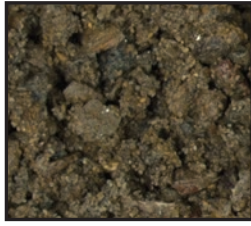
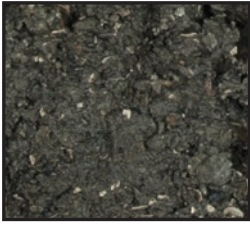
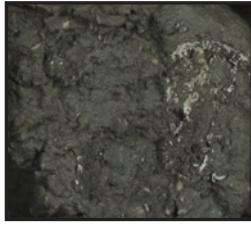
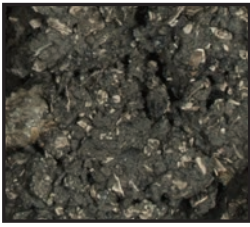
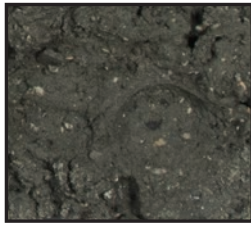
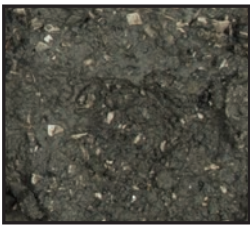
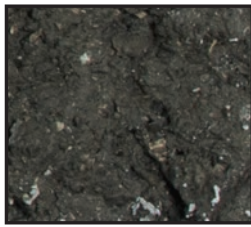
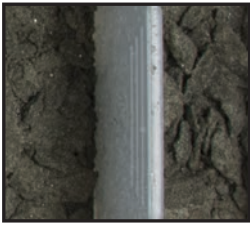
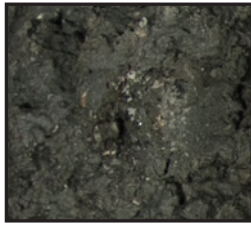
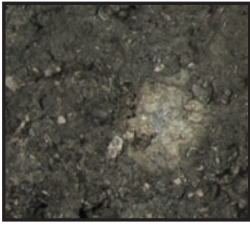
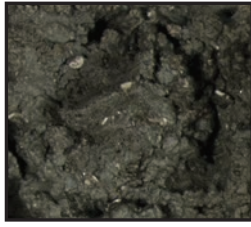


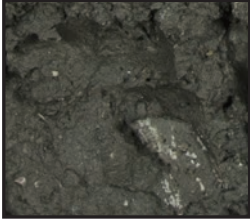




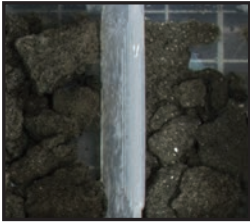
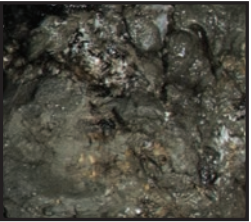
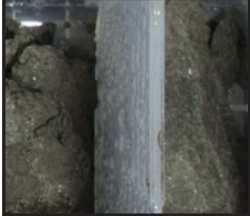



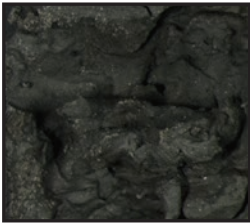
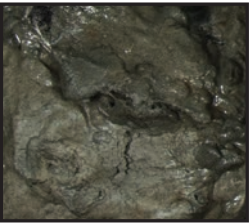


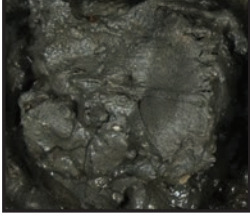

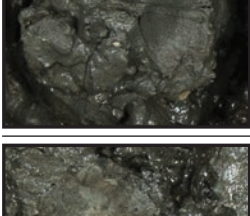
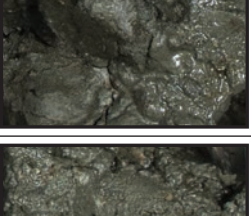
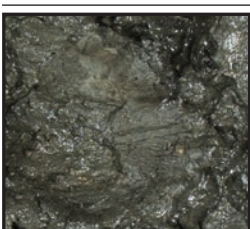
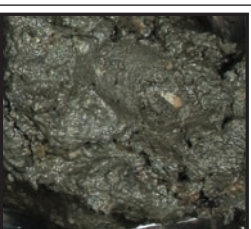




