

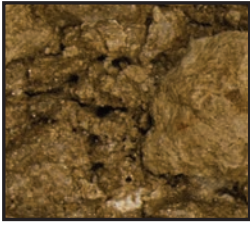
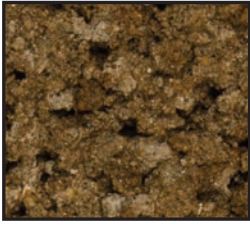
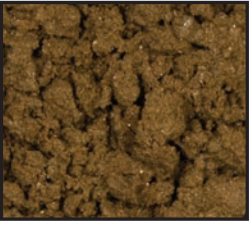
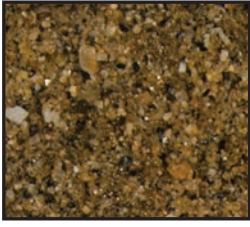
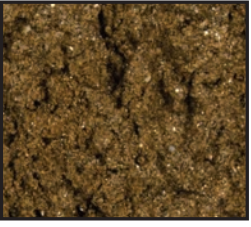
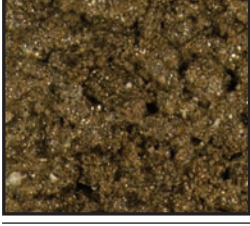
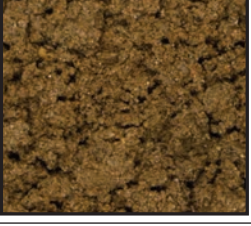




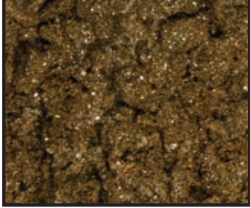

Depth (feet) and description	Depth (feet) and description	Depth (feet) and description	Depth (feet) and description
	<p>4: Silt (Z); silt with minor clay; well sorted; brown (10YR 4/3); <i>micaceous</i>; <i>core 1</i>.</p>		<p>24: Clay (C); clay with minor very fine to fine sand; well sorted; dark grayish brown (2.5Y 4/2); <i>core 8</i>.</p>
	<p>6.5: Sandy silt (sZ); silt with very fine to medium sand; moderately sorted; brown (10YR 4/3); <i>micaceous</i>; <i>core 2</i>.</p>		<p>29: Silty sand (zS); very fine sand with silt; well sorted; angular to subangular; dark brown (10YR 3/3); <i>micaceous</i>; <i>core 9</i>.</p>
	<p>9: Sand (S); medium to very coarse sand with trace silt; moderately sorted; subangular to subrounded; brown (10YR 4/3); <i>trace mica</i>; <i>core 3</i>.</p>		<p>34: Sand (S); very fine to fine sand with minor silt; well sorted; subangular to subrounded; dark brown (10YR 3/3); <i>micaceous</i>; <i>core 10</i>.</p>
	<p>11.5: Sand (S); very fine to fine sand with minor silt, and trace medium sand; well sorted; subangular to subrounded; dark grayish brown (10YR 4/2); <i>micaceous</i>; <i>core 4</i>.</p>		<p>39: Silty sand (zS); very fine to fine sand with silt, minor clay, and trace very coarse sand; moderately sorted; subangular to subrounded; dark brown (10YR 3/3); <i>micaceous</i>; <i>core 11</i>.</p>
	<p>14: Sand (S); fine to very coarse sand; moderately sorted; angular to subrounded; dark grayish brown (2.5Y 4/2); <i>micaceous</i>; <i>core 5</i>.</p>		<p>43.5: No shaker sample collected; <i>core 12, no recovery</i>.</p>
	<p>19: Silty sand (zS); very fine to coarse sand with silt; poorly sorted; angular to subrounded; dark grayish brown (2.5Y 4/2); <i>trace mica</i>; <i>core 6, minimal recovery</i>.</p>		<p>48.5: Silty clayey sand (mS); fine to medium sand with clay, silt, and trace very coarse sand; moderately sorted; subangular to subrounded; brown (10YR 4/3); <i>trace mica</i>; <i>core 13</i>.</p>
	<p>21.5: Silty sand (zS); very fine to fine sand with silt; moderately sorted; subangular to subrounded; very dark grayish brown (2.5Y 3/2); <i>micaceous</i>; <i>core 7</i>.</p>		<p>53.5: No shaker sample collected; <i>core 14</i>.</p>
			<p>58.5: Sand (S); fine to very coarse sand with trace granules; poorly sorted; angular to subrounded; olive brown (2.5Y 4/3); <i>core 15</i>.</p>

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

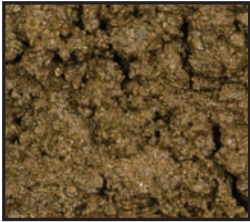


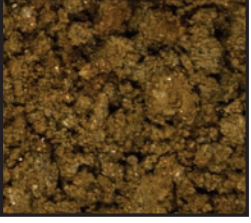

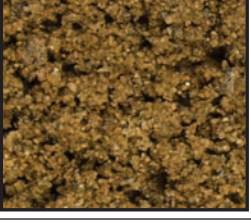
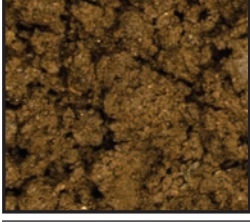



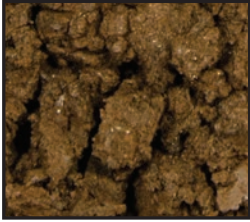
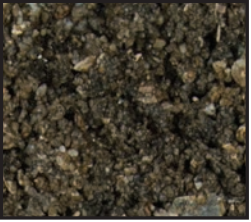

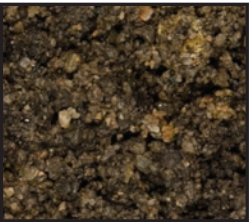
Depth (feet) and description	Depth (feet) and description		
	<p>63.5: Silty sand (zS); very fine to fine sand with silt, minor clay, and trace granules and small pebbles; moderately sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2); <i>micaceous</i>; <i>core 16</i>.</p>		<p>99: No shaker sample collected; <i>core 23</i>.</p>
	<p>68.5: Silty sand (zS); fine to medium sand with silt, and trace granules; moderately sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2); <i>micaceous</i>; <i>core 17</i>.</p>		<p>100: Sandy silt (sZ); silt and very fine sand; well sorted; dark grayish brown (2.5Y 4/2); <i>micaceous</i>; <i>core 24</i>.</p>
	<p>72: Sand (S); very fine to fine sand with minor silt; moderately sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2); <i>micaceous</i>; <i>core 18</i>.</p>		<p>110: Sand (S); medium to coarse sand; well sorted; subangular to subrounded; olive brown (2.5Y 4/3); <i>trace mica</i>.</p>
	<p>77.5: Sandy silt (sZ); silt with very fine to fine sand, trace clay, and very coarse sand; moderately sorted; dark grayish brown (10YR 4/2); <i>micaceous</i>; <i>core 19</i>.</p>		<p>120: Sandy silty clay (sM); clay and silt with very fine sand, and trace granules; moderately sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>
	<p>82.5: No shaker sample collected; <i>core 20</i>.</p>		<p>130: Sand (S); medium to coarse sand with minor silt; well sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2); <i>trace mica</i>; <i>shell fragments (2–10 mm)</i>.</p>
	<p>89: Sandy silt (sZ); silt and very fine sand; well sorted; dark brown (10YR 3/3); <i>micaceous</i>; <i>core 21</i>.</p>		<p>140: Sand (S); medium to very coarse sand with minor silt; moderately sorted; subangular to subrounded; very dark gray (2.5Y 3/1); <i>trace mica</i>; <i>shell fragments (2–20 mm)</i>.</p>
	<p>94: No shaker sample collected; <i>core 22</i>.</p>		<p>150: Silty sand (zS); coarse to very coarse sand with silt; moderately sorted; subangular to subrounded; very dark gray (2.5Y 3/1).</p>

