

**Table \_\_\_\_.** Lithologic SHAKER log for multiple well monitoring site SDEP

<b>Depth (ft)</b>	<b>Description</b>
10	Slightly gravelly sandy silty clay ((g)sM); clay and silt with fine sand to granules; poorly sorted; dark brown (10YR 3/3)
20	Sandy silty clay (sM); clay and silt with coarse to very coarse sand; moderately sorted; dark yellowish brown (10YR 4/4)
30	Slightly gravelly sandy silty clay ((g)sM); clay and silt with medium sand to granules; poorly sorted; dark yellowish brown (10YR 4/4)
40	Gravelly sand (gS); coarse sand to granules; moderately sorted; subangular; dark yellowish brown (10YR 4/4)
50	Slightly gravelly sandy silty clay ((g)sM); clay and silt with coarse sand to granules; moderately sorted; dark yellowish brown (10YR 4/4)
60	Slightly gravelly sandy silty clay ((g)sM); clay and silt with coarse sand to granules; moderately sorted; dark yellowish brown (10YR 4/4)
70	Gravelly silty clayey sand (gmS); coarse to very coarse sand with clay, silt, and granules; moderately sorted; subangular; dark yellowish brown (10YR 4/4)
75 1C shoe	Silty Sand (zS); very fine to coarse sand and silt; poorly sorted; subangular; dark yellowish brown (10YR 4/4)
80 2C shoe	Sand (S); medium to coarse sand; very well sorted; subangular to angular; dark yellowish brown (10YR 4/6)
85 3C shoe	Slightly gravelly silty sand ((g)mS); very fine to very coarse sand, silt and granules; poorly sorted; subangular; brown (7.5YR 4/4)
90 4C shoe	Sandy clayey silt (sM); silt, clay and very fine to fine sand; moderately to well sorted; brown (7.5YR 4/4)
95 5C shoe	Sand (S); medium to very coarse sand; moderately to well sorted; subangular to angular; dark yellowish brown (10YR 4/4)
100 6C shoe	Sand (S); medium to very coarse sand; moderately to well sorted; subangular to angular; dark yellowish brown (10YR 4/6)
105 7C shoe	Sandy silty clay (sM); clay, silt and very fine to fine sand; moderately to well sorted; brown (7.5YR 4/4)
110 8C shoe	Clayey silty sand (mS); very fine to fine sand, silt and clay; moderately sorted; angular; brown (7.5YR 4/4)

**Table \_\_\_\_.** Lithologic SHAKER log for multiple well monitoring site SDEP—Continued

<b>Depth (ft)</b>	<b>Description</b>
120	Gravelly silty clayey sand (gmS); coarse to very coarse sand with clay, silt, and granules; moderately sorted; subangular; dark yellowish brown (10YR 4/4)
130	Gravelly sand (gS); coarse sand to granules; moderately sorted; subangular; yellowish brown (10YR 5/4)
140	Gravelly sand (gS); coarse sand to granules; moderately sorted; subangular to subrounded; dark yellowish brown (10YR 4/4)
150	Gravelly silty sand (gmS); coarse sand to granules with minor silt; moderately sorted; subangular; brown (10YR 4/3)
160	Slightly gravelly sandy clayey silt ((g)sM); silt and clay with medium sand to granules; poorly sorted; yellowish brown (10YR 5/4)
170	Slightly gravelly sandy clayey silt ((g)sM); silt and clay with medium sand to granules; poorly sorted; brown (7.5YR 4/4)
180	Slightly gravelly sandy clayey silt ((g)sM); silt and clay with medium sand to granules; poorly sorted; brown (7.5YR 4/4)
190	Gravelly sand (gS); coarse sand to granules; moderately sorted; subangular to subrounded; yellowish brown (10YR 5/4)
200	Slightly gravelly sandy clayey silt ((g)sM); silt and clay with medium sand to granules; poorly sorted; dark yellowish brown (10YR 4/4)
210	Slightly gravelly sandy clayey silt ((g)sM); silt, clay and very fine sand with coarse sand to granules; poorly sorted; dark yellowish brown (10YR 4/4)
220	Slightly gravelly sandy clayey silt ((g)sM); silt and clay with medium sand to granules; poorly sorted; dark yellowish brown (10YR 4/4)
230	Gravelly sand (gS); coarse sand to granules; moderately sorted; subangular to subrounded; yellowish brown (10YR 5/4)
240	Gravelly silty sand (gmS); coarse sand to granules with minor silt; moderately sorted; subangular to subrounded; dark yellowish brown (10YR 4/4)
250	Slightly gravelly sandy silty clay ((g)sM); clay and silt with coarse sand to granules; moderately sorted; dark yellowish brown (10YR 4/4)
260	Gravelly silty clayey sand (gmS); coarse sand to granules with silt and clay; moderately sorted; subangular; dark yellowish brown (10YR 4/4)