Depth (feet) and description	Depth (feet) and description	Depth (feet) and description	Depth (feet) and description
	<p>10: Gravelly sand (gS); coarse to very coarse sand with granules to medium pebbles; moderately sorted; subangular; assorted colors.</p>		<p>80: Gravelly sand (gS); very fine to coarse sand with granules to small pebbles; poorly sorted; subangular to angular; olive brown (2.5Y 4/4).</p>
	<p>20: Slightly gravelly sand ((g)S); coarse to very coarse sand with granules; well sorted; subangular; light yellowish brown (2.5Y 6/4).</p>		<p>90: Slightly gravelly silty sand ((g)mS); very fine to coarse sand with silt and granules to small pebbles; poorly sorted; angular to very angular; dark gray (2.5Y 4/1); 1–2 mm shell fragments.</p>
	<p>30: Slightly gravelly sand ((g)S); coarse to very coarse sand with granules; well sorted; subangular to subrounded; yellowish brown (10YR 5/6).</p>		<p>100: Slightly gravelly silty sand ((g)mS); very fine to coarse sand with silt and granules to small pebbles; poorly sorted; angular to very angular; dark gray (2.5Y 4/1); 1–4 mm shell fragments.</p>
	<p>40: Slightly gravelly sand ((g)S); coarse to very coarse sand with granules; well sorted; subangular to subrounded; dark yellowish brown (10YR 4/6).</p>		<p>102.5: Sandy silt (sZ); silt and very fine sand; very well sorted; very dark gray (2.5Y 3/1); core 1. 105: No shaker sample collected. 110: Silty sand (zS); very fine sand and silt; very well sorted; subangular to angular; very dark gray (2.5Y 3/1); core 2.</p>
	<p>50: Gravelly sand (gS); medium to very coarse sand with granules to medium pebbles; poorly sorted; subangular to very angular; assorted colors.</p>		<p>120: Silty sand (zS); very fine to medium sand with silt; poorly sorted; angular; dark grayish brown (2.5Y 4/2); 1–2 mm shell fragments.</p>
	<p>60: Gravel (G); granules to large pebbles; well sorted; angular to very angular; assorted colors.</p>		<p>130: Silty sand (zS); very fine to fine sand with silt; poorly sorted; subangular; dark gray (2.5Y 4/1); trace 1 mm shell fragments.</p>
	<p>70: Slightly gravelly silty sand ((g)mS); very fine to coarse sand with silt and granules; poorly sorted; subrounded to angular; light olive brown (2.5Y 5/4).</p>		<p>140: Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; very dark gray (2.5Y 3/1); 1–3 mm shell fragments; trace charcoal (burnt wood).</p>

**Figure 17N.** 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.

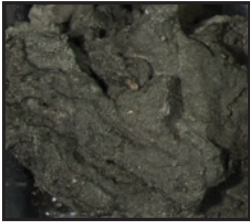
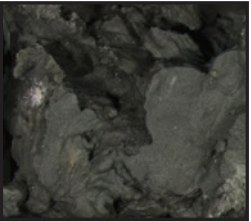
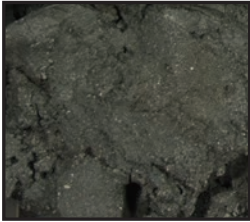
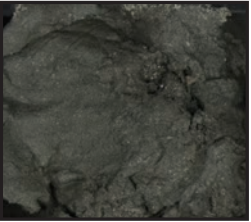
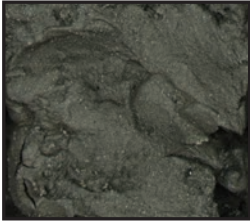
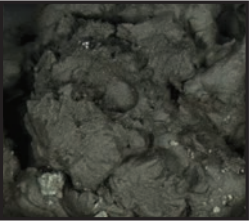

