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

Log # 29995
basin 6-87

Well Number M-4

Drilling Log

Project SPPL-Reno Owner SPPL

Location Sparks, Nev. Project Number 197E37241

Date Drilled 3/10-3/15 Total Depth of Hole N/A Diameter 18.50'

Casing Elevation 4403.20 Water Level Initial N/A 24 hrs. 19.50'

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
Waiver #

Sample Depth (ft)	Drill Rate ft./hr.	H-NU	Well Construction	Depth (ft)	Log	DESCRIPTION
				Surface		
	2.5			1, 2, 3, 4, 5		Gravelly Silty Sand (SM): Dark brown-gray; 70% fine-coarse sand, gravel; angular-subrounded, poorly sorted; 30% silt.
	1.25			6, 7, 8, 9, 10		Gravelly Silty Sand (SM): Gray-black; 70% fine-coarse sand, gravel; angular-subrounded, poorly sorted; 30% silt. (Drill cuttings have oily sheen.)
	1.25			11, 12, 13, 14, 15		Gravelly Silty Sand (SM): Gray-black; 70% fine-coarse sand, gravel; angular-subangular, poorly sorted; 30% silt.
	1.25			16, 17, 18, 19, 20		Gravelly Silty Sand (SM): Dark gray; 70% fine-coarse sand, gravel; angular, poorly sorted, 30% silt.

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Well Number M-4 cont'd

Drilling Log

Project SPPL-Reno Owner SPPL

Location Sparks, Nev. Project Number 197E37241

Date Drilled 3/11-3/13 Total Depth of Hole 36' Diameter 8"

Casing Elevation 4403.20 Water Level Initial N/A 24 hrs. 19.50'

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		
	.83			21, 22		Gravelly Silty Sand (SM): Gray; 70% fine-coarse sand, gravel; angular, poorly sorted; 30% silt.
	1.25			23, 24, 25		
	4.0			26, 27		
	2.5			28, 29, 30		Gravelly Silty Sand (SM): Tan-gray; 65% fine-coarse sand, gravel; angular-subrounded, poorly sorted; 35% silt.
	2.5			31, 32		
	1.7			33, 34, 35		
				36		Total Depth of Borehole: 36 feet.