

Table XX. Lithologic SIEVE log for multiple-well monitoring site SDOR (18S/02W-23G02-06S), near San Diego, San Diego County, California, May-June 2005

[Location shown in figure XX. Altitude of land surface, approximately XX feet above vertical datum. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by U.S. Geological Survey using hydraulic rotary to 1,472 feet, May-June 2005. Total depth drilled 1,502ft. Well casing to 1,480ft. Screened interval: 1,440-1,480, 1,100-1,120, 700-720, 260-280, and 35-75ft.]

Depth (ft)		Description
From	To	
0	20	Sand (S); fine to medium sand with trace gravel <9 mm; well sorted; subangular to subrounded; light olive brown (2.5Y 5/4)
20	40	Sand (S); fine to coarse sand; moderately sorted; subangular to subrounded; yellowish brown (10YR 5/6)
40	60	Sand (S); very fine sand with trace gravel <6 mm; well sorted; subangular to subrounded; brown (10YR 5/3)
60	80	Sand (S); fine to medium sand with minor coarse sand; moderately sorted; subangular to rounded; yellowish brown (10YR 5/8)
80	100	Sand (S); fine to medium sand with trace coarse to very coarse sand and gravel <10 mm; poorly sorted; subangular to subrounded; dark gray (2.5Y 4/1); <i>abundant shell fragments</i>
100	110	No sample collected
110	130	Clayey silt (M); silt with clay and very fine sand; well sorted; dark gray (2.5Y 4/1); <i>shell fragments</i>
130	150	Sand (S); very fine; well sorted; subangular to subrounded; dark gray (2.5Y 4/1); <i>shell fragments</i>
150	170	Sand (S); very fine to fine sand; very well sorted; subangular to subrounded; dark gray (2.5Y 4/1); <i>abundant shell fragments</i>
170	190	Sand (S); very fine to fine; well sorted; subangular to subrounded; dark gray (2.5Y 4/1); <i>abundant shell fragments</i>
190	210	Clayey silty sand (mS); very fine to fine sand, silt and clay; well sorted; subangular to rounded; dark gray (2.5Y 4/1); <i>abundant shell fragments</i>
210	230	Clayey silty sand (mS); very fine to medium sand, silt and trace gravel <11 mm; poorly sorted; subangular to rounded; dark gray (2.5Y 4/1); <i>shell fragments</i>
230	250	Clayey silty sand (mS); very fine to fine sand, silt and clay; well sorted; subangular to subrounded; dark gray (2.5Y 4/1); <i>minor shell fragments</i>

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Depth (ft)		Description
From	To	
250	270	Clayey silty sand (mS); very fine to fine sand, silt and clay; well sorted; subangular to subrounded; very dark gray (5Y 3/1); <i>minor shell fragments</i>
270	280	Clayey silty sand (mS); very fine to fine sand, silt and clay; well sorted; subangular to subrounded; very dark gray (5Y 3/1); <i>minor shell fragments</i>
280	300	No sample collected
300	310	Silty clay (M); clay with silt; very well sorted; dark gray (2.5Y 4/1); <i>shell fragments</i>
310	320	No sample collected
320	330	Sandy clayey silt (sM); silt and clay with very fine to fine sand; well sorted; dark gray (2.5Y 4/1); <i>shell fragments</i>
330	350	Sandy clayey silt (sM); silt and clay with very fine to fine sand; well sorted; dark gray (2.5Y 4/1); <i>shell fragments</i>
350	370	Sandy clayey silt (sM); silt and clay with very fine sand; well sorted; dark gray (2.5Y 4/1); <i>shell fragments</i>
370	390	Sandy clayey silt (sM); silt and clay with very fine sand; well sorted; dark gray (2.5Y 4/1); <i>shell fragments</i>
390	410	Sandy clayey silt (sM); silt and clay with very fine sand; well sorted; dark gray (2.5Y 4/1); <i>shell fragments</i>
410	430	Sandy clayey silt (sM); silt and clay with very fine sand; well sorted; dark gray (2.5Y 4/1); <i>shell fragments</i>
430	450	Silty sand (zS); very fine sand and silt with minor clay; well sorted; subangular to subrounded; dark gray (2.5Y 4/1); <i>shell fragments</i>
450	470	Sandy clayey silt (sM); silt and clay with very fine sand; well sorted; dark gray (2.5Y 4/1); <i>shell fragments</i>
470	490	Sandy clayey silt (sM); silt and clay with very fine sand; well sorted; dark gray (2.5Y 4/1); <i>shell fragments</i>
490	510	Sandy clayey silt (sM); silt and clay with very fine sand; well sorted; dark gray (2.5Y 4/1); <i>shell fragments</i>

