

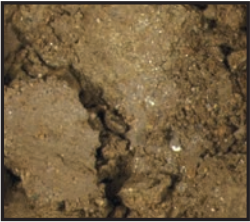
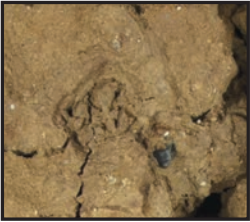
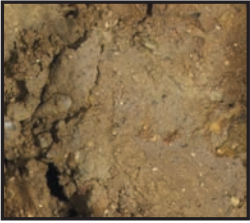
Depth (feet) and description	Depth (feet) and description
 <p>10: Gravelly sand (gS); medium to very coarse sand with granules to small pebbles; poorly sorted; subrounded to angular; very dark grayish brown (10YR 3/2).</p>	 <p>80: Silty sand (zS); very fine to medium sand with silt; poorly sorted; subrounded; dark brown (10YR 3/3).</p>
 <p>20: Gravel (G); granules to small pebbles with minor coarse sand; well sorted; subrounded to subangular; grayish brown (10YR 5/2).</p>	 <p>90: Clayey sand (cS); very fine to medium sand with clay; poorly sorted; subrounded; dark brown (10YR 3/3).</p>
 <p>30: Gravelly sand (gS); coarse to very coarse sand with granules to large pebbles; moderately sorted; subangular to angular; assorted colors.</p>	 <p>100: Clayey sand (cS); very fine to medium sand with clay; poorly sorted; subrounded; dark brown (10YR 3/3).</p>
 <p>40: Gravelly sand (gS); medium to very coarse sand with granules to large pebbles; poorly sorted; subangular to subrounded; assorted colors.</p>	 <p>110: Sand (S); very fine to coarse sand; poorly sorted; subrounded to subangular; brown (10YR 5/3).</p>
 <p>50: Gravelly sand (gS); medium to very coarse sand with granules; moderately sorted; subangular to angular; assorted colors.</p>	 <p>120: Clayey sand (cS); very fine to medium sand with clay and trace granules; very poorly sorted; subrounded; brown (10YR 5/3).</p>
 <p>60: Slightly gravelly sand ((g)S); medium to very coarse sand with granules; well sorted; subangular to angular; light yellowish brown (10YR 6/4).</p>	 <p>130: Clayey sand (cS); very fine to medium sand with clay and trace granules; very poorly sorted; subrounded; brown (7.5YR 4/4).</p>
 <p>70: Silty sand (zS); fine to medium sand with silt; poorly sorted; subrounded; brown (10YR 4/3).</p>	 <p>140: Slightly gravelly clayey sand ((g)mS); very fine to coarse sand with clay and granules to medium pebbles; very poorly sorted; subrounded; brown (7.5YR 4/4).</p>

Figure 170. 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) SDGD; (B) SDSY; (C) SDLH; (D) SDAQ; (E) SDGP; (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: Gravelly sand (gS); fine to very coarse sand with granules to large pebbles; poorly sorted; subangular to angular; brown (7.5YR 4/4).</p>	 <p>220: Gravelly sand (gS); coarse to very coarse sand with granules to small pebbles; moderately sorted; subangular to very angular; light yellowish brown (10YR 6/4).</p>
 <p>160: Slightly gravelly sand ((g)S); fine to coarse sand with granules; poorly sorted; subangular; yellowish brown (10YR 5/4).</p>	 <p>230: Slightly gravelly sand ((g)S); medium to very coarse sand with granules; poorly sorted; subangular; yellowish brown (10YR 5/4).</p>
 <p>170: Sand (S); medium to very coarse sand; well sorted; subrounded; light yellowish brown (10YR 6/4).</p>	 <p>240: Slightly gravelly sand ((g)S); fine to coarse sand with granules to small pebbles; poorly sorted; subangular; brown (10YR 5/3).</p>
 <p>180: Silty sand (zS); fine to very coarse sand with silt; poorly sorted; subrounded; brown (10YR 4/3).</p>	 <p>250: Slightly gravelly sand ((g)S); fine to very coarse sand with granules; poorly sorted; subrounded; brown (10YR 5/3).</p>
 <p>190: Gravelly sand (gS); medium to very coarse sand with granules to medium pebbles; poorly sorted; subrounded to angular; yellowish brown (10YR 5/4).</p>	 <p>260: Gravelly sand (gS); fine to very coarse sand with granules to small pebbles; poorly sorted; subrounded to angular; brown (10YR 5/3).</p>
 <p>200: Gravelly sand (gS); medium to very coarse sand with granules to small pebbles; poorly sorted; subrounded to subangular; light yellowish brown (10YR 6/4).</p>	 <p>270: Slightly gravelly sand ((g)S); medium to very coarse sand with granules to medium pebbles; moderately sorted; subangular to angular; yellowish brown (10YR 5/4).</p>
 <p>210: Slightly gravelly sand ((g)S); medium to very coarse sand with granules to medium pebbles; poorly sorted; subrounded to subangular; yellowish brown (10YR 5/4).</p>	 <p>280: Slightly gravelly silty sand ((g)mS); very fine to medium sand with silt and minor clay with granules; very poorly sorted; subrounded; very dark grayish brown (10YR 3/2).</p>

