APPENDIX D. LITHOLOGIC DATA AND GROUND-WATER DATA FOR THE MOJAVE RIVER GROUND-WATER BASIN—CENTRO SUBAREA

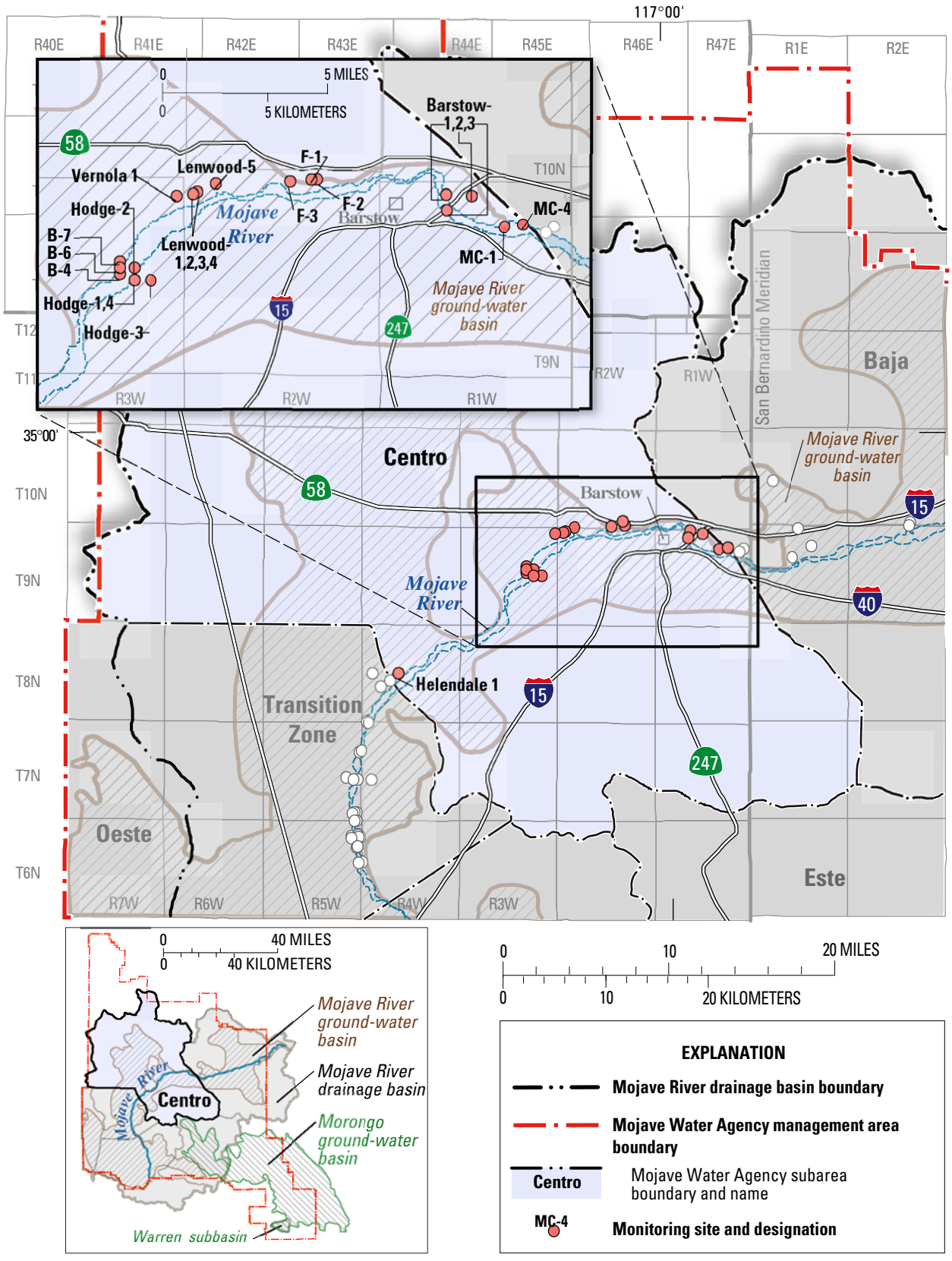


Figure D1. Location of monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table D1. Well-construction data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Depth of well, sand-pack interval, seal interval, and perforated interval in feet below land surface. Altitude of land-surface datum in feet above sea level]

Common name	State well No.	Type of well	Depth of well	Sand-pack interval	Seal interval	Type of seal	Perforated interval	Altitude of land-surface datum	Date drilled
Site Helendale-1									
Helendale 1-40	8N/4W-21M4	Multiple	40	20–55	0–20	Cement grout	30–40	2,388.96	07-04-93
Helendale 1-140	8N/4W-21M3	Multiple	140	97–155	55–97	Bentonite	120–140	2,388.96	07-04-93
Helendale 1-230	8N/4W-21M2	Multiple	230	192–261	155–192	Bentonite	210–230	2,388.96	07-04-93
Helendale 1-370	8N/4W-21M1	Multiple	370	331–380	261–331	Bentonite	350–370	2,388.96	07-04-93
Site Barstow-1									
Barstow-1					0–20	Cement grout			
Barstow-1 NO 4	9N/1W-4M7	Multiple	100	37–85	20–37	Bentonite	40–80	2,070	01-09-93
Barstow-1 NO 3	9N/1W-4M6	Multiple	180	135–167	85–135	Bentonite	140–160	2,070	01-09-93
Barstow-1 NO 2	9N/1W-4M5	Multiple	257	216–270	167–216	Bentonite	230–250	2,070	01-09-93
Barstow-1 NO 1	9N/1W-4M4	Multiple	440	395–450	270–395	Bentonite	420–440	2,070	01-09-93
Site Barstow-2									
Barstow-2 NO 3	9N/1W-4R4	Multiple	40	18–50	0–18	Cement grout	20–40	2,045	01-19-93
Barstow-2 NO 2	9N/1W-4R3	Multiple	141	111–150	50–111	Bentonite	120–140	2,045	01-19-93
Barstow-2 NO 1	9N/1W-4R2	Multiple	280	253–300	150–253	Bentonite	260–280	2,045	01-19-93
Site Barstow-3									
Barstow-3					0–40	Cement grout			
Barstow-3 NO 4	9N/1W-9D8	Multiple	100	49–115	40–49	Bentonite	60–80	2,094	01-21-93
Barstow-3 NO 3	9N/1W-9D7	Multiple	190	159–200	115–159	Bentonite	170–190	2,094	01-21-93
Barstow-3 NO 2	9N/1W-9D6	Multiple	300	257–313	200–257	Bentonite	280–300	2,094	01-21-93
Barstow-3 NO 1	9N/1W-9D5	Multiple	500	471–511	313–411	Bentonite	480–500	2,094	01-21-93
Site MC-1									
MC-1 at 100	9N/1W-10J15	Multiple	100	70–140	0–70	Cement grout	80–100	2,033.59	03-15-92
MC-1 at 200	9N/1W-10J14	Multiple	200	160–212	140–160	Bentonite	180–200	2,033.59	03-15-92
MC-1 at 370	9N/1W-10J13	Multiple	370	330–425	212–330	Bentonite	350–370	2,033.59	03-15-92
MC-1 at 610	9N/1W-10J12	Multiple	610	566–610	425–566	Bentonite	590–610	2,033.59	03-15-92
Site MC-4									
MC-4					0–49	Cement grout			
MC-4 at 90	9N/1W-11K15	Multiple	90	52–100	49–52	Bentonite	70–90	2,022.28	06-29-92
MC-4 at 180	9N/1W-11K14	Multiple	180	140–207	100–140	Bentonite	160–180	2,022.28	06-29-92
MC-4 at 315	9N/1W-11K13	Multiple	315	268–319	207–268	Bentonite	295–315	2,022.28	06-29-92
MC-4 at 590	9N/1W-11K12	Multiple	590	550–620	319–550	Bentonite	570–590	2,022.28	06-29-92
Site F-2									
F-2					0–12	Cement grout			
F-2 NO 1	9N/2W-2E1	Single	160	114–180	12–114	Bentonite	140–160	2,140	02-08-93

Table D1. Well-construction data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	State well No.	Type of well	Depth of well	Sand-pack interval	Seal interval	Type of seal	Perforated interval	Altitude of land-surface datum	Date drilled
Site F-1									
F-1 NO 2	9N/2W-3A2	Multiple	55	35–75	0–35	Cement grout	35–55	2,139	02-07-93
F-1 NO 1	9N/2W-3A1	Multiple	120	93–120	75–93	Bentonite	100–120	2,139	02-07-93
Site F-3									
F-3					0–81	Cement grout			
F-3 NO 3	9N/2W-3E3	Multiple	121	90–132	81–90	Bentonite	100–120	2,150	02-10-93
F-3 NO 2	9N/2W-3E2	Multiple	185	150–186	132–150	Bentonite	165–185	2,150	02-10-93
F-3 NO 1	9N/2W-3E1	Multiple	230	195–240	186–195	Bentonite	210–230	2,150	02-10-93
Site Lenwood 5									
Lenwood 5				4–7	0–4	Cement grout			
Used for monitoring soil moisture				9–36	7–9	Bentonite			
				38–56	36–38	Bentonite			
Lenwood 5 at 99	9N/2W-6H6	Single	99	58–100	56–58	Bentonite	95–99	2,180	04-17-94
Site Lenwood 1									
Lenwood 1					0–32	Cement grout			
Lenwood 1 at 50	9N/2W-6L14	Multiple	50	34–55	32–34	Bentonite	40–50	2,185	04-05-94
Lenwood 1 at 95	9N/2W-6L13	Multiple	95	68–100	55–68	Bentonite	75–95	2,185	04-05-94
Lenwood 1 at 155	9N/2W-6L12	Multiple	155	120–162	100–120	Bentonite	135–155	2,185	04-05-94
Lenwood 1 at 200	9N/2W-6L11	Multiple	200	183–200	162–183	Bentonite	190–200	2,185	04-05-94
Site Lenwood 2									
Lenwood 2					0–50	Cement grout			
Lenwood 2 at 97	9N/2W-6M7	Single	97	60–97	50–60	Bentonite	77–97	2,189	04-13-94
Site Lenwood 3									
Lenwood 3					0–50	Cement grout			
Lenwood 3 at 95	9N/2W-6P1	Single	95.5	55–95	50–55	Bentonite	75.5–95.5	2,184	04-14-94
Site Lenwood 4									
Lenwood 4					0–50	Cement grout			
Lenwood 4 at 94	9N/2W-6P2	Single	94	55–94	50–55	Bentonite	74–94	2,187	04-15-94
Site Vernola 1									
Vernola 1					0–20	Cement grout			
Vernola 1 at 130	9N/3W-1R7	Multiple	130	90–140	20–90	Bentonite	110–130	2,195	03-11-92
Vernola 1 at 210	9N/3W-1R6	Multiple	210	170–246	140–170	Bentonite	190–210	2,195	03-11-92
Vernola 1 at 330	9N/3W-1R5	Multiple	330	282–370	246–282	Bentonite	310–330	2,195	03-11-92
Site B-7									
B-7					0–2	Cement grout			
B-7	9N/3W-14N1	Single	75	20–76.5	2–20	Bentonite	65–75	2,222	06-23-97

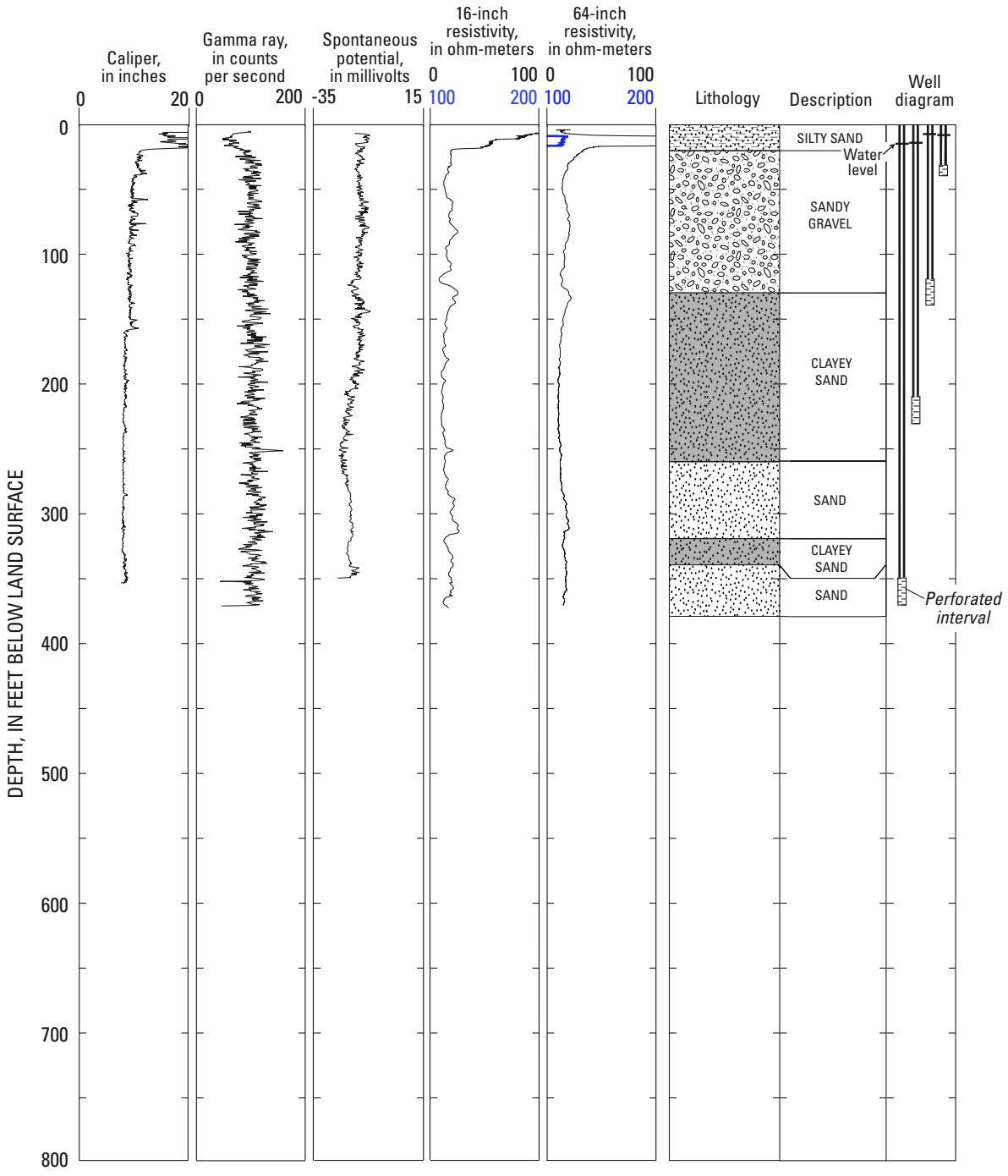
Table D1. Well-construction data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	State well No.	Type of well	Depth of well	Sand-pack interval	Seal interval	Type of seal	Perforated interval	Altitude of land-surface datum	Date drilled
Site Hodge-2									
Hodge-2					0–5	Cement grout			
Hodge-2	9N/3W-23C1	Single	77	40–77	5–40	Bentonite	57–77	2,223	11-20-94
Site B-6									
B-6					0–2	Cement grout			
B-6	9N/3W-23D2	Single	100	25–101.5	2–25	Bentonite	90–100	2,225	06-20-97
Site B-4									
B-4					0–2	Cement grout			
B-4	9N/3W-23D3	Single	70	20–71.5	2–20	Bentonite	60–70	2,225	06-20-97
Site Hodge-1									
Hodge-1					0–50	Cement grout			
Hodge-1 NO 4	9N/3W-23F4	Multiple	90	51–111	50–51	Bentonite	70–90	2,227	11-16-94
Hodge-1 NO 3	9N/3W-23F3	Multiple	200	140–233	111–140	Bentonite	180–200	2,227	11-16-94
Hodge-1 NO 2	9N/3W-23F2	Multiple	310	266–330	233–266	Bentonite	290–310	2,227	11-16-94
Hodge-1 NO 1	9N/3W-23F1	Multiple	585	544–589	330–544	Bentonite	565–585	2,227	11-16-94
Site Hodge-3									
Hodge-3					0–51	Cement grout			
Hodge-3	9N/3W-23H1	Single	93	53–97	51–53	Bentonite	73–93	2,236	11-21-94
Site Hodge-4									
Hodge-4				9–12	0–9	Cement grout			
Used for monitoring soil moisture				15–22	12–15	Bentonite			
				27–39	22–27	Bentonite			
Hodge-4	9N/3W-23L1	Single	65	40–66.8	39–40	Bentonite	60–65	2,227	11-22-94

Table D2. Lithologic log for multiple-well monitoring site Helendale 1 (wells 8N/4W-21M1–4) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,389 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by U.S. Geological Survey using mud rotary, July 1993. Total depth drilled 380 ft. Screened intervals: 350–370, 210–230, 120–140, and 30–40 ft]

Depth (ft)		Description
From	To	
0	20	Silty sand, fine to coarse, minimal silt or clay; subrounded; poorly sorted; light brown (5YR 6/4)
20	40	Gravelly sand, fine to coarse, granules to small pebbles, few fines; subrounded; poorly sorted; moderate yellowish brown (10YR 5/4)
40	60	Sandy gravel with clay, granules to small pebbles; subangular; sand, fine to coarse; subangular; poorly sorted; dark yellowish orange (10YR 6/6)
60	80	Sand, medium to coarse; subangular; moderately well sorted; dark yellowish orange (10YR 6/6)
80	100	Sandy gravel, with clay nodules, granules to small pebbles; subangular; sand, fine to coarse; subangular; poorly sorted; moderate yellowish brown (10YR 5/4)
100	120	Sandy gravel, granules to small pebbles; subangular; sand, medium to coarse; subangular; moderately well sorted; moderate yellowish brown (10YR 5/4)
120	130	Sandy gravel, granules to small pebbles; subangular; sand, fine to coarse; subangular; poorly sorted; moderate yellowish brown (10YR 5/4)
130	140	Clayey sand with gravel; sand, fine to medium; subangular; moderately well sorted; clay, approximately 20 percent; moderate yellowish brown (10YR 5/4)
140	160	Clayey sand with gravel; sand, fine to medium; subangular; moderately well sorted; clay, approximately 20 percent; moderate yellowish brown (10YR 5/4)
160	180	Clayey sand with gravel; sand, medium to coarse; subangular; moderately well sorted; clay, 20 percent; gravel, granules to small pebbles; subangular and fractured rock; moderate yellowish brown (10YR 5/4)
180	200	Clayey sand with gravel; sand, medium to coarse; subangular; moderately well sorted; clay, approximately 20 percent; gravel, mostly fractured rock from drilling action; moderate yellowish brown (10YR 5/4)
200	220	Clayey sand, medium to coarse; subangular; poorly sorted; clay, approximately 40 percent; occasional granules to small pebbles; moderate yellowish brown (10YR 5/4)
220	240	Clayey sand, coarse; subangular; well-sorted; clay, approximately 20 percent; moderate yellowish brown (10YR 5/4)
240	260	Clayey sand, medium to coarse; angular (possible rock cuttings); well-sorted; clay 10-20 percent; moderate yellowish brown (10YR 5/4)
260	280	Sand, coarse, with few fines and gravel; subrounded; well-sorted; moderate yellowish brown (10YR 5/4)
280	300	Sand, medium to coarse, some rock fragments; subangular; well-sorted; moderate yellowish brown (10YR 5/4)
300	320	Sand, medium to coarse, more rock fragments than above; subangular; well-sorted, moderate yellowish brown (10YR 5/4)
320	340	Clayey sand, coarse; subangular; well-sorted; clay, approximately 30 percent; moderate yellowish brown (10YR 5/4)
340	360	Sand, coarse; subangular; well-sorted; very clean, no fines; moderate yellowish brown (10YR 5/4)
360	380	Sand, coarse, some rock fragments; subangular; well-sorted; moderate yellowish brown (10YR 5/4)



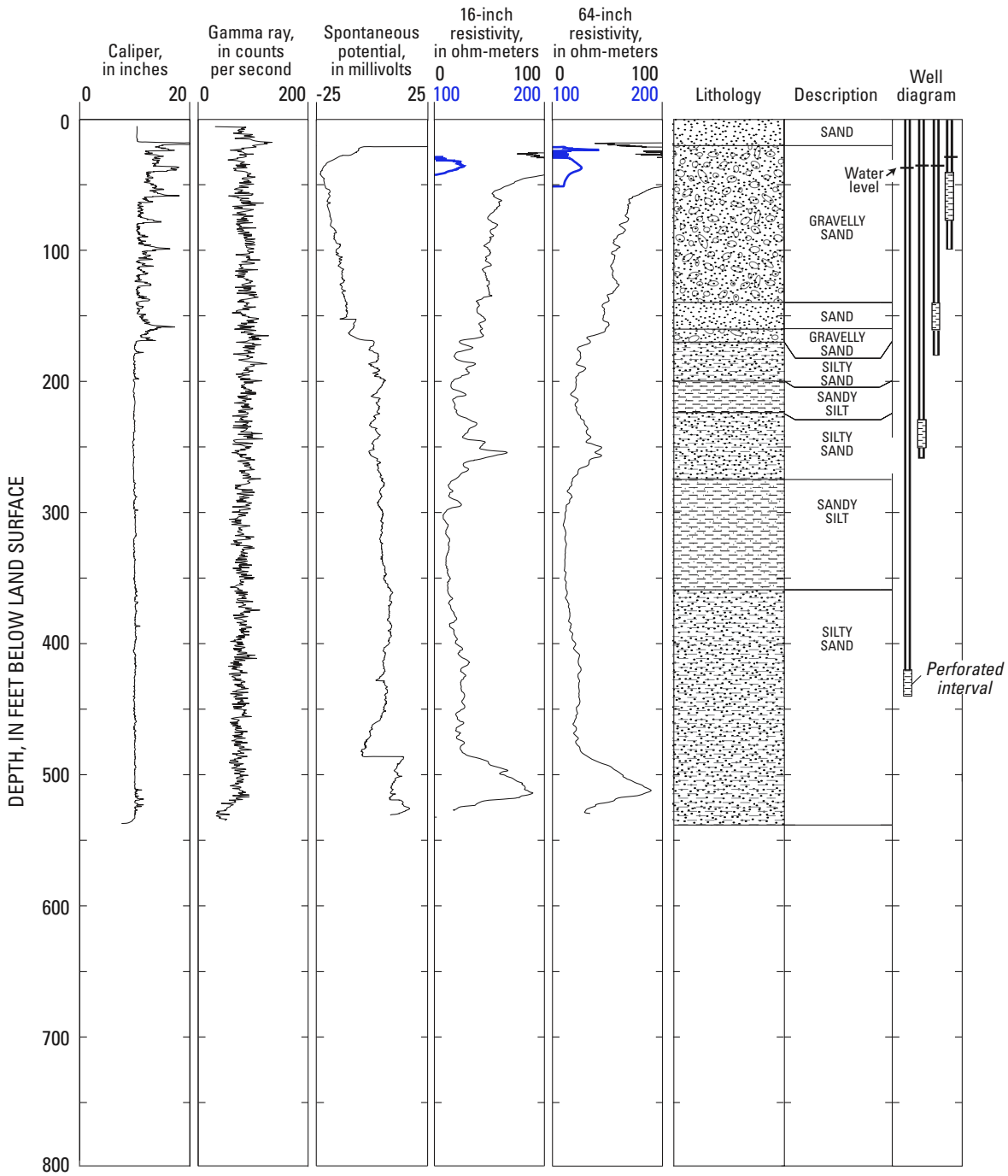
Note: Some lithologic units may have been combined for presentation in this figure and the lithologic description may not correspond exactly to the description in the lithologic log shown in table.

Figure D2. Geophysical logs, lithology, and well diagram for multiple-well monitoring site Helendale 1 (wells 8N/4W-21M1–4) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table D3. Lithologic log for multiple-well monitoring site Barstow-1 (wells 9N/1W-4M4–7) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,070 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by U.S. Geological Survey using mud rotary, January 1993. Total depth drilled 540 ft. Screened intervals: 420–440, 230–250, 140–160, and 40–80 ft]

Depth (ft)		Description
From	To	
0	20	Sand, fine to very coarse; poorly sorted; angular biotite to rounded quartz; grayish orange (10YR 7/4)
20	40	Slightly gravelly sand, fine to very coarse; poorly sorted; angular to rounded; grayish orange (10YR 7/4)
40	60	Gravelly sand, fine to very coarse; poorly sorted; angular to rounded; grayish orange (10YR 7/4)
60	80	Gravelly sand, fine to very coarse, occasional cobbles; poorly sorted; angular to subrounded; grayish orange (10YR 7/4)
80	100	Slightly gravelly sand, fine to very coarse; poorly sorted; angular to subrounded; grayish orange (10YR 7/4)
100	120	Gravelly sand, fine to very coarse, occasional cobbles; poorly sorted; angular to subrounded; grayish orange (10YR 7/4)
120	140	Slightly gravelly sand, fine to very coarse; poorly sorted; angular to subrounded; grayish orange (10YR 7/4)
140	160	Sand, fine to very coarse; poorly sorted; angular to subrounded; grayish orange (10YR 7/4)
160	170	Gravelly sand with some silt, fine to very coarse; poorly sorted; angular to subrounded; dark yellowish orange (10YR 6/6)
170	200	Silty sand, fine to very coarse; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
200	225	Sandy silt with minor clay, fine to very coarse; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
225	240	Silty sand with trace to minor clay, fine to very coarse; angular to subrounded; moderate yellowish brown (10YR 5/4)
240	260	Silty sand with some clay, fine to very coarse; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
260	275	Silty sand with minor clay, fine to coarse; moderately sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
275	300	Sandy silt with some clay, very fine to very coarse; poorly sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
300	320	Sandy silt with minor to some clay, very fine to coarse, skewed toward fine; poorly sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
320	340	Sandy silt with minor clay, very fine to very coarse, skewed toward fine; poorly sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
340	360	Sandy silt with some clay, very fine to very coarse; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
360	380	Silty sand, fine to coarse, skewed toward fine; moderately sorted; angular to rounded; dark yellowish brown (10YR 4/2)
380	400	Silty sand, fine to very coarse, skewed toward fine; poorly sorted; angular to rounded; dark yellowish brown (10YR 4/2)
400	420	Silty sand with trace clay, very fine to very coarse; poorly sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
420	440	Silty sand with trace clay, fine to very coarse; poorly sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
440	460	Silty sand, medium to very coarse; moderately sorted; subangular to subrounded; dark yellowish brown (10YR 4/2)
460	480	Silty sand, fine to very coarse; poorly sorted; subangular to subrounded; dark yellowish brown (10YR 4/2)
480	500	Silty sand with minor clay, medium to very coarse; moderately sorted; angular to subrounded; olive gray (5Y 3/2)
500	520	Silty sand, medium to very coarse; moderately sorted; angular to subrounded; olive gray (5Y 3/2)
520	540	Silty sand, fine to very coarse; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)



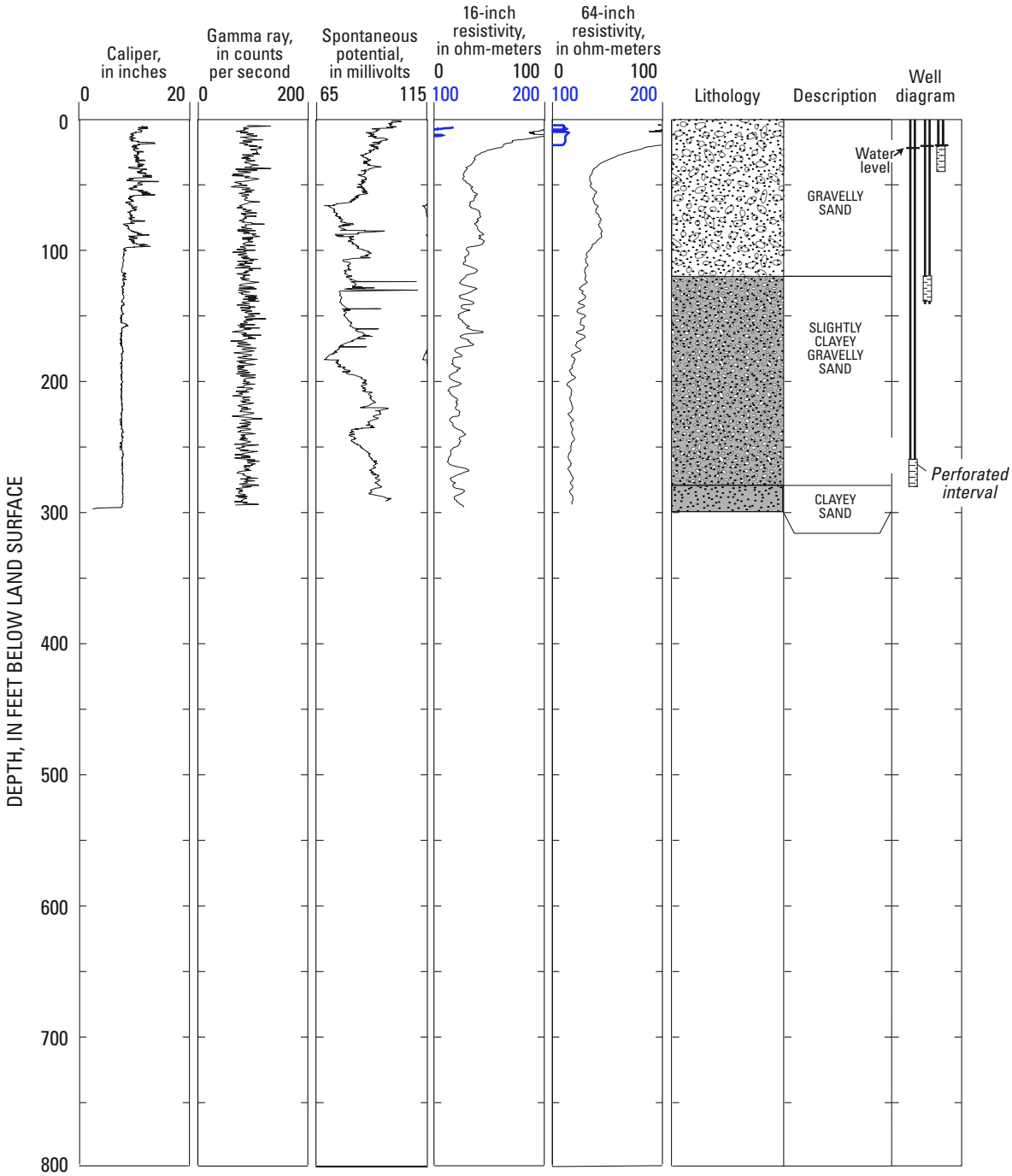
Note: Some lithologic units may have been combined for presentation in this figure and the lithologic description may not correspond exactly to the description in the lithologic log shown in table.

Figure D3. Geophysical logs, lithology, and well diagram for multiple-well monitoring site Barstow-1 (wells 9N/1W-4M4–7) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table D4. Lithologic log for multiple-well monitoring site Barstow-2 (wells 9N/1W-4R2–4) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,045 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by U.S. Geological Survey using mud rotary, January 1993. Total depth drilled 300 ft. Screened intervals: 260–280, 120–140, and 20–40 ft]

Depth (ft)		Description
From	To	
0	20	Sand, medium to very coarse, with some gravel, granules to pebbles; poorly sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
20	40	Sand, fine to very coarse, with gravel, granules to pebbles; poorly sorted; sand is subangular to subrounded, gravel is angular to subrounded; moderate yellowish brown (10YR 5/4) to grayish orange (10YR 7/4)
40	60	Sand, fine to very coarse, with gravel, granules to pebbles; poorly sorted; sand is subangular to subrounded, gravel is angular to subrounded; moderate yellowish brown (10YR 5/4) to grayish orange (10YR 7/4)
60	80	Sand, fine to very coarse, with gravel, granule to pebbles; poorly sorted; sand is subangular to subrounded, gravel is angular to subrounded; moderate yellowish brown (10YR 5/4) to grayish orange (10YR 7/4)
80	95	Sand, fine to very coarse, with gravel, granules to pebbles; poorly sorted; sand is subangular to subrounded, gravel is angular to subrounded; moderate yellowish brown (10YR 5/4) to grayish orange (10YR 7/4)
95	120	Sand, fine to coarse, with clay, some granules; poorly sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
120	140	Clay, with sand, fine to medium, some granules; poorly sorted; sand is subangular to subrounded; moderate yellowish brown (10YR 5/4)
140	160	Sand, fine to coarse, with clay, some granules; poorly sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
160	170	Sand, fine to coarse, with some clay, occasional granules; poorly sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
170	200	Clay, with sand, very fine to medium, occasional granules; poorly sorted; sand is subrounded; moderate yellowish brown (10YR 5/4)
200	220	Sand, fine to coarse, with clay, occasional granules to pebbles; poorly sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
220	240	Sand, fine to coarse, with clay, occasional granules to pebbles; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
240	260	Sand, fine to coarse, with clay, occasional granules; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
260	280	Sand, fine to coarse, with clay, occasional granules; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
280	300	Sand, very fine to coarse, with some clay; poorly sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)



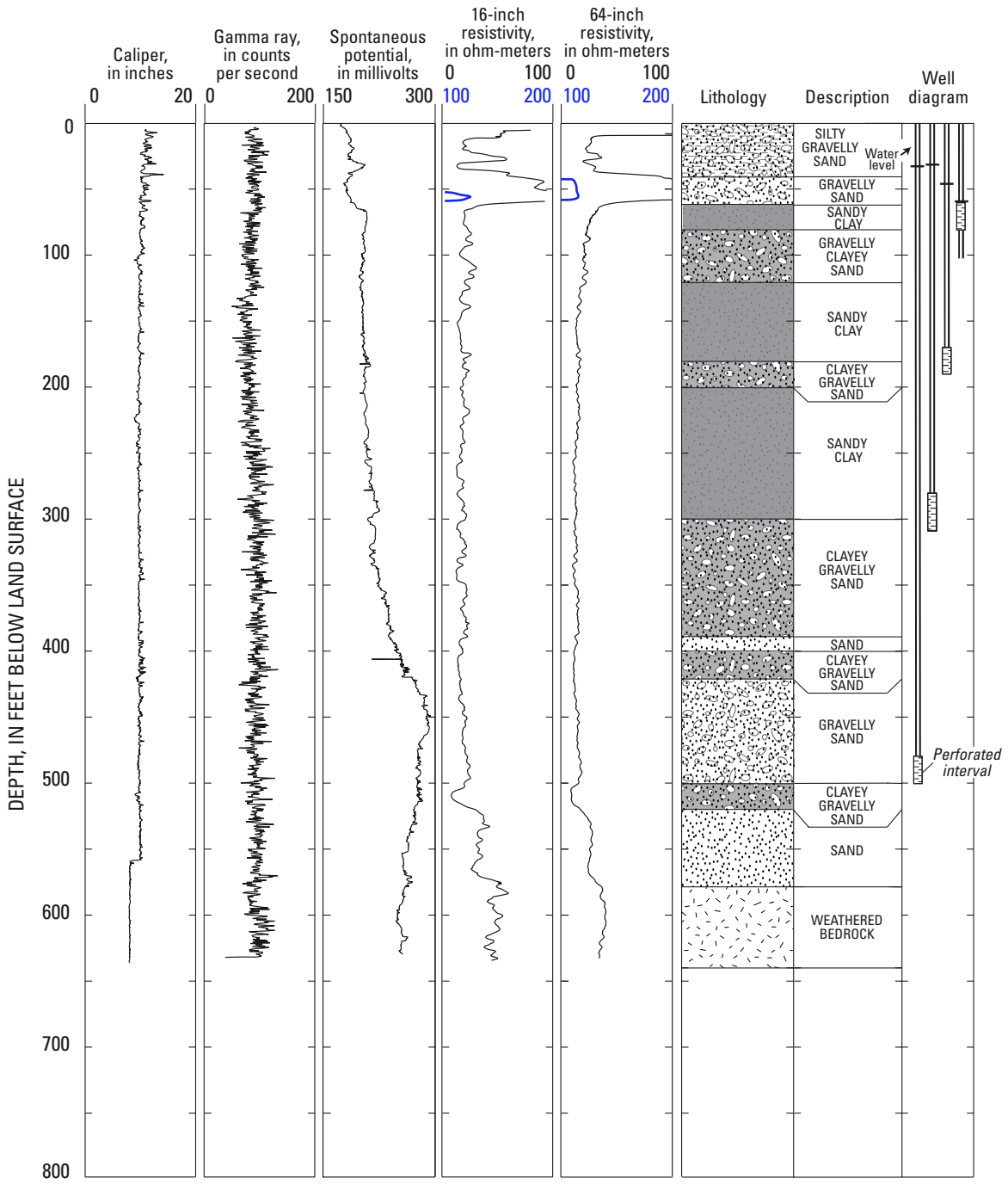
Note: Some lithologic units may have been combined for presentation in this figure and the lithologic description may not correspond exactly to the description in the lithologic log shown in table.

Figure D4. Geophysical logs, lithology, and well diagram for multiple-well monitoring site Barstow-2 (wells 9N/1W-4R2–4) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table D5. Lithologic log for multiple-well monitoring site Barstow-3 (wells 9N/1W-9D5–8) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,094 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by U.S. Geological Survey using mud rotary, January 1993. Total depth drilled 640 ft. Screened intervals: 480–500, 280–300, 170–190, and 60-80 ft]

Depth (ft)		Description
From	To	
0	20	Gravelly sand, very fine to very coarse, granules with pebbles, silt; very poorly sorted; subrounded to subangular, some rounded and angular; moderate yellowish brown (10YR 5/4)
20	40	Silty gravelly sand, very fine to very coarse, granules and pebbles; very poorly sorted; subangular to rounded; moderate yellowish brown (10YR 5/4)
40	60	Gravelly sand, coarse to very coarse, granules with pebbles, some very fine to medium sand; very poorly sorted; light olive gray (5Y 5/2)
60	80	Sandy clay, very fine to very coarse, with some granules and silt; poorly sorted; rounded to subangular; moderate yellowish brown (10YR 5/4)
80	120	Gravelly clayey sand, fine to coarse; poorly sorted; subangular to rounded; moderate yellowish brown (10YR 5/4)
120	180	Sandy clay, fine to coarse, some granules; moderate yellowish brown (10YR 5/4)
180	200	Clayey gravelly sand, fine to coarse; poorly sorted; subangular to rounded; moderate yellowish brown (10YR 5/4)
200	220	Sandy clay, fine to coarse; moderate yellowish brown (10YR 5/4)
220	260	Sandy clay, fine to coarse, some granules; moderate yellowish brown (10YR 5/4)
260	280	Sandy clay, fine to coarse; moderate yellowish brown (10YR 5/4)
280	300	Sandy clay, fine to coarse, some granules; moderate yellowish brown (10YR 5/4)
300	380	Clayey gravelly sand, fine to coarse; poorly sorted; subangular to rounded; moderate yellowish brown (10YR 5/4)
380	400	Sand, fine to medium; moderately sorted; subangular to rounded; moderate yellowish brown (10YR 5/4)
400	440	Clayey gravelly sand, fine to coarse; poorly sorted; subangular to rounded; moderate yellowish brown (10YR 5/4)
440	480	Gravelly sand, fine to coarse; poorly sorted; subangular to rounded; moderate yellowish brown (10YR 5/4)
480	500	Gravelly sand, fine to coarse; poorly sorted; subangular to rounded; rock fragments; dark yellowish brown (10YR 4/2)
500	520	Clayey gravelly sand, fine to coarse; poorly sorted; angular to subangular; rock fragments; moderate brown (5YR 3/4)
520	540	Sand, medium to coarse, with rock fragments; moderately sorted; sand, subangular; rock fragments, angular; moderate brown (5YR 3/4)
540	580	Sand, fine to coarse, with rock fragments; poorly sorted; sand, subangular to subrounded; rock fragments, angular; moderate brown (5YR 3/4)
580	640	Ground up volcanic rock with some sand; fine to medium



Note: Some lithologic units may have been combined for presentation in this figure and the lithologic description may not correspond exactly to the description in the lithologic log shown in table.

