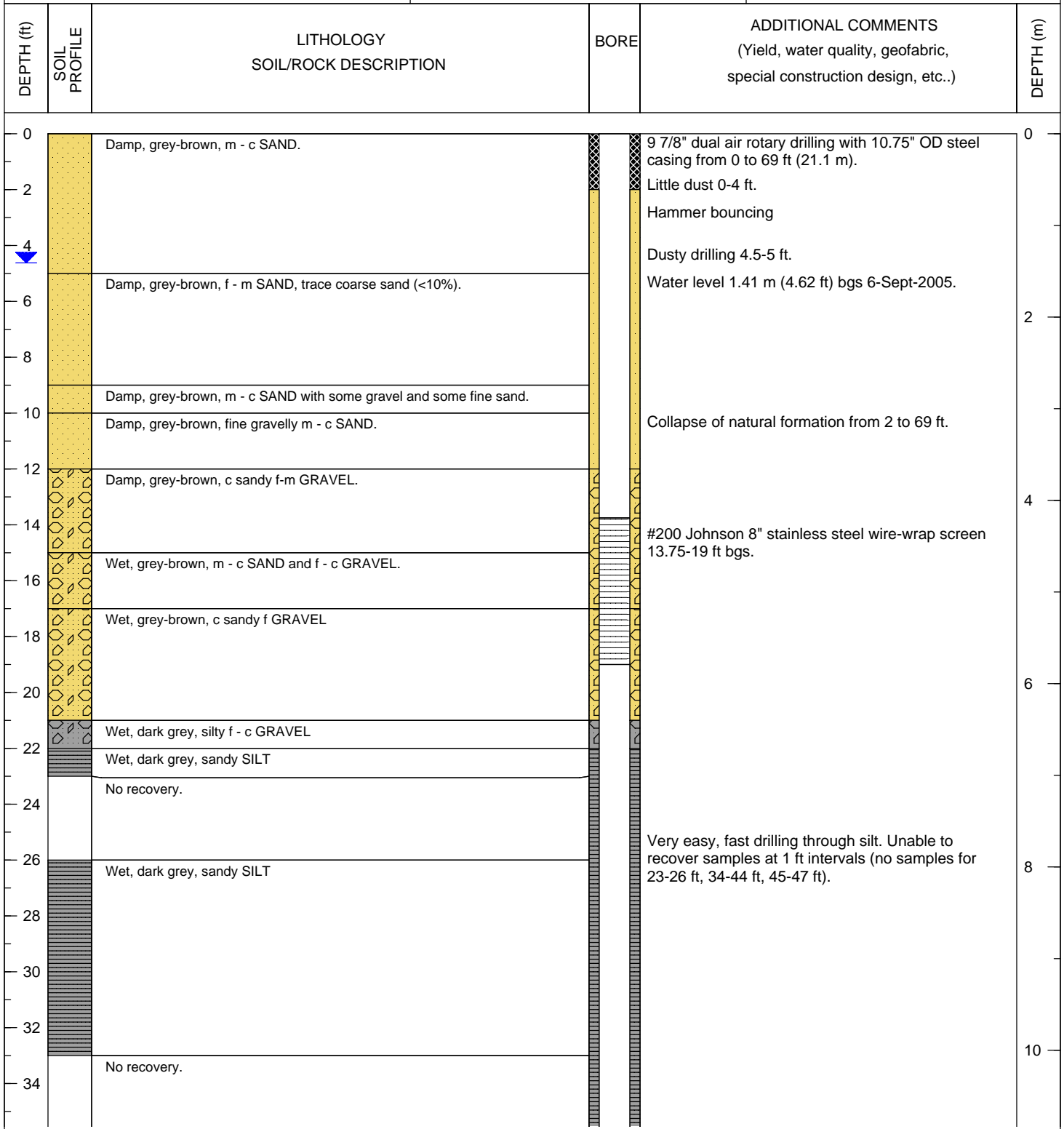


APPENDIX B

Drill Logs & Completion Details for Monitoring Wells and Pumping Wells

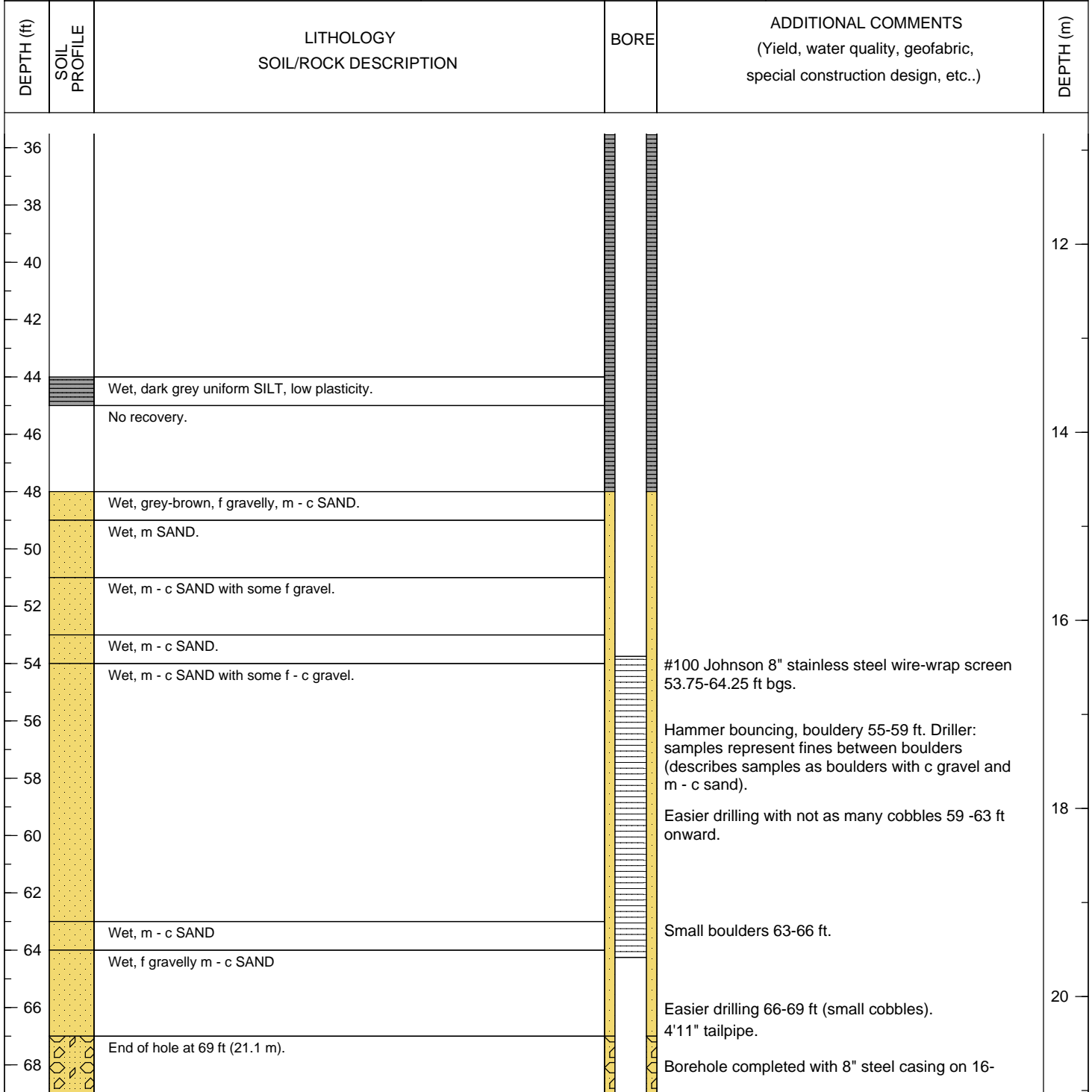
CLIENT NAME: Deloitte & Touche	DRILLER: Cora Lynn / Bill Wiebe	BOREHOLE ID: PW1
PROJECT NAME: Rose Creek GW Interception	METHOD: Dual Air Rotary	LOCATION: Cross Valley Dam
PROJECT NUMBER: 118004	N: 6914285.843 E: 580156.715	TOC ELEVATION (m): 1017.35



STRATIGRAPHY	SILT (ML)	SILTY SAND (SM)	SAND (GRAVELLY) (SW/SP)	SILTY GRAVEL (GM)	GRAVEL (SANDY) (GW/GP)	PEAT	BEDROCK
BACKFILL TYPE	BENTONITE CHIPS (3/8")	BENTONITE SEAL (1/4")	BENTONITE GROUT	SAND FILTER PACK			

 Robertson GeoConsultants Inc. Mining, Geotechnical and Environmental Engineers	LOGGED/SUPERVISED BY: Laura Findlater	TOTAL DEPTH (ft): 69
	REVIEWED BY: Christoph Wels	COMPLETION DEPTH (ft): 69
	DATE COMPLETED: 16-Aug-2005	PAGE 1 OF 2

