


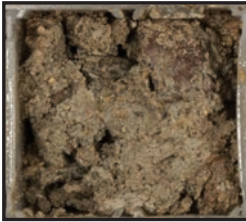
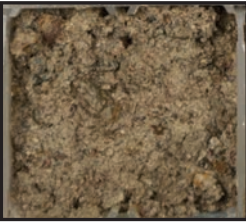





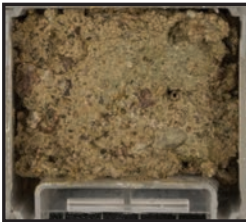


Depth (feet) and description	Depth (feet) and description		
	<p>10: Sandy gravel (sG); granules to very large pebbles with very fine to very coarse sand; very poorly sorted; very angular to subrounded; olive brown (2.5Y 4/4); <i>micaceous</i>.</p>		<p>80: Gravel (G); granules to large pebbles with minor fine to very coarse sand, and clay; moderately sorted; very angular to subangular; light yellowish brown (2.5Y 6/3); <i>calcareous</i>.</p>
	<p>20: Slightly gravelly sand ((g)S); medium to very coarse sand with granules to small pebbles; moderately to well sorted; subangular to well rounded; light olive brown (2.5Y 5/3).</p>		<p>90: Sandy gravel (sG); granules to very large pebbles with very fine to very coarse sand and minor clay; very poorly sorted; angular to subangular; light yellowish brown (2.5Y 6/3); <i>calcareous</i>.</p>
	<p>30: Sandy gravel (sG); granules to medium pebbles with medium to very coarse sand; poorly to moderately sorted; angular to subrounded; light olive brown (2.5Y 5/4).</p>		<p>100: Sandy gravelly clay (gM); clay with granules to large pebbles and very fine to very coarse sand; very poorly sorted; light yellowish brown (2.5Y 6/3); <i>calcareous</i>.</p>
	<p>40: Sandy gravel (sG); granules to large pebbles with medium to very coarse sand; poorly sorted; very angular to subrounded; light olive brown (2.5Y 5/3).</p>		<p>110: Sandy gravelly clay (gM); clay with granules to small pebbles and very fine to very coarse sand; very poorly sorted; light yellowish brown (2.5Y 6/3); <i>calcareous</i>.</p>
	<p>50: Sandy gravel (sG); granules to large pebbles with medium to very coarse sand; poorly sorted; angular to subrounded; light olive brown (2.5Y 5/3).</p>		<p>120: Sandy clay (sC); clay with very fine to very coarse sand and minor granules; very poorly sorted; light brownish gray (2.5Y 6/2); <i>calcareous</i>.</p>
	<p>60: Sandy gravel (sG); granules to large pebbles with medium to very coarse sand; poorly sorted; angular to subrounded; olive brown (2.5 Y 4/4).</p>		<p>130: Clayey gravelly sand (gmS); very fine to very coarse sand with granules to large pebbles and clay; very poorly sorted; angular to subrounded; light olive brown (2.5Y 5/3); <i>slightly calcareous</i>.</p>
	<p>70: Sandy gravel (sG); granules to large pebbles with medium to very coarse sand; poorly sorted; angular to subrounded; light olive brown (2.5Y 5/3).</p>		<p>140: Sandy clayey gravel (mG); granules to large pebbles with clay and very fine to very coarse sand; very poorly sorted; angular to subrounded; gray (2.5Y 6/1); <i>calcareous</i>.</p>


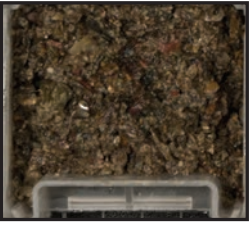






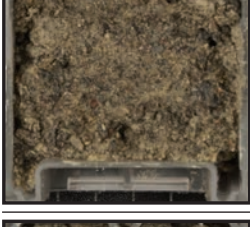
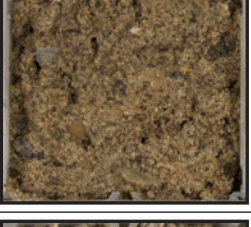

