
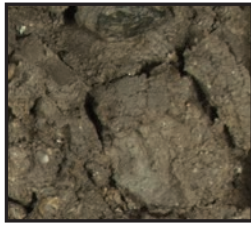
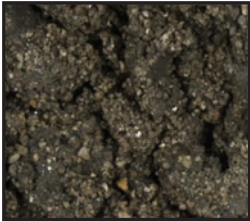


Depth (feet) and description	Depth (feet) and description	Depth (feet) and description	Depth (feet) and description
	<p>10: Sand (S); coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3); <i>charred wood fragments</i>.</p>		<p>80: Sand (S); coarse to very coarse sand; well sorted; subrounded; dark yellowish brown (10YR 4/4).</p>
	<p>20: Sand (S); coarse sand; very well sorted; subrounded; olive gray (5Y 5/3); <i>high mica content</i>.</p>		<p>90: Slightly sandy silty clay (M); clay and silt with very fine to coarse sand; well sorted; subrounded; olive gray (5Y 4/2).</p>
	<p>30: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; light yellowish brown (2.5Y 6/4); <i>trace shell fragments</i>.</p>		<p>100: Silty sand (zS); very fine to coarse sand with silt; poorly sorted; subrounded; olive brown (2.5Y 4/3).</p>
	<p>40: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; light yellowish brown (2.5Y 6/4); <i>trace shell fragments; single charred wood fragment &lt;20 mm</i>.</p>		<p>110: Clayey sandy silt (sM); silt with very fine to coarse sand and clay; moderately sorted; subrounded; dark grayish brown (2.5Y 4/2).</p>
	<p>50: Sand (S); medium to very coarse sand; well sorted; subrounded; light yellowish brown (2.5Y 6/4).</p>		<p>120: Clayey sandy silt (sM); silt with very fine sand and clay; well sorted; subrounded; dark grayish brown (2.5Y 4/2).</p>
	<p>60: Sand (S); medium to very coarse sand; well sorted; subrounded; light yellowish brown (2.5Y 6/4).</p>		<p>130: Clayey sandy silt (sM); silt with very fine sand to coarse sand and clay; poorly sorted; subrounded; dark olive gray (5Y 3/2).</p>
	<p>70: Gravelly sand (gS); medium to very coarse sand with granules; moderately sorted; subrounded to rounded; olive brown (2.5Y 4/3); <i>trace organic matter</i>.</p>		<p>140: Silty sand (zS); very fine to coarse sand to silt; poorly sorted; subrounded; olive gray (5Y 4/2); <i>trace organic material</i>.</p>

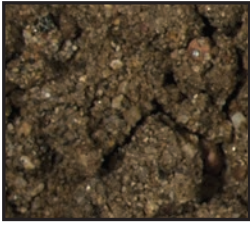
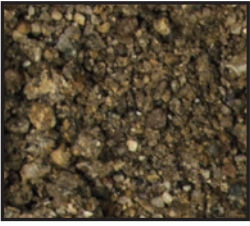
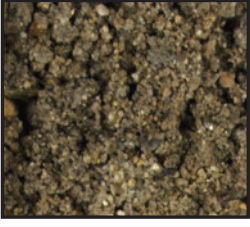

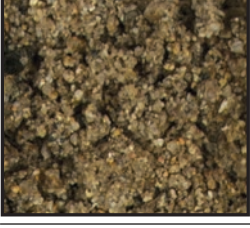





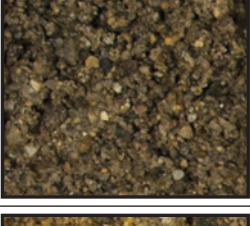


**Figure 17K.** Lithologic descriptions and photographs of **shaker** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 2003–2017: (A) SDCD; (B) SDSY; (C) SDLH; (D) SDAQ; (E) SDPC; (F) SDBP; (G) SDHF; (H) SDEP; (I) SDNB; (J) SDSW; **(K) SDMC**; (L) SDLD; (M) SDCC; (N) SDOR; (O) SDOT; and (P) SDBW.