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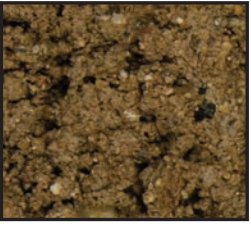

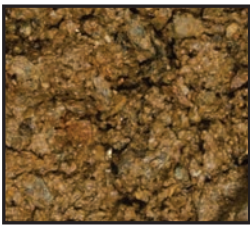


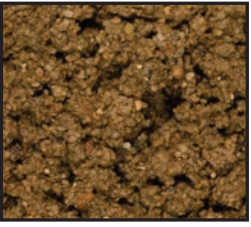


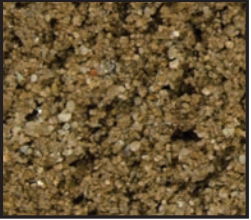
Depth (feet) and description	Depth (feet) and description	Depth (feet) and description	Depth (feet) and description
	<p>160: Sand (S); medium to very coarse sand with minor silt and trace granules; moderately sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).</p>		<p>230: Clayey sand (cS); medium to very coarse sand with clay, minor silt, and trace granules to small pebbles; poorly sorted; subangular to subrounded; dark grayish brown (10YR 4/2); <i>trace mica</i>.</p>
	<p>170: Slightly gravelly sand ((g)S); coarse to very coarse sand with granules to medium pebbles; moderately sorted; subangular to subrounded; brown (10YR 4/3).</p>		<p>240: Clayey sand (cS); very fine to coarse sand with clay and minor silt; poorly sorted; subangular to subrounded; brown (10YR 4/3).</p>
	<p>180: Gravelly sand (gS); medium to very coarse sand with granules to medium pebbles; poorly sorted; subangular to subrounded; dark grayish brown (10YR 4.2).</p>		<p>250: Silty clayey sand (mS); very fine to very coarse sand with clay and silt; poorly sorted; subangular to subrounded; brown (10YR 4/3).</p>
	<p>190: Sandy gravel (sG); granules to medium pebbles with coarse to very coarse sand; poorly sorted; subangular to subrounded; dark grayish brown (10YR 4/2).</p>		<p>260: Silty sand (zS); medium to very coarse sand with silt and minor clay; poorly sorted; subangular to subrounded; brown (10YR 4/3); <i>trace mica</i>.</p>
	<p>200: Clayey sandy gravel (msG); granules to medium pebbles with coarse to very coarse sand, and clay; poorly sorted; subangular to subrounded; brown (10YR 4/3); <i>trace mica</i>.</p>		<p>270: Sand (S); fine to coarse sand with minor silt and clay and trace granules to small pebbles; poorly sorted; subangular to subrounded; brown (10YR 4/3).</p>
	<p>210: Clayey silt (M); silt and clay with minor medium to very coarse sand, and trace granules to medium pebbles; poorly sorted; dark grayish brown (10YR 4/2).</p>		<p>280: Sandy silty clay (sM); clay and silt with fine to very coarse sand; poorly sorted; dark grayish brown (10YR 4/2).</p>
	<p>220: Gravelly clayey silty sand (gmS); fine to very coarse sand with silt, clay, and granules to medium pebbles; poorly sorted; subangular to subrounded; dark grayish brown (10YR 4/2).</p>		<p>290: Sand (S); medium to coarse sand with minor silt; well sorted; angular to subrounded; dark grayish brown (2.5Y 4/2); <i>trace mica</i>.</p>

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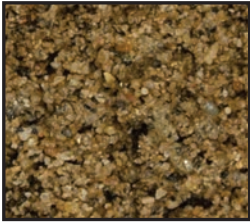

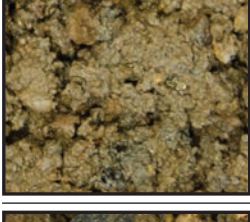
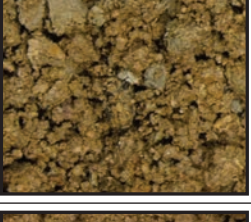
Depth (feet) and description	Depth (feet) and description
	<p>300: Sand (S); coarse to very coarse sand with trace granules; well sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).</p>
	<p>310: Sand (S); coarse to very coarse sand with trace granules; well sorted; subangular to subrounded; olive brown (2.5Y 4/3).</p>
	<p>320: Slightly gravelly sand ((g)S); medium to very coarse sand with granules; moderately sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).</p>
	<p>330: Sand (S); medium to very coarse sand with minor clay; moderately sorted; subangular to subrounded; light olive brown (2.5Y 5/3).</p>
	<p>340: Slightly gravelly clayey sand ((g)mS); medium to very coarse sand with clay and granules to small pebbles; poorly sorted; subangular to subrounded; olive gray (5Y 5/2).</p>
	<p>350: Slightly gravelly clayey sand ((g)mS); medium to very coarse sand with clay and granules to medium pebbles; poorly sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).</p>
	<p>360: Sandy clayey silt (sM); silt and clay with medium to very coarse sand and trace granules; poorly sorted; dark grayish brown (2.5Y 4/2).</p>
	<p>370: Silty sand (zS); very fine to medium sand with silt and trace clay; moderately sorted; angular to subrounded; brown (10YR 4/3); <i>micaceous</i>.</p>
	<p>380: Silty clay (M); clay and silt with minor medium to very coarse sand; poorly sorted; olive brown (2.5Y 4/3); <i>micaceous</i>.</p>
	<p>390: Sand (S); coarse to very coarse sand; well sorted; subangular to subrounded; brown (10YR 4/3).</p>
	<p>400: Slightly gravelly sand ((g)S); coarse to very coarse sand with granules and minor silt; moderately sorted; subangular to subrounded; brown (10YR 4/3).</p>
	<p>410: Sandy silty clay (sM); clay and silt with medium to very coarse sand with trace granules; moderately sorted; dark grayish brown (2.5Y 4/2).</p>
	<p>420: Sandy silty clay (sM); clay and silt with very fine to coarse sand; moderately sorted; dark grayish brown (2.5Y 4/2); <i>trace shell fragments (1–2 mm)</i>.</p>
	<p>430: Sandy clay (sC); clay with fine to coarse sand and trace granules and silt; moderately sorted; brown (10YR 4/3).</p>