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Depth (feet) and description	Depth (feet) and description
 <p>290: Gravelly sand (gS); medium to very coarse sand with granules to medium pebbles; poorly sorted; angular; brown (10YR 4/3).</p>	 <p>360: Gravelly sand (gS); medium to very coarse sand, granule to medium pebble-size gravel; poorly sorted; subangular to angular; brown (10YR 5/3).</p>
 <p>300: Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; very dark grayish brown (10YR 3/2).</p>	 <p>370: Gravelly sand (gS); medium to very coarse sand with granules to medium pebbles; poorly sorted; subangular to angular; brown (10YR 5/3).</p>
 <p>310: Gravelly sand (gS); medium to very coarse sand with granules to small pebbles; poorly sorted; subangular; brown (10YR 5/3).</p>	 <p>380: Slightly gravelly sand ((g)S); medium to very coarse sand with granules; moderately sorted; subangular; brown (10YR 5/3).</p>
 <p>320: Gravelly silty sand (gmS); very fine to coarse sand with silt and granules to small pebbles; poorly sorted; subangular; brown (10YR 5/3).</p>	 <p>390: Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; grayish brown (10YR 5/2).</p>
 <p>330: Gravelly sand (gS); medium to very coarse sand with granules to medium pebbles; poorly sorted; subangular to angular; brown (10YR 5/3).</p>	 <p>400: Slightly gravelly sand ((g)S); fine to very coarse sand with granules; poorly sorted; subangular; yellowish brown (10YR 5/4).</p>
 <p>340: Gravelly sand (gS); medium to very coarse sand with granules to medium pebbles; poorly sorted; subangular to angular; brown (10YR 5/3).</p>	 <p>410: Silty gravelly sand (gmS); very fine to coarse sand, granules with silt and minor clay; poorly sorted; subangular; grayish brown (10YR 5/2).</p>
 <p>350: Slightly gravelly sand ((g)S); very fine to coarse sand with granules to small pebbles; poorly sorted; subangular to angular; yellowish brown (10YR 5/4).</p>	 <p>420: Slightly gravelly silty sand ((g)mS); very fine to medium sand, silt, granules to small pebbles, and minor clay; very poorly sorted; subangular; dark grayish brown (10YR 4/2).</p>

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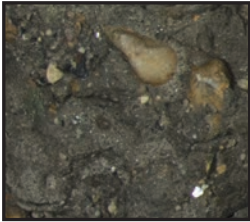
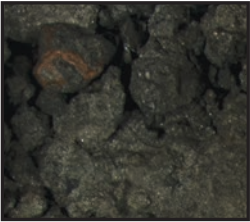

