APPENDIX E. LITHOLOGIC DATA AND GROUND-WATER DATA FOR THE MOJAVE RIVER GROUND-WATER BASIN—BAJA SUBAREA

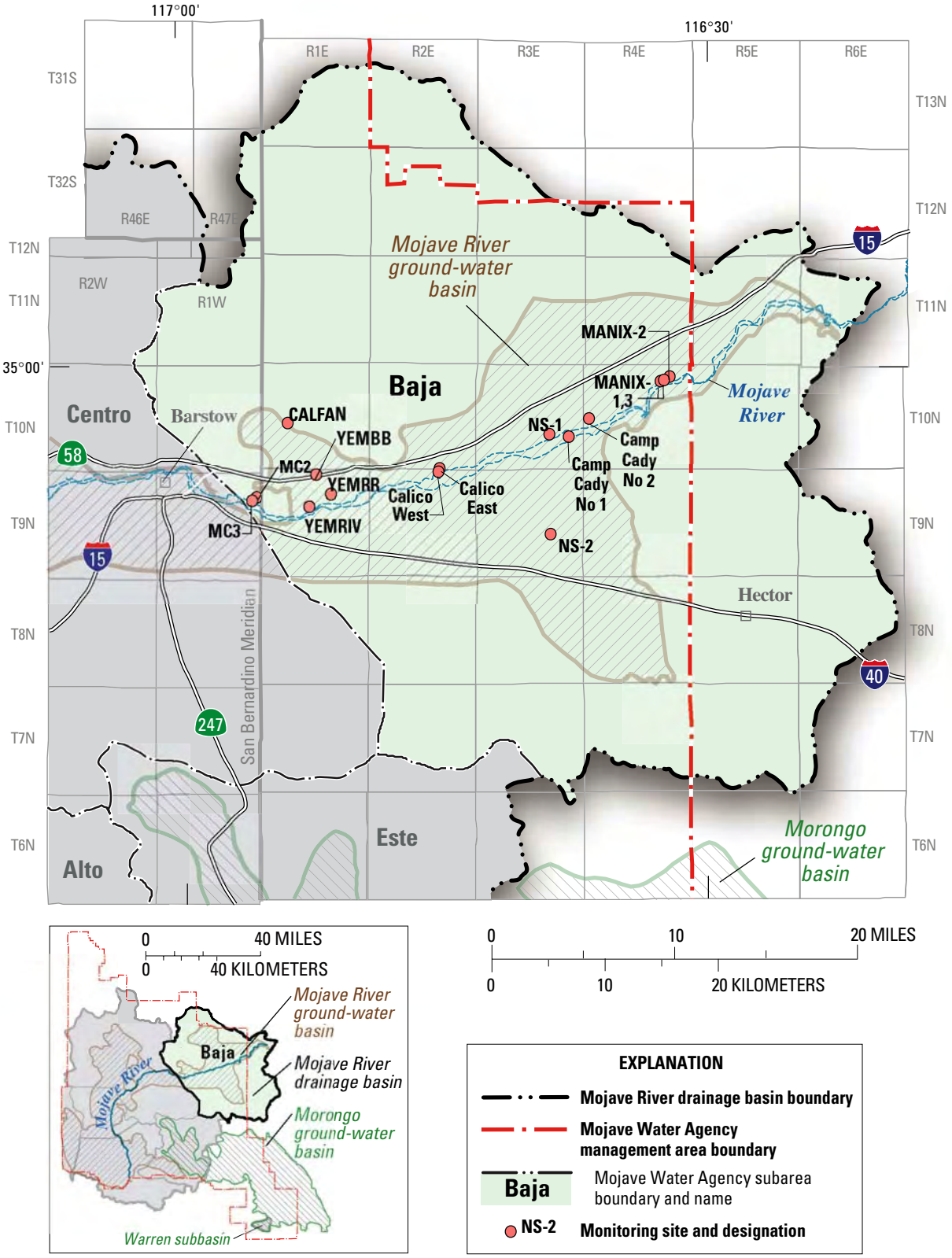


Figure E1. Location of monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table E1. Well-construction data for monitoring sites in the Baja 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 YEMBB									
YEMBB					0–60	Cement grout			
YEMBB-195	9N/1E-4K3	Multiple	195	155–223	60–155	Bentonite	175–195	1,965	06-06-93
YEMBB-340	9N/1E-4K2	Multiple	340	292–352	223–292	Bentonite	320–340	1,965	06-06-93
YEMBB-470	9N/1E-4K1	Multiple	470	428–480	352–428	Bentonite	450–470	1,965	06-06-93
Site YEMRR									
YEMRR					0–60	Cement grout			
YEMRR-200	9N/1E-10Q4	Multiple	200	152–238	60–152	Bentonite	180–200	1,948	06-03-93
YEMRR-350	9N/1E-10Q3	Multiple	350	300–362	238–300	Bentonite	330–350	1,948	06-03-93
YEMRR-550	9N/1E-10Q2	Multiple	550	510–560	362–510	Bentonite	530–550	1,948	06-03-93
Site YEMRIV									
YEMRIV					0–40	Cement grout			
YEMRIV-150	9N/1E-16F4	Multiple	150	109–171	40–109	Bentonite	130–150	1,950	07-14-93
YEMRIV-250	9N/1E-16F3	Multiple	250	212–267	171–212	Bentonite	230–250	1,950	07-14-93
YEMRIV-340	9N/1E-16F2	Multiple	340	295–357	267–295	Bentonite	320–340	1,950	07-14-93
YEMRIV-410	9N/1E-16F1	Multiple	410	374–420	357–374	Bentonite	390–410	1,950	07-14-93
Site MC2									
MC2-80	9N/1W-12L5	Multiple	80	40–110	0–40	Cement grout	60–80	2,002	06-17-92
MC2-185	9N/1W-12L4	Multiple	185	145–214	110–145	Bentonite	165–185	2,002	06-17-92
MC2-320	9N/1W-12L3	Multiple	320	280–360	214–280	Bentonite	300–320	2,002	06-17-92
MC2-450	9N/1W-12L2	Multiple	450	412–482	360–412	Bentonite	430–450	2,002	06-17-92
Site MC3									
MC3					0–40	Cement grout			
MC3 at 80	9N/1W-12N7	Multiple	80	42–104	40–42	Bentonite	60–80	2,010	06-24-92
MC3 at 170	9N/1W-12N6	Multiple	170	137–182	104–137	Bentonite	150–170	2,010	06-24-92
MC3 at 310	9N/1W-12N5	Multiple	310	268–320	182–268	Bentonite	290–310	2,010	06-24-92
MC3 at 640	9N/1W-12N4	Multiple	640	599–660	320–599	Bentonite	620–640	2,010	06-24-92
Site Calico East									
Calico East-140	9N/2E-3G9	Multiple	140	91–162	0–91	Cement grout	120–140	1,848	03-16-94
Calico East-300	9N/2E-3G8	Multiple	300	248–312	162–248	Bentonite	280–300	1,848	03-16-94
Calico East-490	9N/2E-3G7	Multiple	490	438–510	312–438	Bentonite	470–490	1,848	03-16-94
Calico East-600	9N/2E-3G6	Multiple	600	561–600	510–561	Bentonite	580–600	1,848	03-16-94
Site Calico West									
Calico West					0–15	Cement grout			
Calico West-65	9N/2E-3K9	Multiple	65	35–85	15–35	Bentonite	45–65	1,853	03-20-94
Calico West-210	9N/2E-3K8	Multiple	210	168–230	85–168	Bentonite	190–210	1,853	03-20-94
Calico West-340	9N/2E-3K7	Multiple	340	300–365	230–300	Bentonite	320–340	1,853	03-20-94

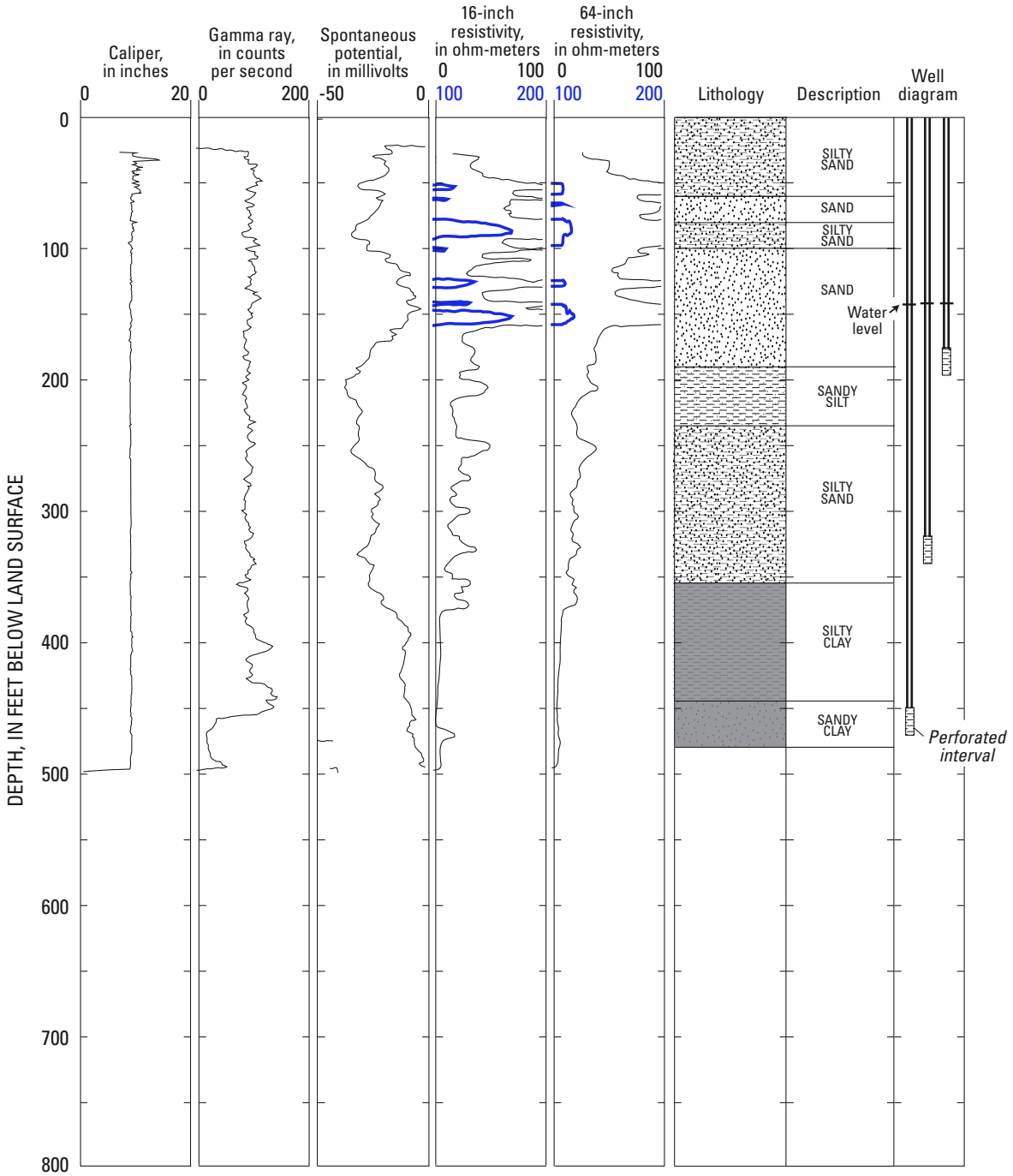
Table E1. Well-construction data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

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
Calico West-510	9N/2E-3K6	Multiple	510	452–528	365–452	Bentonite	490–510	1,853	03-20-94
Calico West-650	9N/2E-3K5	Multiple	650	605–660	528–605	Bentonite	630–650	1,853	03-20-94
Site NS-2									
NS-2					0–50	Cement grout			
NS-2 NO 4	9N/3E-22R7	Multiple	129	89–150	50–89	Bentonite	90–110	1,825	02-03-93
NS-2 NO 3	9N/3E-22R6	Multiple	290	250–310	150–250	Bentonite	270–290	1,825	02-03-93
NS-2 NO 2	9N/3E-22R5	Multiple	510	459–535	310–459	Bentonite	490–510	1,825	02-03-93
NS-2 NO 1	9N/3E-22R4	Multiple	610	571–620	535–571	Bentonite	590–610	1,825	02-03-93
Site CALFAN									
CALFAN					0–45	Cement grout			
CALFAN-285	10N/1E-20M2	Multiple	285	228–303	45–228	Bentonite	265–285	2,090	06-16-93
CALFAN-350	10N/1E-20M1	Multiple	350	328–360	303–328	Bentonite	340–350	2,090	06-16-93
Site CAMP CADY NO 1									
CAMP CADY NO 1	10N/3E-26H1	Single	24.7				14.7–24.7	1,730	12-05-95
Site NS-1									
NS-1					0–40	Cement grout			
NS-1 at 90	10N/3E-27J4	Multiple	90	48–107	40–48	Bentonite	70–90	1,750	06-13-92
NS-1 at 255	10N/3E-27J3	Multiple	255	210–273	107–210	Bentonite	235–255	1,750	06-13-92
NS-1 at 370	10N/3E-27J2	Multiple	370	320–379	273–320	Bentonite	350–370	1,750	06-13-92
NS-1 at 570	10N/3E-27J1	Multiple	570	520–600	379–520	Bentonite	550–570	1,750	06-13-92
NS-1					0–9	Cement grout			
NS-1 at 45	10N/3E-27J5	Single	45	16–45	9–16	Bentonite	35–45	1,750	05-08-93
Site MANIX-2									
MANIX-2-2	10N/4E-11C2	Multiple	16	3–18	0–3	Bentonite	6–16	1,603.44	01-05-96
MANIX-2-1	10N/4E-11C1	Multiple	120	107–121	18–24	Bentonite	110–120	1,603.44	01-05-96
Site MANIX-1									
MANIX-1-2	10N/4E-11E2	Multiple	35	12.5–37	9–12.5	Bentonite	25–35	1,612.07	01-03-96
MANIX-1-1	10N/4E-11E1	Multiple	130	114–130	37–39	Bentonite	120–130	1,612.07	01-03-96
Site MANIX-3									
MANIX-3-2	10N/4E-11E4	Multiple	9	7.5–9	0–3	Bentonite	8–9	1,607.69	01-05-96
MANIX-3-1	10N/4E-11E3	Multiple	30	28–30	13–15	Bentonite	29–30	1,607.69	01-05-96
Site CAMP CADY NO 2									
CAMP CADY NO 2	10N/4E-19M4	Single	19				9.5–19	1,700	12-05-95

Table E2. Lithologic log for multiple-well monitoring site YEMBB (wells 9N/1E-4K1–3) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 1,965 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 1993. Total depth drilled 480 ft. Screened intervals: 450–470, 320–340, and 175–195 ft]

Depth (ft)		Description
From	To	
0	20	Silty sand, fine to very coarse, with minor clay; poorly sorted; angular to rounded; biotite, quartz; moderate yellowish brown (10YR 5/4)
20	40	Sand, very fine to very coarse but skewed toward coarse, with some silt; poorly sorted; angular to rounded; quartz, feldspar, biotite; moderate yellowish brown (10YR 5/4)
40	60	Silty sand, very fine to very coarse, with minor clay; poorly sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
60	80	Sand, fine to very coarse; poorly sorted; angular to rounded; biotite, quartz; dark yellowish orange (10YR 6/6)
80	100	Silty sand, very fine to very coarse, with some clay; poorly sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
100	120	Sand, fine to coarse; moderately sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
120	140	Silty sand, very fine to very coarse; very poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
140	160	Sand, very fine to very coarse; poorly sorted; angular to subrounded; dark yellowish orange (10YR 6/6)
160	190	Sand, fine to very coarse, with some silt; poorly sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
190	220	Sandy silt, very fine to very coarse but skewed toward fine; moderately sorted; angular to rounded; dark yellowish brown (10YR 4/2)
220	235	Silty sand, medium to very coarse, with some clay; poorly sorted; angular to rounded; dark yellowish brown (10YR 4/2)
235	260	Silty sand, fine to very coarse, with trace clay; poorly sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
260	320	Sandy silt, very fine to very coarse, with some clay; poorly sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
320	340	Silty sand, medium to very coarse, with trace clay; poorly sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
340	355	Silty sand, very fine to very coarse, with minor clay; very poorly sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
355	380	Sandy clay, very fine to very coarse; poorly sorted; angular to subrounded; no organics; pale yellowish brown (10YR 6/2)
380	400	Sandy clay, very fine to very coarse; poorly sorted; subangular to subrounded; no organics; pale yellowish brown (10YR 6/2)
400	420	Clay, with some sand, very fine to coarse; poorly sorted; subangular to subrounded; no organics; pale yellowish brown (10YR 6/2)
420	445	Clay, with some sand, very fine to very coarse; poorly sorted; subrounded to subangular; no organics; pale yellowish brown (10YR 6/2)
445	455	Sandy clay, very fine to very coarse; poorly sorted; subangular; no organics; moderate yellowish brown (10YR 5/4)
455	480	Sandy clay, very fine to very coarse; poorly sorted; subangular to subrounded; no organics; 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 E2. Geophysical logs, lithology, and well diagram for multiple-well monitoring site YEMBB (wells 9N/1E-4K1–3) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California.

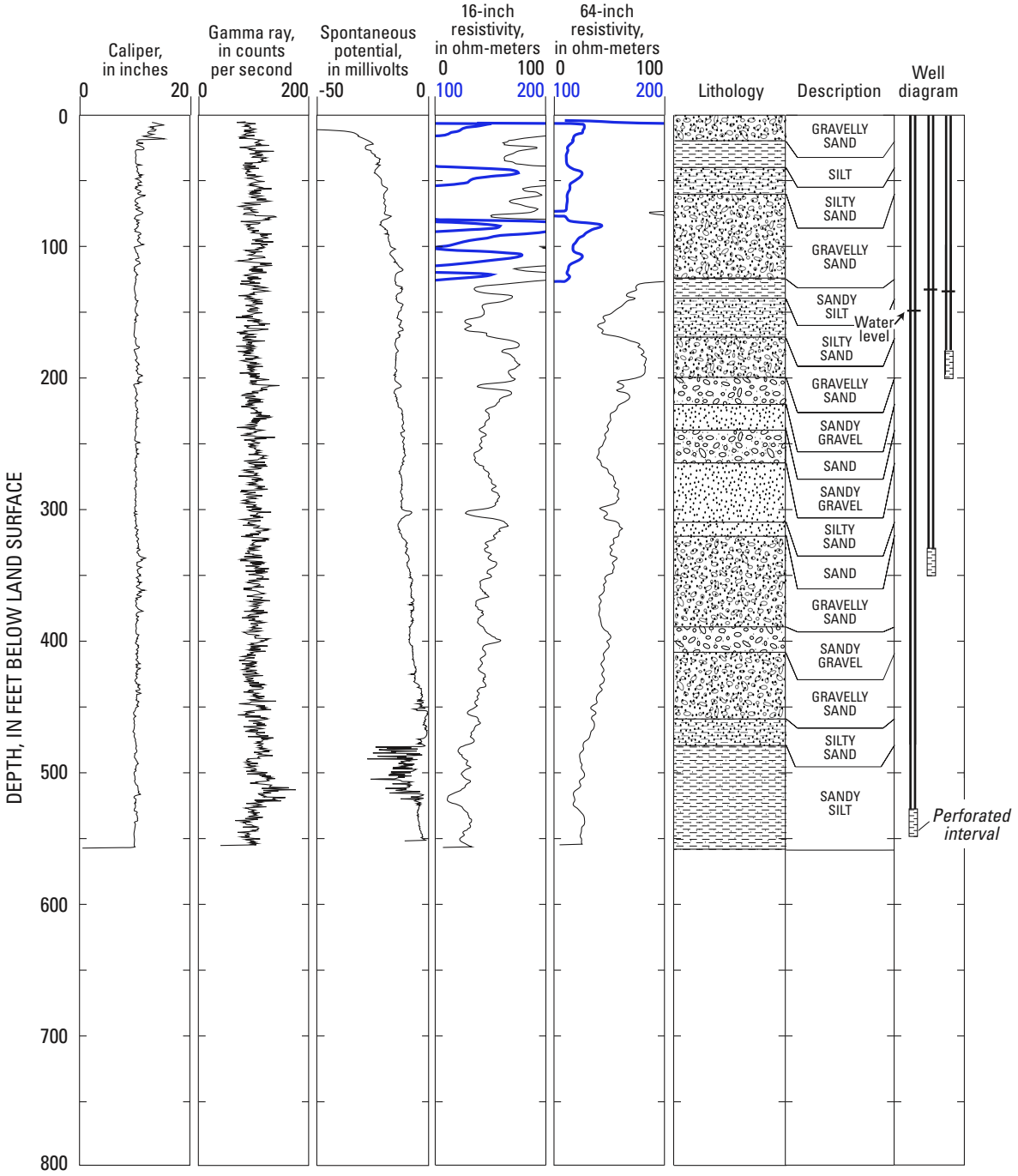
Table E3. Lithologic log for multiple-well monitoring site YEMRR (wells 9N/1E-10Q2–4) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 1,948 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 1993. Total depth drilled 560 ft. Screened intervals: 530–550, 330–350, and 180–200 ft]

Depth (ft)		Description
From	To	
0	20	Sand, fine to very coarse, with minor gravel, trace silt; moderately sorted; angular to rounded; grayish orange (10YR 7/4)
20	40	Silt, with trace coarse to very coarse sand, trace gravel; moderately sorted; subrounded; moderate yellowish brown (10YR 5/4)
40	60	Sand, fine to very coarse but skewed toward coarse, with some gravel, minor silt; poorly sorted; angular to rounded; dark yellowish orange (10YR 6/6)
60	80	Sand, fine to very coarse, skewed toward coarse, with some gravel, trace silt; poorly sorted; angular to rounded; dark yellowish orange (10YR 6/6)
80	100	Sand, fine to very coarse, with some gravel, trace silt; poorly sorted; angular to rounded; dark yellowish orange (10YR 6/6)
100	125	Gravel, granules and pebbles, with some sand, trace silt; poorly sorted; angular to rounded; dark yellowish orange (10YR 6/6)
125	140	Sandy silt, fine to very coarse, with some gravel, trace to minor clay; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
140	160	Sand, fine to very coarse, with some silt, some gravel; poorly sorted; angular to subrounded; dark yellowish orange (10YR 6/6)
160	170	Silty sand, fine to very coarse; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
170	200	Gravelly sand, coarse to very coarse, with gravel, granules to pebbles, skewed toward pebbles, trace silt; moderately sorted; angular to subrounded; dark yellowish orange (10YR 6/6)
200	220	Sandy gravel, granules to pebbles, skewed toward pebbles, with sand, coarse to very coarse, trace silt; well-sorted; angular to rounded; dark yellowish orange (10YR 6/6)
220	240	Sand, coarse to very coarse, with some gravel; well-sorted; angular to subrounded; dark yellowish orange (10YR 6/6)
240	265	Sandy gravel, silt, granules, pebbles and sand; medium to very coarse; moderately sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
265	280	Sand, medium to very coarse, some gravel and silt; moderately sorted; dark yellowish orange (10YR 6/6)
280	310	Sand, medium to very coarse, with some gravel and silt; moderately sorted; angular to subrounded; dark yellowish orange (10YR 6/6)
310	320	Sand, medium to very coarse; moderately sorted; angular to rounded; abundant quartz and muscovite; grayish orange (10YR 7/4)
320	340	Gravelly sand, coarse to very coarse, pebbles and granules; moderately sorted; angular to subrounded; dark yellowish orange (10YR 6/6)
340	360	Gravelly sand, coarse to very coarse, pebbles and granules; moderately sorted; angular to subrounded; dark yellowish orange (10YR 6/6)
360	380	Gravelly sand, coarse to very coarse, granules; moderately sorted; angular to subrounded; dark yellowish orange (10YR 6/6)
380	390	Gravelly sand, coarse to very coarse, granules; moderately sorted; subrounded; moderate yellowish brown (10YR 5/4)
390	410	Sandy gravel, coarse to very coarse sand, with pebbles and granules; moderately to poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
410	440	Sand, coarse to very coarse, some gravel, trace silt; moderately sorted; angular to subrounded; basalt clasts; moderate yellowish brown (10YR 5/4)

Table E3. Lithologic log for multiple-well monitoring site YEMRR (wells 9N/1E-10Q2–4) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Depth (ft)		Description
From	To	
440	460	Sand, coarse to very coarse, with some gravel, trace silt; angular to subrounded; moderate yellowish brown (10YR 5/4)
460	480	Sand, coarse to very coarse, with some silt, some gravel; angular to subrounded; moderate yellowish brown (10YR 5/4)
480	500	Silty sand, fine to very coarse, with some gravel; poorly sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
500	520	Sandy silt, fine to very coarse, with some clay; poorly sorted; angular to subrounded; moderate brown (5YR 3/4)
520	540	Silty sand, very fine to very coarse but skewed toward fine, with some clay; poorly sorted; angular to subrounded; light brown (5YR 6/4)
540	560	Confirmed bedrock at 545 feet