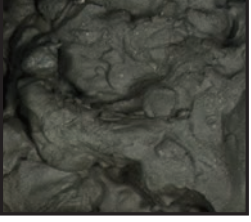




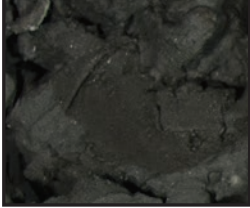
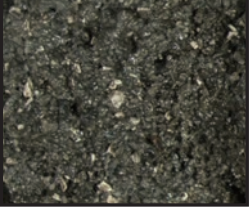
Depth (feet) and description	Depth (feet) and description	Depth (feet) and description	Depth (feet) and description
	<p>150: Silty sand (zS); very fine to medium sand with silt; poorly sorted; subangular; very dark gray (2.5Y 3/1); 1–4 mm shell fragments.</p>		<p>220: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (2.5Y 3/1); trace 1 mm shell fragments.</p>
	<p>160: Silty sand (zS); very fine to fine sand with silt and minor clay; moderately sorted; subangular; very dark gray (2.5Y 3/1); 1–8 mm shell fragments.</p>		<p>230: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (2.5Y 3/1); 1–2 mm shell fragments.</p>
	<p>170: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (2.5Y 3/1); 1–2 mm shell fragments.</p>		<p>240: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (2.5Y 3/1); trace 1 mm shell fragments.</p>
	<p>175: Silty sand (zS); very fine to fine sand with silt; well sorted; subangular to angular; very dark gray (2.5Y 3/1); core 3.</p>		<p>250: Silty sand (zS); very fine sand with silt and minor clay; moderately sorted; angular; dark gray (2.5Y 4/1); trace 1–2 mm shell fragments.</p>
	<p>180: Silty sand (zS); very fine to fine sand with silt; well sorted; subangular to angular; very dark gray (2.5Y 3/1); core 4.</p>		<p>260: Silty sand (zS); very fine sand with silt and minor clay; moderately sorted; angular; dark gray (2.5Y 4/1); trace 1 mm shell fragments.</p>
	<p>190: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (2.5Y 4/1); 1–2 mm shell fragments.</p>		<p>270: Silty sand (zS); very fine sand with silt and minor clay; moderately sorted; angular; dark gray (2.5Y 4/1); trace 1 mm shell fragments.</p>
	<p>200: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (2.5Y 4/1); 1 mm shell fragments.</p>		<p>280: Silty sand (zS); very fine sand with silt and minor clay; moderately sorted; angular; dark gray (2.5Y 4/1); trace 1–2 mm shell fragments.</p>
	<p>210: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (2.5Y 3/1); 1 mm shell fragments.</p>		

**Figure 17N.** 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.



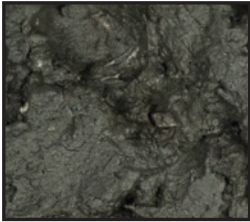

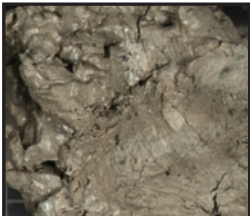


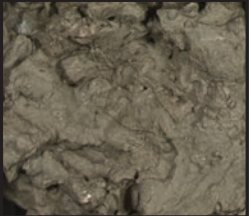


Depth (feet) and description	Depth (feet) and description
	
<p>285: Sandy silt (sZ); silt and very fine sand; very well sorted; very dark gray (2.5Y 3/1); <i>core 5</i>.</p>	<p>360: Sandy clay (sC); silt with very fine sand and minor clay; moderately sorted; very dark gray (2.5Y 3/1).</p>
	
<p>290: Sandy silt (sZ); silt and very fine sand; very well sorted; very dark gray (2.5Y 3/1); <i>shell fragments; core 6</i>.</p>	<p>370: Sandy clay (sC); silt with very fine sand and minor clay; moderately sorted; dark gray (2.5Y 4/1).</p>
	
<p>295: Sandy silt (sZ); silt and very fine to fine sand; well sorted; dark gray (2.5Y 4/1); <i>core 7</i>.</p>	<p>380: Sandy clay (sC); clay with very fine sand; moderately sorted; very dark gray (2.5Y 3/1).</p>
	
<p>300: Sandy silt (sZ); silt and fine to very fine sand; well sorted; very dark gray (2.5Y 3/1); <i>core 8</i>.</p>	<p>390: Sandy clay (sC); clay with very fine sand; moderately sorted; very dark gray (2.5Y 3/1).</p>
	
<p>310: Sandy clay (sC); silt with very fine sand and minor clay; moderately sorted; very dark gray (2.5Y 3/1).</p>	<p>400: Sandy clay (sC); clay with very fine sand; moderately sorted; very dark gray (2.5Y 3/1).</p>
	