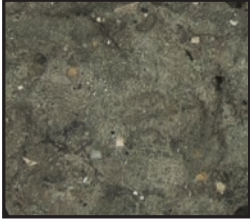


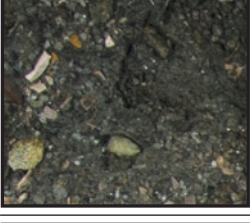
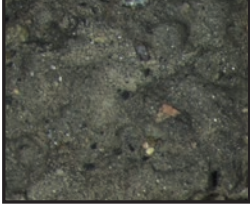
Depth (feet) and description	Depth (feet) and description
 <p>430: Slightly gravelly silty sand ((g)mS); very fine to medium sand, silt, granules to small pebbles, and minor clay; very poorly sorted; subangular; dark grayish brown (10YR 4/2).</p>	 <p>500: Slightly gravelly silty sand ((g)mS); very fine to coarse sand, silt, granules to small pebbles, and minor clay; poorly sorted; subangular; dark gray (10YR 4/1).</p>
 <p>440: Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1); <i>trace shell fragments</i>.</p>	 <p>510: Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1).</p>
 <p>450: Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1); <i>trace shell fragments</i>.</p>	 <p>520: Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1); <i>trace shell fragments</i>.</p>
 <p>460: Gravelly silty sand (gmS); very fine to coarse sand, silt, granules to small pebbles, and minor clay; very poorly sorted; subangular to angular; dark gray (10YR 4/1); <i>shell fragments</i>.</p>	 <p>530: Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1); <i>trace shell fragments</i>.</p>
 <p>470: Slightly gravelly silty sand ((g)mS); very fine to coarse sand, silt, granules to small pebbles, and minor clay; poorly sorted; subangular; dark gray (10YR 4/1); <i>shell fragments</i>.</p>	 <p>540: Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1); <i>shell fragments</i>.</p>
 <p>480: Gravelly sand (gS); very fine to coarse sand with granules to small pebbles; poorly sorted; subangular to angular; dark gray (10YR 4/1); <i>shell fragments</i>.</p>	 <p>550: Slightly gravelly silty sand ((g)mS); very fine to coarse sand, silt, granules, and minor clay; poorly sorted; subangular to subrounded; dark gray (10YR 4/1); <i>shell fragments</i>.</p>
 <p>490: Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1); <i>shell fragments</i>.</p>	 <p>560: Slightly gravelly silty sand ((g)mS); very fine to medium sand, silt, granules, and minor clay; poorly sorted; subangular; dark gray (10YR 4/1); <i>shell fragments</i>.</p>

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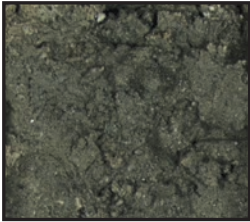
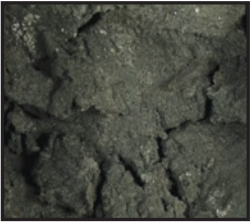
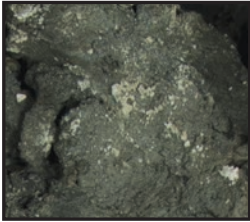
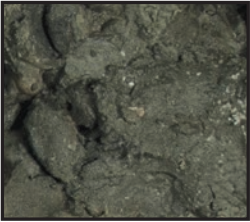
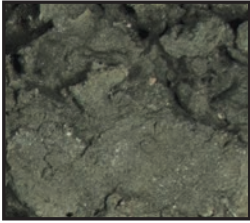
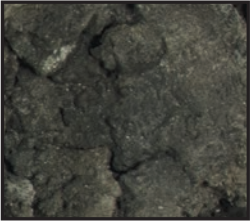


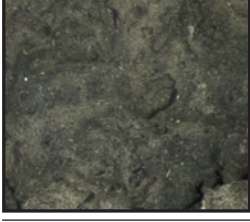

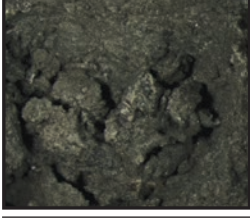
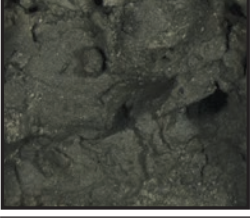
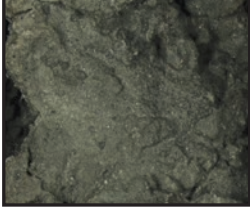