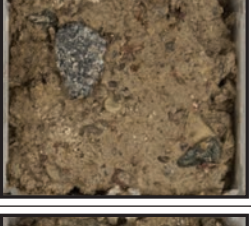


**Figure 17E.** Lithologic descriptions and photographs of **shaker** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 2003–2017: (A) SDCD; (B) SDSY; (C) SDLH; (D) SDAQ; (E) SDCP; (F) SDBP; (G) SDHF; (H) SDEP; (I) SDNB; (J) SDSW;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

Depth (feet) and description	Depth (feet) and description
	
<p>150: Sandy clayey gravel (mG); granules to large pebbles with clay and very fine to very coarse sand; very poorly sorted; angular to rounded; olive gray (5Y 5/2).</p>	<p>200: Gravelly clayey sand (gmS); very fine to very coarse sand with clay and granules to medium pebbles; very poorly sorted; angular to subangular; light brownish gray (2.5Y 6/2); <i>calcareous</i>.</p>
	
<p>157: Gravel (G); cobbles; moderately to well sorted; very angular; dark yellowish brown (10YR 3/4); <i>core 1</i>.</p>	<p>210: Sandy clayey gravel (mG); granules to large pebbles with clay and very fine to very coarse sand; very poorly sorted; angular to subrounded; olive (5Y 5/3); <i>calcareous</i>.</p>
	
<p>157.75: Clayey gravel (mG); granules to large pebbles with clay and minor silt; very poorly sorted; very angular; light greenish gray (5GY 7/1); <i>slightly calcareous; core 2</i>.</p>	<p>220: Clayey sandy gravel (msG); granules to medium pebbles with very fine to very coarse sand, and clay; very poorly sorted; angular to subrounded; olive (5Y 5/3); <i>calcareous</i>.</p>
	
<p>160: Clayey sandy gravel (msG); granules to large pebbles with very fine to very coarse sand, and clay; very poorly sorted; subangular to rounded; light yellowish brown (2.5Y 6/3); <i>trace wood fragments, ~15 mm</i>.</p>	<p>230: Clayey silty sandy gravel (msG); granules to medium pebbles with very fine to very coarse sand and silt with clay; very poorly sorted; angular to subrounded; light olive brown (2.5Y 5/3); <i>calcareous</i>.</p>
	
<p>170: Clayey sandy gravel (msG); granules to large pebbles with very fine to very coarse sand, and clay; very poorly sorted; very angular to subangular; olive gray (5Y 5/2).</p>	<p>240: Slightly gravelly clayey sand ((g)mS); fine to very coarse sand with clay and granules to small pebbles; very poorly sorted; angular to subrounded; light yellowish brown (2.5Y 6/3); <i>slightly calcareous</i>.</p>
	
<p>180: Clayey sandy gravel (msG); granules to small pebbles with very fine to very coarse sand and clay; very poorly sorted; very angular; light olive gray (5Y 6/2); <i>calcareous</i>.</p>	<p>245: Silty sand (zS); very fine to fine sand with silt; well sorted; angular; grayish brown (10YR 5/2); <i>micaceous; core 3</i>.</p>
	
<p>190: Gravelly clayey sand (gmS); very fine to very coarse sand with clay and granules to large pebbles; very poorly sorted; very angular to subangular; olive (5Y 5/3); <i>calcareous</i>.</p>	<p>250: Silty sand (zS); very fine to medium sand with silt; moderately to well sorted; angular to subrounded; dark yellowish brown (10YR 4/4); <i>minor mica; oxidized; core 4</i>.</p>