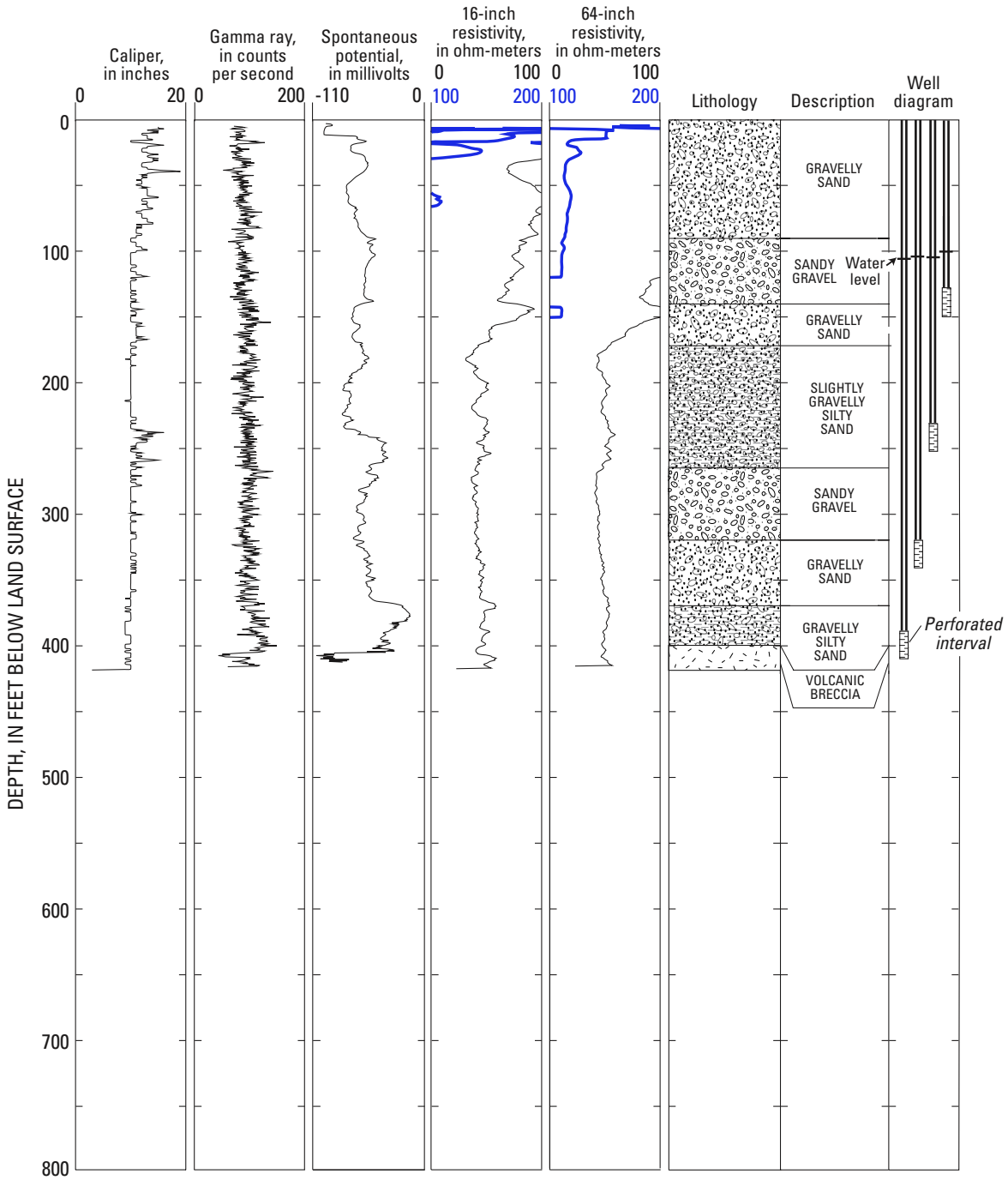
Note: Some lithologic units may have been combined for presentation in this figure and the lithologic description may not correspond exactly to the description in the lithologic log shown in table.

Figure E3. Geophysical logs, lithology, and well diagram for multiple-well monitoring site YEMRR (wells 9N/1E-10Q2–4) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table E4. Lithologic log for multiple-well monitoring site YEMRIV (wells 9N/1E-16F1–4) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 1,950 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 420 ft. Screened intervals: 390–410, 320–340, 230–250, and 130–150 ft]

Depth (ft)		Description
From	To	
0	20	Sand and some gravel, very fine to very coarse, some granules and silt, with occasional small pebbles; very poorly sorted; subrounded to angular; moderate yellowish brown (10YR 5/4)
20	40	Sand, with some granules and silt, occasional small pebbles; very poorly sorted; subrounded to subangular; dark yellowish brown (10YR 4/2)
40	60	Sand, very fine to very coarse, with gravel granules and small pebbles, some silt; very poorly sorted; subrounded to subangular; dark yellowish brown (10YR 4/2)
60	90	Sand, very fine to very coarse, with gravel granules, and small pebbles; poorly sorted; subrounded to subangular; dark yellowish brown (10YR 4/2)
90	100	Gravel, granules to small pebbles, with some very fine to very coarse sand, some silt and clay; very poorly sorted; subrounded to angular; dark yellowish brown (10YR 4/2)
100	120	Gravel, granules to small pebbles, with very fine to very coarse sand, and some silt and clay; very poorly sorted; subrounded to angular; dark yellowish brown (10YR 4/2)
120	140	Gravel, granules to small pebbles, with very fine to very coarse sand; very poorly sorted; subangular; moderate yellowish brown (10YR 5/4)
140	160	Sand, very coarse to very fine, with gravel, granules to small pebbles, some silt; poorly sorted; subangular to subrounded; dark yellowish brown (10YR 4/2)
160	180	Sand, very coarse to very fine, with gravel, some granules to small pebbles, some silt; poorly sorted; subangular to subrounded; dark yellowish brown (10YR 4/2)
180	200	Sand, fine to very coarse, with some silt; angular to rounded; moderate yellowish brown (10YR 5/4)
200	220	Sand, very fine to very coarse, and gravel, granules to small pebbles, some silt; very poorly sorted; subangular to subrounded; dark yellowish brown (10YR 4/2)
220	235	Sand, very fine to very coarse, and gravel, granules to small pebbles, some silt; very poorly sorted; subrounded to angular; dark yellowish brown; (10YR 4/2)
235	265	Sand, very fine to very coarse with gravel, granules and small pebbles, silt; very poorly sorted; subrounded to angular; dark yellowish brown (10YR 4/2)
265	280	Gravel, granules to small pebbles, with very fine to very coarse sand, some silt; very poorly sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
280	300	Gravel, small pebbles to granules, with very fine to very coarse sand, some silt; very poorly sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
300	320	Gravel, granules to small pebbles, and sand, very fine to very coarse, some silt; poorly sorted; subrounded to subangular; dark yellowish brown (10YR 4/2)
320	340	Sand, very fine to very coarse, with gravel, granules and small pebbles; very poorly sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
340	360	Sand, very fine to very coarse, and gravel, granules to small pebbles, some silt; very poorly sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
360	370	Gravel, granules to small pebbles, with some silt; very poorly sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
370	400	Sand, very fine to very coarse, with gravel, granules to small pebbles, silt, some clay; very poorly sorted; subangular to subrounded; moderate brown (5YR 4/4)
400	419.5	No sample collected. Logbook: Fractured rock with some hydrated clay matrix
419.5	420	Core: Calcite cemented, sandy, silty clay; matrix, volcanic breccia



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 E4. Geophysical logs, lithology, and well diagram for multiple-well monitoring site YEMRIV (wells 9N/1E-16F1–4) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California.

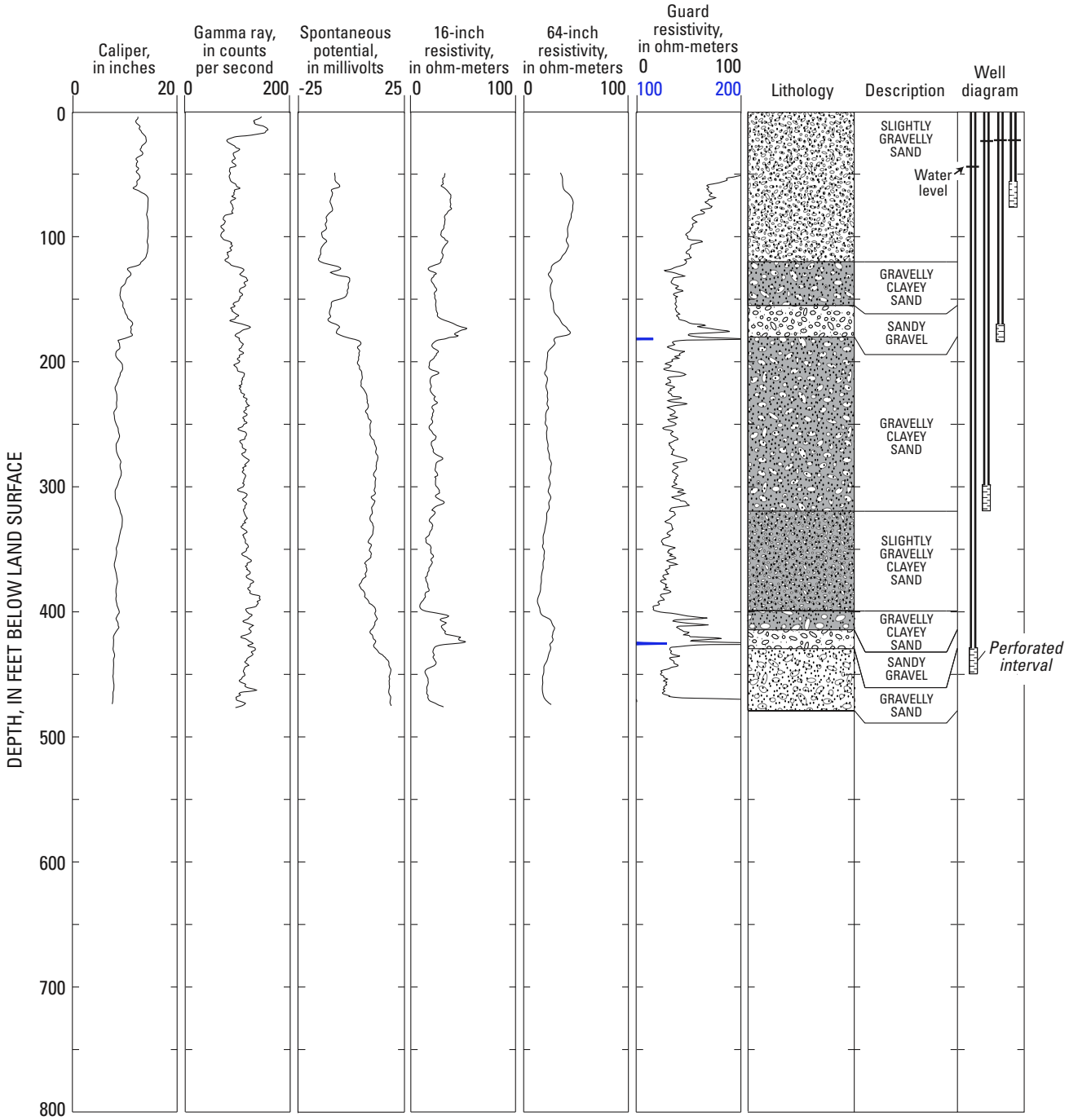
Table E5. Lithologic log for multiple-well monitoring site MC2 (wells 9N/1W-12L2–5) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,002 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 1992. Total depth drilled 480 ft. Screened intervals: 430–450, 300–320, 165–185, and 60–80 ft]

Depth (ft)		Description
From	To	
0	20	Slightly gravelly sand, fine to coarse, with little silt; moderately to well-sorted; subrounded; predominantly quartz, dark lithic fragments, biotite; moderate yellowish brown (10YR 5/4)
20	40	Slightly gravelly sand, fine to coarse, with occasional granules; moderately to well-sorted; subrounded to rounded; quartz, lithic fragments, some biotite; moderate yellowish brown (10YR 5/4)
40	60	Slightly gravelly sand, medium to coarse, with occasional pebbles; moderately sorted; subrounded; quartz, dark lithic fragments; moderate yellowish brown (10YR 5/4)
60	80	Slightly gravelly sand, fine to coarse, with occasional granules; moderately sorted; subrounded; quartz, lithic fragments, biotite; moderate yellowish brown (10YR 5/4)
80	100	Slightly gravelly sand, very fine to coarse, with occasional granules, some silt; moderately sorted; subrounded; quartz, dark lithic fragments, biotite; moderate brown (5YR 4/4)
100	120	Slightly gravelly sand, fine to coarse, with occasional granules; moderately sorted; subangular to subrounded; quartz, dark lithic fragments; moderate brown (5YR 4/4)
120	140	Gravelly sand, very fine to coarse, with clay, occasional pebbles; poorly sorted; subrounded; quartz, dark lithic fragments; moderate brown (5YR 4/4)
140	155	Gravelly clayey sand, very fine to coarse, with occasional pebbles; poorly sorted; subrounded; quartz, lithic fragments; moderate brown (5YR 4/4)
155	180	Sandy gravel, medium to very coarse pebbles, with some clay; poorly sorted; subangular; quartz, dark lithic fragments; moderate yellowish brown (10YR 5/4)
180	200	Gravelly sand, very fine to very coarse, with some clay; poorly sorted; subangular; quartz, dark lithic fragments; moderate brown (5YR 4/4)
200	220	Gravelly clayey sand, very fine to coarse, with some clay, occasional pebbles; poorly sorted; subangular; quartz, dark lithic fragments; moderate brown (5YR 4/4)
220	240	Gravelly clayey sand, very fine to coarse, with some clay, occasional pebbles; poorly sorted; subangular; quartz, dark lithic fragments; moderate brown (5YR 4/4)
240	262	Sand, very fine to coarse, with some clay, occasional very coarse pebbles; moderately sorted; subrounded; quartz, dark lithic fragments; moderate brown (5YR 4/4)
262	280	Gravelly clayey sand, very fine to coarse, with some clay, occasional very coarse pebbles; moderate to poorly sorted; subangular; quartz, dark lithic fragments; moderate brown (5YR 3/4)
280	300	Gravelly clayey sand, very fine to coarse, occasional very coarse grains with pebbles; poorly sorted; subangular; quartz, dark lithic fragments; moderate brown (5YR 4/4)
300	320	Gravelly clayey sand, very fine to coarse, and clay, with occasional very coarse grains; moderately sorted; quartz, dark lithic fragments; subrounded; moderate brown (5YR 4/4)
320	340	Slightly gravelly clayey sand, very fine to medium; moderately sorted; subrounded; quartz, dark lithic fragments; moderate brown (5YR 4/4)
340	360	Slightly gravelly clayey sand, very fine to medium; moderately sorted; subangular; quartz, dark lithic fragments; moderate brown (5YR 4/4)
360	380	Slightly gravelly clayey sand, very fine to medium, with silt and clay; moderately sorted; subrounded to subangular; quartz, dark lithic fragments; moderate brown (5YR 4/4)
380	400	Slightly gravelly clayey sand, very fine to medium, with silt and clay; moderately sorted; subangular; quartz, dark lithic fragments, biotite; moderate brown (5YR 4/4)
400	415	Gravelly clayey sand, fine to coarse, with occasional pebbles; poorly sorted; subangular to angular; quartz, dark lithic fragments; moderate brown (5YR 3/4)

Table E5. Lithologic log for multiple-well monitoring site MC2 (wells 9N/1W-12L2–5) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Depth (ft)		Description
From	To	
415	430	Sandy gravel, fine to coarse, occasional pebbles; poorly sorted; subangular to angular; quartz, dark lithic fragments; moderate brown (5YR 3/4)
430	460	Gravelly sand, fine to very coarse (only shaker sample available); poorly sorted; subangular to angular; quartz, dark lithic fragments
460	478	Breccia; gravelly sand, fine to medium, with occasional coarse granules and cobbles; poorly sorted; angular to subangular; quartz, dark lithic fragments; moderate brown (5YR 3/4)
478	480	**CORE**:
		Consolidated breccia with carbonate mudstone matrix; rock fragments, angular, poorly sorted, from mostly igneous sources; matrix, light brown (5YR 5/6) to moderate brown (5YR 4/4), overlain by approximately 8 inches of andesite; consolidated, dense, aphanitic, extrusive rock; calcification along surface approximately 4 inches from top; pale brown (5YR 5/2) to dark yellowish brown (10YR 4/2); intruded by 2.5-inch granitic vein



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 E5. Geophysical logs, lithology, and well diagram for multiple-well monitoring site MC2 (wells 9N/1W-12L2–5) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California.

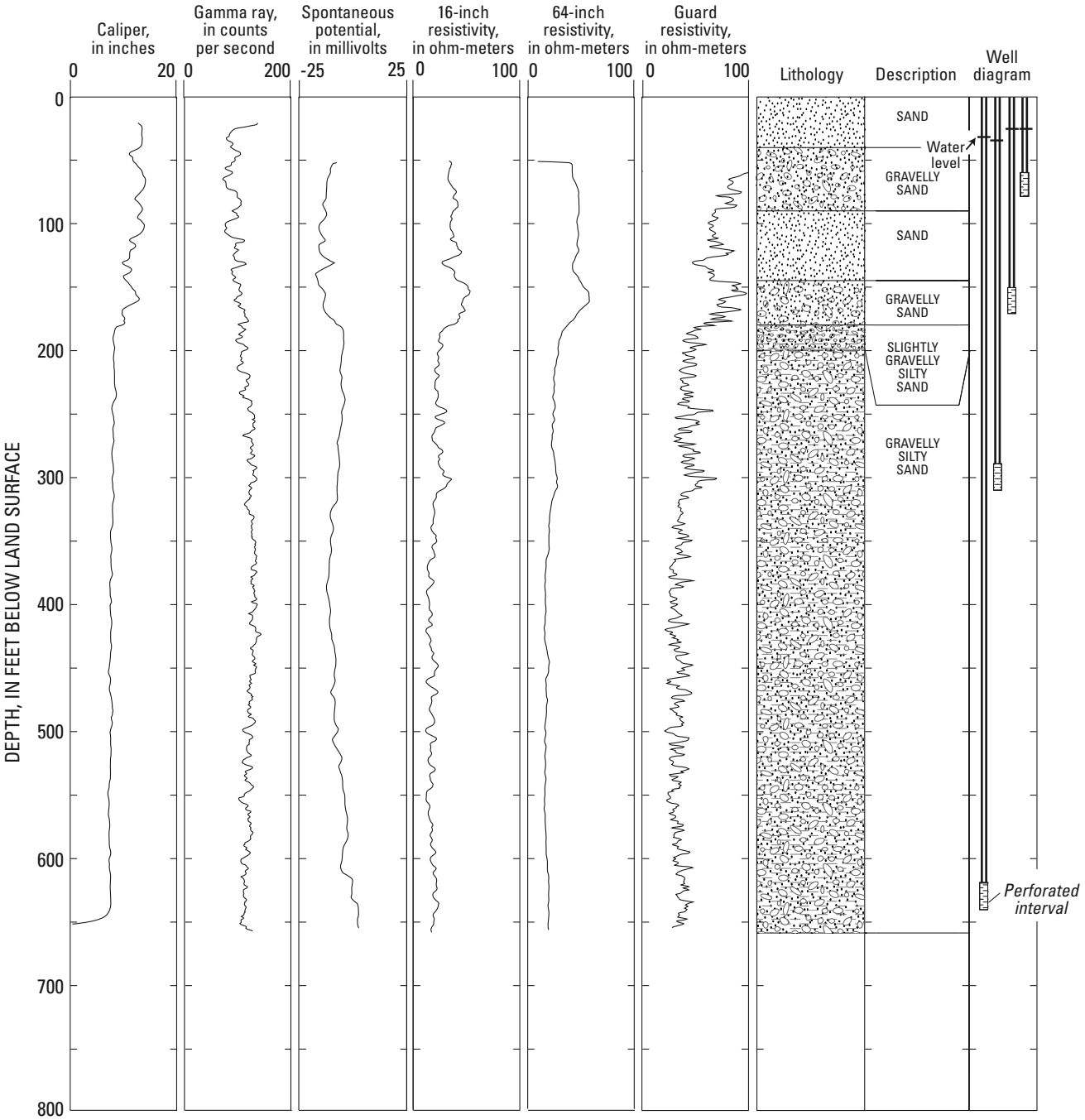
Table E6. Lithologic log for multiple-well monitoring site MC3 (wells 9N/1W-12N4–7) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,010 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 1992. Total depth drilled 660 ft. Screened intervals: 620–640, 290–310, 150–170, and 60–80 ft]

Depth (ft)		Description
From	To	
0	20	Sand, fine to very coarse; poorly sorted; subangular; quartz, feldspar, biotite; dark yellowish orange (10YR 6/6)
20	40	Sand, fine to very coarse; poorly sorted; subangular to subrounded; quartz, feldspar, biotite; grayish orange (10YR 7/4)
40	60	Sand, fine to very coarse, gravel, pebbles; poorly sorted; subrounded to subangular; quartz, feldspar, biotite; grayish orange (10YR 7/4)
60	80	Sand, fine to very coarse, gravel, granules and pebbles; poorly sorted; subangular; quartz, feldspar, biotite, chert; grayish orange (10YR 7/4)
80	90	Sand, fine to very coarse, gravel, granules to pebbles; poorly sorted; subangular; quartz, feldspar; grayish orange (10YR 7/4)
90	120	Sand, fine to very coarse, with rock chips; poorly sorted; subangular; quartz, feldspar; grayish orange (10YR 7/4)
120	145	Sand, fine to very coarse, with some rock chips, some fine gravel; poorly sorted; subangular; quartz grayish orange (10YR 7/4)
145	160	Sand, fine to very coarse, with some gravel, fine to medium; poorly sorted; subangular; grayish orange (10YR 7/4)
160	180	Sand, fine to very coarse, gravel, granules and pebbles; poorly sorted; subrounded to subangular; grayish orange (10YR 7/4)
180	200	Gravelly sand and some silt; sand, very fine to very coarse; gravel, pebbles and granules; poorly sorted; subangular to angular rock chips; moderate yellowish brown (10YR 5/4)
200	220	Silty sand, very fine to very coarse, and some gravel granules; poorly sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
220	240	Silty sand, very fine to very coarse, with some clay, some gravel; poorly sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
240	260	Silty sand, very fine to very coarse, with some clay, some gravel; poorly sorted; subrounded to angular; dark yellowish brown (10YR 4/2)
260	280	Silty sand, very fine to very coarse, with some clay, some gravel; poorly sorted; angular to rounded; dark yellowish brown (10YR 4/2)
280	300	Silty sand, very fine to very coarse, with some gravel, some clay; poorly sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
300	320	Silty sand, very fine to very coarse, with some gravel, some clay; very poorly sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
320	340	Silty sand, very fine to very coarse, with some gravel, some clay; poorly sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
340	360	Silty sand, very fine to coarse, with some gravel, some clay; poorly sorted; angular to subangular; dark yellowish brown (10YR 4/2)
360	380	Silty sand, very fine to very coarse, with some gravel, minor clay; poorly sorted; subrounded to subangular; moderate brown (5YR 4/4)
380	400	Silty sand, very fine to very coarse, with some gravel, minor clay; poorly sorted; moderate brown (5YR 4/4)
400	420	Silty sand, very fine to very coarse, minor gravel, minor clay; poorly sorted; subangular to subrounded; moderate brown (5YR 4/4)
420	440	Silty sand, very fine to very coarse, with some gravel, some clay; poorly sorted; subrounded to subangular; moderate brown (5YR 4/4)

Table E6. Lithologic log for multiple-well monitoring site MC3 (wells 9N/1W-12N4–7) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Depth (ft)		Description
From	To	
440	460	Silty sand, very fine to very coarse, with some gravel, some clay; very poorly sorted; subangular to subrounded; moderate brown (5YR 4/4)
460	480	Silty sand, very fine to very coarse, with minor gravel, minor clay; moderately well sorted; subangular to subrounded; moderate brown (5YR 4/4)
480	500	Silty sand, very fine to very coarse, with minor gravel, minor clay; poorly sorted; subrounded to subangular; moderate brown (5YR 4/4)
500	520	Silty sand, very fine to very coarse, with some gravel, minor clay; poorly sorted; subangular to subrounded; moderate brown (5YR 4/4)
520	540	Silty sand, very fine to very coarse, with some gravel, minor clay; moderately well sorted; subangular to subrounded; moderate brown (5YR 4/4)
540	580	Silty sand, very fine to very coarse, with some gravel, minor clay; poorly sorted; angular to subangular; moderate brown (5YR 4/4)
580	600	Silty sand, very fine to very coarse, with some gravel, some clay; poorly sorted; angular to subrounded; moderate brown (5YR 4/4)
600	620	Silty sand, very fine to very coarse, with some gravel, minor clay; poorly sorted; angular to subrounded; moderate brown (5YR 4/4)
620	640	Silty sand, very fine to very coarse, with some gravel, trace clay; poorly sorted; angular to rounded; moderate brown (5YR 4/4)
640	660	Sand, very fine to very coarse, with some silt; angular 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 E6. Geophysical logs, lithology, and well diagram for multiple-well monitoring site MC3 (wells 9N/1W-12N4–7) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table E7. Lithologic log for multiple-well monitoring site Calico East (wells 9N/2E-3G6–9) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 1,848 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 1994. Total depth drilled 600 ft. Screened intervals: 580–600, 470–490, 280–300 and 120–140 ft]