Depth (feet) and description	Depth (feet) and description
 <p>570: Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1).</p>	 <p>640: Silty sand (zS); very fine to fine sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1).</p>
 <p>580: Silty sand (zS); very fine to medium sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1); <i>trace shell fragments</i>.</p>	 <p>650: Silty sand (zS); very fine to fine sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1).</p>
 <p>590: Silty sand (zS); very fine to fine sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1).</p>	 <p>660: Silty sand (zS); very fine to fine sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1).</p>
 <p>600: Silty sand (zS); very fine to fine sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1).</p>	 <p>670: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>
 <p>610: Silty sand (zS); very fine to fine sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1).</p>	 <p>680: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>
 <p>620: Silty sand (zS); very fine to fine sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1).</p>	 <p>690: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>
 <p>630: Silty sand (zS); very fine to fine sand with silt and minor clay; poorly sorted; subangular; dark gray (10YR 4/1).</p>	 <p>700: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>

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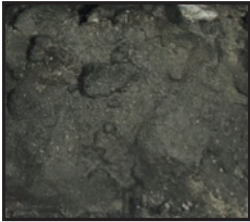
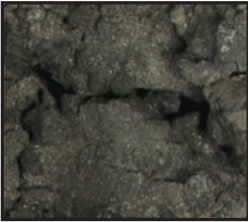
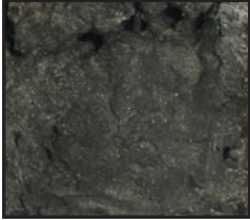
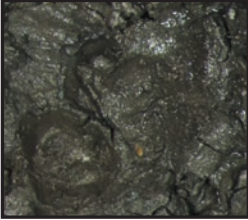
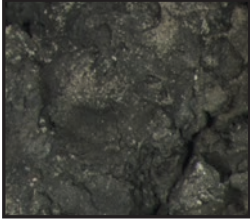
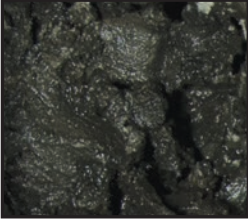
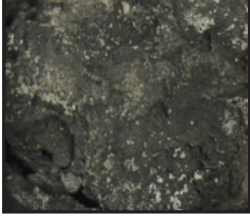


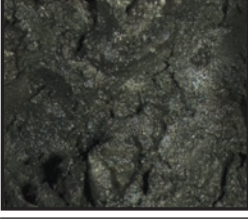

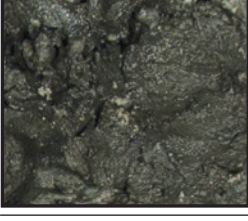
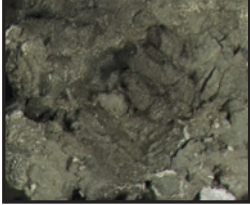
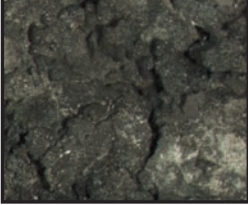
Depth (feet) and description	Depth (feet) and description
 <p>710: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>780: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>
 <p>720: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>790: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>
 <p>730: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>800: Sandy clay (sC); clay with very fine to fine sand and minor silt; poorly sorted; very dark gray (10YR 3/1).</p>
 <p>740: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>810: Sandy clay (sC); clay with very fine to fine sand and minor silt; poorly sorted; very dark gray (10YR 3/1).</p>
 <p>750: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>820: Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1).</p>
 <p>760: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>830: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; very dark gray (10YR 3/1).</p>
 <p>770: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>840: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>

