

Table 40.--Selected well logs--Continued

Material	Thick-ness (feet)	Depth (feet)	Material	Thick-ness (feet)	Depth (feet)	Material	Thick-ness (feet)	Depth (feet)	Material	Thick-ness (feet)	Depth (feet)
16/22-29ad			16/22-29ad--Continued			17/22-29ad--Continued			17/29-18bd (Morrison, R. S., 1964, 143)		
Sand, 95-100% very fine- to very coarse-grained sand; up to 5% silt; some gravel and rock fragments; subaerial sediments	15	15	Sand, 85-90% very fine- to very coarse-grained, angular to subrounded; 5-10% silt; 5-10% gravel and rock fragments of both acid and basic igneous origin; many dark, heavy minerals	25	230	Clayey sand-sized particles, gray; very fine- to very coarse-sized, angular to sub-angular; 5% silt-sized particles; plastic; slightly calcareous; probably a clay streak in weathered bedrock	2	447	Fallon Formation:		
Sand, gravelly, 85% very fine- to very coarse-grained sand; less than 5% silt; 10-15% gravel, sub-rounded and ellipsoidal-shaped; possible Lake Lahontan beach or near-shore deposit	15	30	Clayey sand, 85-90% very fine- to very coarse-grained sand; up to 5% silt; slightly plastic to plastic; up to 5% gravel	16	246	Sand-sized particles, very fine- to very coarse-sized, angular to sub-angular; 5-10% silt-sized particles; moderately plastic toward the bottom of the interval	33	480	Surface	20	20
Sand, green-gray-brown; 95-100% very fine- to medium-grained sand, a few coarse-grains, predominantly sub-rounded, ellipsoidal; very calcareous; beach or near-shore deposit of Lake Lahontan	15	45	Sand, same as above, becoming slightly plastic to moderately plastic at 270 feet	44	290	17/22-33ccbc			Seho Formation:	25	45
As above, but brown again; more coarse-grained; some angular rock fragments; noncalcareous to slightly calcareous	25	70	Silty sand, 85-90% very fine- to very coarse-grained sand, angular to subrounded; 10-15% silt; 5% gravel and rock fragments, angular to sub-rounded, including much basic igneous material; sample becomes slightly to moderately plastic and color becomes more yellow-brown at 295 feet	20	310	Sand and pea gravel	118	118	Myemaha Formation:	30	75
Sand, 95% very fine- to very coarse-grained sand; less than 5% silt; up to 5% gravel and rock fragments; subaerial sediments	10	80	Clayey, silty, sand-sized particles, yellow-brown; 85% very fine- to fine-grained sand-sized particles, some coarser materials, angular to sub-rounded, predominantly angular; up to 15% silt or silt-sized particles; moderately plastic to plastic; apparently a weathered bedrock surface was encountered at 310 feet, with some alluvial material present (possibly as contamination from above); much limonite staining; biotite present in larger amounts than previously; becomes less plastic toward bottom of interval	45	355	Clay, gray	27	145	Sand and gravel	15	90
Sand and sand-sized particles, 90-95% very fine- to very coarse-grained sand-sized particles angular to subrounded; up to 10% silt-sized particles; 5-10% rock fragments up to one inch in diameter; sample becomes finer toward the bottom of interval; at 80 to 101 feet a boulder field was encountered	21	101	Similar to above interval, but only slightly weathered bedrock; a make-shift core barrel brought up a 3-inch core of acidic, coarse-textured igneous material; core has limonite and clay streaks; feldspars are all plagioclases; water was encountered at 361 feet; below the ground and subsequently rose to 329 feet; a possible fractured zone occurs at 361 feet as the drilling tool was caught there; differences in percentage of fine to coarse fragments may be due to differences in degree of hardness of bedrock	20	375	Sand, white, fine	15	160	Clay, blue	25	115