**Figure 17E.** 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>260: Clayey silty sand (mS); very fine to coarse sand and silt with clay and trace granules to medium pebbles; very poorly sorted; angular to subangular; brown (10YR 5/3); <i>calcareous</i>.</p>		<p>330: Silty clayey sand (mS); very fine to very coarse sand with clay and silt; very poorly sorted; subangular to rounded; grayish brown (2.5Y 5/2); <i>calcareous</i>.</p>
	<p>270: Silty clayey sand (mS); very fine to coarse sand with clay and silt; poorly sorted; angular to subrounded; olive brown (2.5Y 4/4); <i>calcareous</i>.</p>		<p>340: Sand (S); very fine to coarse sand with clay and minor granules to medium pebbles; poorly to moderately sorted; subangular to subrounded; light brownish gray (2.5Y 6/2).</p>
	<p>280: Slightly gravelly silty sandy clay ((g)sM); clay with very fine to coarse sand and silt with granules to small pebbles; poorly sorted; light olive brown (2.5Y 5/3); <i>slightly calcareous</i>.</p>		<p>350: Clayey sand (cS); very fine to coarse sand with clay and minor granules to medium pebbles; poorly to moderately sorted; subangular to subrounded; light brownish gray (2.5Y 6/2); <i>calcareous</i>.</p>
	<p>290: Silty clay (zC); Clay with silt and minor very fine to coarse sand with trace granules; well sorted; greenish gray (10Y 5/1); <i>calcareous</i>.</p>		<p>360: Sandy clay (sC); clay with very fine to coarse sand and trace granules; poorly sorted; light brownish gray (2.5Y 6/2); <i>calcareous</i>.</p>
	<p>300: Sandy clay (sC); clay with very fine to medium sand; moderately sorted; greenish gray (10Y 5/1); <i>calcareous</i>.</p>		<p>370: Clayey sand (cS); very fine to coarse sand with clay and trace granules; poorly sorted; subangular to rounded; light olive brown (2.5Y 5/3); <i>calcareous</i>.</p>
	<p>310: Sandy clay (sC); clay with very fine to coarse sand; poorly to moderately sorted; olive (5Y 5/3); <i>calcareous</i>.</p>		<p>380: Clayey sand (cS); very fine to coarse sand with clay and trace granules; poorly sorted; subangular to rounded; light olive brown (2.5Y 5/3); <i>calcareous</i>.</p>
	<p>320: Gravelly clayey sand (gmS); very fine to very coarse sand with clay and granules to medium pebbles; very poorly sorted; angular to subrounded; olive (5Y 5/3); <i>calcareous</i>.</p>		<p>390: Sand (S); very fine to coarse sand; moderately sorted; angular to subrounded; light olive brown (2.5Y 5/3); <i>slightly calcareous</i>.</p>

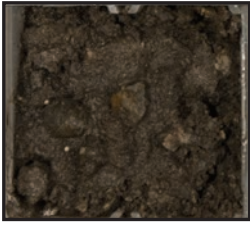
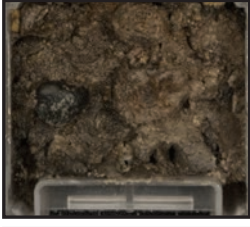