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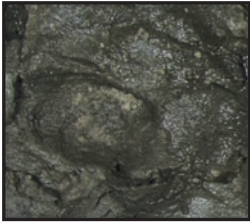
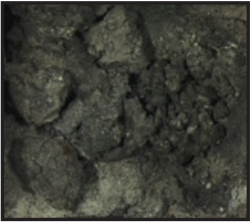
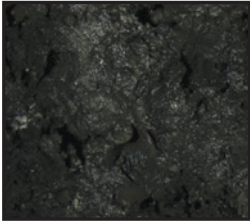
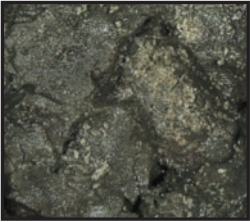
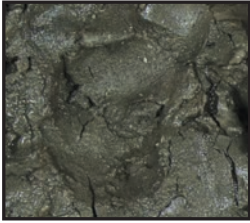
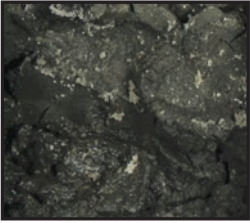

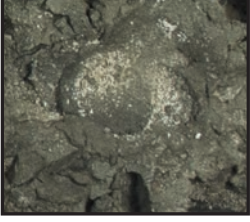
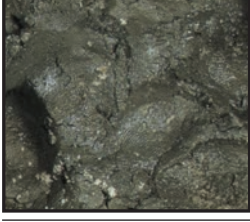

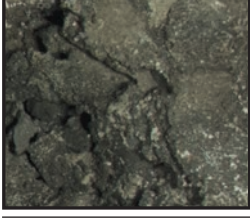


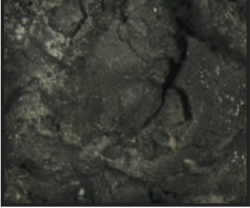
Depth (feet) and description	Depth (feet) and description
 <p>850: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>920: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>
 <p>860: Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1).</p>	 <p>930: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>
 <p>870: Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1).</p>	 <p>940: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>
 <p>880: Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1).</p>	 <p>950: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>
 <p>890: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; very dark gray (10YR 3/1).</p>	 <p>960: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>
 <p>900: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>970: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>
 <p>910: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>980: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>

Figure 170. 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) SDGD; (B) SDSY; (C) SDLH; (D) SDAQ; (E) SDGP; (F) SDBP; (G) SDHF; (H) SDEP; (I) SDNB; (J) SDSW; (K) SDMC; (L) SDLD; (M) SDCC; (N) SDOR; **(O) SDOT**; and (P) SDBW. —Continued.

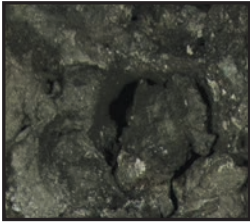
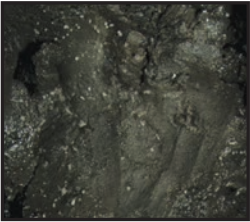
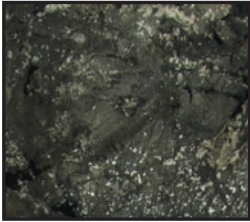
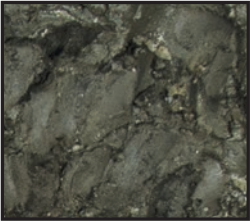
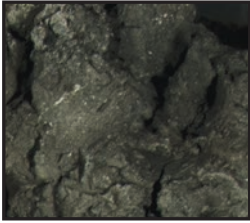
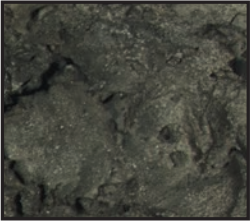

