

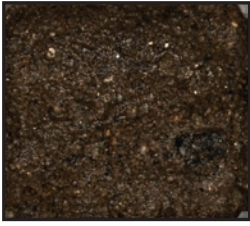
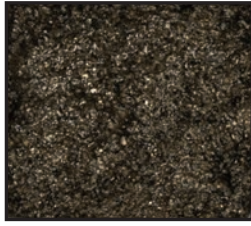
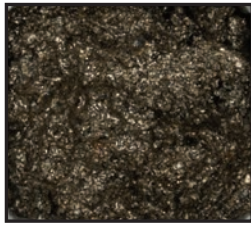
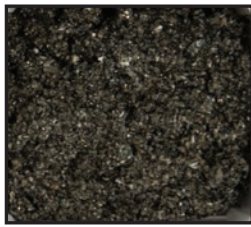
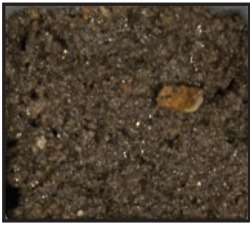
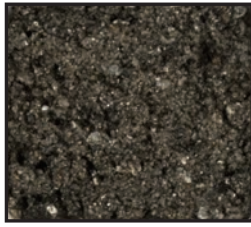
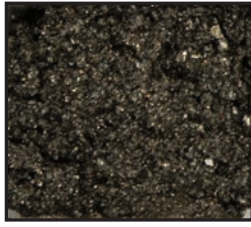


Depth interval (feet) and description	Depth interval (feet) and description	Depth interval (feet) and description	Depth interval (feet) and description
	<p>0–20: Gravelly sand (gS); very fine to coarse sand with granules to medium pebbles and trace silt; very poorly sorted; angular to subangular; dark olive brown (2.5Y 3/3); <i>calcareous; micaceous; felsic; mafics (hornblende, biotite); trace friable chloritized granodiorite clasts and caliche.</i></p>		<p>140–160: Gravelly sand (gS); fine to very coarse sand with granules to small pebbles and trace silt; very poorly sorted; very angular to angular; salt and pepper; <i>micaceous; mafics (hornblende, biotite); trace chlorite; fractured diorite.</i></p>
	<p>20–40: Slightly gravelly sand ((g)S); fine to coarse sand with granules to small pebbles and trace silt; very poorly to poorly sorted; angular to subangular; olive brown (2.5Y 4/4); <i>micaceous; felsic; trace mafics (biotite, hornblende); trace caliche and hematite staining.</i></p>		<p>160–180: Sandy gravel (sG); granules to small pebbles with medium to very coarse sand and trace silt; very poorly sorted; very angular to subangular; salt and pepper; <i>very micaceous; felsic (plagioclase); mafic (hornblende); diorite.</i></p>
	<p>40–60: Sand (S); fine to coarse sand with trace silt and granules; moderately to well sorted; angular to subrounded; olive gray (5Y 4/2); <i>micaceous; felsic; minor mafics (biotite, hornblende); trace chlorite.</i></p>		<p>180–200: Sandy gravel (sG); granules to small pebbles with fine to very coarse sand and trace silt; very poorly sorted; very angular to subangular; salt and pepper; <i>very micaceous; felsic (plagioclase); mafics (biotite, hornblende); mafic (biotite, hornblende); minor chlorite; trace biotite with hematite oxidation halos; diorite.</i></p>
	<p>60–80: Sand (S); fine to very coarse sand with trace granules to small pebbles; moderately sorted; angular to subrounded; dark grayish brown (2.5Y 4/2); <i>micaceous; felsic (plagioclase, perthite); mafics (biotite, hornblende); weathered diorite.</i></p>		<p>200–220: Sandy gravel (sG); granules to medium pebbles with fine to coarse sand; very poorly sorted; very angular to angular; salt and pepper; <i>micaceous; felsic; mafics (hornblende, biotite); trace chlorite and hematite; diorite.</i></p>
	<p>80–85: <i>Core 1.</i> 80–100: Sand (S); very fine to medium sand with minor coarse to very coarse sand and trace granules to small pebbles; moderately sorted; angular to subangular; black (5Y 2.5/1); <i>micaceous; abundant mafics (hornblende, biotite, pyroxene); diorite.</i></p>		<p>220–240: Sandy gravel (sG); granules to small pebbles with fine to coarse sand; very poorly sorted; very angular to angular; salt and pepper; <i>micaceous; abundant mafics (hornblende, biotite); trace chlorite and hematite; diorite.</i></p>
	<p>100–120: Sand (S); fine to coarse sand with minor silt, very coarse sand, and trace granules to small pebbles; moderately sorted; angular to subangular; salt and pepper; <i>micaceous; felsic; abundant mafics (hornblende, biotite); trace chlorite; diorite.</i></p>		<p>240–260: Silty sandy gravel (msG); granules to small pebbles with fine to coarse sand and silt; very poorly sorted; very angular to angular; salt and pepper; <i>micaceous; felsic; mafics (hornblende, biotite); trace hematite and chlorite; fractured diorite.</i></p>
	<p>120–140: Sandy gravel (sG); granules to small pebbles with medium to very coarse sand and trace silt; very poorly sorted; very angular to angular; salt and pepper; <i>micaceous; felsic; mafics (hornblende, biotite); trace chlorite; diorite.</i></p>		<p>260–280: Silty gravelly sand (gmS); fine to coarse sand with granules to medium pebbles and silt; very poorly sorted; very angular to angular; salt and pepper; <i>micaceous; felsic; abundant mafics (hornblende, biotite); trace hematite and chlorite; fractured diorite.</i></p>

Figure 18A. 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) SDCP; (F) SDBP; (G) SDHF; (H) SDEP; (I) SDNB; (J) SDSW; (K) SDMC; (L) SDLD; (M) SDCC; (N) SDOR; (O) SDOT; and (P) SDBW.


Depth interval (feet) and description	
	280–284: No sieve sample collected.
	284–287.5: <i>Core 2</i> .
	287.5–288: No sieve sample collected.

Figure 18A. 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) SDCP; (F) SDBP; (G) SDHF; (H) SDEP; (I) SDNB; (J) SDSW; (K) SDMC; (L) SDLD; (M) SDCC; (N) SDOR; (O) SDOT; and (P) SDBW. —Continued.