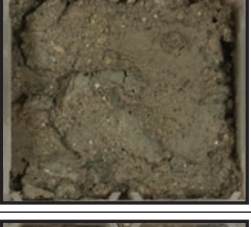


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Depth (feet) and description	Depth (feet) and description		
	<p>400: Sandy clay (sC); clay and very fine to medium sand with minor very coarse sand to small pebbles; poorly to moderately sorted; light olive brown (2.5Y 5/3); <i>calcareous</i>.</p>		<p>460: Sandy gravel (sG); granules to large pebbles with very fine to very coarse sand; very poorly sorted; very angular; olive brown (2.5Y 4/3).</p>
	<p>410: Slightly gravelly sandy clay ((g)sM); clay with very fine to very coarse sand and granules to medium pebbles; very poorly sorted; dark gray (2.5Y 4/1); <i>minor biotite</i>.</p>		<p>470: Gravelly clayey sand (gmS); very fine to very coarse sand with clay and granules to medium pebbles; very poorly sorted; angular to subrounded; light olive brown (2.5Y 5/3).</p>
	<p>415: Silty clay (M); clay with silt; well sorted; black (2.5Y 2.5/1); <i>micaceous</i>; <i>core 5</i>.</p>		<p>480: Gravelly sandy clay (gM); clay with very fine to medium sand and granules to medium pebbles; very poorly sorted; light olive gray (5Y 6/2).</p>
	<p>420: Clayey sandy gravel (msG); granules to large pebbles with very fine to very coarse sand and clay; very poorly sorted; very angular; gray (5Y 5/1); <i>extremely calcareous</i>; <i>micaceous</i>; <i>core 6</i>.</p>		<p>490: Slightly gravelly clayey sand ((g)mS); very fine to very coarse sand with clay and granules to small pebbles; very poorly sorted; angular to subrounded; light olive brown (2.5Y 5/4); <i>calcareous</i>.</p>
	<p>430: Gravelly clayey sand (gmS); very fine to very coarse sand with clay and granules to medium pebbles; very poorly sorted; very angular to subangular; light olive gray (5Y 6/2).</p>		<p>500: Gravelly sand (gS); very fine to very coarse sand with granules to large pebbles; poorly sorted; subangular to subrounded; light olive brown (2.5Y 5/4); <i>slightly calcareous</i>.</p>
	<p>440: Gravelly sand (gS); very fine to very coarse sand with granules to medium pebbles and minor clay; very poorly sorted; subangular to rounded; olive gray (5Y 5/2); <i>calcareous</i>.</p>		<p>510: Sandy clayey gravel (mG); granules to large pebbles with clay and very fine to medium with minor very coarse sand; very poorly sorted; angular to subrounded; light olive brown (2.5Y 5/3); <i>calcareous</i>.</p>
	<p>450: Sandy gravel (sG); granules to large pebbles with very fine to very coarse sand; very poorly sorted; very angular; light olive brown (2.5Y 5/3); <i>minor mica</i>.</p>		<p>520: Clayey sandy gravel (msG); granules to large pebbles with very fine to very coarse sand, and clay; very poorly sorted; very angular to subrounded; light olive brown (2.5Y 5/3).</p>



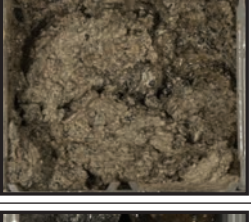

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Depth (feet) and description	Depth (feet) and description		
	<p>530: Sandy gravel (sG); granules to small pebbles with very fine to very coarse sand; poorly to moderately sorted; very angular; olive brown (2.5Y 5/4); <i>slightly calcareous</i>.</p>		<p>590: Gravel (G); large pebbles to cobbles; moderately sorted; angular to rounded; various colors; <i>core 8</i>.</p>
	<p>540: Sandy gravel (sG); granules to large pebbles with very fine to very coarse sand; poorly to moderately sorted; very angular to subrounded; grayish brown (2.5Y 5/2); <i>calcareous</i>.</p>		<p>600: Silty clayey sandy gravel (msG); granules to medium pebbles with very fine to very coarse sand and clay with silt; very poorly sorted; angular to subrounded; grayish brown (2.5Y 5/2); <i>calcareous</i>.</p>
	<p>550: Sandy clayey silty gravel (mG); granules to large pebbles with silt and clay with very fine to coarse sand; very poorly sorted; very angular to subrounded; grayish brown (2.5Y 5/2); <i>calcareous</i>.</p>		<p>610: Gravelly sandy clay (gM); clay with very fine to coarse sand with granules to medium pebbles; very poorly sorted; pale olive (5Y 6/3); <i>calcareous</i>.</p>
	<p>560: Sandy gravel (sG); granules to large pebbles with very fine to coarse sand and minor clay; poorly sorted; angular to subrounded; grayish brown (2.5Y 5/2).</p>		<p>620: Sandy clayey gravel (mG); granules to medium pebbles with clay and very fine to very coarse sand; very poorly sorted; angular to subrounded; light olive gray (5Y 6/2); <i>calcareous</i>.</p>
	<p>570: Silty clayey gravel (mG); granules to large pebbles with clay and silt with minor very fine to medium sand; very poorly sorted; angular to subrounded; grayish brown (2.5Y 5/2); <i>calcareous</i>.</p>		<p>630: Sandy gravelly clay (gM); clay with granules to medium pebbles and very fine to very coarse sand; very poorly sorted; olive gray (5Y 5/2); <i>calcareous</i>.</p>
	<p>580: Sandy gravel (sG); granules to medium pebbles with fine to very coarse sand and minor clay; poorly sorted; very angular; grayish brown (2.5Y 5/2); <i>slightly calcareous</i>.</p>		<p>640: Sandy clayey gravel (mG); granules to large pebbles with clay and fine to very coarse sand; very poorly sorted; angular to subrounded; dark grayish brown (2.5Y 4/2); <i>calcareous</i>.</p>
	<p>585: Gravel (G); cobbles; moderately to well sorted; angular to rounded; various colors; <i>core 7</i>.</p>		<p>650: Sandy clayey gravel (mG); granules to medium pebbles with clay and fine to very coarse sand; very poorly sorted; subangular to subrounded; dark gray (2.5Y 4/1); <i>calcareous</i>.</p>