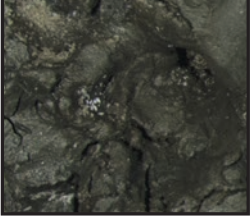
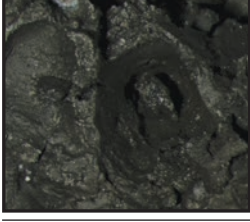
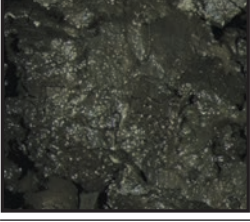
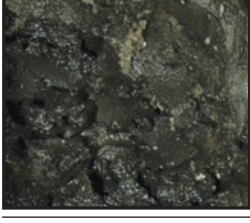
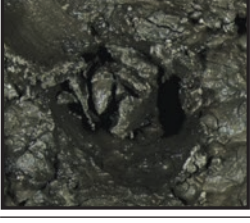
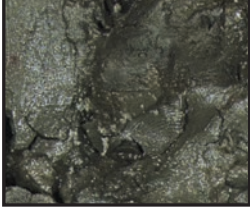
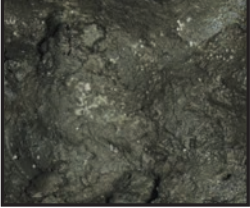
Depth (feet) and description	Depth (feet) and description
 <p>990: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>1,060: Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1).</p>
 <p>1,000: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>1,070: Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1).</p>
 <p>1,010: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>1,080: Sandy clay (sC); clay with very fine to fine sand and minor silt; poorly sorted; dark gray (10YR 4/1).</p>
 <p>1,020: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>1,090: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>
 <p>1,030: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>1,100: Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1).</p>
 <p>1,040: Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1).</p>	 <p>1,110: Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1).</p>
 <p>1,050: Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1).</p>	 <p>1,120: Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1).</p>

Figure 170. 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) SDGD; (B) SDSY; (C) SDLH; (D) SDAQ; (E) SDGP; (F) SDBP; (G) SDHF; (H) SDEP; (I) SDNB; (J) SDSW; (K) SDMC; (L) SDLD; (M) SDCC; (N) SDOR; **(O) SDOT**; and (P) SDBW. —Continued.

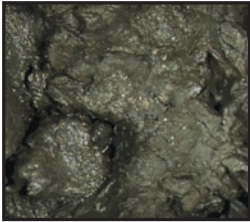
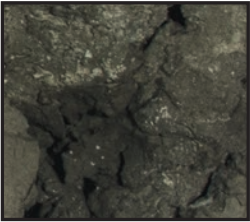
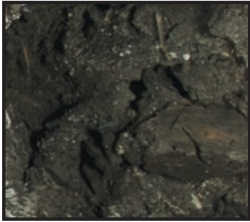
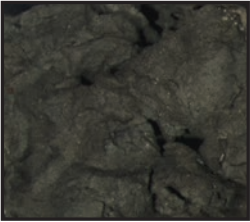
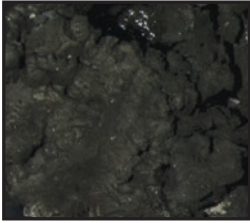



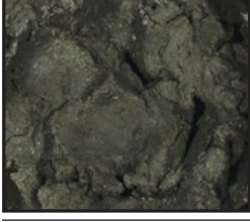

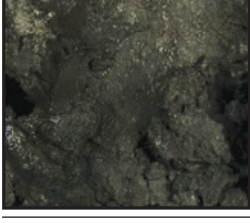
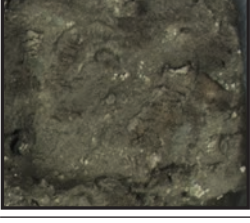
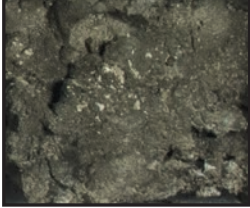

Depth (feet) and description	Depth (feet) and description
 <p>1,130: Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1).</p>	 <p>1,200: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>
 <p>1,140: Sandy clay (sC); clay with very fine to fine sand and minor silt; poorly sorted; dark gray (10YR 4/1).</p>	 <p>1,210: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>
 <p>1,150: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>1,220: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>
 <p>1,160: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>1,230: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>
 <p>1,170: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>1,240: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>
 <p>1,180: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>1,250: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>
 <p>1,190: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>1,260: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>

Figure 170. 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) SDGP; (F) SDBP; (G) SDHF; (H) SDEP; (I) SDNB; (J) SDSW; (K) SDMC; (L) SDLD; (M) SDCC; (N) SDOR; **(O) SDOT**; and (P) SDBW. —Continued.