Depth (feet) and description	Depth (feet) and description		
	<p>150: Silty sand (zS); coarse to very coarse sand with very fine sand to silt; poorly sorted; subrounded; dark olive gray (5Y 3/2).</p>		<p>220: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded to rounded; dark yellowish brown (10YR 4/4).</p>
	<p>160: Sand (S); coarse to very coarse sand; well sorted; subrounded; olive brown (2.5Y 4/3).</p>		<p>230: Silty sand (zS); coarse to medium sand with very fine sand to silt; moderately sorted; subrounded; dark yellowish brown (10YR 4/4).</p>
	<p>170: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded to rounded; olive brown (2.5Y 4/3).</p>		<p>240: Sand (S); coarse to medium sand; very well sorted; subrounded; olive brown (2.5Y 4/3).</p>
	<p>180: Gravelly silty sand (gmS); coarse to very coarse sand with very fine sand to silt, granules to pebbles &lt;12 mm; very poorly sorted; subrounded; olive brown (2.5Y 4/3).</p>		<p>250: Sandy silt (sZ); silt and very fine sand to medium sand; well sorted; subrounded; olive brown (2.5Y 4/3).</p>
	<p>190: Gravelly silty sand (gmS); very fine sand to silt with medium to coarse sand and pebbles &lt;8 mm; very poorly sorted; subrounded; olive brown (2.5Y 4/3).</p>		<p>260: Sand (S); coarse to very coarse sand; very well sorted; subrounded to rounded; olive brown (2.5Y 4/3).</p>
	<p>200: Silty sand (zS); coarse to medium sand with very fine sand to silt; moderately sorted; subrounded; dark yellowish brown (10YR 4/4).</p>		<p>270: Sand (S); coarse to very coarse sand; very well sorted; subrounded to rounded; olive brown (2.5Y 4/3).</p>
	<p>210: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded to rounded; dark yellowish brown (10YR 4/4).</p>		<p>280: Silty gravelly sand (gmS); coarse to very coarse sand with granules with very fine sand to silt and minor pebbles &lt;8 mm; very poorly sorted; subrounded to rounded; dark yellowish brown (10YR 4/4).</p>

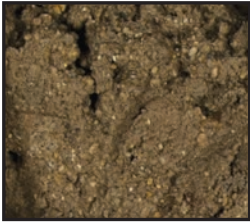
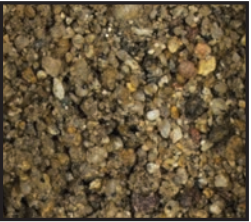
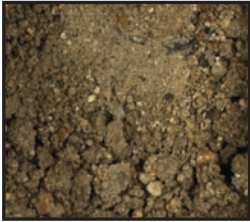
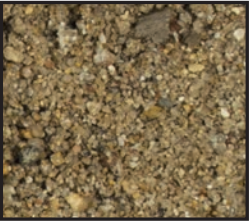
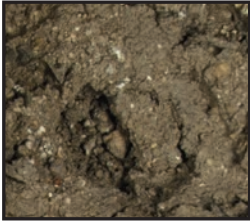
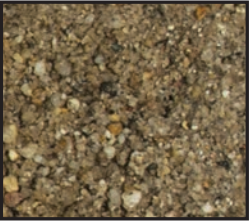



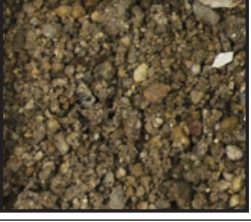


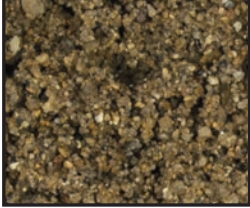

**Figure 17K.** Lithologic descriptions and photographs of **shaker** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 2003–2017: (A) SDCD; (B) SDSY; (C) SDLH; (D) SDAQ; (E) SDPC; (F) SDBP; (G) SDHF; (H) SDEP; (I) SDNB; (J) SDSW; (K) **SDMC**; (L) SLDL; (M) SDCC; (N) SDOR; (O) SDOT; and (P) SDBW. —Continued.