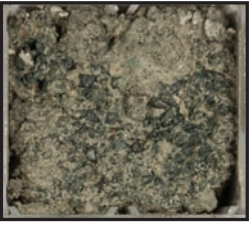
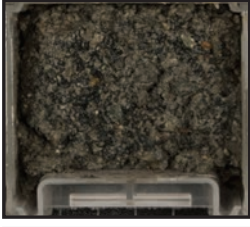
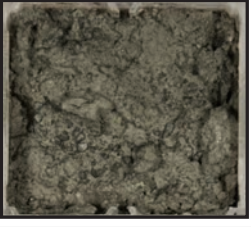
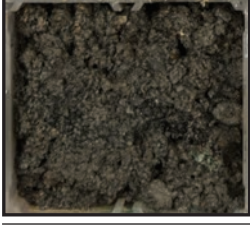
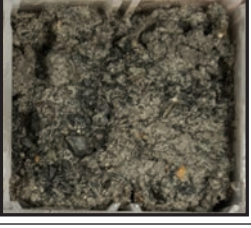
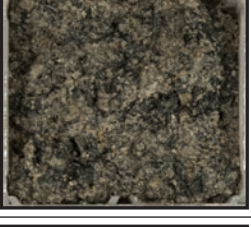
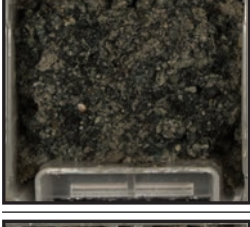

