

Table ____. Lithologic SHAKER log for multiple well monitoring site SDAQ

Depth (ft)	Description
10	Sand (S); very fine to medium sand; well sorted; subrounded; dark grayish brown (2.5Y 4/2)
20	Gravelly silty sand (gmS); fine to coarse sand with very fine sand and silt and very coarse sand to pebbles <10 mm; very poorly sorted; subrounded; dark grayish brown (10YR 4/2)
38-58 Ream	Silty gravelly sand (gmS); fine to very coarse sand with granules and pebbles <10 mm and very fine sand and silt; very poorly sorted; subrounded; olive (5Y 4/3)
40	Silty sand (zS); medium to very fine sand with silt and minor very coarse sand; poorly sorted; subrounded; dark grayish brown (10YR 4/2)
50	Gravelly silty sand (gmS); fine to very coarse sand with very fine sand and silt and some granules; very poorly sorted; subrounded; dark grayish brown (2.5Y 4/2)
60	Sand (S); coarse to very coarse sand; very well sorted; subrounded; grayish brown (2.5Y 5/2)
70	Sand (S); very fine to medium sand; well sorted; subrounded; gray (2.5Y 5/1)
80	Silty sand (zS); very fine to medium sand with silt; well sorted; subrounded; gray (2.5Y 5/1)
90	Silty sand (zS); very fine to medium sand with silt and minor coarse to very coarse sand; moderately sorted; subrounded; gray (2.5Y 5/1)
100	Sandy silt (sZ); silt and very fine sand with minor coarse to very coarse sand; well sorted; dark gray (N 4/1)
110	Sandy silt (sZ); silt and very fine sand; very well sorted; gray (N 5/1)
120	Sandy silt (sZ); silt and very fine sand with medium to very coarse sand; moderately sorted; dark gray (N 4/1)
130	Sandy silty gravel (mG); pebbles <10 mm with silt and very fine sand; very poorly sorted; subrounded; gray (2.5Y 5/1)
140	Silty sand (zS); fine to very fine sand and silt; well sorted; subrounded; dark gray (N 4/1)
150	Sandy silt (sZ); silt and very fine sand; very well sorted; dark gray (N 4/1)

Table ____. Lithologic SHAKER log for multiple well monitoring site SDAQ—Continued

Depth (ft)	Description
160	Sand (S); coarse to very coarse sand; very well sorted; subrounded; grayish brown (2.5Y 5/2)
168	Silty gravel (mG); pebbles <8 mm with silt; very poorly sorted; angular; gray (N 5/1); <i>pebbles are very fresh fragments</i>
170	Sandy silt (sZ); silt and very fine sand; very well sorted; dark gray (N 4/1)
180	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (N 4/1)
190	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (N 4/1)
200	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (N 4/1)
210	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; gray (2.5Y 6/1)
220	Clayey silt (M); silt with clay; very well sorted; dark gray (2.5Y 4/1)
228	Sand (S); coarse to very coarse sand; very well sorted; subrounded; light olive brown (2.5Y 5/3)
250	Sandy silt (sZ); silt and very fine sand; very well sorted; dark gray (2.5Y 4/1)
260	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (2.5Y 4/1)
270	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (2.5Y 4/1)
280	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (2.5Y 4/1)
290	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (2.5Y 4/1)
300	Sandy silt (sZ); silt and very fine sand; very well sorted; dark gray (2.5Y 4/1)
310	Sandy silt (sZ); silt and very fine sand; very well sorted; dark gray (2.5Y 4/1)

Table ____. Lithologic SHAKER log for multiple well monitoring site SDAQ—Continued

Depth (ft)	Description
320	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (2.5Y 4/1)
330	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (2.5Y 4/1)
340	Sandy silt (sZ); silt and very fine sand; very well sorted; dark gray (2.5Y 4/1)
350	Sandy silt (sZ); silt and very fine sand; very well sorted; dark gray (2.5Y 4/1)
360	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (2.5Y 4/1)
370	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; gray (2.5Y 6/1)
380	Silty sand (zS); fine to very fine sand and silt; well sorted; subrounded; gray (2.5Y 6/1)
390	Sandy silt (sZ); silt and very fine sand; very well sorted; dark gray (2.5Y 4/1)
400	Sandy silt(sZ); silt and very fine sand; very well sorted; dark gray (2.5Y 4/1)
410	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (2.5Y 4/1)
420	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (2.5Y 4/1)
430	Sand (S); fine to very fine sand; very well sorted; subrounded; dark gray (2.5Y 4/1)
440	Silty sand (zS); fine to very fine sand with silt; well sorted; subrounded; dark gray (2.5Y 4/1)
450	Sandy silt (sZ); silt and very fine sand; very well sorted; dark gray (2.5Y 4/1)
460	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (2.5Y 4/1)

Table ____. Lithologic SHAKER log for multiple well monitoring site SDAQ—Continued

Depth (ft)	Description
470	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (2.5Y 4/1)
480	Silty sand (zS); fine to very fine sand and silt; well sorted; subrounded; dark gray (2.5Y 4/1)
490	Sand (S); fine to very fine sand; very well sorted; subrounded; gray (2.5Y 5/1)
500	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (2.5Y 4/1)
510	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (2.5Y 4/1)
520	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (2.5Y 4/1)
530	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (2.5Y 4/1)
540	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (2.5Y 4/1)
550	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (2.5Y 4/1)
560	Sandy silt (sZ); silt and very fine sand; very well sorted; dark gray (2.5Y 4/1)
570	Sandy silt (sZ); silt and very fine sand with minor coarse to very coarse sand; well sorted; dark gray (2.5Y 4/1)
580	Sandy silt (sZ); silt and very fine sand; very well sorted; dark gray (2.5Y 4/1)
590	Sandy silt (sZ); silt and very fine sand; very well sorted; subrounded; dark gray (2.5Y 4/1)
600	Silty sand (zS); very fine sand and silt with minor coarse to very coarse sand; well sorted; subrounded; dark gray (2.5Y 4/1)
610	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (2.5Y 4/1)
620	Silty sand (zS); very fine sand and silt with minor very coarse sand; well sorted; subrounded; dark gray (2.5Y 4/1)