Depth (feet) and description	Depth (feet) and description		
	<p>290: Gravelly silty sand (gmS); coarse to very coarse sand with very fine sand to silt, granules to pebbles &lt;8 mm; very poorly sorted; subrounded to rounded; dark yellowish brown (10YR 4/4).</p>		<p>360: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded to rounded; olive brown (2.5Y 4/3).</p>
	<p>300: Silty sand (zS); very fine sand to silt with medium to very coarse sand; poorly sorted; subrounded; olive brown (2.5Y 4/3).</p>		<p>370: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded to rounded; dark yellowish brown (10YR 4/4).</p>
	<p>310: Sand (S); coarse to very coarse sand; well sorted; subrounded; olive brown (2.5Y 4/3).</p>		<p>380: Gravelly sand (gS); coarse to very coarse sand with granules to pebbles &lt;8 mm; moderately sorted; subrounded to rounded; dark yellowish brown (10YR 4/4).</p>
	<p>320: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; olive brown (2.5Y 4/3).</p>		<p>390: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded to rounded; dark yellowish brown (10YR 4/4).</p>
	<p>330: Silty gravelly sand (gmS); coarse to very coarse sand with granules to pebbles &lt;10 mm and very fine sand to silt; very poorly sorted; subrounded; olive brown (2.5Y 4/3).</p>		<p>400: Sand (S); coarse to very coarse sand; very well sorted; subrounded to rounded; dark yellowish brown (10YR 4/4).</p>
	<p>340: Slightly gravelly sandy silt ((g)sM); silt with very fine to coarse sand and pebbles &lt;10 mm; very poorly sorted; subrounded; olive (5Y 4/3).</p>		<p>410: Sand (S); coarse to very coarse sand; very well sorted; subrounded to rounded; dark yellowish brown (10YR 4/4).</p>
	<p>350: Slightly gravelly silty sand ((g)mS); very fine to coarse sand with silt and pebbles &lt;8 mm; very poorly sorted; subrounded; olive (5Y 4/3).</p>		<p>420: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded to rounded; dark yellowish brown (10YR 4/4).</p>

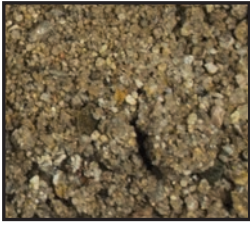
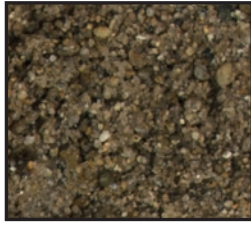
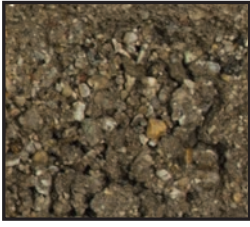


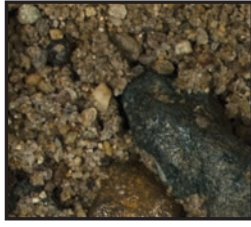

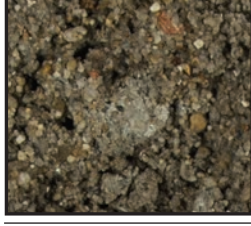
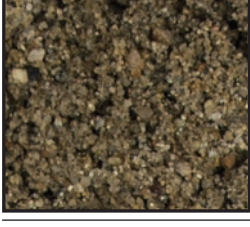

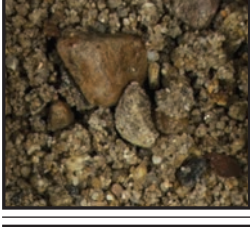

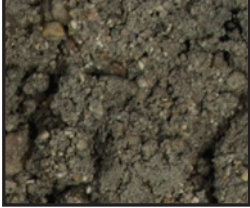

**Figure 17K.** Lithologic descriptions and photographs of **shaker** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 2003–2017: (A) SDCD; (B) SDSY; (C) SDLH; (D) SDAQ; (E) SDPC; (F) SDBP; (G) SDHF; (H) SDEP; (I) SDNB; (J) SDSW; (K) **SDMC**; (L) SLDL; (M) SDCC; (N) SDOR; (O) SDOT; and (P) SDBW. —Continued.