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Depth (feet) and description	Depth (feet) and description
	<p>440: Silty sand (zS); medium to very coarse sand with silt and trace granules; moderately sorted; subangular to subrounded; olive brown (2.5Y 4/3).</p>
	<p>450: Silt (Z); silt with minor fine to medium sand, and trace granules; well sorted; dark grayish brown (2.5Y 4/2); <i>micaceous</i>.</p>
	<p>460: Clayey silty sand (mS); medium to very coarse sand with silt and clay; poorly sorted; subangular to subrounded; brown (10YR 4/3); <i>trace mica</i>.</p>
	<p>470: Sandy silty clay (sM); clay with silt and very fine to fine sand; moderately sorted; dark grayish brown (2.5Y 4/2).</p>
	<p>480: Sandy silty clay (sM); clay with silt and very fine to fine sand; moderately sorted; dark grayish brown (2.5Y 4/2).</p>
	<p>490: Silty sand (zS); medium to very coarse sand with silt and trace granules; moderately sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2); <i>trace mica</i>.</p>
	<p>500: Sand (S); coarse to very coarse sand with trace silt and granules; well sorted; subangular to subrounded; olive brown (2.5Y 4/3); <i>trace mica</i>.</p>
	<p>510: Sand (S); medium to very coarse sand with minor silt and trace clay, and granules; moderately sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).</p>
	<p>520: Sandy silty clay (sM); clay and silt with very fine to fine sand; moderately sorted; very dark grayish brown (2.5Y 3/2); <i>micaceous</i>.</p>
	<p>530: Sandy silty clay (sM); clay and silt with fine sand and trace very coarse sand; moderately sorted; brown (10YR 4/3); <i>trace mica</i>.</p>
	<p>540: Sandy clayey silt (sM); silt and clay with fine to very coarse sand; poorly sorted; dark grayish brown (2.5Y 4/2).</p>
	<p>550: Sand (S); medium to very coarse sand; moderately sorted; subangular to rounded; grayish brown (2.5Y 5/2).</p>
	<p>560: Sand (S); medium to coarse sand; well sorted; subangular to subrounded; olive brown (2.5Y 4/3).</p>
	<p>570: Silty sand (zS); fine to very coarse sand with silt and trace clay; poorly sorted; subangular to subrounded; brown (10YR 4/3).</p>

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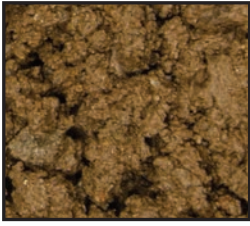
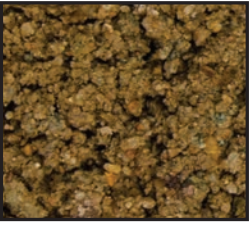
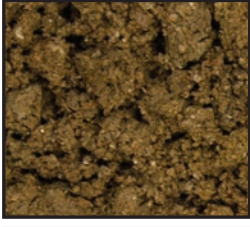

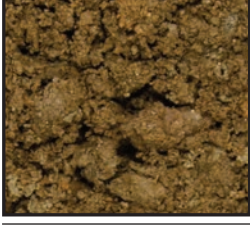
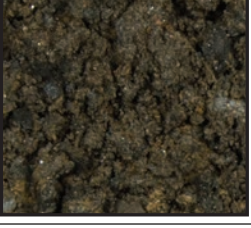


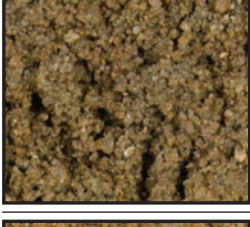
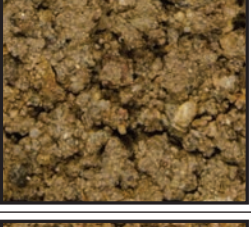


Depth (feet) and description	Depth (feet) and description		
	<p>580: Sandy silt (sZ); silt with fine to coarse sand; moderately sorted; brown (10YR 4/3).</p>		<p>650: Silty sandy gravel (msG); granules to small pebbles with medium to very coarse sand, silt, and trace clay; poorly sorted; subangular to subrounded; olive brown (2.5Y 4/3).</p>
	<p>590: Sandy silt (sZ); silt with fine to coarse sand; moderately sorted; dark grayish brown (2.5Y 4/2).</p>		<p>660: Gravelly silty sand (gmS); medium to very coarse sand with silt, and granules to small pebbles; poorly sorted; subangular to subrounded; dark olive gray (5Y 3/2).</p>
	<p>600: Sandy silt (sZ); silt with very fine to medium sand, and trace granules; moderately sorted; dark grayish brown (2.5Y 4/2).</p>		<p>670: Slightly gravelly sandy silt ((g)sM); silt and medium to very coarse sand, and granules to small pebbles; poorly sorted; very dark gray (5Y 3/1).</p>
	<p>610: Sand (S); coarse sand with minor very coarse sand; well sorted; angular to subrounded; dark grayish brown (2.5Y 4/2).</p>		<p>680: Silty sand (zS); medium to coarse sand with silt and trace clay; moderately sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2); <i>micaceous</i>.</p>
	<p>620: Silty sand (zS); medium to very coarse sand with silt, trace clay, and granules; moderately sorted; subangular to subrounded; olive brown (2.5Y 4/3).</p>		<p>690: Silty sand (zS); medium to very coarse sand with silt, and trace granules and clay; moderately sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).</p>
	<p>630: Slightly gravelly sand ((g)S); medium to very coarse sand with granules and minor silt; poorly sorted; subangular to subrounded; grayish brown (2.5Y 5/2).</p>		<p>700: Sand (S); medium to coarse sand with trace very coarse sand; well sorted; subangular to subrounded; olive brown (2.5Y 4/3).</p>
	<p>640: Sandy gravel (sG); granules to small pebbles with medium to very coarse sand and minor silt; poorly sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).</p>		<p>710: Sand (S); coarse sand with trace granules to medium pebbles; well sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2); <i>trace mica</i>.</p>

Figure 17L. 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>720: Silty sand (zS); medium to coarse sand with silt and trace clay; moderately sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).</p>		<p>790: Silty clayey sand (mS); fine to coarse sand with clay and silt; poorly sorted; subangular to subrounded; very dark grayish brown (2.5Y 3/2); <i>micaceous</i>.</p>
	<p>730: Sand (S); medium to coarse sand with trace very coarse sand; well sorted; subangular to rounded; dark grayish brown (2.5Y 4/2).</p>		<p>800: Clayey silty sand (mS); very fine to medium sand with silt, clay, and trace very coarse sand; poorly sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).</p>
	<p>740: Slightly gravelly sand ((g)S); medium to coarse sand with granules; moderately sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).</p>		<p>810: Clayey silty sand (mS); very fine to coarse sand with silt, clay, and trace granules; poorly sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).</p>
	<p>750: Sand (S); medium to very coarse sand with trace granules; moderately sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).</p>		<p>820: Sand (S); medium to coarse sand; well sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).</p>
	<p>760: Sand (S); medium to coarse sand with trace very coarse sand, and silt; well sorted; angular to subrounded; dark grayish brown (2.5Y 4/2).</p>		<p>830: Slightly gravelly sand ((g)S); coarse to very coarse sand with granules; moderately sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2); <i>trace mica</i>; <i>trace shell fragments (1–2 mm)</i>.</p>
	<p>770: Sandy silty clay (sM); clay and silt with fine to coarse sand, and trace granules; poorly sorted; dark grayish brown (2.5Y 4/2).</p>		<p>840: Slightly gravelly sand ((g)S); coarse to very coarse sand with granules and trace silt; moderately sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2); <i>trace mica</i>.</p>
	<p>780: Sandy silty clay (sM); clay and silt with fine to coarse sand, and trace granules; poorly sorted; dark grayish brown (2.5Y 4/2).</p>		<p>850: Silty clayey sand (mS); medium to very coarse sand with clay, silt, and trace granules; poorly sorted; subangular to subrounded; grayish brown (2.5Y 5/2).</p>

Figure 17L. 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.