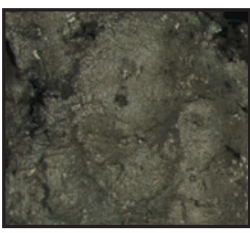
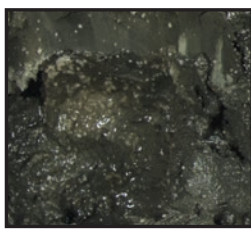
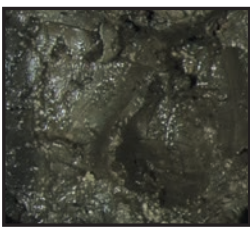
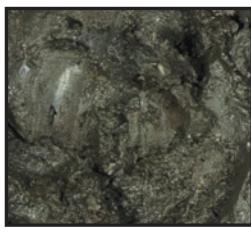
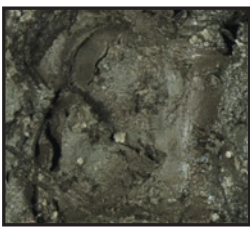

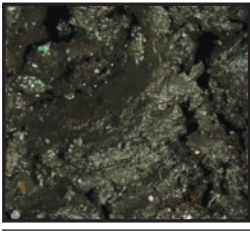
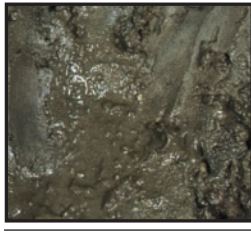
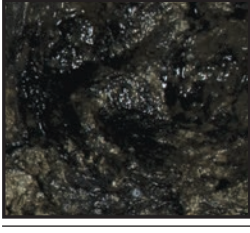

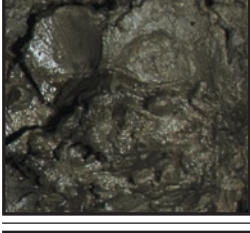

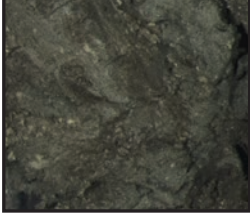

Depth (feet) and description	Depth (feet) and description
 <p>1,270: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>1,340: Sandy clay (sC); clay with very fine sand; moderately sorted; very dark gray (10YR 3/1).</p>
 <p>1,280: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>1,350: Sandy clay (sC); clay with very fine sand; moderately sorted; very dark gray (10YR 3/1).</p>
 <p>1,290: Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1).</p>	 <p>1,360: Sandy clay (sC); clay with very fine sand; moderately sorted; very dark gray (10YR 3/1).</p>
 <p>1,300: Sandy clay (sC); clay with very fine to fine sand; poorly sorted; very dark gray (10YR 3/1).</p>	 <p>1,370: Sandy clay (sC); clay with very fine sand; moderately sorted; very dark gray (10YR 3/1).</p>
 <p>1,310: Sandy clay (sC); clay with very fine to fine sand; moderately sorted; black (10YR 2/1).</p>	 <p>1,380: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (10YR 3/1).</p>
 <p>1,320: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>1,390: Sandy silt (sZ); silt with very fine sand; moderately sorted; dark gray (10YR 4/1).</p>
 <p>1,330: Sandy silt (sZ); silt with very fine to fine sand and minor clay; poorly sorted; dark gray (10YR 4/1).</p>	 <p>1,400: Sandy silt (sZ); silt with very fine sand; moderately sorted; dark gray (10YR 4/1).</p>

Figure 170. 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) SDGD; (B) SDSY; (C) SDLH; (D) SDAQ; (E) SDGP; (F) SDBP; (G) SDHF; (H) SDEP; (I) SDNB; (J) SDSW; (K) SDMC; (L) SDLD; (M) SDCC; (N) SDOR; **(O) SDOT**; and (P) SDBW. —Continued.