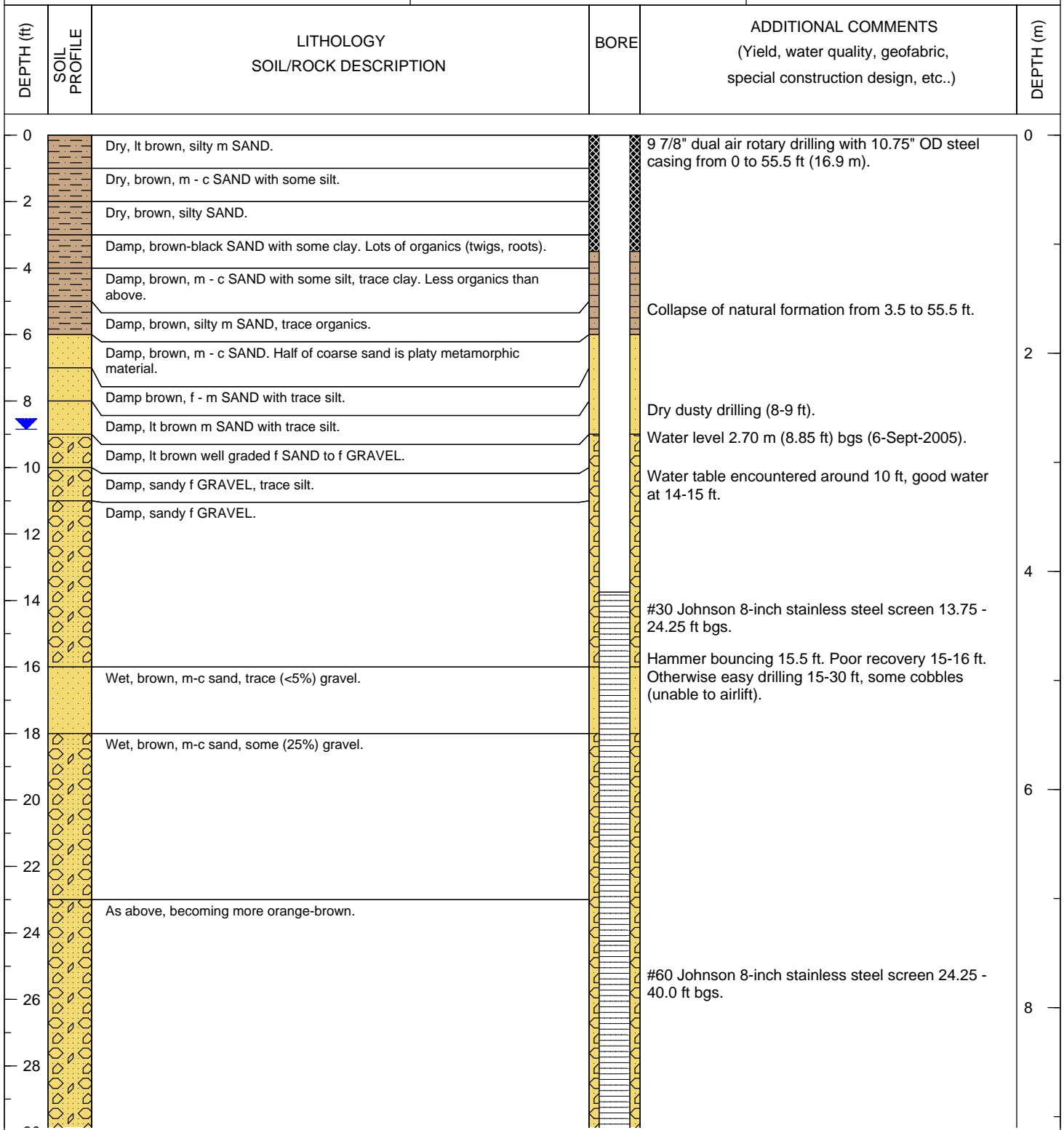
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PROJECT NAME: Rose Creek GW Interception	METHOD: Dual Air Rotary	LOCATION: Cross Valley Dam
PROJECT NUMBER: 118004	N: 6914285.843 E: 580156.715	TOC ELEVATION (m): 1017.35



STRATIGRAPHY	SILT (ML)	SILTY SAND (SM)	SAND (GRAVELLY) (SW/SP)	SILTY GRAVEL (GM)	GRAVEL (SANDY) (GW/GP)	PEAT	BEDROCK
BACKFILL TYPE	BENTONITE CHIPS (3/8")	BENTONITE SEAL (1/4")	BENTONITE GROUT	SAND FILTER PACK			

Robertson GeoConsultants Inc. Mining, Geotechnical and Environmental Engineers	LOGGED/SUPERVISED BY: Laura Findlater	TOTAL DEPTH (ft): 69
	REVIEWED BY: Christoph Wels	COMPLETION DEPTH (ft): 69
	DATE COMPLETED: 16-Aug-2005	PAGE 2 OF 2

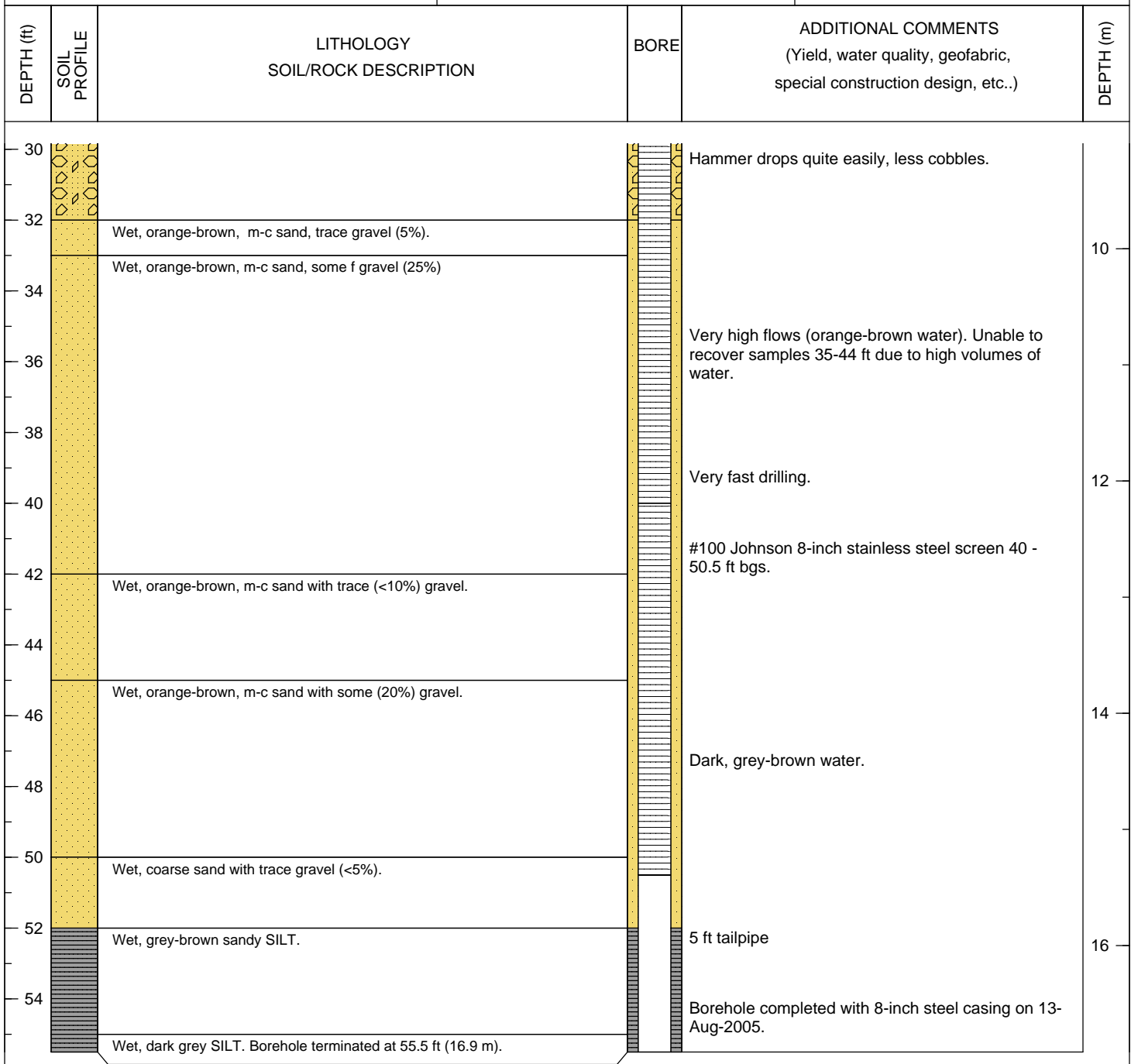
CLIENT NAME: Deloitte & Touche	DRILLER: Cora Lynn / Bill Wiebe	BOREHOLE ID: PW2
PROJECT NAME: Rose Creek GW Interception	METHOD: Dual Air Rotary	LOCATION: Cross Valley Dam
PROJECT NUMBER: 118004	N: 6914195.070 E: 580097.780	TOC ELEVATION (m): 1018.639



STRATIGRAPHY	SILT (ML)	SILTY SAND (SM)	SAND (GRAVELLY) (SW/SP)	SILTY GRAVEL (GM)	GRAVEL (SANDY) (GW/GP)	PEAT	BEDROCK
BACKFILL TYPE	BENTONITE CHIPS (3/8")	BENTONITE SEAL (1/4")	BENTONITE GROUT	SAND FILTER PACK			

 Robertson GeoConsultants Inc. Mining, Geotechnical and Environmental Engineers	LOGGED/SUPERVISED BY: Laura Findlater	TOTAL DEPTH (ft): 55.5
	REVIEWED BY: Christoph Wels	COMPLETION DEPTH (ft): 55.5
	DATE COMPLETED: 13-Aug-2005	PAGE 1 OF 2