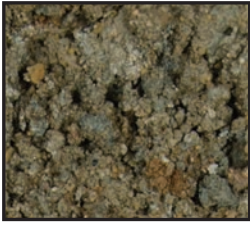

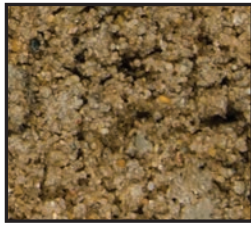

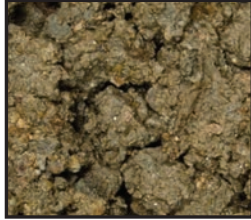
Depth (feet) and description	Depth (feet) and description	Depth (feet) and description	Depth (feet) and description
	<p>860: Silty clayey sand (mS); very fine to coarse sand with clay, silt, and trace granules; poorly sorted; subangular to subrounded; grayish brown (2.5Y 5/2).</p>		<p>930: Sandy silt (sZ); silt and very fine sand with trace granules; well sorted; dark gray (5Y 4/1); <i>trace shell fragments (1–4 mm)</i>.</p>
	<p>870: Silty clayey sand (mS); very fine to coarse sand with clay and silt; poorly sorted; subangular to subrounded; grayish brown (2.5Y 5/2).</p>		<p>940: Sand (S); medium to very coarse sand; moderately sorted; subangular to subrounded; grayish brown (2.5Y 5/2); <i>shell fragments (1–4 mm)</i>.</p>
	<p>880: Sand (S); medium to coarse sand with minor silt and trace granules to medium pebbles; moderately sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).</p>		<p>950: Sand (S); medium to coarse sand; well sorted; subangular to subrounded; olive brown (2.5Y 4/3).</p>
	<p>890: Clayey sand (cS); very fine to medium sand with clay, minor silt, and trace very coarse sand; poorly sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).</p>		<p>960: Sand (S); coarse to very coarse sand; well sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).</p>
	<p>900: Sand (S); coarse to very coarse sand; well sorted; angular to subrounded; dark grayish brown (2.5Y 4/2); <i>shell fragments (1–4 mm)</i>.</p>		<p>970: Sand (S); medium to very coarse sand; moderately sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).</p>
	<p>910: Gravelly silty sand (gmS); very fine to very coarse sand with silt, and granules to small pebbles; poorly sorted; subangular to subrounded; dark gray (2.5Y 4/1); <i>shell fragments (1–4 mm)</i>.</p>		<p>980: Sand (S); medium to coarse sand with minor silt; moderately sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).</p>
	<p>920: Sandy silt (sZ); silt with very fine and coarse to very coarse sand, and trace clay; moderately sorted; dark gray (2.5Y 4/1); <i>trace shell fragments (1–4 mm)</i>.</p>		<p>990: Sandy silt (sZ); silt with medium to very coarse sand; moderately sorted; dark gray (5Y 4/1); <i>shell fragments (1–4 mm)</i>.</p>

Figure 17L. 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.

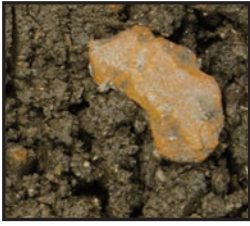



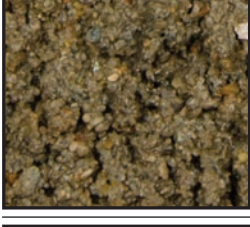


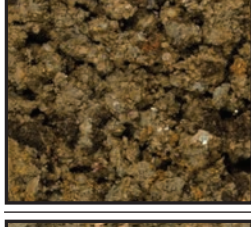
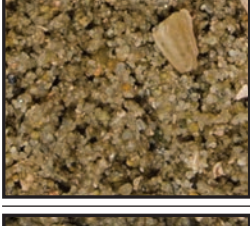


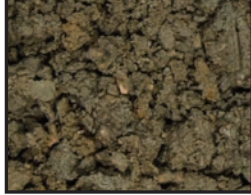
Depth (feet) and description	Depth (feet) and description		
	<p>1,000: Sandy silt (sZ); silt with medium to coarse sand; moderately sorted; dark gray (5Y 4/1); <i>abundant shell fragments (1–8 mm)</i>.</p>		<p>1,070: Sand (S); medium to coarse sand with trace silt and granules; well sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2); <i>shell fragments (1–8 mm)</i>.</p>
	<p>1,010: Silty sand (zS); coarse sand with silt, and trace very coarse sand and granules; moderately sorted; subangular to subrounded; olive gray (5Y 4/2); <i>shell fragments (1–8 mm)</i>.</p>		<p>1,080: Silty clayey sand (mS); medium to very coarse sand with clay and silt; poorly sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2); <i>shell fragments (1–8 mm)</i>.</p>
	<p>1,020: Sand (S); coarse to very coarse sand with trace silt; well sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2); <i>shell fragments (1–4 mm)</i>.</p>		<p>1,090: Sandy silt (sZ); silt with very fine and minor coarse to very coarse sand; moderately sorted; dark gray (5Y 4/1); <i>trace shell fragments (1–4 mm)</i>.</p>
	<p>1,030: Slightly gravelly sand ((g)S); coarse to very coarse sand with minor silt and granules; moderately sorted; subangular to subrounded; olive gray (5Y 4/2); <i>shell fragments (1–8 mm)</i>.</p>		<p>1,100: Sand (S); medium to coarse sand with minor silt; moderately sorted; subangular to subrounded; dark gray (5Y 4/1); <i>trace shell fragments (1–4 mm)</i>.</p>
	<p>1,040: Sand (S); coarse to very coarse sand; well sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2); <i>abundant shell fragments (1–8 mm)</i>.</p>		<p>1,110: Clayey silt (M); silt with clay and minor medium to coarse sand, and trace granules to small pebbles; moderately sorted; dark grayish brown (2.5Y 4/2).</p>
	<p>1,050: Sand (S); coarse to very coarse sand with trace granules; well sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2); <i>abundant shell fragments (1–8 mm)</i>.</p>		<p>1,120: Sandy silty clay (sM); clay with silt and coarse sand; moderately sorted; dark grayish brown (2.5Y 4/2).</p>
	<p>1,060: Slightly gravelly silty sand ((g)mS); medium to very coarse sand with silt, and granules to small pebbles; poorly sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2); <i>abundant shell fragments (1–8 mm)</i>.</p>		<p>1,130: Clayey silt (M); silt and clay with trace coarse sand; well sorted; dark gray (5Y 4/1); <i>trace mica</i>.</p>

Figure 17L. 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.