Figure D5. Geophysical logs, lithology, and well diagram for multiple-well monitoring site Barstow-3 (wells 9N/1W-9D5–8) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

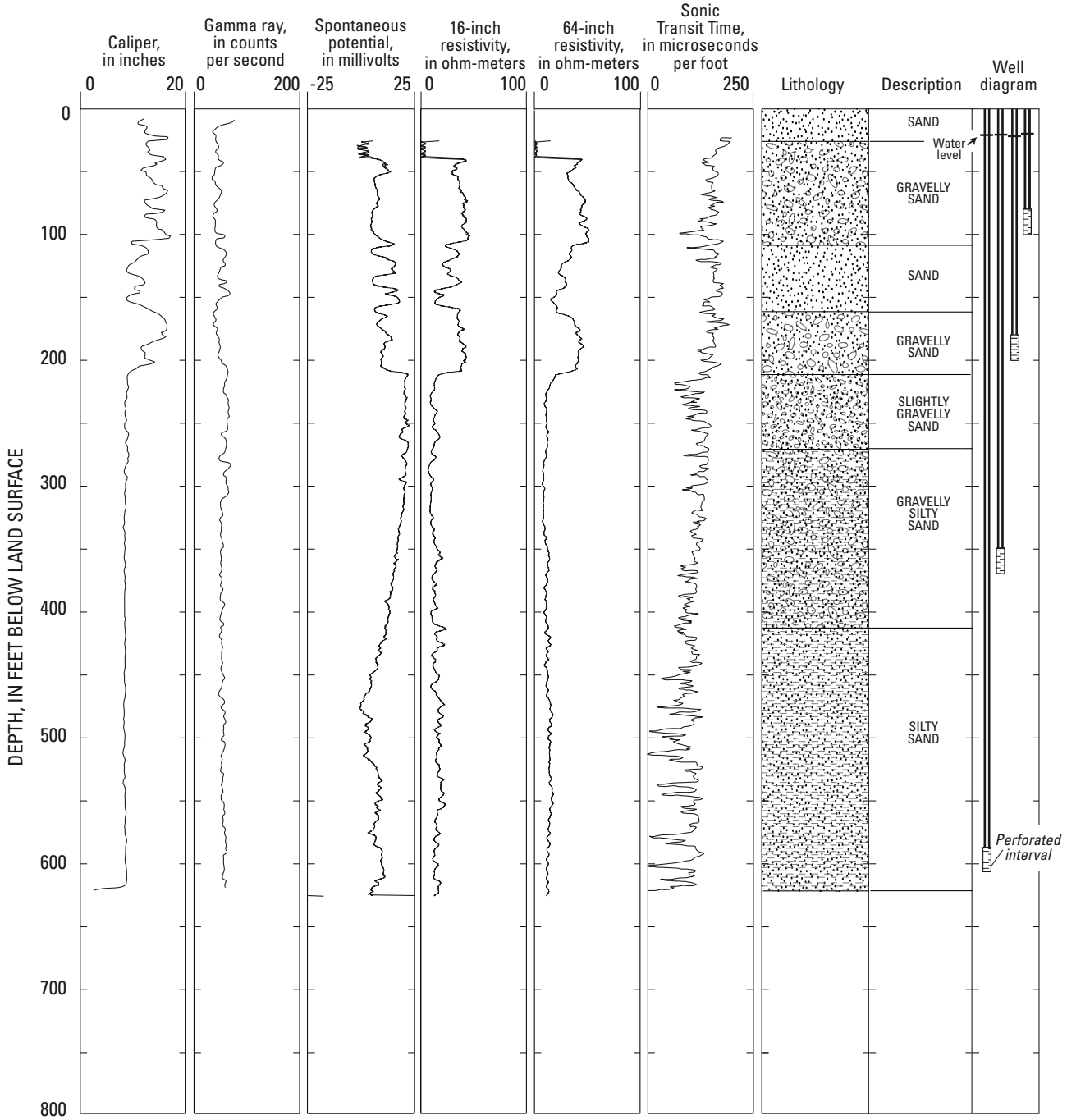
Table D6. Lithologic log for multiple-well monitoring site MC-1 (wells 9N/1W-10J12–15) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,034 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by U.S. Geological Survey using mud rotary, March 1992. Total depth drilled 620 ft. Screened intervals: 590–610, 350–370, 180–200, and 80–100 ft]

Depth (ft)		Description
From	To	
0	20	Sand, coarse to fine; moderately well sorted; subrounded to rounded; quartz, biotite, rock fragments; grayish olive (10Y 4/2)
20	40	Sand, coarse, with granules; poorly sorted; subrounded to rounded; quartz, biotite, rock fragments; pale olive (10Y 6/2)
40	60	Sand, very coarse to fine, with some small pebbles; poorly sorted; subangular to rounded; quartz, biotite, rock fragments; pale olive (10Y 6/2)
60	80	Sand, coarse to medium, with occasional small pebbles; moderately sorted; subrounded to rounded; quartz, rock fragments; pale olive (10Y 6/2)
80	100	Sand, coarse to medium, with granules; moderately sorted; subangular to rounded; quartz, rock fragments; pale olive (10Y 6/2)
100	107	Sand, coarse to medium, with occasional granules; moderately sorted; subrounded to rounded; quartz, rock fragments, biotite; pale olive (10Y 6/2)
107	155	Sand, medium to coarse; well-sorted; subrounded to rounded; quartz, biotite; grayish olive (10Y 4/2)
155	180	Sand, very coarse to medium, and gravel, medium pebble-sized; poorly sorted; subangular to rounded; quartz, rock fragments, biotite; grayish olive (10Y 4/2)
180	200	Sand, coarse to medium, and gravel, medium pebble-sized; poorly sorted; angular to rounded; quartz, rock fragments, biotite; grayish olive (10Y 4/2)
200	210	Sand, coarse to fine, and gravel, medium pebble-sized; very poorly sorted; angular to rounded; quartz, rock fragments; light olive gray (5Y 5/2)
210	240	Sand, coarse to fine, and silt with some granules; very poorly sorted; subangular to rounded; dark yellowish brown (10YR 4/2)
240	260	Sand, medium to coarse, silt and clay; poorly sorted; subangular to rounded; quartz, rock fragments; dark yellowish brown (10YR 4/2)
260	280	Sand, medium to very coarse, silt and clay; poorly sorted; subrounded to rounded; quartz, rock fragments; dark yellowish brown (10YR 4/2)
280	300	Sand, medium to very coarse, with silt and clay, some small pebbles; very poorly sorted; subangular to rounded; dark yellowish brown (10YR 4/2)
300	320	Sand, coarse to medium, with silt and clay, some granules; moderately sorted; subangular to rounded; quartz, rock fragments; dark yellowish brown (10YR 4/2)
320	340	Sand, medium to coarse, silt and clay; poorly sorted; subrounded to rounded; quartz, rock fragments; dark yellowish brown (10YR 4/2)
340	350	Sand, medium to coarse, with silt and clay, occasional granules; poorly sorted; subrounded to rounded; quartz, rock fragments; dark yellowish brown (10YR 4/2)
350	400	Sand, medium to coarse, silt and clay; poorly sorted; subrounded to rounded; quartz, rock fragments; dark yellowish brown (10YR 4/2)
400	410	Sand, coarse, with fine to very coarse grains; moderately sorted; angular to rounded; quartz, rock fragments; dark yellowish brown (10YR 4/2)
410	440	Sand, medium, and clay, with some silt; moderately sorted; subrounded to rounded; quartz; moderate yellowish brown (10YR 5/4)
440	460	Sand, fine to medium, and clay; moderately sorted; subrounded to rounded; quartz, rock fragments; moderate yellowish brown (10YR 5/4)

Table D6. Lithologic log for multiple-well monitoring site MC-1 (wells 9N/1W-10J12–15) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Depth (ft)		Description
From	To	
460	475	Sand, fine to medium, silt and clay, with occasional very coarse grains; moderately sorted; subrounded to rounded; quartz, rock fragments; moderate yellowish brown (10YR 5/4)
475	515	Sand, fine to medium, silt and clay, with some coarse grains; moderately sorted; subangular to rounded; quartz, rock fragments; moderate yellowish brown (10YR 5/4)
515	520	Sand, fine, silt and clay; moderately sorted; subrounded to rounded; quartz, rock fragments; moderate yellowish brown (10YR 5/4)
520	540	Sand, fine, clay with some silt; moderately sorted; subrounded to rounded; quartz; moderate yellowish brown (10YR 5/4)
540	560	Sand, fine, clay with silt; moderately sorted; subrounded to rounded; moderate yellowish brown (10YR 5/4)
560	580	Sand, fine, and clay, with occasional coarse grains; moderately sorted; subrounded to rounded; moderate yellowish brown (10YR 5/4)
580	600	Sand, fine, silt and clay; moderately sorted; subrounded to rounded; moderate yellowish brown (10YR 5/4)
600	620	Sand, medium to coarse, and clay, with some silt; moderately sorted; subrounded to rounded; moderate yellowish brown (10YR 5/4)



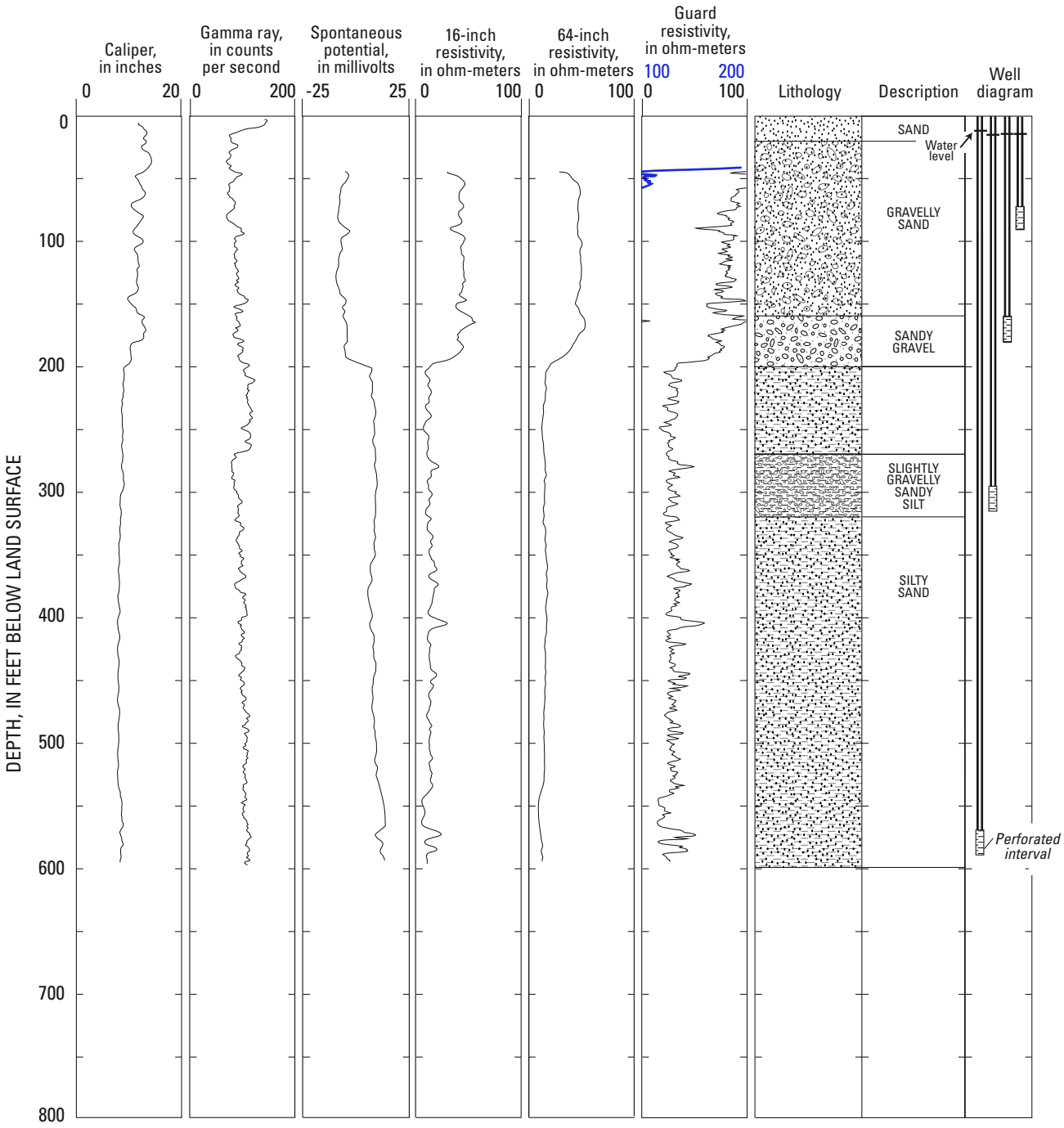
Note: Some lithologic units may have been combined for presentation in this figure and the lithologic description may not correspond exactly to the description in the lithologic log shown in table.

Figure D6. Geophysical logs, lithology, and well diagram for multiple-well monitoring site MC-1 (wells 9N/1W-10J12–15) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table D7. Lithologic log for multiple-well monitoring site MC-4 (wells 9N/1W-11K12–15) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,022 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by U.S. Geological Survey using mud rotary, June-July 1992. Total depth drilled 600 ft. Screened intervals: 570–590, 295–315, 160–180, and 70–90 ft]

Depth (ft)		Description
From	To	
0	20	Sand, coarse; very well sorted; angular to subrounded; quartz, feldspar, hornblende, biotite; grayish orange (10YR 7/4)
20	40	Sand, coarse to very coarse; granules and pebbles; moderately sorted; angular to subrounded; grayish orange (10YR 7/4)
40	60	Sand, coarse to very coarse, granules and pebbles, with minor silt; moderately sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
60	80	Gravelly sand, coarse to very coarse, granules and pebbles; moderately sorted; angular to subrounded; grayish orange (10YR 7/4)
80	100	Sand, coarse to very coarse; well-sorted; angular to subrounded; grayish orange (10YR 7/4)
100	120	Gravelly sand, coarse to very coarse, granules and pebbles; moderately sorted; grayish orange (10YR 7/4)
120	140	Sand, coarse to very coarse, and some granules; well-sorted; angular to subrounded; grayish orange (10YR 7/4)
140	160	Sand, coarse to very coarse, and some granules, with minor silt; well-sorted; angular to subrounded; grayish orange (10YR 7/4)
160	180	Sandy gravel, granules to pebbles, and sand, coarse to very coarse; moderately sorted; angular to rounded; grayish orange (10YR 7/4)
180	200	Sandy gravel, granules to pebbles, mostly pebbles, and coarse to very coarse sand; well-sorted; angular to subrounded; grayish orange (10YR 7/4)
200	220	Silty sand, medium to coarse; moderately sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
220	240	Sand, medium to coarse, with some granules, minor silt; well-sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
240	270	Silty sand, medium to coarse, and some granules; well-sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
270	280	Sandy silt, medium to coarse, with some small pebbles; moderately sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
280	300	Sandy silt, medium to very coarse, with some granules; moderately sorted; angular rock chips to subrounded sand; moderate yellowish brown (10YR 5/4)
300	320	Silty sand, medium to coarse, with some small pebbles; moderately sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
320	340	Silty sand, medium to very coarse; angular to rounded; moderate yellowish brown (10YR 5/4)
340	360	Silty sand, medium to very coarse, with minor gravel, minor clay; moderately sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
360	380	Silty sand, medium to very coarse; moderately sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
380	400	Silty sand, medium to very coarse; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
400	420	Silty sand, medium to very coarse, with some clay; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
420	440	Silty sand, fine to coarse, with some clay; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
440	540	Silty sand, fine to very coarse, with some clay; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
540	560	Silty sand, fine to very coarse, with minor clay; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
560	580	Silty sand, fine to very coarse, with some clay; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
580	600	Silty sand, fine to coarse, with minor clay; moderately sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)



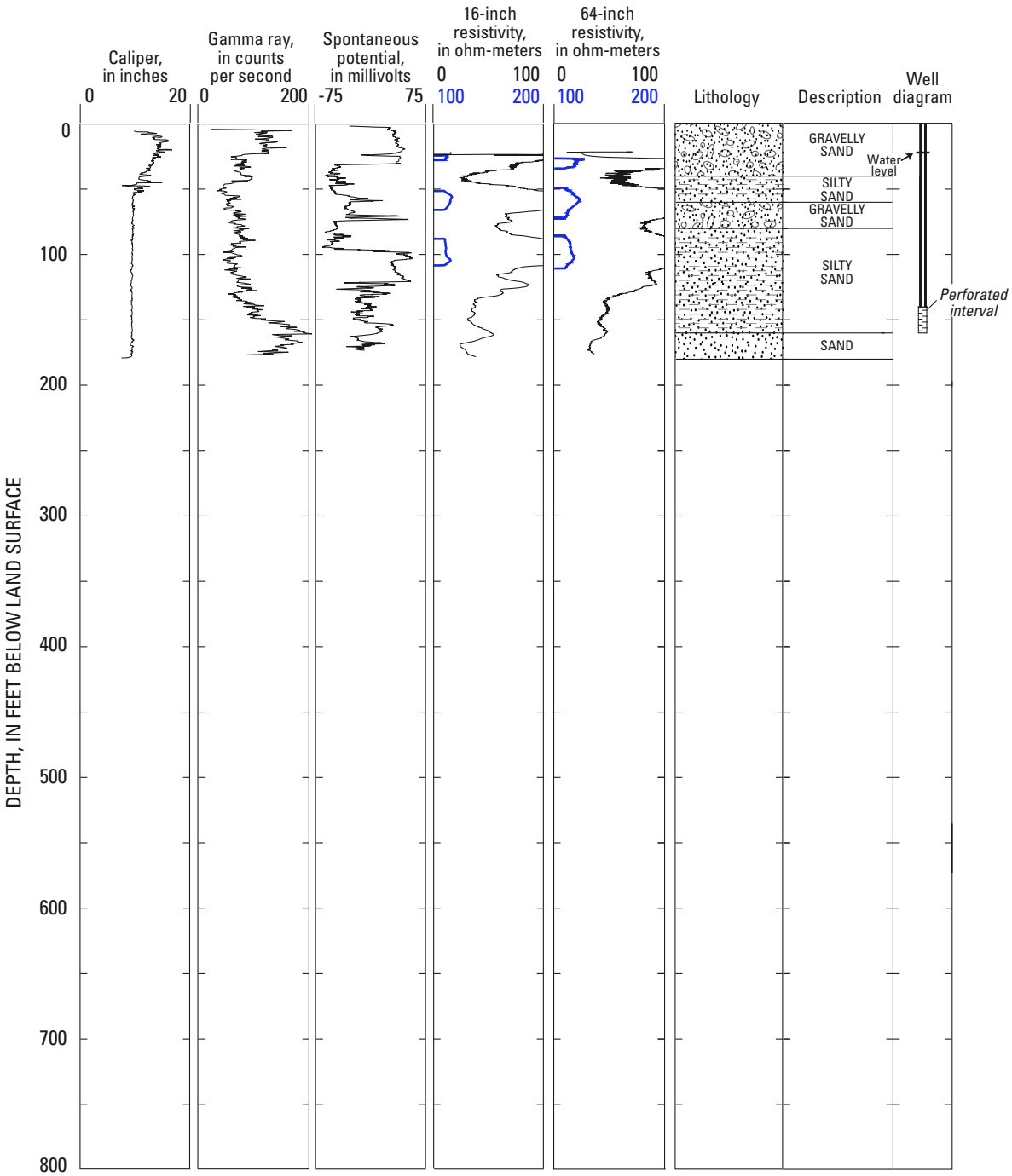
Note: Some lithologic units may have been combined for presentation in this figure and the lithologic description may not correspond exactly to the description in the lithologic log shown in table.

Figure D7. Geophysical logs, lithology, and well diagram for multiple-well monitoring site MC-4 (wells 9N/1W-11K12–15) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table D8. Lithologic log for monitoring site F-2 (well 9N/2W-2E1) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,140 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by U.S. Geological Survey using mud rotary, February 1993. Total depth drilled 180 ft. Screened interval: 140–160 ft]

Depth (ft)		Description
From	To	
0	40	Gravelly sand, fine to very coarse, granules and small pebbles; poorly sorted; angular to subrounded; grayish orange (10YR 7/4)
40	60	Silty sand, very fine to very coarse, with trace gravel; poorly sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
60	80	Gravelly sand, fine to very coarse, with granules and pebbles; poorly sorted; angular to subangular; dark yellowish brown (10YR 4/2)
80	100	Sandy silt, very fine to very coarse; poorly sorted; angular to subrounded; pale yellowish orange (10YR 8/6)
100	130	Silty sand, very fine to very coarse; poorly sorted; angular to subrounded; dark yellowish orange (10YR 6/6)
130	140	Silty sand, very fine to very coarse; poorly sorted; angular to subangular; dark yellowish orange (10YR 6/6)
140	160	Silty sand, very fine to very coarse, with minor clay; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
160	180	Sand, fine to very coarse, skewed toward fine, some silt; poorly sorted; subrounded to angular; moderate yellowish brown (10YR 5/4)



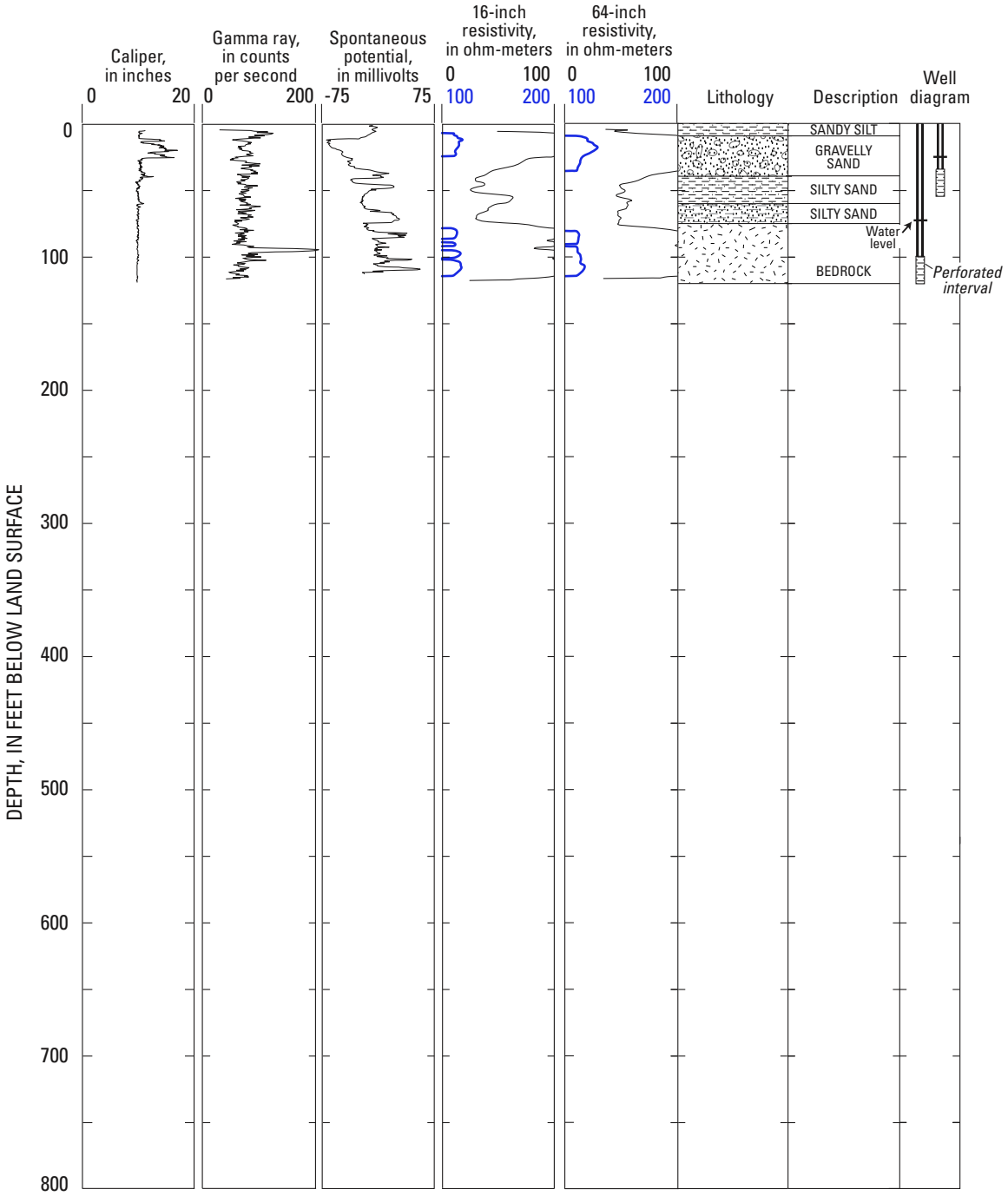
Note: Some lithologic units may have been combined for presentation in this figure and the lithologic description may not correspond exactly to the description in the lithologic log shown in table.

Figure D8. Geophysical logs, lithology, and well diagram for monitoring site F-2 (well 9N/2W-2E1) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table D9. Lithologic log for multiple-well monitoring site F-1 (wells 9N/2W-3A1 and 2) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,139 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by U.S. Geological Survey using mud rotary, February 1993. Total depth drilled 120 ft. Screened intervals: 100–120, 35–55 ft]

Depth (ft)		Description
From	To	
0	10	Sandy silt, very fine to medium, with silt and some clay; poorly sorted; subangular to subrounded; olive gray (5Y 3/2)
10	40	Gravelly sand, coarse to very coarse, with some granules to small pebbles; moderately sorted; subangular to rounded; quartz, rock fragments, biotite; light olive gray (5Y 5/2)
40	60	Sandy, clayey silt, medium to very coarse; poorly sorted; angular to subangular; moderate yellowish brown (10YR 5/4)
60	75	Silty sand, medium to very coarse, with some gravel and silt; poorly sorted; subangular to subrounded; light olive gray (5Y 5/2)
75	120	Bedrock, decomposed granite, with some clay, medium to very coarse sand fragments; poorly sorted; angular; pale olive (10Y 6/2) to light olive gray (5Y 5/2)



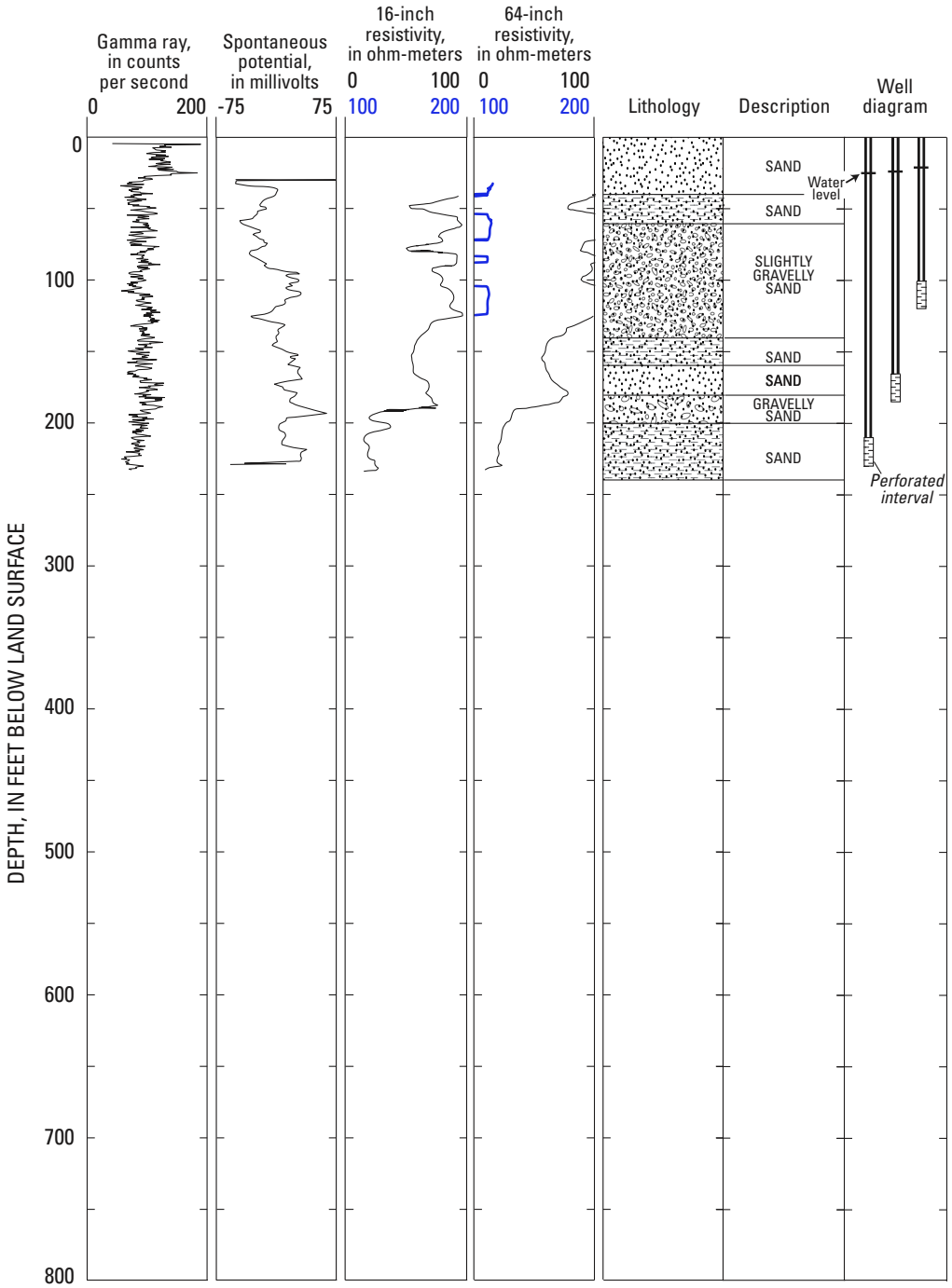
Note: Some lithologic units may have been combined for presentation in this figure and the lithologic description may not correspond exactly to the description in the lithologic log shown in table.

Figure D9. Geophysical logs, lithology, and well diagram for multiple-well monitoring site F-1 (wells 9N/2W-3A1 and 2) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table D10. Lithologic log for multiple-well monitoring site F-3 (wells 9N/2W-3E1–3) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,150 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by U.S. Geological Survey using mud rotary, February 1993. Total depth drilled 240 ft. Screened intervals: 210–230, 165–185, and 100–120 ft]

Depth (ft)		Description
From	To	
0	20	Sand, coarse to very coarse; well-sorted; angular to subrounded; grayish orange (10YR 7/4)
20	40	Sand, coarse to very coarse, minor gravel; well-sorted; angular to subrounded; grayish orange (10YR 7/4)
40	60	Silty sand, minor gravel, trace clay, coarse to very coarse, granules and pebbles; well-sorted; angular to subrounded; grayish orange (10YR 7/4)
60	80	Sand, fine to very coarse; poorly sorted; angular to subrounded; grayish orange (10YR 7/4)
80	100	Sand, fine to very coarse, some gravel, granules and pebbles; well-sorted; angular to subrounded; grayish orange (10YR 7/4)
100	120	Sand, fine to very coarse; poorly sorted; angular to subrounded; grayish orange (10YR 7/4)
120	140	Sand, fine to very coarse, some gravel, poorly sorted; angular to subrounded; granules, well-sorted; angular; grayish orange (10YR 7/4)
140	160	Silty sand, very fine to very coarse; very poorly sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
160	180	Sand, fine to coarse; moderately sorted; angular to subrounded; pale yellowish brown (10YR 6/2)
180	200	Gravelly sand, medium to very coarse, gravel, granules; moderately sorted; angular to subangular; grayish orange (10YR 7/4)
200	220	Silty sand, fine to very coarse; poorly sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
220	240	Silty sand, fine to coarse, some clay; poorly sorted; angular to subrounded; good cohesion, low to moderate plasticity



Note: Some lithologic units may have been combined for presentation in this figure and the lithologic description may not correspond exactly to the description in the lithologic log shown in table.

Figure D10. Geophysical log, lithology, and well diagram for multiple-well monitoring site F-3 (wells 9N/2W-3E1–3) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table D11. Lithologic log for monitoring site Lenwood 5 (well 9N/2W-6H6) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,180 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by U.S. Geological Survey using air percussion, April 1994. Total depth drilled 100 ft. Screened interval: 95–99 ft]

Depth (ft)		Description
From	To	
0	10	Sand, medium to very coarse, moderately sorted; angular biotite to rounded quartz; moderate yellowish brown (10YR 5/4)
10	20	Silty sand, very fine to coarse, skewed toward fine; very well-sorted; angular biotite and muscovite to rounded quartz; dark yellowish brown (10YR 4/2)
19	20	**CORE**: Sand, very fine to medium, with trace clay; moderately well sorted; subrounded to well-rounded; moderate yellowish brown (10YR 5/2) 2-inch clay layer at 19 1/2 feet; dark yellowish brown (10YR 4/2)
20	30	Sand, medium to coarse; angular to rounded; moderately sorted; dark yellowish brown (10YR 4/2)
30	40	Sand, medium to coarse; angular to rounded; moderate yellowish brown (10YR 5/4)
38	40	**CORE**: Sand, very fine to coarse, trace clay; poorly sorted; rounded to subangular; grayish orange (10YR 7/4); clay; no distinct layer, clay smears outside core tube; dark yellowish brown (10YR 4/2)
40	50	Silty sand, medium to very coarse; angular to rounded; moderate yellowish brown (10YR 5/4)
50	60	Sand, medium to very coarse, some silt; moderately sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
60	70	Sand, medium to very coarse, some silt; moderately sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
70	80	Sand, coarse to very coarse, some gravel, trace silt; angular to rounded; well-sorted; gravel, granules to pebbles; moderately sorted; angular to subrounded; dark yellowish orange (10YR 6/6)
79	80	**CORE**: Silty sand, very fine to medium; moderately well-sorted; well-rounded to subangular; moderate yellowish brown (10YR 5/4)
80	90	Sand, some gravel, coarse to very coarse; well-sorted; angular to rounded; gravel, pebbles; well-sorted; subangular to subrounded; dark yellowish orange (10YR 6/6)
90	100	Sand, coarse to very coarse; well-sorted; subrounded to well-rounded; dark yellowish orange (10YR 6/6)

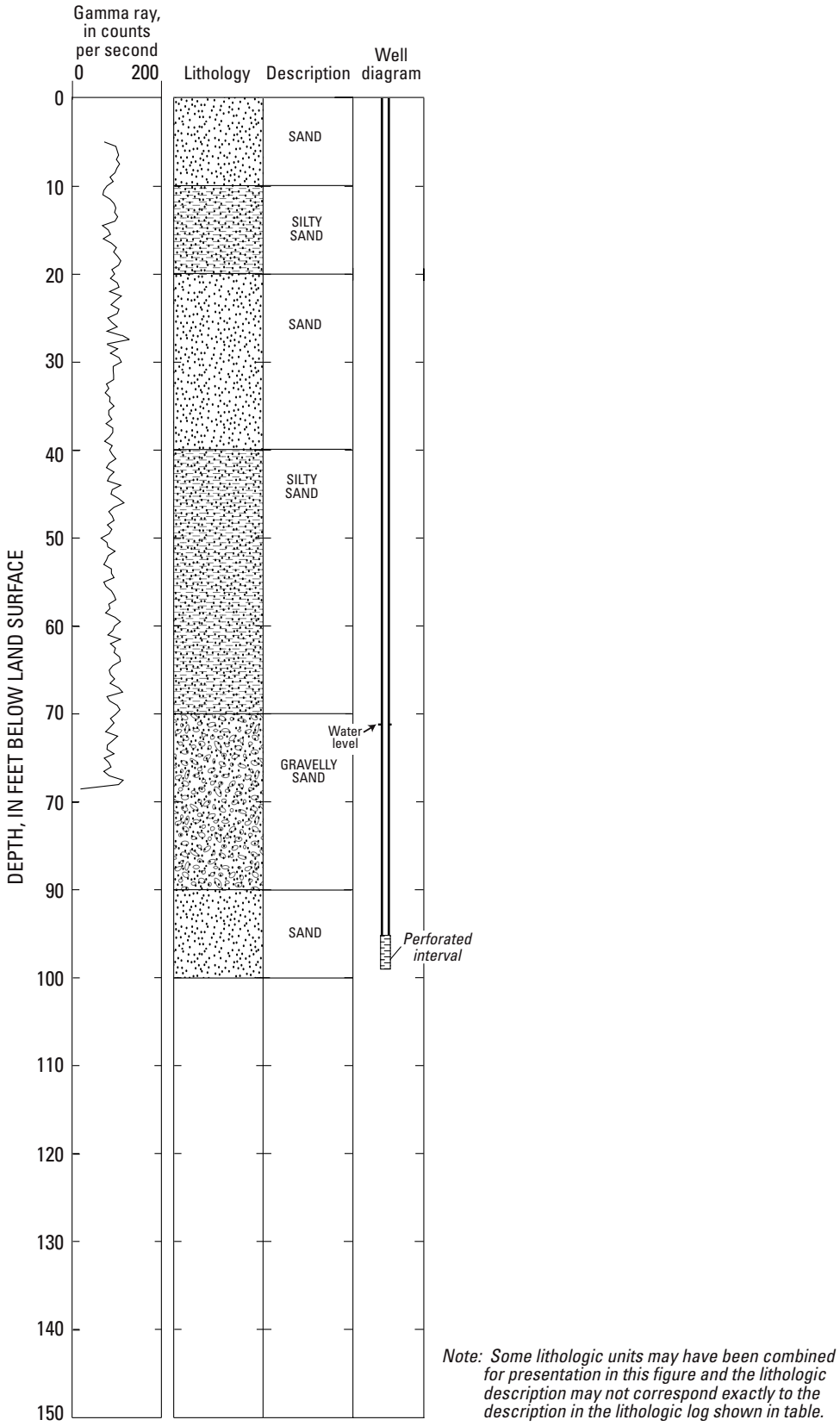
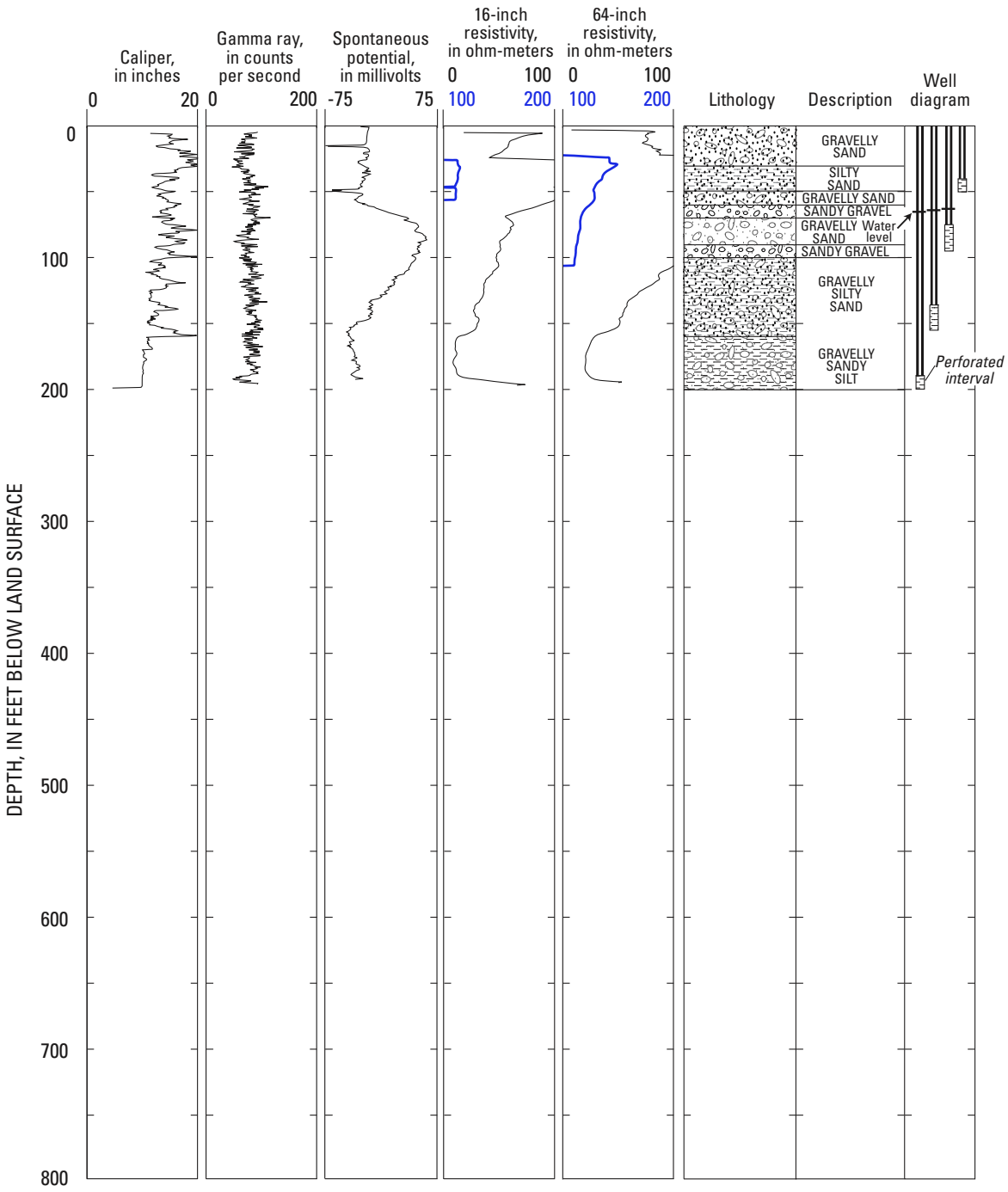