Depth (feet) and description	Depth (feet) and description		
	<p>430: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded to rounded; dark yellowish brown (10YR 4/4).</p>		<p>500: Sand (S); coarse to very coarse sand; very well sorted; subrounded; light olive brown (2.5Y 5/3).</p>
	<p>440: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded to rounded; dark yellowish brown (10YR 4/4).</p>		<p>510: Sand (S); coarse to very coarse sand; very well sorted; subrounded; light olive brown (2.5Y 5/3).</p>
	<p>450: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded to rounded; brown (10YR 4/3).</p>		<p>520: Sand (S); coarse to very coarse sand; very well sorted; subrounded; light olive brown (2.5Y 5/3).</p>
	<p>460: Gravelly sand (gS); coarse to very coarse sand with granules to pebbles &lt;6 mm; moderately sorted; subrounded to rounded; brown (10YR 4/3).</p>		<p>530: Sand (S); coarse to very coarse sand with minor fine sand to silt; poorly sorted; subrounded; light olive brown (2.5Y 5/3).</p>
	<p>470: Sand (S); coarse to very coarse sand; very well sorted; subrounded; brown (10YR 4/3).</p>		<p>540: Sand (S); coarse to very coarse sand; very well sorted; subrounded; light olive brown (2.5Y 5/3).</p>
	<p>480: Silty sand (zS); very fine to coarse sand to silt; poorly sorted; subrounded; brown (10YR 4/3).</p>		<p>550: Sand (S); coarse to very coarse sand; very well sorted; subrounded; light olive brown (2.5Y 5/3).</p>
	<p>490: Silty sand (zS); very fine to coarse sand with silt; poorly sorted; subrounded; olive brown (2.5Y 4/3).</p>		<p>560: Slightly gravelly sand ((g)S); coarse to very coarse sand with granules; well sorted; subrounded; yellowish brown (10YR 5/6).</p>

**Figure 17K.** Lithologic descriptions and photographs of **shaker** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 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. —Continued.

Depth (feet) and description	Depth (feet) and description		
	<p>570: Silty sand (zS); coarse to very coarse sand with very fine sand to silt; poorly sorted; subrounded; brown (10YR 4/3).</p>		<p>640: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; olive brown (2.5Y 4/3).</p>
	<p>580: Silty sand (zS); coarse to very coarse sand with very fine sand to silt; poorly sorted; subrounded; brown (10YR 4/3).</p>		<p>650: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; olive brown (2.5Y 4/3).</p>
	<p>590: Silty sand (zS); very fine sand to silt with coarse to very coarse sand; poorly sorted; subrounded; olive brown (2.5Y 4/3).</p>		<p>660: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; olive brown (2.5Y 4/3).</p>
	<p>600: Silty sand (zS); very fine sand to silt with coarse to very coarse sand; poorly sorted; subrounded; olive brown (2.5Y 4/3).</p>		<p>670: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; olive brown (2.5Y 4/3).</p>
	<p>610: Sand (S); coarse to very coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3).</p>		<p>680: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; olive brown (2.5Y 4/3).</p>
	<p>620: Slightly gravelly sand ((g)S); coarse to very coarse sand with trace granules; very well sorted; subrounded; olive brown (2.5Y 4/3); <i>shell fragments</i>.</p>		<p>690: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; olive brown (2.5Y 4/3).</p>
	<p>630: Sand (S); coarse to very coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3).</p>		<p>700: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; olive brown (2.5Y 4/3).</p>

**Figure 17K.** Lithologic descriptions and photographs of **shaker** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 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) SDLD; (M) SDCC; (N) SDOR; (O) SDOT; and (P) SDBW. —Continued.