**Table \_\_\_\_.** Lithologic SHAKER log for multiple well monitoring site SDEP—Continued

<b>Depth (ft)</b>	<b>Description</b>
262 9C shoe	Sand (S); fine to very coarse sand; moderately to poorly sorted; angular; light brownish gray (10YR 6/2)
267 10C shoe	Sand (S); medium to very coarse sand; moderately sorted; angular to subangular; dark yellowish brown (10YR 4/4)
270	Gravelly silty sand (gmS); very fine and coarse to very coarse sand with silt and granules; very poorly sorted; subangular; dark yellowish brown (10YR 4/4)
280	Slightly gravelly sandy clayey silt ((g)sM); silt and clay with coarse sand to granules; poorly sorted; dark yellowish brown (10YR 4/4)
290	Gravelly silty sand (gmS); very fine and coarse to very coarse sand with silt and granules; very poorly sorted; subangular to subrounded; olive brown (2.5Y 4/3)
300	Slightly gravelly sandy clayey silt ((g)sM); silt, clay and very fine sand with coarse sand to granules; poorly sorted; olive brown (2.5Y 4/3)
310	Gravelly sand (gS); coarse sand to pebbles < 10 mm; moderately sorted; subangular; light olive brown (2.5Y 5/4)
320	Slightly gravelly sandy silty clay ((g)sM); clay, silt and very fine sand with coarse sand to granules; poorly sorted; light olive brown (2.5Y 5/4)
325 11C shoe	Silty sand (zS); very fine to medium sand and silt; moderately to well sorted; angular; light yellowish brown (2.5Y 6/4)
330 12C shoe	Silty sand (zS); very fine to medium sand and silt; moderately to well sorted; angular; light yellowish brown (2.5Y 6/4)
335 13C shoe	Slightly gravelly sand ((g)S); fine to very coarse sand and granules; poorly sorted; subangular to angular; light olive brown (2.5Y 5/3)
340 14C shoe	Silty sand (zS); very fine to coarse sand and silt; poorly sorted; angular to subangular; olive brown (2.5Y 4/3)
345 15C shoe	Silty sand (zS); very fine to coarse sand and silt; poorly sorted; angular to subangular; olive brown (2.5Y 4/3)
350 16C shoe	Sand (S); fine to coarse sand; moderately sorted; angular to subangular; olive brown (2.5Y 4/3)
360	Gravelly sand (gS); coarse sand to pebbles <10 mm; moderately sorted; subangular; light olive brown (2.5Y 5/4)

