

USGS MONITORING WELL DRILLING AND LITHOLOGIC LOG

COMMON WELL NAME: SALA

PROJECT:

PROJECT CHIEF: David O'Leary

ELEV: 607'

LOCATION: N34°44'37" W120°16'17"

LOGGED BY: David O'Leary, Adam Kjos, Chris Kohel

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	Bit size, & Rice time
5'	10:03					Gravelly Sandy silt, silt & v.f. - v. crs sand (down v.f. - med sand)	8.5"
10'	10:04		10YR 3/3			W/ gran - v. lg Peb.	
10'	10:13					Silty sand grave - Gran rg Peb w/ v.f. - v. crs sand and s. f	
15'	10:18		10YR 4/2			Sand - clay clay w/ silt v.f. - v. crs sand and trace gran - silt Peb; v. firm	
15'	10:26					Sandy clay clay w/ silt v.f. - v. crs sand and trace gran - silt; v. firm clay	
20'	10:30		10YR 4/2			Sandy silt; silt f - v. crs sand (down v.f. - med sand), shorday and tr. gran silt Peb	
20'	10:38					Gravel sand clay silt. H/ clay, v.f. - v. crs sand and gran - rg Peb	
25'	10:43		10YR 4/3			Silt grs v. silt. Silt clay, v.f. - v. crs sand and gran - rg Peb	
30'	10:47					Sand s. f clay; silt v.f. - v. crs sand and trace gran - rg Peb	
30'	10:50	Soft	10YR 5/3			Silt grs and clay clay w/ silt, v.f. - v. crs sand and gran - rg	
30'	10:53					Slightly grly sand clay; clay w/ silt, v.f. - v. crs sand and gran - rg Peb	
35'	10:56		10YR 5/3			Slightly grly sand and gran - med Peb; silt clay	
35'	10:59					Silt clay; clay w/ s. f, v.f. - v. crs sand and gran - med Peb; silt clay	
40'	11:02		10YR 5/3			Slightly grly sand and gran - med Peb; silt clay	
40'	11:03					Silt clay; clay w/ s. f, v.f. - v. crs sand and gran - med Peb; silt clay	
40'	11:06		10YR 5/3			Slightly grly sand and gran - med Peb; silt clay	
45'	11:13					Silt clay; clay w/ s. f, v.f. - v. crs sand and gran - med Peb; silt clay	
45'	11:16		10YR 5/3			Slightly grly sand and gran - med Peb; silt clay	
50'	11:18					Silt clay; clay w/ s. f, v.f. - v. crs sand and gran - med Peb; silt clay	
50'	11:21		10YR 5/3			Slightly grly sand and gran - med Peb; silt clay	
55'	11:22					Silt clay; clay w/ s. f, v.f. - v. crs sand and gran - med Peb; silt clay	
55'	11:25		10YR 5/3			Slightly grly sand and gran - med Peb; silt clay	
55'	11:31					Silt clay; clay w/ s. f, v.f. - v. crs sand and gran - med Peb; silt clay	
55'	11:35		10YR 5/3			Slightly grly sand and gran - med Peb; silt clay	
60'	11:38					Silt clay; clay w/ s. f, v.f. - v. crs sand and gran - med Peb; silt clay	
60'	11:40		10YR 4/3			Slightly grly sand and gran - med Peb; silt clay	
65'	11:42	Full	10YR 4/3			Silt clay; clay w/ s. f, v.f. - v. crs sand and gran - med Peb; silt clay	
65'	11:47					Silt clay; clay w/ s. f, v.f. - v. crs sand and gran - med Peb; silt clay	
70'	11:48		10YR 4/3			Silt clay; clay w/ s. f, v.f. - v. crs sand and gran - med Peb; silt clay	
70'	11:53					Silt clay; clay w/ s. f, v.f. - v. crs sand and gran - med Peb; silt clay	
75'	11:55		10YR 4/3			Silt clay; clay w/ s. f, v.f. - v. crs sand and gran - med Peb; silt clay	
75'	12:37					Silt clay; clay w/ s. f, v.f. - v. crs sand and gran - med Peb; silt clay	
80'	12:39		10YR 5/3			Silt clay; clay w/ s. f, v.f. - v. crs sand and gran - med Peb; silt clay	
80'	12:42					Silt clay; clay w/ s. f, v.f. - v. crs sand and gran - med Peb; silt clay	
85'	12:44		10YR 5/3			Silt clay; clay w/ s. f, v.f. - v. crs sand and gran - med Peb; silt clay	
85'	12:47					Silt clay; clay w/ s. f, v.f. - v. crs sand and gran - med Peb; silt clay	
90'	12:50		10YR 5/3			Silt clay; clay w/ s. f, v.f. - v. crs sand and gran - med Peb; silt clay	
90'						TD - 91'	