

**Table \_\_\_\_.** Lithologic SHAKER log for multiple well monitoring site SDOT in California

<b>Depth (ft)</b>	<b>Description</b>
10	Gravelly sand (gS); medium to very coarse sand with granules to small pebbles; poorly sorted; subrounded to angular; very dark grayish brown (10YR 3/2)
20	Gravel (G); granules to small pebbles with minor coarse sand; well sorted; subrounded to subangular; grayish brown (10YR 5/2)
30	Gravelly sand (gS); coarse to very coarse sand with granules to large pebbles; moderately sorted; subangular to angular; assorted colors
40	Gravelly sand (gS); medium to very coarse sand with granules to large pebbles; poorly sorted; subangular to subrounded; assorted colors
50	Gravelly sand (gS); medium to very coarse sand with granules; moderately sorted; subangular to angular; assorted colors
60	Slightly gravelly sand ((g)S); medium to very coarse sand with granules; well sorted; subangular to angular; light yellowish brown (10YR 6/4)
70	Silty sand (zS); fine to medium sand with silt; poorly sorted; subrounded; brown (10YR 4/3)
80	Silty sand (zS); very fine to medium sand with sill; poorly sorted; subrounded; dark brown (10YR 3/3)
90	Clayey sand (cS); very fine to medium sand with clay; poorly sorted; subrounded; dark brown (10YR 3/3)
100	Clayey sand (cS); very fine to medium sand with clay; poorly sorted; subrounded; dark brown (10YR 3/3)
110	Sand (S); very fine to coarse sand; poorly sorted; subrounded to subangular; brown (10YR 5/3)
120	Clayey sand (cS); very fine to medium sand with clay and trace granules; very poorly sorted; subrounded; brown (10YR 5/3)
130	Clayey sand (cS); very fine to medium sand with clay and trace granules; very poorly sorted; subrounded; brown (7.5YR 4/4)
140	Slightly gravelly clayey sand ((g)mS); very fine to coarse sand with clay and granules to medium pebbles; very poorly sorted; subrounded; brown (7.5YR 4/4)
150	Gravelly sand (gS); fine to very coarse sand with granules to large pebbles; poorly sorted; subangular to angular; brown (7.5YR 4/4)

**Table \_\_\_\_.** Lithologic SHAKER log for multiple well monitoring site SDOT in California—Continued

<b>Depth (ft)</b>	<b>Description</b>
160	Slightly gravelly sand ((g)S); fine to coarse sand with granules; poorly sorted; subangular; yellowish brown (10YR 5/4)
170	Sand (S); medium to very coarse sand; well sorted; subrounded; light yellowish brown (10YR 6/4)
180	Silty sand (zS); fine to very coarse sand with silt; poorly sorted; subrounded; brown (10YR 4/3)
190	Gravelly sand (gS); medium to very coarse sand with granules to medium pebbles; poorly sorted; subrounded to angular; yellowish brown (10YR 5/4)
200	Gravelly sand (gS); medium to very coarse sand with granules to small pebbles; poorly sorted; subrounded to subangular; light yellowish brown (10YR 6/4)
210	Slightly gravelly sand ((g)S); medium to very coarse sand with granules to medium pebbles; poorly sorted; subrounded to subangular; yellowish brown (10YR 5/4)
220	Gravelly sand (gS); coarse to very coarse sand with granules to small pebbles; moderately sorted; subangular to very angular; light yellowish brown (10YR 6/4)
230	Slightly gravelly sand ((g)S); medium to very coarse sand with granules; poorly sorted; subangular; yellowish brown (10YR 5/4)
240	Slightly gravelly sand ((g)S); fine to coarse sand with granules to small pebbles; poorly sorted; subangular; brown (10YR 5/3)
250	Slightly gravelly sand ((g)S); fine to very coarse sand with granules; poorly sorted; subrounded; brown (10YR 5/3)
260	Gravelly sand (gS); fine to very coarse sand with granules to small pebbles; poorly sorted; subrounded to angular; brown (10YR 5/3)
270	Slightly gravelly sand ((g)S); medium to very coarse sand with granules to medium pebbles; moderately sorted; subangular to angular; yellowish brown (10YR 5/4)
280	Slightly gravelly silty sand ((g)mS); very fine to medium sand with silt and minor clay with granules; very poorly sorted; subrounded; very dark grayish brown (10YR 3/2)
290	Gravelly sand (gS); medium to very coarse sand with granules to medium pebbles; poorly sorted; angular; brown (10YR 4/3)