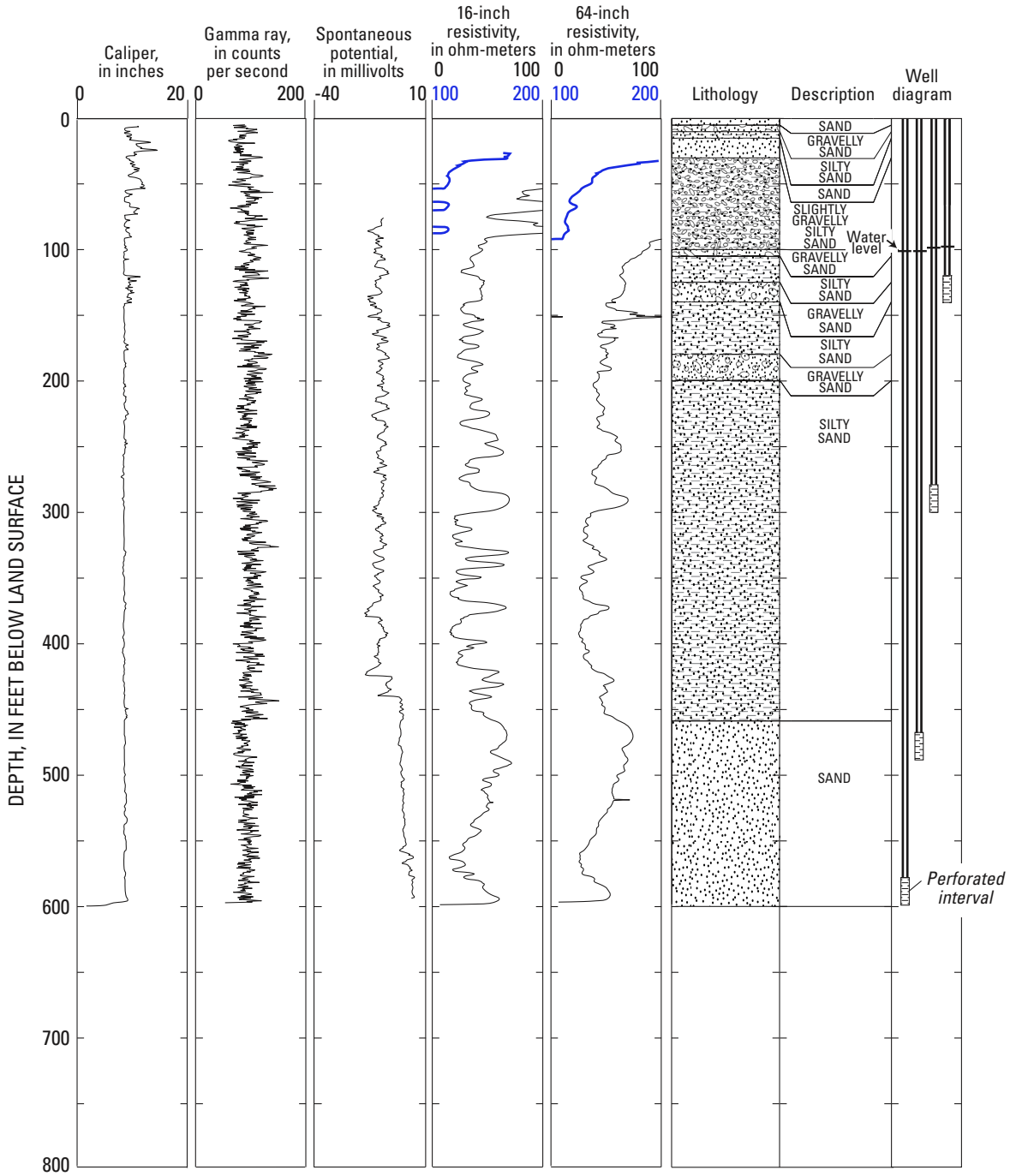
Depth (ft)		Description
From	To	
0	5	Sand, very fine to very coarse; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
5	10	Gravelly sand, very fine to fine, pebbles; well-sorted; angular to subrounded; dusky yellowish brown (10YR 2/2)
10	15	Silty sand, very fine to very coarse, skewed toward fine, some gravel pebbles; angular to subrounded; moderate yellowish brown (10YR 5/4)
15	20	Sand, very fine to very coarse; poorly sorted; clean (silt free) well-graded; angular to subrounded; pale yellowish brown (10YR 6/2)
20	25	Sand, fine to very coarse, skewed toward coarse; poorly sorted; subangular to subrounded; grayish orange (10YR 7/4)
25	30	Sand, very fine to very coarse, trace silt, trace gravel granules and pebbles; poorly sorted; subrounded; moderate yellowish brown (10YR 5/4)
30	35	Silty sand, very fine to very coarse, some clay, trace gravel pebbles; poorly sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
35	40	Silty sand, very fine to medium, trace clay; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
40	45	Silty sand, abundant gravel granules, trace clay; poorly sorted; subrounded to subangular; moderate yellowish brown (10YR 5/4)
45	50	Sand, fine to coarse, minor gravel granules and pebbles, trace silt; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
50	55	Sand, fine to very coarse, minor gravel granules and pebbles, silt; poorly sorted; subrounded to angular; moderate yellowish brown (10YR 5/4)
55	60	Clayey sand, very fine to medium, minor gravel granules; moderately sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
60	65	Silty sand, very fine to medium, minor clay, minor gravel granules; moderately sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
65	70	Sand, fine to very coarse, some silt, minor gravel; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
70	75	Sand, fine to very coarse, skewed toward coarse, some gravel, trace silt; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
75	80	Silty sand, very fine to medium, some gravel pebbles; moderately sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
80	85	Sand, fine to very coarse, some silt, minor gravel granules; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
85	90	Sand, fine to very coarse, skewed toward coarse, some gravel, trace silt; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
90	95	Sand, very fine to very coarse, some gravel, some silt; poorly sorted; well-graded; angular to subrounded; moderate yellowish brown (10YR 5/4)
95	100	Sand, very fine to very coarse, some silt, minor clay, minor gravel; poorly sorted; well-graded; angular to subrounded; moderate yellowish brown (10YR 5/4)
100	105	Gravelly sand, very fine to medium, some silt; moderately sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
105	110	Clayey sand, very fine to very coarse, skewed toward fine, some silt, trace gravel pebbles; poorly sorted; angular to subrounded; dark yellowish brown (10YR 4/2)

Table E7. Lithologic log for multiple-well monitoring site Calico East (wells 9N/2E-3G6–9) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Depth (ft)		Description
From	To	
110	115	Silty sand, very fine to very coarse, minor clay; poorly sorted; well-graded; angular to subrounded; moderate yellowish brown (10YR 5/4)
115	120	Clayey sand, very fine to medium, some silt, trace gravel pebbles; moderately sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
120	125	Silty sand, very fine to very coarse, some clay, some gravel granules; poorly sorted; well-graded; angular to subrounded; moderate yellowish brown (10YR 5/4)
125	130	Sand, fine to very coarse, minor gravel granules, trace silt; poorly sorted; well-graded; angular to subrounded; grayish orange (10YR 7/4)
130	135	Sand, fine to very coarse, minor gravel granules, trace silt; poorly sorted; well-graded clean sand; angular to subrounded; moderate yellowish brown (10YR 5/4)
135	140	Gravelly sand, fine to very coarse, skewed toward coarse, trace silt; poorly sorted; angular to subrounded; grayish orange (10YR 7/4)
140	145	Silty sand, very fine to very coarse, skewed toward fine, trace clay, trace gravel granules; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
145	150	Sandy clay, some silt, very fine to very coarse; well-sorted fines; angular to subrounded; dark yellowish brown (10YR 4/2)
150	155	Sandy clay, very fine to medium; well-sorted; angular to subrounded; pale yellowish brown (10YR 6/2)
155	160	Clayey sand, very fine to medium, some gravel granules; well-sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
160	180	Silty sand, very fine to very coarse, some gravel granules; poorly sorted; well-graded; angular to subrounded; moderate yellowish brown (10YR 5/4)
180	200	Gravelly sand, very fine to very coarse, minor silt; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
200	220	Silty sand, very fine to very coarse, skewed toward fine, some clay, some granules; poorly sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
220	240	Silty sand, very fine to very coarse, skewed toward fine, some clay, some granules; poorly sorted; angular to rounded; moderate yellowish brown (10YR 5/4)
240	260	Sand, very fine to very coarse, trace gravel granules, trace silt; poorly sorted; well-graded; angular to rounded; moderate yellowish brown (10YR 5/4)
260	280	Silty sand, very fine to medium, some gravel; well-sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
280	300	Silty sand, very fine to fine, minor granules; well-sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
300	320	Silty sand, very fine to fine, minor clay, trace fine gravel; well-sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
320	340	Silty sand, very fine to medium, minor clay, trace granules; moderately sorted; angular to subangular; moderate yellowish brown (10YR 5/4)
340	360	Silty sand, very fine to medium, minor clay, trace gravel pebbles; angular to subrounded; well-sorted; moderate yellowish brown (10YR 5/4)
360	380	Silty sand, very fine to medium, trace clay; well-sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
380	400	Silty sand, very fine to fine, trace clay; very well sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
400	420	Silty sand, very fine to fine; very well sorted; angular to subangular; moderate yellowish brown (10YR 5/4)

Table E7. Lithologic log for multiple-well monitoring site Calico East (wells 9N/2E-3G6–9) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Depth (ft)		Description
From	To	
420	440	Clayey sand, very fine to medium, some silt, trace gravel granules; well-sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
440	460	Silty sand, very fine to medium, trace clay; well-sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
460	480	Sand, fine to very coarse, skewed toward coarse, minor gravel granules, minor silt; poorly coarse; angular to subangular; moderate yellowish brown (10YR 5/4)
480	500	Sand, very fine to coarse, poorly sorted; well-graded; angular to rounded; moderate yellowish brown (10YR 5/4)
500	520	Sand, very fine to very coarse, trace silt; poorly sorted; well-graded; angular to rounded; moderate yellowish brown (10YR 5/4)
520	540	Sand, very fine to very coarse; poorly sorted; well-graded; angular to rounded; moderate yellowish brown (10YR 5/4)
540	560	Sand, very fine to very coarse, trace silt; poorly sorted; well-graded; angular to subrounded; moderate yellowish brown (10YR 5/4)
560	580	Sand, very fine to fine; very well sorted; angular to subangular; pale yellowish brown (10YR 6/2)
580	600	Sand, very fine to medium, minor silt; well-sorted; angular to subrounded; 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 E7. Geophysical logs, lithology, and well diagram for multiple-well monitoring site Calico East (wells 9N/2E-3G6–9) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California.

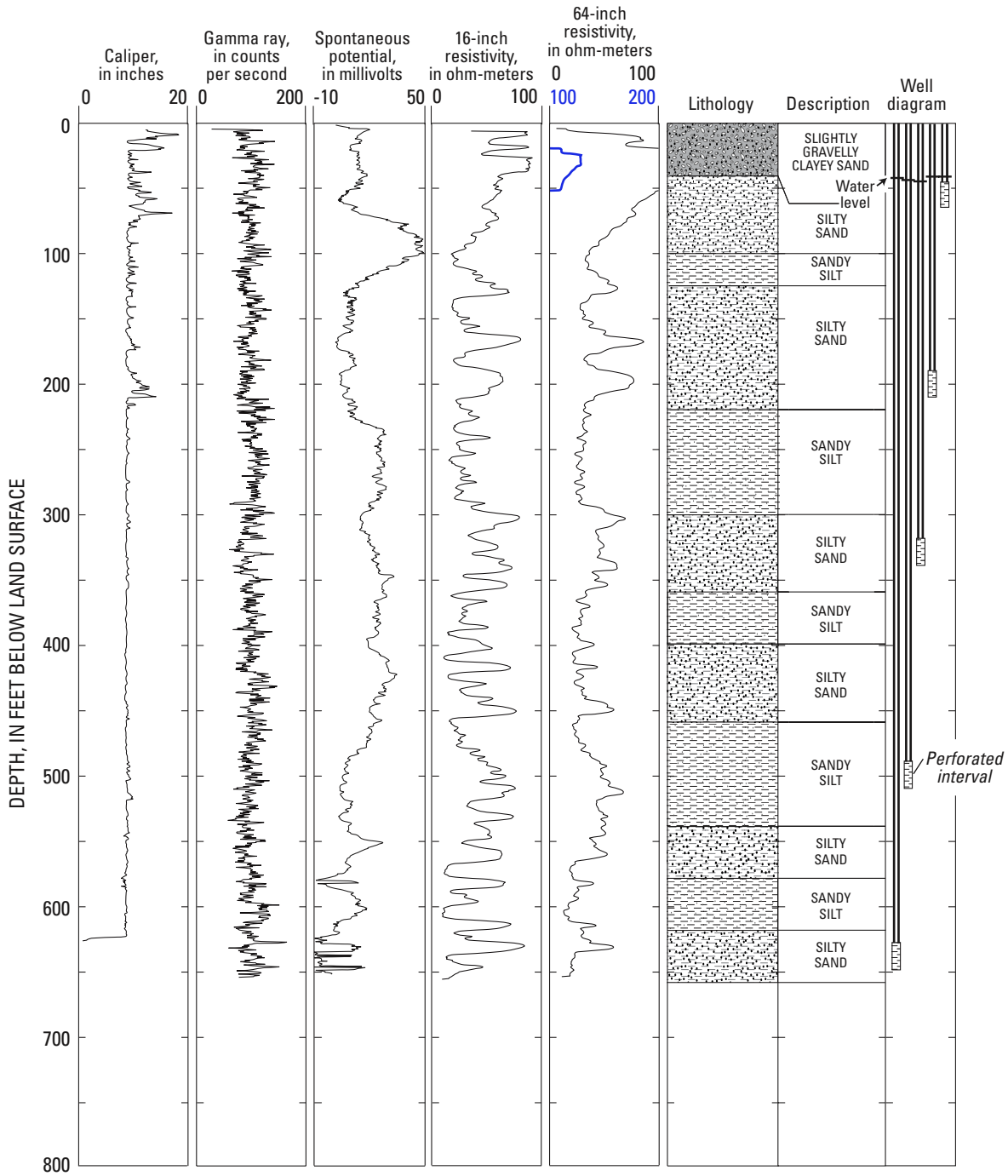
Table E8. Lithologic log for multiple-well monitoring site Calico West (wells 9N/2E-3K5–9) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 1,853 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 1994. Total depth drilled 660 ft. Screened intervals: 630–650, 490–510, 320–340, 190–210, and 45–65 ft]

Depth (ft)		Description
From	To	
0	20	Sand, fine to coarse, some clay, some gravel granules; poorly sorted; subangular to subrounded; grayish olive (10Y 4/2)
20	40	Clayey sand, fine to coarse, minor pebbles; poorly sorted; subangular to subrounded; dark yellowish brown (10YR 4/2)
40	60	Clayey sand, fine to coarse; poorly sorted; subangular to subrounded; dark yellowish brown (10YR 4/2)
60	80	Sand, fine to very coarse, some silt; poorly sorted; angular to subrounded; pale yellowish brown (10YR 6/2)
80	100	Silty sand, fine to very coarse, skewed toward fine; poorly sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
100	120	Sandy clay, good cohesion, high plasticity; fine, well-sorted sand; subrounded; dark yellowish brown (10YR 4/2)
120	140	Silty sand, very fine to coarse, some clay; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
140	160	Sandy clay, very fine to medium sand; moderately sorted; subrounded; moderate yellowish brown (10YR 5/4)
160	180	Sand, fine to very coarse, some gravel granules; poorly sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
180	200	Sand, medium to coarse, some silt; moderately sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
200	220	Silt, fine to very coarse, some sand and gravel; poorly sorted; angular to subrounded; modeate yellowish brown (10YR 5/4)
220	240	Sandy silt, fine to very coarse, some clay; poorly sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
240	260	Sandy silt, fine to medium, minor clay; moderately sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
260	280	Sandy silt, fine to medium, some clay; moderately sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
280	300	Sandy clay, fine to medium, some silt; moderately sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
300	320	Sand, fine to coarse, some silt; moderately sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
320	340	Sand, fine to medium, some silt; moderately sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
340	360	Sand, some silt, fine to very coarse; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
360	400	Sandy silt, very fine to fine sand; well-sorted; subrounded; dark yellowish brown (10YR 4/2)
400	420	Silty sand, fine-grained; well-sorted; subrounded; abundant muscovite; moderate yellowish brown (10YR 5/4)
420	440	Silty sand, fine to medium; well-sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
440	460	Silty sand, fine grained; well-sorted; subrounded to subangular; moderate yellowish brown (10YR 5/4)
460	480	Sandy clay, very fine to coarse; poorly sorted; subangular to subrounded; dark yellowish brown (10YR 4/2)
480	500	Sandy clay, very fine to coarse, trace gravel granules; poorly sorted; subrounded; dark yellowish brown (10YR 4/2)

Table E8. Lithologic log for multiple-well monitoring site Calico West (wells 9N/2E-3K5–9) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Depth (ft)		Description
From	To	
500	520	Clayey sand, very fine to very coarse; poorly sorted; well-graded; subangular to subrounded; moderate yellowish brown (10YR 5/4)
520	540	Sandy clay, fine to very coarse, some gravel granules; poorly sorted; angular to subrounded; dark yellowish brown (10YR 4/2)
540	560	Sand, fine to very coarse, some silt; poorly sorted; well-graded; angular to rounded; moderate yellowish brown (10YR 5/4)
560	580	Sand, very fine to very coarse, some silt; poorly sorted; well-graded; angular to rounded; moderate yellowish brown (10YR 5/4)
580	600	Sandy clay, fine to coarse, good cohesion, high plasticity; poorly sorted; angular to subrounded; moderate yellowish brown (10YR 5/4)
600	620	Sandy silt, very fine to coarse, skewed toward fine; poorly sorted; subangular to subrounded; dark yellowish brown (10YR 4/2)
620	640	Silty sand, very fine to coarse; poorly sorted; well-graded; angular to rounded; moderate yellowish brown (10YR 5/4)
640	660	Silty sand, very fine to very coarse, skewed toward fine; poorly sorted; angular 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 E8. Geophysical logs, lithology, and well diagram for multiple-well monitoring site Calico West (wells 9N/2E-3K5–9) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California.

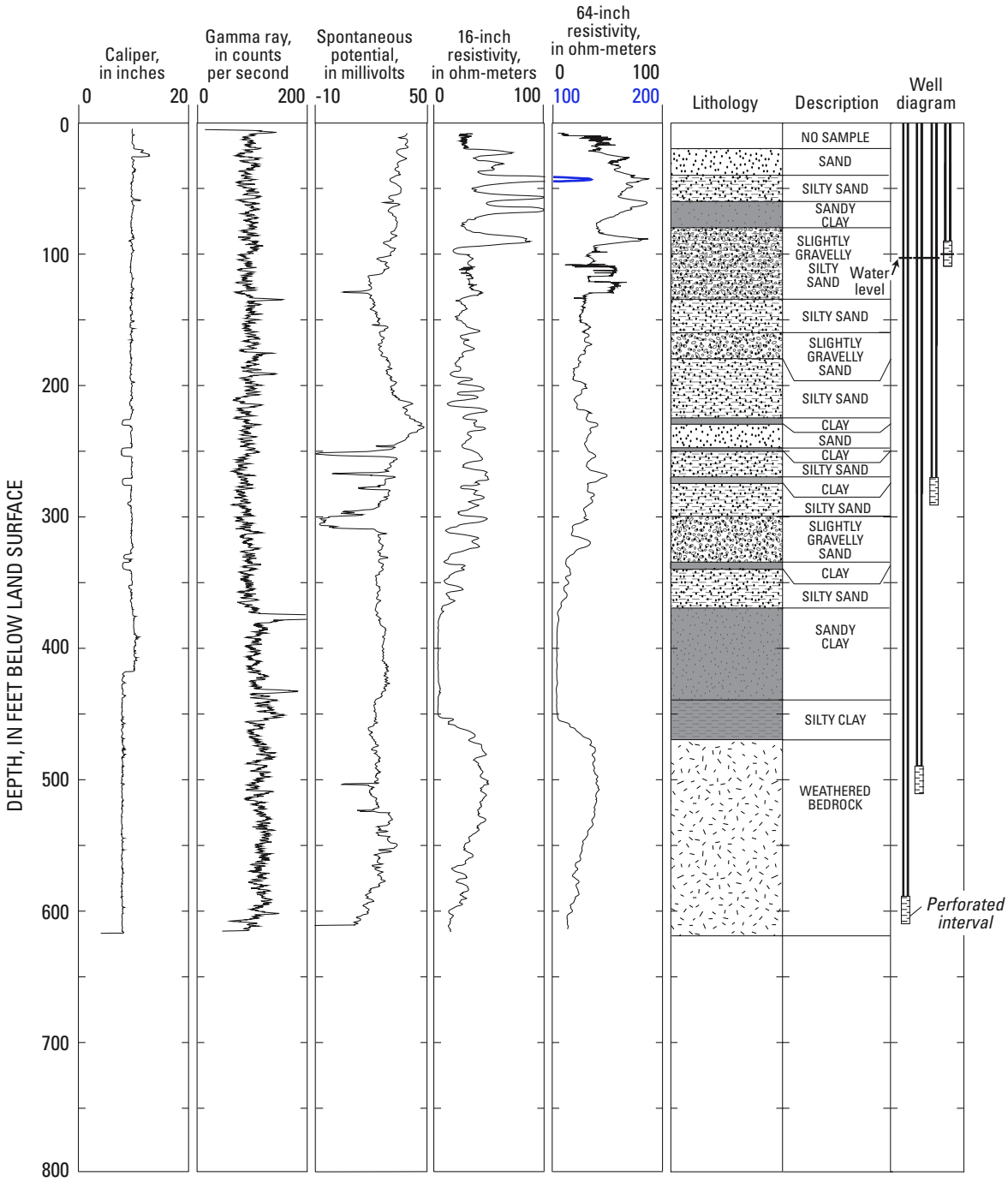
Table E9. Lithologic log for multiple-well monitoring site NS-2 (wells 9N/3E-22R4–7) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 1,825 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 620 ft. Screened intervals: 590–610, 490–510, 270–290, and 90–110 ft]

Depth (ft)		Description
From	To	
0	20	No sample collected
20	40	Sand, fine to coarse, with occasional very coarse grains; poorly sorted; subrounded; moderate yellowish brown (10YR 5/4) to grayish orange (10YR 7/4)
40	60	Sand, very fine to medium, and silt; poorly sorted; subrounded; moderate yellowish brown (10YR 5/4)
60	80	Clay, with some silt and fine sand, occasional very coarse sand; poorly sorted; dark yellowish brown (10YR 4/2)
80	100	Sand, very fine to very coarse, and silt; poorly sorted; subrounded; dark yellowish brown (10YR 4/2)
100	120	Sand, very fine to coarse, with occasional very coarse grains, silt; poorly sorted; subrounded; dark yellowish brown (10YR 4/2)
120	140	Sand, very fine to coarse, occasional pebble-sized grains, silt; poorly sorted; subrounded; dark yellowish brown (10YR 4/2)
140	160	Sand, very fine to medium, some coarse grains, silt; poorly sorted; subrounded to subangular; dark yellowish brown (10YR 4/2)
160	180	Sand, very fine to very coarse, some granules; poorly sorted; subrounded; occasional multicolored rock fragments; dark yellowish brown (10YR 4/2)
180	210	Sand, very fine to medium, with some coarse grains, silt; poorly sorted; subrounded; silt is olive gray (5Y 3/2), sand is moderate yellowish brown (10YR 5/4)
210	225	Sand, very fine to coarse, with some very coarse grains, silt; poorly sorted; subrounded to subangular; olive gray (5Y 4/1)
225	230	No sample collected. Clay layer
230	248	Sand, medium to very coarse; moderately sorted; subrounded; occasional rock fragments; olive gray (5Y 4/1)
248	251	No sample collected. Clay layer
251	270	Sand, very fine to medium, with some coarse grains, silt, clay; poorly sorted; subrounded; olive gray (5Y 3/2)
270	275	No sample collected. Clay layer
275	280	Sand, fine to coarse, with some very coarse grains, some silt; poorly sorted; subrounded; occasional rock fragments; olive gray (5Y 3/2)
280	300	Sand, fine to coarse, with silt; poorly sorted; subrounded; olive gray (5Y 3/2)
300	320	Sand, medium to very coarse, with some granules, occasional rock fragments; poorly sorted; subrounded to subangular; olive gray (5Y 3/2)
320	335	Sand, fine to very coarse, rock fragments; poorly sorted; subrounded to subangular; olive gray (5Y 3/2)
335	340	No sample collected. Clay layer
340	360	Sand, fine to coarse, with some clay; poorly sorted; subrounded to subangular; olive gray (5Y 3/2)
360	370	Sand, fine to coarse, with silt; poorly sorted; subrounded to subangular; olive gray (5Y 3/2)
370	400	Clay, and sand, fine to medium, with silt, some coarse-grained sand and rock fragments; olive gray (5Y 3/2)
400	420	Clay, with some fine to very coarse sand; dark yellowish brown (10YR 4/2)
420	440	Clay and silt; some sand at 430 feet; dark yellowish brown (10YR 4/2)
440	470	Clay and silt; clay has two colors: olive gray (5Y 3/2) and dark yellowish brown (10YR 4/2)
470	480	Fine to gravel-sized ground-up volcanic rock, multicolored fragments: black, red, brown, orange, gray; mostly angular, some subangular; some quartz

