Hydro-Search, Inc.
HYDROLOGISTS-GEOLOGISTS-ENGINEERS
MILWAUKEE • DENVER • RENO

Log # 29994
basin 6-87

Well Number M-3

Drilling Log

Project SPPL-Reno Owner SPPL

Location Sparks, Nev. Project Number 197E37241

Date Drilled 2/29-3/2 Total Depth of Hole 35.5' Diameter 10"

Casing Elevation 4405.30 Water Level Initial N/A 24 hrs. 19.73'

Screen: Dia. 4" Length 25' Slot Size 0.020"

Casing: Dia. 4" Length 10' Type SCH 40

Drilling Company McKay Drilling Drilling Method Cable Tool

Driller Raymond Log by Mark Hudson

Location:
NW 1/4 NE 1/4
Section 9,
T.19N. ,R.20 E.

Notes
Waiver #

Sample Depth (ft)	Drill Rate ft./hr.	H-NU	Well Construction	Depth (ft)	Log	DESCRIPTION
				Surface		
				1, 2		Clayey Silty Sand (SM): Brown; 60% medium-coarse sand; poorly sorted, subrounded-angular; 40% silt and clay.
				3, 4		Gravelly Sandy Clayey Silt (ML): Brown; 50% silt and clay; 50% medium sand, gravel; angular-subrounded, poorly sorted.
				5, 6, 7, 8, 9, 10, 11, 12		Gravelly Sandy Clay (CL): Brown; 60% clay and silt; 40% medium sand, gravel; angular-subrounded, poorly sorted.
				13, 14, 15		Clayey Silty Sand (SM): Brown; 50% fine-coarse sand; angular-subrounded, poorly sorted; 50% clay and silt.
	1.2			16, 17, 18, 19, 20		Gravelly Silty Sand (SM): Tan-gray; 60% medium to coarse sand, gravel; angular-subangular, poorly sorted; 40% silt with trace of clay.

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Well Number M-3 cont'd

Drilling Log

Project: SPPL-Reno
Owner: SPPL
Location: Spark, Nev.
Project Number: 197E37241
Date Drilled: 2/29-3/2
Total Depth of Hole: 35.5'
Diameter: 10"
Casing Elevation:
Water Level Initial: N/A
24 hrs.: 19.73'
Screen: Dia. 4"
Length: 25'
Slot Size: 0.020"
Casing: Dia. 4"
Length: 10'
Type: SCH 40
Drilling Company: McKay Drilling
Drilling Method: Cable Tool
Driller: Raymond
Log by: Ken Churan

Location:
NW 1/4 NE 1/4
Section 9,
T.19N. ,R.20 E.

Notes

Sample Depth (ft)	Drill Rate ft./hr.	H-NU	Well Construction	Depth (ft)	Log	DESCRIPTION
				Surface		
	1.0			21, 22		Gravelly Silty Sand (SM): Gray; 60% medium-coarse sand, gravel; angular-subangular, poorly sorted; 40% silt.
	1.25			23, 24		Gravelly Silty Sand (SM): Gray, 60% medium-coarse sand, gravel; angular-subangular, poorly sorted; 40% silt and clay.
	1.7			25, 26, 27		
	1.7			28, 29, 30		Silty Sandy Clay (CL): Gray; 60% clay and silt; 40% fine-coarse sand, gravel; angular-subangular, poorly sorted.
	2.5			31, 32		Gravelly Clayey Sand (SC): Gray; 70% fine-coarse sand, gravel; angular-subangular, poorly sorted; 30% clay and silt.
	1.7			33, 34, 35		Silty Sand (SM): Gray; 70% fine-coarse sand, gravel; angular-subangular, moderately sorted; 30% silt with trace of clay.
				36		Total Depth of Borehole: 35.5 feet.