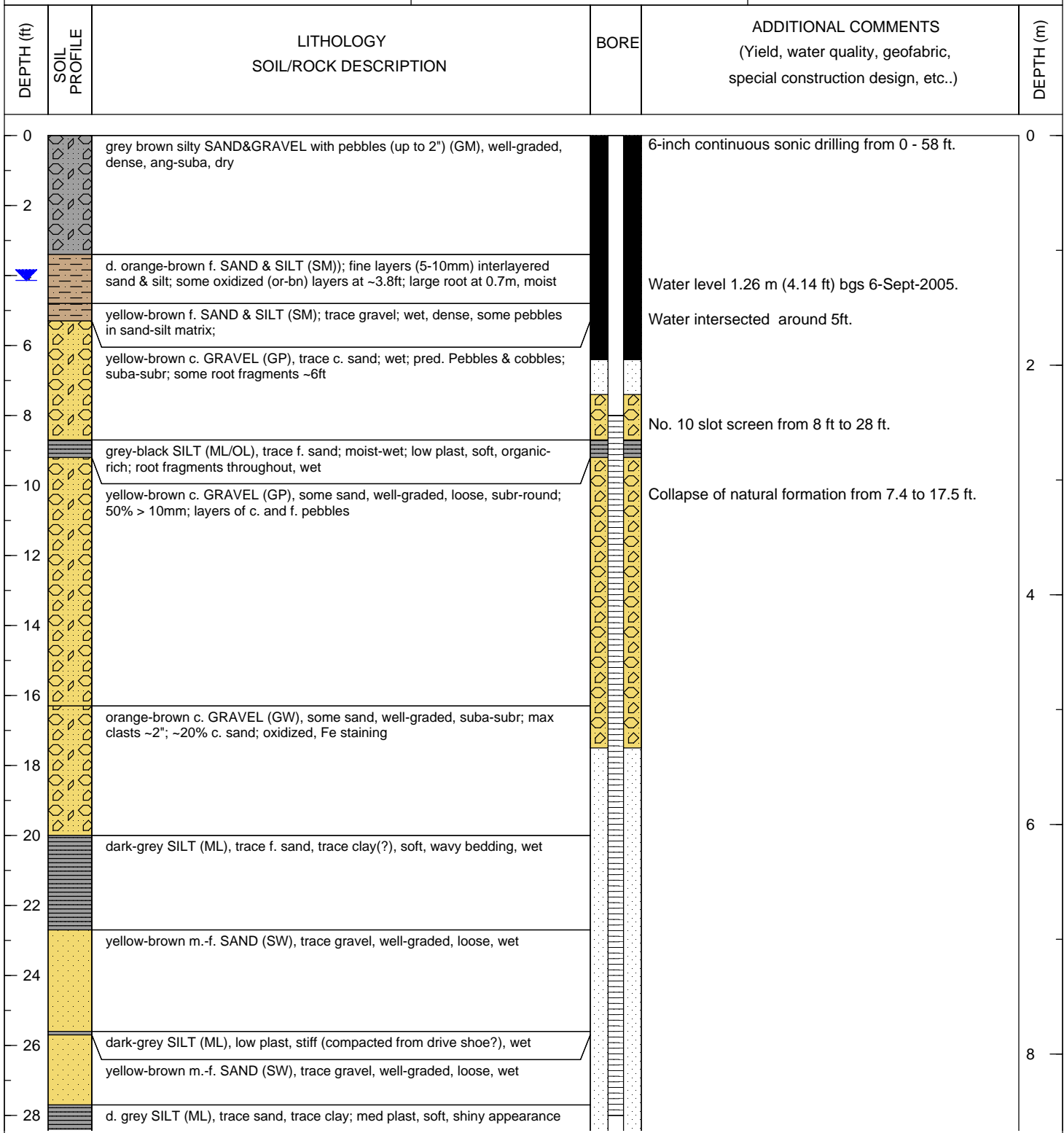
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PROJECT NAME: Rose Creek GW Interception	METHOD: Dual Air Rotary	LOCATION: Cross Valley Dam
PROJECT NUMBER: 118004	N: 6914195.070 E: 580097.780	TOC ELEVATION (m): 1018.639



STRATIGRAPHY	SILT (ML)	SILTY SAND (SM)	SAND (GRAVELLY) (SW/SP)	SILTY GRAVEL (GM)	GRAVEL (SANDY) (GW/GP)	PEAT	BEDROCK
BACKFILL TYPE	BENTONITE CHIPS (3/8")	BENTONITE SEAL (1/4")	BENTONITE GROUT	SAND FILTER PACK			

	LOGGED/SUPERVISED BY: Laura Findlater	TOTAL DEPTH (ft): 55.5
	REVIEWED BY: Christoph Wels	COMPLETION DEPTH (ft): 55.5
	DATE COMPLETED: 13-Aug-2005	PAGE 2 OF 2

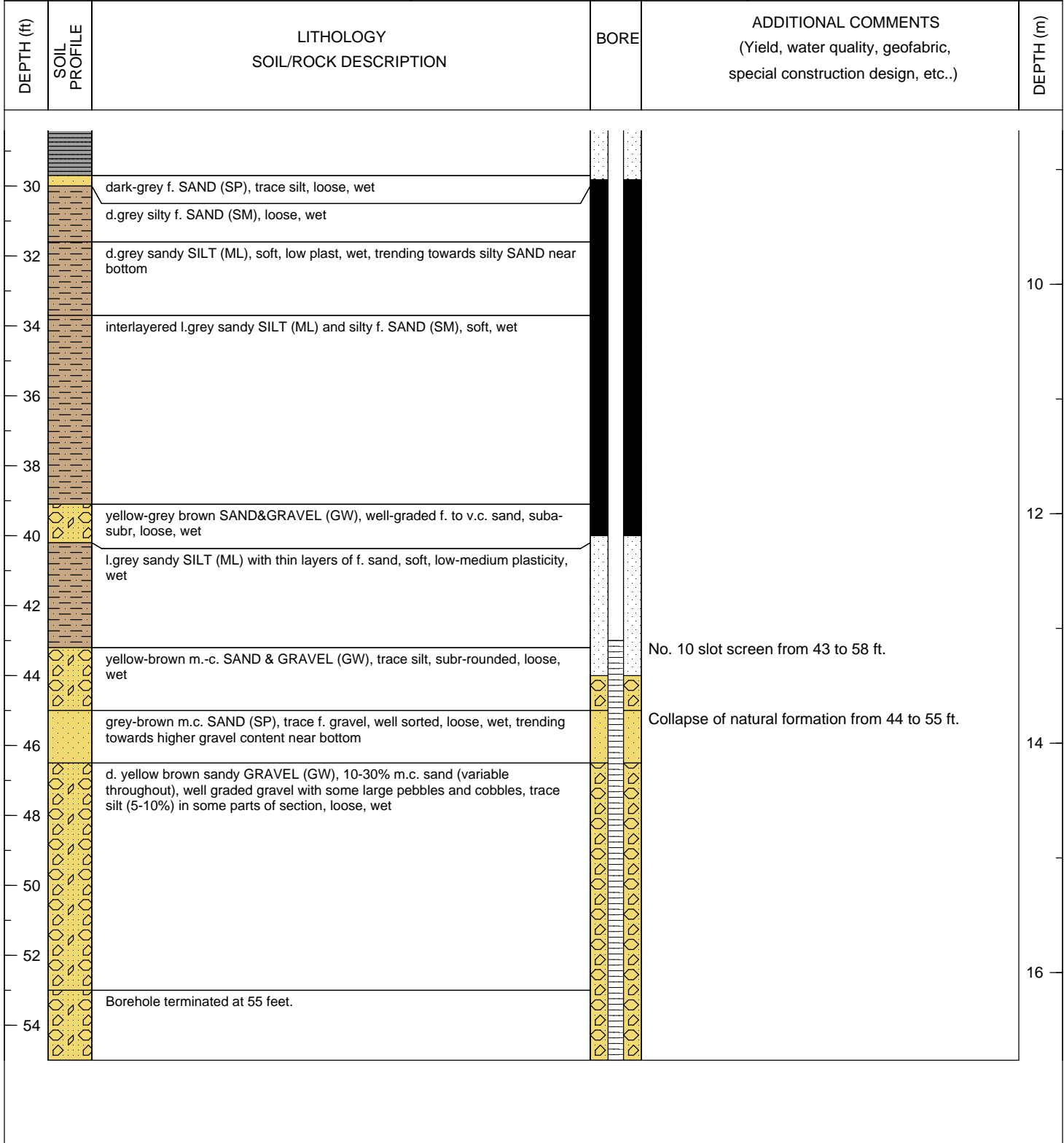
CLIENT NAME: Deloitte & Touche	DRILLER: SDS Drilling	BOREHOLE ID: MW1
PROJECT NAME: Rose Creek GW Interception	METHOD: Sonic	LOCATION: Cross Valley Dam
PROJECT NUMBER: 118004	N: 6914282.377	E: 580153.476
		TOC ELEVATION (m): 1016.964



STRATIGRAPHY	SILT (ML)	SILTY SAND (SM)	SAND (GRAVELLY) (SW/SP)	SILTY GRAVEL (GM)	GRAVEL (SANDY) (GW/GP)	PEAT	BEDROCK
BACKFILL TYPE	BENTONITE CHIPS (3/8")	BENTONITE SEAL (1/4")	BENTONITE GROUT	SAND FILTER PACK			

 Robertson GeoConsultants Inc. Mining, Geotechnical and Environmental Engineers	LOGGED/SUPERVISED BY: Christoph Wels	TOTAL DEPTH (ft): 55
	REVIEWED BY: Christoph Wels	COMPLETION DEPTH (ft): 55
	DATE COMPLETED: 5-Aug-2005	PAGE 1 OF 2