Depth (feet) and description	Depth (feet) and description
 <p>710: Sand (S); coarse to very coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3).</p>	 <p>780: Sand (S); coarse to very coarse sand; very well sorted; subrounded; light olive brown (2.5Y 5/4).</p>
 <p>720: Silty sand (zS); coarse to very coarse sand with very fine sand to silt; poorly sorted; subrounded; olive brown (2.5Y 4/3).</p>	 <p>790: Sand (S); coarse to very coarse sand; very well sorted; subrounded; light olive brown (2.5Y 5/4).</p>
 <p>730: Gravelly sand (gS); coarse to very coarse sand with granules to pebbles &lt;6 mm; well sorted; subrounded; olive brown (2.5Y 4/3).</p>	 <p>800: Gravelly sand (gS); coarse to very coarse sand with granules to pebbles &lt;16 mm; very poorly sorted; subrounded; light olive brown (2.5Y 5/4).</p>
 <p>740: Gravelly sand (gS); coarse to very coarse sand with granules to pebbles &lt;6 mm; well sorted; subrounded to rounded; olive brown (2.5Y 4/3).</p>	 <p>810: Gravelly silty sand (gmS); coarse to very coarse sand with very fine sand to silt and granules to pebbles &lt;8 mm; very poorly sorted; subrounded; grayish brown (2.5Y 5/2).</p>
 <p>750: Sand (S); coarse to very coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3).</p>	 <p>820: Sand (S); coarse to very coarse sand; very well sorted; subrounded; grayish brown (2.5Y 5/2).</p>
 <p>760: Gravelly sand (gS); coarse to very coarse sand with granules to pebbles &lt;10 mm; well sorted; subrounded; olive brown (2.5Y 4/3).</p>	 <p>830: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; grayish brown (2.5Y 5/2).</p>
 <p>770: Gravelly silty sand (gmS); coarse to very coarse sand with very fine sand to silt, and granules to pebbles &lt;8 mm; poorly sorted; subrounded; dark greenish gray (10Y 4/1).</p>	 <p>840: Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; grayish brown (2.5Y 5/2).</p>

**Figure 17K.** Lithologic descriptions and photographs of **shaker** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 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.

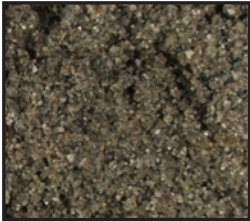
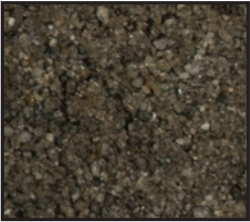
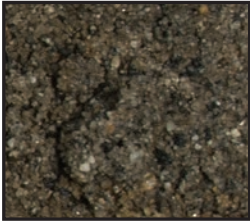
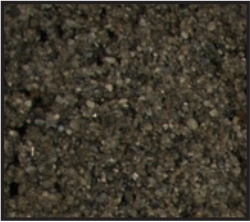
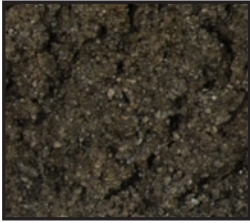
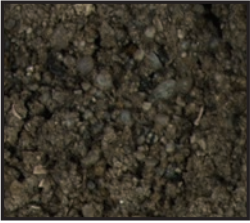
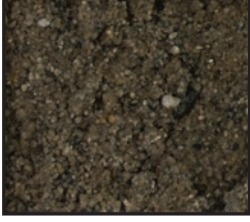