Figure D11. Geophysical log, lithology, and well diagram for monitoring site Lenwood 5 (well 9N/2W-6H6) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table D12. Lithologic log for multiple-well monitoring site Lenwood 1 (wells 9N/2W-6L11–14) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,185 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by U.S. Geological Survey using mud rotary, April 1994. Total depth drilled 200 ft. Screened intervals: 190–200, 135–155, 75–95, and 40–50 ft]

Depth (ft)		Description
From	To	
0	10	Sand, coarse to very coarse; well-sorted; subrounded to well-rounded; minor gravel, granules and pebbles; subrounded; biotite, muscovite, quartz, feldspar; dark yellowish orange (10YR 6/6)
10	20	Sand, coarse to very coarse, some gravel; well-sorted; well-sorted to subangular; gravel, granules; well-sorted; subrounded; quartz, feldspar, muscovite, biotite; dark yellowish orange (10YR 6/6)
20	30	Sand, medium to very coarse, some gravel; well-sorted; gravel, granules and pebbles; moderately sorted; subrounded to subangular; dark yellowish orange (10YR 6/6)
30	40	Silty sand, medium to very coarse, some gravel; moderately sorted; subangular to rounded; gravel, granules and pebbles; moderately sorted; angular to subrounded; quartz, potassium feldspar, biotite, hornblende; moderate yellowish brown (10YR 5/4)
40	50	Silty sand, medium to very coarse, some gravel; moderately sorted; angular to rounded; gravel, granules and pebbles; moderately sorted; subrounded to subangular; quartz, potassium feldspar, biotite, hornblende; moderate yellowish brown (10YR 5/4)
50	60	Sand, fine to very coarse, some gravel; moderately sorted; angular to rounded; gravel, granules and pebbles; moderately sorted; angular rock chips to rounded; moderate yellowish brown (10YR 5/4)
60	70	Sandy gravel, pebbles with minor granules; well-sorted; angular to subrounded; medium to very coarse sand; moderately sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
70	80	Gravelly sand, medium to very coarse; angular to rounded; moderately sorted; gravel, granules and some pebbles; angular to subrounded; dark yellowish orange (10YR 6/6)
80	90	Gravelly sand, medium to very coarse; moderately sorted; angular biotite to rounded quartz; granules and pebbles; angular to subrounded; dark yellowish orange (10YR 6/6)
90	100	Sandy gravel, pebbles with some granules, some silt; moderately sorted; angular to rounded; medium to very coarse sand; moderately sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
100	120	Silty sand, medium to very coarse, some gravel; rounded to angular; gravel, granules, and pebbles; rounded to angular; moderate yellowish brown (10YR 5/4)
120	140	Sand, medium to very coarse, some gravel, some silt; moderately sorted; rounded to angular; moderately sorted; gravel, granules and pebbles; angular to subrounded; moderate yellowish brown (10YR 5/4)
140	160	Silty sand, medium to very coarse, some gravel, minor clay; rounded to angular; gravel, granules and pebbles; subangular to subrounded; moderate yellowish brown (10YR 5/4)
160	180	Sandy silt, some gravel, silt; fair cohesion, low plasticity, sand; very fine to very coarse; poorly sorted; rounded to angular; gravel, granules; well-sorted; angular rock chips; pale yellowish brown (10YR 6/2)
180	200	Sandy silt, some gravel; good cohesion, low plasticity, no organics; sand, very fine to very coarse but skewed toward fine; moderately sorted; rounded to angular; gravel, granules, well-sorted; angular to subrounded; pale yellowish brown (10YR 6/2)



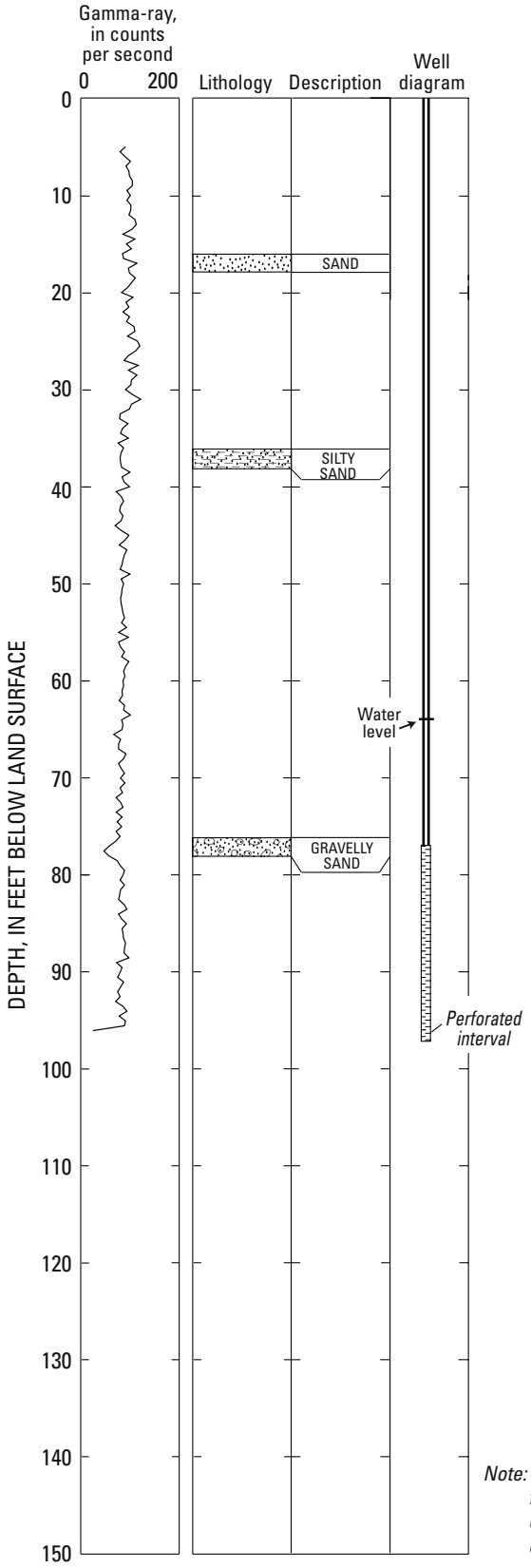
Note: Some lithologic units may have been combined for presentation in this figure and the lithologic description may not correspond exactly to the description in the lithologic log shown in table.

Figure D12. Geophysical logs, lithology, and well diagram for multiple-well monitoring Lenwood 1 (wells 9N/2W-6L11–14) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table D13. Lithologic log for monitoring site Lenwood 2 (well 9N/2W-6M7) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,189 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by U.S. Geological Survey using under-reamer method, April 1994. Total depth drilled 97 ft. Screened interval: 77–97 ft]

Depth (ft)		Description
From	To	
		CORES:
16	18	Sand, with some gravel, some silt; sand, fine to very coarse; poorly sorted; angular to subrounded; gravel, granules to pebbles; subangular to subrounded; grayish orange (10YR 7/4)
36	38	Silty sand, with trace of clay; sand, very fine to fine; well-sorted; subrounded; 2-inch clay layer at 36.5 feet; moderate yellowish brown (10YR 5/4)
76	78	Sand, with some gravel; sand, fine to very coarse; poorly sorted; angular to subrounded; gravel, granules; subrounded; very pale orange (10YR 8/2)



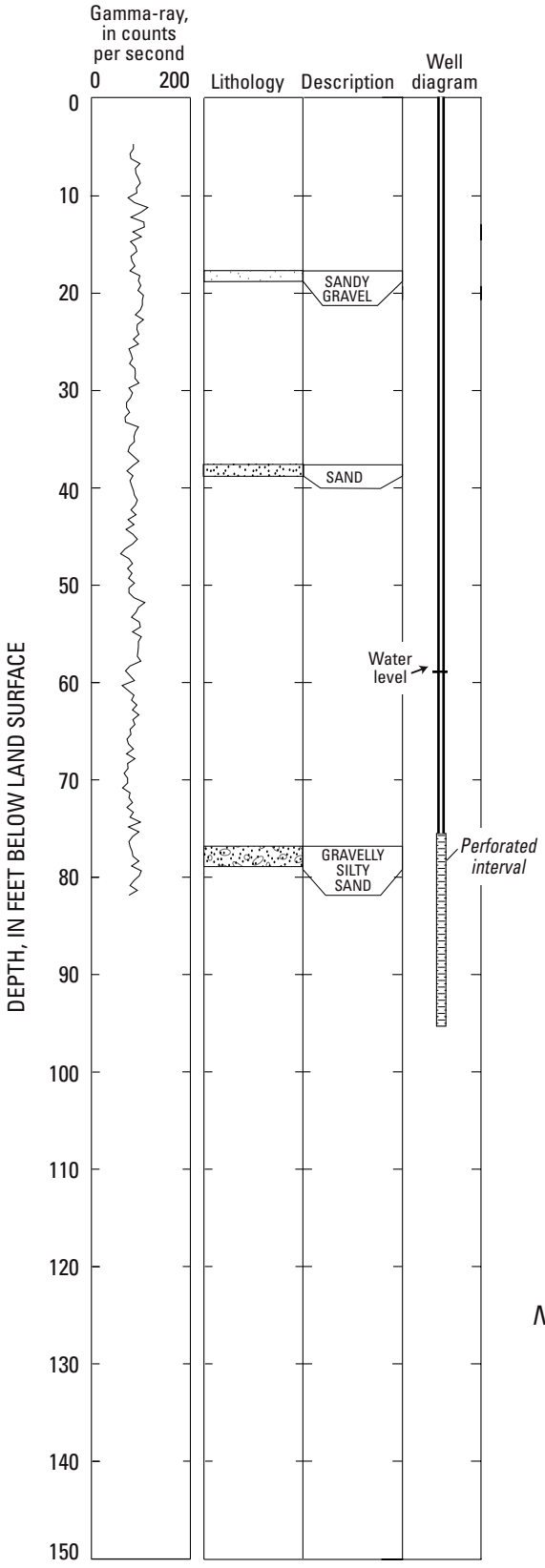
Note: Some lithologic units may have been combined for presentation in this figure and the lithologic description may not correspond exactly to the description in the lithologic log shown in table.

Figure D13. Geophysical log, lithology, and well diagram for monitoring site Lenwood 2 (well 9N/2W-6M7) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table D14. Lithologic log for monitoring site Lenwood 3 (well 9N/2W-6P1) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,184 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by U.S. Geological Survey using under-reamer method, April 1994. Total depth drilled 97 ft. Screened interval: 75.5–95.5 ft]

Depth (ft)		Description
From	To	
		CORES:
18	19	Sandy gravel, granules to pebbles; sand, very fine to very coarse; poorly sorted; subrounded to subangular; grayish orange (10YR 7/4)
38	39	Sand, very fine to very coarse; poorly sorted; subangular to rounded; moderate yellowish brown (10YR 5/4)
77	79	Silty sand with some gravel; sand, very fine to very coarse; moderately well sorted; subrounded to subangular; gravel, granules to pebbles; dark yellowish brown (10YR 6/6)



Note: Some lithologic units may have been combined for presentation in this figure and the lithologic description may not correspond exactly to the description in the lithologic log shown in table.

Figure D14. Geophysical log, lithology, and well diagram for monitoring site Lenwood 3 (well 9N/2W-6P1) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table D15. Lithologic log for monitoring site Lenwood 4 (well 9N/2W-6P2) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,187 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by U.S. Geological Survey using under-reamer method, April 1994. Total depth drilled 100 ft. Screened interval: 74–94 ft]

Depth (ft)		Description
From	To	
0	10	Gravelly sand, medium to very coarse, well-rounded to angular; gravel, granules; well-sorted; angular to subrounded; dark yellowish orange (10YR 6/6)
10	20	Gravelly sand, fine to very coarse; rounded to angular; moderately sorted; gravel, granules; well-sorted; angular rock chips to subrounded clasts; dark yellowish orange (10YR 6/6)
18	19	**CORE**: Silty sand, very fine to very coarse; poorly sorted; angular to subrounded; grayish orange (10YR 7/4)
20	30	Gravelly sand, medium to very coarse; moderately sorted; well-rounded to angular; gravel, granules; well-sorted; subrounded; dark yellowish orange (10YR 6/6)
30	40	Sand, coarse to very coarse; well-sorted; well-rounded to angular; dark yellowish orange (10YR 6/6)
37	39	**CORE**: Gravelly sand, fine to very coarse; poorly sorted; subangular to rounded; gravel, granules and pebbles; grayish olive (10Y 4/2)
40	50	Silt, some clay, trace gravel, good cohesion, moderate plasticity, homogeneous; gravel, small pebbles; rounded; well-sorted; dark yellowish brown (10YR 4/2)
50	60	Gravelly silty sand, fine to very coarse; rounded to angular; gravel, granules and pebbles; subrounded to angular; moderate yellowish brown (10YR 5/4)
60	70	Gravelly sand, medium to very coarse, some silt; moderately well-sorted; rounded to angular; gravel, granules to pebbles; poorly sorted; subrounded to angular; moderate yellowish brown (10YR 5/4)
70	80	Silty gravel, pebbles; well-sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
77	79	**CORE**: Gravelly sand, fine to very coarse; poorly sorted; subrounded to subangular; gravel, granules and pebbles; moderate yellowish brown (10YR 5/4)
80	90	Sandy gravel, some silt; gravel, granules and pebbles; angular to subrounded; sand, coarse to very coarse, subrounded to angular; dark yellowish orange (10YR 6/6)
90	100	Silty sand, medium to very coarse, minor gravel, high silt content; moderately sorted; rounded to angular; minor gravel, granules; well-sorted; subrounded; moderate yellowish brown (10YR 5/4)

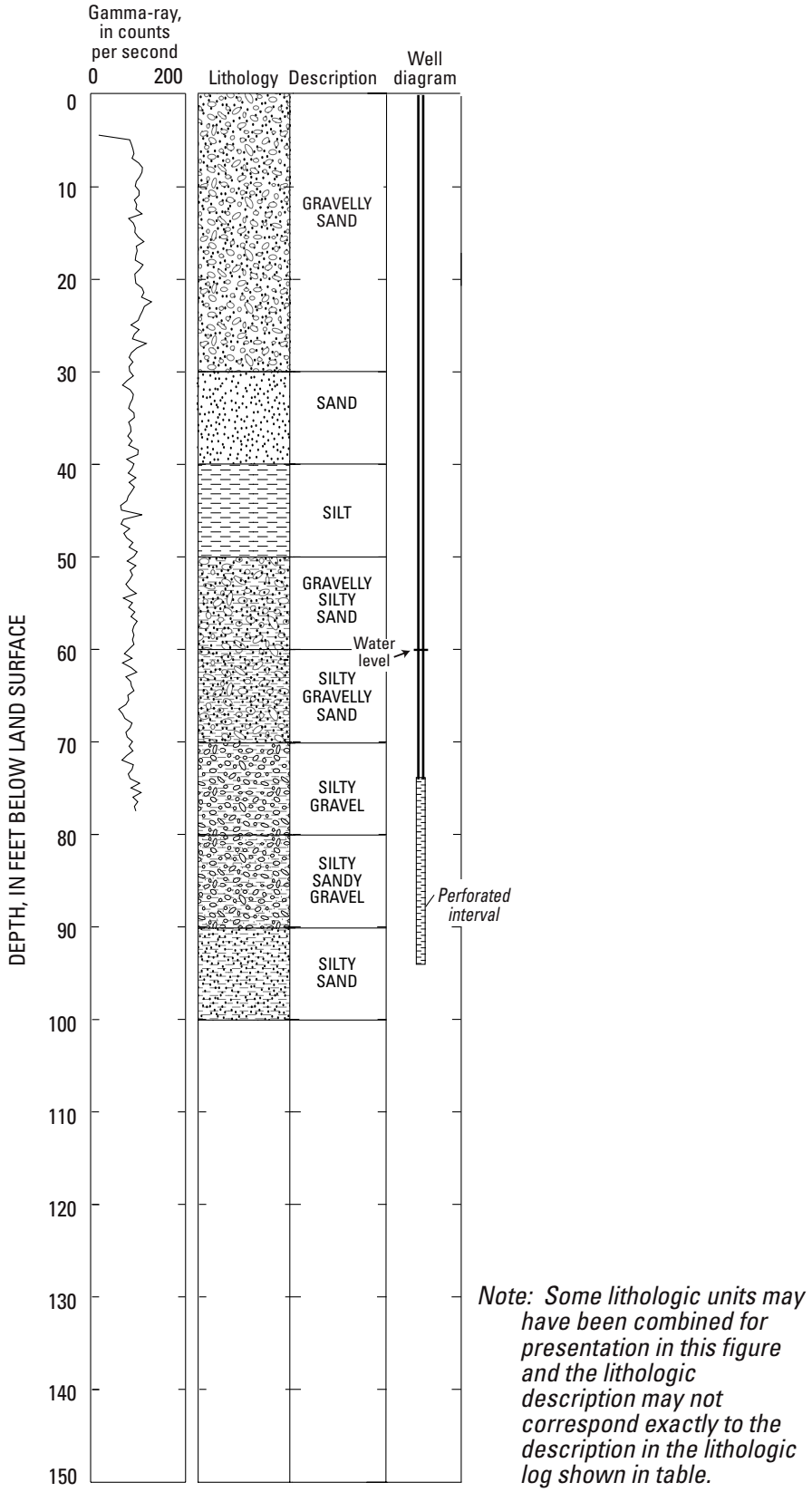


Figure D15. Geophysical log, lithology, and well diagram for monitoring site Lenwood 4 (well 9N/2W-6P2) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

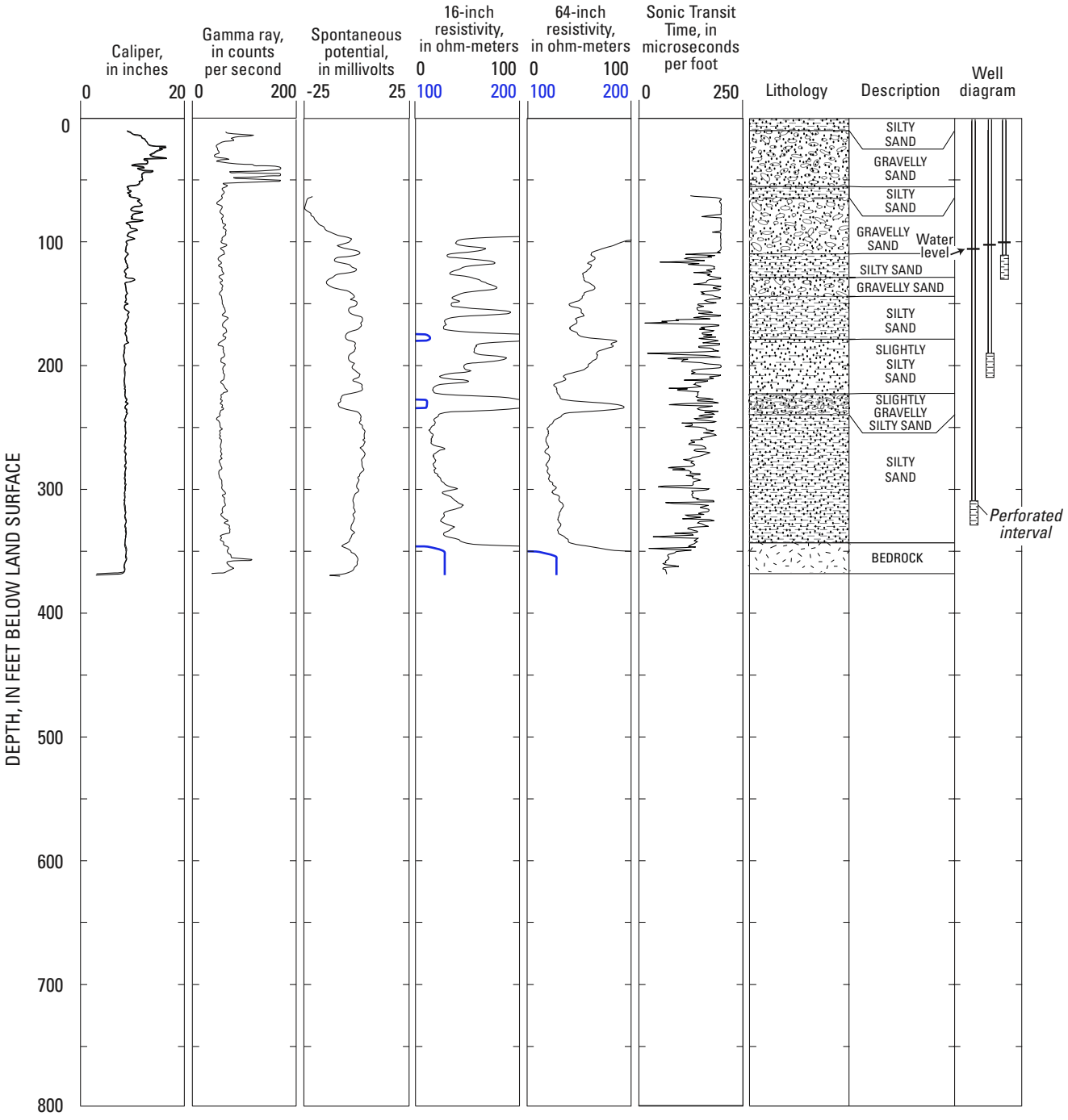
Table D16. Lithologic log for multiple-well monitoring site Vernola 1 (wells 9N/3W-1R5–7) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,195 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by U.S. Geological Survey using mud rotary, March 1992. Total depth drilled 370 ft. Screened intervals: 310–330, 190–210, and 110–130 ft]

Depth (ft)		Description
From	To	
0	10	Sand, fine to medium, with silt; well-sorted; rounded; quartz, biotite; dark yellowish brown (10YR 4/2)
10	20	Sand, coarse to medium, with small pebbles; poorly sorted; subangular to rounded; quartz, rock fragments, biotite; moderate yellowish brown (10YR 5/4)
20	30	Sand, very coarse to medium, and gravel, small pebbles; poorly sorted; subangular to subrounded; quartz, rock fragments, biotite; moderate yellowish brown (10YR 5/4)
30	40	Sand, coarse to fine, with some small pebbles; poorly sorted; subangular to subrounded; quartz, biotite; moderate yellowish brown (10YR 5/4)
40	55	Sand, very coarse to medium, and gravel, small pebbles; poorly sorted; subangular to subrounded; quartz, biotite; moderate yellowish brown (10YR 5/4)
55	65	Clayey silty sand, fine with some granules; poorly sorted; subangular to subrounded; biotite; pale yellowish brown (10YR 6/2)
65	70	Sand, coarse to medium, with small pebbles; poorly sorted; subangular to rounded; quartz, biotite, rock fragments; moderate yellowish brown (10YR 5/4)
70	80	Sand, coarse to medium, and gravel, small pebbles; poorly sorted; subangular to subrounded; quartz; moderate yellowish brown (10YR 5/4)
80	90	Sand, very coarse to fine, with small pebbles; poorly sorted; subangular to subrounded; quartz, biotite; moderate yellowish brown (10YR 5/4)
90	100	Sand, coarse to fine, with granules; poorly sorted; subangular to subrounded; quartz, biotite; moderate yellowish brown (10YR 5/4)
100	110	Sand, fine to coarse, with some very coarse grains; moderately sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
110	120	Silty sand, coarse to very coarse, with clay; poorly sorted; subangular to subrounded; quartz, biotite; moderate yellowish brown (10YR 5/4)
120	125	Silty sand, coarse with clay, some granules; very poorly sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
125	140	Sand, coarse to medium, with granules; moderately sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
140	150	Silty sand, fine to medium, with clay; moderately sorted; subangular to subrounded; quartz, biotite; moderate yellowish brown (10YR 5/4)
150	160	Silty sand, fine to medium, with clay; moderately sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
160	170	Silty sand, fine to medium, with clay; poorly sorted; subangular to subrounded; quartz, biotite; moderate yellowish brown (10YR 5/4)
170	175	Silty sand, fine to medium, with clay; poorly sorted; subangular to subrounded; quartz, biotite; moderate yellowish brown (10YR 5/4)
175	190	Clayey sand, medium to very coarse; poorly sorted; subangular to subrounded; quartz; light brown (5YR 5/6)
190	200	Clayey sand, medium to very coarse; poorly sorted; subangular to subrounded; light brown (5YR 5/6)
200	210	Clayey sand, medium to very coarse; poorly sorted; subangular to subrounded; quartz, biotite; light brown (5YR 5/6)
210	220	Clayey sand, medium to very coarse; poorly sorted; subangular to subrounded; light brown (5YR 5/6)
220	230	Clayey sand, medium to very coarse, with small pebbles; poorly sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)

Table D16. Lithologic log for multiple-well monitoring site Vernola 1 (wells 9N/3W-1R5–7) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Depth (ft)		Description
From	To	
230	240	Clayey sand, coarse to very coarse, with small pebbles; poorly sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
240	260	Clayey sand, medium to fine, with some granules; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
260	280	Clayey sand, coarse to fine, with some small pebbles; poorly sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
280	320	Clayey sand, coarse to medium, with some small pebbles; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
320	340	Clayey sand, medium to fine, with some small pebbles; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
340	345	Clayey sand, coarse to medium, with medium pebbles; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
345	370	Bedrock, angular to subangular fragments, granite



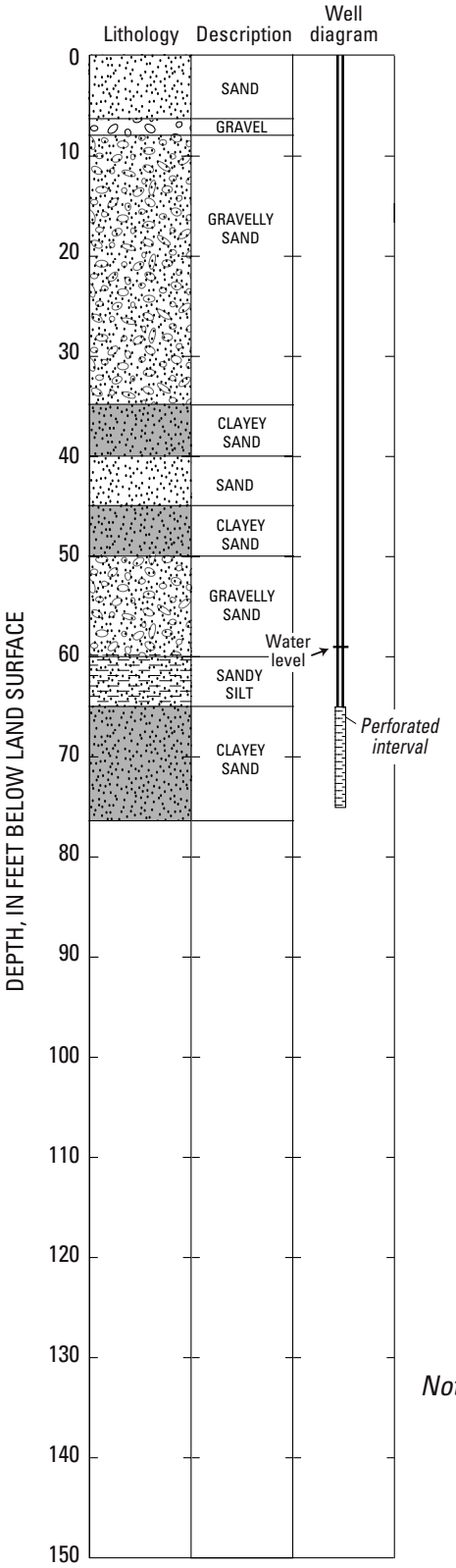
Note: Some lithologic units may have been combined for presentation in this figure and the lithologic description may not correspond exactly to the description in the lithologic log shown in table.

Figure D16. Geophysical logs, lithology, and well diagram for multiple-well monitoring Vernola 1 (wells 9N/3W-1R5–7) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table D17. Lithologic log for monitoring site B-7 (well 9N/3W-14N1) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,222 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by Spectrum Exploration using auger, June 1997. Total depth drilled 76.5 ft. Screened interval: 65–75 ft]

Depth (ft)		Description
From	To	
		(Log furnished by Kleinfelder)
0	6.5	Sand, light brownish gray (10YR 6/2), dry, very dense, fine to medium, few coarse sand grains, very few fine gravel grains
6.5	8	Gravel
8	15	Gravelly sand, pale brown (10YR 6/3), dry, very dense, fine to coarse sand, fine gravel
15	20	Sand, brown (7.5YR 5/4), dry to slightly moist, very dense, fine to coarse sand, fine gravel, minor silt
20	25	Gravelly sand, brown (10YR 5/3), slightly moist, very dense, fine to coarse sand, fine to coarse gravel up to 1-inch diameter, some silt
25	30	Sand, yellowish brown (10YR 5/4), slightly moist, very dense, fine to coarse sand, some fine gravel
30	35	Sand with some gravel, brown (7.5YR 5/3), slightly moist, dense, fine to coarse sand, fine gravel
35	40	Sand with interbedded clay, brown (7.5YR 5/3), moist, dense, clay is thin bedded, fine to coarse sand, some fine gravel
40	45	Sand, light brownish gray (10YR 6/2), moist to very moist, very dense, fine to coarse sand, very few fine gravel grains
45	50	Sand with interbedded clay, light olive brown (2.5Y 5/3), very moist, medium dense, clay approximately 4 inches thick
50	55	Gravelly sand, grayish brown (10YR 5/2), very moist, very dense, fine to coarse sand, fine gravel
55	56.5	No description, hard drilling
56.5	60	Gravelly sand, grayish brown (10YR 5/2), very moist, very dense, fine to coarse sand, fine gravel
60	65	Sandy silt, light olive brown (2.5Y 5/3), very moist, hard, fine sand, slightly micaceous
65	70	Sand with some clay, brown (7.5YR 5/4), wet, very dense, fine to coarse sand, some silt clasts
70	76.5	Clayey sand, brown with light brown mottling (7.5YR 5/4), wet, very dense, mottling consists of calcium carbonate with sand nodules



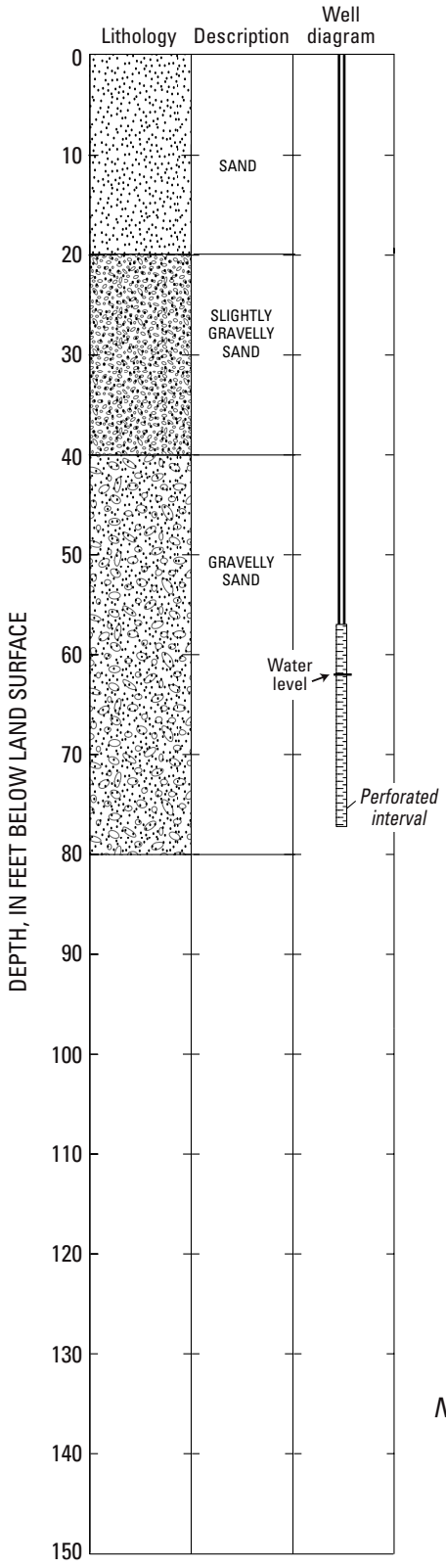
Note: Some lithologic units may have been combined for presentation in this figure and the lithologic description may not correspond exactly to the description in the lithologic log shown in table.

Figure D17. Lithology and well diagram for monitoring site B-7 (well 9N/3W-14N1) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table D18. Lithologic log for monitoring site Hodge-2 (well 9N/3W-23C1) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,223 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by U.S. Geological Survey using under-reamer method, November 1994. Total depth drilled 80 ft. Screened interval: 57–77 ft]

Depth (ft)		Description
From	To	
0	20	Sand, very fine to very coarse, skewed toward medium; moderately sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
20	40	Sand, fine to very coarse, skewed toward coarse, some granules; moderately sorted; angular to rounded; dark yellowish orange (10YR 6/6)
40	60	Sand, fine to very coarse, some granules and pebbles; moderately sorted; angular to rounded; dark yellowish orange (10YR 6/6)
60	80	Gravelly sand, medium to very coarse, skewed toward coarse; poorly sorted; angular to subrounded; dark yellowish orange (10YR 6/6)



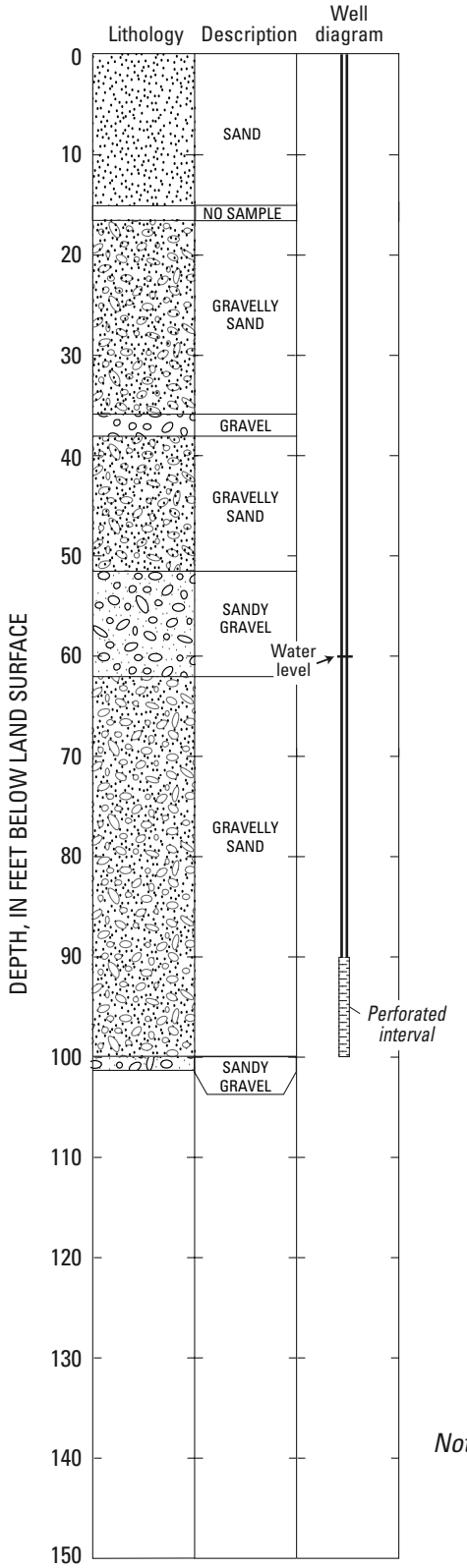
Note: Some lithologic units may have been combined for presentation in this figure and the lithologic description may not correspond exactly to the description in the lithologic log shown in table.

Figure D18. Lithology and well diagram for monitoring site Hodge-2 (well 9N/3W-23C1) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table D19. Lithologic log for monitoring site B-6 (well 9N/3W-23D2) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,225 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by Spectrum Exploration using auger, June 1997. Total depth drilled 101.5 ft. Screened interval: 90–100 ft]

Depth (ft)		Description
From	To	
		(Log furnished by Kleinfelder)
0	10	Sand, pinkish gray (7.5YR 7/2), dry, fine to coarse sand, some fine gravel
10	15	Sand, light brownish gray (10YR 6/2), dry, dense, fine to coarse sand, few gravel grains
15	16.5	No core recover; dense to very dense materials
16.5	25	Sand, light brownish gray (10YR 6/2), dry, very dense, fine to medium sand, some coarse sand, some fine to coarse gravel
25	30	Gravelly sand, brown (7.5YR 5/2), moist, very dense, fine to coarse grain, fine to coarse gravel, minor clay content
30	36	Gravelly sand, brown (7.5YR 5/2), moist, very dense, fine to coarse grain, fine to coarse gravel, same as above but no clay
36	38	Gravel
38	50	Gravelly sand, brown (10YR 5/3), moist, very dense, fine to coarse grain, fine to coarse gravel, no clay
50	51.5	Gravelly sand, brown (10YR 5/3), moist, very dense, fine to coarse grain, fine to coarse gravel, very minor silt/clay content
51.5	62	Sandy gravel, brown (10YR 5/3)
62	100	Gravelly sand
100	101.5	Sandy gravel, brown (10YR 5/3), wet, fine to coarse sand, fine gravel, assume very dense



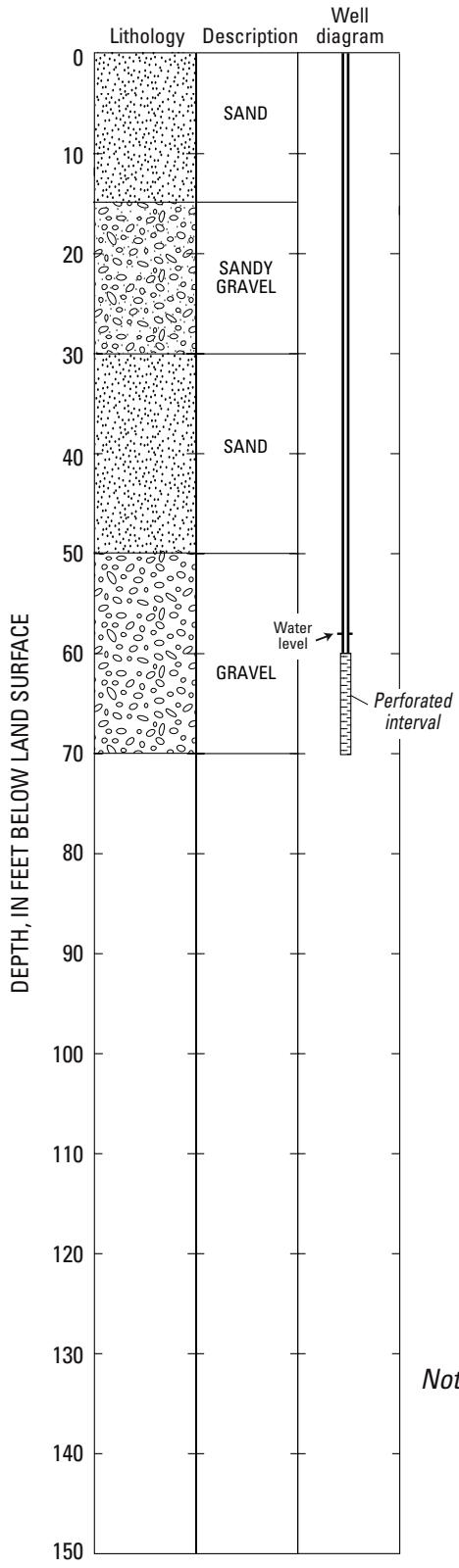
Note: Some lithologic units may have been combined for presentation in this figure and the lithologic description may not correspond exactly to the description in the lithologic log shown in table.