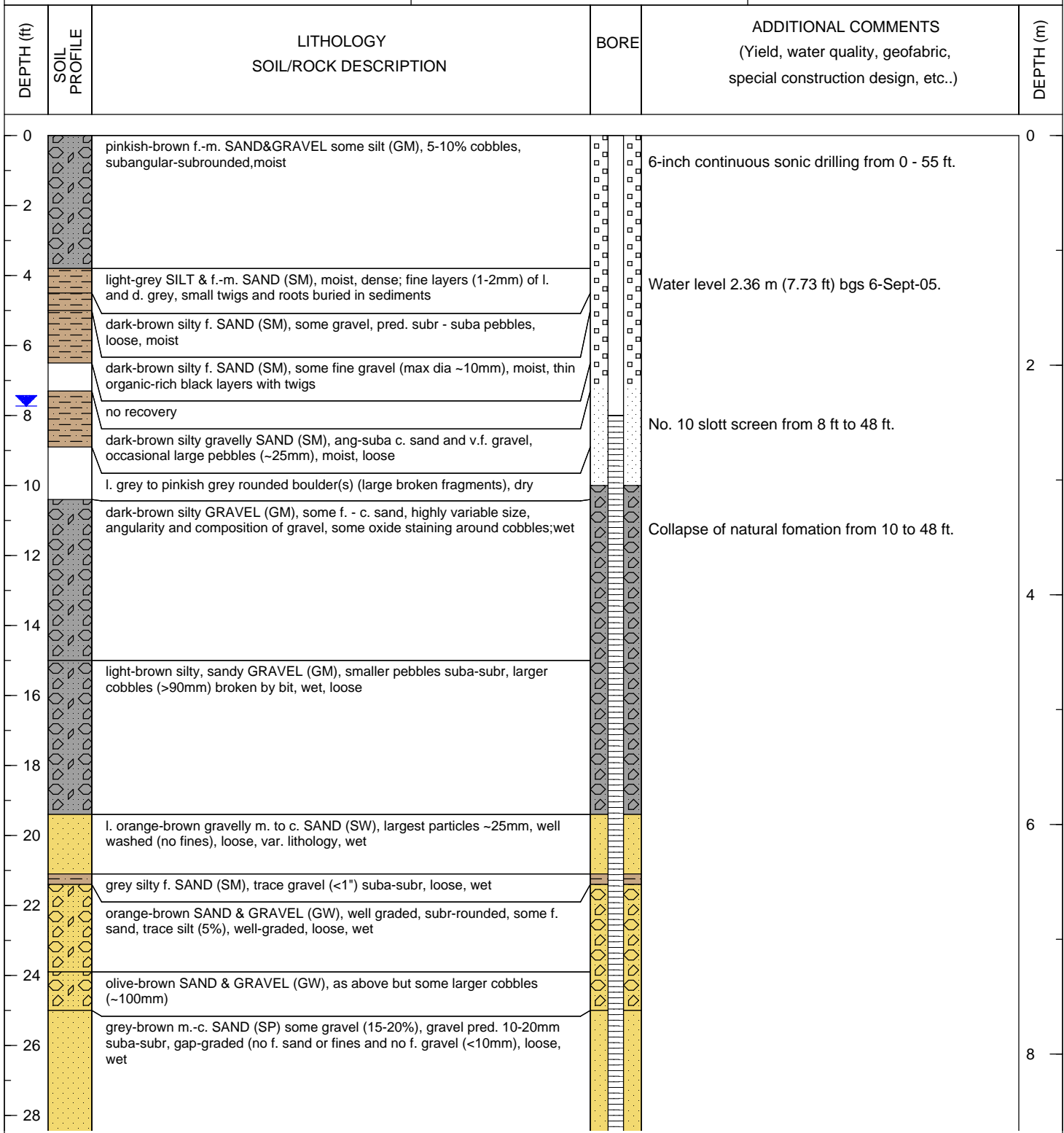
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PROJECT NAME: Rose Creek GW Interception	METHOD: Sonic	LOCATION: Cross Valley Dam
PROJECT NUMBER: 118004	N: 6914282.377 E: 580153.476	TOC ELEVATION (m): 1016.964



STRATIGRAPHY	SILT (ML)	SILTY SAND (SM)	SAND (GRAVELLY) (SW/SP)	SILTY GRAVEL (GM)	GRAVEL (SANDY) (GW/GP)	PEAT	BEDROCK
BACKFILL TYPE	BENTONITE CHIPS (3/8")	BENTONITE SEAL (1/4")	BENTONITE GROUT	SAND FILTER PACK			

 Robertson GeoConsultants Inc. Mining, Geotechnical and Environmental Engineers	LOGGED/SUPERVISED BY: Christoph Wels	TOTAL DEPTH (ft): 55
	REVIEWED BY: Christoph Wels	COMPLETION DEPTH (ft): 55
	DATE COMPLETED: 5-Aug-2005	PAGE 2 OF 2

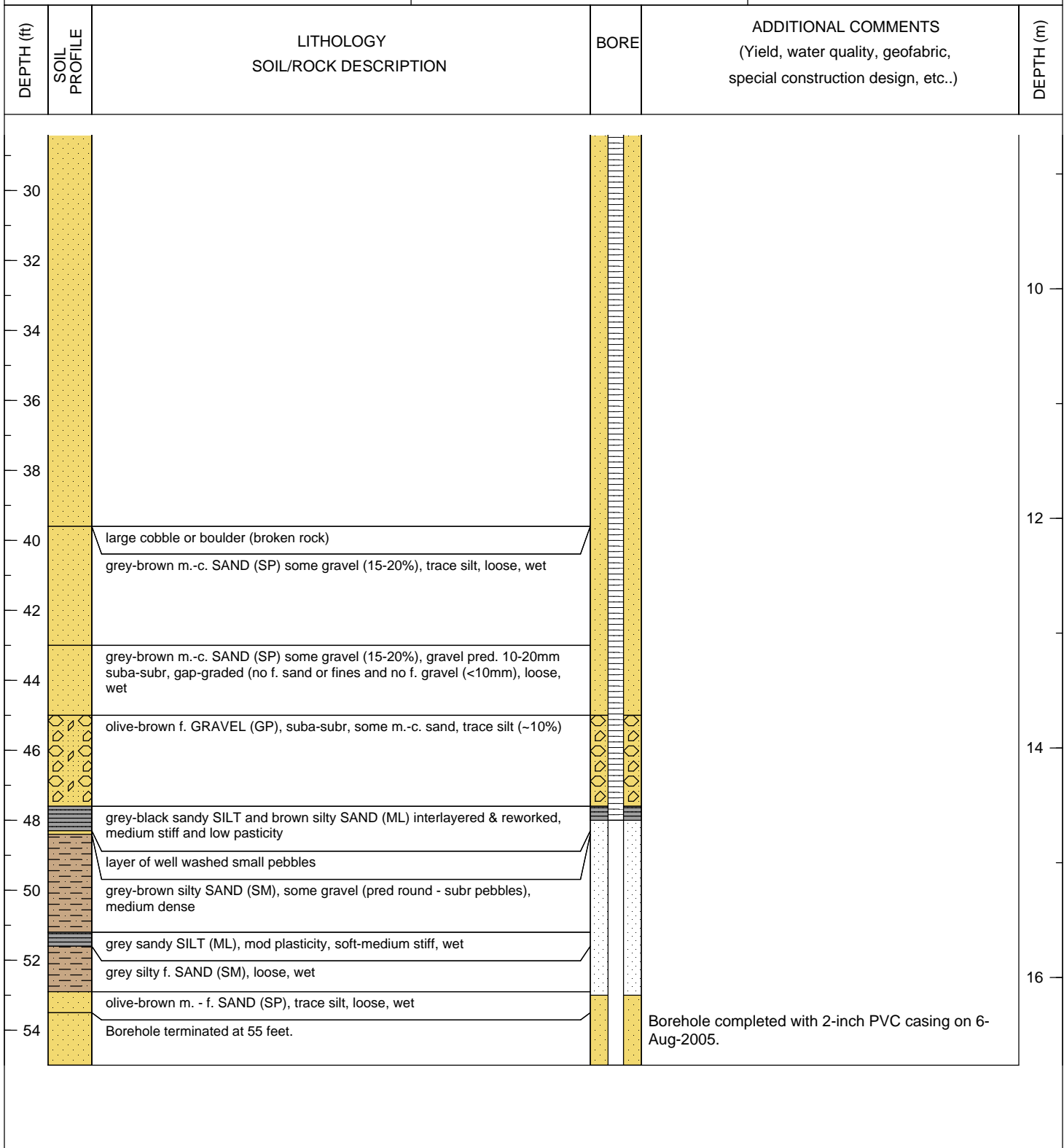
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PROJECT NAME: Rose Creek GW Interception	METHOD: Sonic	LOCATION: Cross Valley Dam
PROJECT NUMBER: 118004	N: 6914200.093	E: 580100.047
		TOC ELEVATION (m): 1018.225



STRATIGRAPHY	SILT (ML)	SILTY SAND (SM)	SAND (GRAVELLY) (SW/SP)	SILTY GRAVEL (GM)	GRAVEL (SANDY) (GW/GP)	PEAT	BEDROCK
BACKFILL TYPE	BENTONITE CHIPS (3/8")	BENTONITE SEAL (1/4")	BENTONITE GROUT	SAND FILTER PACK			

 Robertson GeoConsultants Inc. Mining, Geotechnical and Environmental Engineers	LOGGED/SUPERVISED BY: Christoph Wels	TOTAL DEPTH (ft): 55
	REVIEWED BY: Christoph Wels	COMPLETION DEPTH (ft): 55
	DATE COMPLETED: 6-Aug-2005	PAGE 1 OF 2