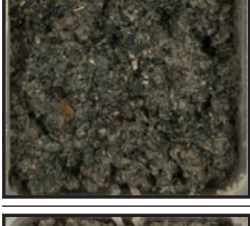

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Depth (feet) and description	Depth (feet) and description		
	<p>660: Sandy clayey gravel (mG); granules to medium pebbles with clay and very fine to very coarse sand; very poorly sorted; subangular to rounded; very dark gray (5Y 3/1); <i>calcareous</i>.</p>		<p>710: Clayey sandy gravel (msG); granules to medium pebbles with very fine to very coarse sand and clay; very poorly sorted; angular to rounded; olive (5Y 5/3); <i>calcareous</i>.</p>
	<p>665: Gravelly clay (gM); clay with granules to large pebbles; very poorly sorted; very dark gray (5Y 3/1); <i>calcareous</i>.</p>		<p>720: Gravelly clayey sand (gmS); very fine to very coarse sand with clay and granules to medium pebbles; very poorly sorted; subangular to subrounded; light olive gray (5Y 6/2); <i>calcareous</i>.</p>
	<p>667.5: Silty clay (M); clay with silt and minor very fine to medium sand; moderately to very well sorted; dark greenish gray (10Y 4/1); <i>minor mica; core 9</i>.</p>		<p>730: Gravelly clayey sand (gmS); very fine to very coarse sand with clay and granules to medium pebbles; very poorly sorted; angular to subrounded; light olive gray (5Y 6/2); <i>calcareous</i>.</p>
	<p>675: Silty clayey sand (mS); very fine to medium sand and clay with silt and trace granules; moderately sorted; subangular to subrounded; greenish black (10Y 2.5/1); <i>biotite rich with minor chlorite; core 10</i>.</p>		<p>740: Clayey silt (M); silt and clay with minor very fine to medium sand and trace granules to large pebbles; moderately to very well sorted; greenish gray (5GY 6/1); <i>calcareous; minor dark greenish gray (10GY 4/1); waxy clay</i>.</p>
	<p>680: Sandy silt (sZ); silt with very fine to fine sand; moderately to well sorted; greenish gray (10Y 5/1); <i>calcareous; minor mica; core 11</i>.</p>		<p>750: Sandy clayey silt (sM); silt with clay and very fine to coarse sand; poorly to moderately sorted; greenish gray (10Y 5/1); <i>calcareous</i>.</p>
	<p>690: Sandy silt (sZ); silt with very fine to medium sand and trace granules to large pebbles; moderately to well sorted; greenish gray (10Y 5/1); <i>calcareous</i>.</p>		<p>760: Sandy clayey silt (sM); silt and clay with very fine to coarse sand and trace granules to medium pebbles; poorly to moderately sorted; greenish gray (5GY 6/1); <i>calcareous</i>.</p>
	<p>700: Sandy silt (sZ); silt with very fine to very coarse sand and trace granules to small pebbles; poorly to moderately sorted; greenish gray (10Y 6/1); <i>calcareous</i>.</p>		<p>770: Sandy clay (sC); clay with very fine to very coarse sand and trace granules to large pebbles; very poorly sorted; greenish gray (5GY 6/1); <i>calcareous</i>.</p>

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Depth (feet) and description	Depth (feet) and description		
	<p>780: Clayey sand (cS); very fine to very coarse sand with clay; very poorly sorted; angular to subrounded; greenish gray (10Y 6/1); <i>calcareous</i>.</p>		<p>840: Sandy silty clay (sM); clay with silt and very fine to medium sand with trace granules; poorly to moderately sorted; olive (5Y 5/4); <i>angular mafic gravel</i>.</p>
	<p>790: Clayey silty sand (mS); very fine to very coarse sand with silt and clay; very poorly sorted; subangular to subrounded; greenish gray (10Y 6/1); <i>slightly calcareous</i>.</p>		<p>850: Slightly gravelly sandy clayey silt ((g)sM); silt and clay with very fine to very coarse sand and granules to small pebbles; very poorly to poorly sorted; light yellowish brown (2.5Y 6/3); <i>angular mafic gravel</i>.</p>
	<p>800: Clayey silty sand (mS); very fine to very coarse sand with silt and clay; very poorly sorted; subangular to rounded; greenish gray (10Y 6/1); <i>calcareous</i>.</p>		<p>860: Slightly gravelly sandy clayey silt ((g)sM); silt and clay with very fine to very coarse sand and granules; very poorly sorted; light olive gray (5Y 6/2); <i>angular mafic gravel</i>.</p>
	<p>805: Silty sand (zS); very fine to very coarse sand with silt; poorly sorted; subangular to subrounded; olive gray (5Y 5/2); <i>core 12</i>.</p>		<p>870: Slightly gravelly sandy clayey silt ((g)sM); silt and clay with very fine to very coarse sand and granules to small pebbles; very poorly sorted; light olive gray (5Y 6/2).</p>
	<p>810: Silty sand (zS); very fine to medium sand with silt; moderately sorted; subangular to subrounded; light olive gray (5Y 6/2); <i>core 13</i>.</p>		<p>880: Clayey sandy gravel (msG); granules to large pebbles with very fine to very coarse sand and clay with minor silt; very poorly sorted; very angular to subrounded; olive gray (5Y 5/2); <i>low-grade metavolcanic</i>.</p>
	<p>820: Sandy clay (sC); clay with very fine to medium sand; moderately sorted; pale olive (5Y 6/3); <i>calcareous</i>.</p>		<p>885: Low-grade metavolcanic (N/ 2.5); <i>core 14</i>.</p>
	<p>830: Sandy clay (sC); clay with very fine to very coarse sand and trace granules; very poorly sorted; olive (5Y 5/3); <i>calcareous; angular mafic gravel</i>.</p>		<p>890: Low-grade metavolcanic (N/ 2.5); <i>core 15</i>.</p>