Figure D19. Lithology and well diagram for monitoring site B-6 (well 9N/3W-23D2) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table D20. Lithologic log for monitoring site B-4 (well 9N/3W-23D3) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,225 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by Spectrum Exploration using auger, June 1997. Total depth drilled 70 ft. Screened interval: 60–70 ft]

Depth (ft)		Description
From	To	
		(Log furnished by Kleinfelder)
0	11.5	Sand, light yellowish brown (2.5Y 6/3), dry, medium dense, fine to coarse sand, very few coarse gravel grains
11.5	15	Gravelly sand, grayish brown (10YR 5/2), slightly moist, very dense, fine to coarse sand, fine to coarse gravel
15	20	Sandy gravel, brown (10YR 5/3), very moist, some free water on sand grains, very dense, fine to coarse sand, fine to coarse gravel up to 2-inch diameter
20	25	Sandy gravel, grayish brown (10YR 5/2), very moist to wet, very dense, fine to coarse sand, fine to coarse gravel up to 2-inch diameter
25	30	Sandy gravel, grayish brown (10YR 5/2), very moist to wet, very dense, fine to coarse sand, fine to coarse gravel up to 1.5-inch diameter
30	45	Sand, grayish brown (10YR 5/2), very moist, very dense, fine to coarse sand, some fine gravel
45	50	Gravelly sand, grayish brown (10YR 5/2), moist to very moist, very dense, fine to coarse sand, fine gravel
50	70	Gravel, grayish brown (10YR 5/2), very moist, very dense, fine to coarse gravel



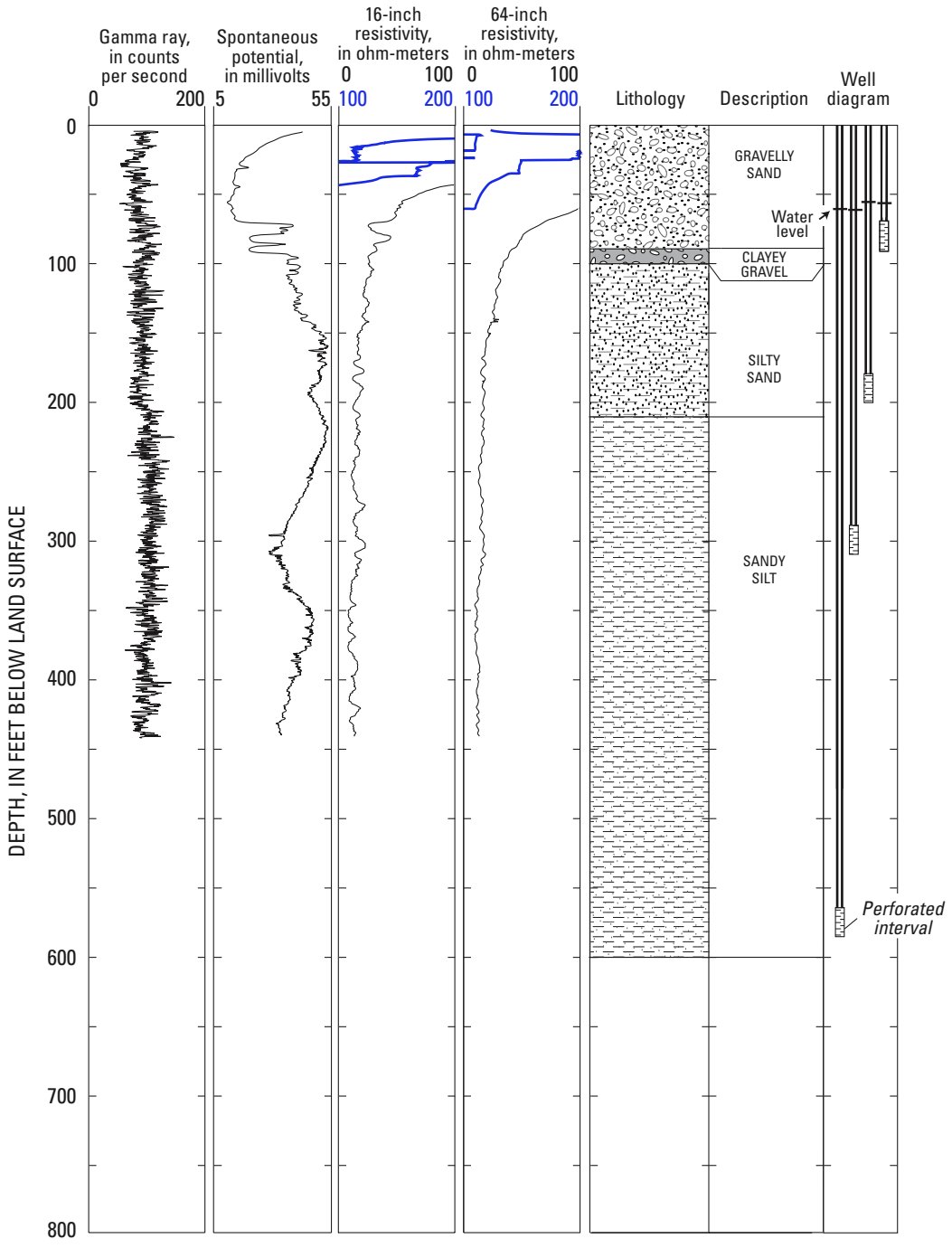
Note: Some lithologic units may have been combined for presentation in this figure and the lithologic description may not correspond exactly to the description in the lithologic log shown in table.

Figure D20. Lithology and well diagram for monitoring site B-4 (well 9N/3W-23D3) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table D21. Lithologic log for multiple-well monitoring site Hodge-1 (wells 9N/3W-23F1–4) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,227 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by U.S. Geological Survey using mud rotary, November 1994. Total depth drilled 600 ft. Screened intervals: 565–585, 290–310, 180–200, 70–90 ft]

Depth (ft)		Description
From	To	
0	20	Gravelly sand, very fine to very coarse, skewed toward coarse; poorly sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
20	40	Gravelly sand, very fine to very coarse, skewed toward coarse; poorly sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
40	60	Sandy gravel, granules and pebbles, very fine to very coarse sand; skewed toward coarse; poorly sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
60	80	Gravelly sand, very fine to very coarse, skewed toward coarse; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
80	100	Clayey gravel, some sand, very fine to very coarse; poorly sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
100	120	Silty sand, very fine to very coarse, some clay, some granules; poorly sorted; angular to rounded; grayish orange (10YR 7/4)
120	140	Silty gravel, pebbles and granules, some sand, very fine to very coarse; poorly sorted; angular to rounded; dark yellowish brown (10YR 4/2)
140	160	Silty sand, very fine to very coarse, some pebbles; poorly sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
160	180	Silty sand, very fine to very coarse, some granules and pebbles; poorly sorted; angular to rounded; dark yellowish brown (10YR 4/2)
180	200	Silty sand, very fine to very coarse, skewed toward fine, some pebbles, minor clay; poorly sorted; angular to rounded; dark yellowish brown (10YR 4/2)
200	220	Silty sand, very fine to coarse, some pebbles, some clay; poorly sorted; subangular to rounded; dark yellowish brown (10YR 4/2)
220	240	Sandy silt, very fine to very coarse, some clay; poorly sorted; subangular to subrounded; dark yellowish brown (10YR 4/2)
240	320	Sandy silt, very fine to very coarse, some clay; poorly sorted; subangular to rounded; dark yellowish brown (10YR 4/2)
320	440	Sandy silt, very fine to very coarse, some clay; poorly sorted; subangular to subrounded; dark yellowish brown (10YR 4/2)
440	560	Sandy silt, very fine to very coarse, some clay; poorly sorted; subangular to rounded; dark yellowish brown (10YR 4/2)
560	580	Clayey silt, some sand, very fine to very coarse; poorly sorted; subangular to subrounded; moderate brown (5YR 4/4)
580	600	Clayey silt, some sand, very fine to very coarse; poorly sorted; subangular to rounded; moderate brown (5YR 4/4)



Note: Some lithologic units may have been combined for presentation in this figure and the lithologic description may not correspond exactly to the description in the lithologic log shown in table.

Figure D21. Geophysical logs, lithology, and well diagram for multiple-well monitoring Hodge-1 (wells 9N/3W-23F1–4) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table D22. Lithologic log for monitoring site Hodge-3 (well 9N/3W-23H1) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,236 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by U.S. Geological Survey using under-reamer method, November 1994. Total depth drilled 97 ft. Screened interval: 73–93 ft]

Depth (ft)		Description
From	To	
0	10	Sand, very fine to very coarse, skewed toward fine, some silt; moderately sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
10	20	Silty sand, very fine to very coarse, skewed toward fine; moderately sorted; angular to subrounded; pale yellowish brown (10YR 6/2)
20	30	Silty sand, very fine to very coarse, skewed toward fine; moderately well-sorted; angular to rounded; dark yellowish brown (10YR 4/2)
30	40	Silty sand, very fine to very coarse, even grain-size distribution; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
40	50	Silty sand, very fine to very coarse, skewed toward fine; moderately well sorted; angular to subrounded; pale yellowish brown (10YR 6/2)
50	60	Silty sand, very fine to very coarse, minor gravel; even distribution; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
60	80	Silty sand, very fine to very coarse, skewed toward fine; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
80	97	Gravelly sand, very fine to very coarse, skewed toward coarse; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)

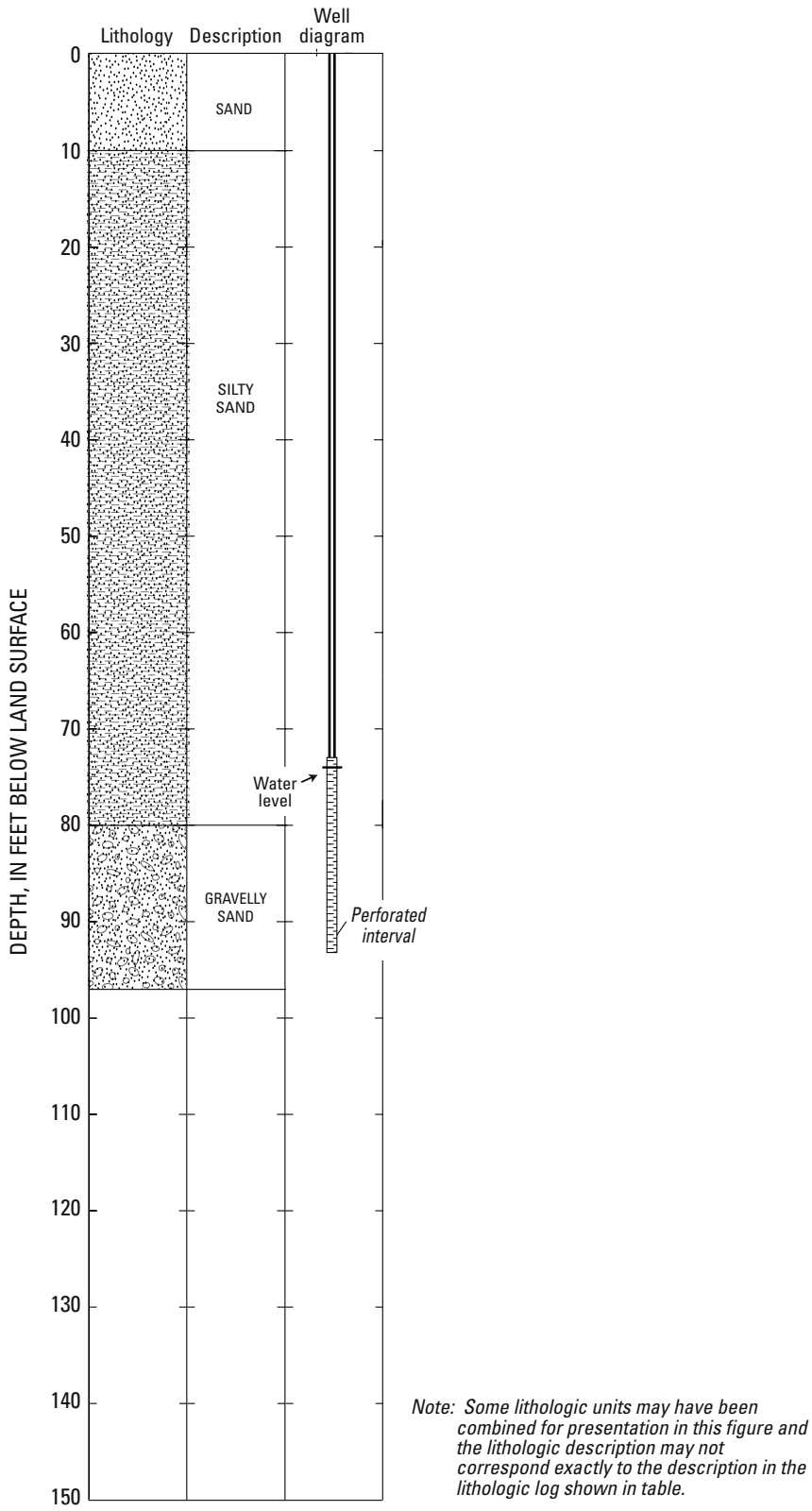


Figure D22. Lithology and well diagram for monitoring site Hodge-3 (well 9N/3W-23H1) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table D23. Lithologic log for monitoring site Hodge-4 (well 9N/3W-23L1) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,227 ft. Depth is in feet below land surface. Soil and rock color notation from Munsell Color (1994). Drilled by U.S. Geological Survey using under-reamer method, November 1994. Total depth drilled 66 ft. Screened interval: 60–65 ft]

Depth (ft)		Description
From	To	
0	6	Silty sand, very fine to very coarse, skewed toward fine; moderately well sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
6	16	Sand, fine to very coarse, minor granules, even distribution; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
16	26	Sand, fine to very coarse, minor granules; even distribution; poorly sorted; angular to subrounded; dark yellowish orange (10YR 6/6)
26	36	Sand, fine to very coarse, some granules and pebbles; even distribution; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
36	46	Sand, fine to very coarse, minor granules; even distribution; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
46	56	Sand, fine to very coarse, skewed toward medium; moderately well sorted; angular to subrounded; dark yellowish orange (10YR 6/6)
56	66	Sand, fine to very coarse, some granules and pebbles; even distribution; poorly sorted; angular to subrounded; dark yellowish orange (10YR 6/6)

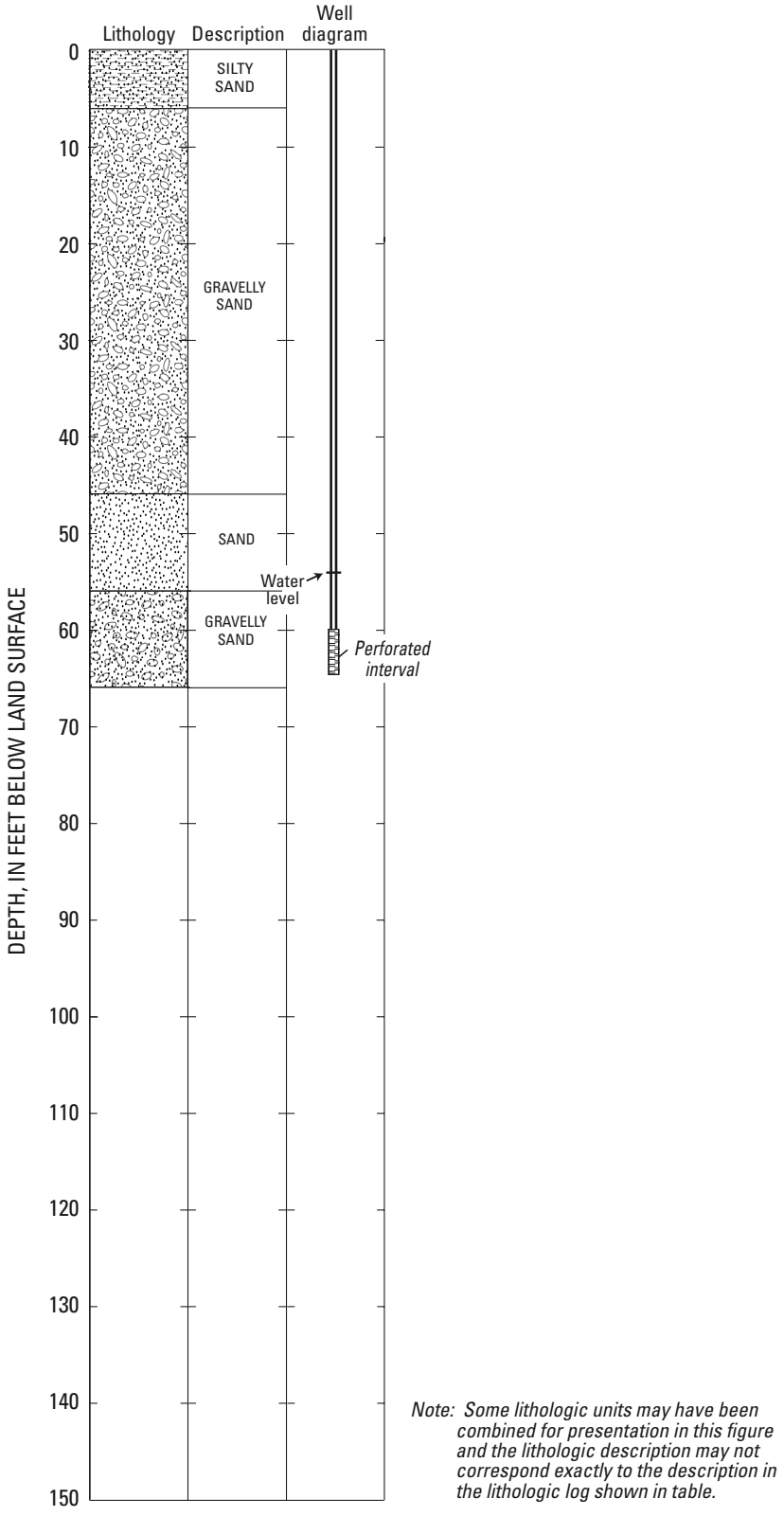


Figure D23. Lithology and well diagram for monitoring site Hodge-4 (well 9N/3W-23L1) in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[Measurement method (column M): M, manometer; R, reported; S, steel tape; V, calibrated electric tape. Site status (column S): D, dry; G, nearby flowing; O, obstruction; P, pumping; S, nearby pumping; W, well destroyed]]

State well number 008N004W21M001S
Site identification number 344609117182901
Common name Helendale 1-370
Northeast of Silver Lakes. Drilled observation well. Diameter 2 inches, depth measured 370.4 feet in 1996, perforated 350–370 feet. Altitude of land-surface datum 2,388.96 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1993.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Aug 04, 1993	13.96	V	Nov 28, 1994	16.02	R	Dec 18, 1995	16.17	R	Feb 27, 1997	14.78	R
Aug 27	14.11	V	Dec 19	16.23	R	Jan 31, 1996	14.33	R	Mar 27	15.10	R
Sep 24	14.11	V	Jan 23, 1995	13.63	R	Feb 29	13.11	R	Apr 29	15.32	R
Oct 20	14.30	V	Feb 27	11.90	R	Mar 27	12.25	R	May 28	15.68	R
Nov 16	14.16	V	Mar 30	11.13	R	Apr 29	12.38	R	Jun 30	16.08	R
Dec 22	13.83	V	Apr 25	11.28	R	May 30	12.80	R	Jul 30	16.43	R
Jan 25, 1994	14.69	V	May 24	11.34	R	Jul 02	13.41	R	Mar 02, 1998	12.13	R
Mar 12	14.62	V	Jun 05	11.51	V	Jul 31	13.93	R	Mar 27	12.24	R
Apr 12	13.29	V	Jun 26	10.78	R	Aug 21	14.32	R	Apr 23	11.37	R
Jun 08	13.92	R	Jul 25	12.34	R	Sep 26	14.87	R	May 26	10.92	R
Jul 26	14.79	R	Aug 28	12.96	R	Oct 22	15.30	R	Jun 25	11.14	R
Aug 22	15.29	R	Sep 25	13.45	R	Nov 27	15.30	R	Jul 28	11.87	R
Sep 26	15.74	R	Oct 30	13.77	R	Jan 02, 1997	15.33	R	Aug 24	10.33	R
Oct 24	15.95	R	Nov 27	14.63	R	Jan 30	15.29	R	Sep 26	12.87	R

HIGHEST	10.33	Aug 24, 1998
LOWEST	16.43	Jul 30, 1997

State well number 008N004W21M002S
Site identification number 344609117182902
Common name Helendale 1-230
Northeast of Silver Lakes. Drilled observation well. Diameter 2 inches, depth measured 228.9 feet in 1996, perforated 210–230 feet. Altitude of land-surface datum 2,388.96 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1993.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Aug 04, 1993	12.97	V	Nov 28, 1994	13.09	R	Dec 18, 1995	11.32	R	Feb 27, 1997	11.38	R
Aug 27	14.08	V	Dec 19	12.95	R	Jan 31, 1996	11.09	R	Mar 27	12.05	R
Sep 24	14.59	V	Jan 23, 1995	11.01	R	Feb 29	10.35	R	Apr 29	12.59	R
Oct 20	14.67	V	Feb 27	9.85	R	Mar 27	9.66	R	May 28	14.17	R
Nov 16	14.44	V	Mar 30	8.86	R	Apr 29	10.12	R	Jun 30	13.60	R
Dec 22	12.00	V	Apr 25	9.69	R	May 30	10.64	R	Jul 30	14.08	R
Jan 25, 1994	12.48	V	May 24	10.03	R	Jul 02	11.41	R	Mar 02, 1998	10.26	R
Mar 12	11.27	V	Jun 05	10.20	V	Jul 31	11.95	R	Mar 27	9.70	R
Apr 12	11.70	V	Jun 26	10.49	R	Aug 21	12.34	R	Apr 23	9.08	R
Jun 08	12.60	R	Jul 25	11.05	R	Sep 26	12.78	R	May 26	9.12	R
Jul 26	13.47	R	Aug 28	11.56	R	Oct 22	13.09	R	Jun 25	9.28	R
Aug 22	14.16	R	Sep 25	11.91	R	Nov 27	12.18	R	Jul 28	9.95	R
Sep 26	14.30	R	Oct 30	11.59	R	Jan 02, 1997	11.87	R	Aug 24	12.35	R
Oct 24	13.55	R	Nov 27	11.61	R	Jan 30	11.66	R	Sep 26	10.63	R

HIGHEST	8.86	Mar 30, 1995
LOWEST	14.67	Oct 20, 1993

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 008N004W21M003S
Site identification number 344609117182903
Common name Helendale 1-140
Northeast of Silver Lakes. Drilled observation well. Diameter 2 inches, depth measured 140.7 feet in 1996, perforated 120–140 feet. Altitude of land-surface datum 2,388.96 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1993.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Aug 04, 1993	7.11	V	Nov 28, 1994	9.52	R	Dec 18, 1995	8.10	R	Feb 27, 1997	8.37	R
Aug 27	7.54	V	Dec 19	9.54	R	Jan 31, 1996	8.20	R	Mar 27	8.72	R
Sep 24	7.87	V	Jan 23, 1995	8.19	R	Feb 29	7.48	R	Apr 29	8.72	R
Oct 20	7.86	V	Feb 27	6.52	R	Mar 27	6.38	R	May 28	9.26	R
Nov 16	7.67	V	Mar 30	5.48	R	Apr 29	6.24	R	Jun 30	9.62	R
Dec 22	8.14	V	Apr 25	5.31	R	May 30	6.61	R	Jul 30	10.18	R
Jan 25, 1994	8.15	V	May 24	5.31	R	Jul 02	7.28	R	Mar 02, 1998	8.38	R
Mar 12	6.81	V	Jun 05	5.57	V	Jul 31	7.98	R	Mar 27	7.04	R
Apr 12	6.80	V	Jun 26	5.86	R	Aug 21	8.37	R	Apr 23	6.21	R
Jun 08	7.57	R	Jul 25	6.54	R	Sep 26	8.74	R	May 26	5.37	R
Jul 26	8.39	R	Aug 28	7.02	R	Oct 22	8.88	R	Jun 25	5.55	R
Aug 22	8.95	R	Sep 25	7.44	R	Nov 27	8.98	R	Jul 28	6.57	R
Sep 26	9.34	R	Oct 30	7.81	R	Jan 02, 1997	9.01	R	Aug 24	6.83	R
Oct 24	9.41	R	Nov 27	8.05	R	Jan 30	8.71	R	Sep 26	7.15	R

HIGHEST	5.31	Apr 25, 1995; May 24, 1995
LOWEST	10.18	Jul 30, 1997

State well number 008N004W21M004S
Site identification number 344609117182904
Common name Helendale 1-40
Northeast of Silver Lakes. Drilled observation well. Diameter 2 inches, depth measured 40.6 feet in 1996, perforated 30–40 feet. Altitude of land-surface datum 2,388.96 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1993.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Aug 04, 1993	8.02	V	Nov 28, 1994	12.87	R	Dec 18, 1995	11.08	R	Feb 27, 1997	11.07	R
Aug 22	8.85	V	Dec 19	12.99	R	Jan 31, 1996	11.41	R	Mar 27	11.51	R
Sep 24	9.49	V	Jan 23, 1995	8.05	R	Feb 29	7.92	R	Apr 29	11.91	R
Oct 20	9.45	V	Feb 27	6.30	R	Mar 27	6.50	R	May 28	12.39	R
Nov 16	9.06	V	Mar 30	5.54	R	Apr 29	7.33	R	Jun 30	12.91	R
Dec 22	9.79	V	Apr 25	5.66	R	May 30	8.32	R	Jul 30	13.36	R
Jan 25, 1994	11.01	V	May 24	6.04	R	Jul 02	9.39	R	Mar 02, 1998	8.58	R
Mar 12	7.45	V	Jun 05	6.49	V	Jul 31	10.28	R	Mar 27	6.42	R
Apr 12	8.14	V	Jun 26	7.08	R	Aug 21	10.85	R	Apr 23	6.92	R
Jun 08	9.33	V	Jul 25	7.99	R	Sep 26	11.64	R	May 26	5.47	R
Jul 26	10.72	R	Aug 28	9.05	R	Oct 22	12.05	R	Jun 25	6.25	R
Aug 22	11.40	R	Sep 25	9.86	R	Nov 27	12.38	R	Jul 28	6.57	R
Sep 26	12.14	R	Oct 30	10.52	R	Jan 02, 1997	12.59	R	Aug 24	8.54	R
Oct 24	12.55	R	Nov 27	10.90	R	Jan 30	10.57	R	Sep 26	9.49	R

HIGHEST	5.47	May 26, 1998
LOWEST	13.36	Jul 30, 1997

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W04M004S
Site identification number 345351116593301
Common name BARSTOW 1 NO 1
In Barstow, northeast of Mojave River. Drilled observation well. Diameter 2 inches, depth 440 feet, perforated 450–440 feet. Altitude of land-surface datum 2,070 feet.Water-level records available since 1993. Well destroyed.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Jan 28, 1993	36.64	V	Mar 04, 1993	23.73	R	Mar 14, 1993	22.80	S	Mar 24, 1993		W
Feb 11	31.26	V									

HIGHEST	22.80	Mar 14, 1993
LOWEST	36.64	Jan 28, 1993

State well number 009N001W04M005S
Site identification number 345351116593302
Common name BARSTOW 1 NO 2
In Barstow, north side of Mojave River. Drilled observation well. Diameter 2 inches, depth measured 257 feet in 1997, perforated 230–250 feet. Altitude of land-surface datum 2,070 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1993.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Jan 28, 1993	35.38	V	Jul 25, 1994	30.46	R	Dec 18, 1995	28.87	R	May 28, 1997	34.74	R
Feb 11	30.89	V	Aug 22	31.01	R	Jan 31, 1996	29.13	R	Jun 30	35.20	R
Mar 04	23.68	R	Sep 27	31.63	R	Feb 29	29.17	R	Jul 30	35.48	R
Mar 14	22.62	V	Oct 24	32.01	R	Mar 26	29.32	R	Aug 28	36.26	R
Mar 24	22.19	V	Nov 28	32.42	R	Apr 29	28.82	R	Sep 23	36.83	R
Mar 31	22.34	R	Dec 19	32.62	R	May 30	29.45	R	Nov 06	37.48	R
May 20	23.92	V	Jan 23, 1995	31.96	R	Jul 02	30.34	R	Nov 27	37.71	R
Jul 20	25.24	V	Feb 27	29.97	R	Jul 30	31.12	R	Dec 30	37.07	R
Aug 27	26.12	V	Mar 28	24.51	R	Aug 20	31.55	R	Jan 29, 1998	36.74	R
Sep 21	26.73	V	Apr 24	25.07	R	Sep 26	32.11	R	Feb 27	34.18	R
Oct 19	27.52	V	May 24	25.71	R	Oct 21	32.28	R	Mar 26	33.28	R
Nov 17	27.89	V	Jun 26	26.30	R	Nov 26	32.93	R	Apr 23	32.40	R
Dec 21	27.47	V	Jul 24	26.88	R	Jan 02, 1997	33.37	R	May 26	30.95	R
Jan 20, 1994	28.42	V	Aug 28	27.47	R	Jan 30	33.84	R	Jun 24	31.80	R
Feb 26	28.58	V	Sep 25	27.83	R	Feb 27	33.94	R	Jul 28	33.01	R
Apr 12	29.11	V	Oct 30	28.12	R	Mar 27	34.15	R	Aug 24	33.70	R
Jun 07	29.67	R	Nov 27	28.64	R	Apr 28	34.23	R	Sep 26	34.00	R

HIGHEST	22.19	Mar 24, 1993
LOWEST	37.71	Nov 27, 1997

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W04M006S
Site identification number 345351116593303
Common name BARSTOW 1 NO 3
In Barstow, north side of Mojave River. Drilled observation well. Diameter 2 inches, depth measured 181.3 feet in 1997, perforated 140–160 feet. Altitude of land-surface datum 2,070 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1993.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Jan 28, 1993	35.45	V	Jul 25, 1994	30.81	R	Dec 18, 1995	29.27	R	May 28, 1997	34.94	R
Feb 11	31.01	V	Aug 22	31.32	R	Jan 31, 1996	29.52	R	Jul 30	35.64	R
Mar 04	24.21	R	Sep 27	31.97	R	Feb 29	29.49	R	Aug 28	36.47	R
Mar 14	23.00	V	Oct 24	32.35	R	Mar 26	29.65	R	Sep 23	37.09	R
Mar 24	22.66	V	Nov 28	32.69	R	Apr 29	29.15	R	Nov 06	37.70	R
Mar 31	23.00	R	Dec 19	32.88	R	May 30	29.78	R	Nov 27	37.81	R
May 20	24.47	V	Jan 23, 1995	32.24	R	Jul 02	30.67	R	Dec 30	37.28	R
Jul 20	25.70	V	Feb 27	30.33	R	Jul 30	31.51	R	Jan 29, 1998	36.85	R
Aug 27	26.58	V	Mar 28	24.95	R	Aug 20	31.85	R	Feb 27	34.30	R
Sep 21	27.17	V	Apr 24	25.51	R	Sep 26	31.97	R	Mar 26	33.50	R
Oct 19	27.97	V	May 24	26.16	R	Oct 21	32.52	R	Apr 23	32.62	R
Nov 17	28.30	V	Jun 26	26.73	R	Nov 26	33.20	R	May 26	31.24	R
Dec 21	27.77	V	Jul 24	27.31	R	Jan 02, 1997	33.58	R	Jun 24	32.11	R
Jan 20, 1994	28.71	V	Aug 28	27.89	R	Jan 30	34.10	R	Jul 28	33.30	R
Feb 26	28.86	V	Sep 25	28.25	R	Feb 27	34.17	R	Aug 24	33.96	R
Apr 12	29.47	V	Oct 30	28.53	R	Mar 27	34.34	R	Sep 26	34.52	R
Jun 07	30.02	R	Nov 27	29.03	R	Apr 28	34.42	R			

HIGHEST	22.66	Mar 24, 1993
LOWEST	37.81	Nov 27, 1997

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W04M007S
Site identification number 345351116593304
Common name BARSTOW 1 NO 4
In Barstow, north side of Mojave River. Drilled observation well. Diameter 2 inches, depth measured 101.7 feet in 1997, perforated 40–80 feet. Altitude of land-surface datum 2,070 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1993.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Jan 28, 1993	28.17	V	Aug 23, 1994	30.82	R	Jan 31, 1996	29.18	R	Jun 30, 1997	35.08	R
Feb 11	25.91	V	Sep 27	31.57	R	Feb 27	29.23	R	Jul 30	35.31	R
Mar 04	20.18	R	Oct 24	31.95	R	Mar 26	29.32	R	Aug 28	36.03	R
Mar 14	19.51	V	Nov 28	32.39	R	Apr 29	28.87	R	Sep 23	36.67	R
Mar 21	19.81	R	Dec 19	32.57	R	May 30	29.32	R	Nov 06	38.32	R
Mar 24	19.22	V	Jan 23, 1995	31.90	R	Jul 02	30.20	R	Nov 27	37.60	R
May 20	23.63	V	Feb 27	29.77	R	Jul 30	30.98	R	Dec 30	37.18	R
Jul 20	25.06	V	Mar 28	23.76	R	Aug 20	31.40	R	Jan 29, 1998	36.87	R
Aug 27	25.99	V	Apr 24	24.57	R	Sep 26	32.38	R	Feb 27	34.76	R
Sep 21	26.58	V	May 24	25.47	R	Oct 21	32.20	R	Mar 26	33.19	R
Oct 19	27.50	V	Jun 26	26.21	R	Nov 26	32.81	R	Apr 23	32.18	R
Nov 17	27.82	V	Jul 24	26.80	R	Jan 02, 1997	33.25	R	May 26	30.58	R
Dec 21	27.55	V	Aug 28	27.44	R	Jan 30	33.76	R	Jun 24	31.57	R
Jan 20, 1994	28.41	V	Sep 25	27.83	R	Feb 27	33.87	R	Jul 28	32.78	R
Feb 26	28.59	V	Oct 30	28.23	R	Mar 27	34.05	R	Aug 24	33.51	R
Jun 07	29.63	R	Nov 27	28.66	R	Apr 28	34.10	R	Sep 26	34.20	R
Jul 25	30.36	R	Dec 18	28.91	R	May 28	34.56	R			

HIGHEST	19.22	Mar 24, 1993
LOWEST	38.32	Nov 06, 1997

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W04R002S
Site identification number 345339116584501
Common name BARSTOW 2 NO 1
In Barstow, east of Interstate 15 in Mojave River flood plain. Drilled observation well. Diameter 2 inches, depth measured 281.0 feet in 1996, perforated 260–280 feet. Altitude of land-surface datum 2,045 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1993.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Jan 28, 1993	21.59	V	Jul 25, 1994	8.45	R	Dec 18, 1995	7.16	R	May 28, 1997	11.18	R
Feb 12	18.69	V	Aug 22	8.90	R	Jan 31, 1996	7.25	R	Jun 30	11.47	R
Mar 04	8.74	R	Sep 27	9.18	R	Feb 29	7.33	R	Jul 30	11.84	R
Mar 14	12.53	V	Oct 24	9.14	R	Mar 26	7.48	R	Aug 28	12.33	R
Mar 23	11.34	V	Nov 28	9.38	R	Apr 29	7.37	R	Sep 23	12.65	R
Mar 31	10.56	V	Dec 19	9.43	R	May 30	7.54	R	Nov 06	13.02	R
May 06	8.56	V	Jan 23, 1995	9.25	R	Jul 02	8.07	R	Nov 27	13.22	R
May 20	8.16	V	Feb 27	8.97	R	Jul 30	8.53	R	Dec 30	13.26	R
Jul 20	7.96	V	Mar 28	7.48	R	Aug 20	8.87	R	Jan 29, 1998	13.13	R
Aug 27	6.95	V	Apr 24	6.66	R	Sep 26	9.39	R	Feb 27	12.86	R
Sep 21	6.84	V	May 24	6.20	R	Oct 21	9.46	R	Mar 26	11.78	R
Oct 19	7.27	V	Jun 26	6.20	R	Nov 26	9.80	R	Apr 23	11.12	R
Nov 17	6.98	V	Jul 24	6.47	R	Jan 02, 1997	9.94	R	May 26	10.55	R
Dec 21	7.02	V	Aug 28	6.77	R	Jan 30	10.31	R	Jun 24	10.64	R
Jan 20, 1994	6.99	V	Sep 25	6.95	R	Feb 27	10.27	R	Jul 28	10.68	R
Feb 26	6.86	V	Oct 30	6.95	R	Mar 27	10.59	R	Aug 24	10.88	R
Apr 12	7.33	V	Nov 27	7.09	R	Apr 28	10.73	R	Sep 26	11.14	R
Jun 07	7.74	R									

HIGHEST	6.20	May 24, 1995; Jun 26, 1995
LOWEST	21.59	Jan 28, 1993

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W04R003S
Site identification number 345339116584502
Common name BARSTOW 2 NO 2
In Barstow, east of Interstate 15 in Mojave River flood plain. Drilled observation well. Diameter 2 inches, depth measured 141.2 feet in 1996, perforated 120–140 feet. Altitude of land-surface datum 2,045 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1993.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Jan 28, 1993	19.60	V	Jul 25, 1994	10.10	R	Dec 18, 1995	8.90	R	Apr 28, 1997	12.53	R
Feb 12	13.84	V	Aug 22	10.63	R	Jan 31, 1996	9.03	R	May 28	13.05	R
Mar 04	10.83	R	Sep 27	11.02	R	Feb 29	8.96	R	Jun 30	13.12	R
Mar 14	8.21	V	Oct 24	11.78	R	Mar 26	10.10	R	Jul 30	13.55	R
Mar 23	7.91	V	Nov 28	10.92	R	Apr 29	9.62	R	Aug 28	14.49	R
Mar 31	7.86	V	Dec 19	11.01	R	May 30	9.47	R	Sep 23	15.05	R
May 20	7.16	V	Jan 23, 1995	10.58	R	Jul 02	10.60	R	Nov 06	14.85	R
Jul 20	7.51	V	Feb 27	10.08	R	Jul 30	12.18	R	Nov 27	14.99	R
Aug 27	8.09	V	Mar 28	7.89	R	Aug 20	11.54	R	Dec 30	14.87	R
Sep 21	7.68	V	Apr 24	7.12	R	Sep 26	11.89	R	Jan 29, 1998	14.61	R
Oct 19	8.02	V	May 24	7.11	R	Oct 21	11.39	R	Feb 27	13.54	R
Nov 17	8.05	V	Jun 26	8.49	R	Nov 26	11.70	R	Mar 26	12.68	R
Dec 21	8.06	V	Jul 24	7.95	R	Jan 02, 1997	11.77	R	Apr 23	13.20	R
Jan 20, 1994	8.11	V	Aug 28	8.37	R	Jan 30	12.17	R	May 26	11.45	R
Feb 26	8.17	V	Sep 25	8.73	R	Feb 27	12.12	R	Jun 24	11.78	R
Apr 12	8.62	V	Oct 30	8.66	R	Mar 27	12.34	R	Jul 28	12.03	R
Jun 07	9.90	R	Nov 27	8.91	R						

