


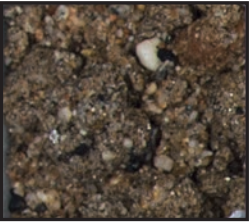













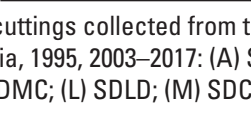
Depth interval (feet) and description	Depth interval (feet) and description
	
<p>0–30: No sieve sample collected.</p> <p>30–50: Sand (S); very fine to coarse sand; moderately sorted; angular to subangular; yellowish brown (10YR 5/4).</p>	<p>180–200: Slightly gravelly silty sand ((g)mS); coarse sand to granules with silt; moderately sorted; angular; strong brown (7.5YR 4/6).</p>
	
<p>50–60: Sand (S); very fine to coarse sand; moderately sorted; angular to subangular; yellowish brown (10YR 5/6).</p>	<p>200–220: Sand (S); fine to very coarse sand; moderately sorted; angular to subangular; light yellowish brown (10YR 6/4).</p>
	
<p>60–70: Sand (S); very fine to very coarse sand; moderately sorted; angular to subangular; yellowish brown (10YR 5/6).</p>	<p>220–240: Sand (S); medium to very coarse sand; moderately sorted; angular to subangular; light yellowish brown (10YR 6/4).</p>
	
<p>70–110: <i>Cores 1, 2, 3, 4, 5, 6, 7, and 8.</i></p> <p>110–120: Sand (S); fine to coarse sand; moderately sorted; angular to subangular; yellowish brown (10YR 5/6).</p>	<p>240–260: Sand (S); fine to very coarse sand; moderately sorted; angular to subangular; light yellowish brown (10YR 6/4).</p>
	
<p>120–140: Sand (S); fine to coarse sand; moderately sorted; angular to subangular; yellowish brown (10YR 5/6).</p>	<p>260–267: <i>Cores 9 and 10.</i></p>
	
<p>140–160: Sand (S); fine to coarse sand; moderately sorted; angular to subangular; yellowish brown (10YR 5/4).</p>	<p>267–280: No sieve sample collected.</p>
	
<p>160–180: Sand (S); fine to coarse sand; moderately sorted; angular to subangular; yellowish brown (10YR 5/6).</p>	<p>280–300: Sand (S); fine to coarse sand; moderately sorted; subangular; yellowish brown (10YR 5/4).</p>
	
	<p>300–320: Sand (S); fine to coarse sand; moderately sorted; subangular; light yellowish brown (10YR 6/4).</p> <p>320–350: <i>Cores 11, 12, 13, 14, 15, and 16.</i></p>
	
	<p>350–360: Sand (S); fine to very coarse sand; moderately sorted; subangular; light yellowish brown (10YR 6/4).</p>

Figure 18H. Lithologic descriptions and photographs of **sieve** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 1995, 2003–2017: (A) SDCD; (B) SDSY; (C) SDLH; (D) SDAQ; (E) SDPC; (F) SDBP; (G) SDHF; **(H) SDEP**; (I) SDNB; (J) SDSW; (K) SDMC; (L) SLDL; (M) SDCC; (N) SDOR; (O) SDOT; and (P) SDBW.

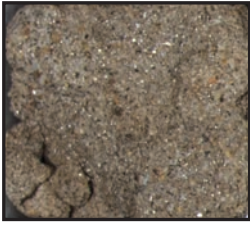

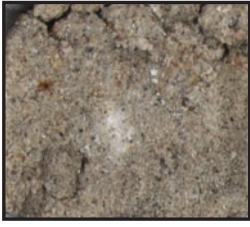

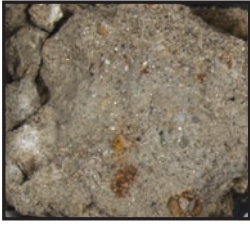
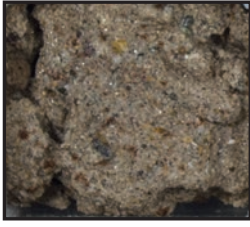
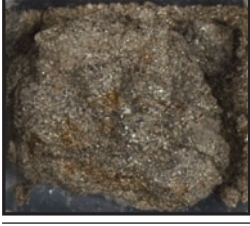






Depth interval (feet) and description	Depth interval (feet) and description
	
<p>360–380: Sand (S); fine to very coarse sand; moderately sorted; angular to subangular; light yellowish brown (10YR 6/4).</p> <p>380–400: No sieve sample collected.</p>	<p>540–560: Sand (S); fine to coarse sand; moderately sorted; angular to subangular; light brownish gray (2.5Y 6/2).</p>
	