**Table \_\_\_\_.** Lithologic SHAKER log for multiple well monitoring site SDOT in California—Continued

Depth (ft)	Description
300	Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; very dark grayish brown (10YR 3/2)
310	Gravelly sand (gS); medium to very coarse sand with granules to small pebbles; poorly sorted; subangular; brown (10YR 5/3)
320	Gravelly silty sand (gmS); very fine to coarse sand with silt and granules to small pebbles; poorly sorted; subangular; brown (10YR 5/3)
330	Gravelly sand (gS); medium to very coarse sand with granules to medium pebbles; poorly sorted; subangular to angular; brown (10YR 5/3)
340	Gravelly sand (gS); medium to very coarse sand with granules to medium pebbles; poorly sorted; subangular to angular; brown (10YR 5/3)
350	Slightly gravelly sand ((g)S); very fine to coarse sand with granules to small pebbles; poorly sorted; subangular to angular; yellowish brown (10YR 5/4)
360	Gravelly sand (gS); medium to very coarse sand with granules to medium pebbles; poorly sorted; subangular to angular; brown (10YR 5/3)
370	Slightly gravelly sand ((g)S); medium to very coarse sand with granules; moderately sorted; subangular; brown (10YR 5/3)
380	Slightly gravelly sand ((g)S); medium to very coarse sand with granules; moderately sorted; subangular; brown (10YR 5/3)
390	Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; grayish brown (10YR 5/2)
400	Slightly gravelly sand ((g)S); fine to very coarse sand with granules; poorly sorted; subangular; yellowish brown (10YR 5/4)
410	Silty gravelly sand (gmS); very fine to coarse sand, granules with silt and minor clay; poorly sorted; subangular; grayish brown (10YR 5/2)
420	Slightly gravelly silty sand ((g)mS); very fine to medium sand, silt, granules to small pebbles and minor clay; very poorly sorted; subangular; dark grayish brown (10YR 4/2)
430	Slightly gravelly silty sand ((g)mS); very fine to medium sand, silt, granules to small pebbles and minor clay; very poorly sorted; subangular; dark grayish brown (10YR 4/2)
440	Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1); <i>trace shell fragments</i>

**Table \_\_\_\_.** Lithologic SHAKER log for multiple well monitoring site SDOT in California—Continued

Depth (ft)	Description
450	Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1); <i>trace shell fragments</i>
460	Gravelly silty sand (gmS); very fine to coarse sand, silt, granules to small pebbles and minor clay; very poorly sorted; subangular to angular; dark gray (10YR 4/1); <i>shell fragments</i>
470	Slightly gravelly silty sand ((g)mS); very fine to coarse sand, silt, granules to small pebbles and minor clay; poorly sorted; subangular; dark gray (10YR 4/1); <i>shell fragments</i>
480	Gravelly sand (gS); very fine to coarse sand with granules to small pebbles; poorly sorted; subangular to angular; dark gray (10YR 4/1); <i>shell fragments</i>
490	Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1); <i>shell fragments</i>
500	Slightly gravelly silty sand ((g)mS); very fine to coarse sand, silt, granules to small pebbles and minor clay; poorly sorted; subangular; dark gray (10YR 4/1)
510	Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1)
520	Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1); <i>trace shell fragments</i>
530	Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1); <i>trace shell fragments</i>
540	Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1); <i>shell fragments</i>
550	Slightly gravelly silty sand ((g)mS); very fine to coarse sand, silt, granules and minor clay; poorly sorted; subangular to subrounded; dark gray (10YR 4/1); <i>shell fragments</i>
560	Slightly gravelly silty sand ((g)mS); very fine to medium sand, silt, granules and minor clay; poorly sorted; subangular; dark gray (10YR 4/1); <i>shell fragments</i>
570	Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1)
580	Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1); <i>trace shell fragments</i>

**Table \_\_\_\_.** Lithologic SHAKER log for multiple well monitoring site SDOT in California—Continued

<b>Depth (ft)</b>	<b>Description</b>
590	Silty sand (zS); very fine to fine sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1)
600	Silty sand (zS); very fine to fine sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1)
610	Silty sand (zS); very fine to fine sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1)
620	Silty sand (zS); very fine to fine sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1)
630	Silty sand (zS); very fine to fine sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1)
640	Silty sand (zS); very fine to fine sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1)
650	Silty sand (zS); very fine to fine sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1)
660	Silty sand (zS); very fine to fine sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1)
670	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
680	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
690	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
700	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
710	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
720	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
730	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
740	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)