<p>315: Silty sand (zS); very fine to fine sand and silt; well sorted; angular to subangular; very dark gray (2.5Y 3/1); <i>core 9</i>.</p>	<p>410: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (2.5Y 3/1).</p>
	
<p>320: Silty sand (zS); very fine to medium sand and silt; moderately to well sorted; subangular to angular; very dark gray (2.5Y 3/1); <i>core 10</i>.</p>	<p>420: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (2.5Y 3/1).</p>
	
<p>330: Sandy clay (sC); clay with very fine to fine sand; moderately sorted; very dark gray (2.5Y 3/1); <i>trace 1 mm shell fragments</i>.</p>	<p>440: Sandy clay (sC); clay with very fine sand; moderately sorted; very dark gray (2.5Y 3/1).</p>
	
<p>340: Sandy clay (sC); clay with very fine to fine sand; moderately sorted; very dark gray (2.5Y 3/1); <i>1 mm shell fragments</i>.</p>	<p>460: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (2.5Y 3/1).</p>
	
<p>350: Sandy clay (sC); clay with very fine to fine sand; moderately sorted; very dark gray (2.5Y 3/1); <i>1 mm shell fragments</i>.</p>	<p>480: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (2.5Y 3/1).</p>

**Figure 17N.** 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.

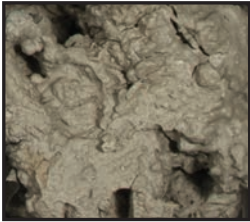
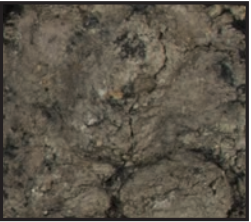


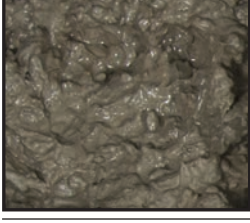

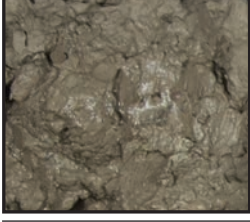

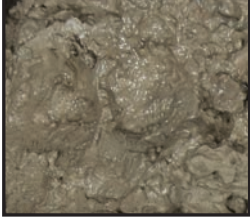


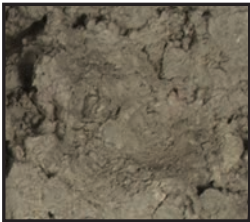
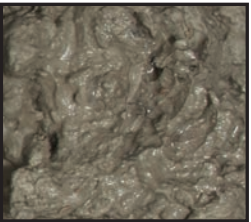
Depth (feet) and description	Depth (feet) and description		
	<p>430: Sandy silt (sZ); silt with very fine sand; well sorted; dark gray (2.5Y 4/1); trace 1 mm shell fragments.</p>		<p>500: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (2.5Y 3/1).</p>
	<p>440: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (2.5Y 4/1).</p>		<p>510: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (2.5Y 3/1).</p>
	<p>450: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (2.5Y 3/1).</p>		<p>520: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (2.5Y 3/1).</p>
	<p>460: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (2.5Y 3/1).</p>		<p>530: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (2.5Y 3/1).</p>
	<p>470: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (2.5Y 4/1).</p>		<p>540: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (2.5Y 3/1).</p>
	<p>480: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (2.5Y 3/1).</p>		<p>550: Sandy silt (sZ); clay with very fine to fine sand and minor silt; moderately sorted; very dark gray (2.5Y 3/1); trace 1–2 mm shell fragments.</p>
	<p>490: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (2.5Y 3/1).</p>		<p>560: Silty sand (zS); medium to very coarse sand with clay and minor silt; moderately sorted; subangular; very dark gray (2.5Y 3/1); 1–3 mm shell fragments.</p>

**Figure 17N.** 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
	
570: Sandy silt (sZ); clay with very fine to fine sand and minor silt; moderately sorted; very dark gray (2.5Y 3/1); <i>trace 1–2 mm shell fragments.</i>	640: Sandy clay (sC); clay with fine to coarse sand; moderately sorted; light brownish gray (2.5Y 6/2).
	
