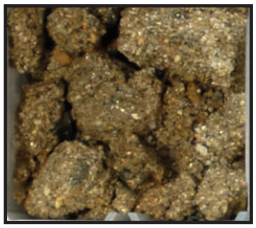
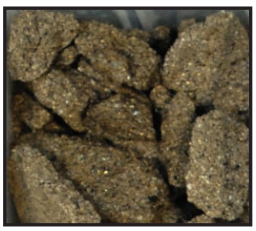
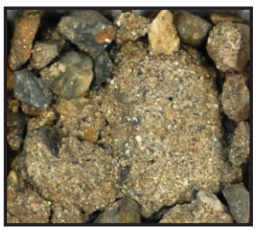
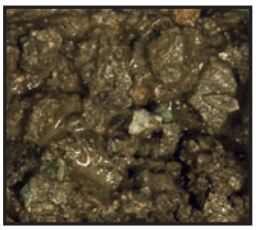
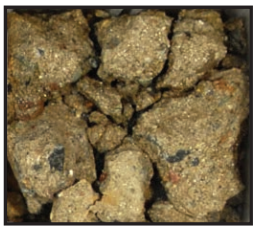
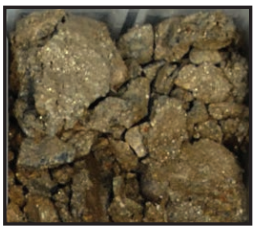
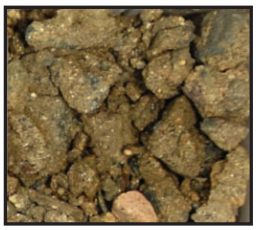
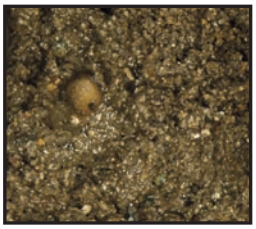
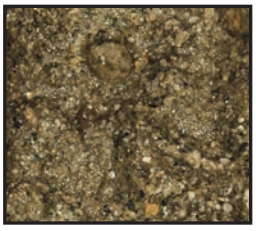
Depth interval (feet) and description		Depth interval (feet) and description	
	0–20: Sandy silt (sZ); silt and very fine to very coarse sand and minor silt; moderately sorted; angular to subangular; olive gray (5Y 5/2); *abundant organic debris, 2–30 mm.*		140–160: Sand (S); fine to very coarse sand; well sorted; angular to subrounded; olive (5Y 5/6).
	20–40: Silty sand (zS); very fine to medium sand and silt; well sorted; angular to subangular; olive gray (5Y 5/2).		160–180: Sand (S); very fine to medium sand with minor silt and trace granules to small pebbles; well to moderately-sorted; angular to subrounded; pale olive (5Y 6/4).
	40–60: Silty sand (zS); very fine to medium sand, silt, and trace pebbles; poorly sorted; angular to subrounded; olive gray (5Y 5/2).		180–200: Slightly gravelly sand ((g)S); fine to very coarse sand with granules to small pebbles; moderately to poorly sorted; angular to subrounded; pale olive (5Y 6/4).
	60–80: Sandy gravel (sG); very fine to very coarse sand and granules to large pebbles; very poorly sorted; angular to subangular; olive gray (5Y 5/2).		200–220: Sand (S); very fine to coarse sand and minor silt; poorly sorted; angular to subrounded; pale olive (5Y 6/4).
	80–100: Slightly gravelly sand ((g)S); fine to very coarse sand with granules to small pebbles; moderately to poorly sorted; angular to subrounded; olive gray (5Y 5/2).		220–240: Sand (S); fine to very coarse sand and minor granules; poorly sorted; angular to subrounded; olive gray (5Y 5/2).
	100–120: Slightly gravelly sand ((g)S); fine to very coarse sand with granules to small pebbles; moderately to poorly sorted; angular to subrounded; olive (5Y 5/6).		240–260: Sand (S); very fine to very coarse sand; moderately sorted; angular to subangular; olive gray (5Y 5/2).
	120–140: Slightly gravelly sand ((g)S); fine to very coarse sand with granules to small pebbles; moderately to poorly sorted; angular to subrounded; olive (5Y 5/6).		260–280: Sand (S); very fine to very coarse sand; moderately sorted; angular to subangular; grayish olive (10Y 4/2).

Figure 18*P*. Lithologic descriptions and photographs of **sieve** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 1995, 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***.