Sand, 80-90% very fine- to very coarse-grained sand, predominantly very fine- to medium-grained; up to 10% silt; 10% gravel, with suggestions of reworking by waves; many basic rock fragments; trace of water encountered at 101 feet, but possibly was drilling water	6	107	Sand-sized particles, 100% very fine- to very coarse-grained sand-sized particles, angular to subangular; noncalcareous; sample clean and fresh, becoming slightly to moderately plastic toward bottom of interval	70	445	Clay, gray	40	200	Gumbo, black, gas showing	15	130
Sand, 90-95% very fine- to very coarse-grained sand, predominantly very fine- to medium-grained, not all quartzose; 5% silt; up to 5% gravel and some rock fragments; becomes coarser toward the bottom of the interval	33	140				Clay, sandy	20	240	Gumbo, black	64	194
Sand, 85-90% very fine- to medium-grained sand, some coarser grains; 10-15% silt; some gravels and rock fragments; more rock fragments toward the bottom of the interval	45	205				Clay, blue-gray	45	285	Correlation uncertain:		
						Pea gravel	15	300	Shale(?)	2	195
						Clay, red	20	320	Gumbo and sand	54	250
						Gravel, fine	9	329	Sand	85	335
						Clay, gray	28	357	Sand, hard	3	338
						Clay, sandy	18	375	Shale, soft, gray	10	348
						Pea gravel, fine	14	389	Sand, fine	20	368
						Clay, blue-gray	33	422	Sand, coarse	13	381
						Clay, red, sandy	18	440	Shale, hard, sandy	16	397
						Sand, dark red, fine	12	452	Sand, hard	34	431
						Clay, blue-gray	28	480	Sand, fine	10	441
						Sand, coarse	24	504	Sand, hard	4	445
						Clay, gray, sandy	16	520	Crevice	1	446
						Pea gravel	29	549	Sand, fine	7	453
						Sand, fine; streaks of gravel	51	600	Sand, hard	10	463
						Sand, black	33	633	Shale, rotten (smelling?), black; turns gray on exposure to air	10	473
									Sand, fine	7	480
									Sand, very hard; small crevices and thick hard "shells"	8	488
									Sand, fine	12	500
									Shale, sandy, gray	11	511
									Sand, hard, some shale	17	526
									Shale, gray	6	532
									Shale, sandy, gas showing at 544 ft	14	546
									Shale, gray; crevice	9	555
									Shale, sand streaks	10	565
									Shale, sandy	5	570
									Shale, hard	13	583
									Clay, tough, blue	8	591
									Sand	6	597
									Shale, hard	21	618
									Clay, tough, blue	5	623
									Sand, hard	14	637
									Clay, tough, blue	6	643
									Clay	7	650
									Sand, very hard	2	652
									Shale, very hard	0.7	652.7
									Clay and shale	15.3	668
									Sand and shale	3	671
									Shale, sandy	13	684
									Shale, gray	7	691
									Shale, sandy	12	703
									Sand, coarse	3	706
									Shale, sandy	6	712
									Shale, blue	9	721
									Sand, coarse, water at 725 ft	5	726
									Sand, hard	4	730
									Shale, hard	9	739
									Shale, gray, and sand	9	748
									Sand, hard	7	755
									Shale with sand streaks	8	763
									Shale	9	772
									Shale, sandy	6	778
									Shale	12	790
									Sand	7	797
									Shale, hard	1	798
									Shale, soft	6	804
									Sand, coarse, hard	10	814
									Shale, sandy	8	822
									Shale	7	829
									Shale, hard	1	830
									Sand, hard	7	837
									Clay, sticky	13	850
									Sand, fine	10	860
									Shale, tough, gray	42	902
									Shale, tough, gray, with sand streaks	20	922
									Shale, tough, gray	8	930
									Sand, fine	12	942
									Sand, hard, and clay	17	959
									Sand, fine; and shale	20	979
									Shale with sand streaks	25	1,004
									Shale, sandy	19	1,023
									Shale	34	1,057
									Sand, hard	5	1,062
									Shale	12	1,074
									Sand, hard	6	1,080
									Shale	17	1,097
									Shale, hard	7	1,104
									Shale	10	1,114
									Sand, hard	13	1,127
									Shale, sandy	7	1,134
									Sand, coarse	21	1,155
									Sand, hard	3	1,158
									Shale, sandy	42	1,200
									Sand, hard	3	1,203
									Shale, hard	1	1,204
									Shale, hard, sandy, slow drilling	4	1,208
									Shale, hard	2	1,210
									Shale and streaks of hard sand	9	1,219
									Shale, sandy	3	1,222
									Shale, sandy, gray	28	1,250

(Continued)