573: Sandy clay (sC); clay with fine to very coarse sand; poorly sorted; gray (5Y 5/1).	650: Sandy clay (sC); clay with fine to coarse sand; moderately sorted; light brownish gray (2.5Y 6/2).
575: No shaker sample collected.	
580: Silty sand (zS); very fine to fine sand; very well sorted; subrounded; dark gray (5Y 4/1); <i>core 11.</i>	
	
590: Sandy clay (sC); clay with fine to coarse sand; moderately sorted; grayish brown (10YR 5/2).	660: Sandy clay (sC); clay with fine to medium sand; moderately sorted; brown (7.5YR 5/2).
	
600: Sandy clay (sC); clay with fine to medium sand; moderately sorted; grayish brown (10YR 5/2).	670: Sandy clay (sC); clay with very fine to medium sand and minor silt; poorly sorted; light brownish gray (2.5Y 6/2).
	
610: Sandy clay (sC); clay with fine to coarse sand; moderately sorted; grayish brown (10YR 5/2).	680: Sandy clay (sC); clay with very fine to fine sand and minor silt; moderately sorted; light brownish gray (2.5Y 6/2).
	
620: Sandy clay (sC); clay with fine to coarse sand; moderately sorted; brown (7.5YR 5/2).	690: Sandy clay (sC); clay with very fine to fine sand and minor silt; moderately sorted; light brownish gray (2.5Y 6/2).
	
630: Sandy clay (sC); clay with fine to coarse sand; moderately sorted; brown (7.5YR 5/2).	700: Sandy clay (sC); clay with very fine to fine sand and minor silt; moderately sorted; light brownish gray (2.5Y 6/2).

**Figure 17N.** 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; (**NI**) **SDOR**; (O) SDOT; and (P) SDBW. —Continued.


Depth (feet) and description	Depth (feet) and description
	
<p>710: Sandy clay (sC); clay with very fine to fine sand and minor silt; moderately sorted; light brownish gray (2.5Y 6/2).</p>	<p>780: Sandy silt (sZ); silt with very fine to fine sand; moderately sorted; light brownish gray (2.5Y 6/2).</p>
	
<p>720: Sandy clay (sC); clay with very fine to fine sand and minor silt; moderately sorted; light brownish gray (2.5Y 6/2).</p>	<p>790: Sandy clay (sC); clay with very fine to fine sand and minor silt; moderately sorted; grayish brown (2.5Y 5/2).</p>
	
<p>730: Sandy clay (sC); clay with very fine to fine sand and minor silt; moderately sorted; grayish brown (2.5Y 5/2).</p>	<p>800: Sandy clay (sC); clay with very fine to coarse sand; poorly sorted; grayish brown (10YR 5/2).</p>
	
<p>740: Sandy clay (sC); clay with very fine to fine sand and minor silt; moderately sorted; grayish brown (2.5Y 5/2).</p>	<p>810: Sandy clay (sC); clay with very fine to coarse sand; poorly sorted; grayish brown (10YR 5/2).</p>
	
<p>750: Sandy clay (sC); clay with very fine to fine sand and minor silt; moderately sorted; grayish brown (2.5Y 5/2).</p>	<p>820: Sandy clay (sC); clay with very fine to coarse sand; poorly sorted; grayish brown (10YR 5/2).</p>
	
<p>760: Sandy clay (sC); clay with very fine to fine sand and minor silt; moderately sorted; grayish brown (2.5Y 5/2).</p>	<p>825: Clayey silty sand (mS); very fine to medium sand, silt and clay; moderately sorted; angular to subangular; grayish brown (10YR 5/2); <i>core 12</i>.</p>
	
<p>770: Sandy clay (sC); clay with very fine to fine sand and minor silt; moderately sorted; grayish brown (2.5Y 5/2).</p>	<p>830: Clayey sand (cS); very fine to coarse sand with clay; poorly sorted; angular; grayish brown (10YR 5/2).</p>
<p>840: Sandy clay (sC); clay with very fine to fine sand and minor silt; moderately sorted; grayish brown (10YR 5/2).</p>	<p>840: Sandy clay (sC); clay with very fine to fine sand and minor silt; moderately sorted; grayish brown (10YR 5/2).</p>