Depth (feet) and description	Depth (feet) and description
 <p>850: Sand (S); coarse to very coarse sand; very well sorted; subrounded; grayish brown (2.5Y 5/2); <i>trace shell fragments.</i></p>	 <p>919: Silty sand (zS); very fine sand with silt; very well sorted; subrounded; dark greenish gray (10Y 4/1); <i>shell fragments; cores 3 and 4.</i></p>
 <p>860: Sand (S); coarse to very coarse sand; very well sorted; subrounded; grayish brown (2.5Y 5/2); <i>minor shell fragments.</i></p>	 <p>929: Silty sand (zS); very fine sand with silt and medium to coarse sand; well sorted; subrounded; dark greenish gray (10Y 4/1) <i>shell fragments; cores 5 and 6.</i></p>
 <p>870: Sand (S); coarse to very coarse sand; very well sorted; subrounded; grayish brown (2.5Y 5/2); <i>minor shell fragments.</i></p>	 <p>939: Silty sand (zS); very fine sand to silt; very well sorted; subrounded; dark greenish gray (10Y 4/1); <i>shell fragments; cores 7 and 8.</i></p>
 <p>880: No shaker sample collected.</p>	 <p>950: Silty sand (zS); very fine sand to silt with medium to coarse sand; poorly sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>shell fragments and minor organic matter; core 9.</i></p>
 <p>890: Silty sand (zS); coarse to very coarse sand with silt; moderately sorted; subrounded; light olive brown (2.5Y 5/2); <i>caliche.</i></p>	 <p>960: Silty sand (zS); very fine sand to silt with medium to coarse sand; poorly sorted; subrounded; very dark grayish brown (2.5Y 3/2); <i>shell fragments.</i></p>
 <p>900: Sand (S); coarse sand; very well sorted; subrounded; grayish brown (2.5Y 5/2); <i>shell fragments.</i></p>	 <p>970: Sandy silt (sZ); silt with very fine to coarse sand; well sorted; subrounded; dark olive gray (5Y 3/2); <i>shell fragments.</i></p>
 <p>904: <i>Core 1, no recovery.</i></p> <p>909: Silty sand (zS); very fine sand to silt; very well sorted; subrounded; dark greenish gray (10Y 4/1); <i>core 2.</i></p>	 <p>980: Sandy silt (sZ); silt with very fine to coarse sand; well sorted; subrounded; very dark grayish brown (2.5Y 3/2).</p>

**Figure 17K.** Lithologic descriptions and photographs of **shaker** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 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) SLDL; (M) SDCC; (N) SDOR; (O) SDOT; and (P) SDBW. —Continued.


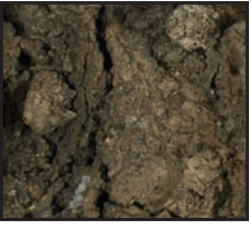
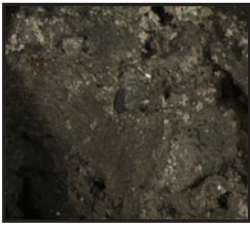
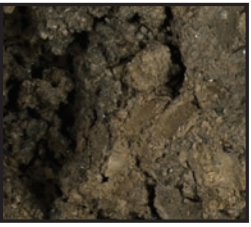
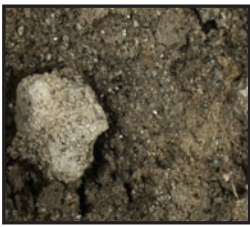

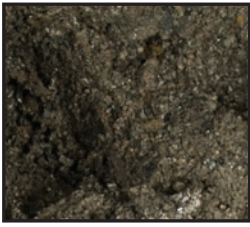
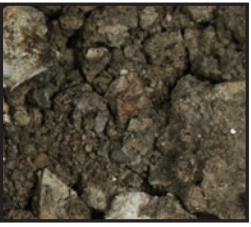
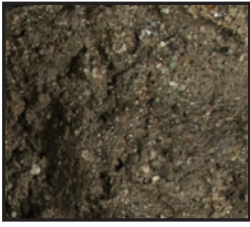
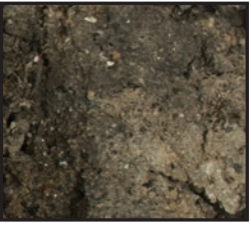