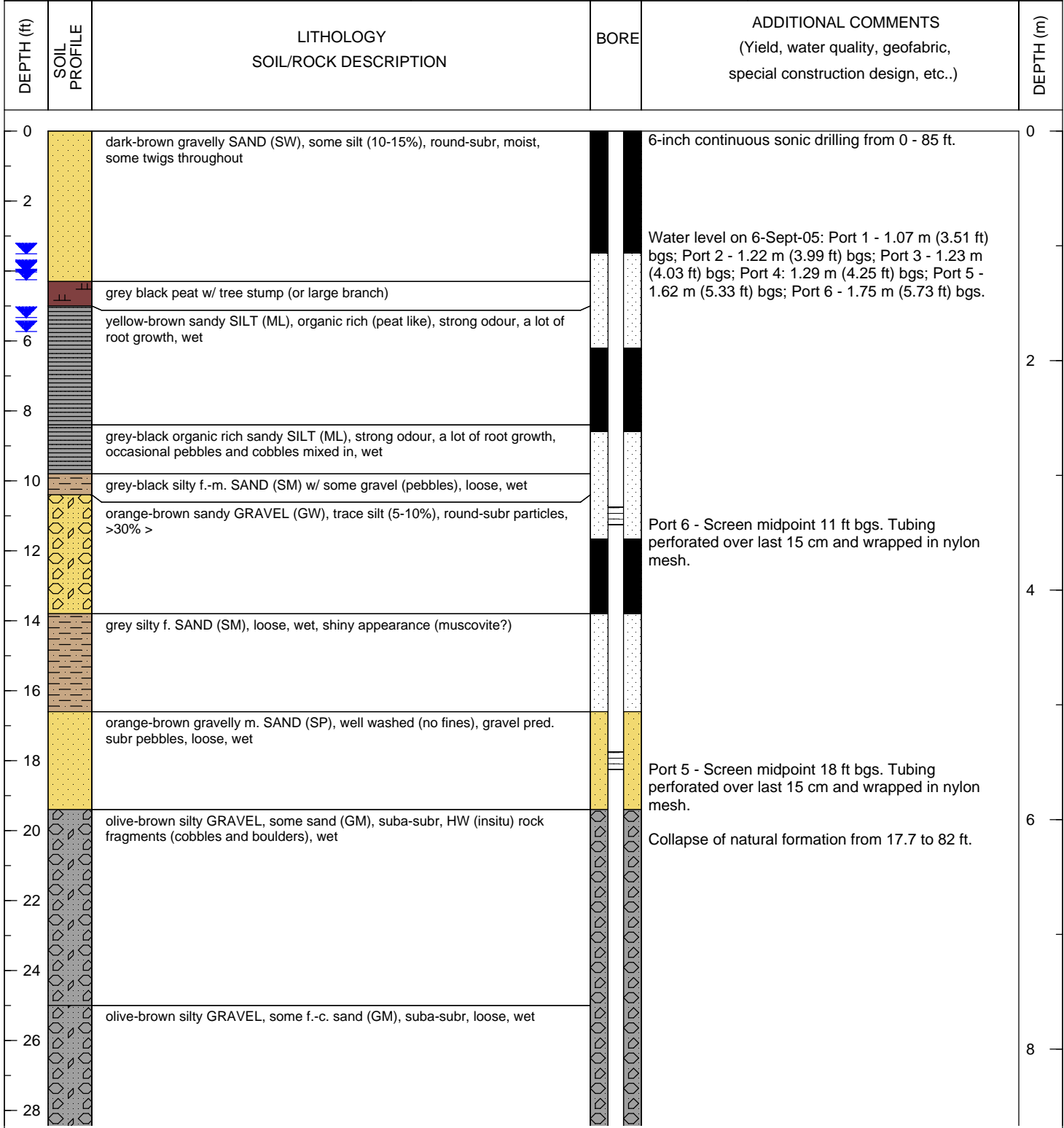
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PROJECT NAME: Rose Creek GW Interception	METHOD: Sonic	LOCATION: Cross Valley Dam
PROJECT NUMBER: 118004	N: 6914200.093 E: 580100.047	TOC ELEVATION (m): 1018.225



STRATIGRAPHY	SILT (ML)	SILTY SAND (SM)	SAND (GRAVELLY) (SW/SP)	SILTY GRAVEL (GM)	GRAVEL (SANDY) (GW/GP)	PEAT	BEDROCK
BACKFILL TYPE	BENTONITE CHIPS (3/8")	BENTONITE SEAL (1/4")	BENTONITE GROUT	SAND FILTER PACK			

Robertson GeoConsultants Inc. Mining, Geotechnical and Environmental Engineers	LOGGED/SUPERVISED BY: Christoph Wels	TOTAL DEPTH (ft): 55
	REVIEWED BY: Christoph Wels	COMPLETION DEPTH (ft): 55
	DATE COMPLETED: 6-Aug-2005	PAGE 2 OF 2

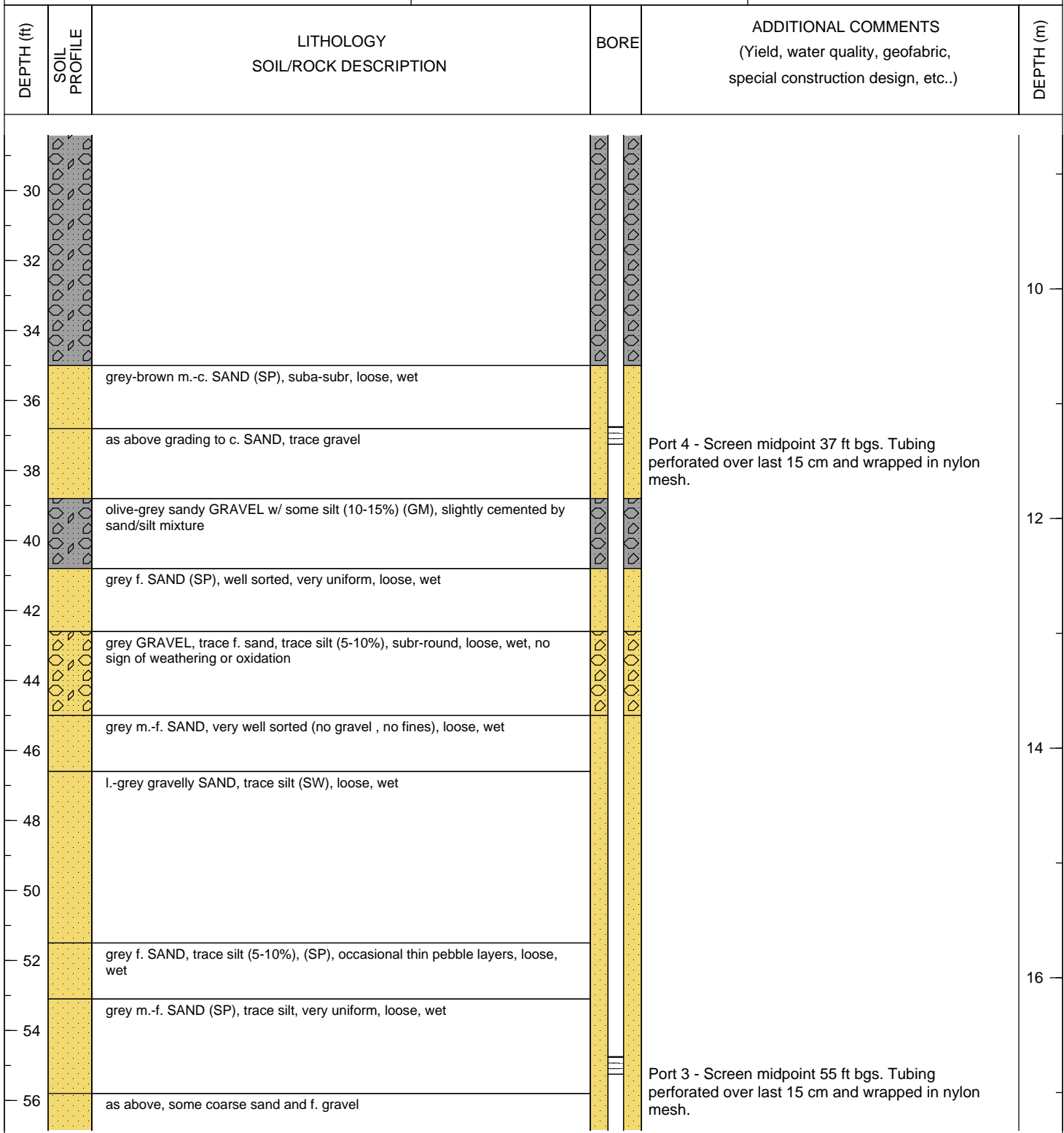
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PROJECT NAME: Rose Creek GW Interception	METHOD: Sonic	LOCATION: Cross Valley Dam
PROJECT NUMBER: 118004	N: 6914334.946 E: 580165.032	TOC ELEVATION (m): 1017.989



STRATIGRAPHY	SILT (ML)	SILTY SAND (SM)	SAND (GRAVELLY) (SW/SP)	SILTY GRAVEL (GM)	GRAVEL (SANDY) (GW/GP)	PEAT	BEDROCK
BACKFILL TYPE	BENTONITE CHIPS (3/8")	BENTONITE SEAL (1/4")	BENTONITE GROUT	SAND FILTER PACK			

 Robertson GeoConsultants Inc. Mining, Geotechnical and Environmental Engineers	LOGGED/SUPERVISED BY: Christoph Wels	TOTAL DEPTH (ft): 85
	REVIEWED BY: Christoph Wels	COMPLETION DEPTH (ft): 83
	DATE COMPLETED: 7-Aug-2005	PAGE 1 OF 3