**Figure 17N.** 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.




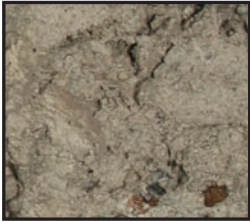
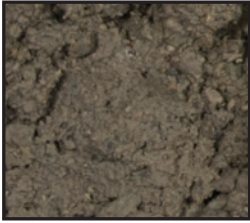



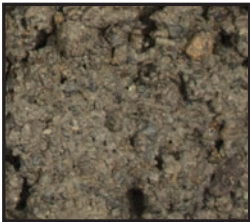

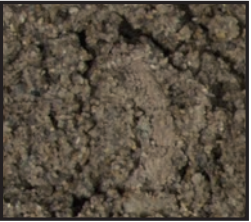
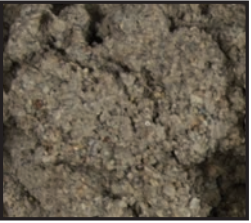

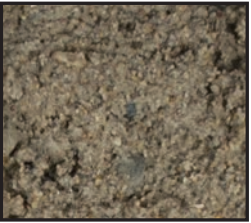


Depth (feet) and description	Depth (feet) and description	Depth (feet) and description	Depth (feet) and description
	850: Sandy clay (sC); clay with very fine to fine sand and minor silt; moderately sorted; grayish brown (10YR 5/2).		920: Silty sand (zS); very fine to coarse sand with silt; moderately sorted; subangular to angular; brown (10YR 5/3).
	860: Sandy clay (sC); clay with very fine to fine sand; poorly sorted; grayish brown (10YR 5/2).		930: Gravelly sand (gS); medium to very coarse sand with granules; moderately sorted; subrounded to subangular; light olive brown (2.5Y 5/3).
	870: Sandy clay (sC); clay with very fine to fine sand and minor silt; moderately sorted; grayish brown (10YR 5/2).		934: Silty sand (zS); very fine to very coarse sand and silt; poorly sorted; subrounded to subangular; yellowish brown (10YR 5/4); <i>core 14</i> . 940: Gravelly sand (gS); medium to very coarse sand, granule to small pebble-size gravel; poorly sorted; subangular to angular; light olive brown (2.5Y 5/3).
	880: Sandy clay (sC); clay with very fine to fine sand and minor silt; moderately sorted; grayish brown (10YR 5/2).		950: Silty sand (zS); very fine to coarse sand with silt; moderately sorted; subangular to angular; brown (10YR 5/3).
	890: Clayey sand (cS); very fine to coarse sand with clay and minor silt; poorly sorted; angular; grayish brown (10YR 5/2).		960: Gravelly silty sand (gmS); very fine to coarse sand with silt and granules to small pebbles; poorly sorted; subangular to angular; brown (10YR 5/3).
	895: No shaker sample collected. 896: Silty clay (M); clay and silt; very well sorted; brown (10YR 4/3); <i>core 13</i> . 900: Silty sand (zS); very fine to very coarse sand with silt; poorly sorted; angular; light olive brown (2.5Y 5/3).		970: Slightly gravelly silty sand ((g)mS); very fine to coarse sand with silt and granules; moderately sorted; subangular to angular; brown (10YR 5/3).
	910: Silty sand (zS); very fine to coarse sand with silt; moderately sorted; subangular to angular; light olive brown (2.5Y 5/3).		980: Slightly gravelly silty sand ((g)mS); very fine to coarse sand with silt and granules; moderately sorted; subangular to angular; brown (10YR 5/3).

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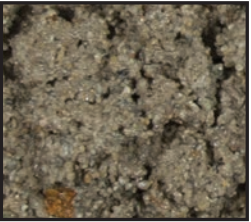