HIGHEST	7.11	May 24, 1995
LOWEST	19.60	Jan 28, 1993

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W04R004S
Site identification number 345339116584503
Common name BARSTOW 2 NO 3
In Barstow, east of Interstate 15 in Mojave River flood plain. Drilled observation well. Diameter 2 inches, depth measured 40.0 feet in 1996, perforated 20–40 feet. Altitude of land-surface datum 2,045 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1993.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Jan 28, 1993	19.14	V	Aug 22, 1994	10.83	R	Jan 31, 1996	9.18	R	Jun 30, 1997	13.25	R
Feb 12	15.55	V	Sep 27	11.22	R	Feb 29	9.14	R	Jul 30	13.66	R
Mar 04	14.42	R	Oct 24	11.66	R	Mar 26	9.98	R	Aug 28	14.43	R
Mar 14	9.27	V	Nov 28	11.12	R	Apr 29	9.67	R	Sep 23	14.87	R
Mar 23	8.63	V	Dec 19	11.13	R	May 30	9.56	R	Nov 06	14.93	R
Mar 31	8.25	V	Jan 23, 1995	10.77	R	Jul 02	10.39	R	Nov 27	15.10	R
May 20	7.29	V	Feb 27	10.30	R	Jul 30	11.55	R	Dec 30	14.98	R
Jul 20	7.52	V	Mar 28	8.61	R	Aug 20	11.26	R	Jan 29, 1998	14.68	R
Aug 27	7.80	V	Apr 24	7.49	R	Sep 26	11.76	R	Feb 27	14.15	R
Sep 21	7.84	V	May 24	7.33	R	Oct 21	11.49	R	Mar 26	12.95	R
Oct 19	8.25	V	Jun 26	8.34	R	Nov 26	11.85	R	Apr 23	13.15	R
Nov 17	8.23	V	Jul 24	8.14	R	Jan 02, 1997	11.89	R	May 26	11.17	R
Dec 21	8.29	V	Aug 28	8.59	R	Jan 30	12.25	R	Jun 24	12.10	R
Feb 26, 1994	8.25	V	Sep 25	8.93	R	Feb 27	12.26	R	Jul 28	12.21	R
Apr 12	8.80	V	Oct 30	8.88	R	Mar 27	12.45	R	Aug 24	13.16	R
Jun 07	9.60	R	Nov 27	9.05	R	Apr 28	12.59	R	Sep 26	12.66	R
Jul 25	10.19	R	Dec 18	9.09	R	May 28	14.10	R			

HIGHEST	7.29	May 20, 1993
LOWEST	19.14	Jan 28, 1993

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W09D005S
Site identification number 345328116594301
Common name BARSTOW 3 NO 1
In Barstow. Drilled observation well. Diameter 2 inches, depth 500 feet, perforated 480–500 feet. Altitude of land-surface datum 2,094 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1993.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Jan 28, 1993	33.26	V	Jul 25, 1994	21.54	R	Dec 18, 1995	18.78	R	May 28, 1997	20.28	R
Feb 11	22.49	V	Aug 22	21.25	R	Jan 31, 1996	18.62	R	Jun 30	20.23	R
Mar 04	20.84	R	Sep 27	21.23	R	Feb 29	18.67	R	Jul 30	20.24	R
Mar 21	22.65	V	Oct 24	21.13	R	Mar 26	19.83	R	Aug 28	19.96	R
Mar 23	20.48	V	Nov 28	21.61	R	Apr 29	20.00	R	Sep 23	19.96	R
Mar 31	22.00	V	Dec 19	21.57	R	May 30	19.96	R	Nov 06	20.15	R
May 18	24.83	V	Jan 23, 1995	21.28	R	Jul 02	19.96	R	Nov 27	20.18	R
May 20	25.00	V	Feb 27	21.31	R	Jul 30	20.08	R	Dec 30	20.15	R
Jul 20	22.44	V	Mar 28	20.75	R	Aug 20	20.02	R	Jan 29, 1998	20.07	R
Aug 22	22.32	V	Apr 24	20.43	R	Sep 26	20.03	R	Feb 27	19.97	R
Sep 20	22.35	V	May 24	19.83	R	Oct 21	20.27	R	Mar 26	19.71	R
Oct 19	22.98	V	Jun 26	19.19	R	Nov 26	20.15	R	Apr 23	20.03	R
Nov 18	22.48	V	Jul 24	19.31	R	Jan 02, 1997	20.05	R	May 26	19.86	R
Dec 21	22.22	V	Aug 28	19.22	R	Jan 30	20.36	R	Jun 24	19.91	R
Jan 20, 1994	22.07	V	Sep 25	19.00	R	Feb 27	19.94	R	Jul 28	19.79	R
Feb 26	21.45	V	Oct 30	18.85	R	Mar 27	19.80	R	Aug 24	19.73	R
Mar 13	21.81	V	Nov 27	18.84	R	Apr 28	20.28	R	Sep 26	19.61	R
Jun 07	21.62	R									

HIGHEST	18.62	Jan 31, 1996
LOWEST	33.26	Jan 28, 1993

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W09D006S
Site identification number 345328116594302
Common name BARSTOW 3 NO 2
In Barstow. Drilled observation well. Diameter 2 inches, depth measured 301.4 feet in 1996, perforated 280–300 feet. Altitude of land-surface datum 2,094 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1993.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Jan 28, 1993	32.54	V	Jul 25, 1994	28.06	R	Dec 18, 1995	27.26	R	May 28, 1997	28.73	R
Feb 11	31.54	V	Aug 22	28.17	R	Jan 31, 1996	27.28	R	Jun 30	28.84	R
Mar 04	32.23	R	Sep 27	28.23	R	Feb 29	27.41	R	Jul 30	28.91	R
Mar 21	28.99	V	Oct 24	28.31	R	Mar 26	27.33	R	Aug 28	28.98	R
Mar 23	28.89	V	Nov 28	28.35	R	Apr 29	27.45	R	Sep 23	29.14	R
Mar 31	28.49	V	Dec 19	28.41	R	May 30	27.46	R	Nov 06	29.19	R
May 18	27.74	V	Jan 23, 1995	28.25	R	Jul 02	27.43	R	Nov 27	29.35	R
May 20	27.82	V	Feb 27	28.14	R	Jul 30	27.84	R	Dec 30	29.30	R
Jul 20	27.54	V	Mar 28	27.39	R	Aug 20	27.76	R	Jan 29, 1998	29.29	R
Aug 27	27.54	V	Apr 24	26.78	R	Sep 26	27.91	R	Feb 27	29.10	R
Sep 20	27.49	V	May 24	26.70	R	Oct 21	28.05	R	Mar 26	28.77	R
Oct 19	27.83	V	Jun 26	26.85	R	Nov 26	28.12	R	Apr 23	28.71	R
Nov 18	27.76	V	Jul 24	26.96	R	Jan 02, 1997	28.16	R	May 26	28.49	R
Dec 21	27.73	V	Aug 28	27.03	R	Jan 30	28.45	R	Jun 24	28.47	R
Jan 20, 1994	27.65	V	Sep 25	27.08	R	Feb 27	28.86	R	Jul 28	28.58	R
Feb 26	27.37	V	Oct 30	27.11	R	Mar 27	28.55	R	Aug 24	28.70	R
Jun 07	27.89	R	Nov 27	27.24	R	Apr 28	28.58	R	Sep 26	28.77	R

HIGHEST	26.70	May 24, 1995
LOWEST	32.54	Jan 28, 1993

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W09D007S
Site identification number 345328116594303
Common name BARSTOW 3 NO 3
In Barstow. Drilled observation well. Diameter 2 inches, depth measured 190.9 feet in 1996, perforated 170–190 feet. Altitude of land-surface datum 2,094 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1993.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Jan 28, 1993	45.97	V	Jul 25, 1994	37.88	R	Dec 18, 1995	36.96	R	May 28, 1997	40.87	R
Feb 11	47.72	V	Aug 22	37.92	R	Jan 31, 1996	37.13	R	Jun 30	41.23	R
Mar 04	43.73	R	Sep 27	37.91	R	Feb 29	37.30	R	Jul 30	41.33	R
Mar 21	38.49	V	Oct 24	37.89	R	Mar 26	37.53	R	Aug 28	41.61	R
Mar 23	38.31	V	Nov 28	38.15	R	Apr 29	37.83	R	Sep 23	41.95	R
Mar 31	37.75	V	Dec 19	38.34	R	May 30	37.95	R	Nov 06	42.30	R
May 18	37.34	V	Jan 23, 1995	38.14	R	Jul 02	38.11	R	Nov 27	42.37	R
May 20	37.33	V	Feb 27	37.88	R	Jul 30	38.39	R	Dec 30	42.11	R
Jul 20	37.70	V	Mar 28	35.82	R	Aug 20	38.43	R	Jan 29, 1998	42.08	R
Aug 27	37.61	V	Apr 24	35.39	R	Sep 26	38.50	R	Feb 27	41.68	R
Sep 20	37.48	V	May 24	35.70	R	Oct 21	38.89	R	Mar 26	40.64	R
Oct 19	37.30	V	Jun 26	36.00	R	Nov 26	38.86	R	Apr 23	40.73	R
Nov 18	37.24	V	Jul 24	36.32	R	Jan 02, 1997	38.97	R	May 26	40.10	R
Dec 21	37.53	V	Aug 28	36.40	R	Jan 30	39.59	R	Jun 24	40.25	R
Jan 20, 1994	36.70	V	Sep 25	36.49	R	Feb 27	39.82	R	Jul 28	40.58	R
Feb 26	36.48	V	Oct 30	36.60	R	Mar 27	40.25	R	Aug 24	40.99	R
Jun 07	37.49	R	Nov 27	36.81	R	Apr 28	40.53	R	Sep 26	41.14	R

HIGHEST	35.39	Apr 24, 1995
LOWEST	47.72	Feb 11, 1993

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W09D008S
Site identification number 345328116594304
Common name BARSTOW 3 NO 4
In Barstow. Drilled observation well. Diameter 2 inches, depth measured 100.2 feet in 1997, perforated 60–80 feet. Altitude of land-surface datum 2,094 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1993.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Jan 28, 1993	58.85	V	Aug 22, 1994	48.04	R	Jan 31, 1996	47.05	R	May 28, 1997	51.27	R
Feb 11	54.17	V	Sep 27	48.39	R	Feb 29	46.02	R	Jun 30	51.58	R
Mar 04	46.67	R	Oct 24	48.64	R	Mar 26	47.16	R	Jul 30	51.39	R
Mar 18	41.92	V	Nov 28	49.11	R	Apr 29	47.26	R	Aug 28	52.05	R
Mar 21	41.00	V	Dec 19	49.29	R	May 30	47.43	R	Sep 23	52.74	R
Mar 23	40.58	V	Jan 23, 1995	48.63	R	Jul 02	47.92	R	Nov 06	53.55	R
Mar 31	40.36	V	Feb 27	47.55	R	Jul 30	48.47	R	Nov 27	53.69	R
May 20	42.01	V	Mar 28	42.55	R	Aug 20	49.20	R	Dec 30	53.23	R
Jul 20	43.36	V	Apr 24	42.56	R	Sep 26	49.55	R	Jan 29, 1998	53.22	R
Aug 27	43.98	V	May 24	43.60	R	Oct 21	49.48	R	Feb 27	52.14	R
Sep 20	44.25	V	Jun 26	46.46	R	Nov 26	49.81	R	Mar 26	49.54	R
Oct 19	45.05	V	Jul 24	45.01	R	Nov 27	50.18	R	Apr 23	49.61	R
Nov 18	45.43	V	Aug 28	45.59	R	Jan 02, 1997	50.15	R	May 26	48.19	R
Dec 21	45.29	V	Sep 25	45.99	R	Jan 30	50.51	R	Jun 24	48.74	R
Jan 20, 1994	45.89	V	Oct 30	46.42	R	Feb 27	50.76	R	Jul 28	49.60	R
Feb 26	46.09	V	Nov 27	46.74	R	Mar 27	50.96	R	Aug 24	50.13	R
Jun 07	46.96	R	Dec 18	46.93	R	Apr 28	51.00	R	Sep 26	50.64	R
Jul 25	47.19	R									

HIGHEST	40.36	Mar 31, 1993
LOWEST	58.85	Jan 28, 1993

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W10J012S
Site identification number 345251116574201
Common name MC-1 at 610
East of Barstow on Marine Corps Logistics Base. Drilled observation well. Diameter 2 inches, depth 610 feet, perforated 590–610 feet. Altitude of land-surface datum 2,034 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1992.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Apr 29, 1992	21.28	V	Sep 21, 1993	15.28	V	Jul 24, 1995	14.32	R	Mar 27, 1997	14.94	R
Jun 23	22.49	V	Oct 19	14.89	V	Aug 28	14.60	R	Apr 28	15.22	R
Jun 30	21.32	S	Nov 17	14.70	V	Sep 25	14.71	R	May 28	15.59	R
Jul 01	21.43	S	Dec 21	14.30	V	Oct 30	14.68	R	Jun 30	15.91	R
Aug 10	20.65	V	Jan 20, 1994	14.46	V	Nov 27	14.38	R	Jul 30	16.03	R
Aug 11	20.85	S	Mar 13	13.89	V	Dec 18	14.20	R	Aug 28	15.92	R
Sep 08	20.98	V	Apr 12	13.90	V	Jan 31, 1996	13.84	R	Sep 23	15.73	R
Oct 06	21.37	V	Jun 07	14.62	R	Feb 29	13.81	R	Nov 06	15.78	R
Nov 16	20.92	V	Jul 25	15.09	R	Mar 26	13.71	R	Nov 27	15.86	R
Dec 23	21.48	V	Aug 23	15.29	R	Apr 29	15.21	R	Dec 30	15.58	R
Jan 13, 1993	21.16	V	Sep 26	15.56	R	May 30	15.08	R	Jan 29, 1998	15.55	R
Feb 02	17.37	S	Oct 24	15.56	R	Jul 02	15.27	R	Feb 27	14.63	R
Feb 11	15.96	V	Nov 28	15.41	R	Jul 30	15.47	R	Mar 26	14.80	R
Mar 03	14.81	V	Dec 19	15.32	R	Aug 20	15.19	R	Apr 23	14.74	R
Mar 23	14.46	V	Jan 23, 1995	14.57	R	Sep 26	15.44	R	May 26	14.70	R
Apr 29	13.92	V	Feb 27	14.09	R	Oct 21	15.64	R	Jun 24	14.90	R
May 02	13.94	V	Mar 28	13.28	R	Nov 26	14.64	R	Jul 28	15.05	R
May 19	14.69	V	Apr 24	13.52	R	Jan 02, 1997	14.51	R	Aug 24	15.50	R
Jul 21	15.14	V	May 24	13.69	R	Jan 30	14.60	R	Sep 26	15.71	R
Aug 28	14.99	V	Jun 26	13.96	R	Feb 27	14.70	R			

HIGHEST	13.28	Mar 28, 1995
LOWEST	22.49	Jun 23, 1992

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W10J013S
Site identification number 345251116574202
Common name MC-1 at 370
East of Barstow on Marine Corps Logistics Base. Drilled observation well. Diameter 2 inches, depth measured 369.7 feet in 1996, perforated 350–370 feet. Altitude of land-surface datum 2,034 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1992.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Apr 29, 1992	20.09	S	Oct 19, 1993	16.44	V	Aug 28, 1995	15.25	R	Mar 27, 1997	15.50	R
Jun 23	20.40	V	Nov 17	16.20	V	Sep 25	15.34	R	Apr 28	15.63	R
Jun 30	22.27	S	Dec 21	15.98	V	Oct 30	15.31	R	May 28	15.91	R
Jul 01	22.12	S	Jan 20, 1994	15.42	V	Nov 27	15.18	R	Jun 30	16.17	R
Aug 10	21.00	V	Mar 13	14.90	V	Dec 18	15.04	R	Jul 30	16.32	R
Aug 11	21.03	S	Apr 12	14.87	V	Jan 31, 1996	14.78	R	Aug 28	16.24	R
Sep 08	21.14	V	Jun 07	15.35	R	Feb 29	14.76	R	Sep 23	16.16	R
Oct 06	21.74	V	Jul 25	15.66	R	Mar 26	14.69	R	Nov 06	16.22	R
Nov 16	21.34	V	Aug 23	15.81	R	Apr 29	14.17	R	Nov 27	16.42	R
Dec 23	21.55	V	Sep 27	16.07	R	May 30	14.33	R	Dec 30	16.11	R
Jan 13, 1993	21.28	V	Oct 24	16.07	R	Jul 02	14.66	R	Jan 29, 1998	16.08	R
Feb 02	20.33	S	Nov 28	16.03	R	Jul 30	14.88	R	Feb 27	15.52	R
Feb 11	18.63	V	Dec 19	15.97	R	Aug 20	15.59	R	Mar 26	15.55	R
Mar 03	17.02	V	Jan 23, 1995	15.38	R	Sep 26	15.92	R	Apr 23	15.70	R
Mar 23	16.75	V	Feb 27	15.09	R	Oct 21	16.07	R	May 26	15.48	R
Apr 29	16.58	V	Mar 28	14.54	R	Nov 26	15.46	R	Jun 24	15.63	R
May 02	16.61	V	Apr 24	14.65	R	Jan 02, 1997	15.36	R	Jul 28	15.65	R
May 19	17.52	V	May 24	14.72	R	Jan 30	15.47	R	Aug 24	16.00	R
Aug 28	17.54	V	Jun 26	14.82	R	Feb 26	15.43	R	Sep 26	16.13	R
Sep 21	16.76	V	Jul 24	15.07	R						

HIGHEST	14.17	Apr 29, 1996
LOWEST	22.27	Jun 30, 1992

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W10J014S
Site identification number 345251116574203
Common name MC-1 at 200
East of Barstow on Marine Corps Logistics Base. Drilled observation well. Diameter 2 inches, depth measured 200.4 feet in 1996, perforated 180–200 feet. Altitude of land-surface datum 2,034 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1992.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Apr 29, 1992	22.40	S	Sep 21, 1993	13.27	V	Jul 24, 1995	12.98	R	Mar 27, 1997	14.17	R
Jun 23	21.10	V	Oct 19	13.31	V	Aug 28	13.39	R	Apr 28	14.62	R
Jun 30	21.10	S	Nov 17	12.93	V	Sep 25	13.30	R	May 28	15.07	R
Jul 01	21.13	S	Dec 21	12.72	V	Oct 30	13.28	R	Jun 30	15.66	R
Aug 10	21.45	V	Jan 20, 1994	12.38	V	Nov 27	13.04	R	Jul 30	15.74	R
Aug 11	21.44	S	Mar 13	11.75	V	Dec 18	12.79	R	Aug 28	15.56	R
Sep 08	21.80	V	Apr 12	11.84	V	Jan 31, 1996	12.28	R	Sep 23	14.21	R
Oct 06	22.03	V	Jun 07	13.13	R	Feb 29	12.21	R	Nov 06	15.24	R
Nov 16	22.03	V	Jul 25	13.93	R	Mar 26	12.11	R	Nov 27	15.34	R
Dec 23	21.82	V	Aug 22	13.89	R	Apr 29	12.77	R	Dec 30	14.96	R
Jan 13, 1993	21.40	V	Sep 26	14.59	R	May 30	13.10	R	Jan 29, 1998	14.90	R
Feb 02	15.13	S	Oct 24	14.62	R	Jul 02	13.53	R	Feb 27	13.51	R
Feb 11	13.35	V	Nov 28	14.30	R	Jul 30	13.95	R	Mar 26	13.83	R
Mar 08	11.37	V	Dec 19	13.76	R	Aug 20	14.16	R	Apr 23	13.75	R
Mar 23	11.06	V	Jan 23, 1995	13.04	R	Sep 26	14.86	R	May 26	13.68	R
Apr 29	11.26	V	Feb 27	12.28	R	Oct 21	15.19	R	Jun 24	14.03	R
May 02	11.31	V	Mar 28	11.02	R	Nov 26	13.76	R	Jul 28	14.31	R
May 19	11.67	V	Apr 24	11.52	R	Jan 02, 1997	13.55	R	Aug 24	14.92	R
Jul 21	12.61	V	May 24	11.84	R	Jan 30	13.63	R	Sep 26	15.21	R
Aug 28	13.28	V	Jun 26	12.41	R	Feb 27	13.86	R			

HIGHEST	11.02	Mar 28, 1995
LOWEST	22.40	Apr 29, 1992

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W10J015S
Site identification number 345251116574204
Common name MC-1 at 100
East of Barstow on Marine Corps Logistics Base. Drilled observation well. Diameter 2 inches, depth measured 99.9 feet in 1996, perforated 80–100 feet. Altitude of land-surface datum 2,034 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1992.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Apr 29, 1992	20.42	V	Aug 28, 1993	12.91	V	Jul 24, 1995	12.63	R	Mar 27, 1997	13.78	R
May 08	20.01	S	Sep 21	13.00	V	Aug 28	13.03	R	Apr 28	14.25	R
Jun 29	22.18	V	Oct 19	12.95	V	Sep 25	13.64	R	May 28	14.73	R
Jun 30	21.77	S	Nov 17	13.50	V	Oct 30	13.60	R	Jun 30	15.27	R
Jul 01	20.82	S	Dec 21	12.38	V	Nov 27	12.69	R	Jul 30	15.40	R
Aug 10	21.05	S	Jan 20, 1994	12.05	V	Dec 18	12.42	R	Aug 28	15.13	R
Aug 11	21.13	S	Mar 13	11.29	V	Jan 31, 1996	11.89	R	Sep 23	14.81	R
Sep 08	21.52	V	Apr 12	11.47	V	Feb 29	11.75	R	Nov 06	14.83	R
Oct 06	21.74	V	July 25	14.58	V	Mar 26	11.60	R	Nov 27	14.95	R
Nov 16	21.77	V	Aug 22	14.25	R	Apr 29	12.42	R	Dec 30	14.46	R
Nov 20	21.74	S	Sep 27	14.25	R	May 30	12.71	R	Jan 21, 1998	13.52	R
Dec 23	21.52	V	Oct 24	14.27	R	Jul 02	13.17	R	Jan 29	14.43	R
Jan 13, 1993	21.10	V	Nov 28	13.98	R	Jul 30	13.54	R	Feb 27	13.08	R
Feb 02	14.68	S	Dec 19	14.12	R	Aug 20	13.71	R	Mar 26	13.45	R
Feb 11	13.10	V	Jan 23, 1995	12.65	R	Sep 26	14.53	R	Apr 23	14.05	R
Mar 03	10.95	V	Feb 27	11.91	R	Oct 21	14.82	R	May 26	13.25	R
Mar 23	10.67	V	Mar 28	10.61	R	Nov 26	13.06	R	Jun 24	13.54	R
Apr 29	10.87	V	Apr 24	11.15	R	Jan 02, 1997	12.98	R	Jul 28	13.80	R
May 02	10.88	V	May 24	11.48	R	Jan 30	13.48	R	Aug 24	15.49	R
May 19	11.27	V	Jun 26	12.06	R	Feb 26	13.50	R	Sep 26	14.80	R
Jul 21	12.73	V									

HIGHEST	10.61	Mar 28, 1995
LOWEST	22.18	Jun 29, 1992

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W11K012S
Site identification number 345254116570401
Common name MC-4 AT 590
East of Barstow at Nebo Marine Corps Logistics Base golf course. Drilled observation well. Diameter 2 inches, depth 590 feet, perforated 570–590 feet. Altitude of land-surface datum 2,022.28 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1992.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Aug 10, 1992	12.81	V	Apr 12, 1994	9.49	V	Nov 27, 1995	8.59	R	May 28, 1997	8.36	R
Aug 25	12.44	V	Jun 07	9.40	R	Dec 18	8.48	R	Jun 30	8.41	R
Oct 06	11.57	V	Jul 25	9.36	R	Jan 31, 1996	8.33	R	Jul 30	8.48	R
Nov 16	11.61	V	Aug 22	9.37	R	Feb 29	8.37	R	Aug 28	8.45	R
Dec 23	11.79	V	Sep 27	9.39	R	Mar 26	8.29	V	Sep 23	8.43	R
Jan 13, 1993	11.61	V	Oct 24	9.37	R	Apr 29	8.33	R	Nov 06	8.73	R
Feb 11	10.71	V	Nov 28	9.40	R	May 30	8.21	R	Nov 27	8.45	R
Mar 03	10.56	V	Dec 19	9.36	R	Jul 02	8.11	R	Dec 30	8.42	R
Mar 23	9.03	V	Jan 23, 1995	9.06	R	Jul 30	8.20	R	Jan 29, 1998	8.37	R
May 19	10.48	V	Feb 27	8.92	R	Aug 20	8.16	RS	Feb 27	8.07	R
Jul 21	11.43	V	Mar 28	8.81	R	Sep 26	8.26	R	Mar 26	8.08	R
Aug 28	10.25	V	Apr 24	8.79	R	Oct 21	8.38	R	Apr 23	8.19	R
Sep 21	10.09	V	May 24	8.67	R	Nov 26	8.23	R	May 26	8.12	R
Oct 19	10.07	V	Jun 26	8.65	R	Jan 02, 1997	8.21	R	Jun 24	8.18	R
Nov 17	9.92	V	Jul 24	8.69	R	Jan 30	8.30	R	Jul 28	8.18	R
Dec 21	9.77	V	Aug 28	8.69	RS	Feb 26	5.15	R	Aug 24	8.22	R
Jan 20, 1994	9.68	V	Sep 25	8.65	R	Mar 27	8.26	R	Sep 26	8.25	R
Mar 13	9.55	V	Oct 30	8.58	R	Apr 28	8.26	R			

HIGHEST	5.15	Feb 26, 1997
LOWEST	12.81	Aug 10, 1992

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W11K013S
Site identification number 345254116570402
Common name MC-4 AT 315
East of Barstow at Nebo Marine Corps Logistics Base golf course. Drilled observation well. Diameter 2 inches, depth measured 315.4 feet in 1996, perforated 295–315 feet. Altitude of land-surface datum 2,022.28 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1992.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Aug 10, 1992	14.63	V	Apr 12, 1994	8.41	V	Nov 27, 1995	9.36	R	May 28, 1997	10.03	R
Aug 25	15.13	V	Jun 07	8.65	R	Dec 18	9.42	R	Jun 30	10.41	R
Oct 06	15.20	V	Jul 25	9.58	R	Jan 31, 1996	8.90	R	Jul 30	10.71	R
Nov 16	15.30	V	Aug 22	10.04	R	Feb 29	8.71	R	Aug 28	10.92	R
Dec 23	15.42	V	Sep 27	10.35	R	Mar 26	8.58	R	Sep 23	11.04	R
Jan 13, 1993	15.20	V	Oct 24	10.39	R	Apr 29	8.80	R	Nov 06	10.90	R
Feb 11	12.92	V	Nov 28	10.17	R	May 30	9.05	R	Nov 27	10.83	R
Mar 03	11.38	V	Dec 19	10.05	R	Jul 02	9.51	R	Dec 30	10.67	R
Mar 23	10.80	V	Jan 23, 1995	9.60	R	Jul 30	10.03	R	Jan 29, 1998	10.51	R
May 19	9.01	V	Feb 27	9.11	R	Aug 20	10.55	R	Feb 27	10.13	R
Jul 21	9.13	V	Mar 28	8.58	R	Sep 26	10.54	R	Mar 26	9.85	R
Aug 28	9.61	V	Apr 24	8.39	R	Oct 21	10.59	R	Apr 23	9.82	R
Sep 21	9.66	V	May 24	8.41	R	Nov 26	10.27	R	May 26	9.77	R
Oct 19	9.63	V	Jun 26	8.67	R	Jan 02, 1997	9.92	R	Jun 24	10.35	R
Nov 17	9.52	V	Jul 24	9.04	R	Jan 30	9.44	R	Jul 28	9.39	R
Dec 21	9.25	V	Aug 28	9.39	RS	Feb 26	9.55	R	Aug 24	11.01	R
Jan 20, 1994	8.97	V	Sep 25	9.51	R	Mar 27	9.61	R	Sep 26	11.15	R
Mar 13	8.57	V	Oct 30	9.53	R	Apr 28	9.68	R			

HIGHEST	8.39	Apr 24, 1995
LOWEST	15.42	Dec 23, 1992

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W11K014S
Site identification number 345254116570403
Common name MC-4 AT 180
East of Barstow at Nebo Marine Corps Logistics Base golf course. Drilled observation well. Diameter 2 inches, depth measured 179.6 feet in 1996, perforated 160–180 feet. Altitude of land-surface datum 2,022.28 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1992.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Jul 15, 1992	13.81	V	Mar 13, 1994	6.18	V	Oct 30, 1995	7.63	R	Apr 28, 1997	8.36	R
Aug 10	14.02	V	Apr 12	6.16	V	Nov 27	7.31	R	May 28	8.83	R
Aug 25	14.24	V	Jun 07	7.12	R	Dec 18	7.16	R	Jun 30	9.32	R
Oct 06	14.43	V	Jul 25	7.90	R	Jan 31, 1996	6.70	R	Jul 30	9.51	R
Nov 16	14.56	V	Aug 22	8.23	R	Feb 29	6.57	R	Aug 28	9.63	R
Dec 22	14.48	V	Sep 27	8.50	R	Mar 26	6.49	R	Sep 23	9.47	R
Jan 13, 1993	14.04	V	Oct 24	8.51	R	Apr 29	6.88	R	Nov 06	9.18	R
Feb 11	7.08	V	Nov 28	8.20	R	May 30	7.44	R	Nov 27	9.14	R
Mar 03	5.57	V	Dec 19	8.07	R	Jul 02	7.94	R	Dec 30	8.82	R
Mar 23	5.41	V	Jan 23, 1995	7.31	R	Jul 30	8.38	R	Jan 29, 1998	8.78	R
May 19	5.95	V	Feb 27	6.39	R	Aug 20	8.72	R	Feb 27	7.61	R
Jul 21	6.92	V	Mar 28	5.43	R	Sep 26	8.93	R	Mar 26	7.61	R
Aug 28	7.35	V	Apr 24	5.82	R	Oct 21	9.16	R	Apr 23	7.79	R
Sep 21	7.45	V	May 24	6.18	R	Nov 26	8.36	R	May 26	7.65	R
Oct 19	7.41	V	Jun 26	6.67	R	Jan 02, 1997	8.02	R	Jun 24	8.21	R
Nov 17	7.15	V	Jul 24	7.14	R	Jan 30	7.81	R	Jul 28	8.61	R
Dec 21	6.80	V	Aug 28	7.61	RS	Feb 26	6.76	R	Aug 24	9.02	R
Jan 20, 1994	6.57	V	Sep 25	7.75	R	Mar 27	8.03	R	Sep 26	9.18	R

HIGHEST	5.41	Mar 23, 1993
LOWEST	14.56	Nov 16, 1992

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W11K015S
Site identification number 345254116570404
Common name MC-4 AT 90
East of Barstow at Nebo Marine Corps Logistics Base golf course. Drilled observation well. Diameter 2 inches, depth measured 85.9 feet, perforated 70–90 feet. Altitude of land-surface datum 2,022.28 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1992.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Jul 15, 1992	13.85	V	Mar 13, 1994	6.24	V	Oct 30, 1995	7.68	R	Apr 28, 1997	8.39	R
Aug 10	14.03	V	Apr 12	6.21	V	Nov 27	7.37	R	May 28	8.87	R
Aug 25	14.26	V	Jun 07	7.15	R	Dec 18	7.23	R	Jun 30	9.34	R
Oct 06	14.45	V	Jul 25	7.96	R	Jan 31, 1996	6.77	R	Jul 30	9.58	R
Nov 16	14.57	V	Aug 22	8.29	R	Feb 29	6.62	R	Aug 28	9.70	R
Dec 23	14.50	V	Sep 27	8.57	R	Mar 26	6.55	R	Sep 23	9.53	R
Jan 13, 1993	14.06	V	Oct 24	8.57	R	Apr 29	6.92	R	Nov 06	9.25	R
Feb 11	7.24	V	Nov 28	8.25	R	May 30	7.51	R	Nov 27	9.17	R
Mar 03	5.63	V	Dec 19	8.12	R	Jul 02	8.02	R	Dec 30	8.83	R
Mar 23	5.46	V	Jan 23, 1995	7.36	R	Jul 30	8.46	R	Jan 29, 1998	8.83	R
May 19	6.00	V	Feb 27	6.44	R	Aug 20	8.78	R	Feb 27	7.70	R
Jul 21	6.96	V	Mar 28	5.49	R	Sep 26	9.01	R	Mar 26	7.64	R
Aug 28	7.40	V	Apr 24	5.87	R	Oct 21	9.21	R	Apr 23	7.89	R
Sep 21	7.50	V	May 24	6.23	R	Nov 26	8.44	R	May 26	7.68	R
Oct 19	7.52	V	Jun 26	6.72	R	Jan 02, 1997	8.08	R	Jun 24	8.29	R
Nov 17	7.18	V	Jul 24	7.20	R	Jan 30	7.86	R	Jul 28	8.66	R
Dec 21	6.72	V	Aug 28	7.66	RS	Feb 27	4.81	R	Aug 24	9.15	R
Jan 20, 1994	6.65	V	Sep 25	8.81	R	Mar 27	8.06	R	Sep 26	9.22	R

HIGHEST	4.81	Feb 27, 1997
LOWEST	14.57	Nov 16, 1992

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N002W03E001S
Site identification number 345407117034701
Common name F-2 NO 1
Northwest of Barstow. Drilled observation well. Diameter 2 inches, depth measured 158.9 feet, perforated 140–160 feet. Altitude of land-surface datum 2,140 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1993.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Mar 11, 1993	22.75	V	Jul 26, 1994	46.81	R	Dec 18, 1995	40.07	R	May 28, 1997	52.86	R
Mar 17	21.72	V	Aug 22	48.13	R	Jan 31, 1996	41.38	R	Jun 30	55.61	R
Mar 20	21.12	V	Sep 30	50.05	R	Feb 29	42.19	R	Jul 30	56.65	R
Mar 23	20.78	V	Oct 24	51.08	R	Mar 27	42.80	R	Aug 28	57.57	R
Apr 30	22.51	V	Nov 28	52.35	R	Apr 29	41.62	R	Sep 23	58.49	R
May 19	24.53	V	Dec 19	52.80	R	May 30	44.57	R	Nov 06	59.55	R
May 20	24.67	V	Jan 23, 1995	51.30	R	Jul 02	45.86	R	Nov 27	59.91	R
Jul 20	29.96	V	Feb 27	40.93	R	Jul 30	47.16	R	Dec 30	60.04	R
Aug 28	33.09	V	Mar 28	19.69	R	Aug 21	49.94	R	Jan 29, 1998	60.11	R
Sep 21	34.68	V	Apr 24	23.80	R	Sep 26	50.10	R	Mar 02	51.36	R
Oct 19	36.51	V	May 24	26.72	R	Oct 21	51.15	R	Mar 26	51.26	R
Nov 18	35.12	V	Jun 26	29.14	R	Nov 27	52.20	R	Apr 23	48.17	R
Dec 28	36.65	V	Jul 24	31.14	R	Jan 02, 1997	52.68	R	May 26	33.10	R
Jan 25, 1994	40.46	V	Aug 28	33.68	R	Jan 30	52.98	R	Jun 24	40.45	R
Mar 13	41.90	V	Sep 25	35.58	R	Feb 27	53.02	R	Jul 28	42.29	R
Apr 12	42.62	V	Oct 30	37.71	R	Mar 27	53.37	R	Aug 24	44.82	R
Jun 07	44.57	V	Nov 27	39.21	R	Apr 29	53.97	R	Sep 26	46.44	R
Jul 25	46.81	V									

HIGHEST	19.69	Mar 28, 1995
LOWEST	60.11	Jan 29, 1998

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N002W03A001S
Site identification number 345421117035301
Common name F-1 NO 1
Northwest of Barstow. Drilled observation well. Diameter 2 inches, depth measured 120.0 feet in 1996, perforated 100–120 feet. Altitude of land-surface datum 2,139 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1993.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Mar 08, 1993	72.73	V	Aug 22, 1994	44.71	R	Jan 31, 1996	38.75	R	Jun 30, 1997	55.65	R
Mar 17	60.45	V	Sep 30	46.44	R	Feb 29	40.00	R	Jul 30	56.63	R
Mar 20	56.36	V	Oct 24	47.60	R	Mar 27	40.59	R	Aug 28	57.47	R
Mar 23	53.85	V	Nov 28	49.35	R	Apr 29	41.57	R	Sep 23	58.40	R
May 20	24.52	V	Dec 19	50.26	R	May 30	42.31	R	Nov 06	59.50	R
Jun 23	25.58	V	Jan 23, 1995	51.53	R	Jul 02	43.28	R	Nov 27	60.07	R
Jul 20	27.58	V	Feb 27	51.49	R	Jul 30	44.39	R	Dec 30	60.36	R
Aug 28	30.37	V	Mar 28	41.10	R	Aug 21	45.27	R	Jan 29, 1998	60.61	R
Sep 21	31.97	V	Apr 24	29.27	R	Sep 26	46.98	R	Feb 27	61.06	R
Oct 19	33.58	V	May 24	24.98	R	Oct 21	48.45	R	Mar 26	60.00	R
Nov 18	34.17	V	Jun 26	26.53	R	Nov 27	50.18	R	Apr 23	57.17	R
Dec 28	37.01	V	Jul 24	28.49	R	Jan 02, 1997	51.40	R	May 26	52.33	R
Jan 25, 1994	37.77	V	Aug 28	30.75	R	Jan 30	52.49	R	Jun 24	45.18	R
Mar 13	39.65	V	Sep 25	32.39	R	Feb 27	52.73	R	Jul 28	42.47	R
Apr 12	40.24	V	Oct 30	34.49	R	Mar 27	53.44	R	Aug 24	42.96	R
Jun 07	41.61	V	Nov 27	36.11	R	Apr 28	54.14	R	Sep 26	44.48	R
Jul 26	43.69	R	Dec 18	37.12	R	May 28	54.72	R			

HIGHEST	24.52	May 20, 1993
LOWEST	72.73	Mar 08, 1993

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N002W03A002S
Site identification number 345421117035302
Common name F-1 NO 2
Northwest of Barstow. Drilled observation well. Diameter 2 inches, depth measured 51.5 feet in 1996, perforated 35–55 feet. Altitude of land-surface datum 2,139 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1993.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Mar 08, 1993		VD	Jul 26, 1994	42.91	R	Dec 18, 1995	36.43	R	May 28, 1997		RD
Mar 17		VD	Aug 22	43.80	R	Jan 31, 1996	38.08	R	Jun 30		RD
Mar 20		VD	Sep 30	45.29	R	Feb 29	39.43	R	Jul 30		RD
Mar 23		VD	Oct 24	46.33	R	Mar 27	40.07	R	Aug 28		RD
May 20	24.21	V	Nov 28	47.73	R	Apr 29	41.27	R	Sep 23		RD
Jun 23	26.53	V	Dec 19	48.50	R	May 30	41.93	R	Nov 06		RD
Jul 20	28.20	V	Jan 23, 1995	51.00	R	Jul 02	42.85	R	Nov 27		RD
Aug 28	30.06	V	Feb 27	51.40	R	Jul 30	43.81	R	Dec 30		RD
Sep 21	30.98	S	Mar 28	45.99	R	Aug 21	44.63	R	Jan 29, 1998		RD
Oct 19	33.12	V	Apr 24	33.74	R	Sep 26	45.99	R	Feb 27		RD
Nov 18	32.79	V	May 24	25.90	R	Oct 21	47.13	R	Mar 26		RD
Dec 28	36.03	V	Jun 26	27.72	R	Nov 27	48.47	R	Apr 23		RD
Jan 25, 1994	36.88	V	Jul 24	29.12	R	Jan 02, 1997	51.34	R	May 26		RD
Mar 13	38.99	V	Aug 28	30.55	R	Jan 30		RD	Jun 24	44.87	R
Apr 12	39.65	V	Sep 25	31.97	R	Feb 27		RD	Jul 28	42.20	R
Jun 07	41.32	V	Oct 30	33.91	R	Mar 27		RD	Aug 24	41.77	R
Jul 25	42.91	V	Nov 27	35.44	R	Apr 28	51.40	R	Sep 26	43.11	R