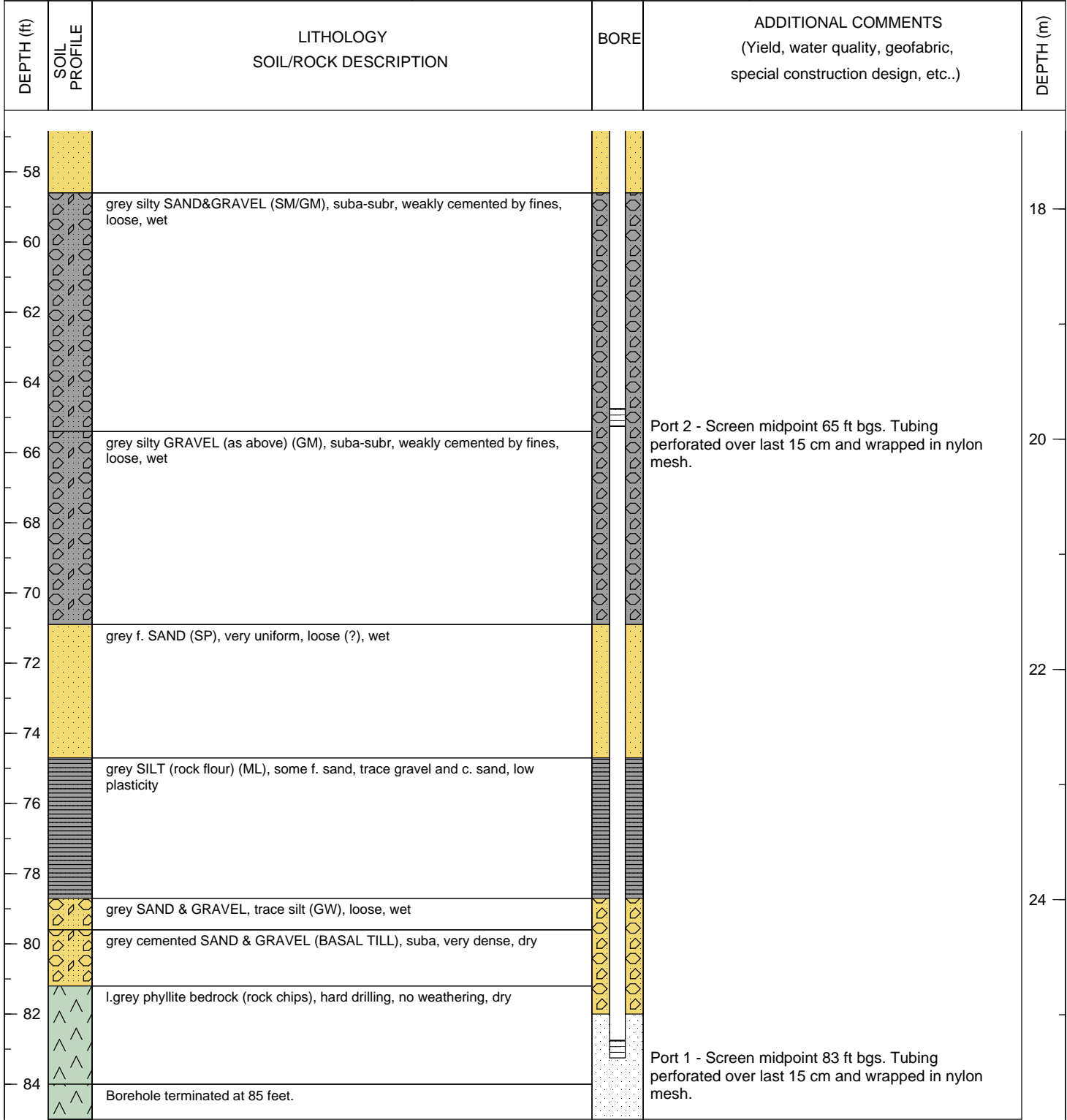
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PROJECT NAME: Rose Creek GW Interception	METHOD: Sonic	LOCATION: Cross Valley Dam
PROJECT NUMBER: 118004	N: 6914334.946 E: 580165.032	TOC ELEVATION (m): 1017.989



STRATIGRAPHY	SILT (ML)	SILTY SAND (SM)	SAND (GRAVELLY) (SW/SP)	SILTY GRAVEL (GM)	GRAVEL (SANDY) (GW/GP)	PEAT	BEDROCK
BACKFILL TYPE	BENTONITE CHIPS (3/8")	BENTONITE SEAL (1/4")	BENTONITE GROUT	SAND FILTER PACK			

 Robertson GeoConsultants Inc. Mining, Geotechnical and Environmental Engineers	LOGGED/SUPERVISED BY: Christoph Wels	TOTAL DEPTH (ft): 85
	REVIEWED BY: Christoph Wels	COMPLETION DEPTH (ft): 83
	DATE COMPLETED: 7-Aug-2005	PAGE 2 OF 3

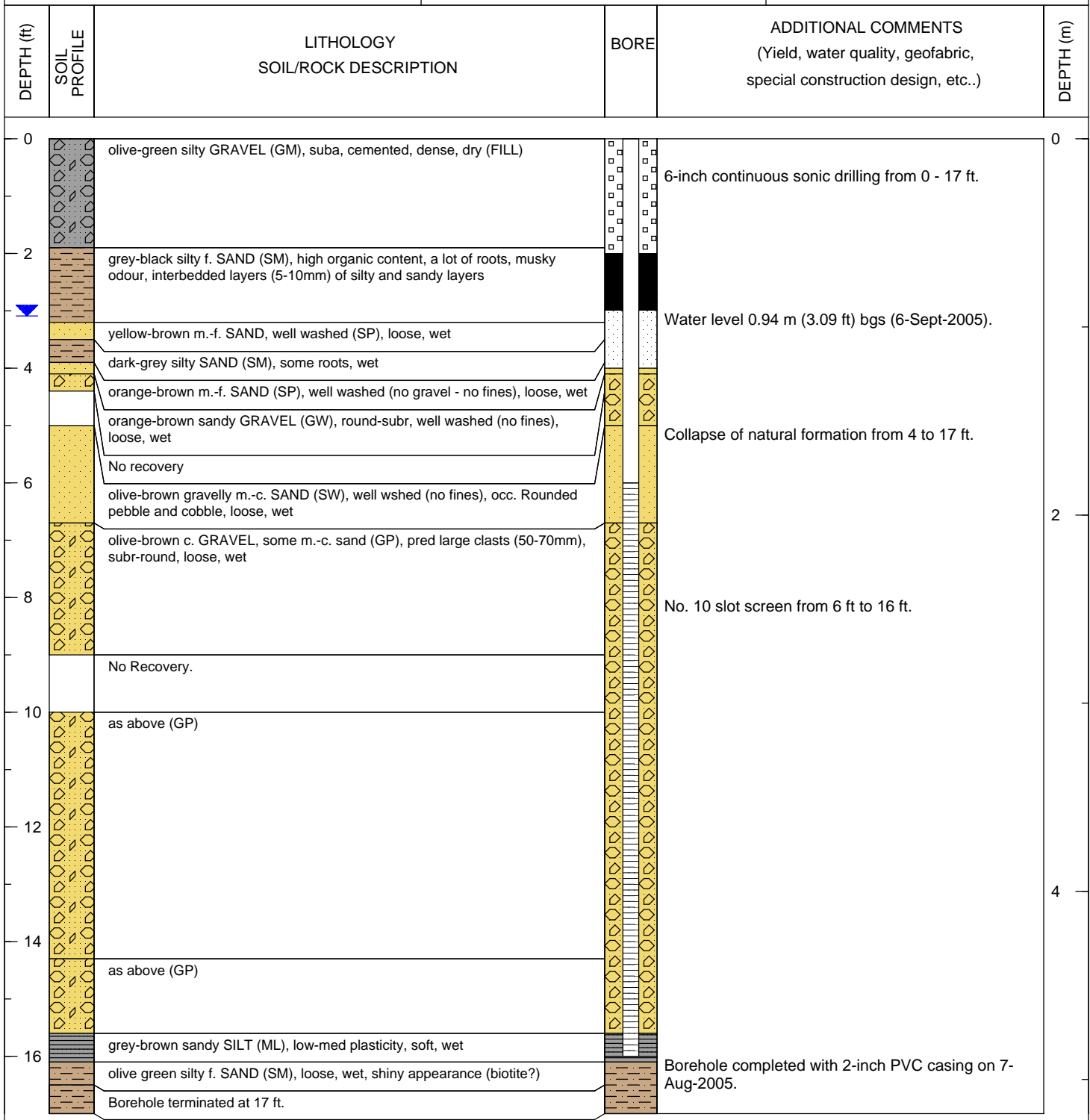
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PROJECT NAME: Rose Creek GW Interception	METHOD: Sonic	LOCATION: Cross Valley Dam
PROJECT NUMBER: 118004	N: 6914334.946	E: 580165.032
		TOC ELEVATION (m): 1017.989



STRATIGRAPHY	SILT (ML)	SILTY SAND (SM)	SAND (GRAVELLY) (SW/SP)	SILTY GRAVEL (GM)	GRAVEL (SANDY) (GW/GP)	PEAT	BEDROCK
BACKFILL TYPE	BENTONITE CHIPS (3/8")	BENTONITE SEAL (1/4")	BENTONITE GROUT	SAND FILTER PACK			