Table E9. Lithologic log for multiple-well monitoring site NS-2 (wells 9N/3E-22R4–7) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Depth (ft)		Description
From	To	
480	500	Fine to granule-sized ground-up volcanic rock, multicolored fragments: black, red, gray, orange, brown; angular; some quartz
500	560	Ground-up volcanic rock, multicolored: black, red, gray, orange, brown; angular; some quartz
560	580	Ground-up volcanic rock, multicolored fragments: mostly red; angular; some quartz
580	600	Ground-up volcanic rock, multicolored: red, black, brown, gray; angular to subangular; some quartz
600	620	Ground-up volcanic rock, multicolored fragments: red, orange, black, brown, gray; angular to subangular; some quartz



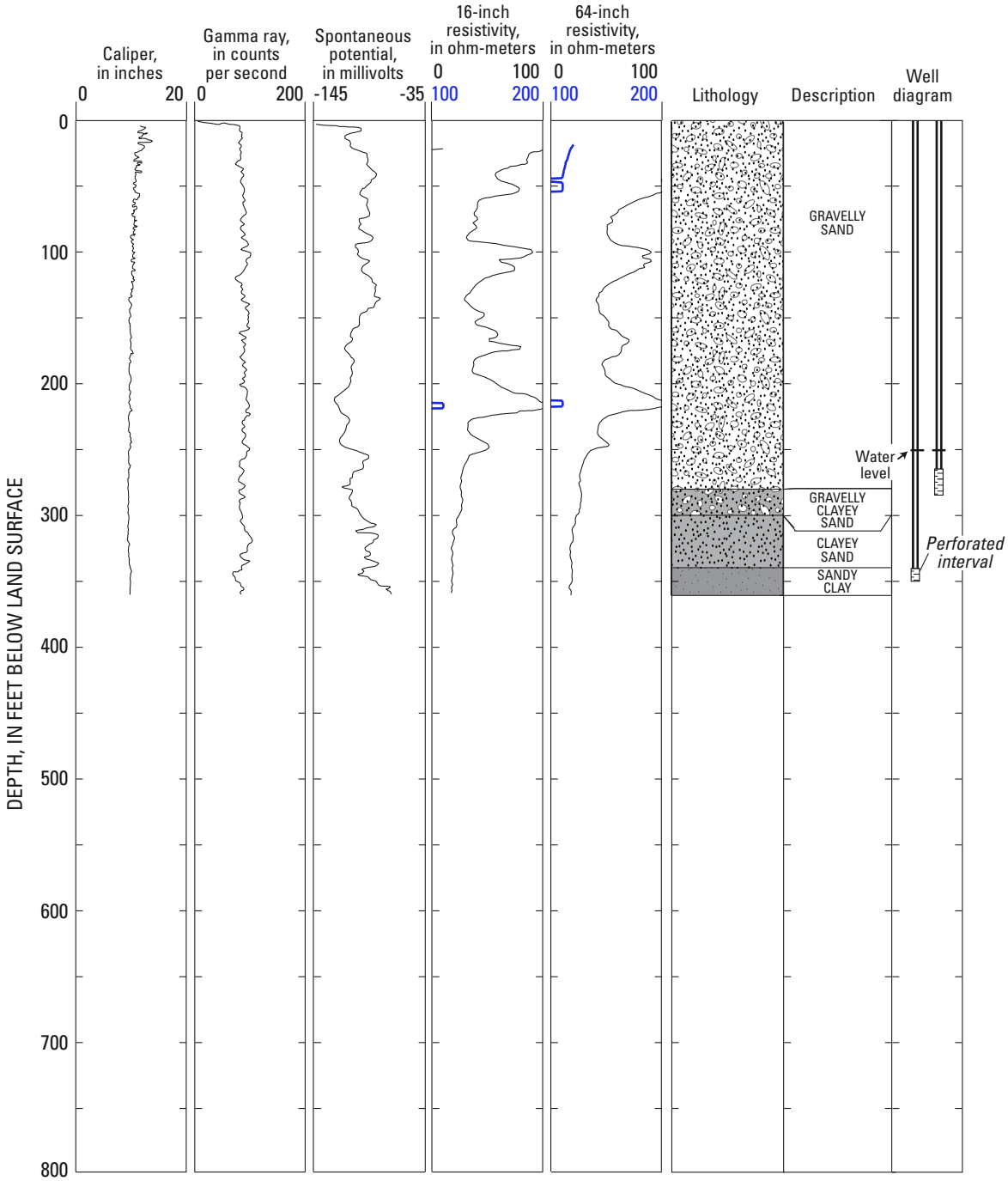
Note: Some lithologic units may have been combined for presentation in this figure and the lithologic description may not correspond exactly to the description in the lithologic log shown in table.

Figure E9. Geophysical logs, lithology, and well diagram for multiple-well monitoring site NS-2 (wells 9N/3E-22R4–7) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California.

Table E10. Lithologic log for multiple-well monitoring site CALFAN (wells 10N/1E-20M1–2) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 2,090 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 1993. Total depth drilled 360 ft. Screened intervals: 340–350 and 265–285 ft]

Depth (ft)		Description
From	To	
0	20	Sand, fine to coarse, with granules and pebbles; poorly sorted; subangular to subrounded; rock fragments; moderate yellowish brown (10YR 5/4)
20	80	Sand, fine to coarse, with granules and pebbles; poorly sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
80	100	Sand, fine to medium, with some granules and pebbles; moderately sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
100	120	Sand, fine to coarse, with granules and pebbles; poorly sorted; subangular to subrounded; rock fragments; moderate yellowish brown (10YR 5/4)
120	160	Sand, fine to coarse, with granules and pebbles; poorly sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
160	180	Sand, fine to coarse, with granules and pebbles; poorly sorted; subangular to subrounded; rock fragments, some mica; moderate yellowish brown (10YR 5/4)
180	280	Sand, fine to coarse, with granules and pebbles; poorly sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
280	300	Sand, fine to coarse, with granules and pebbles, some clay; poorly sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
300	340	Sand, fine to coarse, with clay and occasional pebbles; poorly sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
340	360	Clay, with fine to coarse sand; 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 E10. Geophysical logs, lithology, and well diagram for multiple-well monitoring site CALFAN (wells 10N/1E-20M1–2) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California.

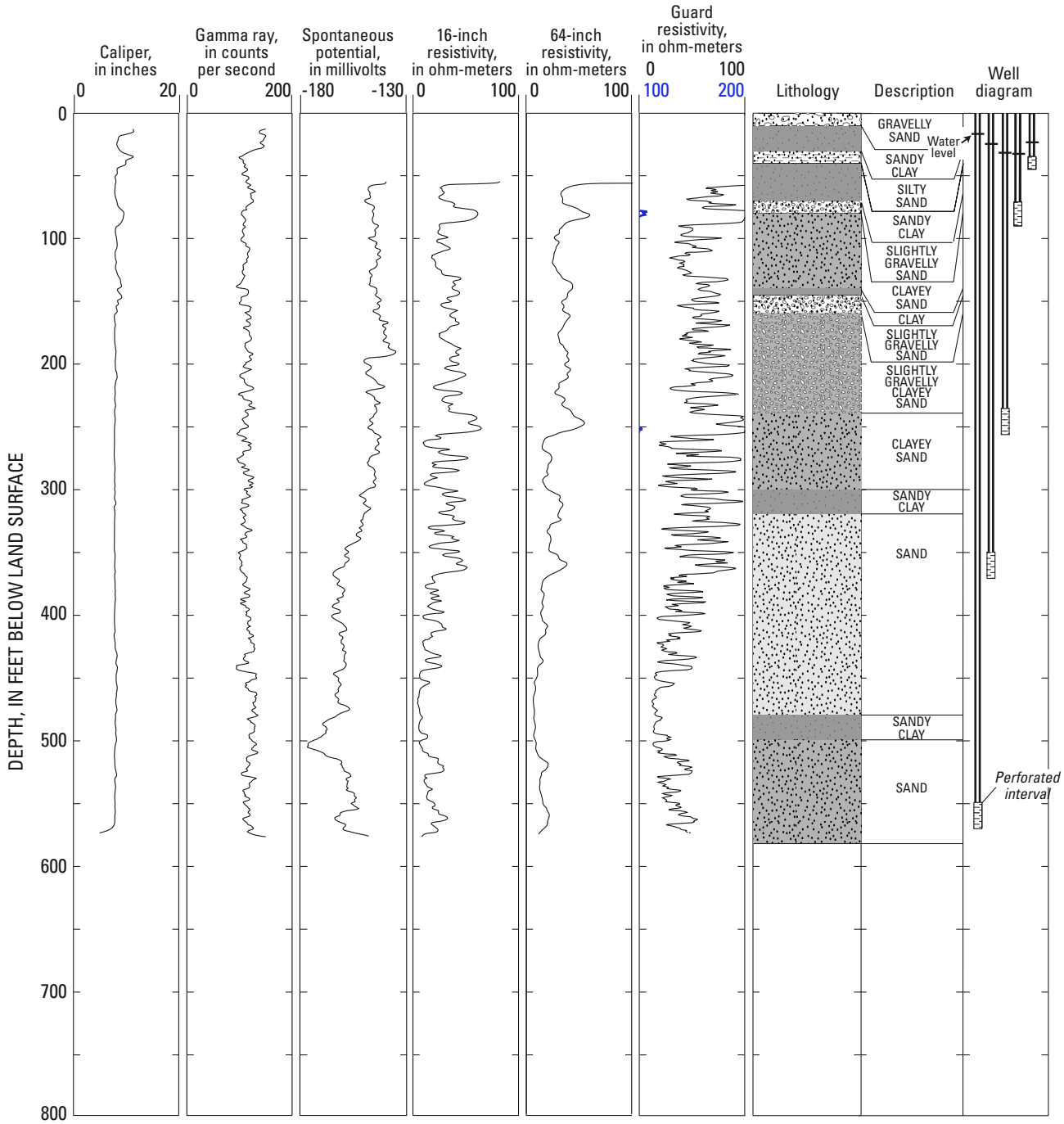
Table E11. Lithologic log for multiple-well monitoring site NS-1 (wells 10N/3E-27J1–5) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California

[Altitude of land surface, approximately 1,750 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 1992. Total depth drilled 583 ft. Screened intervals: 550–570, 350–370, 235–255, 70–90, and 35–45 ft]

Depth (ft)		Description
From	To	
0	10	Sand, medium to very coarse, some granules, occasional pebbles; poorly sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
10	20	Clay, some fine to medium sand; dark yellowish brown (10YR 4/2)
20	30	Clay, some fine to medium sand, occasional pebbles; dark yellowish brown (10YR 4/2)
30	40	Sand, very fine to very coarse, some silt; poorly sorted; subrounded; dark yellowish brown (10YR 4/2)
40	50	Clay, some fine sand; dark yellowish brown (10YR 4/2)
50	60	Clay, some fine sand; moderate yellowish brown (10YR 5/4)
60	70	Clay, some fine sand; dark yellowish brown (10YR 4/2)
70	80	Sand, medium to very coarse, some granules; poorly sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
80	90	Sand, fine to coarse, occasionally very coarse, some clay; poorly sorted; subangular to subrounded; dark yellowish brown (10YR 4/2)
90	100	Sand, medium to very coarse; poorly sorted; subrounded; moderate yellowish brown (10YR 5/4)
100	120	Sand, fine to very coarse, some clay; poorly sorted; subrounded; dark yellowish brown (10YR 4/2)
120	140	Sand, fine to coarse, occasionally very coarse, some clay; poorly sorted; subangular to subrounded; dark yellowish brown (10YR 4/2)
140	160	Upper 5 feet, clay, no samples; bottom 15 feet, sand, medium to very coarse, occasional granules; poorly sorted; subangular to subrounded; moderate yellowish brown (10YR 5/4)
160	180	Sand, fine to very coarse, occasional granules, some silt; poorly sorted; subangular to subrounded; dark yellowish brown (10YR 4/2)
180	200	Sand, fine to very coarse, some clay; poorly sorted; subangular to subrounded; dark yellowish brown (10YR 4/2)
200	220	Sand, medium to very coarse, some granules; poorly sorted; subrounded to rounded; moderate yellowish brown (10YR 5/4)
220	240	Sand, medium to very coarse, some granules, some clay; poorly sorted; subangular to subrounded; dark yellowish brown (10YR 4/2)
240	260	Sand, fine to coarse, some clay; poorly sorted; subangular; dark yellowish brown (10YR 4/2)
260	280	Sand, medium to very coarse, some clay; poorly sorted; subangular to subrounded; light olive gray (5Y 5/2)
280	300	Sand, medium to coarse, clay; moderately sorted; subangular; olive gray (5Y 3/2)
300	320	Clay, some medium to coarse sand; olive gray (5Y 3/2)
320	340	Sand, fine to very coarse, occasional clay; poorly sorted; subangular to subrounded; light olive gray (5Y 5/2)
340	360	Sand, fine to very coarse, some clay; poorly sorted; subangular to subrounded; light olive gray (5Y 5/2)
360	380	Sand, fine to coarse, some clay; poorly sorted; subangular to subrounded; light olive gray (5Y 5/2)

Table E11. Lithologic log for multiple-well monitoring site NS-1 (wells 10N/3E-27J1–5) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Depth (ft)		Description
From	To	
380	420	Sand, fine to coarse, with clay; poorly sorted; subangular to subrounded; olive gray (5Y 4/1)
420	440	Sand, fine to coarse, occasionally very coarse with clay; poorly sorted; subangular to subrounded; light olive gray (5Y 5/2)
440	460	Sand, fine to coarse with clay; poorly sorted; subangular to subrounded; light olive gray (5Y 5/2)
460	480	Sand, fine to coarse, occasionally very coarse with clay; poorly sorted; subangular to subrounded; light olive gray (5Y 5/2)
480	500	Clay, some sand, fine to coarse; dark yellowish brown (10YR 4/2)
500	520	Sand, medium to coarse, occasionally very coarse with some clay; moderately sorted; subrounded to rounded; dark yellowish brown (10YR 4/2)
520	540	Sand, fine to coarse with clay; poorly sorted; subangular to subrounded; olive gray (5Y 3/2)
540	560	Sand, fine to coarse with clay, occasional rock fragments; poorly sorted; subangular to subrounded; olive gray (5Y 3/2)
560	583	Sand, fine to coarse with clay; poorly sorted; subangular to subrounded; olive gray (5Y 3/2)



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 E11. Geophysical logs, lithology, and well diagram for multiple-well monitoring site NS-1 (wells 10N/3E-27J1–5) in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California

[Measurement method (column M): R, reported; S, steel tape; V, calibrated electric tape. Site status (column S): D, dry; R, recently pumped; S, nearby pumping]
State well number 009N001E04K001S
Site identification number 345356116523001
Common name YEMBB-470
At Yermo Marine Corps Logistics Base. Drilled observation well. Diameter 2 inches, depth measured 470.4 feet in 1996, perforated 450–470 feet. Altitude of land-surface datum 1,965 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
Jul 21, 1993	143.04	V	Nov 28, 1994	148.73	R	Mar 26, 1996	152.47	R	Jul 30, 1997	155.90	R
Jul 22	142.75	V	Dec 19	148.87	R	Apr 29	152.93	R	Aug 28	156.16	R
Aug 27	143.53	V	Jan 23, 1995	148.92	R	May 30	153.20	R	Sep 23	156.36	R
Aug 28	143.35	V	Feb 27	149.25	R	Jul 02	154.20	R	Nov 06	156.58	R
Sep 21	142.99	S	Mar 27	149.02	R	Jul 30	155.91	R	Nov 27	156.78	R
Oct 19	143.64	V	Apr 24	148.72	R	Aug 20	153.97	R	Dec 30	156.79	R
Nov 17	143.86	V	May 24	149.12	R	Sep 26	154.63	R	Jan 29, 1998	156.63	R
Dec 21	143.67	V	Jun 26	149.33	R	Oct 21	155.29	R	Feb 27	156.81	R
Jan 06, 1994	143.98	V	Jul 24	149.79	R	Nov 26	155.65	R	Mar 26	156.64	R
Feb 26	144.06	V	Aug 28	150.10	R	Jan 02, 1997	154.97	R	Mar 31	157.03	S
Apr 16	144.67	V	Sep 25	151.67	R	Jan 30	155.01	R	Apr 23	156.88	R
Jun 07	145.88	R	Oct 30	151.90	R	Feb 26	155.05	R	May 26	158.08	R
Jul 25	146.85	R	Nov 27	152.57	R	Mar 27	155.50	R	Jun 24	157.80	R
Aug 22	147.42	R	Dec 18	152.21	R	Apr 28	155.39	R	Jul 28	158.22	R
Sep 27	148.06	R	Jan 31, 1996	152.18	R	May 28	155.79	R	Aug 24	158.10	R
Oct 24	148.27	RS	Feb 29	152.67	R	Jun 30	156.48	R	Sep 26	158.55	R

HIGHEST	142.75	Jul 22, 1993
LOWEST	158.55	Sep 26, 1998

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001E04K002S
Site identification number 345356116523002
Common name YEMBB-340
At Yermo Marine Corps Logistics Base. Drilled observation well. Diameter 2 inches, depth measured 339.4 feet in 1996, perforated 320–340 feet. Altitude of land-surface datum 1,965 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
Jul 21, 1993	142.00	VR	Nov 28, 1994	149.20	R	Mar 26, 1996	152.22	R	Jul 30, 1997	157.09	R
Jul 22	142.15	V	Dec 19	149.27	R	Apr 29	152.90	R	Aug 28	157.42	R
Aug 27	142.89	V	Jan 23, 1995	149.16	R	May 30	155.98	R	Sep 23	157.66	R
Aug 28	142.81	V	Feb 27	149.32	R	Jul 02	153.66	R	Nov 06	157.62	R
Sep 21	143.11	S	Mar 27	149.15	R	Jul 30	154.11	R	Nov 27	157.53	R
Oct 19	143.82	V	Apr 24	150.65	R	Aug 20	154.54	R	Dec 30	157.46	R
Nov 17	144.07	V	May 24	152.62	R	Sep 26	155.29	R	Jan 29, 1998	157.44	R
Dec 21	144.13	V	Jun 26	149.54	R	Oct 21	157.85	R	Feb 27	157.33	R
Jan 06, 1994	144.31	V	Jul 24	150.38	R	Nov 26	156.23	R	Mar 26	157.41	R
Feb 26	144.38	V	Aug 28	150.60	R	Jan 02, 1997	157.45	R	Mar 31	157.68	S
Apr 16	145.09	V	Sep 25	151.16	R	Jan 30	156.02	R	Apr 23	157.84	R
Jun 07	146.23	R	Oct 30	153.29	R	Feb 26	155.90	R	May 26	158.03	R
Jul 25	147.35	R	Nov 27	151.96	R	Mar 27	155.70	R	Jun 24	158.42	R
Aug 22	147.97	RS	Dec 18	155.16	R	Apr 28	157.99	R	Jul 28	159.06	R
Sep 27	148.64	R	Jan 31, 1996	155.15	R	May 28	155.96	R	Aug 24	159.15	R
Oct 24	151.23	RS	Feb 29	153.15	R	Jun 30	156.22	R	Sep 26	159.46	R

HIGHEST	142.15	Jul 22, 1993
LOWEST	159.46	Sep 26, 1998

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001E04K003S
Site identification number 345356116523003
Common name YEMBB-195
At Yermo Marine Corps Logistics Base. Drilled observation well. Diameter 2 inches, depth 195.2 feet in 1996, perforated 175–195 feet. Altitude of land-surface datum 1,965 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
Jul 21, 1993	142.14	VR	Nov 28, 1994	147.68	R	Mar 26, 1996	151.20	R	Jul 30, 1997	152.95	R
Jul 22	142.16	V	Dec 19	147.87	R	Apr 29	151.53	R	Sep 23	152.39	R
Aug 27	142.49	V	Jan 23, 1995	147.98	R	May 30	154.03	R	Nov 06	152.13	R
Aug 28	142.50	V	Feb 27	148.21	R	Jul 02	152.12	R	Nov 27	152.19	R
Sep 21	142.62	S	Mar 27	148.16	R	Jul 30	152.49	R	Dec 30	152.80	R
Oct 19	143.04	V	Apr 24	148.81	R	Aug 20	152.76	R	Jan 29, 1998	152.99	R
Nov 17	143.05	V	May 24	150.79	R	Sep 26	153.28	R	Feb 27	152.79	R
Dec 21	142.98	V	Jun 26	148.46	R	Oct 21	155.29	R	Mar 27	153.34	R
Jan 06, 1994	143.48	V	Jul 24	148.82	R	Nov 26	154.20	R	Mar 31	153.69	S
Feb 26	143.52	V	Aug 28	149.13	R	Jan 02, 1997	155.67	R	Apr 23	153.63	R
Apr 16	144.03	V	Sep 25	149.72	R	Jan 30	156.46	R	May 26	153.18	R
Jun 07	144.71	R	Oct 30	152.09	R	Feb 26	153.17	R	Jun 24	153.75	R
Jul 25	145.47	R	Nov 27	150.57	R	Mar 27	152.66	R	Jul 28	154.16	R
Aug 22	146.13	RS	Dec 18	153.09	R	Apr 27	153.35	R	Aug 24	153.70	R
Sep 27	146.90	R	Jan 31, 1996	153.17	R	May 28	151.53	R	Sep 26	153.83	R
Oct 24	149.11	RS	Feb 29	151.37	R	Jun 30	151.46	R			

HIGHEST	142.16	Jul 22, 1993
LOWEST	156.46	Jan 30, 1997

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001E10Q002S
Site identification number 345259116514201
Common name YEMRR-550
At Yermo Marine Corps Logistics Base. Drilled observation well. Diameter 2 inches, depth 550 feet, perforated 530–550 feet. Altitude of land-surface datum 1,948 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 03, 1993	147.94	V	Feb 27, 1995	141.55	R	May 29, 1996	143.47	R	Aug 28, 1997	149.13	R
Aug 26	140.94	V	Mar 27	141.52	R	Jul 02	143.79	R	Sep 23	149.63	R
Sep 21	138.22	V	Apr 24	140.39	R	Jul 30	144.00	R	Nov 06	150.09	R
Oct 19	136.84	V	May 24	140.46	R	Aug 20	144.13	R	Nov 27	150.16	R
Nov 17	136.66	V	Jun 26	140.93	R	Sep 26	144.49	R	Dec 30	150.21	R
Dec 21	137.13	V	Jul 24	141.35	R	Oct 21	144.99	R	Jan 29, 1998	150.26	R
Jan 10, 1994	136.31	V	Aug 28	142.02	R	Nov 26	144.95	R	Feb 27	150.30	R
Feb 26	136.17	V	Sep 25	141.96	R	Jan 02, 1997	145.11	R	Mar 26	150.31	R
Apr 13	137.55	V	Oct 30	142.76	R	Jan 30	145.21	R	Mar 31	150.27	S
Jun 07	142.42	R	Nov 27	142.98	R	Feb 26	145.28	R	Apr 23	150.44	R
Jul 25	140.17	R	Dec 18	143.10	R	Mar 27	145.44	R	May 26	150.51	R
Aug 23	141.13	V	Jan 31, 1996	143.21	R	Apr 28	145.80	R	Jun 24	150.56	R
Oct 24	141.97	R	Feb 29	143.22	R	May 28	146.80	R	Jul 28	150.65	R
Nov 28	142.10	R	Mar 26	143.29	R	Jun 30	147.71	R	Aug 24	151.54	R
Dec 19	143.14	R	Apr 29	143.35	R	Jul 30	148.40	R	Sep 26	152.12	R
Jan 23, 1995	141.87	R									