<p>400–405: Sand (S); very fine to very coarse sand; moderately to poorly sorted; angular to subangular; light yellowish brown (10YR 6/4).</p> <p>405–420: Cores 17, 18, and 19.</p>	<p>560–570: Sand (S); fine to coarse sand; moderately sorted; angular to subangular; light olive brown (2.5Y 5/4).</p>
	
<p>420–440: Gravelly silty sand (gmS); very fine sand to granules with silt; poorly sorted; subangular; light yellowish brown (10YR 6/4).</p>	<p>570–588: Sand (S); fine to very coarse sand; moderately to poorly sorted; angular to subangular; light olive brown (2.5Y 5/4).</p>
	
<p>440–460: Silty sand (zS); fine to coarse sand with silt; moderately sorted; angular to subangular; light olive brown (2.5Y 5/4).</p>	<p>588–608: Sand (S); fine to coarse sand; moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3).</p>
	
<p>460–480: Silty sand (zS); fine to coarse sand with silt; moderately sorted; angular to subangular; light olive brown (2.5Y 5/4).</p>	<p>608–628: Sand (S); fine to coarse sand; moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3).</p>
	
<p>480–500: Sand (S); fine to very coarse sand; moderately sorted; angular to subangular; light olive brown (2.5Y 5/4).</p>	<p>628–648: Sand (S); fine to coarse sand; moderately sorted; subangular to subrounded; olive brown (2.5Y 4/3).</p>
	
<p>500–520: Gravelly sand (gS); very fine sand to granules; poorly sorted; angular to subangular; light brownish gray (2.5Y 6/2).</p> <p>520–540: Cores 20, 21, 22, and 23.</p>	<p>648–668: Sand (S); very fine to coarse sand; moderately to poorly sorted; subangular to subrounded; light olive brown (2.5Y 5/3).</p>

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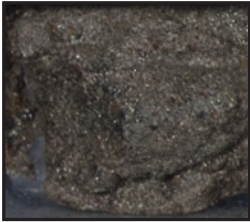
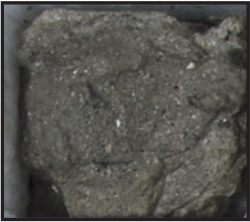
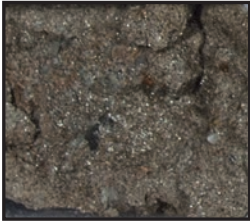
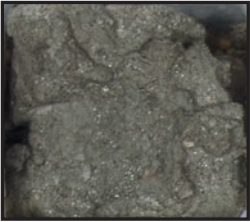
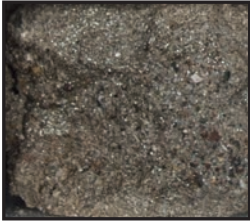


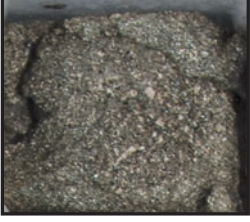






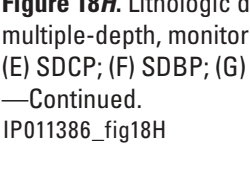
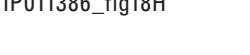
Depth interval (feet) and description	Depth interval (feet) and description		
	<p>668–688: Clayey sand (cS); very fine to coarse sand with occasional clay; moderately sorted; subangular; olive brown (2.5Y 4/3).</p>		<p>820–840: Gravelly sandy silt ((g)sM); silt and very fine sand with occasional granules; moderately sorted; olive gray (5Y 5/2).</p>
	<p>688–708: Silty clayey sand (mS); very fine sand to coarse sand with silt and clay; poorly sorted; subangular; olive brown (2.5Y 4/3).</p>		<p>840–860: Sandy silt (sZ); silt and very fine sand; well sorted; olive gray (5Y 4/2).</p>
	<p>708–723: Silty clayey sand (mS); fine to very coarse sand with silt and clay; poorly sorted; subangular to subrounded; olive brown (2.5Y 4/3).</p>		<p>860–880: Sandy clayey silt (sM); silt and very fine sand with occasional clay; moderately sorted; dark gray (5Y 4/1).</p>
	<p>723–733: <i>Cores 24 and 25.</i></p>		<p>880–900: Sand (S); very fine to medium sand; moderately sorted; subangular; olive (5Y 4/3); <i>shell fragments.</i></p>
	<p>733–740: No sieve sample collected.</p>		<p>900–920: Sandy silt (sZ); silt and very fine sand; well sorted; olive gray (5Y 4/2).</p>
	<p>740–760: Silty clayey sand (mS); fine to coarse sand with silt and clay; moderately sorted; subangular to subrounded; olive gray (5Y 4/2).</p>		<p>920–940: Sandy silt (sZ); silt and very fine sand; well sorted; olive gray (5Y 4/2).</p>
	<p>760–780: Gravelly sand (gS); medium sand to granules; moderately sorted; subangular to subrounded; olive (5Y 4/3).</p>		<p>940–960: Silty sand (zS); very fine to fine sand with silt; moderately sorted; subangular to subrounded; olive gray (5Y 4/2).</p>
	<p>780–800: Sandy clayey silt (sM); silt with clay and very fine sand; moderately sorted; dark olive gray (5Y 3/2); <i>shell fragments.</i></p>		
	<p>800–820: Sandy silt (sZ); silt and very fine sand; well sorted; olive gray (5Y 5/2); <i>shell fragments.</i></p>		