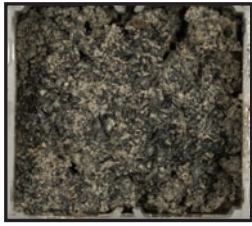
**Figure 17E.** Lithologic descriptions and photographs of **shaker** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 2003–2017: (A) SDCD; (B) SDSY; (C) SDLH; (D) SDAQ; (E) SDCP; (F) SDBP; (G) SDHF; (H) SDEP; (I) SDNB; (J) SDSW;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

Depth (feet) and description	Depth (feet) and description		
	<p>900: Sandy gravel (sG); granules to large pebbles with very fine to very coarse sand; very poorly sorted; very angular; greenish black (10Y 2.5/1); <i>low-grade metavolcanic</i>.</p>		<p>970: Clayey sandy gravel (msG); granules to medium pebbles with very fine to very coarse sand and clay; very poorly sorted; very angular to subrounded; greenish gray (5GY 5/1); <i>calcareous</i>; <i>low-grade metavolcanic</i>.</p>
	<p>910: Clayey sandy gravel (msG); granules to small pebbles with very fine to very coarse sand and clay; very poorly sorted; very angular; dark greenish gray (10Y 4/1); <i>calcareous</i>; <i>low-grade metavolcanic</i>.</p>		<p>980: Sandy clayey gravel (mG); granules to medium pebbles with clay and very fine to very coarse sand; very poorly sorted; very angular to subrounded; dark greenish gray (5GY 4/1); <i>calcareous</i>; <i>low-grade metavolcanic</i>.</p>
	<p>920: Clayey sandy gravel (msG); granules to small pebbles with very fine to very coarse sand, and clay; very poorly sorted; very angular; dark greenish gray (10Y4/1); <i>slightly calcareous</i>; <i>low-grade metavolcanic</i>.</p>		<p>990: Sandy clayey gravel (mG); granules to small pebbles with clay and very fine to very coarse sand; very poorly sorted; angular to subrounded; dark greenish gray (5GY 4/1); <i>calcareous</i>; <i>low-grade metavolcanic</i>.</p>
	<p>930: Sandy clayey gravel (mG); granules to medium pebbles with clay and very fine to very coarse sand; very poorly sorted; very angular to subangular; greenish gray (5GY 5/1); <i>calcareous</i>; <i>low-grade metavolcanic</i>.</p>		<p>1,000: Sandy gravel (sG); granules to small pebbles with very fine to very coarse sand and minor clay; poorly sorted; angular to subrounded; dark greenish gray (10Y 4/1); <i>calcareous</i>; <i>low-grade metavolcanic</i>.</p>
	<p>940: Sandy clayey gravel (mG); granules to medium pebbles with clay and very fine to very coarse sand with minor silt; very poorly sorted; very angular; dark greenish gray (10Y 4/1); <i>slightly calcareous</i>; <i>low-grade metavolcanic</i>.</p>		<p>1,010: Sandy gravel (sG); granules to small pebbles with very fine to very coarse sand and minor clay; poorly sorted; angular to subrounded; dark greenish gray (10Y 4/1); <i>calcareous</i>; <i>low-grade metavolcanic</i>.</p>
	<p>950: Sandy clayey gravel (mG); granules to medium pebbles with clay and very fine to very coarse sand; very poorly sorted; very angular; greenish gray (10Y 5/1); <i>calcareous</i>; <i>low-grade metavolcanic</i>.</p>		<p>1,020: Sandy gravel (sG); granules to medium pebbles with very fine to very coarse sand and minor clay; poorly sorted; very angular to subangular; dark greenish gray (5GY 4/1); <i>calcareous</i>; <i>low-grade metavolcanic</i>.</p>
	<p>960: Clayey sandy gravel (msG); granules to medium pebbles with very fine to very coarse sand, and clay; very poorly sorted; very angular to subangular; greenish gray (10Y 5/1); <i>calcareous</i>; <i>low-grade metavolcanic</i>.</p>		<p>1,030: Sandy gravel (sG); granules to medium pebbles with very fine to very coarse sand; poorly sorted; very angular to subangular; dark greenish gray (5GY 4/1); <i>calcareous</i>; <i>low-grade metavolcanic</i>.</p>