HIGHEST	136.17	Feb 26, 1994
LOWEST	152.12	Sep 26, 1998

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001E10Q003S
Site identification number 345259116514202
Common name YEMRR-350
At Yermo Marine Corps Logistics Base. Drilled observation well. Diameter 2 inches, depth measured 344.2 feet in 1996, perforated 330–350 feet. Altitude of land-surface datum 1,948 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 03, 1993	133.12	V	Jan 23, 1995	141.40	R	May 29, 1996	146.07	R	Aug 28, 1997	152.46	R
Aug 26	133.73	V	Mar 27	140.30	R	Jul 02	146.95	R	Sep 23	152.79	R
Sep 21	136.42	V	Apr 24	139.52	R	Jul 30	147.67	R	Nov 06	152.60	R
Oct 19	135.22	V	May 24	140.63	R	Aug 20	148.29	R	Nov 27	151.90	R
Nov 17	135.42	V	Jun 26	141.77	R	Sep 26	149.04	R	Dec 30	151.26	R
Dec 21	135.35	V	Jul 24	142.80	R	Oct 21	149.07	R	Jan 29, 1998	150.94	R
Jan 10, 1994	135.48	V	Aug 28	143.97	R	Nov 26	148.55	R	Feb 27	150.63	R
Feb 26	135.55	V	Sep 25	144.24	R	Jan 02, 1997	148.16	R	Mar 26	150.77	R
Apr 13	136.94	V	Oct 30	144.52	R	Jan 30	148.05	R	Mar 31	150.67	S
Jun 07	138.62	R	Nov 27	144.30	R	Feb 26	148.05	R	Apr 23	151.26	R
Jul 25	140.42	R	Dec 18	144.10	R	Mar 27	148.96	R	May 26	151.96	R
Aug 23	141.58	V	Jan 31, 1996	143.73	R	Apr 28	149.55	R	Jun 24	152.53	R
Oct 24	142.69	R	Feb 29	143.60	R	May 28	150.37	R	Jul 28	153.46	R
Nov 28	142.22	R	Mar 26	144.04	R	Jun 30	151.03	R	Aug 24	154.06	R
Dec 19	142.77	R	Apr 29	145.16	R	Jul 30	151.81	R	Sep 26	154.41	R

HIGHEST	133.12	Aug 03, 1993
LOWEST	154.41	Sep 26, 1998

State well number 009N001E10Q004S
Site identification number 345259116514203
Common name YEMRR-200
At Yermo 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 1,948 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 26, 1993	133.59	V	Feb 27, 1995	141.39	R	May 30, 1996	145.91	R	Aug 28, 1997	152.42	R
Sep 21	134.37	V	Mar 27	140.32	R	Jul 02	146.82	R	Sep 23	152.82	R
Oct 19	135.12	V	Apr 24	139.43	R	Jul 30	147.59	R	Nov 06	152.71	R
Nov 17	135.44	V	May 24	140.52	R	Aug 20	148.22	R	Nov 27	152.11	R
Dec 21	135.25	V	Jun 26	141.65	R	Sep 26	148.90	R	Dec 30	151.45	R
Jan 10, 1994	135.53	V	Jul 24	142.67	R	Oct 21	149.06	R	Jan 29, 1998	151.16	R
Feb 26	135.62	V	Aug 28	143.80	R	Nov 26	148.60	R	Feb 27	150.82	R
Apr 13	136.83	V	Sep 25	144.12	R	Jan 02, 1997	148.32	R	Mar 27	150.87	R
Jun 07	141.02	R	Oct 30	144.54	R	Jan 30	148.28	R	Mar 31	150.71	S
Jul 25	140.29	R	Nov 27	144.34	R	Feb 26	148.05	R	Apr 23	151.40	R
Aug 23	141.18	V	Dec 18	144.19	R	Mar 27	149.00	R	May 26	152.02	R
Oct 24	142.38	R	Jan 31, 1996	143.82	R	Apr 28	149.53	R	Jun 24	152.59	R
Nov 28	142.01	R	Feb 29	143.65	R	May 28	150.38	R	Jul 28	153.51	R
Dec 19	143.22	R	Mar 26	144.08	R	Jun 30	151.00	R	Aug 24	154.10	R
Jan 23, 1995	141.50	R	Apr 29	145.03	R	Jul 30	151.80	R	Sep 26	154.55	R

HIGHEST	133.59	Aug 26, 1993
LOWEST	154.55	Sep 26, 1998

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001E16F001S
Site identification number 345224116525701
Common name YEMRIV-410
South of Yermo Marine Corps Logistics Base, north of Mojave River. Drilled observation well. Diameter 2 inches, depth 410 feet, perforated 390–410 feet. Altitude of land-surface datum 1,950 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 03, 1993	106.03	V	Dec 19, 1994	125.83	R	Apr 29, 1996	128.24	R	Aug 28, 1997	135.72	R
Aug 04	105.28	V	Jan 23, 1995	125.52	R	May 30	128.61	R	Sep 23	136.30	R
Aug 28	105.69	V	Feb 27	124.53	R	Jul 02	129.59	R	Nov 06	136.20	R
Sep 21	108.44	S	Mar 27	115.79	R	Jul 30	130.41	R	Nov 27	135.68	R
Oct 19	111.55	V	Apr 24	115.16	R	Aug 20	131.33	R	Dec 30	135.23	R
Nov 17	112.55	V	May 24	116.86	R	Sep 26	132.20	R	Jan 29, 1998	135.30	R
Dec 21	113.98	V	Jun 26	119.79	R	Oct 21	132.01	R	Feb 27	134.82	R
Jan 20, 1994	115.11	V	Jul 24	121.82	R	Nov 26	131.89	R	Mar 26	134.45	R
Mar 13	117.05	V	Aug 28	123.50	R	Jan 02, 1997	131.75	R	Mar 31	113.29	S
Apr 14	118.66	V	Sep 25	124.57	R	Jan 30	131.70	R	Apr 23	135.05	R
Jun 02	120.83	R	Oct 29	126.16	R	Feb 26	131.78	R	May 26	135.30	R
Jul 25	123.48	R	Nov 27	126.19	R	Mar 27	132.79	R	Jun 24	135.63	R
Aug 22	124.79	R	Dec 18	126.18	R	Apr 28	132.79	R	Jul 28	136.16	R
Sep 27	125.43	R	Jan 31, 1996	126.72	R	May 28	133.87	R	Aug 24	136.83	R
Oct 24	125.63	R	Feb 29	126.61	R	Jun 30	134.66	R	Sep 26	137.30	R
Nov 28	125.70	R	Mar 26	127.11	R	Jul 30	135.20	R			

HIGHEST	105.28	Aug 04, 1993
LOWEST	137.30	Sep 26, 1998

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001E16F002S
Site identification number 345224116525702
Common name YEMRIV-340
South of Yermo Marine Corps Logistics Base, north of Mojave River. Drilled observation well. Diameter 2 inches, depth measured 340.2 feet in 1996, perforated 320–340 feet. Altitude of land-surface datum 1,950 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 03, 1993	104.47	V	Dec 19, 1994	125.57	R	Apr 29, 1996	127.90	R	Aug 28, 1997	135.26	R
Aug 04	105.13	V	Jan 23, 1995	125.49	R	May 30	128.51	R	Sep 23	135.88	R
Aug 28	106.02	V	Feb 27	124.22	R	Jul 02	130.05	R	Nov 06	136.58	R
Sep 21	108.18	S	Mar 27	115.59	R	Jul 30	130.34	R	Nov 27	135.62	R
Oct 19	111.08	V	Apr 24	115.29	R	Aug 20	130.93	R	Dec 30	135.19	R
Nov 17	112.53	V	May 24	116.83	R	Sep 26	132.24	R	Jan 29, 1998	135.78	R
Dec 21	113.96	V	Jun 26	119.40	R	Oct 21	131.79	R	Feb 27	134.76	R
Jan 20, 1994	115.07	V	Jul 24	122.19	R	Nov 26	131.81	R	Mar 26	134.31	R
Mar 13	117.38	V	Aug 28	123.26	R	Jan 02, 1997	131.72	R	Mar 31	134.18	S
Apr 14	118.36	V	Sep 25	125.42	R	Jan 30	131.60	R	Apr 23	134.68	R
Jun 07	121.31	R	Oct 29	126.05	R	Feb 26	131.63	R	May 26	135.84	R
Jul 25	123.03	R	Nov 27	125.99	R	Mar 27	132.65	R	Jun 24	136.08	R
Aug 22	124.87	R	Dec 18	126.11	R	Apr 28	132.64	R	Jul 28	135.99	R
Sep 27	125.07	R	Jan 31, 1996	126.77	R	May 28	133.40	R	Aug 24	136.49	R
Oct 24	125.49	R	Feb 29	126.49	R	Jun 30	134.18	R	Sep 26	136.96	R
Nov 28	125.65	R	Mar 26	127.55	R	Jul 30	134.78	R			

HIGHEST	104.47	Aug 03, 1993
LOWEST	136.96	Sep 26, 1998

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001E16F003S
Site identification number 345224116525703
Common name YEMRIV-250
South of Yermo Marine Corps Logistics Base, north of Mojave River. Drilled observation well. Diameter 2 inches, depth measured 245.3 feet in 1996, perforated 230–250 feet. Altitude of land-surface datum 1,950 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 03, 1993	104.96	V	Nov 28, 1994	125.72	R	Mar 26, 1996	127.61	R	Aug 28, 1997	135.35	R
Aug 04	102.38	V	Dec 19	125.82	R	Apr 29	127.99	R	Sep 23	135.95	R
Aug 28	106.10	V	Jan 23, 1995	125.56	R	May 30	128.61	R	Nov 06	136.64	R
Sep 21	107.58	S	Feb 27	124.27	R	Jul 02	130.09	R	Nov 27	135.70	R
Oct 19	111.80	V	Mar 27	115.66	R	Jul 30	130.34	R	Dec 30	135.34	R
Nov 17	112.55	V	Apr 24	115.30	R	Aug 20	130.98	R	Jan 29, 1998	135.89	R
Dec 21	114.07	V	May 24	116.89	R	Sep 26	132.27	R	Feb 27	134.85	R
Jan 20, 1994	115.13	V	Jun 26	119.46	R	Oct 21	131.94	R	Mar 26	134.35	R
Feb 26	131.68	R	Jul 24	122.25	R	Nov 26	131.89	R	Mar 31	134.26	S
Mar 13	117.44	V	Aug 28	123.30	R	Jan 02, 1997	131.84	R	Apr 23	134.77	R
Apr 14	118.41	V	Sep 25	124.48	R	Jan 30	131.74	R	May 26	135.90	R
Jun 07	121.37	R	Oct 30	126.11	R	Mar 27	132.75	R	Jun 24	136.90	R
Jul 25	123.06	R	Nov 27	126.06	R	Apr 28	132.70	R	Jul 28	136.00	R
Aug 22	124.92	R	Dec 18	126.15	R	May 28	133.53	R	Aug 24	136.63	R
Sep 27	125.14	R	Jan 31, 1996	126.79	R	Jun 30	134.27	R	Sep 26	137.06	R
Oct 24	125.54	R	Feb 29	126.66	R	Jul 30	134.80	R			

HIGHEST	102.38	Aug 04, 1993
LOWEST	137.06	Sep 26, 1998

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001E16F004S
Site identification number 345224116525704
Common name YEMRIV-150
South of Yermo Marine Corps Logistics Base, north of Mojave River. Drilled observation well. Diameter 2 inches, depth measured 169.4 feet in 1996, perforated 130–150 feet. Altitude of land-surface datum 1,950 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 03, 1993	101.16	V	Jan 23, 1995	129.03	R	May 30, 1996	131.58	R	Aug 28, 1997	138.38	R
Aug 28	106.13	V	Feb 27	127.68	R	Jul 02	132.55	R	Sep 23	138.84	R
Sep 21	108.85	S	Mar 27	116.75	R	Jul 30	133.39	R	Nov 06	139.33	R
Oct 19	112.12	V	Apr 24	115.31	R	Aug 20	133.99	R	Nov 27	139.35	R
Nov 17	114.28	V	May 24	118.30	R	Sep 26	134.89	R	Dec 30	139.03	R
Dec 21	116.08	V	Jun 26	121.42	R	Oct 21	135.23	R	Jan 29, 1998	138.74	R
Jan 20, 1994	117.53	V	Jul 24	122.69	R	Nov 26	135.37	R	Feb 27	138.53	R
Mar 13	119.18	V	Aug 28	125.98	R	Jan 02, 1997	135.20	R	Mar 26	138.07	R
Apr 14	120.74	V	Sep 25	127.31	R	Jan 30	134.25	R	Mar 31	137.77	S
Jun 07	123.37	R	Oct 30	128.47	R	Feb 26	135.11	R	Apr 23	137.79	R
Jul 25	125.50	R	Nov 27	129.02	R	Mar 27	135.50	R	May 26	138.10	R
Aug 22	126.89	R	Dec 18	129.31	R	Apr 28	135.88	R	Jun 24	140.39	R
Sep 27	127.97	R	Jan 31, 1996	129.58	R	May 28	136.44	R	Jul 28	139.17	R
Oct 24	128.68	R	Feb 29	129.71	R	Jun 30	137.22	R	Aug 24	139.79	R
Nov 28	129.09	R	Mar 26	130.01	R	Jul 30	137.77	R	Sep 26	140.08	R
Dec 19	129.11	R	Apr 29	130.72	R						

HIGHEST	101.16	Aug 03, 1993
LOWEST	140.39	Jun 24, 1998

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W12L002S
Site identification number 345251116560601
Common name MC2-450
East of Barstow at Nebo Marine Corps Logistics Base. Drilled observation well. Diameter 2 inches, depth measured 452.3 feet in 1996, perforated 430–450 feet. Altitude of land-surface datum 2,002.66 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	49.01	V	Apr 12, 1994	11.37	V	Jan 31, 1996	9.91	R	Jun 30, 1997	11.86	R
Oct 06	23.16	V	Jun 07	11.13	R	Feb 29	9.90	R	Jul 30	12.08	R
Nov 16	21.40	V	Jul 25	11.11	R	Mar 26	9.89	R	Aug 28	12.28	R
Dec 23	21.10	V	Aug 22	11.15	R	Apr 29	10.00	R	Sep 23	12.42	R
Jan 13, 1993	63.43	V	Sep 27	11.26	R	May 30	10.02	R	Nov 06	12.72	R
Feb 02	32.50	S	Oct 24	11.32	R	Jul 02	10.17	R	Nov 27	12.78	R
Mar 26	18.50	V	Nov 28	11.43	R	Jul 30	10.36	R	Dec 30	12.95	R
May 19	15.43	V	Dec 19	11.44	R	Aug 20	10.44	R	Jan 29, 1998	13.03	R
Jun 15	14.63	V	Jan 23, 1995	11.23	R	Sep 26	10.68	R	Feb 27	12.93	R
Jul 27	13.81	V	Feb 27	10.90	R	Oct 21	10.83	R	Mar 26	12.75	R
Aug 28	13.40	V	Mar 28	10.23	R	Nov 26	10.95	R	Apr 23	12.62	R
Sep 21	13.10	V	Apr 24	9.90	R	Jan 02, 1997	11.03	R	May 26	12.90	R
Oct 19	12.96	V	May 24	9.68	R	Jan 30	11.14	R	Jun 24	12.60	R
Nov 17	12.68	V	Jun 26	9.59	R	Feb 26	11.15	R	Jul 28	12.75	R
Dec 21	12.55	V	Jul 24	9.62	R	Mar 27	11.50	R	Aug 24	12.85	R
Jan 20, 1994	12.06	V	Aug 28	9.68	R	Apr 28	11.50	R	Sep 26	13.03	R
Mar 13	11.60	V	Dec 18	9.95	R	May 28	11.66	R			

HIGHEST	9.59	Jun 26, 1995
LOWEST	63.43	Jan 13, 1993

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W12L003S
Site identification number 345251116560602
Common name MC2-320
East of Barstow at Nebo Marine Corps Logistics Base. Drilled observation well. Diameter 2 inches, depth measured 321.1 feet in 1996, perforated 300–320 feet. Altitude of land-surface datum 2,002.66 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
Jun 30, 1992	23.76	S	Mar 13, 1994	7.62	V	Oct 30, 1995	8.70	R	Apr 27, 1997	12.13	R
Jul 14	22.34	S	Apr 12	7.67	V	Nov 27	8.92	R	May 28	12.47	R
Aug 10	22.49	V	Jun 07	7.97	R	Dec 18	8.99	R	Jun 30	12.94	R
Oct 06	23.37	V	Jul 25	8.59	R	Jan 31, 1996	9.06	R	Jul 30	13.35	R
Nov 16	23.79	V	Aug 22	9.04	R	Feb 29	9.20	R	Aug 28	13.64	R
Dec 23	24.22	V	Sep 27	9.59	R	Mar 26	9.25	R	Sep 23	13.93	R
Jan 13, 1993	24.01	V	Oct 24	9.93	RS	Apr 29	9.52	R	Nov 06	14.19	R
Feb 02	16.55	S	Nov 28	10.26	R	May 30	9.72	R	Nov 27	14.31	R
Mar 26	9.55	V	Dec 19	10.36	R	Jul 02	10.08	R	Dec 30	14.37	R
May 19	7.98	V	Jan 23, 1995	9.99	R	Jul 30	10.51	R	Jan 29, 1998	14.40	R
Jun 15	7.68	V	Feb 27	8.91	R	Aug 20	10.70	R	Feb 27	13.84	R
Jul 27	7.67	V	Mar 28	7.14	R	Sep 26	11.21	R	Mar 26	12.91	R
Aug 28	7.75	V	Apr 24	6.80	R	Oct 21	11.50	R	Apr 23	12.66	R
Sep 21	9.11	V	May 24	6.72	R	Nov 26	11.60	R	May 26	12.92	R
Oct 19	7.77	V	Jun 26	6.93	R	Jan 02, 1997	11.58	R	Jun 24	12.68	R
Nov 17	7.90	V	Jul 24	7.31	R	Jan 30	11.84	R	Jul 28	13.01	R
Dec 21	7.99	V	Aug 28	7.84	R	Feb 26	11.73	R	Aug 24	13.39	R
Jan 20, 1994	7.68	V	Sep 25	8.26	R	Mar 27	12.00	R	Sep 26	13.88	R

HIGHEST	6.72	May 24, 1995
LOWEST	24.22	Dec 23, 1992

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W12L004S
Site identification number 345251116560603
Common name MC2-185
East of Barstow at Nebo Marine Corps Logistics Base. Drilled observation well. Diameter 2 inches, depth measured 184.9 feet in 1996, perforated 165–185 feet. Altitude of land-surface datum 2,002.66 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
Jun 23, 1992	23.17	V	Mar 13, 1994	6.78	V	Oct 30, 1995	8.95	R	Apr 28, 1997	12.41	R
Jun 30	24.12	S	Apr 12	6.96	V	Nov 27	9.09	R	May 28	12.84	R
Jul 14	23.27	S	Jun 07	7.57	R	Dec 18	9.08	R	Jun 30	13.41	R
Aug 10	23.62	V	Jul 25	8.58	R	Jan 31, 1996	9.10	R	Jul 30	13.86	R
Oct 06	24.52	V	Aug 22	9.16	R	Feb 29	9.22	R	Aug 28	14.25	R
Nov 16	24.98	V	Sep 27	9.84	R	Mar 26	9.25	R	Sep 23	14.58	R
Dec 23	25.29	V	Oct 24	10.18	RS	Apr 29	9.50	R	Nov 06	14.69	R
Jan 13, 1993	25.01	V	Nov 28	10.45	R	May 30	9.82	R	Nov 27	14.80	R
Feb 02	10.35	S	Dec 19	10.52	R	Jul 02	10.39	R	Dec 30	14.73	R
Mar 26	4.57	V	Jan 23, 1995	9.71	R	Jul 31	10.85	R	Jan 29, 1998	14.73	R
May 19	4.85	V	Feb 27	7.75	R	Aug 20	11.10	R	Feb 27	11.88	R
Jun 15	5.15	V	Mar 28	5.12	R	Sep 26	11.64	R	Mar 26	12.39	R
Jul 27	5.78	V	Apr 24	5.33	R	Oct 21	11.86	R	Apr 23	12.20	R
Aug 28	6.28	V	May 24	5.73	R	Nov 26	11.95	R	May 26	12.10	R
Sep 21	9.24	V	Jun 26	6.34	R	Jan 02, 1997	11.77	R	Jun 24	12.59	R
Oct 19	6.72	V	Jul 24	6.99	R	Jan 30	11.96	R	Jul 28	13.20	R
Nov 17	6.75	V	Aug 28	7.89	R	Feb 26	11.98	R	Aug 24	13.80	R
Dec 21	6.89	V	Sep 25	8.49	R	Mar 27	12.20	R	Sep 26	14.36	R
Jan 20, 1994	6.73	V									

HIGHEST	4.57	Mar 26, 1993
LOWEST	25.29	Dec 23, 1992

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W12L005S
Site identification number 345251116560604
Common name MC2-80
East of Barstow at Nebo Marine Corps Logistics Base. Drilled observation well. Diameter 2 inches, depth measured 74.6 feet in 1996, perforated 60–80 feet. Altitude of land-surface datum 2,002.66 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
Jun 25, 1992	22.58	V	Mar 13, 1994	6.04	V	Oct 30, 1995	8.15	R	Apr 28, 1997	11.44	R
Jun 30	22.42	S	Apr 12	6.19	V	Nov 27	8.28	R	Apr 30	12.92	R
Jul 19	22.54	S	Jun 07	6.74	R	Dec 18	8.27	R	May 28	11.89	R
Aug 10	22.88	V	Jul 25	7.74	R	Jan 31, 1996	8.29	R	Jun 30	12.46	R
Oct 06	23.80	V	Aug 22	8.31	R	Feb 29	8.37	R	Aug 28	13.32	R
Nov 16	24.27	V	Sep 27	9.00	R	Mar 26	8.39	R	Sep 23	13.65	R
Dec 23	24.58	V	Oct 24	9.33	RS	Apr 29	8.66	R	Nov 06	13.66	R
Jan 13, 1993	24.30	V	Nov 28	9.60	R	May 30	8.99	R	Nov 27	13.86	R
Feb 02	8.31	S	Dec 19	9.67	R	Jul 02	9.48	R	Dec 30	13.79	R
Mar 26	3.82	V	Jan 23, 1995	8.87	R	Jul 30	9.98	R	Jan 29, 1998	13.80	R
May 19	4.27	V	Feb 27	6.98	R	Aug 20	10.23	R	Feb 27	11.07	R
Jun 15	4.57	V	Mar 28	4.32	R	Sep 26	10.77	R	Mar 26	11.39	R
Jul 27	5.21	V	Apr 24	4.60	R	Oct 21	10.98	R	Apr 23	12.21	R
Aug 28	5.67	V	May 24	5.01	R	Nov 26	11.05	R	May 26	11.08	R
Sep 21	5.90	V	Jun 26	5.58	R	Jan 02, 1997	10.87	R	Jun 24	11.60	R
Oct 19	6.04	V	Jul 24	6.22	R	Jan 30	11.04	R	Jul 28	12.28	R
Nov 17	6.08	V	Aug 28	7.09	R	Feb 26	11.09	R	Aug 24	12.84	R
Dec 21	6.01	V	Sep 25	7.70	R	Mar 27	11.21	R	Sep 26	13.41	R
Jan 20, 1994	6.01	V									