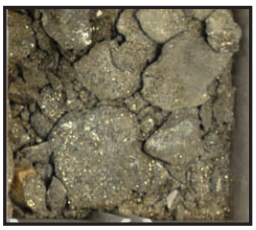
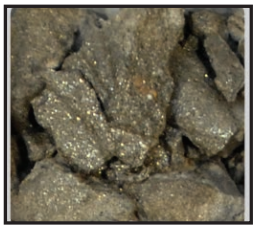
Depth interval (feet) and description		Depth interval (feet) and description	
	280–300: Silty sand (zS); very fine to medium sand, silt, and trace granules; moderately sorted; angular to subangular; grayish olive (10Y 4/2).		420–440: Sandy silt (sZ); silt and very fine sand with trace clay; very well sorted; olive gray (5Y 3/2).
	300–320: Sandy silt (sZ); silt, very fine to fine sand with trace granules, and clay; well sorted; olive gray (5Y 3/2).		440–460: Sandy silt (sZ); silt, very fine to fine sand, and minor clay; well sorted; olive gray (5Y 3/2).
	320–340: Sandy silt (sZ); silt, very fine to fine sand, and trace granules; well sorted; olive gray (5Y 3/2).		460–480: Sandy silt (sZ); silt, very fine to fine sand, and minor clay; well sorted; olive gray (5Y 3/2).
	340–360: Sand (S); very fine to very coarse sand and minor silt; poorly sorted; angular to subangular; grayish olive (10Y 4/2).		480–500: Sandy silt (sZ); silt, very fine to fine sand, minor clay, and trace granules; well sorted; olive gray (5Y 3/2).
	360–380: Silty sand (zS); very fine to fine sand, silt, and trace granules; well sorted; angular to subrounded; grayish olive (10Y 4/2).		500–520: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).
	380–400: Sandy silt (sZ); silt, very fine to fine sand, and trace granules; well sorted; olive gray (5Y 3/2).		520–540: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).
	400–420: Silty sand (zS); silt, very fine to fine sand, silt, and trace pebbles; well sorted; angular to subangular; grayish olive (10Y 4/2).		540–560: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).

Figure 18*P*. Lithologic descriptions and photographs of **sieve** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 1995, 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.

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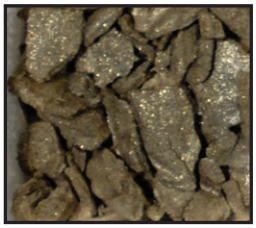
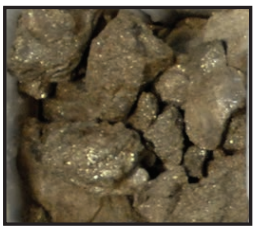
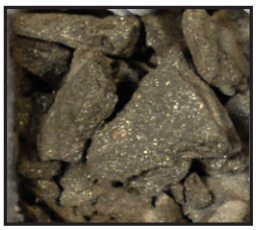
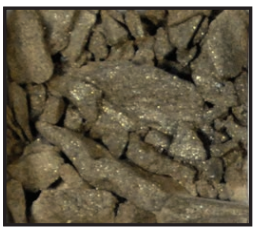
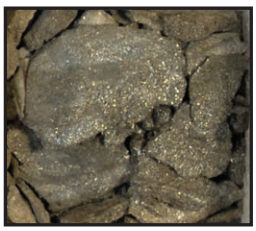
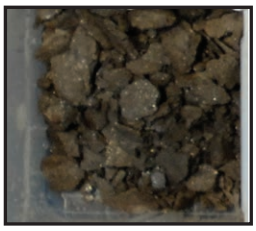
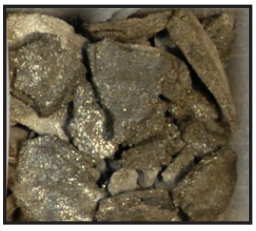
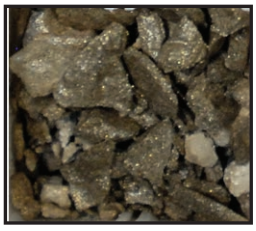
Depth interval (feet) and description		Depth interval (feet) and description	
	560–580: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).		700–720: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).
	580–600: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).		720–740: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).
	600–620: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).		740–760: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).
	620–640: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).		760–780: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).
	640–660: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).		780–800: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).
	660–680: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).		800–820: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).
	680–700: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).		820–840: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).