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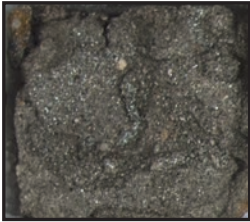
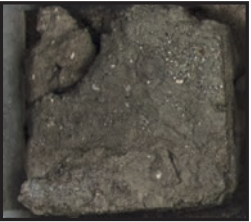
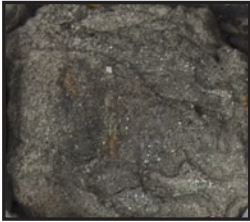
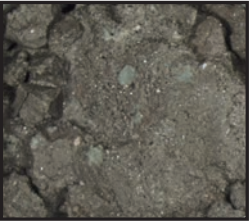










Depth interval (feet) and description	Depth interval (feet) and description
	
<p>960–980: Sandy silty clay (sM); clay and silt with very fine to fine sand; moderately sorted; dark olive gray (5Y 3/2).</p> <p>980–988: No sieve sample collected.</p>	<p>1,108–1,128: Clayey silt (M); silt and clay; well sorted; olive gray (5Y 4/2).</p>
	
<p>988–1,008: Silty clayey sand (mS); very fine to fine sand with silt and clay; moderately sorted; subangular to subrounded; dark olive gray (5Y 3/2).</p>	<p>1,128–1,148: Silty clayey sand (mS); very fine to medium sand with silt and clay; moderately sorted; subangular; olive gray (5Y 4/2).</p>
	
<p>1,008–1,028: Clayey silt (M); silt and clay; well sorted; dark olive gray (5Y 3/2); <i>shell fragments</i>.</p>	<p>1,148–1,168: Silty sand (zS); very fine to coarse sand with occasional silt; moderately sorted; subangular to subrounded; olive (5Y 5/3).</p> <p>1,168–1,180: No sieve sample collected; <i>cores 26 and 27, no recovery</i>.</p>
	
<p>1,028–1,048: Silty clay (M); clay and silt; well sorted; dark olive gray (5Y 3/2).</p>	<p>1,180–1,200: Sand (S); medium to very coarse sand; moderately sorted; subangular to subrounded; olive (5Y 4/3).</p>
	
<p>1,048–1,068: Sandy silty clay (sM); clay and silt with very fine to fine sand; moderately sorted; dark olive gray (5Y 3/2).</p>	<p>1,200–1,220: Sand (S); medium to very coarse sand; moderately sorted; subangular to subrounded; olive (5Y 4/3).</p>
	
<p>1,068–1,088: Silty clay (M); clay and silt; well sorted; dark olive gray (5Y 3/2).</p>	<p>1,220–1,240: Sand (S); medium to very coarse sand; moderately sorted; subangular to subrounded; olive (5Y 4/3).</p>
	
<p>1,088–1,108: Sandy clayey silt (sM); silt and very fine sand with occasional clay; moderately sorted; olive gray (5Y 4/2); <i>shell fragments</i>.</p>	<p>1,240–1,260: Sand (S); medium to very coarse sand; moderately sorted; subangular to subrounded; olive (5Y 4/3).</p>

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Depth interval (feet) and description



1,260–1,280: Sand (S); medium to very coarse sand; moderately sorted; subangular to subrounded; olive (5Y 4/3).

1,280–1,320: No sieve sample collected; *core 28, no recovery*.

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