**Table \_\_\_\_.** Lithologic SHAKER log for multiple well monitoring site SDEP—Continued

Depth (ft)	Description
370	Gravelly silty sand (gmS); coarse to very coarse sand with very fine sand, silt, and granules to pebbles < 10 mm; poorly sorted; subangular; light olive brown (2.5Y 5/4)
380	Gravelly silty clayey sand (gmS); coarse to very coarse sand with silt, clay and granules to pebbles < 10 mm; poorly sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
390	Gravelly silty clayey sand (gmS); coarse to very coarse sand with silt, clay and granules; poorly sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
400	Gravelly silty sand (gmS); coarse to very coarse sand with very fine sand, silt and granules; poorly sorted; subangular; light olive brown (2.5Y 5/3)
405	Gravelly silty sand (gmS); coarse sand to granules with occasional silt; moderately sorted; subangular; light olive brown (2.5Y 5/3)
410 17C shoe	Sand (S); fine to coarse sand; moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
415 18C shoe	Sand (S); fine to very coarse sand; moderately to poorly sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
420 19C shoe	Sand (S); fine to very coarse sand; moderately to poorly sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
430	Gravelly sand (gS); very fine sand to granules; very poorly sorted; subangular; light olive brown (2.5Y 5/3)
440	Slightly gravelly sandy silty clay ((g)sM); clay and silt with coarse sand to granules; poorly sorted; light olive brown (2.5Y 5/3)
450	Sandy silty clay (sM); clay and silt with coarse to very coarse sand; poorly sorted; olive brown (2.5Y 4/3)
460	Slightly gravelly sandy silty clay ((g)sM); clay and silt with coarse sand to granules; moderately sorted; olive brown (2.5Y 4/3)
470	Slightly gravelly sandy silty clay ((g)sM); clay and silt with coarse sand to granules; moderately sorted; olive brown (2.5Y 4/3)
480	Gravelly sand (gS); medium sand to pebbles <10 mm; moderately sorted; angular to subangular; olive brown (2.5Y 4/3)

**Table \_\_\_\_.** Lithologic SHAKER log for multiple well monitoring site SDEP—Continued

Depth (ft)	Description
490	Gravelly sand (gS); medium sand to pebbles <10 mm; moderately sorted; subangular; olive brown (2.5Y 4/3)
500	Gravelly silty sand (gmS); coarse to very coarse sand with fine sand, silt, and granules; poorly sorted; subangular; light olive brown (2.5Y 5/3)
510	Gravelly silty clayey sand (gmS); coarse to very coarse sand with silt, clay and granules; moderately sorted; subangular to subrounded; olive brown (2.5Y 4/3)
520	Gravelly silty sand (gmS); coarse to very coarse sand with silt and granules; moderately sorted; subangular; light olive brown (2.5Y 5/3)
525 20C shoe	Sand (S); fine to coarse sand; moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
530 21C shoe	Sand (S); fine to coarse sand; moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
535 22C shoe	Sand (S); fine to very coarse sand; moderately to poorly sorted; subangular to subrounded; light olive brown (2.5Y 5/3); <i>calcareous</i>
540 23C shoe	No recovery
550	Gravelly sand (gS); very fine sand to granules; very poorly sorted; subangular; olive brown (2.5Y 4/3)
560	Slightly gravelly sandy silty clay ((g)sM); clay and silt with coarse sand to granules; poorly sorted; olive brown (2.5Y 4/3)
570	Gravelly silty sand (gmS); fine to very coarse sand with silt and granules; poorly sorted; subangular; olive brown (2.5Y 4/3)
580	Gravelly silty sand (gmS); fine to very coarse sand with silt and granules; poorly sorted; subangular; light olive brown (2.5Y 5/3)
588	Gravelly silty sand (gmS); medium to very coarse sand with silt and granules; moderately sorted; subangular; light olive brown (2.5Y 5/3)
598	Gravelly silty clayey sand (gmS); coarse to very coarse sand with clay, silt, and granules; moderately sorted; subangular; light olive brown (2.5Y 5/3)
608	Sandy silty clay (sM); clay and silt with medium sand to very coarse sand; moderately sorted; olive brown (2.5Y 4/3)

**Table \_\_\_\_.** Lithologic SHAKER log for multiple well monitoring site SDEP—Continued

Depth (ft)	Description
618	Sandy silty clay (sM); clay and silt with medium sand to very coarse sand; moderately sorted; olive brown (2.5Y 4/3)
628	Slightly gravelly sandy silty clay ((g)sM); clay and silt with medium sand to granules; poorly sorted; light olive brown (2.5Y 5/3)
638	Slightly gravelly sandy silty clay ((g)sM); clay and silt with medium sand to granules; poorly sorted; olive brown (2.5Y 4/3)
648	Slightly gravelly sandy silty clay ((g)sM); clay and silt with medium sand to granules; poorly sorted; olive brown (2.5Y 4/3)
658	Sandy clayey silt (sM); silt, clay and very fine sand with minor coarse to very coarse sand; moderately sorted; olive brown (2.5Y 4/3)
668	Sandy clayey silt (sM); silt, clay and very fine sand; moderately sorted; olive (5Y 5/3)
678	Sandy clayey silt (sM); silt, clay and very fine sand; moderately sorted; olive gray (5Y 4/2)
688	Sandy silty clay (sM); clay and silt with medium to very coarse sand; moderately sorted; dark olive gray (5Y 3/2)
698	Sandy clayey silt (sM); silt and clay with fine to very coarse sand; poorly sorted; olive gray (5Y 4/2)
708	Sandy silty clay (sM); clay and silt with medium to very coarse sand; moderately sorted; olive gray (5Y 4/2)
718	Sandy clayey silt (sM); silt and clay with fine to very coarse sand; very poorly sorted; olive gray (5Y 4/2)
728 24C shoe	No recovery
733 25C shoe	No recovery
740	Sandy clayey silt (sM); silt, clay and very fine sand with medium to coarse sand; moderately sorted; dark olive gray (5Y 3/2)
750	Sandy clayey silt (sM); silt and clay with medium to very coarse sand; moderately sorted; dark olive gray (5Y 3/2)