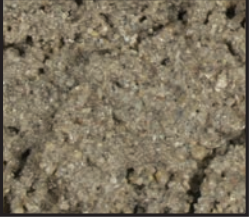








Depth (feet) and description	Depth (feet) and description		
	<p>990: Slightly gravelly silty sand ((g)mS); very fine to coarse sand with silt, granules, and minor clay; moderately sorted; subangular to angular; grayish brown (10YR 5/2).</p>		<p>1,060: Slightly gravelly clayey sand ((g)mS); fine to very coarse sand with clay, granules, and minor silt; poorly sorted; angular; brown (10YR 5/3).</p>
	<p>1,000: Gravelly clayey sand (gmS); very fine to coarse sand with clay, granules to small pebbles, and minor clay; poorly sorted; subangular to angular; grayish brown (10YR 5/2).</p>		<p>1,070: Slightly gravelly clayey sand ((g)mS); fine to very coarse sand with clay, granules, and minor silt; poorly sorted; angular; brown (10YR 5/3); <i>trace 1–2 mm shell fragments.</i></p>
	<p>1,010: Clayey sand (cS); very fine to very coarse sand with clay and minor silt; moderately sorted; subangular; grayish brown (10YR 5/2).</p>		<p>1,080: Clayey sand (cS); medium to very coarse sand with clay and minor silt; moderately sorted; angular; brown (10YR 5/3); <i>trace 1–2 mm shell fragments.</i></p>
	<p>1,020: Silty sand (zS); very fine to medium sand with silt; well sorted; subangular; light brownish gray (10YR 6/2).</p>		<p>1,090: Clayey sand (cS); medium to very coarse sand with clay and minor silt; moderately sorted; angular; brown (10YR 5/3).</p>
	<p>1,030: Slightly gravelly sandy clay ((g)sM); clay with fine to coarse sand with granules; poorly sorted; grayish brown (10YR 5/2).</p>		<p>1,100: Slightly gravelly clayey sand ((g)mS); medium to very coarse sand with clay, granules to medium pebbles, and minor silt; poorly sorted; angular; brown (10YR 5/3).</p>
	<p>1,040: Clayey sand (cS); medium to very coarse sand with clay and minor silt; moderately sorted; angular; brown (10YR 5/3).</p>		<p>1,110: Slightly gravelly clayey sand ((g)mS); medium to very coarse sand with clay, granules, and minor silt; moderately sorted; angular; brown (10YR 5/3).</p>
	<p>1,050: Slightly gravelly clayey sand ((g)mS); medium to very coarse sand with clay, granules, and minor silt; poorly sorted; angular; brown (10YR 5/3).</p>		<p>1,120: Slightly gravelly clayey sand ((g)mS); medium to very coarse sand with clay, granules, and minor silt; moderately sorted; angular; brown (10YR 5/3).</p>

**Figure 17N.** 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>1,130: Clayey sand (cS); very fine to coarse sand with clay and minor silt; poorly sorted; subangular; light brownish gray (10YR 6/2).</p>
	<p>1,140: Clayey sand (cS); very fine to coarse sand with clay; poorly sorted; subangular to angular; light brownish gray (10YR 6/2).</p>
	<p>1,150: Silty sand (zS); very fine to coarse sand with silt; moderately sorted; angular; light brownish gray (10YR 6/2).</p>
	<p>1,160: Silty sand (zS); very fine to very coarse sand with silt; poorly sorted; angular; light brownish gray (10YR 6/2).</p>
	<p>1,170: Clayey sand (cS); very fine to very coarse sand with clay and minor silt; poorly sorted; angular; brown (10YR 5/3).</p>
	<p>1,180: Slightly gravelly clayey sand ((g)mS); fine to coarse sand with clay, granules, and minor silt; poorly sorted; angular; brown (10YR 5/3).</p>
	<p>1,190: Slightly gravelly clayey sand ((g)mS); fine to coarse sand with clay, granules, and minor silt; poorly sorted; angular; brown (10YR 5/3).</p>
	<p>1,200: Slightly gravelly clayey sand ((g)mS); fine to coarse sand with clay, granules to medium pebbles, and minor silt; poorly sorted; angular; brown (10YR 5/3).</p>
	<p>1,210: Slightly gravelly clayey sand ((g)mS); fine to coarse sand with silt and granules to small pebbles; poorly sorted; angular; brown (10YR 5/3).</p>
	<p>1,220: Silty sand (zS); fine to coarse sand with silt; moderately sorted; angular; brown (10YR 5/3).</p>
	<p>1,230: Silty sand (zS); fine to coarse sand with silt; moderately sorted; angular; brown (10YR 5/3).</p>
	<p>1,240: Silty sand (zS); fine to coarse sand with silt; moderately sorted; angular; brown (10YR 5/3).</p>
	<p>1,250: Silty sand (zS); fine to coarse sand with silt; moderately sorted; angular; brown (10YR 5/3).</p>
	<p>1,260: Silty sand (zS); fine to coarse sand with silt; moderately sorted; angular; brown (10YR 5/3).</p>