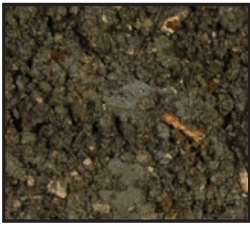

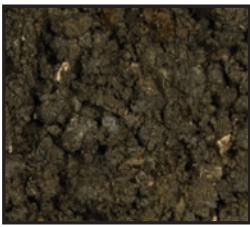


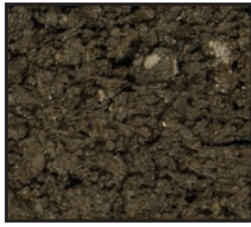






Depth (feet) and description	Depth (feet) and description	Depth (feet) and description	Depth (feet) and description
	<p>1,140: Silty sand (zS); fine to coarse sand with silt and minor clay; moderately sorted; subangular to subrounded; black (5Y 2.5/1); <i>abundant shell fragments (1–8 mm)</i>.</p>		<p>1,210: Silt (Z); silt with trace coarse sand; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>
	<p>1,150: Clayey silt (M); silt with clay and trace coarse sand; well sorted; very dark gray (5Y 3/1); <i>abundant shell fragments (1–8 mm)</i>.</p>		<p>1,220: Silt (Z); silt with trace coarse sand; well sorted; very dark gray (5Y 3/1); <i>micaceous; trace shell fragments (1–4 mm)</i>.</p>
	<p>1,160: Silt (Z); silt with minor clay; well sorted; very dark gray (5Y 3/1); <i>shell fragments (1–4 mm)</i>.</p>		<p>1,230: Silt (Z); silt; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>
	<p>1,170: Silt (Z); silt with minor clay; well sorted; very dark gray (5Y 3/1); <i>trace shell fragments (1–4 mm)</i>.</p>		<p>1,240: Silt (Z); silt; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>
	<p>1,180: Silt (Z); silt with trace coarse sand; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>		<p>1,250: Silt (Z); silt; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>
	<p>1,190: Silt (Z); silt with trace coarse sand; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>		<p>1,260: Silt (Z); silt; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>
	<p>1,200: Silt (Z); silt with trace coarse sand; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>		<p>1,270: Silt (Z); silt; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>

Figure 17L. 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>1,280: Silt (Z); silt; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>		<p>1,345: Silty sand (zS); very fine sand with silt; well sorted; dark gray (5Y 4/1); <i>micaceous</i>; <i>core 26</i>.</p>
	<p>1,290: Silt (Z); silt; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>		<p>1,350: Silty clayey sand (mS); medium to coarse sand with clay and silt; moderately sorted; subangular to subrounded; dark gray (5Y 4/1).</p>
	<p>1,300: Silt (Z); silt; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>		<p>1,360: Sand (S); coarse to very coarse sand; well sorted; subangular to subrounded; dark gray (2.5Y 4/1); <i>may not be representative</i>.</p>
	<p>1,310: Silt (Z); silt; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>		<p>1,370: Sand (S); coarse to very coarse sand; well sorted; subangular to subrounded; dark gray (2.5Y 4/1); <i>may not be representative</i>.</p>
	<p>1,320: Silt (Z); silt; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>		<p>1,380: Silty sand (zS); medium to very coarse sand with silt; moderately sorted; subangular to subrounded; dark gray (2.5Y 4/1); <i>trace shell fragments (1–2 mm)</i>; <i>may not be representative</i>.</p>
	<p>1,330: Silt (Z); silt; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>		<p>1,390: Sandy silty clay (sM); clay and silt with coarse sand; moderately sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>
	<p>1,340: Clayey silt (M); silt with clay and trace coarse sand; well sorted; very dark gray (5Y 3/1); <i>trace mica</i>.</p>		<p>1,400: Silty clay (M); clay and silt with minor very coarse sand, and trace granules; moderately sorted; very dark gray (2.5Y 3/1).</p>

Figure 17L. 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.

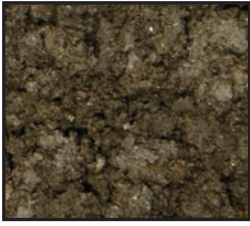
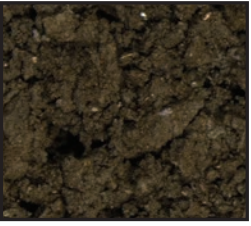
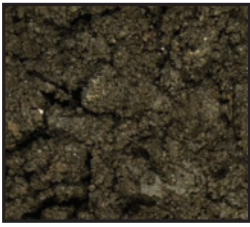
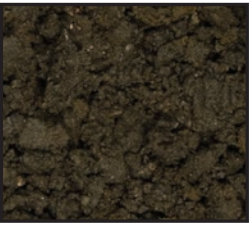

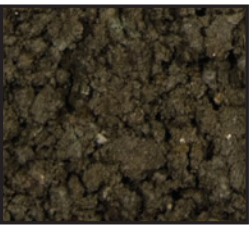
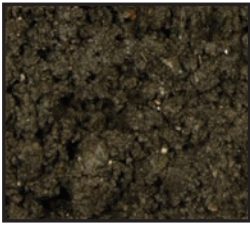

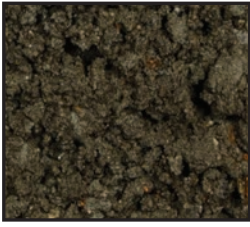
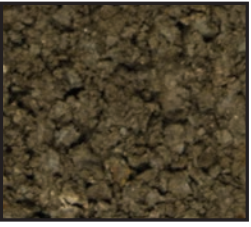
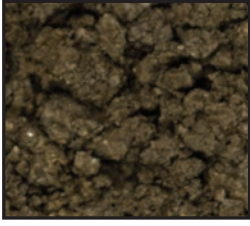

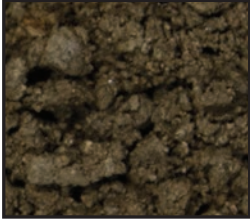
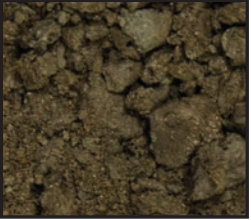
Depth (feet) and description	Depth (feet) and description	Depth (feet) and description	Depth (feet) and description
	<p>1,410: Silty clay (M); clay and silt with minor medium to very coarse sand, and trace granules; poorly sorted; very dark gray (2.5Y 3/1).</p>		<p>1,480: Silt (Z); silt with minor clay and coarse sand; moderately sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>
	<p>1,420: Silty clayey sand (mS); medium to coarse sand with clay and silt; moderately sorted; subangular to subrounded; very dark gray (2.5Y 3/1).</p>		<p>1,490: Silt (Z); silt with trace clay and coarse sand; well sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>
	<p>1,430: Silty clayey sand (mS); medium to coarse sand with clay and silt; moderately sorted; subangular to subrounded; very dark gray (2.5Y 3/1).</p>		<p>1,500: Silt (Z); silt with trace clay and coarse sand; well sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>
	<p>1,440: Sandy clayey silt (sM); silt and clay with medium to coarse sand; moderately sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>		<p>1,510: Silt (Z); silt with trace clay and coarse sand; well sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>
	<p>1,450: Sandy clayey silt (sM); silt and clay with fine sand and trace coarse sand; moderately sorted; dark gray (2.5Y 4/1); <i>trace mica</i>.</p>		<p>1,520: Silt (Z); silt with trace clay and coarse sand; well sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>
	<p>1,460: Sandy clayey silt (sM); silt and clay with fine sand; moderately sorted; dark gray (2.5Y 4/1); <i>trace mica</i>.</p>		<p>1,530: Silt (Z); silt with trace clay, very coarse sand and granules; well sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>
	<p>1,470: Sandy clayey silt (sM); silt and clay with fine to medium sand; moderately sorted; dark gray (2.5Y 4/1); <i>trace mica</i>.</p>		<p>1,540: Silt (Z); silt with trace clay and medium sand; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>

Figure 17L. 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.