Robertson GeoConsultants Inc. Mining, Geotechnical and Environmental Engineers	LOGGED/SUPERVISED BY: Christoph Wels	TOTAL DEPTH (ft): 85
	REVIEWED BY: Christoph Wels	COMPLETION DEPTH (ft): 83
	DATE COMPLETED: 7-Aug-2005	PAGE 3 OF 3

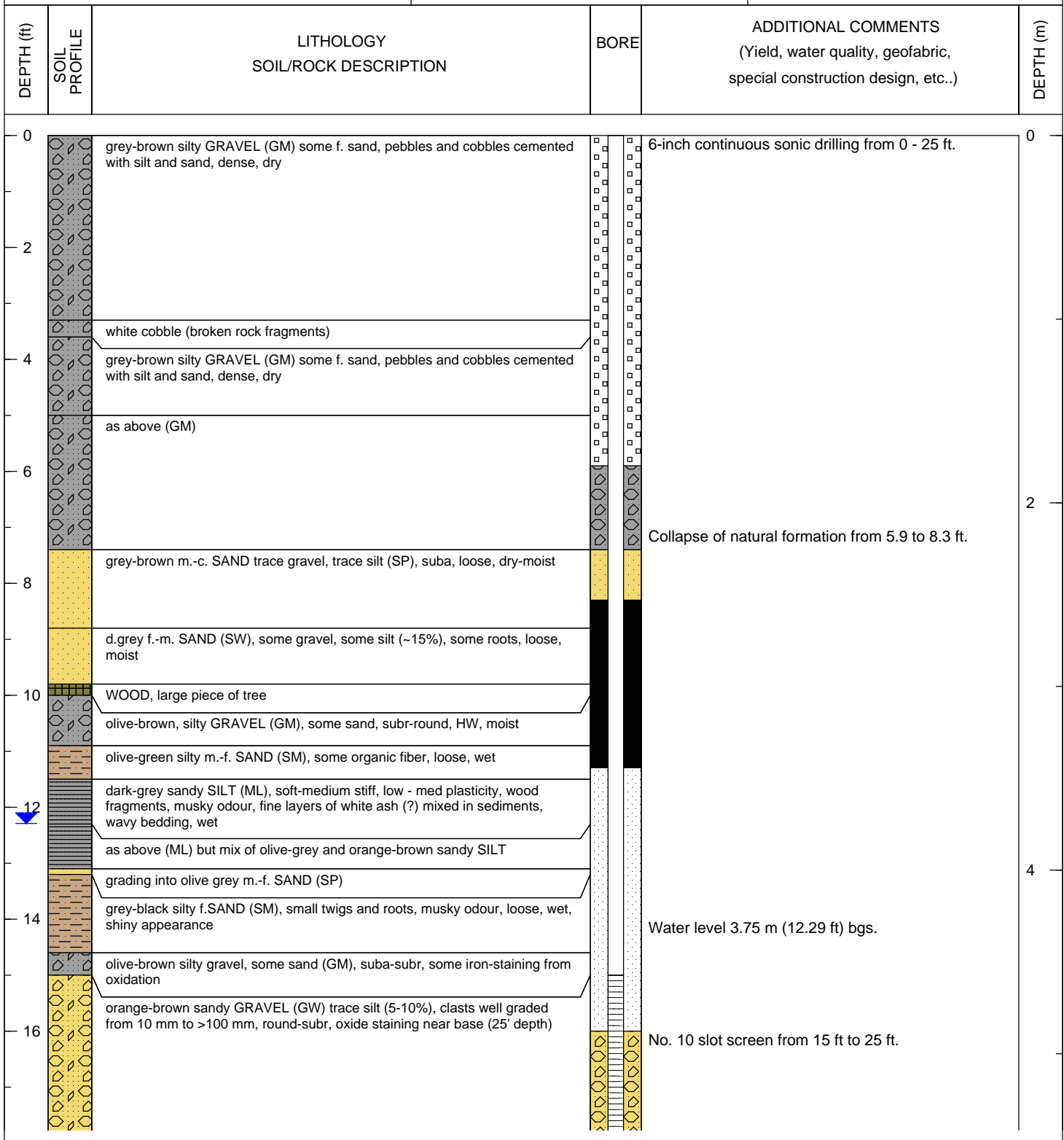
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PROJECT NAME: Rose Creek GW Interception	METHOD: Sonic	LOCATION: Cross Valley Dam
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STRATIGRAPHY	SILT (ML)	SILTY SAND (SM)	SAND (GRAVELLY) (SW/SP)	SILTY GRAVEL (GM)	GRAVEL (SANDY) (GW/GP)	PEAT	BEDROCK
BACKFILL TYPE	BENTONITE CHIPS (3/8")	BENTONITE SEAL (1/4")	BENTONITE GROUT	SAND FILTER PACK			

Robertson GeoConsultants Inc. Mining, Geotechnical and Environmental Engineers	LOGGED/SUPERVISED BY: Christoph Wels	TOTAL DEPTH (ft): 17
	REVIEWED BY: Christoph Wels	COMPLETION DEPTH (ft): 16
	DATE COMPLETED: 7-Aug-2005	PAGE 1 OF 1

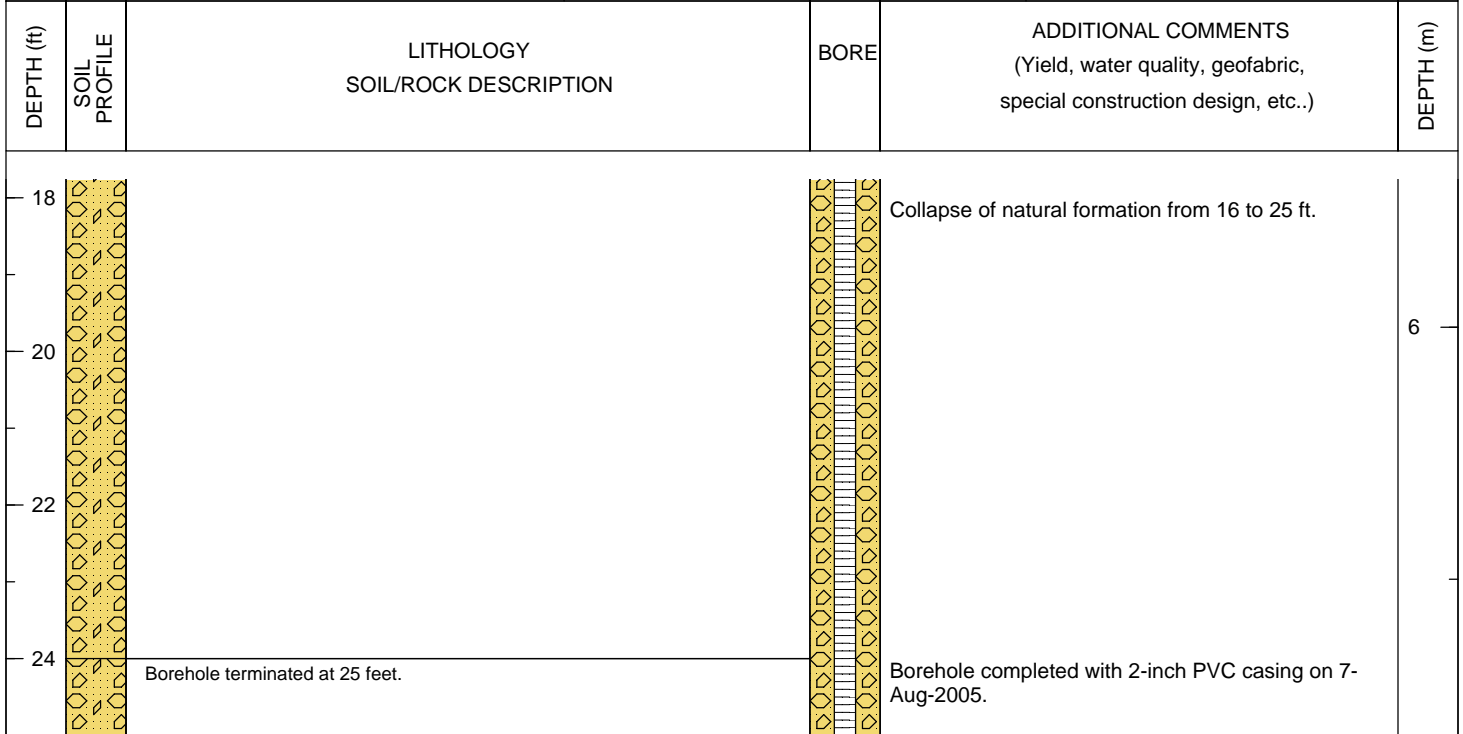
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PROJECT NAME: Rose Creek GW Interception	METHOD: Sonic	LOCATION: Cross Valley Dam
PROJECT NUMBER: 118004	N: 6914171.021 E: 580087.574	TOC ELEVATION (m): 1019.793



STRATIGRAPHY	SILT (ML)	SILTY SAND (SM)	SAND (GRAVELLY) (SW/SP)	SILTY GRAVEL (GM)	GRAVEL (SANDY) (GW/GP)	PEAT	BEDROCK
BACKFILL TYPE	BENTONITE CHIPS (3/8")	BENTONITE SEAL (1/4")	BENTONITE GROUT	SAND FILTER PACK			

 Robertson GeoConsultants Inc. Mining, Geotechnical and Environmental Engineers	LOGGED/SUPERVISED BY: Christoph Wels	TOTAL DEPTH (ft): 25
	REVIEWED BY: Christoph Wels	COMPLETION DEPTH (ft): 25
	DATE COMPLETED: 7-Aug-2005	PAGE 1 OF 2