**Table \_\_\_\_.** Lithologic SHAKER log for multiple well monitoring site SDEP—Continued

<b>Depth (ft)</b>	<b>Description</b>
760	Sandy clayey silt (sM); silt and clay with fine to very coarse sand; poorly sorted; dark olive gray (5Y 3/2)
770	Silty sand (zS); coarse to very coarse sand with silt; moderately sorted; subrounded; olive gray (5Y 4/2)
780	Sandy silt (sZ); silt with coarse to very coarse sand; moderately sorted; shell fragments; dark olive gray (5Y 3/2)
790	Sandy silt (sZ); silt and very fine sand; well sorted; very dark greenish gray (10Y 3/1); <i>shell fragments</i>
800	Sandy silt (sZ); silt and very fine sand; well sorted; dark greenish gray (10Y 4/1); <i>shell fragments</i>
810	Silty clay (M); clay and silt; well sorted; olive gray (5Y 4/2); <i>shell fragments</i>
820	Clayey silt (M); silt with clay; well sorted; olive gray (5Y 4/2); <i>shell fragments</i>
830	Clayey silt (M); silt with occasional clay; well sorted; dark olive gray (5Y 3/2); <i>shell fragments</i>
840	Clayey silt (M); silt with clay; well sorted; very dark greenish gray (10Y 3/1)
850	Sandy silt (sZ); silt and very fine sand; well sorted; very dark greenish gray (10Y 3/1)
860	Sandy silt (sZ); silt and very fine sand; well sorted; dark greenish gray (10Y 4/1)
870	Sandy clayey silt (sM); silt, clay and very fine sand; moderately sorted; very dark greenish gray (10Y 3/1)
880	Sandy silt (sZ); silt and very fine sand; well sorted; dark greenish gray (10Y 4/1)
890	Sandy silt (sZ); silt and very fine sand; well sorted; dark greenish gray (10Y 4/1)
900	Clayey silt (M); silt and clay; well sorted; shell fragments; very dark greenish gray (10Y 3/1)
910	Sandy silt (sZ); silt and very fine sand; well sorted; dark greenish gray (10Y 4/1); <i>shell fragments</i>

