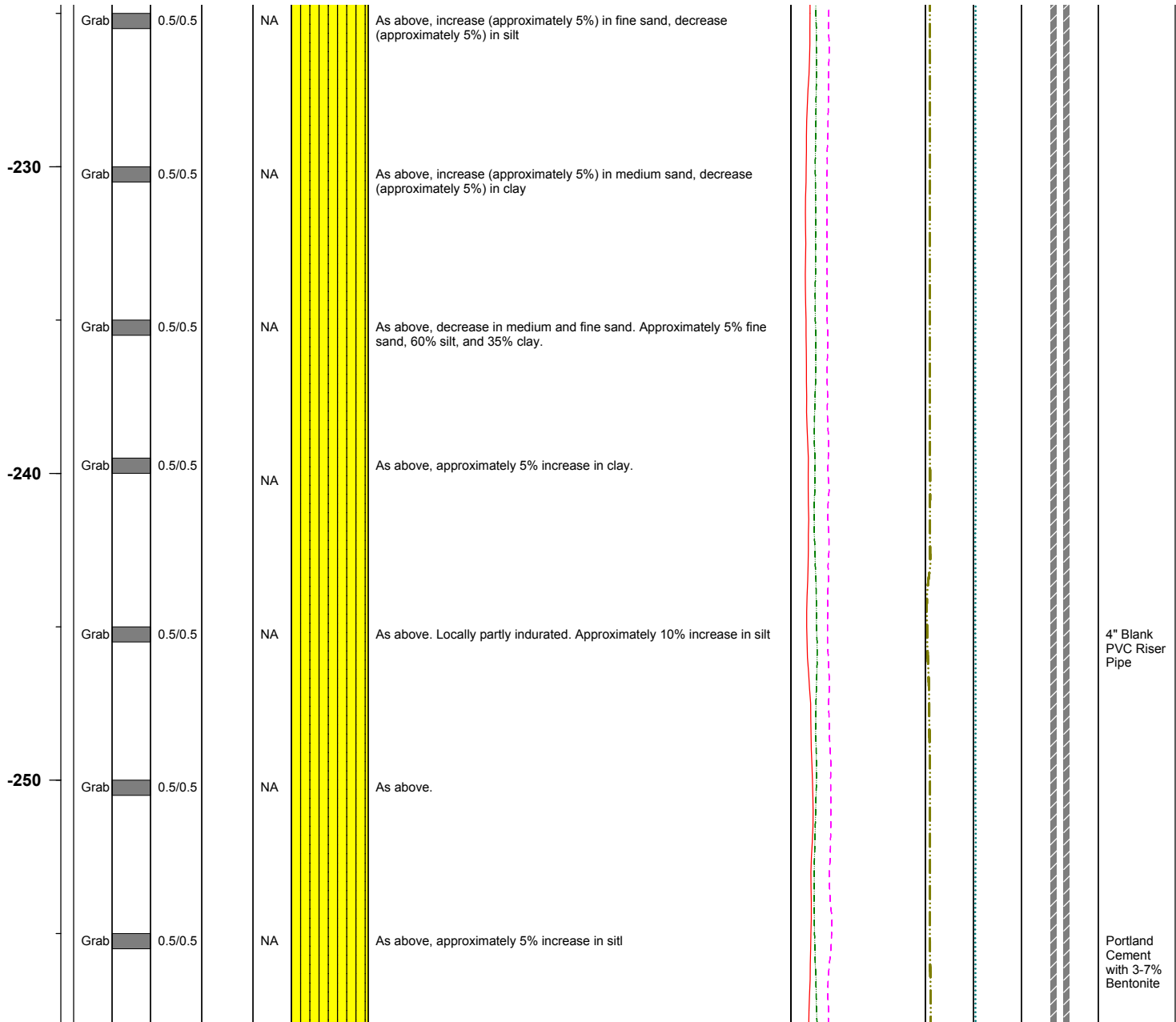
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-260	Grab	0.5/0.5	NA	As above, color change to light gray (10YR7/2)								
	Grab	0.5/0.5	NA	As above, color change to yellowish brown (10YR5/4). Increase (approximately 5%) in medium sand.								