HIGHEST	24.21	May 20, 1993
LOWEST	51.40	Feb 27, 1995; Apr 28, 1997

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N002W03E001S
Site identification number 345406117044001
Common name F-3 NO 1
Northwest of Barstow. Drilled observation well. Diameter 2 inches, depth measured 226.1 feet in 1996, perforated 210–230 feet. Altitude of land-surface datum 2,150 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1993.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Mar 11, 1993	24.69	V	Aug 22, 1994	49.13	R	Jan 31, 1996	41.71	R	Jun 30, 1997	53.91	R
Mar 17	23.58	V	Sep 30	51.53	R	Feb 29	42.44	R	Jul 30	54.75	R
Mar 20	22.86	V	Oct 24	51.29	R	Mar 27	42.94	R	Aug 28	55.52	R
Mar 23	22.28	V	Nov 28	52.29	R	Apr 29	43.64	R	Sep 23	56.36	R
Apr 30	28.69	V	Dec 19	52.75	R	May 30	44.40	R	Nov 06	57.44	R
Jul 20	36.20	V	Jan 23, 1995	51.51	R	Jul 02	45.29	R	Nov 27	57.91	R
Aug 28	38.34	V	Feb 27	42.94	R	Jul 30	46.25	R	Dec 30	58.31	R
Sep 21	41.20	S	Mar 28	22.88	R	Aug 21	47.08	R	Jan 29, 1998	74.73	R
Oct 18	40.65	V	Apr 24	28.20	R	Sep 26	48.39	R	Mar 02	49.34	R
Nov 18	41.60	V	May 24	31.14	R	Oct 21	49.29	R	Mar 26	51.48	R
Dec 23	42.87	V	Jun 26	33.08	R	Nov 27	50.31	R	Apr 23	46.66	R
Jan 25, 1994	43.57	V	Jul 24	34.52	R	Jan 02, 1997	50.95	R	May 26	31.86	R
Mar 13	39.73	V	Aug 28	36.21	R	Jan 30	51.42	R	Jun 24	38.67	R
Apr 12	45.20	V	Sep 25	37.44	R	Feb 27	51.61	R	Jul 28	41.10	R
Jun 07	46.75	V	Oct 30	38.95	R	Mar 27	52.06	R	Aug 24	42.63	R
Jul 25	48.25	V	Nov 27	40.02	R	Apr 29	52.59	R	Sep 26	44.18	R
Jul 26	48.25	R	Dec 18	40.66	R	May 28	53.13	R			

HIGHEST	22.28	Mar 23, 1993
LOWEST	74.73	Jan 29, 1998

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N002W03E002S
Site identification number 345406117044002
Common name F-3 NO 2
Northwest of Barstow. Drilled observation well. Diameter 2 inches, depth measured 184.3 feet in 1996, perforated 165–185 feet. Altitude of land-surface datum 2,150 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1993.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Mar 11, 1993	24.39	V	Aug 22, 1994	49.22	R	Jan 31, 1996	41.75	R	Jun 30, 1997	53.95	R
Mar 17	23.33	V	Sep 30	50.59	R	Feb 29	42.45	R	Jul 30	54.78	R
Mar 20	22.63	V	Oct 24	51.39	R	Mar 27	42.99	R	Aug 28	55.51	R
Mar 23	22.04	V	Nov 28	52.42	R	Apr 29	43.69	R	Sep 23	56.32	R
Apr 30	28.71	V	Dec 19	52.85	R	May 30	44.46	R	Nov 06	57.50	R
Jul 20	36.25	V	Jan 23, 1995	51.60	R	Jul 02	45.34	R	Nov 27	58.02	R
Aug 28	38.40	V	Feb 27	42.95	R	Jul 30	46.24	R	Dec 30	58.49	R
Sep 21	39.42	S	Mar 28	22.66	R	Aug 21	47.16	R	Jan 29, 1998	73.92	R
Oct 19	40.23	V	Apr 24	28.22	R	Sep 26	48.47	R	Mar 02	49.09	R
Nov 18	40.05	V	May 24	31.17	R	Oct 21	49.31	R	Mar 26	51.54	R
Dec 23	42.95	V	Jun 26	33.13	R	Nov 27	50.31	R	Apr 23	46.68	R
Jan 25, 1994	43.67	V	Jul 24	34.54	R	Jan 02, 1997	50.93	R	May 26	31.80	R
Mar 13	38.91	V	Aug 28	36.25	R	Jan 30	51.44	R	Jun 24	38.68	R
Apr 12	45.29	V	Sep 25	37.47	R	Feb 27	51.75	R	Jul 28	41.16	R
Jun 07	46.84	V	Oct 30	38.96	R	Mar 27	52.20	R	Aug 24	42.68	R
Jul 25	48.35	V	Nov 27	40.11	R	Apr 29	52.70	R	Sep 26	43.37	R
Jul 26	48.35	R	Dec 18	40.71	R	May 28	53.17	R			

HIGHEST	22.04	Mar 23, 1993
LOWEST	73.92	Jan 29, 1998

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N002W03E003S
Site identification number 345406117044003
Common name F-3 NO 3
Northwest of Barstow. Drilled observation well. Diameter 2 inches, depth measured 121.0 feet in 1996, perforated 100–120 feet. Altitude of land-surface datum 2,150 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1993.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Mar 11, 1993	21.23	V	Aug 22, 1994	48.52	R	Jan 31, 1996	40.06	R	Jun 30, 1997	53.14	R
Mar 17	20.40	V	Sep 30	49.91	R	Feb 29	41.81	R	Jul 30	53.99	R
Mar 20	19.68	V	Oct 24	50.62	R	Mar 27	42.34	R	Aug 28	54.66	R
Mar 23	19.23	V	Nov 28	51.66	R	Apr 29	43.00	R	Sep 23	55.49	R
Apr 30	28.04	V	Dec 19	52.11	R	May 30	43.56	R	Nov 06	56.61	R
Jul 20	35.83	V	Jan 23, 1995	50.63	R	Jul 02	44.64	R	Nov 27	57.07	R
Aug 28	37.93	V	Feb 27	41.11	R	Jul 30	45.51	R	Dec 30	57.54	R
Sep 21	38.90	S	Mar 28	19.81	R	Aug 21	46.32	R	Jan 29, 1998	71.36	R
Oct 19	40.34	V	Apr 24	27.48	R	Sep 26	47.61	R	Mar 02	46.00	R
Nov 18	39.95	V	May 24	30.66	R	Oct 21	48.51	R	Mar 26	50.73	R
Dec 23	42.44	V	Jun 26	32.64	VR	Nov 27	49.54	R	Apr 23	45.43	R
Jan 25, 1994	43.15	V	Jul 24	34.04	R	Jan 02, 1997	50.21	R	May 26	29.83	R
Mar 13	44.28	V	Aug 28	35.66	R	Jan 30	50.74	R	Jun 24	37.79	R
Apr 12	44.77	V	Sep 25	36.86	R	Feb 27	50.96	R	Jul 28	40.36	R
Jun 07	46.26	V	Oct 30	38.33	R	Mar 27	51.40	R	Aug 24	41.89	R
Jul 25	47.69	V	Nov 27	39.41	R	Apr 29	51.91	R	Sep 26	44.24	R
Jul 26	47.69	R	Dec 18	40.05	R	May 28	52.41	R			

HIGHEST	19.23	Mar 23, 1993
LOWEST	71.36	Jan 29, 1998

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N002W06H006S
Site identification number 345402117070401
Common name LENWOOD 5 AT 99
North of Lenwood. Drilled observation well. Diameter 2 inches, depth measured 98.3 feet in 1996, perforated 95–99 feet. Altitude of land-surface datum 2,180 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1994.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Jun 07, 1994	70.63	V	Jun 23, 1994	73.4	R	Dec 19, 1994	71.11	R	Nov 27, 1996	65.72	R
Jun 07	71.1	R	Jun 23	73.5	R	Jan 23, 1995	69.55	R	Jan 02, 1997	64.58	R
Jun 08	70.29	V	Jun 24	74.4	R	Feb 27	66.80	R	Jan 30	63.26	R
Jun 08	71.2	R	Jun 24	72.2	R	Mar 28	58.44	RS	Feb 27	63.40	R
Jun 09	71.11	V	Jun 25	74.3	R	Apr 24	49.00	R	Mar 27	65.79	R
Jun 09	72.7	R	Jun 25	69.2	R	May 24	47.61	R	Apr 29	67.52	R
Jun 10	72.15	VS	Jun 26	74.2	R	Jun 26	60.60	RS	May 28	69.40	R
Jun 13	73.2	R	Jun 26	74.1	R	Jul 24	61.75	R	Jun 30	70.43	R
Jun 14	71.9	R	Jun 27	74.1	R	Aug 28	62.80	RS	Jul 30	71.37	R
Jun 14	72.4	R	Jun 27	74.7	R	Sep 25	83.06	R	Aug 28	72.47	R
Jun 15	73.0	R	Jun 28	74.7	R	Oct 30	62.22	R	Sep 23	73.26	R
Jun 15	73.3	R	Jun 28	74.7	R	Nov 27	60.73	R	Nov 06	73.74	R
Jun 16	74.1	R	Jun 29	75.2	R	Dec 18	60.01	R	Nov 27	72.28	R
Jun 17	73.7	R	Jun 29	75.2	R	Jan 31, 1996	58.48	R	Dec 30	72.01	R
Jun 18	73.6	R	Jun 30	75.0	R	Feb 29	56.06	R	Jan 29, 1998	71.21	R
Jun 18	74.0	R	Jun 30	72.7	R	Mar 27	58.67	R	Mar 02	70.65	R
Jun 19	73.6	R	Jul 01	75.3	R	Apr 29	62.45	R	Mar 26	69.10	R
Jun 19	73.5	R	Jul 25	73.96	R	May 30	62.52	R	Apr 23	64.20	R
Jun 20	73.7	R	Jul 26	73.11	R	Jul 02	65.61	R	May 26	54.52	R
Jun 20	73.4	R	Aug 22	74.09	R	Jul 30	66.19	R	Jun 24	54.58	R
Jun 21	73.7	R	Aug 26	74.41	V	Aug 21	67.10	R	Jul 28	57.72	R
Jun 21	73.50	R	Sep 26	74.31	R	Sep 26	67.68	R	Aug 24	58.41	R
Jun 22	73.9	R	Oct 24	73.09	R	Oct 21	68.20	R	Sep 26	59.27	R
Jun 22	73.0	R	Nov 28	71.36	R						

HIGHEST	47.61	May 24, 1995
LOWEST	83.06	Sep 25, 1995

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N002W06L011S
Site identification number 345350117074001
Common name LENWOOD 1 at 200
North of Lenwood. Drilled observation well. Diameter 2 inches, depth measured 199.3 feet in 1996, perforated 190–200 feet. Altitude of land-surface datum 2,185 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1994.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Jun 04, 1994	65.61	V	Apr 24, 1995	45.37	R	Aug 21, 1996	62.70	R	Sep 23, 1997	69.55	R
Jun 07	65.61	V	May 24	51.53	R	Sep 26	63.99	R	Nov 06	69.69	R
Jul 25	67.93	R	Jun 26	54.78	R	Oct 21	64.50	R	Nov 27	68.95	R
Jul 28	67.94	V	Jul 24	56.54	R	Nov 27	62.53	R	Dec 30	67.99	R
Aug 22	68.71	R	Aug 28	58.21	R	Jan 02, 1997	60.82	R	Jan 29, 1998	67.28	R
Sep 26	69.44	R	Nov 27	56.91	R	Jan 30	59.98	R	Mar 02	64.26	R
Oct 24	69.09	R	Dec 18	56.16	R	Feb 27	61.05	R	Mar 26	63.51	R
Nov 28	67.51	R	Jan 31, 1996	54.93	R	Mar 27	62.21	R	Apr 23	52.17	R
Dec 19	66.83	R	Feb 29	55.53	R	Apr 29	64.63	R	May 26	36.91	R
Jan 12, 1995	65.93	V	Mar 27	55.54	R	May 28	65.73	R	Jun 24	47.64	R
Jan 23	64.91	R	Apr 29	58.20	R	Jun 30	67.11	R	Jul 28	52.28	R
Feb 27	58.74	R	May 30	59.43	R	Jul 30	68.40	R	Aug 24	53.52	R
Mar 08	55.29	V	Jul 02	61.21	R	Aug 28	69.35	R	Sep 26	54.89	R
Mar 28	43.12	R	Jul 30	62.29	R						

HIGHEST	36.91	May 26, 1998
LOWEST	69.69	Nov 06, 1997

State well number 009N002W06L012S
Site identification number 345350117074002
Common name LENWOOD 1 at 155
North of Lenwood. Drilled observation well. Diameter 2 inches, depth measured 154.9 feet in 1996, perforated 135–155 feet. Altitude of land-surface datum 2,185 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1994.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Jun 07, 1994	63.61	V	May 24, 1995	49.62	R	Jul 30, 1996	60.60	R	Sep 23, 1997	67.96	R
Jul 25	65.57	R	Jun 26	52.72	R	Aug 21	61.00	R	Nov 06	67.98	R
Jul 28	65.85	V	Jul 24	54.35	R	Sep 26	62.38	R	Nov 27	67.07	R
Aug 22	66.53	R	Aug 28	56.08	R	Oct 21	62.92	R	Dec 30	66.11	R
Sep 26	67.43	R	Sep 25	56.91	R	Nov 27	60.77	R	Jan 29, 1998	85.38	R
Oct 24	67.16	R	Oct 30	56.34	R	Jan 02, 1997	58.93	R	Mar 02	61.29	R
Nov 28	65.64	R	Nov 27	54.80	R	Jan 30	57.96	R	Mar 26	61.40	R
Dec 19	64.92	R	Dec 18	56.13	R	Feb 27	59.64	R	Apr 23	47.88	R
Jan 12, 1995	63.98	V	Jan 31, 1996	53.03	R	Mar 27	60.64	R	May 26	31.81	R
Jan 23	62.79	R	Feb 29	52.49	R	Apr 29	63.32	R	Jun 24	45.35	R
Feb 27	55.70	R	Mar 27	53.87	R	May 28	64.21	R	Jul 28	50.35	R
Mar 08	54.73	V	Apr 29	56.62	R	Jun 30	65.75	R	Aug 24	51.56	R
Mar 28, 1995	38.56	R	May 30, 1996	57.79	R	Jul 30, 1997	66.90	R	Sep 26, 1998	52.90	R
Apr 24	33.11	R	Jul 02	59.62	R	Aug 28	67.85	R			

HIGHEST	31.81	May 26, 1998
LOWEST	85.38	Jan 29, 1998

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N002W06L013S
Site identification number 345350117074003
Common name LENWOOD 1 at 95
North of Lenwood. Drilled observation well. Diameter 2 inches, depth measured 95.7 feet in 1996, perforated 75–95 feet. Altitude of land-surface datum 2,185 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1994.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Jun 07, 1994	62.81	V	Apr 24, 1995	41.22	R	Jul 02, 1996	58.91	R	Aug 28, 1997	67.56	R
Jun 09	62.81	V	May 24	48.72	R	Jul 30	60.15	R	Sep 23	66.58	R
Jul 25	64.73	R	Jun 26	51.94	R	Aug 21	60.64	R	Nov 06	67.73	R
Jul 28	64.86	V	Jul 24	53.65	R	Sep 26	61.93	R	Nov 27	67.73	R
Aug 22	65.70	R	Aug 28	55.43	R	Oct 21	62.43	R	Dec 30	65.75	R
Sep 26	66.68	R	Sep 25	56.41	R	Nov 27	60.61	R	Jan 29, 1998	85.17	R
Oct 24	66.66	R	Oct 30	55.93	R	Jan 02, 1997	58.74	R	Mar 02	61.62	R
Nov 28	65.23	R	Nov 27	54.62	R	Jan 30	57.82	R	Mar 26	60.60	R
Dec 19	64.52	R	Dec 18	55.89	R	Feb 27	59.19	R	Apr 23	46.60	R
Jan 12, 1995	63.65	V	Jan 31, 1996	52.71	R	Mar 27	60.31	R	May 26	29.52	R
Jan 23	62.46	R	Feb 29	52.33	R	Apr 29	62.78	R	Jun 24	44.44	R
Feb 27	54.32	R	Mar 27	55.36	R	May 28	63.70	R	Jul 28	59.83	R
Mar 08, 1995	50.82	V	Apr 29, 1996	56.02	R	Jun 30, 1997	65.13	R	Aug 24, 1998	51.00	R
Mar 28	35.25	R	May 30	57.27	R	Jul 30	66.51	R	Sep 26	52.51	R

HIGHEST	29.52	May 26, 1998
LOWEST	85.17	Jan 29, 1998

State well number 009N002W06L014S
Site identification number 345350117074004
Common name LENWOOD 1 at 50
North of Lenwood. Drilled observation well. Diameter 2 inches, depth measured 51.2 feet in 1996, perforated 40–50 feet. Altitude of land-surface datum 2,185 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1994.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Jul 25, 1994		VD	Jul 24, 1995		RD	Aug 21, 1996		RD	Sep 23, 1997		RD
Jul 28		VD	Aug 28		RD	Sep 26		RD	Nov 06		RD
Aug 22		VD	Sep 25		RD	Oct 21		RD	Nov 27		RD
Sep 26		VD	Oct 30		RD	Nov 27		RD	Dec 30		RD
Oct 24		VD	Nov 27		RD	Jan 02, 1997		RD	Jan 29, 1998		RD
Nov 28		VD	Dec 18		RD	Jan 30		RD	Mar 02		RD
Dec 19		VD	Jan 31, 1996		RD	Feb 27		RD	Mar 26		RD
Jan 23, 1995		VD	Feb 29		RD	Mar 27		RD	Apr 23	49.75	R
Feb 27		RD	Mar 27		RD	Apr 29		RD	May 26	27.50	R
Mar 28	33.36	R	Apr 29		RD	May 28		RD	Jun 24	43.09	R
Apr 24	39.86	R	May 30		RD	Jun 30		RD	Jul 28	48.69	R
May 24	47.34	R	Jul 02		RD	Jul 30		RD	Aug 24	50.30	R
Jun 26	50.29	R	Jul 30		RD	Aug 28		RD	Sep 26		RD

HIGHEST	27.50	May 26, 1998
LOWEST	50.30	Aug 24, 1998

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N002W06M007S
Site identification number 345448117075101
Common name LENWOOD 2 at 97
Off Dixie Road in Lenwood. Drilled observation well. Diameter 2 inches, depth 97 feet, perforated 77–97 feet. Altitude of land-surface datum 2,189 feet. Water-level records available since 1994.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Apr 14, 1994	63.84	V	May 24, 1995	51.69	V	Jul 30, 1996	63.65	R	Sep 23, 1997	70.85	R
Jun 07	65.82	V	Jun 26	55.03	V	Aug 21	63.83	R	Nov 06	70.83	R
Jul 25	67.66	V	Jul 24	56.60	V	Sep 26	65.51	R	Nov 27	69.82	R
Jul 29	67.82	V	Aug 28	58.41	V	Oct 21	65.98	R	Dec 30	68.79	R
Aug 03	68.00	V	Sep 25	79.43	V	Nov 27	63.71	R	Jan 29, 1998	68.18	R
Aug 22	68.64	V	Oct 30	79.92	V	Jan 02, 1997	61.66	R	Mar 02	64.08	R
Sep 26	69.68	V	Nov 27	67.25	V	Jan 30	60.71	R	Mar 26	63.49	R
Oct 24	69.77	V	Dec 18	56.56	V	Feb 27	63.01	R	Apr 24	48.49	R
Nov 28	68.23	V	Jan 31, 1996	55.61	V	Mar 27	63.83	R	May 26	32.17	R
Dec 19	67.45	V	Feb 29	55.17	V	Apr 29	66.69	R	Jun 24	47.43	R
Jan 23, 1995	65.25	V	Mar 27	56.99	V	May 28	67.29	R	Jul 28	53.06	R
Feb 27	56.91	V	Apr 29	59.72	R	Jun 30	68.85	R	Aug 24	53.99	R
Mar 28	37.98	V	May 30	60.86	R	Jul 30	70.22	R	Sep 26	55.72	R
Apr 24	44.27	V	Jul 02	62.31	R	Aug 28	71.20	R			

HIGHEST	32.17	May 26, 1998
LOWEST	79.92	Oct 30, 1995

State well number 009N002W06P001S
Site identification number 345347117074101
Common name LENWOOD 3 at 95
Off Dixie Road in Lenwood. Drilled observation well. Diameter 2 inches, depth measured 94.0 feet in 1997, perforated 75.5–95.5 feet. Altitude of land-surface datum 2,184 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1994.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Apr 16, 1994	58.97	V	Jun 26, 1995	50.00	V	Jul 30, 1996	58.44	R	Sep 23, 1997	66.02	R
Jun 07	60.92	V	Jul 24	51.67	V	Aug 21	58.82	R	Nov 06	66.19	R
Jul 25	62.81	V	Aug 16	52.90	V	Sep 26	60.31	R	Nov 27	64.92	R
Jul 28	62.89	V	Aug 28	53.46	V	Oct 21	60.81	R	Dec 30	64.33	R
Aug 22	63.80	V	Sep 25	54.46	V	Nov 27	59.07	R	Jan 29, 1998	63.78	R
Sep 26	64.79	V	Oct 30	54.13	V	Jan 02, 1997	57.29	R	Mar 02	57.42	R
Oct 24	64.84	V	Nov 27	52.85	V	Jan 30	56.41	R	Mar 26	65.00	R
Nov 28	63.53	V	Dec 18	52.17	V	Feb 27	57.91	R	Apr 23	50.32	R
Dec 19	62.84	V	Jan 31, 1996	51.11	V	Mar 27	58.92	R	May 26	22.28	R
Jan 23, 1995	60.51	V	Feb 29	50.74	V	Apr 29	61.82	R	Jun 24	42.26	R
Feb 27	51.69	V	Mar 27	51.84	V	May 28	62.22	R	Jul 28	47.83	R
Mar 28	28.33	V	Apr 29	54.36	R	Jun 30	63.67	R	Aug 24	49.12	R
Apr 24	38.77	V	May 30	55.63	R	Jul 30	65.01	R	Sep 26	40.70	R
May 24	46.70	V	Jul 02	57.19	R	Aug 28	66.03	R			

HIGHEST	22.28	May 26, 1998
LOWEST	66.19	Nov 06, 1997

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N002W06P002S
Site identification number 345345117074901
Common name LENWOOD 4 at 94
Off Dixie Road in Lenwood. Drilled observation well. Diameter 2 inches, depth 94 feet, perforated 74–94 feet. Altitude of land-surface datum 2,187 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1994.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Jun 07, 1994	60.07	V	Jun 26, 1995	49.16	V	Jul 30, 1996	57.99	R	Sep 23, 1997	65.53	R
Jul 25	61.91	V	Jul 24	50.74	V	Aug 21	58.27	R	Nov 06	65.58	R
Jul 29	62.03	V	Aug 15	61.89	V	Sep 26	59.92	R	Nov 27	64.58	R
Aug 03	62.21	V	Aug 28	52.53	V	Oct 21	60.42	R	Dec 30	63.64	R
Aug 22	62.88	V	Sep 25	53.61	V	Nov 27	58.36	R	Jan 29, 1998	63.07	R
Sep 26	63.94	V	Oct 30	53.36	V	Jan 02, 1997	56.46	R	Mar 02	54.38	R
Oct 24	64.11	V	Nov 27	51.71	V	Jan 30	55.58	R	Mar 26	57.98	R
Nov 28	62.72	V	Dec 18	50.08	V	Feb 27	57.75	R	Apr 23	38.40	R
Dec 19	62.01	V	Jan 31, 1996	50.21	V	Mar 27	58.58	R	May 26	20.69	R
Jan 23, 1995	59.41	V	Feb 29	49.75	V	Apr 29	61.33	R	Jun 24	41.29	R
Feb 27	48.73	V	Mar 27	51.48	V	May 28	61.93	R	Jul 28	43.10	R
Mar 28	26.37	V	Apr 29	54.09	R	Jun 30	63.46	R	Aug 24	48.20	R
Apr 24	37.77	V	May 30	55.22	R	Jul 30	64.82	R	Sep 26	49.95	R
May 24	45.77	V	Jul 02	56.68	R	Aug 28	65.82	R			

HIGHEST	20.69	May 26, 1998
LOWEST	65.82	Aug 28, 1997

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N003W01R005S
Site identification number 345341117082101
Common name VERNOLA 1 at 330
Northwest of Lenwood. Drilled observation well. Diameter 2 inches, depth measured 328.4 feet in 1996, perforated 310–330 feet. Altitude of land-surface datum 2,195 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1992.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Apr 21, 1992	104.64	S	Jan 25, 1994	72.62	V	Sep 25, 1995	81.50	V	Apr 29, 1997	88.15	RS
May 13	108.65	V	Mar 12	67.12	V	Oct 30	74.31	VS	May 28	85.29	RS
Jun 11	120.06	V	Apr 12	78.68	V	Nov 27	63.13	V	Jun 30	87.07	RS
Jun 25	119.45	S	Jun 07	82.95	VS	Dec 18	62.83	V	Jul 30	88.19	RS
Jun 30	120.63	S	Jul 25	85.34	V	Jan 31, 1996	68.75	VS	Aug 28	87.27	R
Oct 06	117.70	V	Jul 26	85.34	V	Feb 29	60.44	V	Sep 23	87.51	R
Nov 16	107.27	V	Aug 22	86.81	V	Mar 27	75.88	VS	Nov 06	84.98	R
Jan 13, 1993	103.80	V	Sep 26	86.23	V	Apr 29	79.02	RS	Nov 27	75.42	RS
Feb 03	88.30	S	Oct 24	84.17	VS	May 30	79.53	R	Dec 30	76.44	RS
Feb 12	83.05	V	Nov 28	78.60	VS	Jul 02	75.67	RS	Jan 29, 1998	74.85	R
Mar 22	72.53	VS	Dec 19	75.36	VS	Jul 30	82.69	RS	Mar 02	71.42	R
May 20	78.00	VS	Jan 23, 1995	70.57	V	Aug 21	83.75	RS	Mar 26	78.65	RP
Jun 22	81.52	V	Feb 27	69.43	V	Sep 26	82.22	R	Apr 23	70.11	RP
Jul 28	82.53	VS	Mar 28	72.71	V	Oct 21	81.91	R	May 26	55.03	R
Aug 27	79.10	V	Apr 24	68.28	VS	Nov 27	69.21	R	Jun 24	62.15	R
Sep 24	83.30	V	May 24	70.46	VS	Jan 02, 1997	68.59	R	Jul 28	68.18	R
Oct 19	84.70	V	Jun 26	76.75	VS	Jan 30	67.45	R	Aug 24	86.60	RS
Nov 18	75.10	VS	Jul 24	78.50	VS	Mar 27	78.52	R	Sep 26	68.56	RS
Dec 21	68.20	V	Aug 28	78.20	VS						

HIGHEST	55.03	May 26, 1998
LOWEST	120.63	Jun 30, 1992

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N003W01R006S
Site identification number 345341117082102
Common name VERNOLA 1 at 210
Northwest of Lenwood. Drilled observation well. Diameter 2 inches, depth measured 209.8 feet in 1996, perforated 190–210 feet. Altitude of land-surface datum 2,195 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1992.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Apr 21, 1992	102.20	V	Jan 25, 1994	70.61	V	Oct 30, 1995	69.77	VS	Apr 29, 1997	80.94	RS
May 13	104.22	V	Mar 12	66.88	V	Nov 27	63.83	V	May 28	75.56	RS
Jun 11	112.80	S	Apr 12	74.56	VS	Dec 18	63.29	V	Jun 30	82.08	RS
Jun 25	112.34	S	Jun 07	76.98	VS	Jan 31, 1996	66.05	VS	Jul 30	83.01	RS
Jun 30	112.94	S	Jul 25	80.95	V	Feb 29	60.36	V	Aug 28	83.24	RS
Oct 06	113.04	V	Aug 22	79.80	V	Mar 27	70.09	VS	Sep 23	83.00	R
Nov 16	107.57	V	Sep 26	80.87	V	Apr 29	72.86	RS	Nov 06	80.11	R
Jan 13, 1993	104.11	V	Oct 24	79.54	VS	May 30	73.70	R	Nov 27	75.31	RS
Feb 03	83.93	S	Nov 28	76.41	VS	Jul 02	71.04	RS	Dec 30	76.00	RS
Feb 12	78.42	V	Dec 19	74.60	VS	Jul 30	76.37	RS	Jan 29, 1998	74.04	R
Mar 22	59.82	VS	Jan 23, 1995	70.51	V	Aug 21	76.18	RS	Mar 02	70.43	R
May 20	68.98	VS	Feb 27	65.97	V	Sep 26	77.23	R	Mar 26	75.59	R
Jun 22	73.45	V	Mar 27	78.36	V	Oct 21	76.43	R	Apr 23	63.81	R
Jul 28	75.51	VS	Apr 24	57.46	VS	Nov 27	69.11	R	May 26	46.50	R
Aug 27	72.88	V	May 24	63.56	VS	Jan 02, 1997	68.65	R	Jun 24	58.05	R
Sep 24	73.90	V	Jun 26	66.92	VS	Jan 30	67.47	R	Jul 28	63.67	R
Oct 19	79.02	V	Jul 24	67.42	VS	Feb 27	76.73	RS	Aug 24	83.26	RS
Nov 18	72.82	V	Aug 28	69.55	VS	Mar 27	73.38	R	Sep 26	64.51	RS
Dec 21	68.12	V	Sep 25	71.45	V						

HIGHEST	46.50	May 26, 1998
LOWEST	113.04	Oct 06, 1992

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N003W01R007S
Site identification number 345341117082103
Common name VERNOLA 1 at 130
Northwest of Lenwood. Drilled observation well. Diameter 2 inches, depth 118.4 feet in 1996, perforated 110–130 feet. Altitude of land-surface datum 2,195 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1992.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Apr 21, 1992	99.8	M	Nov 18, 1993	70.85	V	Aug 28, 1995	62.88	VS	Mar 27, 1997	68.22	R
May 07	101.74	S	Dec 21	67.70	V	Sep 25	64.02	V	Apr 29	72.05	RS
May 13	101.50	V	Jan 25, 1994	68.40	V	Oct 30	63.68	VS	May 28	71.95	RS
Jun 11	107.33	V	Mar 12	66.23	V	Nov 27	60.21	V	Jun 30	73.46	RS
Jun 25	107.56	S	Apr 12	68.25	V	Dec 18	59.95	V	Jul 30	74.67	RS
Jun 30	101.60	S	Jun 07	74.82	VS	Jan 31, 1996	61.07	VS	Aug 28	78.28	RS
Oct 06	110.02	V	Jul 25	74.45	V	Feb 29	58.31	V	Sep 23	75.30	R
Nov 16	107.65	V	Jul 26	74.45	V	Mar 27	63.17	V	Nov 06	74.83	R
Nov 19	107.21	S	Aug 22	68.20	V	Apr 29	65.58	RS	Nov 27	71.85	RS
Jan 13, 1993	103.82	V	Sep 26	69.54	V	May 30	66.23	R	Dec 30	71.19	RS
Feb 03	87.80	S	Oct 24	72.05	VS	Jul 02	66.48	RS	Jan 29, 1998	71.48	R
Feb 04	87.22	S	Nov 28	70.94	VS	Jul 30	68.71	RS	Mar 02	69.22	R
Feb 12	82.41	V	Dec 19	69.69	VS	Aug 21	69.20	RS	Mar 26	77.70	R
Mar 22	61.33	VS	Jan 23, 1995	67.14	V	Sep 26	69.44	R	Apr 23	59.83	R
May 20	64.91	VS	Feb 27	64.03	V	Oct 21	69.56	R	May 26	44.93	RS
Jun 22	68.58	V	Mar 27	55.42	V	Nov 27	65.89	R	Jun 24	53.55	R
Jul 28	71.52	VS	Apr 24	52.18	VS	Jan 02, 1997	65.03	R	Jul 28	79.00	R
Aug 27	70.35	V	May 24	57.65	VS	Jan 30	64.17	R	Aug 24	78.90	RS
Sep 24	72.90	V	Jun 26	60.41	VS	Feb 27	68.45	RS	Sep 26	59.90	RS
Oct 19	68.62	V	Jul 24	60.71	VS						

HIGHEST	53.55	Jun 24, 1998
LOWEST	110.02	Oct 06, 1992

State well number 009N003W14N001S
Site identification number 3451571174101201
Common name WELL B-7
In Lenwood. Drilled observation well. Diameter 2 inches, depth 75 feet, perforated 65–75 feet. Altitude of land-surface datum 2,222 feet. Water-level records available since 1997.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS
Jul 08, 1997	59.02	V

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N003W23C001S
Site identification number 345146117094301
Common name HODGE-2
West of Lenwood. Drilled observation well. Diameter 2 inches, depth measured 76.8 feet in 1996, perforated 57–77 feet. Altitude of land-surface datum 2,223 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1994.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Dec 06, 1994	62.03	V	Mar 08, 1995	50.44	V	May 30, 1996	52.21	R	Aug 28, 1997	68.39	R
Dec 08	62.12	V	Mar 28	37.74	V	Jul 02	53.91	R	Sep 23	69.20	R
Dec 09	61.87	V	Apr 24	33.40	V	Jul 30	55.48	R	Nov 06	70.21	R
Dec 12	62.09	V	May 24	35.72	V	Aug 21	56.62	R	Nov 27	70.47	R
Dec 13	62.18	V	Jun 26	37.99	V	Sep 26	58.32	R	Dec 30	70.70	R
Dec 14	62.28	V	Jul 25	39.91	V	Oct 22	59.33	R	Jan 29, 1998	70.88	R
Dec 15	62.25	V	Aug 28	41.89	V	Nov 27	60.00	R	Mar 02	70.13	R
Dec 16	62.13	V	Sep 25	43.34	V	Jan 02, 1997	60.42	R	Mar 26	64.03	R
Dec 16	62.31	V	Oct 30	44.66	V	Jan 30	60.80	R	Apr 23	51.20	R
Dec 19	62.23	V	Nov 27	45.63	V	Feb 27	61.19	R	May 26	36.90	R
Dec 21	62.33	V	Dec 18	46.24	V	Mar 27	62.14	R	Jun 24	33.52	R
Jan 12, 1995	62.53	V	Jan 31, 1996	47.32	V	Apr 29	61.57	R	Jul 28	36.68	R
Jan 23	61.38	V	Feb 29	48.21	V	May 28	64.71	R	Aug 24	40.25	R
Feb 27	53.12	V	Mar 27	49.00	V	Jun 30	65.92	R	Sep 26	41.96	R
Mar 02	52.18	V	Apr 29	50.92	R	Jul 30	67.25	R			

HIGHEST	33.40	Apr 24, 1995
LOWEST	70.88	Jan 29, 1998

State well number 009N003W23D002S
Site identification number 345136117101201
Common name WELL B-6
About 8 miles southwest of Barstow in Mojave River flood plain. Drilled observation well. Diameter 2 inches, depth measured 99 feet in 1997, perforated 95–100 feet. Altitude of land-surface datum 2,225 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1997.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS
Jul 08, 1997	59.49	V

State well number 009N003W23D003S
Site identification number 345147117101201
Common name WELL B-4
About 8 miles southwest of Barstow in Mojave River flood plain. Drilled observation well. Diameter 2 inches, depth measured 69.7 feet in 1997, perforated 60–70 feet. Altitude of land-surface datum 2,225 feet. Water-level records available since 1997.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Jul 08, 1997	58.06	V	Oct 15, 1997	62.70	V

HIGHEST	58.06	Jul 08, 1997
LOWEST	62.70	Oct 15, 1997

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N003W23F001S
Site identification number 345124117094301
Common name HODGE-1 NO 1
West of Lenwood. Drilled observation well. Diameter 2 inches, depth 585 feet, perforated 565–585 feet. Altitude of land-surface datum 2,227 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1994.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Dec 06, 1994	59.82	V	Mar 28, 1995	55.44	V	Apr 29, 1996	49.46	R	Jul 30, 1997	62.36	R
Dec 07	60.72	V	Apr 24	52.01	V	May 30	50.41	R	Aug 28	63.41	R
Dec 08	60.77	V	May 24	48.62	V	Jul 02	51.48	R	Sep 23	63.98	R
Dec 09	60.71	V	Jun 26	46.81	VS	Jul 30	52.74	R	Nov 06	64.80	R
Dec 12	60.51	V	Jul 25	46.40	V	Aug 21	53.50	R	Nov 27	65.00	R
Dec 13	60.56	V	Aug 16	46.31	V	Sep 26	54.73	R	Dec 30	65.06	R
Dec 14	60.59	V	Aug 28	48.18	V	Oct 22	55.65	R	Jan 29, 1998	65.13	R
Dec 15	60.56	V	Sep 07	47.89	V	Nov 27	55.96	R	Mar 02	65.01	R
Dec 16	60.46	V	Sep 25	47.17	V	Jan 02, 1997	56.07	R	Mar 26	64.34	R
Dec 19	60.47	V	Oct 30	47.06	V	Jan 30	56.50	R	Apr 23	62.10	R
Dec 21	60.48	V	Nov 27	47.22	V	Feb 27	56.46	R	May 26	57.46	R
Jan 12, 1995	60.22	V	Dec 18	47.16	V	Mar 27	57.51	R	Jun 24	53.20	R
Jan 23	60.15	V	Jan 31, 1996	47.19	V	Apr 27	58.75	R	Jul 28	50.21	R
Mar 02	59.45	V	Feb 29	47.58	V	May 28	59.81	R	Aug 24	48.98	R
Mar 08	60.57	V	Mar 27	47.95	V	Jun 30	61.08	R	Sep 26	48.15	R

HIGHEST	46.31	Aug 16, 1995
LOWEST	65.13	Jan 29, 1998

State well number 009N003W23F002S
Site identification number 345124117094302
Common name HODGE-1 NO 2
West of Lenwood. Drilled observation well. Diameter 2 inches, depth measured 306.4 feet in 1997, perforated 290–310 feet. Altitude of land-surface datum 2,227 feet. Reported measurements provided by Mojave Water Agency. Water-level records available 1994 to current year.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Dec 06, 1994	66.17	V	Mar 02, 1995	61.18	V	Mar 27, 1996	43.83	V	Jun 30, 1997	62.63	R
Dec 07	66.12	V	Mar 08	51.14	V	Apr 29	47.29	R	Jul 30	63.86	R
Dec 08	66.14	V	Mar 28	42.36	V	May 30	47.94	R	Aug 28	65.14	R
Dec 09	66.08	V	Apr 24	35.89	V	Jul 02	50.29	R	Sep 23	65.79	R
Dec 12	65.42	V	May 24	35.21	V	Jul 30	51.92	R	Nov 06	64.48	R
Dec 13	65.61	V	Jun 26	34.56	VS	Aug 21	52.51	R	Dec 30	63.88	R
Dec 14	65.6	V	Jul 25	35.99	V	Sep 26	53.48	R	Jan 29, 1998	64.33	R
Dec 15	65.52	V	Aug 16	36.91	V	Oct 22	55.69	R	Mar 02	63.80	R
Dec 16	65.66	V	Aug 28	39.68	V	Nov 27	53.39	R	Mar 26	59.68	R
Dec 16	65.66	V	Sep 07	39.87	V	Jan 02, 1997	53.48	R	Apr 23	51.82	R
Dec 19	65.61	V	Sep 25	39.66	V	Jan 30	53.73	R	May 26	37.85	R
Dec 21	65.64	V	Oct 30	39.20	V	Feb 27	54.89	R	Jun 24	36.89	R
Jan 12, 1995	65.07	V	Nov 27	39.79	V	Mar 27	56.61	R	Jul 28	36.97	R
Jan 23	64.65	V	Dec 18	39.82	V	Apr 29	57.24	R	Aug 24	37.60	R
Feb 27	61.62	V	Jan 31, 1996	40.24	V	May 28	60.72	R	Sep 26	37.86	R