**Table \_\_\_\_.** Lithologic SHAKER log for multiple well monitoring site SDEP—Continued

<b>Depth (ft)</b>	<b>Description</b>
920	Clayey silt (M); silt with occasional clay; well sorted; dark greenish gray (10Y 4/1); <i>shell fragments</i>
930	Clayey silt (M); silt and clay; well sorted; very dark greenish gray (10Y 3/1); <i>shell fragments</i>
940	Clayey silt (M); silt and clay; well sorted; very dark greenish gray (10Y 3/1); <i>shell fragments</i>
950	Clayey silt (M); silt and clay; well sorted; very dark greenish gray (10Y 3/1)
960	Sandy silty clay (sM); clay and silt with coarse to very coarse sand; moderately sorted; olive brown (2.5Y 4/4)
970	Silty clay (M); clay and silt; well sorted; dark olive gray (5Y 3/2); <i>shell fragments</i>
980	Clayey silt (M); silt and clay; well sorted; dark olive gray (5Y 3/2); <i>shell fragments</i>
990	Clayey silt (M); silt and clay; well sorted; dark olive gray (5Y 3/2); <i>shell fragments</i>
1,000	Clayey silt (M); silt and clay; well sorted; very dark greenish gray (10Y 3/1); <i>shell fragments</i>
1,010	Clayey silt (M); silt and clay; well sorted; very dark greenish gray (10Y 3/1)
1,020	Clayey silt (M); silt and clay; well sorted; very dark greenish gray (10Y 3/1)
1,030	Clayey silt (M); silt and clay; well sorted; very dark greenish gray (10Y 3/1)
1,040	Clayey silt (M); silt and clay; well sorted; very dark greenish gray (10Y 3/1)
1,050	Clayey silt (M); silt with clay; well sorted; very dark greenish gray (10Y 3/1)
1,060	Clayey silt (M); silt and clay; well sorted; very dark greenish gray (10Y 3/1)
1,070	Clayey silt (M); silt and clay; well sorted; very dark greenish gray (10Y 3/1); <i>shell fragments</i>
1,080	Clayey silt (M); silt and clay; well sorted; dark greenish gray (10Y 4/1); <i>shell fragments</i>
1,090	Clayey silt (M); silt and clay; well sorted; dark greenish gray (10Y 4/1); <i>shell fragments</i>

**Table \_\_\_\_.** Lithologic SHAKER log for multiple well monitoring site SDEP—Continued

Depth (ft)	Description
1,100	Sandy silt (sZ); silt and very fine sand; well sorted; olive gray (5Y 4/2)
1,110	Sandy silt (sZ); silt with very fine sand; well sorted; olive gray (5Y 4/2)
1,120	Sandy silt (sZ); silt with very fine sand; well sorted; olive gray (5Y 4/2)
1,130	Sandy silt (sZ); silt and very fine sand; well sorted; olive gray (5Y 4/2)
1,140	Clayey silt (M); silt and clay; well sorted; dark olive gray (5Y 3/2)
1,150	Sandy clayey silt (sM); silt with clay and very fine sand; moderately sorted; olive gray (5Y 4/2)
1,160	Sandy silty clay (sM); clay and silt with medium to very coarse sand; moderately sorted; olive gray (5Y 4/2)
1,175 26C shoe	No recovery
1,180 27C shoe	No recovery
1,190	Gravelly sand (gS); medium sand to granules; moderately sorted; subangular; olive gray (5Y 4/2)
1,200	Gravelly sand (gS); medium sand to granules; moderately sorted; subangular; olive gray (5Y 4/2)
1,210	Gravelly silty clayey sand (gmS); medium to very coarse sand with very fine sand, clay and granules; poorly sorted; subangular; olive gray (5Y 4/2)
1,220	Gravelly silty clayey sand (gmS); medium sand to granules with clay to very fine sand; poorly sorted; subangular; olive gray (5Y 4/2)
1,230	Sandy silty clay (sM); clay and silt with medium to very coarse sand; moderately sorted; olive gray (5Y 4/2)
1,240	Sandy silty clay (sM); clay and silt with medium to very coarse sand; moderately sorted; olive gray (5Y 4/2)
1,250	Gravelly silty clayey sand (gmS); coarse to very coarse sand with very fine sand, clay and granules; poorly sorted; subangular; olive gray (5Y 4/2)
1,260	Gravelly silty clayey sand (gmS); medium to very coarse sand with clay, silt and granules; very poorly sorted; subangular; olive gray (5Y 4/2)

**Table \_\_\_\_.** Lithologic SHAKER log for multiple well monitoring site SDEP—Continued

Depth (ft)	Description
1,270	Slightly gravelly sandy silty clay ((g)sM); clay and silt with medium sand to granules; poorly sorted; olive gray (5Y 5/2)
1,280	Slightly gravelly sandy silty clay ((g)sM); clay and silt with medium sand to granules; poorly sorted; olive gray (5Y 5/2)
1,290	Slightly gravelly sandy silty clay ((g)sM); clay and silt with medium sand to granules; poorly sorted; olive gray (5Y 5/2)
1,300	Gravelly sand (gS); medium sand to granules; moderately sorted; subangular; olive gray (5Y 5/2)
1,305 28C shoe	No recovery
1,320	Sand (S); medium to very coarse sand; moderately sorted; subangular; light olive brown (2.5Y 5/3)