Table ____. Lithologic SHAKER log for multiple well monitoring site SDAQ—Continued

Depth (ft)	Description
630	Sandy silt (sZ); silt and very fine sand with minor coarse to very coarse sand; well sorted; dark gray (2.5Y 4/1)
640	Sandy silt (sZ); silt and very fine sand with minor coarse to very coarse sand; well sorted; dark gray (2.5Y 4/1)
650	Silty sand (zS); very fine sand and silt; very well sorted; subrounded; dark gray (2.5Y 4/1)
660	Sandy silt (sZ); silt and very fine sand; very well sorted; dark gray (2.5Y 4/1)
670	Sandy silt (sZ); silt and very fine sand; very well sorted; dark gray (2.5Y 4/1)
680	Silty sand (zS); very fine sand and silt with minor coarse to very coarse sand; well sorted; subrounded; dark gray (2.5Y 4/1)
690	Silty sand (zS); very fine sand and silt with coarse to very coarse sand; moderately sorted; subrounded; dark gray (2.5Y 4/1)
700	Silty sand (zS); very fine sand and silt with coarse to very coarse sand; moderately sorted; subrounded; dark gray (2.5Y 4/1)
710	Sandy silt (sZ); silt and very fine sand; very well sorted; dark gray (2.5Y 4/1)
720	Sand (S); medium to very fine sand with minor coarse to very coarse sand; moderately sorted; subrounded; dark gray (2.5Y 4/1)
730	Silty sand (zS); very fine sand and silt with minor coarse to very coarse sand; moderately sorted; subrounded; gray (2.5Y 5/1)
740	Clayey sandy silt (sM); silt and very fine sand with clay; well sorted; olive gray (5Y 5/2)
750	Clayey sandy silt (sM); silt and very fine sand with clay; well sorted; light olive brown (2.5Y 5/3)
760	Clayey sandy silt (sM); silt and very fine sand with clay; well sorted; light olive brown (2.5Y 5/4)
770	Clayey sandy silt (sM); silt and very fine sand with clay; well sorted; light olive brown (2.5Y 5/4)

Table ____. Lithologic SHAKER log for multiple well monitoring site SDAQ—Continued

Depth (ft)	Description
780	Gravelly clayey silty sand (gmS); fine sand to silt with clay and coarse sand to granules; very poorly sorted; subrounded; light yellowish brown (2.5Y 6/3)
790	Clayey sandy silt (sM); silt and very fine sand with some clay and minor very coarse sand; moderately sorted; light yellowish brown (2.5Y 6/4)
800	Clayey sandy silt (sM); silt and very fine sand with clay and minor coarse to very coarse sand; poorly sorted; pale olive (5Y 6/3)
810	Clayey sandy silt (sM); silt and very fine sand with clay and minor very coarse sand; moderately sorted; light yellowish brown (2.5Y 6/4)
820	Clayey sandy silt (sM); silt and very fine sand with clay and minor coarse to very coarse sand; poorly sorted; olive gray (5Y 5/2)
830	Clayey sandy silt (sM); silt and very fine sand with clay and minor coarse to very coarse sand; poorly sorted; dark greenish gray (10Y 4/1)
840	Sandy clayey silt (sM); silt and clay with very fine sand and minor coarse to very coarse sand; moderately sorted; dark gray (N 4/)
850	Silty sand (zS); very fine sand and silt with minor coarse to very coarse sand; moderately sorted; subrounded; very dark gray (N 3/)
860	Silty sand (zS); very fine sand and silt with minor coarse to very coarse sand; moderately sorted; subrounded; greenish gray (10Y 6/1)
870	Silty sand (zS); very fine sand and silt with minor coarse to very coarse sand; moderately sorted; subrounded; greenish gray (10Y 5/1)
880	Silty sand (zS); very fine sand and silt with minor coarse to very coarse sand; moderately sorted; subrounded; greenish gray (10Y 5/1)
890	Silty sand (zS); coarse to very coarse sand with very fine sand and silt; moderately sorted; subangular; very dark gray (N 3/1); <i>volcanic fragments</i>
900	Silty sand (zS); coarse to very coarse sand with very fine sand and silt; moderately sorted; subangular; very dark gray (N 3/1); <i>volcanic fragments</i>
910	Sand (S); coarse to very coarse sand with very fine to fine sand; moderately sorted; subangular; dark gray (N 4/1); <i>volcanic fragments</i>

Table ____. Lithologic SHAKER log for multiple well monitoring site SDAQ—Continued

Depth (ft)	Description
920	Silty sand (zS); coarse to very coarse sand with very fine sand and silt; moderately sorted; subangular; greenish gray (10Y 5/1); <i>minor volcanic fragments</i>
930	Silty sand (zS); very fine sand and silt with coarse to very coarse sand; moderately sorted; subangular to subrounded; greenish gray (10Y 5/1); <i>volcanic fragments</i>
940	Clayey silty sand (mS); very fine sand and silt with coarse to very coarse sand and clay; poorly sorted; subangular; greenish gray (10Y 6/1); <i>volcanic fragments</i>
945	(Washed)– Gravelly sand (gS); coarse to very coarse sand with granules and minor medium to fine sand; poorly sorted; subangular; multi-colored
947.5 Core	Fractured bedrock – <i>Santiago Peak Volcanics</i>