-270	Grab	0.5/0.5	NA	As above, decrease in medium sand to trace. Increase (approximately 5%) in silt.								
	Grab	0.5/0.5	NA	As above.								4" Blank PVC Riser Pipe
-280	Grab	0.5/0.5	NA	As above, decrease (approximately 5%) in fine sand. Increase (approximately 5%) in silt.								
	Grab	0.5/0.5	NA	As above.								Portland Cement with 3-7% Bentonite
-290	Grab	0.5/0.5	NA	As above, no medium sand.								

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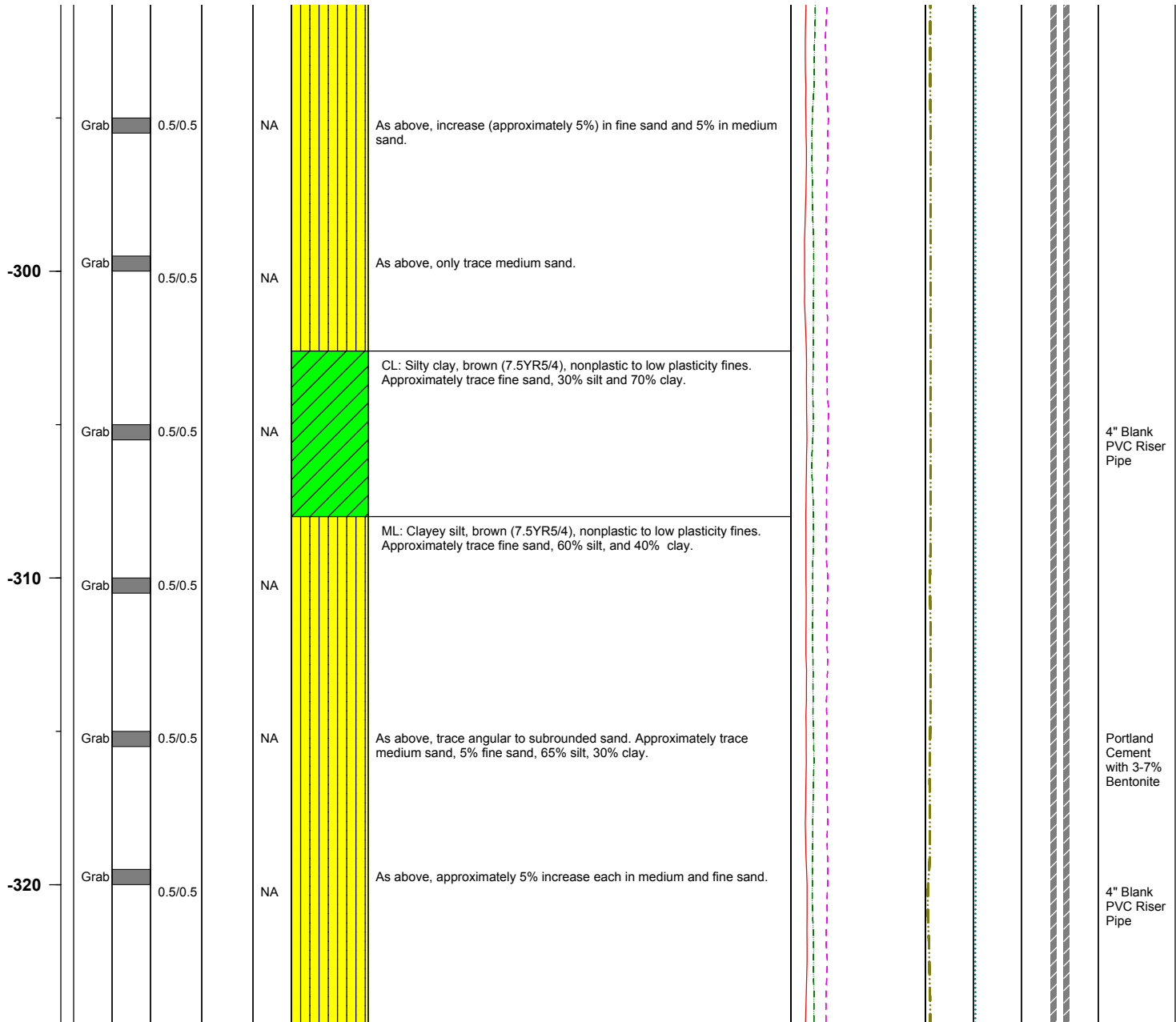
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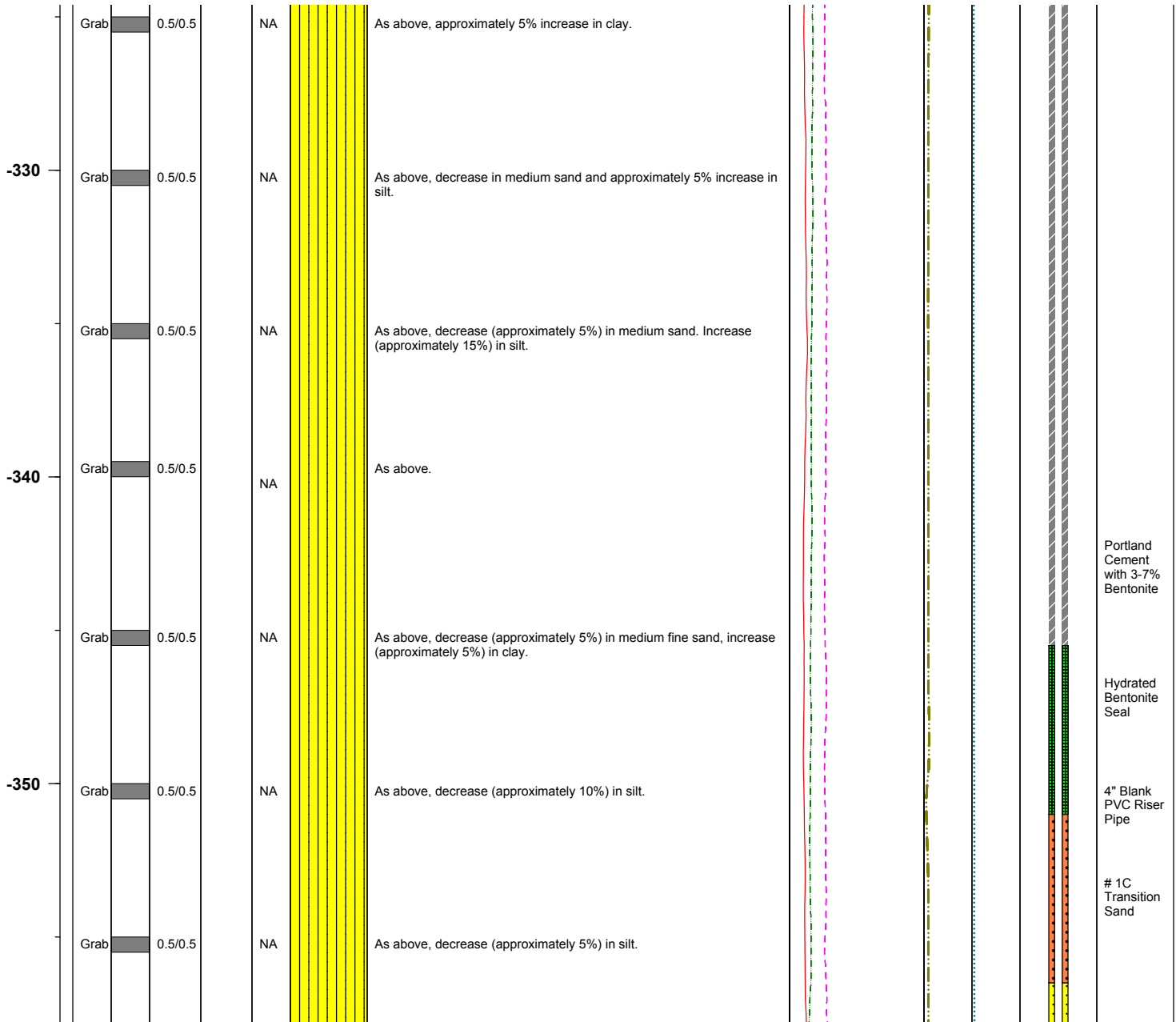
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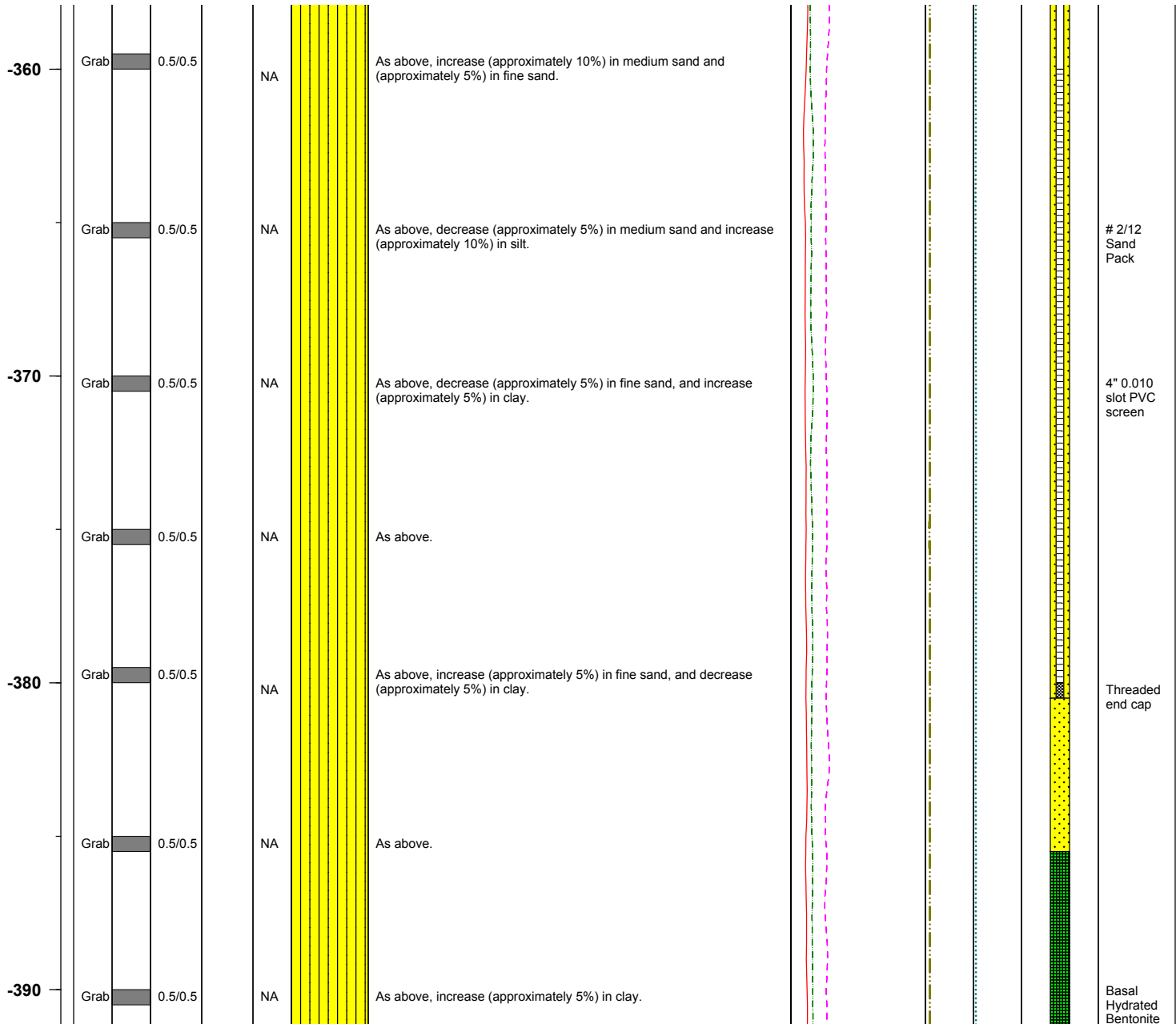
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-400	Grab	0.5/0.5	NA		As above, locally partly indurated. Decrease (approximately 10%) in clay.								Seal
	Grab	1/1			As above, increase (approximately 5%) in medium sand and (approximately 10%) in fine sand.								Native Formation Fill

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