

USGS MONITORING WELL DRILLING AND LITHOLOGIC LOG

COMMON WELL NAME: SACC #5

PROJECT:

PROJECT CHIEF: David O'Leary

ELEV: LOCATION:

LOGGED BY:

DRILLED BY: USGS RDP

RIG TYPE: Auger

LAG METHOD: N/A

Depth	Time (min)	Rig noise etc.	Color (Munsell-soil)	Cones mud EC	Graphic	Description and other observations * No lith symbol i.e. (grs) No sorting, can use field term, hand.	Bit size, & Rice time
12/1/2016	16:24	Harol					
5'	16:1		10YR 5/4			Sand (S); v.f. med sand (minor coarse sand) w/ minor silt & clay	8.5"
10'	16:11					Clay, silty sand (uS); v.f. medium sand (minor coarse sand) w/ silt and clay	
15'	16:14					(grs) v.f. coarse sand w/ silt, clay and granule - lg peb; color change	
20'	17:03					(grs); v.f. coarse sand w/ silt, clay and granule - lg peb	
25'	17:05					(grs); v.f. coarse sand w/ silt clay and granule - v. lg peb	
30'	17:11					Sandy clay; silt; silt w/ clay and v.f. - medium sand (minor crs - v. crs sand)	
35'	17:22					Color change	
40'	17:32					gravelly sandy clayey silt; silt w/ clay, v.f. - v. crs sand and gran - sm peb (minor clay)	
45'	17:57					Slightly gravelly clayey silty sand; v.f. - v. crs sand (down v. med sand) w/ silt, clay and gran - med peb	
50'	17:47					Sandy silt; silt w/ v.f. - med sand (minor crs - v. crs sand) w/ minor clay and trace gran - sm peb	
55'	17:54					Sandy silt; silt w/ v.f. - med sand (minor crs - v. crs sand) w/ minor clay and trace gran - lg peb	
60'	18:01					Sandy silt; silt w/ v.f. - med sand (minor crs - v. crs sand) w/ minor clay and trace gran - med peb	
65'	18:03		7.5YR 4/6			Sandy silt; silt w/ v.f. - med sand (minor crs - v. crs sand) w/ minor clay and trace gran - med peb	
70'	07:27		7.5YR 4/6			Sandy silt; silt w/ v.f. - med sand (minor crs - v. crs sand) w/ trace - minor clay and trace granules	
75'	07:30					Silty sand; v.f. - crs sand (minor v. crs sand) w/ silt and trace gran	
80'	07:37					Silty sand; v.f. - crs sand (minor v. crs sand) w/ silt and trace gran	
85'	07:39		10YR 5/4			More sand; (loosening clay component)	
90'	07:49					Silty sand; v.f. - crs sand (minor v. crs sand) w/ silt and trace gran	
95'	08:00		10YR 5/4			Silty sand; v.f. - v. crs sand w/ silt, trace minor clay and trace gran med peb	
100'	08:04		10YR 5/6			Silty sand; v.f. - v. crs sand w/ silt, trace clay and trace gran - sm peb	
105'	08:12					Silty sand; v.f. - v. crs sand w/ silt, trace clay and trace gran - lg peb	
110'	08:15		10YR 5/6			Silty sand; v.f. - v. crs sand w/ silt, trace clay and trace gran - lg peb	
115'	08:31					Sporadically silty sand; v.f. - v. crs sand (down v.f. - med sand) w/ silt and gran - lg peb	
120'	08:33	Really soft	10YR 5/3			Sl. grly silty sand; v.f. - v. crs sand (down v.f. - med sand) w/ silt and gran - lg peb	
125'	08:47					Sl. grly silty sand; v.f. - v. crs sand (down v.f. - med sand) w/ silt and gran - lg peb	
130'	08:49		10YR 5/3			Sl. grly silty sand; v.f. - v. crs sand (down v.f. - med sand) w/ silt and gran - lg peb	
135'	08:56					Sl. grly silty sand; v.f. - v. crs sand (down v.f. - med sand) w/ silt and gran - lg peb	
140'	08:57		10YR 5/3			Sl. grly silty sand; v.f. - v. crs sand (down v.f. - med sand) w/ silt and gran - lg peb	
145'	09:04					Sl. grly silty sand; v.f. - v. crs sand (down v.f. - med sand) w/ silt and gran - lg peb	
150'	09:06		10YR 5/3			Sl. grly silty sand; v.f. - v. crs sand (down v.f. - med sand) w/ silt and gran - lg peb	

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