CLIENT NAME: Deloitte & Touche	DRILLER: SDS Drilling	BOREHOLE ID: P05-03
PROJECT NAME: Rose Creek GW Interception	METHOD: Sonic	LOCATION: Cross Valley Dam
PROJECT NUMBER: 118004	N: 6914171.021 E: 580087.574	TOC ELEVATION (m): 1019.793



STRATIGRAPHY	SILT (ML)	SILTY SAND (SM)	SAND (GRAVELLY) (SW/SP)	SILTY GRAVEL (GM)	GRAVEL (SANDY) (GW/GP)	PEAT	BEDROCK
BACKFILL TYPE	BENTONITE CHIPS (3/8")	BENTONITE SEAL (1/4")	BENTONITE GROUT	SAND FILTER PACK			

	LOGGED/SUPERVISED BY: Christoph Wels	TOTAL DEPTH (ft): 25
	REVIEWED BY: Christoph Wels	COMPLETION DEPTH (ft): 25
	DATE COMPLETED: 7-Aug-2005	PAGE 2 OF 2



October 5, 2005

Christoph Wels, Ph.D.
Robertson GeoConsultants Inc.
Suite 640,
580 Hornby St.
Vancouver, BC V6C 3B6

Dr. Wels:

Re: GLL - 50707 – Installation and Completion Details for P05-01 Multi-Level at the Faro Mine Site, Yukon

As per your request, here is a brief summary of field activities and completion details associated with the installation of multi-level well P05-01 at the Faro Mine Site. Gartner Lee personnel were on site from August 6th to August 9th and assisted Robertson GeoConsultants (RGC) with field activities related to both the Down Valley pumping test and the Zone 2 Pit area. This memo summarizes details specific to the design and installation of multi-level well P05-01. The multi-level was installed along the north side of the Rose Creek Valley, within a hundred meters of the Cross-Valley Dam. Christoph Wels of RGC was present on-site to oversee field activities and was responsible for logging the soil cores from the P05-01 borehole. Consequently, no soil logging information is included in this brief report.

The entire soil column at P01-05 was cored using sonic drilling (SDS/Boart Longyear). These cores were used to guide the final design and placement of the sampling ports along the multi-level well. The final construction details are included in the attached figure. The following is a summary of details for P01-05:

Construction Materials

A 3/4" inch OD PVC rod in 10 ft sections was used as the centre stalk for rigidity of the multi-level. These sections were connected using 1 ft long PVC couplings (pieces of larger diameter PVC pipe) fastened with plastic tie wraps. The sampling tubes consist of continuous 5/8" OD HDPE tubing (standard size sampling tubing). Each screened section was constructed directly onto the sampling tubing (i.e. no couplings or attachments) by slotting the HDPE tubing and wrapping it several times with a fine Nitex mesh. All sampling tubes were then fastened to the PVC centre stalk. The screens were wrapped in plastic wrap to protect them and keep them clean



during construction and installation. The protective wrap was removed prior to lowering the device into the casing.

Multi-Level Well Design and Installation

The final installation details are shown on the attached figure. The casing and core barrel were driven into bedrock to 26.52 m (87 ft) below ground surface. The bedrock surface was encountered at approximately 25.91 m (85 ft) b.g.s. (refer to actual core logs for accurate details). The PVC centre rod on the multi-level was cut so that it would extend past the bottom screen to 87ft (bottom of hole). The device was then lowered down into the installation casing. Silica sand and bentonite (pellets and chips) were emplaced at some locations as the installation casing was pulled back. See Figure 1 for details (attached).

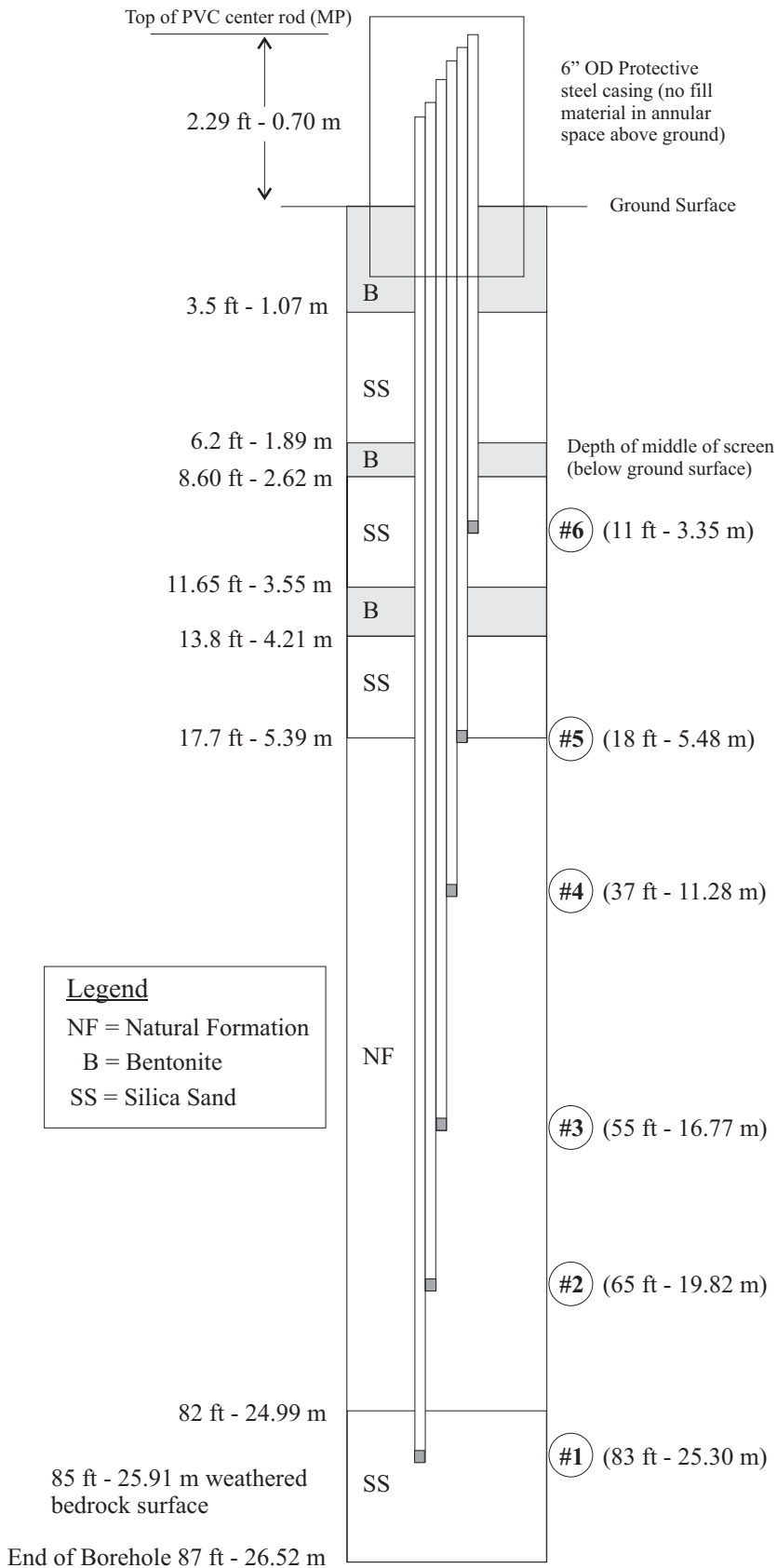
I trust this summary adequately describes the field activities and final design associated with multi-level P05-01 at the Faro Mine. If you have any questions or concerns, please do not hesitate to contact me at 867-633-6474 ext.24.

Yours very truly,
GARTNER LEE LIMITED

Martin Guilbeault, M.Sc., P.Eng.
Hydrogeologist

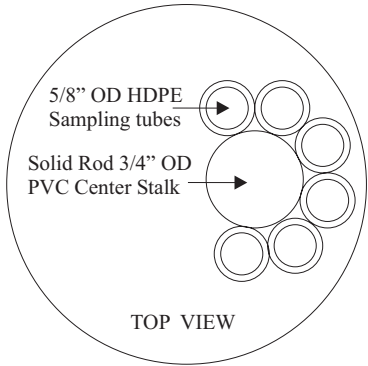
Attachments: Figure 1. P05-01 Well Completion Diagram

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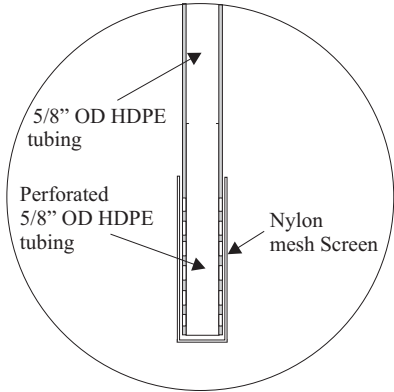


Legend
 NF = Natural Formation
 B = Bentonite
 SS = Silica Sand

Notes:
 Water levels for each point should be measured relative to the top of the grey PVC center rod (measuring point = MP).
 Sampling tube stickup cut at different lengths from shortest (point #1) to longest (point #6).
 Static Water Levels (m below MP)
 August 7, 2005
 P05-01-01 1.525 m
 P05-01-02 1.720 m
 P05-01-03 1.790 m
 P05-01-04 1.890 m
 P05-01-05 1.920 m
 P05-01-06 2.240 m



All Screen lengths approximately 0.15 m



Well Completion Notes:

- 1) Installed on: August 7, 2005
- 2) Constructed by: Gartner Lee Limited (GLL)
- 3) Installed by: GLL / RGC
- 4) Casing Driven Using: SDS / Boart Longyear Sonic
- 5) Location: Downgradient of the Cross Valley Dam