Utah Geological Survey
Lithologic Log

Monitor Well # 0818005M00
WIN=431476
Page 1 of 2

Well ID: AG14A

Well Location: 2 miles SW of Eskdale, UT

UTM: x 242112 m, y 4329172 m NAD 83 (zone 12N)

(S) 192 ft, (W) 120 ft from NE Corner, Sec 16, T 20 (S) R 19 (W), SLBM USM

Start Date 6/11/8 Completion Date 6/14/8 Driller Thayer Drilling (Parowan)

Drilling Method: Cable Tool from 0 to 65′ Total Depth 65′

from ____ to ____ Static Water Level 27.44′

from ____ to ____ Water Level Date 6/16/8 14:24

Measured From MP, top of riser

Borehole Diameter: 6″ from 0 to 65′

from ____ to ____

from ____ to ____

Casing Type & Diameter: 3 3/8″ Steel (rectangular) from +1.70 to 2.5′

2″ Sch 80 PVC from +1.57 to 45′

from ____ to ____

Screen Type & Diameter: 2″ Sch 80 PVC .020″ slot from 45 to 65′

from ____ to ____

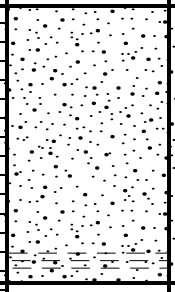
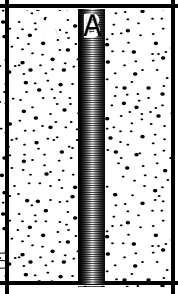
Ground Elevation: 5010.33′

Logged By: Matt Affolter, UGS

Geophysical Log ☐ Yes ☒ No Other Logs: ____

DEPTH	LITHOLOGY	WELL DIAGRAM	DRILLING INFO	LITHOLOGY DESCRIPTION
0			Cement 0-4′	0-25 -- Gravel (60%) and sand (40%); clasts=very well rounded, up to 2 cm, quartzite (40%), limestone (40%), other/volcanic lithics (20%)
5				
10			100% Bentonite 4-15′	
15				
20				
25			30% Bentonite Grout 15-35′	25-35 -- Gravel (40%) sand (50%) speckled tan clay (10%); clasts=up to 1 cm, well rounded to subrounded, limestone (60%) quartzite (30%) other (10%)
30				
35			100% Bentonite 35-40′	35-45 -- Like above, gravel (50%) sand (10%) clay (40%); clast up to 2 cm
40				
45			#8 Sand 40-65′	45-50 -- Large gravel (75%) and sand (25%); clasts up to 4 cm, well rounded to subrounded, limestone (50%) quartzite (30%) other/volcanic lithics (20%)

Well ID: AG14A

DEPTH	LITHOLOGY	WELL DIAGRAM	DRILLING INFO	LITHOLOGY DESCRIPTION
55				50-60 -- Like above, finer (up to 0.5 cm); gravel (30%) sand (70%)
60				60-65 -- Like above, clay layer at 64'
65				
70				
75				
80				
85				
90				
95				
100				
105				
110				
115				
120				
125				
130				
135				
140				
145				