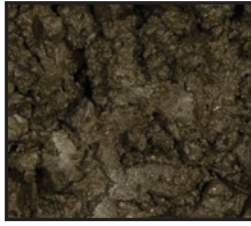
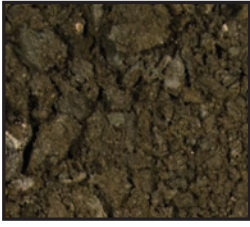
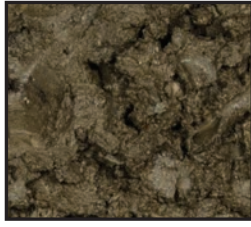

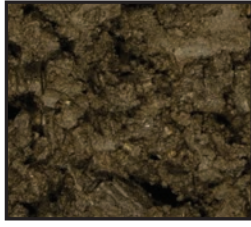



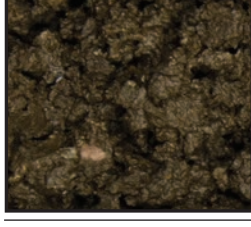



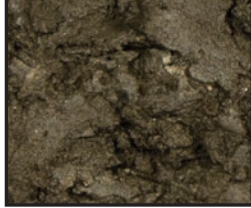
Depth (feet) and description	Depth (feet) and description
 <p>1,550: Silt (Z); silt with minor medium sand, and trace clay and granules; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>	 <p>1,620: Silt (Z); silt with minor clay; well sorted; very dark gray (5Y 3/1); <i>trace mica</i>.</p>
 <p>1,560: Sandy silt (sZ); silt with very fine sand, and trace medium sand and granules; well sorted; very dark gray (5Y 3/1); <i>trace mica</i>.</p>	 <p>1,630: Silt (Z); silt with trace clay; well sorted; very dark gray (5Y 3/1); <i>trace mica</i>.</p>
 <p>1,570: Silt (Z); silt; well sorted; very dark gray (5Y 3/1); <i>trace mica</i>.</p>	 <p>1,640: Silt (Z); silt with minor very fine sand and trace clay; well sorted; very dark gray (5Y 3/1); <i>trace mica</i>.</p>
 <p>1,580: Sandy silt (sZ); silt with very fine sand and trace medium sand; well sorted; very dark gray (5Y 3/1); <i>trace mica</i>.</p>	 <p>1,650: Silt (Z); silt with trace clay; well sorted; very dark gray (5Y 3/1); <i>trace mica</i>.</p>
 <p>1,590: Sandy silt (sZ); silt with very fine sand, and trace clay and medium sand; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>	 <p>1,660: Silt (Z); silt with trace clay; well sorted; very dark gray (5Y 3/1); <i>trace mica</i>.</p>
 <p>1,600: Silt (Z); silt with trace granules; well sorted; very dark gray (5Y 3/1); <i>trace mica</i>.</p>	 <p>1,670: Silt (Z); silt with trace clay; well sorted; very dark gray (5Y 3/1); <i>trace mica</i>.</p>
 <p>1,610: Silt (Z); silt; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>	 <p>1,680: Silt (Z); silt with trace clay and medium sand; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>

Figure 17L. 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.


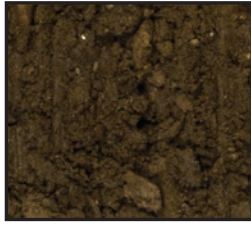
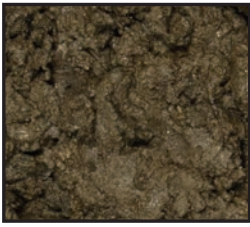

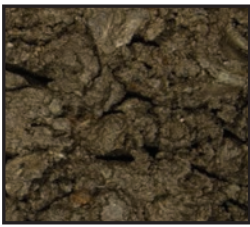
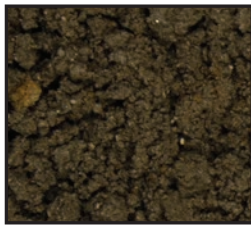
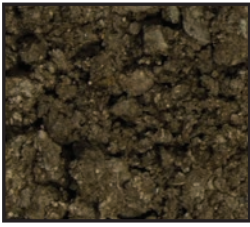
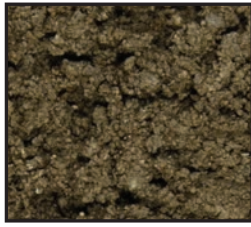

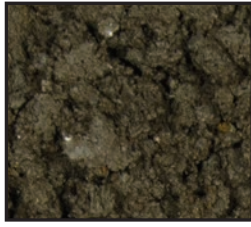
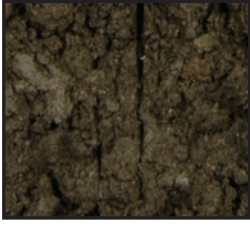


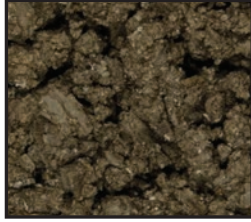
Depth (feet) and description	Depth (feet) and description	Depth (feet) and description	Depth (feet) and description
	<p>1,690: Silt (Z); silt with minor medium to coarse sand, and trace clay; moderately sorted; very dark gray (5Y 3/1); <i>micaceous</i>; <i>trace shell fragments (1-2 mm)</i>.</p>		<p>1,760: Silty clay (M); clay with silt; well sorted; very dark grayish brown (2.5Y 3/2); <i>micaceous</i>.</p>
	<p>1,700: Silt (Z); silt with trace coarse sand and clay; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>		<p>1,770: Sandy silt (sZ); silt with very fine to fine sand; moderately sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>
	<p>1,710: Silt (Z); silt with trace clay; well sorted; very dark gray (5Y 3/1); <i>micaceous</i>.</p>		<p>1,780: Silty sand (zS); very fine to coarse sand with silt; poorly sorted; subangular to subrounded; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>
	<p>1,720: Silt (Z); silt with trace clay; well sorted; very dark gray (5Y 3/1); <i>trace mica</i>.</p>		<p>1,790: Silty sand (zS); very fine to coarse sand with silt, minor clay, and trace granules; poorly sorted; subangular to subrounded; dark gray (2.5Y 4/1); <i>trace mica</i>.</p>
	<p>1,730: Silt (Z); silt with trace clay; well sorted; very dark gray (5Y 3/1); <i>trace mica</i>.</p>		<p>1,800: Silt (Z); silt with minor very fine to medium sand, and trace granules; moderately sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>
	<p>1,740: Silt (Z); silt with trace clay; well sorted; very dark gray (5Y 3/1); <i>trace mica</i>.</p>		<p>1,810: Silt (Z); silt with trace coarse sand; well sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>
	<p>1,750: Silt (Z); silt with minor very fine sand and trace clay; well sorted; very dark gray (5Y 3/1); <i>trace mica</i>.</p>		<p>1,820: Silt (Z); silt with trace coarse sand and clay; well sorted; very dark gray (2.5Y 3/1); <i>micaceous</i>.</p>

Figure 17L. 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.