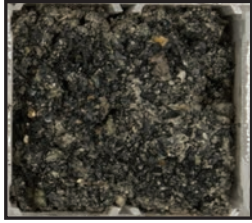
**Figure 17E.** Lithologic descriptions and photographs of **shaker** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 2003–2017: (A) SDCD; (B) SDSY; (C) SDLH; (D) SDAQ; (E) SDCP; (F) SDBP; (G) SDHF; (H) SDEP; (I) SDNB; (J) SDSW;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



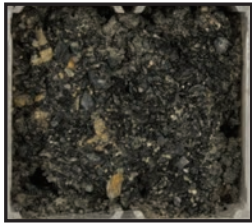
Depth (feet) and description



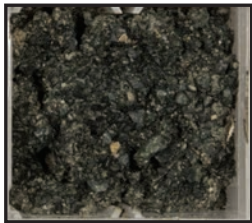
1,040: Sandy gravel (sG); granules to medium pebbles with very fine to very coarse sand and minor clay; poorly sorted; very angular; dark greenish gray (10Y 4/1); *calcareous; low-grade metavolcanic.*



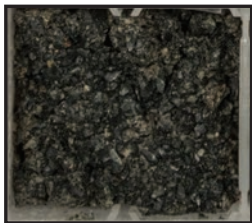
1,050: Sandy gravel (sG); granules to small pebbles with very fine to very coarse sand and minor clay with silt; poorly sorted; very angular; dark greenish gray (10Y 4/1); *calcareous; low-grade metavolcanic.*



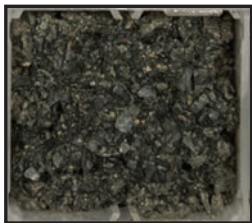
1,060: Sandy gravel (sG); granules to small pebbles with very fine to very coarse sand and minor clay; poorly sorted; very angular; greenish black (10G 2.5/1); *calcareous; low-grade metavolcanic.*



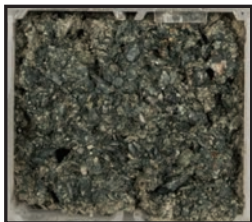
1,070: Clayey sandy gravel (msG); granules to medium pebbles with very fine to very coarse sand and clay; very poorly sorted; very angular; greenish black (5GY 2.5/1); *calcareous; low-grade metavolcanic.*



1,080: Sandy gravel (sG); granules to small pebbles with very fine to very coarse sand; poorly sorted; very angular; dark greenish gray (5GY 4/1); *calcareous; low-grade metavolcanic.*



1,090: Sandy gravel (sG); granules to medium pebbles with fine to very coarse sand; poorly sorted; very angular; dark greenish gray (10Y 4/1); *calcareous; low-grade metavolcanic.*



1,100: Sandy gravel (sG); granules to medium pebbles with medium to very coarse sand; poorly to moderately sorted; very angular; dark greenish gray (5GY 4/1); *calcareous; low-grade metavolcanic.*

**Figure 17E.** 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.