Figure 18*P*. Lithologic descriptions and photographs of **sieve** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 1995, 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.

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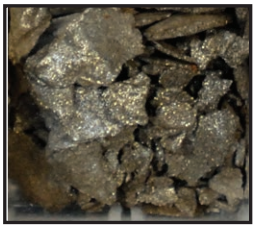
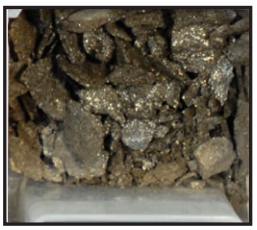
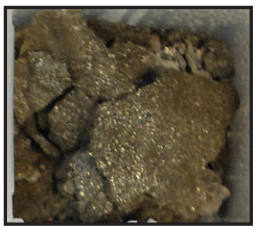
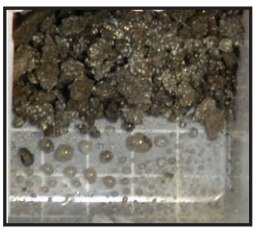
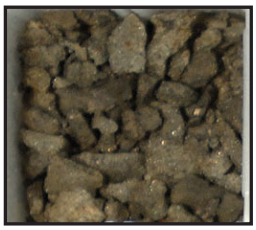
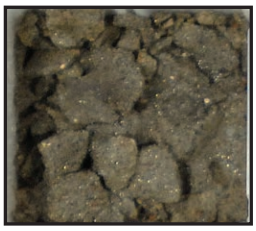
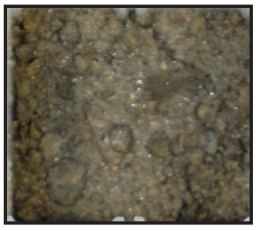
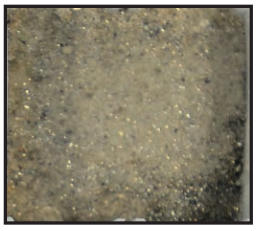
Depth interval (feet) and description		Depth interval (feet) and description	
	840–860: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).		980–1,000: Silty sand (zS); very fine to medium sand and silt; well sorted; grayish olive green (5GY 3/2).
	860–880: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).		1,000–1,030: Silty sand (zS); very fine to medium sand and silt; well sorted; angular to subrounded; grayish olive green (5GY 3/2).
	880–900: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).		1,030–1,050: Silty sand (zS); very fine to fine sand, well sorted; angular to subangular; olive gray (5Y 3/2).
	900–920: Sandy silt (sZ); silt, very fine sand, minor clay, and trace granules; well sorted; olive gray (5Y 3/2).		1,050–1,070: Silty sand (zS); very fine to medium sand and silt; well sorted; angular to subrounded; olive gray (5Y 3/2).
	920–940: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).		1,070–1,090: Silty sand (zS); very fine to medium sand and silt; well sorted; angular to subrounded; grayish olive green (5GY 3/2).
	940–960: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).		1,090–1,110: Sand (S); some silt, very fine to medium sand; well sorted; angular to subrounded; grayish olive green (5GY 3/2).
	960–980: Sandy silt (sZ); silt, very fine sand, and minor clay; well sorted; olive gray (5Y 3/2).		1,110–1,130: Sand (S); very fine to medium sand; well sorted; angular to subrounded; grayish green (5G 5/2).

Figure 18*P*. Lithologic descriptions and photographs of **sieve** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 1995, 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.

