

USGS MONITORING WELL DRILLING AND LITHOLOGIC LOG

COMMON WELL NAME: SACR 825 PROJECT: GC16ZG00FUVS300 PROJECT CHIEF: David O'Leary
 ELEV: 361' LOCATION: CA-135, Los Alamos, CA 93455, N34°45'32" W120°23'39" LOGGED BY: Anthony Brown Adam Kjos
 DRILLED BY: USGS RDP RIG TYPE: Mud Rotary- TH60 LAG METHOD: Rice (mud)

Depth	Time (min)	Rig noise etc.	Color (Munsell - soil)	Cones	Graphic	Description and other observations	Bit size, & Rice time
0				4780 EC			
7/30	1514		2.5Y 3/6	VHUY	X X X X	0-1 - wood	20" HOLE
	1543		2.5Y 5/3		A A A A	1-2 - R.P.R. - cement / asphalt	7/30
20	1614			3950	A A A A	2-3 soil - silty clay	Opened
	0944			VHUY	A A A A	3-4 silty clay (sluc)	
7/31	0949	33'		3080	A A A A	14-16 silty clay (gr-m)	9 7/8" long tooth
40	0959		2.5Y 8/3	VHUY	A A A A	16-17 clayey	7/31
	1132				A A A A	17-20 = 14-16	
60	1138		2.5Y 6/3	VHUY	A A A A	SANDY (vf-vc) gravel (gran-mid peb)	
	1142			3050	A A A A	Gravelly (gran-mid peb) sand (vf-vc)	
	1153	68' slow		HUY	A A A A	slightly gravelly (gran-smp peb) sand (vf-vc)	
80	1209	71' Fast	2.5Y 4/2	HUY	A A A A	64-65' silty sand (vf-vc) w/ gravel (gran-mid peb)	
	1219		2.5Y 5/3	3010	A A A A	65-66' silty sand (vf-vc) w/ gravel (gran-mid peb)	
	1229			Mod	A A A A	66-71' clayey silt w/ med peb	
100	1232		2.5Y 5/3	2920	A A A A	71-80' sandy (vf-m) w/ gravel (gran-mid peb)	
	1332			HUY	A A A A	SANDY (vf-vc) gravel (gran-mid peb)	
120	1337		2.5Y 6/3	HUY	A A A A	Gravelly (mid peb) sand (vf-m)	lost Circ.
	1347	113'	2.5Y 4/1	3310	A A A A	clayey silt	
	1427			VHUY	A A A A	clayey silt	
140	1443	128'		3240	A A A A	SANDY (vf-vc) gravel (gran-l, peb)	
	1455				A A A A	sand (vf-m)	
	1504			VHUY	A A A A	SAND (vf-m)	Rice Time
160	1510	152'		3330	A A A A	SAND (vf-vc)	2 min
	1519	158'			A A A A	SAND (vf-vc) Abundant wood + pent	
	1544	161'		VHUY	A A A A	Gray SAND (vf-m)	
180	1552	168' color		3160	A A A A	Green SAND (vf-m)	
	1622	173' fine silt			A A A A	clay (vf-m)	
	1637	178'		VHUY	A A A A	SAND (vf-m)	
200	1659	178'		2960	A A A A	SAND (vf-m)	
	1727	195'			A A A A	SAND (vf-m)	
7/31	1736			HUY	A A A A	SAND (vf-m)	
220	1752	216' slow		2950	A A A A	SAND (vf-vc)	Rice Time
	1801	225' slow		H/HUY	A A A A	SAND (vf-vc)	7/31
	1843	230'			A A A A	silty clay	
8/1	0844			2830	A A A A	SAND (vf-vc)	3 min
	0858	241'		Mod	A A A A	SANDY (vf-m) silt	8/1
260	0908			2850	A A A A	clay	
	0949	253' slow		It	A A A A	clay	
	1208			2950	A A A A	clay	
280	1326	274' Fast		Mod	A A A A	silt	
	1402			2640	A A A A	SAND (vf-vc) upper - sandy	Rice Time
300	1419	288' Fast		VHUY	A A A A	mid - gravel	3 min
	1439				A A A A	bottom - brown	
320	1500			2630	A A A A	SAND (vf-m)	
	1506			VHUY	A A A A	SAND (vf-m)	
340	1530			2640	A A A A	SAND (vf-m)	
	1536			VHUY	A A A A		
360	1543			2690	A A A A		
	1602			VHUY	A A A A		
380	1619			2820	A A A A		
	1629			It	A A A A	clay	
8/1	1634	274' slow		2540	A A A A		8/1
	1656	283' slow			A A A A		
8/2	1755				A A A A		7 7/8 turns
	1845				A A A A		8/2
400	0908				A A A A		

USGS MONITORING WELL DRILLING AND LITHOLOGIC LOG

COMMON WELL NAME: SACR

PROJECT: GC16ZG00FUVS300

PROJECT CHIEF: David O'Leary

ELEV: 361'

LOCATION: 1098 CA-135, Los Alamos, CA 93455, N34°45'32" W120°23'39"

LOGGED BY: Anthony Brown Adam Kjos

DRILLED BY: USGS RDP

RIG TYPE: Mud Rotary- TH60

LAG METHOD: Rice (mud)

Depth	Time (min)	Rig noise etc.	Color (Munsell - soil)	Cones	Graphic	Description and other observations	Bit size, & Rice time
400	0919			EC			
420	0928	409'		HVY M		clay	
	0934			2600		SAND (vf-m) w/ SAND (e-vc) w/ mals	
	1003	425' slow		lt			
440	1038			2420		SANDY (vf-m) clay	
	1101	434' Fast		mid			
460	1114	443' Fast		2440		SAND (vf-m) w/ small wood chips	
	1119			VHVY			
	1141	454' slow		2470		SAND (vf-m) w/ small wood chips	
	1155			VHVY			
480	1158			2470		SAND (vf-m) w/ small wood chips	
	1202			VHVY			
	1215			VHVY			
	1218			2390		SAND (vf-m) w/ v sm wood chips	
500	1220			VHVY			
	1258			2470		SAND (vf-m) w/ r sm wood chips	
520	1301			VHVY			
	1303			2270		SAND (vf-m) w/ v sm wood chips some charcoal	
	1319			VHVY			
540	1321			2270		SAND (vf-m) w/ Peat and wood chips	
	1323	539'		HVY			
	1340			2170		SAND (vf-m)	
560	1343	550'		VHVY			
	1346			2260		SANDY (vf-m) silt	
	1400	567' slow - Fast		lt			
580	1407			2310		Peat SAND (vf-vc) w/ shell fragments	
	1409			mod			
600	1422	574' slow/fast		2290			
	1423			HVY			
	1438	601' slow		2300		SAND (vf-m) w/ Peat + Shells @ 639'-640'	
	1451	604' Fast		Mod			
620	1516	607' slow/Fast		2370		SAND (vf-m) w/ Peat + Shells	
	1518			VHVY			
	1531			2360		SANDY (vf-vc) gravel (gran-sm peb) rounded	
640	1532			VHVY			
	1533			2370		SANDY (vf-vc) gravel (gran-sm peb)	
	1555						
660	1558						
	1601	663' chatter					
	1613						
680	1616						
	1620						
	1633						
700	1637						
	1643						