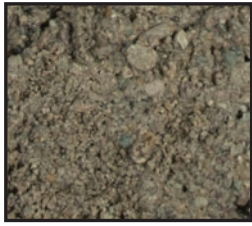
**Figure 17N.** Lithologic descriptions and photographs of **shaker** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 2003–2017: (A) SDCD; (B) SDSY; (C) SDLH; (D) SDAQ; (E) SDPC; (F) SDBP; (G) SDHF; (H) SDEP; (I) SDNB; (J) SDSW;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

Depth (feet) and description	Depth (feet) and description		
	<p>1,270: Slightly gravelly silty sand ((g)mS); fine to coarse sand with silt and granules to small pebbles; poorly sorted; angular; brown (10YR 5/3).</p>		<p>1,340: Clayey sand (cS); medium to coarse sand with clay and minor silt; moderately sorted; subangular to angular; brown (10YR 5/3).</p>
	<p>1,280: Clayey sand (cS); fine to very coarse sand with clay and minor silt; poorly sorted; angular; brown (10YR 5/3).</p>		<p>1,350: Clayey sand (cS); medium to very coarse sand with clay and minor silt; moderately sorted; subangular to angular; brown (10YR 5/3).</p>
	<p>1,290: Gravelly clayey sand (gmS); fine to very coarse sand with silt, granules, and minor clay; poorly sorted; subangular to angular; brown (10YR 5/3).</p>		<p>1,360: Clayey sand (cS); medium to very coarse sand with clay and minor silt; moderately sorted; subangular to angular; brown (10YR 5/3).</p>
	<p>1,300: Slightly gravelly clayey sand ((g)mS); fine to very coarse sand, granules, and minor silt; poorly sorted; angular; brown (10YR 5/3).</p>		<p>1,370: Clayey sand (cS); medium to very coarse sand with clay and minor silt; moderately sorted; subangular to angular; brown (10YR 5/3).</p>
	<p>1,310: Clayey sand (cS); medium to very coarse sand with clay and minor silt; moderately sorted; subangular; brown (10YR 5/3).</p>		<p>1,380: Clayey sand (cS); medium to very coarse sand with clay and minor silt; moderately sorted; subangular to angular; brown (10YR 5/3).</p>
	<p>1,320: Sand (S); medium to coarse sand; well sorted; subangular to angular; brown (10YR 5/3).</p>		<p>1,390: Silty sand (zS); medium to coarse sand with silt; moderately sorted; angular; brown (10YR 5/3).</p>
	<p>1,330: Silty sand (zS); medium to coarse sand with silt; moderately sorted; subangular to angular; brown (10YR 5/3).</p>		<p>1,400: Silty sand (zS); medium to very coarse sand with silt; moderately sorted; angular; brown (10YR 5/3).</p>

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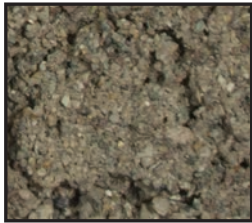
Depth (feet) and description



1,410: Silty sand (zS); medium to very coarse sand with silt; moderately sorted; angular; brown (10YR 5/3).



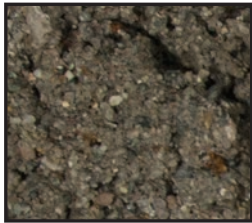
1,420: Clayey sand (cS); medium to very coarse sand with clay and minor silt; moderately sorted; angular; brown (10YR 5/3).



1,430: Silty sand (zS); medium to very coarse sand with silt; moderately sorted; angular; brown (10YR 5/3).



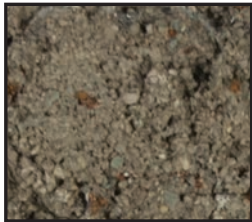
1,440: Silty sand (zS); medium to very coarse sand with silt; moderately sorted; angular; brown (10YR 5/3).



1,450: Silty sand (zS); fine to coarse sand with silt; moderately sorted; angular; brown (10YR 5/3).



1,460: Silty sand (zS); fine to coarse sand with silt; moderately sorted; angular; grayish brown (10YR 5/2).



1,470: Silty sand (zS); fine to coarse sand with silt; moderately sorted; angular; brown (10YR 5/3).

1,472: No shaker sample collected.

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