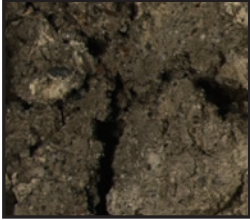

Depth (feet) and description	Depth (feet) and description		
	<p>990: Silty sand (zS); very fine sand to silt with coarse to very coarse sand; poorly sorted; subrounded; dark olive gray (5Y 3/2).</p>		<p>1,060: Silty sand (zS); fine sand to silt; very well sorted; subrounded; olive (5Y 4/3).</p>
	<p>1,000: Silty sand (zS); very fine sand to silt; very well sorted; subrounded; dark olive gray (5Y 3/2); <i>trace shell fragments</i>.</p>		<p>1,070: Silty sand (zS); medium to coarse sand with very fine sand to silt; moderately sorted; subrounded; olive brown (2.5Y 4/3).</p>
	<p>1,010: Silty sand (zS); very fine sand to silt with coarse to very coarse sand; moderately sorted; subrounded; dark olive gray (5Y 3/2).</p>		<p>1,080: Sand (S); coarse to very coarse sand with trace very fine sand to silt; well sorted; subrounded; dark grayish brown (2.5Y 4/2).</p>
	<p>1,020: Silty sand (zS); coarse to very coarse sand with very fine sand to silt; poorly sorted; subrounded; dark olive gray (5Y 3/2); <i>minor shell fragments</i>.</p>		<p>1,090: Sand (S); coarse to very coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3).</p>
	<p>1,030: Silty sand (zS); coarse to very coarse sand with very fine sand to silt; poorly sorted; subrounded; dark olive gray (5Y 3/2); <i>minor shell fragments</i>.</p>		<p>1,100: Sand (S); coarse to very coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3).</p>
	<p>1,040: Sand (S); coarse to very coarse sand with trace very fine sand to silt; well sorted; subrounded; dark grayish brown (2.5Y 4/2).</p>		<p>1,110: Sand (S); coarse to very coarse sand; very well sorted; subrounded; dark grayish brown (2.5Y 4/2).</p>
	<p>1,050: Silty sand (zS); coarse to very coarse sand with fine sand to silt; moderately sorted; subrounded; olive gray (5Y 4/2).</p>		<p>1,120: Sand (S); coarse to very coarse sand; very well sorted; subrounded; dark grayish brown (2.5Y 4/2).</p>

**Figure 17K.** Lithologic descriptions and photographs of **shaker** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 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) SLDL; (M) SDCC; (N) SDOR; (O) SDOT; and (P) SDBW. —Continued.






Depth (feet) and description	Depth (feet) and description		
	1,130: Sand (S); coarse to very coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3).		1,200: Sand (S); coarse to very coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3); <i>minor shell fragments.</i>
	1,140: Sand (S); coarse to very coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3).		1,210: Sand (S); coarse to very coarse sand; very well sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>minor shell fragments.</i>
	1,150: Sand (S); coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3).		1,220: Silty sand (zS); coarse to very coarse sand with very fine sand to silt; poorly sorted; subrounded; dark grayish brown (2.5Y 4/2).
	1,160: Sand (S); coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3).		1,230: Silty sand (zS); very coarse to coarse sand with very fine sand to silt; poorly sorted; subrounded; dark grayish brown (2.5Y 4/2).
	1,170: Sand (S); coarse to very coarse sand; very well sorted; subrounded; dark grayish brown (2.5Y 4/2).		1,240: Silty sand (zS); very fine sand to silt with coarse to very coarse sand; poorly sorted; subrounded; dark grayish brown (2.5Y 4/2).
	1,180: Sand (S); coarse sand; very well sorted; subrounded; dark grayish brown (2.5Y 4/2).		1,250: Silty sand (zS); very fine sand and silt with coarse to very coarse sand; poorly sorted; subrounded; olive brown (2.5Y 4/3).
	1,190: Sand (S); coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3).		1,260: Silty sand (zS); very fine sand to silt with medium to coarse sand; moderately sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>shell fragments.</i>

**Figure 17K.** Lithologic descriptions and photographs of **shaker** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 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. —Continued.