HIGHEST	3.82	Mar 26, 1993
LOWEST	24.58	Dec 23, 1992

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W12N004S
Site identification number 345242116562101
Common name MC3 AT 640
East of Barstow at Nebo Marine Corps Logistics Base. Drilled observation well. Diameter 2 inches, depth 640 feet, perforated 620–640 feet. Altitude of land-surface datum 2,010 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 16, 1992	31.43	S	Jan 20, 1994	15.61	V	Sep 25, 1995	16.12	R	Mar 27, 1997	19.82	R
Jul 29	38.81	V	Mar 13	15.62	V	Oct 30	16.59	R	Apr 28	19.94	R
Aug 10	30.69	V	Apr 12	15.65	V	Nov 27	16.86	R	May 28	20.27	R
Aug 27	30.85	V	Jun 07	15.94	R	Dec 18	16.96	R	Jun 30	20.73	R
Oct 06	31.54	V	Jul 25	16.56	R	Jan 31, 1996	16.96	R	Jul 30	21.14	R
Nov 16	31.61	V	Aug 22	16.97	R	Feb 29	17.17	R	Aug 28	21.41	R
Dec 23	32.01	V	Sep 27	17.53	R	Mar 26	17.19	R	Sep 23	21.69	R
Jan 13, 1993	31.88	V	Oct 24	17.89	R	Apr 29	17.48	R	Nov 06	22.01	R
Feb 11	25.73	V	Nov 28	18.27	R	May 30	17.61	R	Nov 27	22.15	R
Mar 03	21.13	V	Dec 19	18.36	R	Jul 02	17.96	R	Dec 30	22.21	R
Mar 23	18.17	V	Jan 23, 1995	18.14	R	Jul 30	18.38	R	Jan 29, 1998	22.20	R
May 19	15.49	V	Feb 27	17.46	R	Aug 20	18.57	R	Feb 27	21.97	R
Jul 21	15.18	V	Mar 28	15.68	R	Sep 26	19.07	R	Mar 26	20.97	R
Aug 28	15.41	V	Apr 24	14.73	R	Oct 21	19.39	R	Apr 23	20.60	R
Sep 21	15.44	V	May 24	14.47	R	Nov 26	19.46	R	Jun 24	20.15	R
Oct 19	15.67	V	Jun 26	14.70	R	Jan 02, 1997	19.47	R	Jul 28	20.68	R
Nov 17	15.69	V	Jul 24	15.10	R	Jan 30	19.62	R	Aug 24	21.08	R
Dec 21	15.73	V	Aug 28	15.69	R	Feb 26	19.52	R	Sep 26	21.59	R

HIGHEST	14.47	May 24, 1995
LOWEST	38.81	Jul 29, 1992

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W12N005S
Site identification number 345242116562102
Common name MC3 AT 310
East of Barstow at Nebo Marine Corps Logistics Base. Drilled observation well. Diameter 2 inches, depth measured 307.1 feet in 1996, perforated 290–310 feet. Altitude of land-surface datum 2,010 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 16, 1992	34.48	S	Mar 13, 1994	8.90	V	Oct 30, 1995	10.99	R	Apr 28, 1997	13.82	R
Jul 29	34.20	V	Apr 12	9.00	V	Nov 27	11.01	R	May 28	15.34	R
Aug 10	25.96	V	Jun 07	9.62	R	Dec 18	10.95	R	Jun 30	14.96	R
Aug 27	35.03	V	Jul 25	10.66	R	Jan 31, 1996	10.82	R	Jul 30	15.47	R
Oct 06	26.26	V	Aug 22	11.25	R	Feb 29	10.84	R	Aug 28	15.83	R
Nov 16	26.58	V	Sep 27	11.88	R	Mar 26	10.83	R	Sep 23	16.14	R
Dec 23	26.85	V	Oct 24	12.11	R	Apr 29	11.15	R	Nov 06	16.07	R
Jan 13, 1993	26.48	V	Nov 28	12.23	R	May 30	11.45	R	Nov 27	16.12	R
Feb 11	10.50	V	Dec 19	12.26	R	Jul 02	12.07	R	Dec 30	15.98	R
Mar 03	7.64	V	Jan 23, 1995	11.35	R	Jul 30	12.55	R	Jan 29, 1998	15.96	R
Mar 23	7.06	V	Feb 27	9.72	R	Aug 20	12.80	R	Feb 27	14.18	R
May 19	7.68	V	Mar 28	7.71	R	Sep 26	13.34	R	Mar 26	13.66	R
Jul 21	8.47	V	Apr 24	7.84	R	Oct 21	13.53	R	Apr 23	13.55	R
Aug 28	8.97	V	May 24	8.18	R	Nov 26	13.46	R	May 26	13.36	R
Sep 21	9.12	V	Jun 26	8.73	R	Jan 02, 1997	13.13	R	Jun 24	14.02	R
Oct 19	9.29	V	Jul 24	9.33	R	Jan 30	13.35	R	Jul 28	14.74	R
Nov 17	9.28	V	Aug 28	10.14	R	Feb 26	13.36	R	Aug 24	15.31	R
Dec 21	9.17	V	Sep 25	10.67	R	Mar 27	13.56	R	Sep 26	15.86	R
Jan 20, 1994	8.98	V									

HIGHEST	7.06	Mar 23, 1993
LOWEST	35.03	Aug 27, 1992

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W12N006S
Site identification number 345242116562103
Common name MC3 AT 170
East of Barstow at Nebo Marine Corps Logistics Base. Drilled observation well. Diameter 2 inches, depth measured 167.7 feet in 1997, perforated 150–170 feet. Altitude of land-surface datum 2,010 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 16, 1992	25.36	VR	Mar 13, 1994	9.21	V	Oct 30, 1995	11.41	R	Apr 28, 1997	14.25	R
Jul 29	25.58	V	Apr 12	9.33	V	Nov 27	11.43	R	May 28	14.79	R
Aug 10	25.67	V	Jun 07	9.97	R	Dec 18	11.35	R	Jun 30	15.37	R
Aug 27	26.06	V	Jul 25	11.06	R	Jan 31, 1996	11.22	R	Jul 30	15.90	R
Oct 06	26.77	V	Aug 22	11.62	R	Feb 29	11.21	R	Aug 28	16.31	R
Nov 16	27.04	V	Sep 27	12.31	R	Mar 26	11.21	R	Sep 23	16.54	R
Dec 23	27.31	V	Oct 24	12.52	R	Apr 29	11.52	R	Nov 06	16.52	R
Jan 13, 1993	26.90	V	Nov 28	12.66	R	May 30	11.80	R	Nov 27	16.55	R
Feb 11	9.76	V	Dec 19	12.65	R	Jul 02	12.45	R	Dec 30	16.41	R
Mar 03	7.42	V	Jan 23, 1995	11.70	R	Jul 30	12.96	R	Jan 29, 1998	16.40	R
Mar 23	7.47	V	Feb 27	9.99	R	Aug 20	13.22	R	Feb 27	14.18	R
May 19	7.77	V	Mar 28	7.90	R	Sep 26	13.71	R	Mar 26	14.00	R
Jul 21	8.71	V	Apr 24	7.86	R	Oct 21	13.91	R	Apr 23	13.93	R
Aug 28	9.21	V	May 24	8.47	R	Nov 26	13.88	R	May 26	13.73	R
Sep 21	9.42	V	Jun 26	9.04	R	Jan 02, 1997	13.46	R	Jun 24	14.41	R
Oct 19	9.56	V	Jul 24	9.67	R	Jan 30	13.75	R	Jul 28	15.15	R
Nov 17	9.58	V	Aug 28	10.52	R	Feb 26	13.76	R	Aug 24	15.80	R
Dec 21	9.38	V	Sep 25	11.07	R	Mar 27	14.01	R	Sep 26	16.33	R
Jan 20, 1994	9.20	V									

HIGHEST	7.42	Mar 03, 1993
LOWEST	27.31	Dec 23, 1992

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N001W12N007S
Site identification number 345242116562104
Common name MC3 AT 80
East of Barstow at Nebo Marine Corps Logistics Base. Drilled observation well. Diameter 2 inches, depth measured 91.0 feet in 1997, perforated 60–80 feet. Altitude of land-surface datum 2,010 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 16, 1992	25.08	V	Mar 13, 1994	8.96	V	Oct 30, 1995	11.08	R	Apr 28, 1997	13.80	R
Jul 29	25.20	V	Apr 12	9.08	V	Nov 27	11.07	R	May 28	15.35	R
Aug 10	25.32	V	Jun 07	9.70	R	Dec 18	10.98	R	Jun 30	14.97	R
Aug 27	25.73	V	Jul 25	10.74	R	Jan 31, 1996	10.85	R	Jul 30	15.48	R
Oct 06	26.47	V	Aug 22	11.31	R	Feb 29	10.85	R	Aug 28	15.84	R
Nov 16	26.74	V	Sep 27	11.92	R	Mar 26	10.82	R	Sep 23	16.15	R
Dec 23	26.99	V	Oct 24	12.14	R	Apr 29	11.13	R	Nov 06	16.04	R
Jan 13	26.56	V	Nov 28	12.27	R	May 30	11.33	R	Nov 27	16.07	R
Feb 11	8.81	V	Dec 19	12.27	R	Jul 02	11.94	R	Dec 30	15.92	R
Mar 03, 1993	7.02	V	Jan 23, 1995	11.22	R	Jul 30	12.38	R	Jan 29, 1998	15.90	R
Mar 23	7.27	V	Feb 27	9.60	R	Aug 20	12.63	R	Feb 27	13.45	R
May 19	7.64	V	Mar 28	7.62	R	Sep 26	13.13	R	Mar 26	13.50	R
Jul 21	8.53	V	Apr 24	8.09	R	Oct 21	13.27	R	Apr 23	13.69	R
Aug 28	9.00	V	May 24	8.26	R	Nov 26	13.33	R	May 26	13.22	R
Sep 21	9.21	V	Jun 26	8.79	R	Jan 02, 1997	12.84	R	Jun 24	13.91	R
Oct 19	9.34	V	Jul 24	9.39	R	Jan 30	13.27	R	Jul 28	14.72	R
Nov 17	9.22	V	Aug 28	10.22	R	Feb 26	13.31	R	Aug 24	17.30	R
Dec 21	9.28	V	Sep 25	10.76	R	Mar 27	13.54	R	Sep 26	16.20	R
Jan 20, 1994	9.02	V									

HIGHEST	7.02	Mar 03, 1993
LOWEST	26.99	Dec 23, 1992

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N002E03G006S
Site identification number 345416116451601
Common name CALICO EAST-600
East of Yermo and Minneola Road. Drilled observation well. Diameter 2 inches, depth 600 feet, perforated 580–600 feet. Altitude of land-surface datum 1,848 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 03, 1994	101.72	V	Jun 26, 1995	103.46	R	Aug 20, 1996	106.95	R	Sep 23, 1997	109.60	R
Jun 07	102.01	V	Jul 24	103.77	R	Sep 26	107.26	R	Nov 06	109.51	R
Jul 25	102.53	R	Aug 28	104.17	R	Oct 21	107.27	R	Nov 26	109.21	R
Jul 27	102.49	V	Sep 25	104.57	R	Nov 26	106.76	R	Dec 30	109.70	R
Aug 22	102.93	R	Oct 30	104.61	R	Jan 02, 1997	106.63	R	Jan 29, 1998	109.30	R
Sep 27	103.12	R	Nov 27	104.58	R	Jan 30	106.77	R	Feb 27	109.35	R
Oct 24	103.09	R	Dec 18	104.47	R	Feb 26	106.82	R	Mar 26	109.89	R
Nov 28	102.71	R	Jan 31, 1996	104.32	R	Mar 27	107.46	R	Apr 23	110.32	R
Dec 19	102.55	R	Feb 29	104.42	R	Apr 28	108.07	R	May 26	110.92	R
Jan 23, 1995	102.22	R	Mar 26	105.06	R	May 28	108.51	R	Jun 24	111.40	R
Feb 27	102.48	R	Apr 29	105.50	R	Jun 30	108.93	R	Jul 28	111.81	R
Mar 27	102.77	R	May 30	105.92	R	Jul 30	109.20	R	Aug 24	112.10	R
Apr 24	103.00	R	Jul 02	106.34	R	Aug 28	109.45	R	Sep 26	112.36	R
May 24	103.28	R	Jul 30	106.74	R						

HIGHEST	101.72	Jun 03, 1994
LOWEST	112.36	Sep 26, 1998

State well number 009N002E03G007S
Site identification number 345416116451602
Common name CALICO EAST-490
East of Yermo and Minneola Road. Drilled observation well. Diameter 2 inches, depth 490 feet, perforated 470–490 feet. Altitude of land-surface datum 1,848 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 03, 1994	101.85	V	Jun 26, 1995	103.36	R	Aug 20, 1996	106.83	R	Sep 23, 1997	109.46	R
Jun 07	102.03	V	Jul 24	103.66	R	Sep 26	107.13	R	Nov 06	109.38	R
Jul 25	102.48	R	Aug 28	104.07	R	Oct 21	107.15	R	Nov 26	109.07	R
Jul 27	102.40	V	Sep 25	104.39	R	Nov 26	106.63	R	Dec 30	109.15	R
Aug 22	102.83	R	Oct 30	104.51	R	Jan 02, 1997	106.52	R	Jan 29, 1998	109.15	R
Sep 27	102.98	R	Nov 27	104.47	R	Jan 30	106.68	R	Feb 27	109.24	R
Oct 24	102.98	R	Dec 18	104.36	R	Feb 26	106.70	R	Mar 26	109.77	R
Nov 28	102.61	R	Jan 31, 1996	104.22	R	Mar 27	107.35	R	Apr 23	110.22	R
Dec 19	102.46	R	Feb 29	104.33	R	Apr 28	107.96	R	May 26	110.77	R
Jan 23, 1995	102.14	R	Mar 26	104.96	R	May 28	108.38	R	Jun 24	111.32	R
Feb 27	102.41	R	Apr 29	105.40	R	Jun 30	108.78	R	Jul 28	111.67	R
Mar 27	102.68	R	May 30	105.78	R	Jul 30	109.08	R	Aug 24	112.02	R
Apr 24	102.91	R	Jul 02	106.22	R	Aug 28	109.32	R	Sep 26	112.23	R
May 24	103.19	R	Jul 30	106.61	R						

HIGHEST	101.85	Jun 03, 1994
LOWEST	112.23	Sep 26, 1998

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N002E03G008S
Site identification number 345416116451603
Common name CALICO EAST-300
East of Yermo and Minneola Road. Drilled observation well. Diameter 2 inches, depth measured 301.6 feet in 1996, perforated 280–300 feet. Altitude of land-surface datum 1,848 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 05, 1994	98.35	V	Jun 26, 1995	100.76	R	Aug 20, 1996	103.92	R	Sep 23, 1997	106.81	R
Jun 07	98.68	V	Jul 24	101.00	R	Sep 26	104.22	R	Nov 06	106.99	R
Jul 25	99.19	R	Aug 28	101.30	R	Oct 21	104.51	R	Nov 26	106.8	R
Jul 27	98.64	V	Sep 25	101.52	R	Nov 26	104.31	R	Dec 30	107.07	R
Aug 22	99.57	R	Oct 30	101.75	R	Jan 02, 1997	104.40	R	Jan 29, 1998	107.22	R
Sep 27	99.91	R	Nov 27	101.90	R	Jan 30	104.60	R	Feb 27	107.45	R
Oct 24	100.08	R	Dec 18	101.91	R	Feb 26	104.63	R	Mar 27	107.72	R
Nov 28	100.13	R	Jan 31, 1996	101.94	R	Mar 27	105.01	R	Apr 23	107.96	R
Dec 19	100.17	R	Feb 29	102.21	R	Apr 28	105.40	R	May 26	108.28	R
Jan 23, 1995	100.12	R	Mar 26	102.54	R	May 28	105.71	R	Jun 24	108.68	R
Feb 27	100.37	R	Apr 29	102.85	R	Jun 30	106.08	R	Jul 28	108.92	R
Mar 27	100.50	R	May 30	103.06	R	Jul 30	106.38	R	Aug 24	109.28	R
Apr 24	100.56	R	Jul 02	103.35	R	Aug 28	106.61	R	Sep 26	109.60	R
May 24	100.68	R	Jul 30	103.68	R						

HIGHEST	98.35	Jun 05, 1994
LOWEST	109.60	Sep 26, 1998

State well number 009N002E03G009S
Site identification number 345416116451604
Common name CALICO EAST-140
East of Yermo and Minneola Road. Drilled observation well. Diameter 2 inches, depth measured 141.1 feet in 1996, perforated 120–140 feet. Altitude of land-surface datum 1,848 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	96.75	V	Jun 26, 1995	99.13	R	Aug 20, 1996	102.01	R	Sep 23, 1997	105.04	R
Jun 29	96.75	V	Jul 24	99.27	R	Sep 26	102.35	R	Nov 06	105.37	R
Jul 25	97.00	R	Aug 28	99.49	R	Oct 21	102.70	R	Nov 26	105.19	R
Jul 27	96.85	V	Sep 25	99.61	R	Nov 26	102.71	R	Dec 30	105.67	R
Aug 22	97.45	R	Oct 30	99.93	R	Jan 02, 1997	102.88	R	Jan 29, 1998	105.82	R
Sep 27	97.84	R	Nov 27	100.11	R	Jan 30	103.12	R	Feb 27	106.11	R
Oct 24	98.14	R	Dec 18	100.22	R	Feb 26	103.12	R	Mar 27	106.31	R
Nov 28	98.44	R	Jan 31, 1996	100.34	R	Mar 27	103.45	R	Apr 23	106.52	R
Dec 19	98.57	R	Feb 29	100.65	R	Apr 28	103.72	R	May 26	106.70	R
Jan 23, 1995	98.64	R	Mar 26	100.90	R	May 28	103.99	R	Jun 24	106.97	R
Feb 27	98.89	R	Apr 29	101.10	R	Jun 30	104.33	R	Jul 28	107.21	R
Mar 27	98.93	R	May 30	101.30	R	Jul 30	104.63	R	Aug 24	107.50	R
Apr 24	99.05	R	Jul 02	101.49	R	Aug 28	104.80	R	Sep 26	107.79	R
May 24	99.04	R	Jul 30	101.79	R						

HIGHEST	96.75	Jun 07, 1994; Jun 29, 1994
LOWEST	107.79	Sep 26, 1998

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N002E03K005S
Site identification number 345404116451801
Common name CALICO WEST-650
Southeast of Yermo. Drilled observation well. Diameter 2 inches, depth 650 feet, perforated 630–650 feet. Altitude of land-surface datum 1,853 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	42.73	V	Jun 26, 1995	51.22	R	Aug 20, 1996	55.92	R	Sep 23, 1997	58.12	R
Jun 07	47.93	V	Jul 24	51.84	R	Sep 26	56.26	R	Nov 06	57.35	R
Jun 28	48.62	V	Aug 28	52.34	R	Oct 21	56.22	R	Nov 26	56.83	R
Jul 25	49.37	R	Sep 25	52.69	R	Nov 26	54.56	R	Dec 30	56.37	R
Aug 22	49.73	R	Oct 30	52.36	R	Jan 02, 1997	54.01	R	Jan 29, 1998	56.05	R
Sep 27	50.19	R	Nov 27	51.89	R	Jan 30	53.90	R	Feb 27	55.80	R
Oct 24	49.96	R	Dec 18	51.27	R	Feb 26	54.27	R	Mar 26	56.96	R
Nov 28	48.99	R	Jan 31, 1996	51.02	R	Mar 27	55.52	R	Apr 23	57.62	R
Dec 19	48.69	R	Feb 29	50.78	R	Apr 28	56.08	R	May 26	57.80	R
Jan 23, 1995	47.97	R	Mar 26	52.29	R	May 28	56.49	R	Jun 24	58.60	R
Feb 27	48.81	R	Apr 29	53.50	R	Jun 30	57.27	R	Jul 28	59.07	R
Mar 27	48.90	R	May 30	54.06	R	Jul 30	57.49	R	Aug 24	59.41	R
Apr 24	49.84	R	Jul 02	54.62	R	Aug 28	57.70	R	Sep 26	59.74	R
May 24	50.27	R	Jul 30	55.42	R						

HIGHEST	42.73	Jun 04, 1994
LOWEST	59.74	Sep 26, 1998

State well number 009N002E03K006S
Site identification number 345404116451802
Common name CALICO WEST-510
Southeast of Yermo. Drilled observation well. Diameter 2 inches, depth 510 feet, perforated 490–510 feet. Altitude of land-surface datum 1,853 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	44.80	V	Jul 24, 1995	50.73	R	Aug 20, 1996	54.67	R	Sep 23, 1997	57.18	R
Jun 07	46.81	V	Aug 28	51.21	R	Sep 26	55.07	R	Nov 06	56.81	R
Jun 28	47.34	V	Sep 25	51.51	R	Oct 21	55.14	R	Nov 26	56.41	R
Aug 22	48.48	R	Oct 30	51.44	R	Nov 26	54.00	R	Dec 30	56.12	R
Sep 27	49.03	R	Nov 27	51.14	R	Jan 02, 1997	51.65	R	Jan 29, 1998	55.97	R
Oct 24	48.93	R	Dec 18	50.74	R	Jan 30	53.56	R	Feb 27	55.70	R
Nov 28	48.35	R	Jan 31, 1996	50.59	R	Feb 26	53.86	R	Mar 26	56.61	R
Dec 19	48.16	R	Feb 29	50.43	R	Mar 27	54.74	R	Apr 23	57.01	R
Jan 23, 1995	47.69	R	Mar 26	51.57	R	Apr 28	55.34	R	May 26	57.22	R
Feb 27	48.29	R	Apr 29	52.55	R	May 28	55.69	R	Jun 24	57.93	R
Mar 27	48.29	R	May 30	53.05	R	Jun 30	56.32	R	Jul 28	58.30	R
Apr 24	48.96	R	Jul 02	53.51	R	Jul 30	56.58	R	Aug 24	58.70	R
May 24	49.33	R	Jul 30	54.17	R	Aug 28	56.81	R	Sep 26	59.02	R
Jun 26	50.15	R									

HIGHEST	44.80	Jun 04, 1994
LOWEST	59.02	Sep 26, 1998

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N002E03K007S
Site identification number 345404116451803
Common name CALICO WEST-340
Southeast of Yermo. Drilled observation well. Diameter 2 inches, depth measured 339.6 feet in 1996, perforated 320–340 feet. Altitude of land-surface datum 1,853 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	45.78	V	Jun 26, 1995	49.32	R	Aug 20, 1996	53.80	R	Sep 23, 1997	56.70	R
Jun 07	46.05	V	Jul 24	49.86	R	Sep 26	54.22	R	Nov 06	56.35	R
Jun 28	45.51	V	Aug 28	50.35	R	Oct 21	54.35	R	Nov 26	56.06	R
Jul 25	47.21	R	Sep 25	50.66	R	Nov 26	53.60	R	Dec 30	55.90	R
Aug 22	47.64	R	Oct 30	50.72	R	Jan 02, 1997	53.35	R	Jan 29, 1998	55.70	R
Sep 27	48.21	R	Nov 27	50.57	R	Jan 30	53.35	R	Feb 27	55.64	R
Oct 24	48.26	R	Dec 18	50.33	R	Feb 26	53.54	R	Mar 26	56.25	R
Nov 28	47.91	R	Jan 31, 1996	50.20	R	Mar 27	54.24	R	Apr 23	56.60	R
Dec 19	47.81	R	Feb 29	50.15	R	Apr 28	54.73	R	May 26	56.85	R
Jan 23, 1995	47.48	R	Mar 26	51.06	R	May 28	55.10	R	Jun 24	57.40	R
Feb 27	47.92	R	Apr 29	51.85	R	Jun 30	55.65	R	Jul 28	57.75	R
Mar 27	47.74	R	May 30	52.26	R	Jul 30	55.91	R	Aug 24	58.11	R
Apr 24	48.22	R	Jul 02	52.74	R	Aug 28	55.65	R	Sep 26	58.45	R
May 24	48.60	R	Jul 30	53.33	R						

HIGHEST	45.51	Jun 28, 1994
LOWEST	58.45	Sep 26, 1998

State well number 009N002E03K008S
Site identification number 345404116451804
Common name CALICO WEST-210
Southeast of Yermo. Drilled observation well. Diameter 2 inches, depth measured 206.5 feet in 1996, perforated 190–210 feet. Altitude of land-surface datum 1,853 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	40.66	V	Jun 26, 1995	46.71	R	Aug 20, 1996	51.42	R	Sep 23, 1997	56.51	R
Jun 07	44.01	V	Jul 24	47.23	R	Sep 26	51.91	R	Nov 06	56.97	R
Jun 28	44.32	V	Aug 28	47.76	R	Oct 21	52.25	R	Nov 26	54.79	R
Jul 25	44.95	R	Sep 25	48.11	R	Nov 26	52.15	R	Dec 30	55.02	R
Aug 22	45.41	R	Oct 30	48.52	R	Jan 02, 1997	52.23	R	Jan 29, 1998	55.06	R
Sep 27	46.03	R	Nov 27	48.70	R	Jan 30	52.40	R	Feb 27	55.15	R
Oct 24	46.28	R	Dec 18	48.72	R	Feb 26	52.39	R	Mar 26	55.26	R
Nov 28	46.47	R	Jan 31, 1996	48.83	R	Mar 27	52.77	R	Apr 23	55.42	R
Dec 19	46.57	R	Feb 29	49.02	R	Apr 28	53.12	R	May 26	55.66	R
Jan 23, 1995	46.55	R	Mar 26	49.43	R	May 28	53.45	R	Jun 24	56.02	R
Feb 27	46.55	R	Apr 29	49.88	R	Jun 30	53.87	R	Jul 28	56.22	R
Mar 27	45.62	R	May 30	50.20	R	Jul 30	54.17	R	Aug 24	56.65	R
Apr 24	45.68	R	Jul 02	50.62	R	Aug 28	54.41	R	Sep 26	56.89	R
May 24	46.14	R	Jul 30	51.07	R						