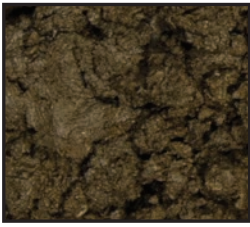

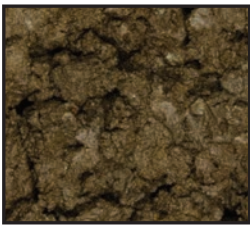
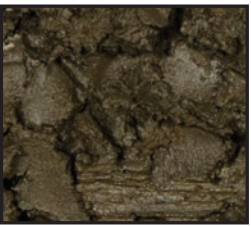
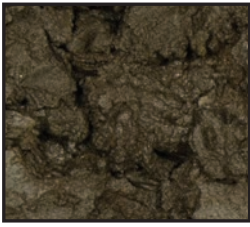
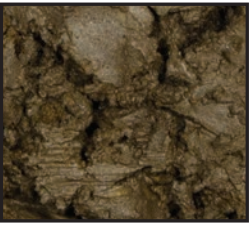




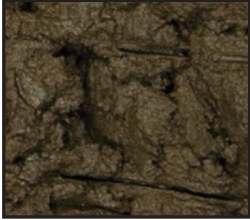

Depth (feet) and description	Depth (feet) and description	Depth (feet) and description	Depth (feet) and description
	<p>1,830: Silt (Z); silt with trace coarse sand; well sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>		<p>1,900: Silt (Z); silt with minor clay; well sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>
	<p>1,840: Silt (Z); silt with minor clay; well sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>		<p>1,910: Silt (Z); silt with minor clay; well sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>
	<p>1,850: Silt (Z); silt with minor clay; well sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>		<p>1,920: Silty clay (M); clay and silt; well sorted; dark gray (2.5Y 4/1); <i>trace mica</i>.</p>
	<p>1,860: Silty clay (M); clay and silt; well sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>		<p>1,930: Silty clay (M); clay and silt; well sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>
	<p>1,870: Silt (Z); silt and minor clay with trace very fine sand; well sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>		<p>1,940: Silty clay (M); clay and silt; well sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>
	<p>1,880: Silty clay (M); clay and silt with trace fine sand; well sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>		<p>1,950: Clayey silt (M); silt and clay; well sorted; very dark gray (2.5Y 3/1).</p>
	<p>1,890: Silty clay (M); clay and silt with trace fine sand; well sorted; very dark gray (2.5Y 3/1); <i>trace mica</i>.</p>		<p>1,960: Clayey silt (M); silt and clay; well sorted; very dark gray (2.5Y 3/1).</p>

Figure 17L. 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.


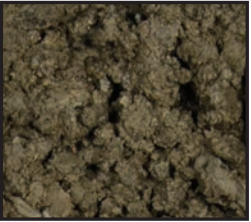
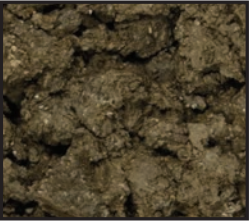



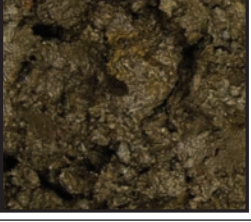

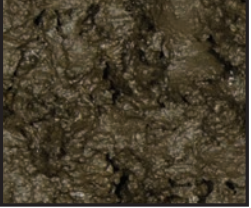
Depth (feet) and description	Depth (feet) and description		
	1,970: Silty clay (M); clay with silt; well sorted; very dark gray (2.5Y 3/1).		2,040: Silty clay (M); clay with silt; well sorted; very dark gray (5Y 3/1); trace mica.
	1,980: Silty clay (M); clay with silt; well sorted; very dark gray (2.5Y 3/1).		2,050: Clayey silt (M); silt with clay; well sorted; very dark gray (5Y 3/1).
	1,990: Silty clay (M); clay with silt and trace very fine sand; well sorted; very dark gray (2.5Y 3/1).		2,060: Clayey silt (M); silt and clay with minor fine to medium sand; moderately sorted; very dark gray (5Y 3/1).
	2,000: Silty clay (M); clay with silt; well sorted; very dark gray (2.5Y 3/1).		2,070: Clayey silt (M); silt and clay, with minor very fine to medium sand; moderately sorted; very dark gray (5Y 3/1).
	2,010: Silty clay (M); clay with silt; well sorted; dark olive gray (5Y 3/2).		2,080: Sandy clayey silt (sM); silt and clay with very fine to fine sand; moderately sorted; very dark gray (5Y 3/1); trace mica.
	2,020: Silty clay (M); clay with silt; well sorted; very dark gray (5Y 3/1).		2,090: Clayey silt (M); silt and clay with trace coarse to very coarse sand, and granules; well sorted; very dark gray (5Y 3/1); trace mica.
	2,030: Silty clay (M); clay with silt; well sorted; dark olive gray (5Y 3/2).		2,100: Sandy silty clay (sM); clay and silt with medium to coarse sand; moderately sorted; very dark gray (5Y 3/1).

Figure 17L. 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>2,110: Sandy silty clay (sM); clay and silt with fine to coarse sand; poorly sorted; very dark gray (5Y 3/1).</p>		<p>2,180: Sand (S); medium to very coarse sand with minor silt; moderately sorted; subangular to subrounded; dark gray (5Y 4/1).</p>
	<p>2,120: Sandy silty clay (sM); clay and silt with fine to medium sand; moderately sorted; very dark gray (5Y 3/1).</p>		<p>2,190: Sand (S); coarse to very coarse sand with minor silt; moderately sorted; subangular to subrounded; dark gray (5Y 4/1).</p>
	<p>2,130: Silt (Z); silt with minor medium sand and trace clay; well sorted; very dark gray (5Y 3/1).</p>		<p>2,200: Sand (S); medium to coarse sand with minor silt, and trace very coarse sand; moderately sorted; subangular to subrounded; dark gray (5Y 4/1).</p>
	<p>2,140: Silty sand (zS); medium to coarse sand with silt and minor clay; moderately sorted; subangular to subrounded; very dark gray (5Y 3/1).</p>		<p>2,210: Sand (S); coarse sand with minor silt; well sorted; subangular to subrounded; dark gray (5Y 4/1).</p>
	<p>2,150: Silty sand (zS); medium to coarse sand with silt and trace granules; moderately sorted; subangular to subrounded; dark gray (5Y 4/1).</p>		<p>2,220: Clayey sand (cS); medium to coarse sand with clay; moderately sorted; subangular to subrounded; gray (5Y 5/1).</p>
	<p>2,160: Silty sand (zS); medium to coarse sand with silt; moderately sorted; subangular to subrounded; dark gray (5Y 4/1).</p>		<p>2,230: Silty sand (zS); medium to coarse sand with silt; moderately sorted; subangular to subrounded; dark gray (5Y 4/1).</p>
	<p>2,170: Sand (S); medium to very coarse sand with minor silt; moderately sorted; subangular to subrounded; dark gray (5Y 4/1).</p>		<p>2,240: Sand (S); coarse sand with minor silt; well sorted; subangular to subrounded; dark gray (5Y 4/1).</p>

Figure 17L. 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.