HIGHEST	35.21	May 24, 1995
LOWEST	66.17	Dec 06, 1994

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N003W23F003S
Site identification number 345124117094303
Common name HODGE-1 NO 3
West of Lenwood. Drilled observation well. Diameter 2 inches, depth measured 201.3 feet in 1996, perforated 180–200 feet. Altitude of land-surface datum 2,227 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1994.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Dec 06, 1994	55.39	V	Mar 02, 1995	48.83	V	Mar 27, 1996	43.64	V	Jul 30, 1997	63.86	R
Dec 06	55.39	V	Mar 08	47.39	V	Apr 29	46.83	R	Aug 28	65.09	R
Dec 07	55.54	V	Mar 28	39.85	V	May 30	47.37	R	Sep 23	65.73	R
Dec 08	55.51	V	Apr 24	35.53	V	Jul 02	49.96	R	Nov 06	64.81	R
Dec 09	55.45	V	May 24	31.31	V	Jul 30	51.62	R	Nov 27	64.46	R
Dec 12	55.09	V	Jun 26	33.19	VS	Aug 21	52.55	R	Dec 30	65.20	R
Dec 13	55.19	V	Jul 25	35.17	V	Sep 26	53.67	R	Jan 29, 1998	64.43	R
Dec 14	55.27	V	Aug 16	36.12	V	Oct 22	55.72	R	Mar 02	64.05	R
Dec 15	55.27	V	Aug 28	37.13	V	Nov 27	53.62	R	Mar 26	59.36	R
Dec 16	55.15	V	Sep 07	37.78	V	Jan 02, 1997	53.55	R	Apr 23	50.25	R
Dec 16	55.28	V	Sep 25	38.01	V	Jan 30	53.84	R	May 26	39.38	R
Dec 19	55.11	V	Oct 30	37.98	V	Feb 27	55.03	R	Jun 24	34.90	R
Dec 21	55.07	V	Nov 27	38.76	V	Mar 27	56.77	R	Jul 28	35.21	R
Jan 12, 1995	48.83	V	Dec 18	39.14	V	Apr 27	59.11	R	Aug 24	36.19	R
Jan 23	54.52	V	Jan 31, 1996	39.96	V	May 28	60.58	R	Sep 26	36.87	R
Feb 27	61.62	V	Feb 29	41.02	V	Jun 30	62.57	R			

HIGHEST	31.31	May 24, 1995
LOWEST	65.73	Sep 23, 1997

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N003W23F004S
Site identification number 345124117094304
Common name HODGE-1 NO 4
West of Lenwood. Drilled observation well. Diameter 2 inches, depth measured 89.8 feet in 1996, perforated 79–90 feet. Altitude of land-surface datum 2,227 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1994.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Dec 06, 1994	55.66	V	Mar 08, 1995	46.57	V	Apr 29, 1996	46.73	R	Jul 30, 1997	64.14	R
Dec 07	55.46	V	Mar 28	37.67	V	May 30	47.48	R	Aug 28	65.41	R
Dec 08	55.31	V	Apr 24	31.27	V	Jul 02	49.92	R	Sep 23	66.13	R
Dec 09	55.19	V	May 24	30.03	V	Jul 30	51.74	R	Nov 06	65.68	R
Dec 12	54.91	V	Jun 26	32.18	VS	Aug 21	52.69	R	Nov 27	63.42	R
Dec 13	55.02	V	Jul 25	34.45	V	Sep 26	54.07	R	Dec 30	64.11	R
Dec 14	54.97	V	Aug 16	35.85	V	Oct 22	54.38	R	Jan 29, 1998	65.44	R
Dec 15	54.87	V	Aug 28	36.66	V	Nov 27	54.37	R	Mar 02	65.18	R
Dec 16	54.67	V	Sep 25	37.84	V	Jan 02, 1997	54.41	R	Mar 26	59.56	R
Dec 16	54.81	V	Oct 30	38.17	V	Jan 30	54.62	R	Apr 23	58.68	R
Dec 19	54.48	V	Nov 27	39.03	V	Feb 27	55.54	R	May 26	35.38	R
Dec 21	54.99	V	Dec 18	39.50	V	Mar 27	57.26	R	Jun 24	32.40	R
Jan 12, 1995	55.97	V	Jan 31, 1996	40.46	V	Apr 29	59.57	R	Jul 28	33.56	R
Jan 23	55.23	V	Feb 29	41.48	V	May 28	61.02	R	Aug 24	34.98	R
Feb 27	49.08	V	Mar 27	43.54	V	Jun 30	62.74	R	Sep 26	36.43	R
Mar 02	48.38	V									

HIGHEST	30.03	May 24, 1995
LOWEST	66.13	Sep 23, 1997

State well number 009N003W23H001S
Site identification number 345126117091101
Common name HODGE-3
West of Lenwood. Drilled observation well. Diameter 2 inches, depth measured 94.6 feet in 1996, perforated 73–93 feet. Altitude of land-surface datum 2,236 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1994.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Dec 06, 1994	73.80	V	Feb 27, 1995	73.39	V	Jan 31, 1996		O	Sep 23, 1997	76.62	R
Dec 07	73.96	V	Mar 03	73.13	V	Aug 21	67.84	R	Nov 06	77.52	R
Dec 08	74.14	V	Mar 08	72.79	V	Sep 26	68.79	R	Nov 27		RD
Dec 09	74.11	V	Mar 28	70.23	V	Nov 27	70.62	R	Dec 30		RD
Dec 12	73.77	V	Apr 24	66.52	V	Jan 02, 1997	70.73	R	Jan 29, 1998		RD
Dec 13	73.90	V	May 24	63.53	V	Jan 30	71.40	R	Mar 02		RD
Dec 14	74.10	V	Jun 26	62.03	V	Feb 27	71.09	R	Mar 26		RD
Dec 15	74.07	V	Jul 25	61.75	V	Mar 27	72.00	R	Apr 26	77.85	R
Dec 16	74.22	V	Aug 28	61.88	V	Apr 29	72.86	R	May 26	71.10	R
Dec 16	74.22	V	Sep 25	61.97	V	May 28	73.59	R	Jun 26	68.25	R
Dec 19	74.0	V	Oct 30	62.38	V	Jun 30	74.60	R	Jul 28	66.32	R
Dec 21	74.17	V	Nov 27	62.88	V	Jul 30	75.38	R	Aug 24	85.76	R
Jan 12, 1995	74.31	V	Dec 18	63.00	V	Aug 28	76.07	R	Sep 26	65.09	R
Jan 23	74.19	V									

HIGHEST	61.75	Jul 25, 1995
LOWEST	85.76	Aug 24, 1997

Table D24. Water-level data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N003W23L001S
Site identification number 345123117094301
Common name HODGE-4
West of Lenwood. Drilled observation well. Diameter 2 inches, depth measured 66.9 feet in 1996, perforated 60–65 feet. Altitude of land-surface datum 2,227 feet. Reported measurements provided by Mojave Water Agency. Water-level records available since 1994.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Dec 06, 1994	54.11	V	Mar 08, 1995	48.32	V	May 30, 1996	48.21	R	Aug 28, 1997	66.25	R
Dec 07	53.15	V	Mar 28	39.96	V	Jul 02	50.72	R	Sep 23	65.67	R
Dec 08	52.69	V	Apr 24	35.22	V	Jul 30	52.56	R	Oct 09	66.72	V
Dec 09	52.45	V	May 24	31.27	V	Aug 21	53.22	R	Nov 06	66.63	R
Dec 12	51.99	V	Jun 26	33.02	VS	Sep 26	54.85	R	Nov 27	66.32	R
Dec 13	51.94	V	Jul 25	35.28	V	Oct 22	55.21	R	Jan 29, 1998	65.11	R
Dec 14	51.9	V	Aug 28	37.51	V	Nov 27	55.12	R	Mar 02	66.18	R
Dec 15	51.78	V	Sep 25	38.74	V	Jan 02, 1997	55.23	R	Mar 26	61.01	R
Dec 16	51.69	V	Oct 30	39.08	V	Jan 30	55.43	R	Apr 23	50.88	R
Dec 16	51.78	V	Nov 27	39.87	V	Feb 27	56.15	R	May 26	38.43	R
Dec 19	51.56	V	Dec 18	40.34	V	Mar 27	58.04	R	Jun 24	33.69	R
Dec 21	54.48	V	Jan 31, 1996	41.28	V	Apr 29	60.34	R	Jul 28	34.48	R
Jan 12, 1995	56.62	V	Feb 29	42.30	V	May 28	61.83	R	Aug 24	36.43	R
Jan 23	56.13	V	Mar 27	44.06	V	Jun 30	63.42	R	Sep 26	37.38	R
Feb 27	50.67	V	Apr 29	47.56	R	Jul 30	64.96	R			

HIGHEST	31.27	May 24, 1995
LOWEST	66.72	Oct 09, 1997

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California

[All data were analyzed at U.S. Geological Survey laboratories. Location of sites shown in figure D1. Numbering systems for sites are explained in text. µS/cm, microsiemens per centimeter; ˚C, degrees Celsius; mg/L, milligrams per liter; µg/L, micrograms per liter. —, no data; <, actual value is less than value shown]

Common name	State well No.	Site identification No.	Date	Time	Temperature, water (˚C)	Temperature, air (˚C)	Depth below land surface (water level) (feet)
Helendale 1-370	008N004W21M001S	344609117182901	08-04-93	1320	—	40.5	13.96
			12-29-93	1405	22.2	16.8	13.79
Helendale 1-230	008N004W21M002S	344609117182902	09-08-93	1530	21.0	34.8	—
			12-30-93	1200	21.5	14.4	11.95
Helendale 1-140	008N004W21M003S	344609117182903	08-04-93	1345	20.5	42.0	7.11
			12-29-93	1615	19.8	15.4	8.04
Helendale 1-40	008N004W21M004S	344609117182904	08-05-93	1220	18.0	38.5	—
			12-30-93	1600	18.7	13.5	10.85
BARSTOW-1 NO 2	009N001W04M005S	345351116593302	03-31-93	1735	20.0	19.0	22.34
BARSTOW-1 NO 3	009N001W04M006S	345351116593303	03-31-93	1600	19.0	23.0	23.00
BARSTOW-1 NO 4	009N001W04M007S	345351116593304	03-31-93	1640	11.5	23.0	19.81
BARSTOW-2 NO 1	009N001W04R002S	345339116584501	05-06-93	1900	21.0	—	8.56
BARSTOW-2 NO 2	009N001W04R003S	345339116584502	03-31-93	1400	21.0	22.0	7.86
BARSTOW-2 NO 3	009N001W04R004S	345339116584503	03-31-93	1420	20.0	22.0	8.25
BARSTOW-3 NO 1	009N001W09D005S	345328116594301	05-18-93	1535	27.5	32.0	24.83
BARSTOW-3 NO 2	009N001W09D006S	345328116594302	05-18-93	1705	24.5	31.5	27.74
BARSTOW-3 NO 3	009N001W09D007S	345328116594303	03-31-93	1135	23.0	19.0	37.75
BARSTOW-3 NO 4	009N001W09D008S	345328116594304	03-31-93	1040	22.0	19.5	40.36
MC-1 at 610	009N001W10J012S	345251116574201	07-01-92	1510	23.0	28.3	21.43
			07-21-93	1350	23.0	32.5	—
MC-1 at 370	009N001W10J013S	345251116574202	07-01-92	1630	21.5	28.5	22.12
			09-08-92	1600	25.0	36.0	—
			07-14-93	1445	24.0	35.5	16.46
MC-1 at 200	009N001W10J014S	345251116574203	07-01-92	1245	19.5	21.5	14.13
			07-14-93	1655	21.0	32.5	12.38
MC-1 at 100	009N001W10J015S	345251116574204	07-01-92	1115	18.3	22.0	20.82
			07-14-93	1835	22.0	33.0	12.01
MC-4 at 590	009N001W11K012S	345254116570401	08-25-92	1730	27.7	33.8	12.44
			07-15-93	1540	27.5	32.0	10.24
MC-4 at 315	009N001W11K013S	345254116570402	08-26-92	1530	24.6	34.8	—
			06-03-93	1230	23.5	21.5	9.03
MC-4 at 180	009N001W11K014S	345254116570403	08-20-92	1850	21.5	36.0	14.37
			06-03-93	1530	20.5	26.0	6.15
MC-4 at 90	009N001W11K015S	345254116570404	08-20-92	2000	20.5	31.5	14.41
			07-16-93	1610	19.5	25.0	6.71
F-2 NO 1	009N002W02E001S	345407117034701	05-19-93	1625	22.0	27.0	24.53
			12-28-93	1720	20.5	16.0	36.65
F-1 NO 1	009N002W03A001S	345421117035301	06-23-93	1500	24.5	—	25.58
			12-28-93	1115	23.0	16.0	37.01
F-1 NO 2	009N002W03A002S	345421117035302	06-23-93	1700	25.8	—	26.53
			12-28-93	1330	23.0	18.5	36.03

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Specific conductance (µS/cm)	Oxygen, dissolved (mg/L)	pH water whole field (standard units)	ANC water unfltred fet field (mg/L as $CaCO_3$)	ANC water unfltrd it field (mg/L as $CaCO_3$)	Alkalinity wat dis fix end field CaC03 (mg/L)	Alkalinity wat dis tot it field (mg/L as $CaCO_3$)	ANC unfltrd carb fet field (mg/L as $CaCO_3$)	Carbonate wat.dis fet field CO_3 (mg/L)
BBB1-370	687	—	7.6	—	—	160	165	—	—
	647	3.9	7.6	—	—	160	154	—	—
BBB1-230	759	—	7.2	—	—	—	—	—	—
	700	1.0	7.4	—	—	180	177	—	—
BBB1-140	544	—	7.6	—	—	160	159	—	—
	532	1.6	7.8	—	—	160	157	—	—
BBB1-40	1,050	—	7.2	—	—	120	124	—	—
	1,740	.6	6.9	—	—	160	158	—	—
BARSTOW-1 NO 2	613	—	7.8	—	—	140	145	—	—
BARSTOW-1 NO 3	1,720	—	6.7	—	—	180	180	—	—
BARSTOW-1 NO 4	333	—	7.3	—	—	85	85	—	—
BARSTOW-2 NO 1	3,270	—	7.7	—	—	—	56	—	—
BARSTOW-2 NO 2	519	—	7.7	—	—	170	167	—	—
BARSTOW-2 NO 3	2,080	—	7.0	—	—	350	352	—	—
BARSTOW-3 NO 1	3,040	—	7.4	—	—	60	59	—	—
BARSTOW-3 NO 2	2,590	—	8.0	—	—	70	71	—	—
BARSTOW-3 NO 3	1,520	—	7.8	—	—	170	173	—	—
BARSTOW-3 NO 4	1,670	—	7.6	—	—	180	177	—	—
MC-1 at 610	2,010	—	7.2	—	—	150	152	—	—
	1,460	—	7.2	—	—	180	184	—	—
MC-1 at 370	2,390	—	6.9	—	—	91	88	—	—
	2,200	—	6.8	—	—	—	—	—	—
	1,510	—	7.2	—	—	240	239	—	—
MC-1 at 200	1,420	—	7.5	—	—	250	245	—	—
	1,450	—	7.3	—	—	240	237	—	—
MC-1 at 100	1,350	—	7.7	—	—	240	238	—	—
	1,400	—	7.3	—	—	240	235	—	—
MC-4 at 590	2,050	—	7.7	—	—	39	37	—	—
	2,070	—	8.2	—	—	32	32	—	—
MC-4 at 315	685	—	7.9	—	—	110	105	—	—
	707	—	8.0	—	—	120	121	—	—
MC-4 at 180	1,380	—	7.3	—	—	230	235	—	—
	1,350	—	7.3	—	—	260	256	—	—
MC-4 at 90	1,260	—	7.4	—	—	210	214	—	—
	1,170	—	7.2	—	—	210	211	—	—
F-2 NO 1	719	—	7.9	—	—	180	175	—	—
	921	2.2	7.8	—	—	200	201	—	—
F-1 NO 1	825	—	8.1	—	—	180	178	—	—
	805	8.3	7.6	—	—	170	166	—	—
F-1 NO 2	1,010	—	8.5	—	—	220	215	—	<1.0
	1,050	2.8	7.4	—	—	200	196	—	—

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Date	Time	Carbonate water dis it field (mg/L as HCO_3)	Nitrogen, ammonia dissolved (mg/L as N)	Nitrogen, nitrite dissolved (mg/L as N)	Nitrogen, ammonia + organic dissolved (mg/L as N)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Phosphorus dissolved (mg/L as P)
BBB1-370	08-04-93	1320	—	0.020	0.010	<0.20	0.220	0.970
	12-29-93	1405	—	<.010	<.010	<.20	.150	.980
BBB1-230	09-08-93	1530	—	—	—	—	—	—
	12-30-93	1200	—	.010	<.010	<.20	.190	20.0
BBB1-140	08-04-93	1345	—	.020	<.010	<.20	.130	1.30
	12-29-93	1615	—	.010	<.010	<.20	.120	.190
BBB1-40	08-05-93	1220	—	.030	.030	<.20	.480	2.60
	12-30-93	1600	—	.010	<.010	<.20	.270	.730
BARSTOW-1 NO 2	03-31-93	1735	—	.010	.010	<.20	.910	.730
BARSTOW-1 NO 3	03-31-93	1600	—	<.010	.020	<.20	3.70	.210
BARSTOW-1 NO 4	03-31-93	1640	—	<.010	<.010	<.20	.650	.030
BARSTOW-2 NO 1	05-06-93	1900	—	.040	<.010	<.20	<.050	2.40
BARSTOW-2 NO 2	03-31-93	1400	—	.010	.010	<.20	.480	.410
BARSTOW-2 NO 3	03-31-93	1420	—	.010	<.010	<.20	5.80	.120
BARSTOW-3 NO 1	05-18-93	1535	—	.020	.010	<.20	.170	5.80
BARSTOW-3 NO 2	05-18-93	1705	—	.010	<.010	<.20	.350	1.60
BARSTOW-3 NO 3	03-31-93	1135	—	<.010	<.010	<.20	1.20	1.70
BARSTOW-3 NO 4	03-31-93	1040	—	<.010	<.010	<.20	3.30	3.30
MC-1 at 610	07-01-92	1510	—	.040	.100	.30	2.50	18.0
	07-21-93	1350	—	.030	.040	<.20	3.50	1.40
MC-1 at 370	07-01-92	1630	—	.040	.490	<.20	1.90	27.0
	09-08-92	1600	—	.050	.040	<.20	4.50	11.0
	07-14-93	1445	—	.030	.090	<.20	3.30	7.80
MC-1 at 200	07-01-92	1245	—	.030	<.010	<.20	5.00	.570
	07-14-93	1655	—	.020	<.010	<.20	5.00	.080
MC-1 at 100	07-01-92	1115	—	.030	<.010	<.20	.760	1.00
	07-14-93	1835	—	.020	<.010	<.20	1.00	.170
MC-4 at 590	08-25-92	1730	—	.010	.030	<.20	1.10	4.00
	07-15-93	1540	—	.020	.030	<.20	.900	1.30
MC-4 at 315	08-26-92	1530	—	<.010	<.010	<.20	2.80	2.00
	06-03-93	1230	—	.020	<.010	<.20	2.70	1.60
MC-4 at 180	08-20-92	1850	—	.030	.080	<.20	4.50	1.80
	06-03-93	1530	—	.010	<.010	<.20	4.50	.550
MC-4 at 90	08-20-92	2000	—	.040	.250	<.20	1.60	4.20
	07-16-93	1610	—	.010	<.010	<.20	2.90	.690
F-2 NO 1	05-19-93	1625	—	<.010	<.010	<.20	.460	3.10
	12-28-93	1720	—	<.010	<.010	<.20	.350	1.40
F-1 NO 1	06-23-93	1500	—	.030	<.010	<.20	2.00	.080
	12-28-93	1115	—	.020	<.010	<.20	2.20	.050
F-1 NO 2	06-23-93	1700	<1	.010	<.010	<.20	2.70	.210
	12-28-93	1330	—	.010	<.010	<.20	3.00	.130

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Phosphorus ortho, dissolved (mg/L as P)	Calcium dissolved (mg/L as CA)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na	Potassium, dissolved (mg/L as K)	Chloride, dissolved (mg/L as Cl)	Sulfate dissolved (mg/L as SO_4)	Fluoride, dissolved (mg/L as F)
BBB1-370	0.310	30	2.7	120	2.9	63	87	0.90
	.900	32	2.1	100	2.7	60	74	.70
BBB1-230	—	—	—	—	—	—	—	—
	18.0	32	3.0	120	3.4	53	87	.40
BBB1-140	.660	33	2.9	82	2.8	34	64	.60
	.180	35	2.3	77	2.4	34	58	.50
BBB1-40	1.40	49	11	170	5.2	91	290	.60
	.640	180	23	180	4.6	140	590	.30
BARSTOW-1 NO 2	.750	44	6.9	78	2.6	52	77	.50
BARSTOW-1 NO 3	.230	180	30	160	4.6	160	360	.30
BARSTOW-1 NO 4	.040	26	5.2	33	1.6	31	38	.80
BARSTOW-2 NO 1	1.40	100	4.3	590	7.1	420	820	3.6
BARSTOW-2 NO 2	.340	33	6.1	72	2.7	42	46	.50
BARSTOW-2 NO 3	.120	180	33	250	4.9	180	490	.30
BARSTOW-3 NO 1	4.20	84	6.4	560	6.1	400	810	3.8
BARSTOW-3 NO 2	1.10	54	6.2	490	5.0	300	730	5.6
BARSTOW-3 NO 3	.610	38	5.5	290	4.3	140	340	3.6
BARSTOW-3 NO 4	2.70	40	5.8	320	4.4	160	370	3.4
MC-1 at 610	11.0	77	11	300	5.4	140	500	2.3
	1.10	110	14	180	4.0	150	300	.80
MC-1 at 370	19.0	45	5.2	430	6.0	120	730	1.9
	8.20	45	4.6	430	5.2	100	810	2.9
	7.50	110	14	200	5.4	160	280	.40
MC-1 at 200	.430	150	25	120	4.8	160	240	.40
	.080	160	24	120	4.5	170	240	.40
MC-1 at 100	.840	79	15	190	4.6	160	210	.60
	.170	82	15	180	4.2	180	210	.50
MC-4 at 590	2.10	61	2.1	380	3.7	110	820	.70
	.760	66	1.5	390	3.5	98	780	4.4
MC-4 at 315	.970	12	1.6	130	2.4	53	130	1.4
	1.60	15	1.5	130	3.8	51	130	1.4
MC-4 at 180	1.10	120	21	120	4.1	150	220	.40
	.530	150	22	110	4.2	140	240	.40
MC-4 at 90	2.80	77	15	150	4.4	150	190	.50
	.720	100	17	120	4.1	130	180	.50
F-2 NO 1	1.40	16	9.9	120	3.4	63	82	1.2
	1.40	17	11	170	3.9	100	120	1.2
F-1 NO 1	.080	52	11	100	4.8	51	150	.50
	.060	67	13	88	4.3	54	160	.50
F-1 NO 2	.200	53	16	140	7.5	46	230	.60
	.130	95	20	110	6.8	41	290	.40

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Date	Time	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 °C dissolved (mg/L)	Iodide, dissolved (mg/L as I)	Bromide dissolved (mg/L as Br)	Arsenic dissolved (µg/L as As)	Barium, dissolved (µg/L as Ba)
BBB1-370	08-04-93	1320	32	451	0.005	0.10	15	25
	12-29-93	1405	34	400	.011	.090	29	28
BBB1-230	09-08-93	1530	—	—	—	—	—	—
	12-30-93	1200	44	479	.012	.090	130	19
BBB1-140	08-04-93	1345	34	351	.003	.060	20	17
	12-29-93	1615	34	339	.002	.070	18	34
BBB1-40	08-05-93	1220	20	728	.015	.15	11	12
	12-30-93	1600	27	1,320	.011	.22	6	59
BARSTOW-1 NO 2	03-31-93	1735	26	383	.008	.10	13	81
BARSTOW-1 NO 3	03-31-93	1600	44	1,260	.034	.45	3	55
BARSTOW-1 NO 4	03-31-93	1640	16	202	.039	<.010	2	31
BARSTOW-2 NO 1	05-06-93	1900	41	2,220	.130	.34	45	<100
BARSTOW-2 NO 2	03-31-93	1400	27	310	.003	.10	12	38
BARSTOW-2 NO 3	03-31-93	1420	27	1,480	.390	<.010	2	<100
BARSTOW-3 NO 1	05-18-93	1535	46	2,040	.230	.50	65	<100
BARSTOW-3 NO 2	05-18-93	1705	36	1,730	.055	.57	55	<100
BARSTOW-3 NO 3	03-31-93	1135	37	988	.034	.42	28	14
BARSTOW-3 NO 4	03-31-93	1040	39	1,110	.053	.44	100	13
MC-1 at 610	07-01-92	1510	29	1,210	—	—	54	18
	07-21-93	1350	25	946	.087	.41	11	50
MC-1 at 370	07-01-92	1630	29	1,540	.690	.40	90	<100
	09-08-92	1600	22	1,550	.930	.31	<1	<100
	07-14-93	1445	28	978	.130	.35	40	37
MC-1 at 200	07-01-92	1245	24	934	.040	.40	4	66
	07-14-93	1655	24	936	.043	.41	2	72
MC-1 at 100	07-01-92	1115	29	858	.029	.39	7	66
	07-14-93	1835	29	862	.028	.41	4	87
MC-4 at 590	08-25-92	1730	33	1,400	.380	.36	68	<100
	07-15-93	1540	32	1,430	.280	.070	53	<100
MC-4 at 315	08-26-92	1530	22	427	.053	.22	48	5.0
	06-03-93	1230	23	447	.064	.23	58	7.0
MC-4 at 180	08-20-92	1850	16	856	.031	.31	5	55
	06-03-93	1530	25	828	.036	.31	3	72
MC-4 at 90	08-20-92	2000	27	750	.032	.22	22	42
	07-16-93	1610	25	732	.027	.24	4	110
F-2 NO 1	05-19-93	1625	17	437	.031	.11	65	13
	12-28-93	1720	18	545	.065	.15	74	14
F-1 NO 1	06-23-93	1500	27	521	.004	.11	3	33
	12-28-93	1115	28	521	.002	.13	2	43
F-1 NO 2	06-23-93	1700	26	658	.006	.11	3	27
	12-28-93	1330	29	736	.007	.12	2	41

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Beryllium, dissolved (µg/L as Be	Boron, dissolved (µg/L as B)	Cadmium dissolved µg/L as Cd)	Chromium, dissolved µg/L as Cr)	Cobalt, dissolved (µg/L as Co)	Copper, dissolved µg/L as Cu)	Iron, dissolved (µg/L as Fe)	Lead, dissolved (µg/L as Pb)
BBB1-370	—	360	—	—	—	—	37	—
	—	350	—	—	—	—	9.0	—
BBB1-230	—	—	—	—	—	—	—	—
	—	380	—	—	—	—	66	—
BBB1-140	—	320	—	—	—	—	32	—
	—	290	—	—	—	—	7.0	—
BBB1-40	—	260	—	—	—	—	49	—
	—	370	—	—	—	—	6.0	—
BARSTOW-1 NO 2	—	170	—	—	—	—	38	—
BARSTOW-1 NO 3	—	2,400	—	—	—	—	<3.0	—
BARSTOW-1 NO 4	—	100	—	—	—	—	<3.0	—
BARSTOW-2 NO 1	—	12,000	—	—	—	—	50	—
BARSTOW-2 NO 2	—	190	—	—	—	—	6.0	—
BARSTOW-2 NO 3	—	720	—	—	—	—	<10	—
BARSTOW-3 NO 1	—	15,000	—	—	—	—	40	—
BARSTOW-3 NO 2	—	13,000	—	—	—	—	10	—
BARSTOW-3 NO 3	—	5,300	—	—	—	—	69	—
BARSTOW-3 NO 4	—	4,900	—	—	—	—	58	—
MC-1 at 610	—	1,100	—	—	—	—	150	—
	—	130	—	—	—	—	16	—
MC-1 at 370	—	2,000	—	—	—	—	960	—
	—	1,900	—	—	—	—	240	—
	—	1,100	—	—	—	—	15	—
MC-1 at 200	—	570	—	—	—	—	<3.0	—
	—	640	—	—	—	—	<3.0	—
MC-1 at 100	—	810	—	—	—	—	5.0	—
	—	750	—	—	—	—	<3.0	—
MC-4 at 590	—	4,900	—	—	—	—	120	—
	—	4,700	—	—	—	—	60	—
MC-4 at 315	—	2,400	—	—	—	—	41	—
	—	2,600	—	—	—	—	22	—
MC-4 at 180	—	650	—	—	—	—	31	—
	—	710	—	—	—	—	<3.0	—
MC-4 at 90	—	630	—	—	—	—	28	—
	—	690	—	—	—	—	<3.0	—
F-2 NO 1	—	950	—	—	—	—	33	—
	—	1,300	—	—	—	—	4.0	—
F-1 NO 1	—	240	—	—	—	—	13	—
	—	240	—	—	—	—	7.0	—
F-1 NO 2	—	240	—	—	—	—	4.0	—
	—	210	—	—	—	—	<3.0	—

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Date	Time	Manganese, dissolved (µg/L as Mn)	Molybdenum, dissolved (µg/L as Mo)	Nickel, dissolved (µg/L as Ni)	Silver, dissolved (µg/L as Ag)	Strontium, dissolved (µg/L as Sr)	Vanadium, dissolved (µg/L as V)	Zinc, dissolved (µg/L as Zn)
BBB1-370	08-04-93	1320	26	—	—	—	540	—	—
	12-29-93	1405	17	—	—	—	590	—	—
BBB1-230	09-08-93	1530	—	—	—	—	—	—	—
	12-30-93	1200	37	—	—	—	580	—	—
BBB1-140	08-04-93	1345	20	—	—	—	540	—	—
	12-29-93	1615	1.0	—	—	—	580	—	—
BBB1-40	08-05-93	1220	75	—	—	—	690	—	—
	12-30-93	1600	30	—	—	—	2,400	—	—
BARSTOW-1 NO 2	03-31-93	1735	2.0	—	—	—	510	—	—
BARSTOW-1 NO 3	03-31-93	1600	670	—	—	—	1,700	—	—
BARSTOW-1 NO 4	03-31-93	1640	2.0	—	—	—	310	—	—
BARSTOW-2 NO 1	05-06-93	1900	100	—	—	—	2,800	—	—
BARSTOW-2 NO 2	03-31-93	1400	3.0	—	—	—	400	—	—
BARSTOW-2 NO 3	03-31-93	1420	20	—	—	—	1,700	—	—
BARSTOW-3 NO 1	05-18-93	1535	20	—	—	—	2,300	—	—
BARSTOW-3 NO 2	05-18-93	1705	10	—	—	—	1,600	—	—
BARSTOW-3 NO 3	03-31-93	1135	7.0	—	—	—	1,000	—	—
BARSTOW-3 NO 4	03-31-93	1040	4.0	—	—	—	1,000	—	—
MC-1 at 610	07-01-92	1510	160	—	—	—	—	—	—
	07-21-93	1350	140	—	—	—	1,300	—	—
MC-1 at 370	07-01-92	1630	360	—	—	—	—	—	—
	09-08-92	1600	150	—	—	—	1,500	—	—
	07-14-93	1445	240	—	—	—	2,100	—	—
MC-1 at 200	07-01-92	1245	44	—	—	—	—	—	—
	07-14-93	1655	25	—	—	—	1,600	—	—
MC-1 at 100	07-01-92	1115	270	—	—	—	—	—	—
	07-14-93	1835	390	—	—	—	980	—	—
MC-4 at 590	08-25-92	1730	40	—	—	—	830	—	—
	07-15-93	1540	30	—	—	—	800	—	—
MC-4 at 315	08-26-92	1530	15	—	—	—	340	—	—
	06-03-93	1230	4.0	—	—	—	410	—	—
MC-4 at 180	08-20-92	1850	29	—	—	—	1,300	—	—
	06-03-93	1530	15	—	—	—	1,400	—	—
MC-4 at 90	08-20-92	2000	50	—	—	—	1,000	—	—
	07-16-93	1610	50	—	—	—	1,100	—	—
F-2 NO 1	05-19-93	1625	23	—	—	—	490	—	—
	12-28-93	1720	2.0	—	—	—	500	—	—
F-1 NO 1	06-23-93	1500	2.0	—	—	—	660	—	—
	12-28-93	1115	11	—	—	—	800	—	—
F-1 NO 2	06-23-93	1700	22	—	—	—	580	—	—
	12-28-93	1330	70	—	—	—	1,000	—	—

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Lithium, dissolved (µg/L as Li)	Bromo-dichloro-methane total (µg/L)	Carbon tetra-chloride total (µg/L)	1,2-Di-chloro-ethane total (µg/L)	Bromoform total (µg/L)	Chloro-dibromo-methane total (µg/L)	Chloro-form total (µg/L)	Toluene total (µg/L)	Benzene total (µg/L)
BBB1-370	—	—	—	—	—	—	—	—	—
	32	—	—	—	—	—	—	—	—
BBB1-230	—	—	—	—	—	—	—	—	—
	31	—	—	—	—	—	—	—	—
BBB1-140	—	—	—	—	—	—	—	—	—
	21	—	—	—	—	—	—	—	—
BBB1-40	—	—	—	—	—	—	—	—	—
	31	—	—	—	—	—	—	—	—
BARSTOW-1 NO 2	—	—	—	—	—	—	—	—	—
BARSTOW-1 NO 3	—	—	—	—	—	—	—	—	—
BARSTOW-1 NO 4	—	—	—	—	—	—	—	—	—
BARSTOW-2 NO 1	390	—	—	—	—	—	—	—	—
BARSTOW-2 NO 2	—	—	—	—	—	—	—	—	—
BARSTOW-2 NO 3	—	—	—	—	—	—	—	—	—
BARSTOW-3 NO 1	—	—	—	—	—	—	—	—	—
BARSTOW-3 NO 2	—	—	—	—	—	—	—	—	—
BARSTOW-3 NO 3	—	—	—	—	—	—	—	—	—
BARSTOW-3 NO 4	—	—	—	—	—	—	—	—	—
MC-1 at 610	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—
MC-1 at 370	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—
MC-1 at 200	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—
MC-1 at 100	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—
MC-4 at 590	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—
MC-4 at 315	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—
MC-4 at 180	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—
MC-4 at 90	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—
F-2 NO 1	—	—	—	—	—	—	—	—	—
	63	—	—	—	—	—	—	—	—
F-1 NO 1	—	—	—	—	—	—	—	—	—
	18	—	—	—	—	—	—	—	—
F-1 NO 2	—	—	—	—	—	—	—	—	—
	15	—	—	—	—	—	—	—	—

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Date	Time	Chloro-benzene total (µg/L)	Ethyl-benzene total (µg/L)	Methyl-ene chloride total (µg/L)	Tetra-chloro-ethyl-ene total (µg/L)	Tri-chloro-fluoro-methane total (µg/L)	1,1-Di-chloro-ethane total (µg/L)
BBB1-370	08-04-93	1320	—	—	—	—	—	—
	12-29-93	1405	—	—	—	—	—	—
BBB1-230	09-08-93	1530	—	—	—	—	—	—
	12-30-93	1200	—	—	—	—	—	—
BBB1-140	08-04-93	1345	—	—	—	—	—	—
	12-29-93	1615	—	—	—	—	—	—
BBB1-40	08-05-93	1220	—	—	—	—	—	—
	12-30-93	1600	—	—	—	—	—	—
BARSTOW-1 NO 2	03-31-93	1735	—	—	—	—	—	—
BARSTOW-1 NO 3	03-31-93	1600	—	—	—	—	—	—
BARSTOW-1 NO 4	03-31-93	1640	—	—	—	—	—	—
BARSTOW-2 NO 1	05-06-93	1900	—	—	—	—	—	—
BARSTOW-2 NO 2	03-31-93	1400	—	—	—	—	—	—
BARSTOW-2 NO 3	03-31-93	1420	—	—	—	—	—	—
BARSTOW-3 NO 1	05-18-93	1535	—	—	—	—	—	—
BARSTOW-3 NO 2	05-18-93	1705	—	—	—	—	—	—
BARSTOW-3 NO 3	03-31-93	1135	—	—	—	—	—	—
BARSTOW-3 NO 4	03-31-93	1040	—	—	—	—	—	—
MC-1 at 610	07-01-92	1510	—	—	—	—	—	—
	07-21-93	1350	—	—	—	—	—	—
MC-1 at 370	07-01-92	1630	—	—	—	—	—	—
	09-08-92	1600	—	—	—	—	—	—
	07-14-93	1445	—	—	—	—	—	—
MC-1 at 200	07-01-92	1245	—	—	—	—	—	—
	07-14-93	1655	—	—	—	—	—	—
MC-1 at 100	07-01-92	1115	—	—	—	—	—	—
	07-14-93	1835	—	—	—	—	—	—
MC-4 at 590	08-25-92	1730	—	—	—	—	—	—
	07-15-93	1540	—	—	—	—	—	—
MC-4 at 315	08-26-92	1530	—	—	—	—	—	—
	06-03-93	1230	—	—	—	—	—	—
MC-4 at 180	08-20-92	1850	—	—	—	—	—	—
	06-03-93	1530	—	—	—	—	—	—
MC-4 at 90	08-20-92	2000	—	—	—	—	—	—
	07-16-93	1610	—	—	—	—	—	—
F-2 NO 1	05-19-93	1625	—	—	—	—	—	—
	12-28-93	1720	—	—	—	—	—	—
F-1 NO 1	06-23-93	1500	—	—	—	—	—	—
	12-28-93	1115	—	—	—	—	—	—
F-1 NO 2	06-23-93	1700	—	—	—	—	—	—
	12-28-93	1330	—	—	—	—	—	—