Depth (feet) and description	Depth (feet) and description	Depth (feet) and description	Depth (feet) and description
	1,270: Silty sand (zS); very fine sand to silt with medium to coarse sand; moderately sorted; subrounded; dark grayish brown (2.5Y 4/2).		1,340: Silty sand (zS); very fine sand to silt with trace medium to coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3); <i>minor calcium carbonate</i> .
	1,280: Silty sand (zS); very fine sand to silt with medium to coarse sand; moderately sorted; subrounded; dark grayish brown (2.5Y 4/2).		1,350: Silty sand (zS); very fine sand to silt with trace medium to coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3); <i>minor calcium carbonate</i> .
	1,290: Silty sand (zS); coarse sand with very fine sand to silt; moderately sorted; subrounded; olive brown (2.5Y 4/3); <i>caliche</i> .		1,360: Silty sand (zS); very fine sand to silt with trace medium to coarse sand; very well sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>caliche</i> .
	1,300: Sand (S); coarse sand with trace very fine sand to silt; well sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>minor calcium carbonate</i> .		1,370: Silty sand (zS); very fine sand to silt with medium to coarse sand; moderately sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>caliche</i> .
	1,310: Silty sand (zS); very fine sand to silt with medium to coarse sand; moderately sorted; subrounded; olive brown (2.5Y 4/3); <i>minor calcium carbonate</i> .		1,380: Silty sand (zS); very fine sand to silt with fine to medium sand; moderately sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>caliche</i> .
	1,320: Silty sand (zS); medium to coarse sand with very fine sand to silt; moderately sorted; subrounded; olive brown (2.5Y 4/3); <i>caliche</i> .		1,390: Silty sand (zS); very fine sand to silt with fine to medium sand; moderately sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>minor shell fragments; caliche</i> .
	1,330: Silty sand (zS); very fine sand to silt with medium to coarse sand; moderately sorted; subrounded; olive brown (2.5Y 4/3); <i>minor calcium carbonate</i> .		1,400: Silty sand (zS); very fine sand to silt with fine to medium sand; moderately sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>minor shell fragments; caliche</i> .

**Figure 17K.** Lithologic descriptions and photographs of **shaker** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 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. —Continued.

Depth (feet) and description	Depth (feet) and description	Depth (feet) and description	Depth (feet) and description
	<p>1,410: Silty sand (zS); very fine sand to silt with fine to medium sand; moderately sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>minor calcium carbonate</i>.</p>		<p>1,479: Sandstone to siltstone; indurated; very fine sand to silt; very well sorted; dark olive gray (5Y 3/2); <i>core 11, minimal recovery</i>.</p>
	<p>1,420: Silty sand (zS); very fine sand to silt with trace fine to medium sand; well sorted; subrounded; dark olive gray (5Y 3/2); <i>minor calcium carbonate</i>.</p>		<p>1,484: Sandstone to siltstone; weakly indurated; very fine sand to silt; very well sorted; subrounded; dark greenish gray (10Y 3/1); <i>core 12</i>.</p>
	<p>1,430: Silty sand (zS); very fine sand to silt with medium to coarse sand; moderately sorted; subrounded; dark olive gray (5Y 3/2); <i>shell fragments</i>.</p>		<p>1,489: Sandstone to siltstone; weakly indurated; very fine sand; very well sorted subrounded; dark greenish gray (10Y 3/1); <i>core 13</i>.</p>
	<p>1,440: Silty sand (zS); very fine sand to silt with medium to coarse sand; moderately sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>minor calcium carbonate</i>.</p>		<p>1,494: Sandstone; weakly indurated; very fine sand; very well sorted; subangular; dark greenish gray (10Y 4/1); <i>core 14</i>.</p>
	<p>1,450: Silty sand (zS); very fine sand to silt with trace fine to medium sand; well sorted; subrounded; olive gray (5Y 4/2).</p>		<p>1,499: Sandstone to siltstone; weakly indurated; very fine sand to silt; very well sorted; dark greenish gray (10Y 3/1); <i>core 15</i>.</p> <p>1,502: No shaker sample collected.</p>
	<p>1,460: Silty sand (zS); very fine sand to silt with medium to coarse sand; moderately sorted; subrounded; olive (5Y 4/3).</p>		
	<p>1,474: Sandstone to siltstone; indurated; very fine sand to silt; very well sorted; dark olive gray (5Y 3/2); <i>core 10</i>.</p>		

**Figure 17K.** Lithologic descriptions and photographs of **shaker** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 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) SDLD; (M) SDCC; (N) SDOR; (O) SDOT; and (P) SDBW. —Continued.