HIGHEST	40.66	Jun 04, 1994
LOWEST	56.97	Nov 06, 1997

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N002E03K009S
Site identification number 345404116451805
Common name CALICO WEST-65
Southeast of Yermo. Drilled observation well. Diameter 2 inches, depth measured 66.1 feet in 1996, perforated 45–65 feet. Altitude of land-surface datum 1,853 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	40.66	V	Jun 26, 1995	43.35	R	Aug 20, 1996	48.51	R	Sep 23, 1997	52.50	R
Jun 07	40.77	V	Jul 24	43.73	R	Sep 26	49.03	R	Nov 06	52.93	R
Jun 28	41.07	V	Aug 28	44.27	R	Oct 21	49.32	R	Nov 26	53.05	R
Jul 25	41.63	R	Sep 25	44.68	R	Nov 26	49.71	R	Dec 30	53.37	R
Aug 22	42.16	R	Oct 30	45.14	R	Jan 02, 1997	50.10	R	Jan 29, 1998	53.57	R
Sep 27	42.85	R	Nov 27	45.47	R	Jan 30	50.37	R	Feb 27	53.75	R
Oct 24	43.25	R	Dec 18	45.75	R	Feb 26	50.59	R	Mar 26	53.89	R
Nov 28	43.71	R	Jan 31, 1996	46.22	R	Mar 27	50.87	R	Apr 23	54.10	R
Dec 19	43.97	R	Feb 29	46.53	R	Apr 28	51.13	R	May 26	54.02	R
Jan 23, 1995	44.35	R	Mar 26	46.82	R	May 28	51.40	R	Jun 24	54.41	R
Feb 27	46.64	R	Apr 29	47.15	R	Jun 30	51.70	R	Jul 28	54.49	R
Mar 27	43.72	R	May 30	47.52	R	Jul 30	52.11	R	Aug 24	56.72	R
Apr 24	43.07	R	Jul 02	47.87	R	Aug 28	52.22	R	Sep 26	54.91	R
May 24	43.00	R	Jul 30	48.25	R						

HIGHEST	40.66	Jun 04, 1994
LOWEST	56.72	Aug 24, 1998

State well number 009N003E22R004S
Site identification number 345104116384001
Common name NS-2 NO 1
North of Newberry Springs. Drilled observation well. Diameter 2 inches, depth 610 feet, perforated 590–610 feet. Altitude of land-surface datum 1,825 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 22, 1993	102.95	V	Oct 24, 1994	104.49	V	Feb 29, 1996	100.66	V	Jun 30, 1997	113.41	R
May 01	105.82	V	Nov 28	99.87	V	Mar 25	105.59	V	Jul 30	115.20	R
May 20	108.56	V	Dec 19	98.61	V	Apr 29	107.19	R	Aug 28	115.68	R
Jun 15	108.81	V	Jan 23, 1995	97.47	V	May 30	107.74	R	Sep 23	113.98	R
Jul 27	109.32	V	Feb 27	99.01	V	Jul 02	109.37	R	Nov 06	106.88	R
Aug 27	108.66	V	Mar 27	101.06	V	Jul 30	110.64	R	Nov 26	105.96	R
Sep 21	111.13	V	Apr 24	102.07	V	Aug 20	112.31	R	Dec 30	104.40	R
Oct 19	106.85	V	May 24	108.80	V	Sep 26	112.32	R	Jan 29, 1998	105.70	R
Nov 17	108.29	V	Jun 26	108.17	V	Oct 21	111.78	R	Feb 27	103.15	R
Dec 21	97.56	V	Jul 24	107.86	V	Nov 26	104.30	R	Mar 26	110.14	R
Jan 20, 1994	97.82	V	Aug 28	108.41	V	Jan 02, 1997	102.93	R	Apr 23	114.00	R
Feb 26	97.41	V	Sep 25	109.30	V	Jan 30	102.74	R	May 26	111.47	R
Apr 12	105.45	V	Oct 30	104.32	V	Feb 26	105.12	R	Jun 24	111.41	R
Jun 07	108.96	V	Nov 27	103.29	V	Mar 27	110.82	R	Jul 28	114.71	R
Aug 22	108.29	V	Dec 18	103.42	V	Apr 28	109.63	R	Aug 24	114.40	R
Sep 27	106.95	V	Jan 31, 1996	101.53	V	May 28	112.10	R	Sep 26	114.92	R

HIGHEST	97.41	Feb 26, 1994
LOWEST	115.68	Aug 28, 1997

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N003E22R005S
Site identification number 345104116384002
Common name NS-2 NO 2
North of Newberry Springs. Drilled observation well. Diameter 2 inches, depth 510 feet, perforated 490–510 feet. Altitude of land-surface datum 1,825 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 22, 1993	103.02	V	Oct 24, 1994	104.35	V	Feb 29, 1996	100.52	V	Jun 30, 1997	113.25	R
May 01	105.86	V	Nov 28	99.77	V	Mar 25	105.48	V	Jul 30	115.06	R
May 20	108.52	V	Dec 19	98.50	V	Apr 29	107.03	R	Aug 28	115.57	R
Jun 15	108.72	V	Jan 23, 1995	97.16	V	May 30	107.58	R	Sep 23	113.87	R
Jul 27	109.18	V	Feb 27	98.93	V	Jul 02	109.22	R	Nov 06	107.75	R
Aug 27	108.58	V	Mar 27	100.94	V	Jul 30	110.51	R	Nov 26	105.78	R
Sep 20	110.74	V	Apr 24	101.92	V	Aug 20	112.17	R	Dec 30	104.30	R
Oct 19	106.73	V	May 24	108.71	V	Sep 26	112.17	R	Jan 29, 1998	105.55	R
Nov 17	108.03	V	Jun 26	108.06	V	Oct 21	111.58	R	Feb 27	102.99	R
Dec 21	97.47	V	Jul 24	107.77	V	Nov 26	104.24	R	Mar 26	110.03	R
Jan 20, 1994	97.70	V	Aug 28	108.30	V	Jan 02, 1997	102.75	R	Apr 23	113.95	R
Feb 26	97.38	V	Sep 25	109.20	V	Jan 30	102.63	R	May 26	111.27	R
Apr 12	105.44	V	Oct 30	104.17	V	Feb 26	104.95	R	Jun 24	111.25	R
Jun 07	108.93	V	Nov 27	103.17	V	Mar 27	109.93	R	Jul 28	114.60	R
Jul 25	105.34	V	Dec 18	103.30	V	Apr 28	109.50	R	Aug 24	114.30	R
Aug 22	108.24	V	Jan 31, 1996	101.40	V	May 28	111.38	R	Sep 26	114.80	R
Sep 27	106.79	V									

HIGHEST	97.16	Jan 23, 1995
LOWEST	115.57	Aug 28, 1997

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N003E22R006S
Site identification number 345104116384003
Common name NS-2 NO 3
North of Newberry Springs. Drilled observation well. Diameter 2 inches, depth measured 288.4 feet in 1996, perforated 270–290 feet in 1996. Altitude of land-surface datum 1,825 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 22, 1993	103.09	V	Oct 24, 1994	104.41	V	Feb 29, 1996	101.91	V	Jun 30, 1997	116.68	R
May 01	103.55	V	Nov 28	100.86	V	Mar 25	107.64	V	Jul 30	119.21	R
May 20	106.29	V	Dec 19	99.98	V	Apr 29	110.47	R	Aug 28	121.10	R
Jun 15	105.32	V	Jan 23, 1995	98.73	V	May 30	109.12	R	Sep 23	120.31	R
Jul 27	108.69	V	Feb 27	100.81	V	Jul 02	113.22	R	Nov 06	110.19	R
Aug 27	106.62	V	Mar 27	101.55	V	Jul 30	115.50	R	Nov 26	108.07	R
Sep 21	109.80	V	Apr 24	103.11	V	Aug 20	119.01	R	Dec 30	106.61	R
Oct 19	104.69	V	May 24	108.39	V	Sep 26	115.90	R	Jan 29, 1998	107.75	R
Nov 17	106.63	V	Jun 26	110.35	V	Oct 21	116.52	R	Feb 27	105.40	R
Dec 21	98.62	V	Jul 24	110.20	V	Nov 26	106.06	R	Mar 26	114.96	R
Jan 20, 1994	98.40	V	Aug 28	110.82	V	Jan 02, 1997	102.69	R	Apr 23	118.28	R
Feb 26	97.73	V	Sep 25	112.90	V	Jan 30	104.04	R	May 26	116.07	R
Apr 12	106.52	V	Oct 30	106.06	V	Feb 26	108.80	R	Jun 24	118.25	R
Jun 07	105.66	V	Nov 27	103.98	V	Mar 27	115.08	R	Jul 28	119.41	R
Jul 25	104.51	V	Dec 18	103.43	V	Apr 28	115.50	R	Aug 24	119.39	R
Aug 22	107.86	V	Jan 31, 1996	104.16	V	May 28	113.62	R	Sep 26	117.85	R
Sep 27	108.36	V									

HIGHEST	97.73	Feb 26, 1994
LOWEST	121.10	Aug 28, 1997

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 009N003E22R007S
Site identification number 345104116384004
Common name NS-2 NO 4
North of Newberry Springs. Drilled observation well. Diameter 2 inches, depth measured 129.3 feet in 1997, perforated 90–110 feet. Altitude of land-surface datum 1,825 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 22, 1993	99.51	V	Oct 24, 1994	105.18	V	Feb 29, 1996	104.48	V	Jun 30, 1997	109.22	R
May 01	99.91	V	Nov 28	104.23	V	Mar 25	104.40	V	Jul 30	109.78	R
May 20	100.23	V	Dec 19	103.86	V	Apr 29	105.60	R	Aug 28	110.10	R
Jun 15	100.85	V	Jan 23, 1995	103.13	V	May 30	106.08	R	Sep 23	110.86	R
Jul 27	101.82	V	Feb 27	102.76	V	Jul 02	106.51	R	Nov 06	110.76	R
Aug 27	102.42	V	Mar 27	102.65	V	Jul 30	107.05	R	Nov 26	110.11	R
Sep 21	103.49	V	Apr 24	103.02	V	Aug 20	107.52	R	Dec 30	110.04	R
Oct 19	103.41	V	May 24	103.62	V	Sep 26	108.07	R	Jan 29, 1998	109.71	R
Nov 17	104.22	V	Jun 26	104.25	V	Oct 21	108.59	R	Feb 27	109.48	R
Dec 21	102.43	V	Jul 24	104.75	V	Nov 26	108.04	R	Mar 26	109.44	R
Jan 20, 1994	102.03	V	Aug 28	105.24	V	Jan 02, 1997	107.57	R	Apr 23	109.68	R
Feb 26	101.43	V	Sep 25	105.51	V	Jan 30	107.30	R	May 26	110.11	R
Apr 12	102.06	V	Oct 30	105.78	V	Feb 26	106.88	R	Jun 24	111.05	R
Jun 07	103.43	V	Nov 27	105.57	V	Mar 27	107.28	R	Jul 28	112.11	R
Jul 25	103.89	V	Dec 18	105.24	V	Apr 28	107.87	R	Aug 24	112.56	R
Aug 22	104.25	V	Jan 31, 1996	104.52	V	May 28	108.61	R	Sep 26	112.61	R
Sep 27	104.51	V									

HIGHEST	99.51	Mar 22, 1993
LOWEST	112.61	Sep 26, 1998

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 010N001E20M001S
Site identification number 345631116541401
Common name CALFAN-350
Southwest of Calico. Drilled observation well. Diameter 2 inches, depth measured 350.3 feet in 1997, perforated 340–350 feet. Altitude of land-surface datum 2,090 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
Jul 21, 1993	250.82	V	Dec 19, 1994	253.13	V	Mar 26, 1996	255.20	V	Jun 30, 1997	257.26	R
Aug 02	250.99	V	Jan 23, 1995	253.26	V	Apr 29	255.23	R	Jul 30	257.27	R
Aug 25	250.97	V	Feb 27	253.43	V	May 30	255.43	R	Aug 28	257.45	R
Aug 26	251.13	V	Mar 27	253.45	V	Jul 02	255.34	R	Sep 23	257.61	R
Aug 28	251.09	V	Apr 24	253.64	V	Jul 30	255.66	R	Nov 06	257.73	R
Sep 23	251.37	V	May 24	253.76	V	Aug 20	255.75	R	Nov 27	257.89	R
Oct 19	251.30	V	Jun 05	253.89	V	Sep 26	256.06	R	Dec 30	258.00	R
Nov 17	251.34	V	Jun 26	253.92	V	Oct 21	256.07	R	Jan 29, 1998	258.20	R
Dec 21	252.75	V	Jul 24	254.02	V	Nov 26	256.19	R	Feb 27	258.35	R
Jan 25, 1994	251.61	V	Aug 28	252.23	V	Jan 02, 1997	256.48	R	Mar 26	258.39	R
Apr 13	251.90	V	Sep 25	254.32	V	Jan 22	256.44	R	Apr 23	258.55	R
Jun 07	252.37	V	Oct 30	254.53	V	Jan 30	256.57	R	May 26	258.78	R
Jul 25	252.38	V	Nov 27	254.62	V	Feb 26	256.56	R	Jun 24	258.80	R
Aug 22	252.61	V	Dec 18	254.78	V	Mar 27	256.78	R	Jul 28	259.01	R
Sep 27	252.72	V	Jan 31, 1996	254.88	V	Apr 28	256.82	R	Aug 24	259.17	R
Oct 24	252.88	V	Feb 29	255.03	V	May 28	257.01	R	Sep 26	259.19	R
Nov 28	253.07	V									

HIGHEST	250.82	Jul 21, 1993
LOWEST	259.19	Sep 26, 1998

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 010N001E20M002S
Site identification number 345631116541402
Common name CALFAN-285
Southwest of Calico. Drilled observation well. Diameter 2 inches, depth measured 294.2 feet in 1997, perforated 265–285 feet. Altitude of land-surface datum 2,090 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
Jul 21, 1993	250.82	V	Jan 23, 1995	253.24	V	Apr 29, 1996	255.21	R	Jul 30, 1997	257.27	R
Aug 25	250.97	V	Feb 27	253.41	V	May 30	255.42	R	Aug 28	257.44	R
Aug 26	251.13	V	Mar 27	253.44	V	Jul 02	255.42	R	Sep 23	257.60	R
Aug 28	251.09	V	Apr 24	253.62	V	Jul 30	255.64	R	Nov 06	257.71	R
Sep 23	251.25	V	May 24	253.72	V	Aug 20	255.78	R	Nov 27	257.88	R
Oct 19	251.20	V	Jun 05	253.93	V	Sep 26	256.04	R	Dec 30	257.98	R
Nov 17	251.27	V	Jun 26	253.90	V	Oct 21	256.04	R	Jan 29, 1998	258.19	R
Dec 21	251.35	V	Jul 24	254.03	V	Nov 26	256.18	R	Feb 27	258.33	R
Jan 25, 1994	251.61	V	Aug 28	254.29	V	Jan 02, 1997	256.38	R	Mar 24	257.85	S
Apr 13	251.88	V	Sep 25	254.29	V	Jan 22	256.42	V	Mar 26	260.35	R
Jun 07	252.45	V	Oct 30	254.50	V	Jan 30	256.54	R	Apr 23	258.66	R
Jul 25	252.36	V	Nov 27	254.61	V	Feb 26	256.55	R	May 26	258.76	R
Aug 22	252.57	V	Dec 18	254.75	V	Mar 27	256.75	R	Jun 24	258.90	R
Sep 27	252.73	V	Jan 31, 1996	254.86	V	Apr 28	256.80	R	Jul 28	259.00	R
Oct 24	252.85	V	Feb 29	255.02	V	May 28	257.00	R	Aug 24	259.13	R
Nov 28	253.03	V	Mar 26	255.18	V	Jun 30	257.25	R	Sep 26	259.18	R
Dec 19	253.09	V									

HIGHEST	250.82	Jul 21, 1993
LOWEST	260.35	Mar 26, 1998

State well number 010N003E26H001S
Site identification number 345549116373701
Common name CAMP CADY NO 1
Northeast of Barstow near Harvard Hill on Mojave River flood plain. Drilled observation well. Diameter 2 inches, depth 24.7 feet, perforated 14.7–24.7 feet. Altitude of land-surface datum 1,730 feet. Water-level records available since 1996.

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 17, 1996	17.52	S	Jan 16, 1997	18.99	S	Sep 09, 1997	20.51	V	Apr 21, 1998	19.82	V
Feb 13	17.46	S	Feb 13	18.89	S	Sep 24	20.15	V	May 07	19.90	V
Mar 19	17.43	S	Mar 11	18.91	S	Oct 09	20.14	V	Jun 02	20.19	V
Apr 17	17.70	S	Apr 05	19.09	S	Oct 21	20.18	V	Jun 10	20.28	V
May 08	17.95	S	Apr 28	19.46	S	Nov 05	20.12	V	Jun 23	20.31	V
Jun 14	18.37	S	May 15	19.43	S	Nov 20	20.09	V	Jul 09	20.44	V
Jul 18	18.77	S	May 29	19.52	S	Dec 09	19.98	V	Jul 23	20.55	V
Aug 20	19.17	S	Jun 10	19.61	S	Jan 07, 1998	19.86	V	Aug 04	20.61	V
Sep 17	19.41	S	Jun 24	19.71	S	Feb 05	19.77	V	Aug 17	20.69	V
Oct 17	19.55	S	Jul 10	19.80	S	Mar 10	19.58	V	Sep 03	20.80	V
Nov 14	19.39	S	Jul 29	19.88	V	Mar 24	19.52	V	Sep 16	20.84	V
Dec 17	19.14	S	Aug 21	20.00	V						

HIGHEST	17.43	Mar 16, 1996
LOWEST	20.84	Sep 16, 1998

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 010N003E27J001S
Site identification number 345542116383901
Common name NS-1 AT 570
East of Yermo on Harvard Road on north edge of Mojave River. Drilled observation well. Diameter 2 inches, depth 570 feet, perforated 550–570 feet. Altitude of land-surface datum 1,750 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
Jun 26, 1992	16.80	V	Dec 21, 1993	14.62	V	Jan 31, 1996	18.05	R	Jun 30, 1997	23.73	R
Jun 30	14.25	S	Jan 20, 1994	14.17	V	Feb 29	17.98	R	Jul 30	24.16	R
Jul 07	14.08	S	Feb 26	13.98	V	Mar 25	18.41	R	Aug 28	24.39	R
Oct 06	17.78	V	Apr 12	15.61	V	Apr 29	19.88	R	Sep 23	24.49	R
Nov 16	16.44	S	Jun 07	17.05	V	May 30	20.60	R	Nov 06	23.94	R
Jan 13, 1993	14.36	V	Jul 25	17.98	V	Jul 02	21.28	R	Nov 26	23.50	RS
Jan 21	14.46	V	Aug 22	18.51	V	Jul 30	21.88	R	Dec 30	23.05	RS
Feb 02	14.67	S	Aug 27	18.51	V	Aug 20	22.16	R	Jan 29, 1998	22.78	R
Feb 11	14.46	V	Sep 27	18.85	V	Sep 26	22.50	R	Feb 26	22.58	R
Mar 22	14.60	VS	Oct 24	18.29	V	Oct 21	22.38	R	Mar 26	23.25	R
May 20	14.97	V	Nov 28	17.30	V	Nov 26	21.26	R	Apr 23	24.42	R
Jun 15	15.11	V	Dec 19	16.61	V	Jan 02, 1997	20.53	R	May 26	26.60	R
Jul 27	15.44	V	Jan 23, 1995	15.75	V	Jan 30	20.48	R	Jun 24	26.07	R
Aug 27	15.68	V	Mar 25	19.27	R	Feb 26	20.54	R	Jul 28	27.00	R
Sep 20	16.03	V	Oct 30	19.44	R	Mar 27	21.20	R	Aug 24	27.20	R
Oct 19	16.35	V	Nov 27	19.01	R	Apr 28	22.43	R	Sep 26	27.38	R
Nov 17	15.43	V	Dec 18	18.62	R	May 28	23.12	R			

HIGHEST	13.98	Feb 26, 1994
LOWEST	27.38	Sep 26, 1998

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 010N003E27J002S
Site identification number 345542116383902
Common name NS-1 AT 370
East of Yermo on Harvard Road on north edge of Mojave River. Drilled observation well. Diameter 2 inches, depth measured 366.8 feet in 1996, perforated 350–370 feet. Altitude of land-surface datum 1,750 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
Jun 26, 1992	22.25	V	Feb 26, 1994	17.36	V	Oct 30, 1995	22.90	R	Apr 28, 1997	26.40	R
Jun 30	19.84	V	Apr 12	20.55	V	Nov 27	22.24	R	May 28	27.17	R
Jul 07	20.52	V	Jun 07	22.04	V	Dec 18	21.62	R	Jun 30	27.80	R
Oct 06	22.50	V	Jul 25	22.97	V	Jan 31, 1996	21.20	R	Jul 30	28.14	R
Nov 16	20.18	S	Aug 22	23.68	V	Feb 29	21.10	R	Aug 28	28.28	R
Jan 13, 1993	18.65	V	Sep 27	23.67	V	Mar 25	21.41	R	Sep 23	28.07	R
Jan 21	18.30	V	Oct 24	21.92	V	Apr 29	23.76	R	Nov 06	27.06	R
Feb 02	18.70	S	Nov 28	20.53	V	May 29	24.52	R	Nov 26	26.46	RS
Feb 11	18.39	V	Dec 19	19.52	V	Jul 02	25.30	R	Dec 30	25.97	RS
Mar 22	18.47	VS	Jan 23, 1995	18.57	V	Jul 30	26.13	R	Jan 29, 1998	25.71	R
May 20	19.57	V	Feb 27	18.78	R	Aug 20	26.51	R	Feb 26	25.47	R
Jun 15	19.80	V	Mar 27	19.32	R	Sep 26	26.72	R	Mar 26	26.87	R
Jul 27	20.43	V	Apr 24	20.12	R	Oct 21	26.09	R	Apr 23	28.46	R
Aug 27	20.51	V	May 24	22.34	R	Nov 26	24.32	R	May 26	29.55	R
Sep 20	21.28	V	Jun 26	22.00	R	Jan 02, 1997	24.35	R	Jun 24	30.13	R
Oct 19	20.37	V	Jul 24	22.26	R	Jan 30	23.45	R	Jul 28	31.02	R
Nov 17	19.00	V	Aug 24	22.89	R	Feb 25	23.77	R	Aug 24	31.04	R
Dec 21	18.10	V	Sep 25	23.06	R	Mar 27	25.16	R	Sep 26	30.79	R
Jan 20, 1994	17.56	V									

HIGHEST	17.36	Feb 26, 1994
LOWEST	31.04	Aug 24, 1998

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 010N003E27J003S
Site identification number 345542116383903
Common name NS-1 AT 255
East of Yermo on Harvard Road on north edge of Mojave River. Drilled observation well. Diameter 2 inches, depth measured 255.6 feet in 1996, perforated 235–255 feet. Altitude of land-surface datum 1,750 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
Jun 26, 1992	31.66	V	Feb 26, 1994	25.82	V	Nov 27, 1995	29.72	R	May 28, 1997	35.74	R
Jun 30	32.38	V	Apr 12	32.77	V	Dec 18	28.68	R	Jun 30	36.01	R
Jul 07	34.50	V	Jun 07	32.46	V	Jan 31, 1996	29.36	R	Jul 30	37.02	R
Oct 06	34.94	V	Jul 25	36.20	V	Feb 29	29.55	R	Aug 28	36.43	R
Nov 16	30.20	S	Aug 22	35.84	V	Mar 25	33.52	R	Sep 23	33.58	R
Jan 13, 1993	29.03	V	Sep 27	32.27	V	Apr 29	33.67	R	Nov 06	32.98	R
Jan 21	28.45	V	Oct 24	31.93	V	May 30	34.81	R	Nov 26	36.62	RS
Feb 02	27.77	S	Nov 28	28.63	V	Jul 02	34.62	R	Dec 30	33.13	RS
Feb 11	27.33	V	Dec 19	28.18	V	Jul 30	36.82	R	Jan 29, 1998	32.45	R
Mar 22	28.24	VS	Jan 23, 1995	27.33	V	Aug 20	37.67	R	Feb 26	32.05	R
May 20	28.26	V	Feb 27	32.67	R	Sep 26	37.72	R	Feb 27	33.25	R
Jun 15	29.20	V	Mar 27	28.62	R	Oct 21	34.35	R	Mar 26	36.60	R
Jul 27	30.41	V	Apr 24	33.56	R	Nov 26	31.19	R	Apr 23	37.42	R
Aug 27	30.16	V	May 24	34.75	R	Jan 02, 1997	30.87	R	May 26	40.17	R
Sep 20	31.01	V	Jun 26	31.77	R	Jan 30	30.81	R	Jun 24	38.77	R
Oct 19	28.70	V	Jul 24	31.27	R	Feb 26	31.62	R	Jul 28	38.06	R
Nov 17	26.85	V	Aug 28	31.68	R	Mar 27	35.44	R	Aug 24	38.01	R
Dec 21	26.59	V	Sep 25	32.34	R	Apr 28	34.77	R	Sep 26	37.79	R
Jan 20, 1994	26.01	V	Oct 30	31.24	R						