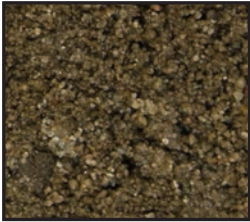
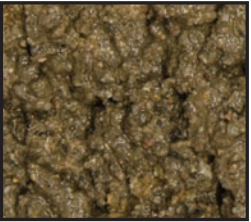
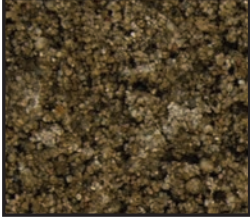

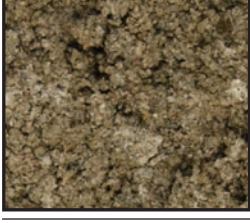


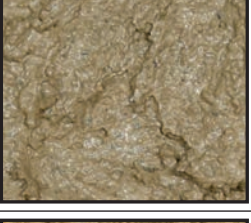
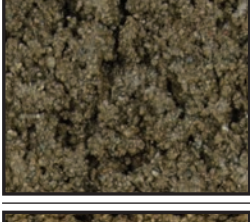


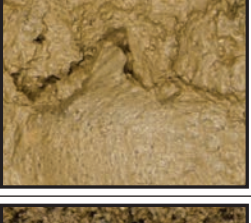


Depth (feet) and description	Depth (feet) and description		
	<p>2,250: Sand (S); coarse sand with trace silt; well sorted; subangular to rounded; very dark gray (5Y 3/1).</p>		<p>2,320: Sand (S); medium to coarse sand with minor clay and trace silt; moderately sorted; subangular to subrounded; olive gray (5Y 4/2)</p>
	<p>2,260: Sand (S); medium to coarse sand with trace granules; well sorted; subangular to subrounded; dark gray (2.5Y 4/1).</p>		<p>2,330: Sand (S); medium to coarse sand with minor clay; moderately sorted; subangular to subrounded; olive gray (5Y 4/2).</p>
	<p>2,270: Sand (S); medium to coarse sand with minor silt and trace granules; moderately sorted; subangular to subrounded; dark gray (2.5Y 4/1).</p>		<p>2,340: Sand (S); medium to coarse sand with minor clay; moderately sorted; subangular to subrounded; olive gray (5Y 4/2).</p>
	<p>2,280: Clayey sand (cS); medium to coarse sand with clay and minor silt; moderately sorted; subangular to subrounded; gray (2.5Y 5/1).</p>		<p>2,350: Clayey sand (cS); medium to coarse sand with clay; moderately sorted; subangular to subrounded; olive gray (5Y 5/2).</p>
	<p>2,290: Sand (S); medium to coarse sand with minor clay and silt; moderately sorted; subangular to subrounded; dark gray (2.5Y 4/1).</p>		<p>2,360: Clayey sand (cS); medium to coarse sand with clay; moderately sorted; subangular to subrounded; olive gray (5Y 5/2).</p>
	<p>2,300: Sand (S); medium to coarse sand with minor clay and silt; moderately sorted; subangular to subrounded; dark gray (2.5Y 4/1)</p>		<p>2,370: Sandy clay (sC); clay with medium to coarse sand; moderately sorted; olive gray (5Y 5/2).</p>
	<p>2,310: Sandy clay (sC); clay with medium to coarse sand; moderately sorted; light olive brown (2.5Y 5/3)</p>		<p>2,380: Sand (S); medium to coarse sand with minor clay and trace silt; moderately sorted; subangular to subrounded; olive brown (2.5Y 4/3).</p>

Figure 17L. 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.

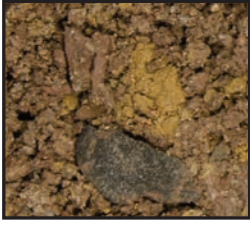
Depth (feet) and description	Depth (feet) and description	Depth (feet) and description	Depth (feet) and description
	2,390: Sand (S); medium to coarse sand with minor clay and trace silt; moderately sorted; subangular to subrounded; olive brown (2.5Y 4/3).		2,460: Sandy silty clay (sM); clay with silt and medium to coarse sand; moderately sorted; grayish brown (10YR 5/2).
	2,400: Clayey sand (cS); medium to coarse sand with clay and trace silt; moderately sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).		2,470: Silty clay (M); clay with silt and minor medium to coarse sand; moderately sorted; grayish brown (2.5Y 5/2).
	2,410: Clayey sand (cS); medium to very coarse sand with clay and minor silt; moderately sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).		2,480: Slightly gravelly silty clayey sand ((g)mS); medium to very coarse sand with clay, silt, and granules to small pebbles; poorly sorted; angular to subrounded; dark grayish brown (2.5Y 4/2).
	2,420: Silty sand (zS); medium to very coarse sand with silt and minor clay; moderately sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).		2,490: Silty clay (M); clay and silt with trace granules; well sorted; grayish brown (2.5Y 5/2).
	2,430: Silty sand (zS); medium to coarse sand with silt and minor clay; moderately sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2).		2,500: Silty clay (M); clay and silt with minor coarse sand; moderately sorted; dark grayish brown (2.5Y 4/2).
	2,440: Sandy silty clay (sM); clay with silt and medium to coarse sand, and trace small to medium pebbles; moderately sorted; grayish brown (10YR 5/2).		2,510: Silty clay (M); clay and silt with trace medium sand; well sorted; dark grayish brown (2.5Y 4/2).
	2,450: Sandy silty clay (sM); clay with silt and medium to coarse sand; moderately sorted; grayish brown (2.5Y 5/2).		2,520: Silty clay (M); clay and silt with trace coarse to very coarse sand; well sorted; grayish brown (2.5Y 5/2).

Figure 17L. 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>2,530: Silty clay (M); clay and silt with minor medium to very coarse sand; moderately sorted; grayish brown (2.5Y 5/2).</p>		<p>2,600: Silty clay (M); clay and silt with minor very fine to fine sand; moderately sorted; grayish brown (2.5Y 5/2).</p>
	<p>2,540: Silty clay (M); clay and silt; well sorted; grayish brown (2.5Y 5/2).</p>		<p>2,610: Silty clay (M); clay and silt with minor very fine to fine sand; moderately sorted; grayish brown (2.5Y 5/2).</p>
	<p>2,550: Silty clay (M); clay and silt; well sorted; grayish brown (2.5Y 5/2).</p>		<p>2,620: Sandy silty clay (sM); clay and silt with medium to coarse sand; moderately sorted; dark grayish brown (2.5Y 4/2); <i>micaceous</i>.</p>
	<p>2,560: Silty clay (M); clay and silt; well sorted; grayish brown (2.5Y 5/2).</p>		<p>2,630: Silty clayey sand (mS); medium to very coarse sand with clay and silt; poorly sorted; subangular to subrounded; dark grayish brown (2.5Y 4/2); <i>micaceous</i>.</p>
	<p>2,570: Silty clay (M); clay and silt; well sorted; grayish brown (2.5Y 5/2).</p>		<p>2,638: Silty clayey sand (mS); medium to very coarse sand with clay and silt; poorly sorted; subangular to subrounded; grayish brown (2.5Y 5/2); <i>trace mica</i>.</p>
	<p>2,580: Silty clay (M); clay and silt with trace small pebbles; well sorted; grayish brown (2.5Y 5/2).</p>		<p>2,650: Silty clay (M); clay and silt with trace medium sand and granules; well sorted; grayish brown (2.5Y 5/2); <i>micaceous</i>.</p>
	<p>2,590: Silty clay (M); clay and silt with trace medium sand; well sorted; grayish brown (2.5Y 5/2).</p>		<p>2,658: Silty clay (M); clay and silt with trace medium sand; well sorted; grayish brown (2.5Y 5/2); <i>micaceous</i>.</p>

Figure 17L. 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.