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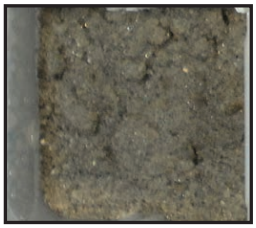
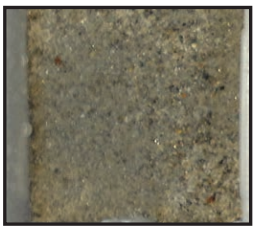
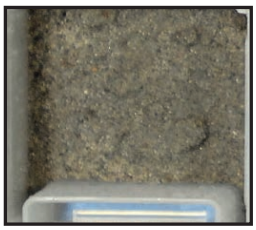
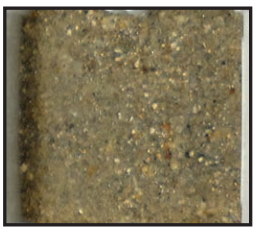
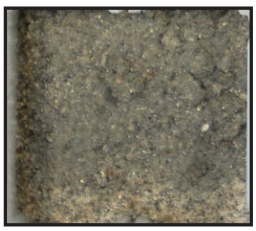
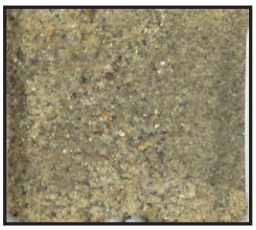
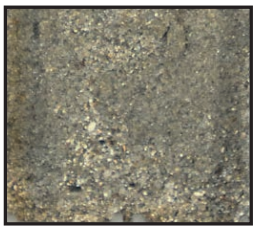
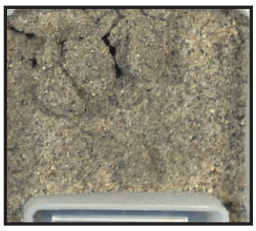
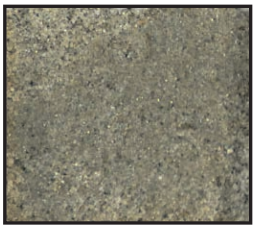
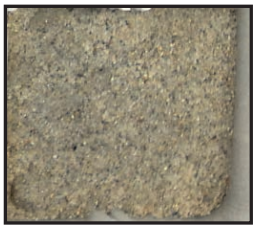
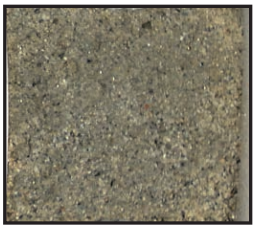
Depth interval (feet) and description		Depth interval (feet) and description	
	1,130–1,150: Sand (S); very fine to medium sand; well sorted; angular to subrounded; grayish green (5G 5/2).		1,270–1,290: Sand (S); very fine to fine sand; very well sorted; angular to subrounded; grayish green (5G 5/2).
	1,150–1,170: Sand (S); very fine to medium sand; well sorted; angular to subrounded; grayish green (5G 5/2).		1,290–1,310: Sand (S); very fine to medium sand; well sorted; angular to subrounded; grayish green (10G 4/2).
	1,170–1,190: Sand (S); very fine to medium sand; well sorted; angular to subrounded; grayish green (5G 5/2).		1,310–1,330: Sand (S); very fine to medium sand; well sorted; angular to subrounded; grayish green (10G 4/2).
	1,190–1,210: Sand (S); very fine to coarse sand; moderately sorted; angular to subrounded; grayish green (5G 5/2).		1,330–1,350: Sand (S); very fine to medium sand; well sorted; angular to subrounded; grayish green (10G 4/2).
	1,210–1,230: Sand (S); very fine to coarse sand; moderately to poorly sorted; angular to subrounded; grayish green (5G 5/2).		1,350–1,370: Sand (S); very fine to fine sand; very well sorted; angular to subrounded; grayish green (5G 5/2).
	1,230–1,250: Sand (S); very fine to fine sand; very well sorted; angular to subrounded; grayish green (5G 5/2).		1,370–1,390: Sand (S); very fine to medium sand; well sorted; angular to subrounded; grayish green (5G 6/2).
	1,250–1,270: Sand (S); very fine to fine sand; very well sorted; angular to subrounded; grayish green (5G 5/2).		1,390–1,410: Silty sand (zS); very fine to coarse sand, silt, and minor clay; moderately to poorly sorted; angular to subrounded; dusky green (5G 3/2).

Figure 18*P*. Lithologic descriptions and photographs of **sieve** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 1995, 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.

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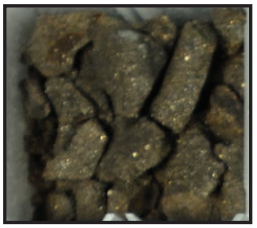
Depth interval (feet) and description	
	1,410–1,430: Silty sand (zS); very fine to coarse sand, silt, and minor clay; moderately to poorly sorted; angular to subrounded; dusky green (5G 3/2).

Note: the lithologic descriptions and photographs for site SDBW were compiled from sieve drill cuttings that were collected from two adjacent boreholes; refer text for more explanation.

Figure 18*P*. Lithologic descriptions and photographs of **sieve** drill cuttings collected from the borehole at 16 USGS multiple-depth, monitoring-well sites in San Diego County, California, 1995, 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.

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