**Table \_\_\_\_.** Lithologic SHAKER log for multiple well monitoring site SDOT in California—Continued

<b>Depth (ft)</b>	<b>Description</b>
750	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
760	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
770	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
780	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
790	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
800	Sandy clay (sC); clay with very fine to fine sand and minor silt; poorly sorted; very dark gray (10YR 3/1)
810	Sandy clay (sC); clay with very fine to fine sand and minor silt; poorly sorted; very dark gray (10YR 3/1)
820	Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1)
830	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; very dark gray (10YR 3/1)
840	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
850	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
860	Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1)
870	Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1)
880	Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1)
890	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; very dark gray (10YR 3/1)
900	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)

**Table \_\_\_\_.** Lithologic SHAKER log for multiple well monitoring site SDOT in California—Continued

<b>Depth (ft)</b>	<b>Description</b>
910	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
920	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
930	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
940	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
950	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
960	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
970	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
980	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
990	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
1000	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
1010	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
1020	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
1030	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
1040	Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1)
1050	Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1)
1060	Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1)

**Table \_\_\_\_.** Lithologic SHAKER log for multiple well monitoring site SDOT in California—Continued

<b>Depth (ft)</b>	<b>Description</b>
1070	Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1)
1080	Sandy clay (sC); clay with very fine to fine sand and minor silt; poorly sorted; dark gray (10YR 4/1)
1090	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
1100	Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1)
1110	Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1)
1120	Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1)
1130	Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1)
1140	Sandy clay (sC); clay with very fine to fine sand and minor silt; poorly sorted; dark gray (10YR 4/1)
1150	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
1160	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
1170	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
1180	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
1190	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
1200	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
1210	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
1220	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)

**Table \_\_\_\_.** Lithologic SHAKER log for multiple well monitoring site SDOT in California—Continued

<b>Depth (ft)</b>	<b>Description</b>
1230	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
1240	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
1250	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
1260	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
1270	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
1280	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
1290	Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1)
1300	Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1)
1310	Sandy clay (sC); clay with very fine to fine sand; moderately sorted; black (10YR 2/1)
1320	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
1330	Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1)
1340	Sandy clay (sC); clay with very fine sand; moderately sorted; very dark gray (10YR 3/1)
1350	Sandy clay (sC); clay with very fine sand; moderately sorted; very dark gray (10YR 3/1)
1360	Sandy clay (sC); clay with very fine sand; moderately sorted; very dark gray (10YR 3/1)
1370	Sandy clay (sC); clay with very fine sand; moderately sorted; very dark gray (10YR 3/1)
1380	Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (10YR 3/1)

**Table \_\_\_\_.** Lithologic SHAKER log for multiple well monitoring site SDOT in California—Continued

<b>Depth (ft)</b>	<b>Description</b>
1390	Sandy silt (sZ); silt with very fine sand; moderately sorted; dark gray (10YR 4/1)
1400	Sandy silt (sZ); silt with very fine sand; moderately sorted; dark gray (10YR 4/1)
1410	Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1)
1420	Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1)
1430	Sandy silt (sZ); silt with very fine sand; moderately sorted; dark gray (10YR 4/1)
1440	Sandy silt (sZ); silt with very fine sand; moderately sorted; dark gray (10YR 4/1)
1450	Sandy silt (sZ); silt with very fine sand; moderately sorted; dark gray (10YR 4/1)
1460	Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1)
1470	Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1)
1480	Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1)
1490	Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1)
1500	Silty sand (zS); very fine to fine sand with clay and silt; moderately sorted; subangular; dark gray (10YR 4/1)
1510	Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1)
1520	Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (10YR 3/1)
1530	Sandy clay (sC); clay with very fine sand; moderately sorted; very dark gray (10YR 3/1)
1540	Sandy clay (sC); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1)

**Table \_\_\_\_.** Lithologic SHAKER log for multiple well monitoring site SDOT in California—Continued

Depth (ft)	Description
1550	Sandy silt (sZ); clay and silt with very fine sand to medium sand; poorly sorted; dark gray (10YR 4/1); <i>shell fragments</i>
1560	Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1); <i>trace shell fragments</i>
1570	Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1)
1580	Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1); <i>shell fragments</i>
1590	Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1)
1600	Sandy silt (sZ); silt with very fine sand; moderately sorted; dark gray (10YR 4/1)
1605 Shoe 1C	Silt (Z); silt with minor clay and trace very fine sand; very well sorted; very dark gray (2.5Y 3/1); trace mica