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Depth (ft)		Description
From	To	
510	530	Sandy clayey silt (sM); silt and clay with very fine sand; well sorted; dark gray (2.5Y 4/1); <i>shell fragments</i>
530	550	Silty sand (zS); very fine to fine sand, silt and clay; well sorted; subangular to subrounded; very dark gray (5Y 3/1); <i>shell fragments</i>
550	570	Silty clayey sand (mS); fine to medium sand with clay and silt; moderately sorted; subangular to subrounded; dark gray (2.5Y 4/1); <i>shell fragments</i>
570	580	No sample collected
580	590	Sandy clay (sC); clay with very fine to fine sand; well sorted; light brownish gray (2.5Y 6/2)
590	610	Clayey sand (cS); very fine to fine sand with minor medium sand and clay; well to moderately sorted; subangular to subrounded; light brownish gray (2.5Y 6/2)
610	630	Sandy clay (sC); clay with very fine to coarse sand; poorly sorted; light brownish gray (2.5Y 6/2)
630	650	Sandy clay (sC); clay with very fine to coarse sand; poorly sorted; light brownish gray (2.5Y 6/2)
650	670	Silty clay (M); clay with silt; very well sorted; light brownish gray (2.5Y 6/2)
670	690	Silty sand (zS); very fine sand with silt; well sorted; subangular to subrounded; light brownish gray (2.5Y 6/2)
690	710	Sand (S); very fine to fine sand with minor clay ball; well sorted; subangular to subrounded; grayish brown (2.5Y 5/2)
710	730	Sand (S); very fine to fine with minor clay; well sorted; subangular to subrounded; grayish brown (2.5Y 5/2)
730	750	Sandy clay (sC); clay with very fine to fine sand; well sorted; grayish brown (2.5Y 5/2)
750	770	Sand (S); very fine to fine sand; very well sorted; subangular to subrounded; grayish brown (2.5Y 5/2)
770	790	Sand (S); fine sand; very well sorted; subangular to subrounded; grayish brown (2.5Y 5/2)

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Depth (ft)		Description
From	To	
790	810	Sand (S); fine sand; very well sorted; subangular to subrounded; grayish brown (2.5Y 5/2)
810	820	Sand (S); fine sand; very well sorted; subangular to subrounded; grayish brown (2.5Y 5/2)
820	825	No sample collected
825	830	Sand (S); very fine to fine sand with minor clay; well sorted; subangular to subrounded; grayish brown (2.5Y 5/2)
830	850	Sand (S); very fine to fine sand with minor clay; well sorted; subangular to subrounded; grayish brown (2.5Y 5/2)
850	870	Sand (S); very fine to fine sand with minor clay; well sorted; subangular to subrounded; grayish brown (2.5Y 5/2)
870	890	Sand (S); very fine to fine sand with minor clay; well sorted; subangular to subrounded; grayish brown (2.5Y 5/2)
890	896	No sample collected
896	910	Sand (S); fine to medium sand with minor very fine sand; moderately to well sorted; subangular to rounded; grayish brown (2.5Y 5/2)
910	930	Sand (S); fine to medium sand with minor very fine sand; moderately sorted; subangular to rounded; grayish brown (2.5Y 5/2)
930	950	Sand (S); fine to medium sand with minor very fine to very coarse sand; poorly to moderately sorted; subangular to rounded; light olive brown (2.5Y 5/3)
950	970	Sand (S); fine to medium sand with minor very fine to very coarse sand and gravel <31 mm; poorly sorted; subangular to rounded; light olive brown (2.5Y 5/3)
970	990	Sand (S); fine to medium sand with minor coarse to very coarse sand; moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
990	1000	Sand (S); fine to medium sand with minor coarse to very coarse sand; moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1000	1010	Sand (S); fine to medium sand with minor coarse sand; moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)

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Depth (ft)		Description
From	To	
1010	1030	Sand (S); fine to medium sand with minor coarse sand and clay; moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1030	1040	Sand (S); fine to medium sand with minor coarse and with trace very coarse sand; moderately sorted; subangular to rounded; light olive brown (2.5Y 5/3)
1040	1060	Sand (S); fine to medium sand with minor coarse sand; well sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1060	1080	Sand (S); fine sand with minor very fine to coarse sand; moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1080	1100	Sand (S); fine to medium sand with minor coarse sand; moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1100	1120	Sand (S); fine to medium sand with minor coarse sand; moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1120	1140	Sand (S); fine to medium sand with minor coarse sand; moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1140	1160	Sand (S); fine to medium sand with minor coarse sand; moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1160	1180	Sand (S); fine to medium sand; well to moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1180	1200	Sand (S); fine to medium sand; well to moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1200	1220	Sand (S); fine to medium sand; well to moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1220	1240	Sand (S); fine to medium sand; well to moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1240	1260	Sand (S); fine to medium sand; well to moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1260	1280	Sand (S); fine to medium sand; well to moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)

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From	To	
1280	1300	Sand (S); fine to medium sand; well to moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1300	1320	Sand (S); fine to medium sand; well to moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1320	1340	Sand (S); fine to medium sand; well to moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1340	1360	Sand (S); fine to medium sand; well to moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1360	1380	Sand (S); fine to medium sand; well to moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1380	1400	Sand (S); fine to medium sand and minor coarse to very coarse sand; moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1400	1420	Sand (S); fine to medium sand with minor coarse sand; well sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1420	1440	Sand (S); fine to medium sand with minor coarse sand; well sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1440	1460	Sand (S); fine to medium sand with minor coarse sand; well sorted; subangular to subrounded; light olive brown (2.5Y 5/3)
1460	1472	Sand (S); fine sand with medium and coarse sand; well sorted; subangular to subrounded; light olive brown (2.5Y 5/3)