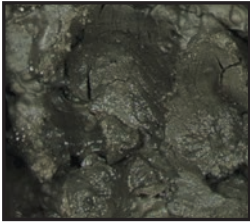
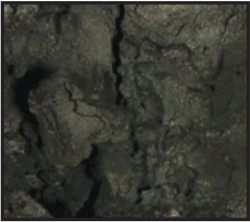
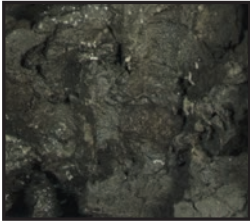
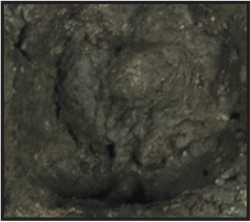
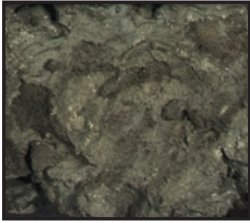
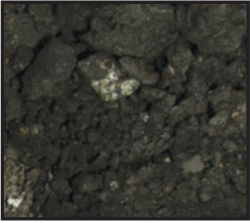




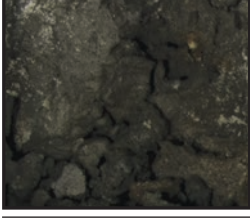


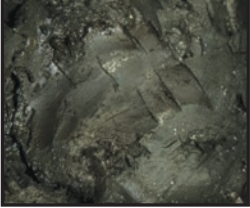
Depth (feet) and description	Depth (feet) and description
 <p>1,410: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1).</p>	 <p>1,480: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1).</p>
 <p>1,420: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1).</p>	 <p>1,490: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1).</p>
 <p>1,430: Sandy silt (sZ); silt with very fine sand; moderately sorted; dark gray (10YR 4/1).</p>	 <p>1,500: Silty sand (zS); very fine to fine sand with clay and silt; moderately sorted; subangular; dark gray (10YR 4/1).</p>
 <p>1,440: Sandy silt (sZ); silt with very fine sand; moderately sorted; dark gray (10YR 4/1).</p>	 <p>1,510: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1).</p>
 <p>1,450: Sandy silt (sZ); silt with very fine sand; moderately sorted; dark gray (10YR 4/1).</p>	 <p>1,520: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; very dark gray (10YR 3/1).</p>
 <p>1,460: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1).</p>	 <p>1,530: Sandy clay (sC); clay with very fine sand; moderately sorted; very dark gray (10YR 3/1).</p>
 <p>1,470: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1).</p>	 <p>1,540: Sandy clay (sC); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1).</p>

Figure 170. 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) SDGD; (B) SDSY; (C) SDLH; (D) SDAQ; (E) SDGP; (F) SDBP; (G) SDHF; (H) SDEP; (I) SDNB; (J) SDSW; (K) SDMC; (L) SDLD; (M) SDCC; (N) SDOR; **(O) SDOT**; and (P) SDBW. —Continued.

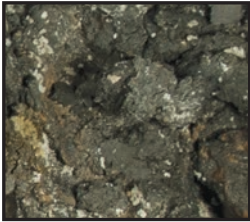
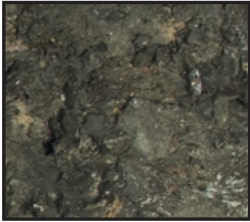
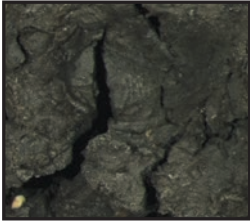
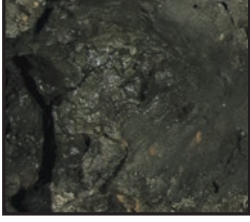
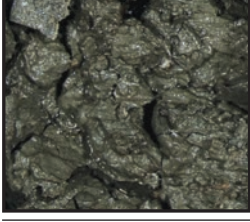

Depth (feet) and description	
	1,550: Sandy silt (sZ); clay and silt with very fine sand to medium sand; poorly sorted; dark gray (10YR 4/1); <i>shell fragments</i> .
	1,560: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1); trace <i>shell fragments</i> .
	1,570: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1).
	1,580: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1); <i>shell fragments</i> .
	1,590: Sandy silt (sZ); silt with very fine sand and minor clay; moderately sorted; dark gray (10YR 4/1).
	1,600: Sandy silt (sZ); silt with very fine sand; moderately sorted; dark gray (10YR 4/1).
	1,605: No shaker sample collected.
	1,610: <i>Core I</i> .

Figure 170. 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.