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	1,1-Dichloroethylene total (µg/L)	1,1,1-Trichloroethane total (µg/L)	Benzene O-dichloro-water unfltrd rec (µg/L)	1,2-Dichloropropane total (µg/L)	Trans-1,2-dichloroethene total (µg/L)	Benzene 1,3-dichloro-water unfltrd rec (µg/L)	Benzene 1,4-dichloro-water unfltrd rec (µg/L)	Dichlorodifluoromethane total (µg/L)
BBB1-370	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
BBB1-230	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
BBB1-140	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
BBB1-40	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
BARSTOW-1 NO 2	—	—	—	—	—	—	—	—
BARSTOW-1 NO 3	—	—	—	—	—	—	—	—
BARSTOW-1 NO 4	—	—	—	—	—	—	—	—
BARSTOW-2 NO 1	—	—	—	—	—	—	—	—
BARSTOW-2 NO 2	—	—	—	—	—	—	—	—
BARSTOW-2 NO 3	—	—	—	—	—	—	—	—
BARSTOW-3 NO 1	—	—	—	—	—	—	—	—
BARSTOW-3 NO 2	—	—	—	—	—	—	—	—
BARSTOW-3 NO 3	—	—	—	—	—	—	—	—
BARSTOW-3 NO 4	—	—	—	—	—	—	—	—
MC-1 at 610	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
MC-1 at 370	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
MC-1 at 200	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
MC-1 at 100	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
MC-4 at 590	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
MC-4 at 315	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
MC-4 at 180	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
MC-4 at 90	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
F-2 NO 1	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
F-1 NO 1	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
F-1 NO 2	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Date	Time	Vinyl chloride total (µg/L)	Tri-chloro-ethyl-ene total (µg/L)	Cis-1,2-di-chloro-ethene water total (µg/L)	Styrene total (µg/L)	Freon-113 water unfltrd rec (µg/L)	Methyl tert-butyl ether wat unf rec (µg/L)	Ethane 12dicl surrog voc unfltrd rec percent
BBB1-370	08-04-93	1320	—	—	—	—	—	—	—
	12-29-93	1405	—	—	—	—	—	—	—
BBB1-230	09-08-93	1530	—	—	—	—	—	—	—
	12-30-93	1200	—	—	—	—	—	—	—
BBB1-140	08-04-93	1345	—	—	—	—	—	—	—
	12-29-93	1615	—	—	—	—	—	—	—
BBB1-40	08-05-93	1220	—	—	—	—	—	—	—
	12-30-93	1600	—	—	—	—	—	—	—
BARSTOW-1 NO 2	03-31-93	1735	—	—	—	—	—	—	—
BARSTOW-1 NO 3	03-31-93	1600	—	—	—	—	—	—	—
BARSTOW-1 NO 4	03-31-93	1640	—	—	—	—	—	—	—
BARSTOW-2 NO 1	05-06-93	1900	—	—	—	—	—	—	—
BARSTOW-2 NO 2	03-31-93	1400	—	—	—	—	—	—	—
BARSTOW-2 NO 3	03-31-93	1420	—	—	—	—	—	—	—
BARSTOW-3 NO 1	05-18-93	1535	—	—	—	—	—	—	—
BARSTOW-3 NO 2	05-18-93	1705	—	—	—	—	—	—	—
BARSTOW-3 NO 3	03-31-93	1135	—	—	—	—	—	—	—
BARSTOW-3 NO 4	03-31-93	1040	—	—	—	—	—	—	—
MC-1 at 610	07-01-92	1510	—	—	—	—	—	—	—
	07-21-93	1350	—	—	—	—	—	—	—
MC-1 at 370	07-01-92	1630	—	—	—	—	—	—	—
	09-08-92	1600	—	—	—	—	—	—	—
	07-14-93	1445	—	—	—	—	—	—	—
MC-1 at 200	07-01-92	1245	—	—	—	—	—	—	—
	07-14-93	1655	—	—	—	—	—	—	—
MC-1 at 100	07-01-92	1115	—	—	—	—	—	—	—
	07-14-93	1835	—	—	—	—	—	—	—
MC-4 at 590	08-25-92	1730	—	—	—	—	—	—	—
	07-15-93	1540	—	—	—	—	—	—	—
MC-4 at 315	08-26-92	1530	—	—	—	—	—	—	—
	06-03-93	1230	—	—	—	—	—	—	—
MC-4 at 180	08-20-92	1850	—	—	—	—	—	—	—
	06-03-93	1530	—	—	—	—	—	—	—
MC-4 at 90	08-20-92	2000	—	—	—	—	—	—	—
	07-16-93	1610	—	—	—	—	—	—	—
F-2 NO 1	05-19-93	1625	—	—	—	—	—	—	—
	12-28-93	1720	—	—	—	—	—	—	—
F-1 NO 1	06-23-93	1500	—	—	—	—	—	—	—
	12-28-93	1115	—	—	—	—	—	—	—
F-1 NO 2	06-23-93	1700	—	—	—	—	—	—	—
	12-28-93	1330	—	—	—	—	—	—	—

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Toluene d8 surrog voc unfltrd rec percent	Benzene 14brfl-surrog voc unfltrd rec percent	Xylene water unfltrd rec (µg/L)	H^2/H^1 stable isotope (ratio per mil)	O^{18}/O^{16} stable isotope (ratio per mil)	Tritium in water molecules (TU)	Tritium water molecules count error (TU)	Carbon-13/12 stable isotope (ratio per mil)	Carbon 14 (percent modern)
BBB1-370	—	—	—	-67.9	-9.59	—	—	—	—
	—	—	—	-68.5	-9.43	<0.1	0.2	-12.10	58.2
BBB1-230	—	—	—	-67.4	-9.59	—	—	—	—
	—	—	—	-68.7	-9.46	<.1	.2	-11.60	53.1
BBB1-140	—	—	—	-66.7	-9.58	—	—	—	—
	—	—	—	-67.1	-9.42	—	—	—	—
BBB1-40	—	—	—	-63.7	-9.38	—	—	—	—
	—	—	—	-64.9	-9.13	—	—	—	—
BARSTOW-1 NO 2	—	—	—	-65.0	-8.97	.1	.1	—	—
BARSTOW-1 NO 3	—	—	—	-60.9	-8.80	3.9	.2	—	—
BARSTOW-1 NO 4	—	—	—	-61.1	-9.17	5.1	.2	—	—
BARSTOW-2 NO 1	—	—	—	-85.6	-9.27	.1	.1	—	—
BARSTOW-2 NO 2	—	—	—	-61.6	-8.93	.0	.1	—	—
BARSTOW-2 NO 3	—	—	—	-57.5	-8.05	5.8	.2	—	—
BARSTOW-3 NO 1	—	—	—	-86.0	-9.04	.2	.1	—	—
BARSTOW-3 NO 2	—	—	—	-84.0	-9.77	.1	.1	—	—
BARSTOW-3 NO 3	—	—	—	-74.4	-9.68	.0	.1	—	—
BARSTOW-3 NO 4	—	—	—	-73.1	-9.59	1.6	.1	—	—
MC-1 at 610	—	—	—	-74.5	-9.60	1.5	.1	—	—
	—	—	—	-65.5	-8.65	—	—	-12.90	—
MC-1 at 370	—	—	—	-84.5	-10.55	.5	.1	—	—
	—	—	—	-86.0	-10.75	—	—	—	11.5
	—	—	—	-63.7	-8.46	—	—	—	—
MC-1 at 200	—	—	—	-62.5	-8.35	2.6	.2	—	—
	—	—	—	-62.1	-8.30	—	—	—	—
MC-1 at 100	—	—	—	-54.5	-7.30	7.0	.4	—	—
	—	—	—	-54.9	-7.01	—	—	—	—
MC-4 at 590	—	—	—	-86.0	-10.90	.5	.2	—	19.4
	—	—	—	-86.8	-10.91	—	—	-17.40	—
MC-4 at 315	—	—	—	-91.5	-11.50	.0	.1	—	3.7
	—	—	—	-90.6	-11.55	.2	.1	—	—
MC-4 at 180	—	—	—	-60.5	-8.10	5.9	.2	—	—
	—	—	—	-60.8	-8.37	4.6	.2	—	—
MC-4 at 90	—	—	—	-58.0	-7.75	7.7	.4	—	—
	—	—	—	-59.0	-7.97	—	—	—	—
F-2 NO 1	—	—	—	-64.6	-9.29	.2	.1	—	—
	—	—	—	-68.1	-9.32	—	—	—	—
F-1 NO 1	—	—	—	-62.0	-8.75	—	—	—	—
	—	—	—	-61.5	-8.71	—	—	—	—
F-1 NO 2	—	—	—	-61.2	-8.74	—	—	—	—
	—	—	—	-61.9	-8.61	—	—	—	—

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	State well No.	Site identification No.	Date	Time	Temperature, water (°C)	Temperature, air (°C)	Depth below land surface (water level) (feet)
F-3 NO 1	009N002W03E001S	345406117044001	06-02-93	1100	18.5	27.5	32.75
			12-23-93	1105	18.5	14.0	42.87
F-3 NO 2	009N002W03E002S	345406117044002	06-02-93	1430	18.2	28.6	32.82
			12-23-93	1320	18.0	13.5	42.95
			12-23-93	1321	18.0	13.5	—
F-3 NO 3	009N002W03E003S	345406117044003	06-02-93	1715	16.2	22.0	32.35
			12-23-93	1533	15.0	13.5	42.44
Lenwood 5 at 99	009N002W06H006S	345402117070401	06-09-94	1700	19.3	—	71.11
			08-26-94	1000	19.0	—	74.41
Lenwood 1 at 200	009N002W06L011S	345350117074001	07-28-94	1015	20.0	34.4	67.94
Lenwood 1 at 155	009N002W06L012S	345350117074002	07-28-94	1200	20.0	38.0	65.85
Lenwood 1 at 95	009N002W06L013S	345350117074003	07-28-94	1400	15.5	39.5	64.86
Lenwood 2 at 97	009N002W06M007S	345448117075101	08-03-94	1111	15.5	—	68.00
Lenwood 3 at 95	009N002W06P001S	345347117074101	07-29-94	1110	15.0	39.8	—
			08-16-95	1945	15.0	29.6	52.90
Lenwood 4 at 94	009N002W06P002S	345345117074901	08-15-95	1920	14.3	31.7	61.89
Vernola 1 at 330	009N003W01R005S	345341117082101	06-25-92	1145	20.0	32.0	119.45
			06-22-93	1430	20.0	—	81.52
Vernola 1 at 210	009N003W01R006S	345341117082102	06-25-92	1300	19.0	—	112.34
			06-22-93	1640	19.0	—	73.45
Vernola 1 at 130	009N003W01R007S	345341117082103	06-25-92	1340	19.0	36.0	107.56
			06-22-93	1820	18.5	—	68.58
B-7	009N003W14N001S	345157117101201	10-15-97	1335	18.5	28.0	62.17
Hodge-2	009N003W23C001S	345146117094301	08-16-95	0950	14.4	30.6	—
B-6	009N003W23D002S	345136117101201	10-15-97	1200	15.0	26.5	—
B-4	009N003W23D003S	345147117101201	10-15-97	1545	17.0	29.0	62.70
Hodge-1 NO 1	009N003W23F001S	345124117094301	09-07-95	1900	23.6	33.8	47.89
Hodge-1 NO 2	009N003W23F002S	345124117094302	09-08-95	1100	26.4	34.5	—
Hodge-1 NO 3	009N003W23F003S	345124117094303	03-02-95	1315	17.9	15.3	48.83
			08-16-95	1400	20.0	36.0	—
Hodge-1 NO 4	009N003W23F004S	345124117094304	08-16-95	1240	19.0	35.1	—
Hodge-3	009N003W23H001S	345126117091101	12-01-94	1100	20.7	—	—
			03-03-95	1030	20.3	15.7	73.13
Hodge-4	009N003W23L001S	345123117094301	12-01-94	1430	17.7	—	—

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Specific conductance (µS/cm)	Oxygen, dissolved (mg/L)	pH water whole field (standard units)	ANC water unfltred fet field (mg/L as $CaCO_3$)	ANC water unfltrd it field (mg/L as $CaCO_3$)	Alkalinity wat dis fix end field CaC03 (mg/L)	Alkalinity wat dis tot it field (mg/L as $CaCO_3$)	ANC unfltrd carb fet field (mg/L as $CaCO_3$)	Carbonate wat.dis fet field CO_3 (mg/L)
F-3 NO 1	708	—	7.5	—	—	220	219	—	—
	618	3.4	7.6	—	—	180	181	—	—
F-3 NO 2	786	—	7.3	—	—	—	—	—	—
	769	7.6	7.4	—	—	230	232	—	—
	769	—	7.4	—	—	230	232	—	—
F-3 NO 3	404	—	7.5	—	—	85	85	—	—
	389	14.6	7.4	—	—	87	87	—	—
Lenwood 5 at 99	547	—	7.9	—	—	100	100	—	—
	758	—	7.4	—	—	110	107	—	—
Lenwood 1 at 200	456	3.4	7.7	—	—	140	147	—	—
Lenwood 1 at 155	854	10.2	7.5	—	—	140	137	—	—
Lenwood 1 at 95	437	6.8	7.5	—	—	95	93	—	—
Lenwood 2 at 97	343	6.8	7.5	—	—	87	85	—	—
Lenwood 3 at 95	598	8.8	7.5	—	—	110	112	—	—
	357	10.0	7.4	—	—	80	79	—	—
Lenwood 4 at 94	342	9.6	7.5	—	—	85	85	—	—
Vernola 1 at 330	459	—	7.9	—	—	130	129	—	—
	419	—	8.2	131	130	130	132	4	<1.0
Vernola 1 at 210	379	—	7.6	—	—	130	133	—	—
	404	—	7.9	119	116	120	115	—	—
Vernola 1 at 130	754	—	7.7	—	—	190	184	—	—
	486	—	7.5	129	126	130	121	—	—
B-7	635	—	7.8	—	—	140	142	—	—
Hodge-2	366	9.6	7.3	—	—	100	100	—	—
B-6	540	8.4	7.3	—	—	120	118	—	—
B-4	865	—	7.4	—	—	170	—	—	—
Hodge-1 NO 1	844	—	7.6	—	—	260	260	—	—
Hodge-1 NO 2	1,060	—	7.0	—	—	140	136	—	—
Hodge-1 NO 3	555	7.0	7.7	—	—	160	163	—	—
	576	6.8	7.5	—	—	150	147	—	—
Hodge-1 NO 4	1,640	12.0	7.2	—	—	190	192	—	—
Hodge-3	1,160	—	7.4	—	—	160	158	—	—
	1,080	10.8	7.3	—	—	150	152	—	—
Hodge-4	1,540	—	7.4	—	—	220	216	—	—

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Date	Time	Carbonate water dis it field (mg/L as HCO_3)	Nitrogen, ammonia dissolved (mg/L as N)	Nitrogen, nitrite dissolved (mg/L as N)	Nitrogen, ammonia + organic dissolved (mg/L as N)	Nitrogen, NO_2+NO_3 dissolved (mg/L as N)	Phosphorus dissolved (mg/L as P)
F-3 NO 1	06-02-93	1100	—	.020	<.010	<.20	3.40	.050
	12-23-93	1105	—	.010	<.010	<.20	2.30	<.010
F-3 NO 2	06-02-93	1430	—	.010	<.010	<.20	4.10	.050
	12-23-93	1320	—	.020	<.010	<.20	3.90	.050
	12-23-93	1321	—	—	—	—	—	—
F-3 NO 3	06-02-93	1715	—	.010	<.010	<.20	.850	.060
	12-23-93	1533	—	.010	<.010	<.20	.840	.020
Lenwood 5 at 99	06-09-94	1700	—	.020	<.010	<.20	2.60	.030
	08-26-94	1000	—	.010	<.010	<.20	1.80	.080
Lenwood 1 at 200	07-28-94	1015	—	.030	<.010	<.20	.470	.020
Lenwood 1 at 155	07-28-94	1200	—	.030	<.010	<.20	3.10	.050
Lenwood 1 at 95	07-28-94	1400	—	0.020	<0.010	<0.20	1.90	.070
Lenwood 2 at 97	08-03-94	1111	—	<.010	<.010	<.20	1.40	0.070
Lenwood 3 at 95	07-29-94	1110	—	.030	<.010	<.20	3.00	.060
	08-16-95	1945	—	.020	<.010	<.20	.670	.070
Lenwood 4 at 94	08-15-95	1920	—	<.015	<.010	<.20	.490	.090
Vernola 1 at 330	06-25-92	1145	—	.030	<.010	<.20	.160	.350
	06-22-93	1430	<1	<.010	<.010	<.20	.200	.080
Vernola 1 at 210	06-25-92	1300	—	.020	<.010	<.20	.550	.150
	06-22-93	1640	—	.010	<.010	<.20	.770	.040
Vernola 1 at 130	06-25-92	1340	—	.020	<.010	<.20	5.30	.160
	06-22-93	1820	—	.020	<.010	<.20	3.20	4.90
B-7	10-15-97	1335	—	.021	<.010	<.20	.643	<.010
Hodge-2	08-16-95	0950	—	<.015	<.010	<.20	.980	.100
B-6	10-15-97	1200	—	<.015	<.010	<.20	.963	.066
B-4	10-15-97	1545	—	<.015	<.010	<.20	2.32	.055
Hodge-1 NO 1	09-07-95	1900	—	.030	<.010	.20	.740	36.0
Hodge-1 NO 2	09-08-95	1100	—	<.015	<.010	.30	.290	60.0
Hodge-1 NO 3	03-02-95	1315	—	<.015	<.010	<.20	.150	.340
	08-16-95	1400	—	<.015	<.010	<.20	.130	.430
Hodge-1 NO 4	08-16-95	1240	—	.020	<.010	<.20	5.70	.240
Hodge-3	12-01-94	1100	—	<.015	.020	<.20	1.20	.020
	03-03-95	1030	—	<.015	<.010	<.20	1.30	.010
Hodge-4	12-01-94	1430	—	<.015	.070	<.20	5.80	.040

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Phosphorus ortho, dissolved (mg/L as P)	Calcium dissolved (mg/L as CA)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Chloride, dissolved (mg/L as Cl)	Sulfate dissolved (mg/L as SO_4)	Fluoride, dissolved (mg/L as F)
F-3 NO 1	0.030	67	12	68	3.0	49	73	0.50
	.030	50	9.3	69	2.6	41	62	.40
F-3 NO 2	.030	80	14	71	3.2	56	83	.40
	.030	76	13	69	3.1	52	77	.40
	—	—	—	—	—	54	—	.40
F-3 NO 3	.050	33	5.9	38	2.1	43	46	.50
	.040	34	5.8	36	1.9	39	44	.50
Lenwood 5 at 99	.040	26	4.4	79	2.1	48	84	.70
	.070	50	8.4	87	2.5	73	130	.40
Lenwood 1 at 200	<.010	33	5.6	58	2.3	34	34	.40
Lenwood 1 at 155	.040	55	9.5	120	3.0	79	160	.60
Lenwood 1 at 95	.080	33	5.7	48	2.2	37	52	.40
Lenwood 2 at 97	.080	26	4.7	33	1.9	27	32	.40
Lenwood 3 at 95	.060	48	8.2	70	2.5	53	100	.40
	.080	25	4.5	42	1.6	29	35	.50
Lenwood 4 at 94	.110	26	4.6	31	2.2	26	31	.30
Vernola 1 at 330	.320	25	5.6	64	2.3	39	44	.50
	.080	25	5.2	56	1.9	32	38	.40
Vernola 1 at 210	.140	36	5.9	45	1.9	27	41	.70
	.050	34	5.5	41	2.1	26	45	.50
Vernola 1 at 130	.170	74	12	66	2.7	54	90	.70
	3.90	42	7.4	47	2.7	36	54	.40
B-7	.017	49	8.6	60	3.9	74	56	.66
Hodge-2	.110	31	5.3	32	1.9	25	28	.30
B-6	.076	43	7.7	49	2.0	48	69	.44
B-4	.063	67	14	84	5.3	74	140	.46
Hodge-1 NO 1	23.0	9.1	6.0	160	3.0	41	110	1.3
Hodge-1 NO 2	38.0	13	6.9	200	4.2	43	140	.70
Hodge-1 NO 3	.310	37	7.9	71	2.1	39	58	1.0
	.340	37	7.7	66	2.1	38	61	.90
Hodge-1 NO 4	.260	140	26	170	4.0	180	330	.50
Hodge-3	.020	92	17	120	2.9	150	200	.60
	.020	92	17	110	2.2	130	180	.70
Hodge-4	.040	120	20	170	3.9	160	320	.60

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Date	Time	Silica, dissolved (mg/L as SiO_2)	Solids, residue at 180 °C dissolved (mg/L)	Iodide, dissolved (mg/L as I)	Bromide dissolved (mg/L as Br)	Arsenic dissolved (µg/L as As)	Barium, dissolved (µg/L as Ba)
F-3 NO 1	06-02-93	1100	26	479	0.002	0.12	2	110
	12-23-93	1105	27	370	.002	.10	3	94
F-3 NO 2	06-02-93	1430	25	425	.002	.13	2	130
	12-23-93	1320	28	471	.001	.13	2	130
	12-23-93	1321	—	—	—	.13	2	130
F-3 NO 3	06-02-93	1715	22	274	.005	.11	<1	38
	12-23-93	1533	23	232	.003	.11	1	39
Lenwood 5 at 99	06-09-94	1700	20	337	.004	.13	2	40
	08-26-94	1000	21	468	.004	.19	—	72
Lenwood 1 at 200	07-28-94	1015	28	276	.002	.080	—	60
Lenwood 1 at 155	07-28-94	1200	23	557	.002	.19	2	72
Lenwood 1 at 95	07-28-94	1400	19	260	.004	.10	—	37
Lenwood 2 at 97	08-03-94	1111	20	209	.003	.080	—	28
Lenwood 3 at 95	07-29-94	1110	19	387	.004	.13	—	64
	08-16-95	1945	19	215	.003	.080	2	31
Lenwood 4 at 94	08-15-95	1920	18	204	.004	.070	2	27
Vernola 1 at 330	06-25-92	1145	20	282	.005	.070	—	57
	06-22-93	1430	36	253	.003	.070	17	60
Vernola 1 at 210	06-25-92	1300	24	248	.002	.060	—	62
	06-22-93	1640	22	255	.001	.070	2	61
Vernola 1 at 130	06-25-92	1340	25	463	.004	.13	—	96
	06-22-93	1820	26	309	.004	.090	12	27
B-7	10-15-97	1335	22	377	.007	.12	1	55
Hodge-2	08-16-95	0950	19	218	.002	.090	2	18
B-6	10-15-97	1200	21	353	.003	.12	2	34
B-4	10-15-97	1545	23	524	.005	.16	2	45
Hodge-1 NO 1	09-07-95	1900	20	543	.036	.090	76	10
Hodge-1 NO 2	09-08-95	1100	36	732	.035	.080	94	11
Hodge-1 NO 3	03-02-95	1315	34	349	.002	.090	7	49
	08-16-95	1400	33	355	.002	.10	7	44
Hodge-1 NO 4	08-16-95	1240	27	1,070	.004	.30	3	52
Hodge-3	12-01-94	1100	31	667	.007	.33	2	31
	03-03-95	1030	31	694	.002	.29	2	29
Hodge-4	12-01-94	1430	24	916	.010	.24	2	37

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Beryllium, dissolved (µg/L as Be	Boron, dissolved (µg/L as B)	Cadmium dissolved µg/L as Cd)	Chromium, dissolved µg/L as Cr)	Cobalt, dissolved µg/L as Co)	Copper, dissolved (µg/L as Cu)	Iron, dissolved (µg/L as Fe)	Lead, dissolved (µg/L as Pb)
F-3 NO 1	—	160	—	—	—	—	<3.0	—
	—	220	—	—	—	—	<3.0	—
F-3 NO 2	—	150	—	—	—	—	4.0	—
	—	150	—	—	—	—	<3.0	—
	—	160	—	—	—	—	<3.0	—
F-3 NO 3	—	100	—	—	—	—	<3.0	—
	—	100	—	—	—	—	<3.0	—
Lenwood 5 at 99	—	260	—	—	—	—	<3.0	—
	—	300	—	—	—	—	<3.0	—
Lenwood 1 at 200	—	160	—	—	—	—	<3.0	—
Lenwood 1 at 155	—	330	—	—	—	—	<3.0	—
Lenwood 1 at 95	—	130	—	—	—	—	<3.0	—
Lenwood 2 at 97	—	100	—	—	—	—	<3.0	—
Lenwood 3 at 95	—	20	—	—	—	—	4.0	—
	—	110	—	—	—	—	<3.0	—
Lenwood 4 at 94	—	100	—	—	—	—	<3.0	—
Vernola 1 at 330	—	240	—	—	—	—	18	—
	—	240	—	—	—	—	3.0	—
Vernola 1 at 210	—	90	—	—	—	—	5.0	—
	—	100	—	—	—	—	<3.0	—
Vernola 1 at 130	—	160	—	—	—	—	4.0	—
	—	120	—	—	—	—	19	—
B-7	—	126	—	—	—	—	<3.0	—
Hodge-2	—	110	—	—	—	—	<3.0	—
B-6	—	133	—	—	—	—	14	—
B-4	—	263	—	—	—	—	<10	—
Hodge-1 NO 1	—	1,800	—	—	—	—	450	—
Hodge-1 NO 2	—	610	—	—	—	—	1,000	—
Hodge-1 NO 3	<0.50	210	<1.0	<5.0	<3.0	<10	<3.0	<10
	—	200	—	—	—	—	11	—
Hodge-1 NO 4	—	360	—	—	—	—	<3.0	—
Hodge-3	.50	320	1.0	<5.0	<3.0	<10	<3.0	<10
	<.50	300	<1.0	<5.0	<3.0	<10	<3.0	<10
Hodge-4	.50	410	<1.0	<5.0	<3.0	<10	4.0	<10

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Date	Time	Manganese, dissolved (µg/L as Mn)	Molybdenum, dissolved (µg/L as Mo)	Nickel, dissolved (µg/L as Ni)	Silver, dissolved (µg/L as Ag)	Strontium, dissolved (µg/L as Sr)	Vanadium, dissolved (µg/L as V)	Zinc, dissolved (µg/L as Zn)
F-3 NO 1	06-02-93	1100	1.0	—	—	—	800	—	—
	12-23-93	1105	<1.0	—	—	—	680	—	—
F-3 NO 2	06-02-93	1430	2.0	—	—	—	880	—	—
	12-23-93	1320	<1.0	—	—	—	830	—	—
	12-23-93	1321	<1.0	—	—	—	810	—	—
F-3 NO 3	06-02-93	1715	<1.0	—	—	—	360	—	—
	12-23-93	1533	<1.0	—	—	—	340	—	—
Lenwood 5 at 99	06-09-94	1700	1.0	—	—	—	280	—	—
	08-26-94	1000	<1.0	—	—	—	530	—	—
Lenwood 1 at 200	07-28-94	1015	2.0	—	—	—	410	—	—
Lenwood 1 at 155	07-28-94	1200	<1.0	—	—	—	570	—	—
Lenwood 1 at 95	07-28-94	1400	<1.0	—	—	—	330	—	—
Lenwood 2 at 97	08-03-94	1111	<1.0	—	—	—	260	—	—
Lenwood 3 at 95	07-29-94	1110	<1.0	—	—	—	480	—	—
	08-16-95	1945	<1.0	—	—	—	250	—	—
Lenwood 4 at 94	08-15-95	1920	<1.0	—	—	—	250	—	—
Vernola 1 at 330	06-25-92	1145	51	—	—	—	490	—	—
	06-22-93	1430	<1.0	—	—	—	470	—	—
Vernola 1 at 210	06-25-92	1300	1.0	—	—	—	420	—	—
	06-22-93	1640	<1.0	—	—	—	360	—	—
Vernola 1 at 130	06-25-92	1340	2.0	—	—	—	770	—	—
	06-22-93	1820	23	—	—	—	590	—	—
B-7	10-15-97	1335	159	—	—	—	488	—	—
Hodge-2	08-16-95	0950	<1.0	—	—	—	290	—	—
B-6	10-15-97	1200	<1.0	—	—	—	446	—	—
B-4	10-15-97	1545	<4.0	—	—	—	696	—	—
Hodge-1 NO 1	09-07-95	1900	260	—	—	—	310	—	—
Hodge-1 NO 2	09-08-95	1100	340	—	—	—	380	—	—
Hodge-1 NO 3	03-02-95	1315	4.0	<10	<10	<1.0	720	12	6.0
	08-16-95	1400	5.0	—	—	—	660	—	—
Hodge-1 NO 4	08-16-95	1240	1.0	—	—	—	1,500	—	—
Hodge-3	12-01-94	1100	19	10	<10	<1.0	960	<6	<3.0
	03-03-95	1030	10	<10	<10	<1.0	1,100	<6	<3.0
Hodge-4	12-01-94	1430	3.0	10	<10	<1.0	1,100	<6	83

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Lithium, dissolved (µg/L as Li)	Bromo-di-chloro-methane total (µg/L)	Carbon tetrachloride total (µg/L)	1,2-Di-chloroethane total (µg/L)	Bromoform total (µg/L)	Chloro-di-bromo-methane total (µg/L)	Chloroform total (µg/L)	Toluene total (µg/L)	Benzene total (µg/L)
F-3 NO 1	—	—	—	—	—	—	—	—	—
	16	—	—	—	—	—	—	—	—
F-3 NO 2	—	—	—	—	—	—	—	—	—
	7	—	—	—	—	—	—	—	—
	10	—	—	—	—	—	—	—	—
F-3 NO 3	—	—	—	—	—	—	—	—	—
	5	—	—	—	—	—	—	—	—
Lenwood 5 at 99	4	—	—	—	—	—	—	—	—
	5	—	—	—	—	—	—	—	—
Lenwood 1 at 200	—	—	—	—	—	—	—	—	—
Lenwood 1 at 155	—	—	—	—	—	—	—	—	—
Lenwood 1 at 95	—	—	—	—	—	—	—	—	—
Lenwood 2 at 97	<4	—	—	—	—	—	—	—	—
Lenwood 3 at 95	—	—	—	—	—	—	—	—	—
	<4	—	—	—	—	—	—	—	—
Lenwood 4 at 94	<4	—	—	—	—	—	—	—	—
Vernola 1 at 330	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—
Vernola 1 at 210	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—
Vernola 1 at 130	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—
B-7	11	—	—	—	—	—	—	—	—
Hodge-2	7	—	—	—	—	—	—	—	—
B-6	10	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
B-4	14	—	—	—	—	—	—	—	—
Hodge-1 NO 1	24	—	—	—	—	—	—	—	—
Hodge-1 NO 2	38	—	—	—	—	—	—	—	—
Hodge-1 NO 3	23	—	—	—	—	—	—	—	—
	19	—	—	—	—	—	—	—	—
Hodge-1 NO 4	19	—	—	—	—	—	—	—	—
Hodge-3	26	—	—	—	—	—	—	—	—
	24	—	—	—	—	—	—	—	—
Hodge-4	19	—	—	—	—	—	—	—	—

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Date	Time	Chloro-benzene total (µg/L)	Ethyl-benzene total (µg/L)	Methyl-ene chlo-ride total (µg/L)	Tetra-chloro-ethyl-ene total (µg/L)	Tri-chloro-fluoro-methane total (µg/L)	1,1-Di-chloro-ethane total (µg/L)
F-3 NO 1	06-02-93	1100	—	—	—	—	—	—
	12-23-93	1105	—	—	—	—	—	—
F-3 NO 2	06-02-93	1430	—	—	—	—	—	—
	12-23-93	1320	—	—	—	—	—	—
	12-23-93	1321	—	—	—	—	—	—
F-3 NO 3	06-02-93	1715	—	—	—	—	—	—
	12-23-93	1533	—	—	—	—	—	—
Lenwood 5 at 99	06-09-94	1700	—	—	—	—	—	—
	08-26-94	1000	—	—	—	—	—	—
Lenwood 1 at 200	07-28-94	1015	—	—	—	—	—	—
Lenwood 1 at 155	07-28-94	1200	—	—	—	—	—	—
Lenwood 1 at 95	07-28-94	1400	—	—	—	—	—	—
Lenwood 2 at 97	08-03-94	1111	—	—	—	—	—	—
Lenwood 3 at 95	07-29-94	1110	—	—	—	—	—	—
	08-16-95	1945	—	—	—	—	—	—
Lenwood 4 at 94	08-15-95	1920	—	—	—	—	—	—
Vernola 1 at 330	06-25-92	1145	—	—	—	—	—	—
	06-22-93	1430	—	—	—	—	—	—
Vernola 1 at 210	06-25-92	1300	—	—	—	—	—	—
	06-22-93	1640	—	—	—	—	—	—
Vernola 1 at 130	06-25-92	1340	—	—	—	—	—	—
	06-22-93	1820	—	—	—	—	—	—
B-7	10-15-97	1335	—	—	—	—	—	—
Hodge-2	08-16-95	0950	—	—	—	—	—	—
B-6	10-15-97	1200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
B-4	10-15-97	1545	—	—	—	—	—	—
Hodge-1 NO 1	09-07-95	1900	—	—	—	—	—	—
Hodge-1 NO 2	09-08-95	1100	—	—	—	—	—	—
Hodge-1 NO 3	03-02-95	1315	—	—	—	—	—	—
	08-16-95	1400	—	—	—	—	—	—
Hodge-1 NO 4	08-16-95	1240	—	—	—	—	—	—
Hodge-3	12-01-94	1100	—	—	—	—	—	—
	03-03-95	1030	—	—	—	—	—	—
Hodge-4	12-01-94	1430	—	—	—	—	—	—

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	1,1-Dichloroethylene total (µg/L)	1,1,1-Trichloroethane total (µg/L)	Benzene O-dichlorowater unfltrd rec (µg/L)	1,2-Dichloropropane total (µg/L)	Trans-1,2-dichloroethene total (µg/L)	Benzene 1,3-dichlorowater unfltrd rec (µg/L)	Benzene 1,4-dichlorowater unfltrd rec (µg/L)	Dichlorodifluoromethane total (µg/L)
F-3 NO 1	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
F-3 NO 2	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
F-3 NO 3	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
Lenwood 5 at 99	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
Lenwood 1 at 200	—	—	—	—	—	—	—	—
Lenwood 1 at 155	—	—	—	—	—	—	—	—
Lenwood 1 at 95	—	—	—	—	—	—	—	—
Lenwood 2 at 97	—	—	—	—	—	—	—	—
Lenwood 3 at 95	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
Lenwood 4 at 94	—	—	—	—	—	—	—	—
Vernola 1 at 330	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
Vernola 1 at 210	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
Vernola 1 at 130	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
B-7	—	—	—	—	—	—	—	—
Hodge-2	—	—	—	—	—	—	—	—
B-6	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
B-4	—	—	—	—	—	—	—	—
Hodge-1 NO 1	—	—	—	—	—	—	—	—
Hodge-1 NO 2	—	—	—	—	—	—	—	—
Hodge-1 NO 3	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
Hodge-1 NO 4	—	—	—	—	—	—	—	—
Hodge-3	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
Hodge-4	—	—	—	—	—	—	—	—

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Date	Time	Vinyl chloride total (µg/L)	Trichloroethylene total (µg/L)	Cis-1,2-dichloroethene water total (µg/L)	Styrene total (µg/L)	Freon-113 water unfltrd rec (µg/L)	Methyl tert-butyl ether wat unf rec (µg/L)	Ethane 12dicl surrog voc unfltrd rec (percent)
F-3 NO 1	06-02-93	1100	—	—	—	—	—	—	—
	12-23-93	1105	—	—	—	—	—	—	—
F-3 NO 2	06-02-93	1430	—	—	—	—	—	—	—
	12-23-93	1320	—	—	—	—	—	—	—
	12-23-93	1321	—	—	—	—	—	—	—
F-3 NO 3	06-02-93	1715	—	—	—	—	—	—	—
	12-23-93	1533	—	—	—	—	—	—	—
Lenwood 5 at 99	06-09-94	1700	—	—	—	—	—	—	—
	08-26-94	1000	—	—	—	—	—	—	—
Lenwood 1 at 200	07-28-94	1015	—	—	—	—	—	—	—
Lenwood 1 at 155	07-28-94	1200	—	—	—	—	—	—	—
Lenwood 1 at 95	07-28-94	1400	—	—	—	—	—	—	—
Lenwood 2 at 97	08-03-94	1111	—	—	—	—	—	—	—
Lenwood 3 at 95	07-29-94	1110	—	—	—	—	—	—	—
	08-16-95	1945	—	—	—	—	—	—	—
Lenwood 4 at 94	08-15-95	1920	—	—	—	—	—	—	—
Vernola 1 at 330	06-25-92	1145	—	—	—	—	—	—	—
	06-22-93	1430	—	—	—	—	—	—	—
Vernola 1 at 210	06-25-92	1300	—	—	—	—	—	—	—
	06-22-93	1640	—	—	—	—	—	—	—
Vernola 1 at 130	06-25-92	1340	—	—	—	—	—	—	—
	06-22-93	1820	—	—	—	—	—	—	—
B-7	10-15-97	1335	—	—	—	—	—	—	—
Hodge-2	08-16-95	0950	—	—	—	—	—	—	—
B-6	10-15-97	1200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	118
B-4	10-15-97	1545	—	—	—	—	—	—	—
Hodge-1 NO 1	09-07-95	1900	—	—	—	—	—	—	—
Hodge-1 NO 2	09-08-95	1100	—	—	—	—	—	—	—
Hodge-1 NO 3	03-02-95	1315	—	—	—	—	—	—	—
	08-16-95	1400	—	—	—	—	—	—	—
Hodge-1 NO 4	08-16-95	1240	—	—	—	—	—	—	—
Hodge-3	12-01-94	1100	—	—	—	—	—	—	—
	03-03-95	1030	—	—	—	—	—	—	—
Hodge-4	12-01-94	1430	—	—	—	—	—	—	—

Table D25. Water-quality data for monitoring sites in the Centro subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Toluene d8 surrog voc unfltrd rec (percent)	Benzene 14brfl-surrog voc unfltrd rec (percent)	Xylene water unfltrd rec (µg/L)	H^2/H^1 stable isotope (ratio per mil)	O^{18}/O^{16} stable isotope (ratio per mil)	Tritium in water molecules (TU)	Tritium water molecules count error (TU)	Carbon 13 /12 stable isotope (ratio per mil)	Carbon 14 (percent modern)
F-3 NO 1	—	—	—	-60.4	-8.46	3.9	.2	—	—
	—	—	—	-60.7	-8.39	—	—	—	—
F-3 NO 2	—	—	—	-60.1	-8.38	4.3	.2	—	—
	—	—	—	-61.3	-8.28	—	—	—	—
	—	—	—	—	—	—	—	—	—
F-3 NO 3	—	—	—	-64.7	-9.21	—	—	—	—
	—	—	—	-65.0	-9.11	—	—	—	—
Lenwood 5 at 99	—	—	—	-63.1	-8.97	—	—	—	—
	—	—	—	-61.8	-8.80	—	—	-9.30	103
Lenwood 1 at 200	—	—	—	-62.3	-8.67	—	—	—	—
Lenwood 1 at 155	—	—	—	-60.1	-8.39	—	—	—	—
Lenwood 1 at 95	—	—	—	-63.3	-8.85	—	—	—	—
Lenwood 2 at 97	—	—	—	-62.6	-8.89	—	—	—	—
Lenwood 3 at 95	—	—	—	-63.3	-8.67	—	—	—	—
	—	—	—	-63.5	-8.75	—	—	—	—
Lenwood 4 at 94	—	—	—	-60.7	-8.53	—	—	—	—
Vernola 1 at 330	—	—	—	-61.5	-8.80	0.1	0.1	—	—
	—	—	—	-62.3	-8.88	—	—	—	—
Vernola 1 at 210	—	—	—	-61.0	-8.60	3.3	.2	—	—
	—	—	—	-61.7	-8.78	—	—	—	—
Vernola 1 at 130	—	—	—	-59.5	-8.00	8.1	.3	—	—
	—	—	—	-62.7	-8.81	—	—	—	—
B-7	—	—	—	-59.2	-8.43	—	—	—	—
Hodge-2	—	—	—	-64.3	-8.83	—	—	—	—
B-6	98.0	95.0	<0.200	-62.6	-8.79	—	—	—	—
B-4	—	—	—	-63.0	-8.71	—	—	—	—
Hodge-1 NO 1	—	—	—	-86.0	-11.17	—	—	—	—
Hodge-1 NO 2	—	—	—	-65.5	-9.01	—	—	—	—
Hodge-1 NO 3	—	—	—	-63.8	-9.05	—	—	—	—
	—	—	—	-62.4	-8.79	—	—	—	—
Hodge-1 NO 4	—	—	—	-61.0	-8.29	—	—	—	—
Hodge-3	—	—	—	-61.6	-8.64	—	—	—	—
	—	—	—	-62.8	-8.60	—	—	—	—
Hodge-4	—	—	—	-60.9	-8.42	—	—	—	—