HIGHEST	25.82	Feb 26, 1994
LOWEST	40.17	May 26, 1998

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 010N003E27J004S
Site identification number 345542116383904
Common name NS-1 AT 90
East of Yermo on Harvard Road on north edge of Mojave River. Drilled observation well. Diameter 2 inches, depth measured 89.6 feet in 1996, perforated 70–90 feet. Altitude of land-surface datum 1,750 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
Jun 26, 1992	33.27	V	Jan 20, 1994	26.77	V	Sep 25, 1995	30.74	R	Mar 27, 1997	35.32	R
Jun 30	32.58	V	Feb 26	26.56	V	Oct 30	32.07	R	Apr 28	33.91	R
Jul 07	33.65	V	Apr 12	31.21	V	Nov 27	30.19	R	May 28	35.72	R
Oct 06	34.45	V	Jun 07	30.17	V	Dec 18	29.79	R	Jun 30	35.01	R
Nov 16	32.37	S	Jul 25	33.83	V	Jan 31, 1996	29.91	R	Jul 30	36.72	R
Jan 13, 1993	31.53	V	Aug 22	34.32	V	Feb 29	29.74	R	Aug 28	35.43	R
Jan 21	30.09	V	Sep 27	31.52	V	Mar 25	32.53	R	Sep 23	34.28	R
Feb 02	28.68	S	Oct 24	31.66	V	Apr 29	33.59	R	Nov 06	34.04	R
Feb 04	28.54	S	Nov 28	30.04	V	May 30	34.26	R	Nov 26	33.76	RS
Feb 11	27.74	V	Dec 19	29.77	V	Jul 02	34.38	R	Dec 30	33.81	RS
Mar 22	25.64	VS	Jan 23, 1995	29.26	V	Jul 30	35.48	R	Jan 29, 1998	33.47	R
May 20	25.17	V	Feb 27	32.34	R	Aug 20	35.95	R	Mar 26	37.04	R
Jun 15	25.91	V	Mar 27	28.46	R	Sep 26	36.24	R	Apr 23	35.75	R
Jul 27	27.37	V	Apr 24	31.76	R	Oct 21	33.67	R	May 26	38.17	R
Aug 27	27.47	V	May 24	32.87	R	Nov 26	32.23	R	Jun 24	37.80	R
Sep 20	25.33	V	Jun 26	30.39	R	Jan 02, 1997	31.98	R	Jul 28	37.84	R
Oct 19	27.86	V	Jul 24	30.24	R	Jan 30	31.90	R	Aug 24	38.00	R
Nov 17	27.17	V	Aug 28	30.45	R	Feb 26	32.20	R	Sep 26	37.89	R
Dec 21	26.92	V									

HIGHEST	25.17	May 20, 1993
LOWEST	38.17	May 26, 1998

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 010N003E27J005S
Site identification number 345542116383905
Common name NS-1 AT 45
East of Yermo on Harvard Road on north edge of Mojave River. Drilled observation well. Diameter 2 inches, depth measured 45.2 feet in 1997, perforated 35–45 feet. Altitude of land-surface datum 1,750 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
Jun 15, 1993	23.74	V	Feb 27, 1995	30.26	R	Apr 29, 1996	31.26	R	Aug 28, 1997	34.43	R
Aug 27	25.35	V	Mar 27	29.41	RS	May 30	31.65	R	Sep 23	34.28	R
Sep 20	26.18	V	Apr 24	28.97	R	Jul 02	31.86	R	Nov 06	34.21	R
Oct 19	26.48	V	May 24	29.46	R	Jul 30	32.48	R	Nov 26	33.98	RS
Dec 23	28.37	V	Jun 26	29.36	R	Oct 21	32.65	R	Dec 30	33.86	RS
Jan 20, 1994	25.83	V	Jul 24	29.48	R	Nov 26	32.12	R	Jan 29, 1998	33.71	R
Apr 12	28.07	V	Aug 28	29.70	R	Jan 02, 1997	32.04	R	Feb 27	33.40	R
Jun 07	28.82	V	Sep 25	29.85	R	Jan 30	31.81	R	Mar 26	34.06	R
Jul 25	29.56	R	Oct 30	31.27	R	Feb 26	32.10	R	Apr 23	34.06	R
Aug 22	30.42	R	Nov 27	30.25	R	Mar 27	32.93	R	May 26	34.92	R
Sep 27	30.62	R	Dec 18	30.17	R	Apr 28	33.31	R	Jun 24	35.16	R
Oct 24	30.67	R	Jan 31, 1996	30.10	R	May 28	33.66	R	Jul 28	35.34	R
Nov 28	30.04	R	Feb 29	30.24	R	Jun 30	33.92	R	Aug 24	36.13	R
Dec 19	30.24	R	Mar 25	30.62	R	Jul 30	34.27	R	Sep 26	35.47	R
Jan 23, 1995	29.97	R									

HIGHEST	23.74	Jun 15, 1993
LOWEST	36.13	Aug 24, 1998

State well number 010N004E11C001S
Site identification number 345841116313801
Common name MANIX-2-1
Northeast of Barstow, east of Camp Cady in Mojave River channel. Drilled observation well. Diameter 2 inches, depth 120 feet, perforated 110–120 feet. Altitude of land-surface datum 1,603.44 feet. Water-level records available since 1996.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Mar 26, 1996	25.76	V	Aug 07, 1997	22.35	V	Feb 05, 1998	22.23	S

HIGHEST	22.23	Feb 05, 1998
LOWEST	25.76	Mar 26, 1996

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 010N004E11C002S
Site identification number 345841116313802
Common name MANIX-2-2
Northeast of Barstow, east of Camp Cady in Mojave River channel. Drilled observation well. Diameter 2 inches, depth 16 feet, perforated 6–16 feet. Altitude of land-surface datum 1,603.44 feet. Water-level records available since 1996.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
Mar 26, 1996	8.04	V	Aug 07, 1997		VD	Feb 05, 1998		VD

HIGHEST	8.04	Mar 26, 1996
LOWEST	8.04	Mar 26, 1996

State well number 010N004E11E001S
Site identification number 345828116321101
Common name MANIX-1-1
Northeast of Barstow, east of Camp Cady in Mojave River channel. Drilled observation well. Diameter 2 inches, depth 130 feet, perforated 120–130 feet. Altitude of land-surface datum 1,612.07 feet. Water-level records available since 1996.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
May 01, 1996	38.17	S	Aug 06, 1997	15.59	V	Feb 05, 1998	15.78	S

HIGHEST	15.59	Aug 06, 1997
LOWEST	38.17	May 01, 1996

State well number 010N004E11E002S
Site identification number 345828116321102
Common name MANIX-1-2
Northeast of Barstow, east of Camp Cady in Mojave River channel. Drilled observation well. Diameter 2 inches, depth 35 feet, perforated 25–35 feet. Altitude of land-surface datum 1,612.07 feet. Water-level records available since 1996.

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 26, 1996	16.71	V	May 01, 1996	17.11	S	Aug 06, 1997	22.07	V	Feb 05, 1998	21.38	S

HIGHEST	16.71	Mar 26, 1996
LOWEST	22.07	Aug 06, 1997

State well number 010N004E11E003S
Site identification number 345833116315901
Common name MANIX-3-1
Northeast of Barstow, east of Camp Cady in Mojave River channel. Drilled observation well. Diameter 2 inches, depth 30 feet, perforated 29–30 feet. Altitude of land-surface datum 1,607.69 feet. Water-level records available since 1996.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
May 01, 1996		VD	Aug 07, 1997		VD	Feb 05, 1998		VD

HIGHEST	—
LOWEST	—

Table E12. Water-level data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

State well number 010N004E11E004S
Site identification number 345833116315902
Common name MANIX-3-2
Northeast of Barstow, east of Camp Cady in Mojave River channel. Drilled observation well. Diameter 2 inches, depth 9 feet, perforated 8–9 feet. Altitude of land-surface datum 1,607.69 feet. Water-level records available since 1996.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS	DATE	WATER LEVEL	MS
May 01, 1996	7.29	V	Aug 07, 1997		VD	Feb 05, 1998		VD

HIGHEST	7.29	May 01, 1996
LOWEST	7.29	May 01, 1996

State well number 010N004E19M004S
Site identification number 345630116362101
Common name CAMP CADY NO 2
Northeast of Barstow at Camp Cady on Mojave River flood plain. Drilled observation well. Diameter 2 inches, depth 19 feet, perforated 9.5–19 feet. Altitude of land-surface datum 1,700 feet. Water-level records available since 1996.

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 17, 1996	8.41	S	Jan 16, 1997	8.84	S	Sep 09, 1997	10.61	V	Apr 21, 1998	8.27	V
Feb 13	8.09	S	Feb 13	8.54	S	Sep 24	10.68	V	May 07	8.34	V
Mar 19	7.67	S	Mar 11	8.25	S	Oct 09	10.63	V	Jun 02	8.86	V
Apr 17	7.56	S	Apr 03	8.14	S	Oct 21	10.55	V	Jun 10	8.98	V
May 08	8.13	S	Apr 29	8.28	S	Nov 05	10.40	V	Jun 23	9.32	V
Jun 14	9.03	S	May 15	8.78	S	Nov 20	10.13	V	Jul 09	9.88	V
Jul 18	9.80	S	May 29	9.15	S	Dec 09	9.84	V	Jul 23	10.12	V
Aug 20	10.10	S	Jun 10	9.41	S	Jan 07, 1998	9.40	V	Aug 04	10.40	V
Sep 17	10.21	S	Jun 24	9.74	S	Feb 05	9.10	V	Aug 17	10.65	V
Oct 17	10.34	S	Jul 10	10.00	S	Mar 10	8.64	V	Sep 03	10.99	V
Nov 14	9.74	S	Jul 29	10.22	V	Mar 24	8.71	V	Sep 16	10.87	V
Dec 17	9.20	S	Aug 21	10.42	V						

HIGHEST	7.56	Apr 17, 1996
LOWEST	10.99	Sep 03, 1998

Table E13. Water-quality data for monitoring sites in the Baja 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 E1. Numbering systems for sites are explained in text. S/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)
YEMBB-470	009N001E04K001S	345356116523001	07-22-93	1615	—	—
			08-12-93	1515	—	—
YEMBB-340	009N001E04K002S	345356116523002	07-22-93	1330	24.0	—
YEMBB-195	009N001E04K003S	345356116523003	07-22-93	0905	23.5	—
YEMRR-350	009N001E10Q003S	345259116514202	08-03-93	1245	24.0	—
YEMRR-200	009N001E10Q004S	345259116514203	08-03-93	1515	21.0	43.5
			08-12-93	1538	—	—
YEMRIV-340	009N001E16F002S	345224116525702	08-04-93	1730	22.0	36.0
YEMRIV-250	009N001E16F003S	345224116525703	08-04-93	1850	21.0	36.0
YEMRIV-150	009N001E16F004S	345224116525704	08-03-93	2000	20.5	—
MC2-320	009N001W12L003S	345251116560602	06-30-92	1530	23.5	28.0
			06-15-93	1530	22.2	39.5
MC2-185	009N001W12L004S	345251116560603	06-30-92	1730	21.5	28.5
			06-16-93	1215	20.0	33.3
MC2-80	009N001W12L005S	345251116560604	06-30-92	1845	20.5	20.5
			06-15-93	1015	20.0	33.0
MC3 at 640	009N001W12N004S	345242116562101	07-30-92	1300	22.5	35.6
			09-01-92	1800	24.5	—
			03-03-93	1545	19.0	18.0
MC3 at 310	009N001W12N005S	345242116562102	09-03-92	0930	20.5	—
			03-03-93	1145	21.5	19.0
MC3 at 170	009N001W12N006S	345242116562103	07-29-92	1310	20.5	40.5
			03-03-93	1315	20.0	19.0
MC3 at 80	009N001W12N007S	345242116562104	07-29-92	0940	19.5	35.0
			03-03-93	1430	20.0	19.0
Calico East-600	009N002E03G006S	345416116451601	06-03-94	1400	26.3	35.5
Calico East-490	009N002E03G007S	345416116451602	06-03-94	1715	25.4	36.0
Calico East-300	009N002E03G008S	345416116451603	06-03-94	1916	23.3	33.0
Calico East-140	009N002E03G009S	345416116451604	07-27-94	1630	25.0	44.3
Calico West-650	009N002E03K005S	345404116451801	06-28-94	1100	25.3	—
Calico West-510	009N002E03K006S	345404116451802	06-04-94	1500	—	25.0
Calico West-340	009N002E03K007S	345404116451803	06-04-94	1215	24.0	—
Calico West-210	009N002E03K008S	345404116451804	06-28-94	1500	23.9	—
Calico West-65	009N002E03K009S	345404116451805	06-28-94	1900	22.5	—
NS-2 NO 1	009N003E22R004S	345104116384001	06-16-93	1215	30.0	31.0
			12-21-93	1340	29.0	13.5
NS-2 NO 2	009N003E22R005S	345104116384002	06-17-93	1640	32.0	27.5
			12-21-93	1600	28.5	12.0
NS-2 NO 3	009N003E22R006S	345104116384003	06-15-93	1630	27.0	39.0
			12-21-93	1750	26.5	7.0
NS-2 NO 4	009N003E22R007S	345104116384004	06-15-93	1130	24.0	—
			12-21-93	1545	25.5	13.0
CALFAN-350	010N001E20M001S	345631116541401	08-02-93	2015	—	37.0
			08-12-93	1602	—	—
CALFAN-285	010N001E20M002S	345631116541402	01-23-97	1430	23.7	21.0
NS-1 at 570	010N003E27J001S	345542116383901	07-28-92	1040	29.0	37.0
			01-21-93	1120	26.0	—
NS-1 at 370	010N003E27J002S	345542116383902	07-28-92	1340	28.0	41.5
			01-21-93	1400	—	—
NS-1 at 255	010N003E27J003S	345542116383903	07-28-92	1600	27.0	48.5
			01-21-93	1600	24.5	—
NS-1 at 90	010N003E27J004S	345542116383904	07-28-92	1830	24.5	43.3
			01-21-93	1715	21.5	—
NS-1 at 45	010N003E27J005S	345542116383905	06-15-93	1140	23.5	28.5
			12-23-93	1120	23.5	13.0
MANIX-2-1	010N004E11C001S	345841116313801	03-26-96	1400	23.0	20.5
MANIX-2-2	010N004E11C002S	345841116313802	03-26-96	1300	20.5	20.5
MANIX-1-1	010N004E11E001S	345828116321101	03-27-96	0930	—	—
MANIX-1-2	010N004E11E002S	345828116321102	03-26-96	1445	21.5	24.5
			08-06-97	1600	23.0	47.6
MANIX-3-2	010N004E11E004S	345833116315902	05-01-96	1045	16.0	27.0

Table E13. Water-quality data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Date	Time	Depth below land surface (water level) (feet)	Specific conductance (µS/cm)	Oxygen, dissolved (mg/L)	pH water whole field (standard units)	ANC water unfltrd fet field (mg/L as $CaCO_3$)	Alkalinity wat dis fix end field $CaCO_3$ (mg/L)
YEMBB-470	07-22-93	1615	142.95	3,830	—	7.1	422	—
	08-12-93	1515	—	—	—	—	—	—
YEMBB-340	07-22-93	1330	142.15	631	—	7.4	—	—
YEMBB-195	07-22-93	0905	143.16	652	—	7.2	203	—
YEMRR-350	08-03-93	1245	133.12	832	—	7.2	—	170
YEMRR-200	08-03-93	1515	—	516	—	7.2	—	120
	08-12-93	1538	—	—	—	—	—	—
YEMRIV-340	08-04-93	1730	104.47	1,120	—	7.4	—	250
YEMRIV-250	08-04-93	1850	101.94	1,290	—	7.3	—	240
YEMRIV-150	08-03-93	2000	101.16	676	—	7.3	—	160
MC2-320	06-30-92	1530	23.80	3,250	—	7.5	—	40
	06-15-93	1530	7.68	3,740	—	7.4	—	25
MC2-185	06-30-92	1730	24.12	1,340	—	7.3	—	270
	06-16-93	1215	5.15	1,490	—	7.2	—	280
MC2-80	06-30-92	1845	22.42	1,340	—	7.4	—	280
	06-15-93	1015	4.57	1,790	—	7.3	—	310
MC3 at 640	07-30-92	1300	38.81	2,730	—	7.7	—	37
	09-01-92	1800	—	2,640	—	7.6	—	34
	03-03-93	1545	21.13	2,620	—	8.2	—	38
MC3 at 310	09-03-92	0930	—	689	—	7.5	—	160
	03-03-93	1145	7.61	523	—	8.2	—	150
MC3 at 170	07-29-92	1310	25.58	1,270	—	7.3	—	260
	03-03-93	1315	7.42	1,200	—	7.3	—	260
MC3 at 80	07-29-92	0940	25.20	1,370	—	7.3	—	260
	03-03-93	1430	7.02	1,130	—	7.4	—	240
Calico East-600	06-03-94	1400	101.72	611	0.6	8.0	—	120
Calico East-490	06-03-94	1715	101.85	560	2.0	7.9	—	130
Calico East-300	06-03-94	1916	98.35	451	1.6	7.7	—	150
Calico East-140	07-27-94	1630	96.85	1,120	2.8	7.1	—	210
Calico West-650	06-28-94	1100	48.62	405	—	7.8	—	110
Calico West-510	06-04-94	1500	44.80	403	2.1	7.8	—	140
Calico West-340	06-04-94	1215	45.78	404	2.8	7.8	—	140
Calico West-210	06-28-94	1500	44.32	466	—	7.8	—	160
Calico West-65	06-28-94	1900	41.07	862	—	7.8	—	130
NS-2 NO 1	06-16-93	1215	109.01	1,090	—	8.1	—	240
	12-21-93	1340	97.56	1,080	.5	8.1	—	230
NS-2 NO 2	06-17-93	1640	109.38	754	—	8.2	—	160
	12-21-93	1600	97.47	758	.4	8.3	—	160
NS-2 NO 3	06-15-93	1630	105.32	433	—	8.9	—	100
	12-21-93	1750	98.62	431	.4	8.6	—	98
NS-2 NO 4	06-15-93	1130	101.15	686	—	7.6	—	170
	12-21-93	1545	102.43	717	3.4	7.5	—	150
CALFAN-350	08-02-93	2015	250.99	2,150	—	7.7	—	260
	08-12-93	1602	—	—	—	—	—	—
CALFAN-285	01-23-97	1430	—	2,130	—	8.1	—	140
NS-1 at 570	07-28-92	1040	18.09	1,020	—	8.0	—	150
	01-21-93	1120	14.46	1,010	—	8.0	—	150
NS-1 at 370	07-28-92	1340	22.04	411	—	8.6	—	110
	01-21-93	1400	18.30	419	—	8.6	—	120
NS-1 at 255	07-28-92	1600	34.71	398	—	8.0	—	85
	01-21-93	1600	28.45	392	—	8.2	—	87
NS-1 at 90	07-28-92	1830	33.93	513	—	7.6	—	180
	01-21-93	1715	30.09	500	—	7.6	—	180
NS-1 at 45	06-15-93	1140	23.74	1,600	—	7.3	—	200
	12-23-93	1120	28.37	2,280	2.7	7.2	—	260
MANIX-2-1	03-26-96	1400	25.76	53,300	—	8.4	—	—
MANIX-2-2	03-26-96	1300	8.04	14,800	—	7.7	—	—
MANIX-1-1	03-27-96	0930	—	27,700	—	7.7	—	—
MANIX-1-2	03-26-96	1445	16.71	15,600	—	7.6	—	—
	08-06-97	1600	22.07	18,200	—	7.7	—	210
MANIX-3-2	05-01-96	1045	7.30	3,830	—	7.6	—	—

Table E13. Water-quality data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Date	Time	Alkalinity wat dis tot it field (mg/L as $CaCO_3$)	Carbonate wat.dis fet field CO_3 (mg/L)	Carbonate water dis it field (mg/L as CO_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)
YEMBB-470	07-22-93	1615	—	—	—	0.070	0.030	0.40	0.940
	08-12-93	1515	—	—	—	—	—	—	—
YEMBB-340	07-22-93	1330	—	—	—	.030	.010	<.20	.430
YEMBB-195	07-22-93	0905	—	—	—	.030	.030	<.20	.100
YEMRR-350	08-03-93	1245	174	—	—	.030	.010	<.20	1.60
YEMRR-200	08-03-93	1515	124	—	—	.030	<.010	<.20	2.10
	08-12-93	1538	—	—	—	—	—	—	—
YEMRIV-340	08-04-93	1730	244	—	—	.020	.010	<.20	1.90
YEMRIV-250	08-04-93	1850	246	—	—	.020	.010	<.20	2.70
YEMRIV-150	08-03-93	2000	157	—	—	.010	.050	<.20	1.40
MC2-320	06-30-92	1530	41	—	—	.070	.130	.30	.300
	06-15-93	1530	23	—	—	.040	<.010	<.20	<.050
MC2-185	06-30-92	1730	271	—	—	.030	.040	<.20	1.50
	06-16-93	1215	281	—	—	.020	<.010	<.20	1.50
MC2-80	06-30-92	1845	281	—	—	.030	.030	<.20	.640
	06-15-93	1015	307	—	—	.020	<.010	<.20	.840
MC3 at 640	07-30-92	1300	32	—	—	.060	.020	<.20	.200
	09-01-92	1800	34	—	—	.020	.010	<.20	.230
	03-03-93	1545	39	—	—	.030	.010	<.20	.110
MC3 at 310	09-03-92	0930	163	—	—	.020	.040	<.20	.690
	03-03-93	1145	145	—	—	<.010	.010	<.20	.180
MC3 at 170	07-29-92	1310	255	—	—	.050	.050	<.20	2.70
	03-03-93	1315	254	—	—	<.010	.020	<.20	2.40
MC3 at 80	07-29-92	0940	260	—	—	.050	.030	<.20	3.10
	03-03-93	1430	241	—	—	<.010	.010	<.20	2.30
Calico East-600	06-03-94	1400	121	—	—	.390	<.100	.40	<.050
Calico East-490	06-03-94	1715	127	—	—	.010	<.010	<.20	.290
Calico East-300	06-03-94	1916	150	—	—	.020	<.010	<.20	.450
Calico East-140	07-27-94	1630	208	—	—	.030	.030	<.20	3.40
Calico West-650	06-28-94	1100	111	—	—	.020	<.010	<.20	.240
Calico West-510	06-04-94	1500	143	—	—	.010	<.010	<.20	.300
Calico West-340	06-04-94	1215	142	—	—	<.010	<.010	<.20	.240
Calico West-210	06-28-94	1500	164	—	—	.020	<.010	<.20	.290
Calico West-65	06-28-94	1900	128	—	—	.030	<.010	<.20	4.50
NS-2 NO 1	06-16-93	1215	237	—	—	.100	<.010	<.20	<.050
	12-21-93	1340	235	—	—	.110	<.010	<.20	<.050
NS-2 NO 2	06-17-93	1640	157	—	—	.080	<.010	<.20	<.050
	12-21-93	1600	158	—	—	.070	<.010	<.20	<.050
NS-2 NO 3	06-15-93	1630	102	—	—	.090	<.010	<.20	<.050
	12-21-93	1750	97	—	—	.050	<.010	.30	<.050
NS-2 NO 4	06-15-93	1130	166	—	—	.020	<.010	<.20	.310
	12-21-93	1545	151	—	—	.010	<.010	<.20	.350
CALFAN-350	08-02-93	2015	262	—	—	.050	.010	<.20	1.20
	08-12-93	1602	—	—	—	—	—	—	—
CALFAN-285	01-23-97	1430	136	—	—	<.015	.020	<.20	1.10
NS-1 at 570	07-28-92	1040	153	—	—	1.40	<.010	1.7	<.050
	01-21-93	1120	153	—	—	1.50	.020	1.4	<.050
NS-1 at 370	07-28-92	1340	107	—	—	.040	<.010	<0.20	<.050
	01-21-93	1400	118	1.0	1	.070	.020	<.20	<.050
NS-1 at 255	07-28-92	1600	85	—	—	.060	<.010	<.20	<.050
	01-21-93	1600	88	—	—	.090	.020	<.20	<.050
NS-1 at 90	07-28-92	1830	175	—	—	<.010	<.010	<.20	.340
	01-21-93	1715	178	—	—	.010	.010	<.20	.400
NS-1 at 45	06-15-93	1140	205	—	—	.030	.030	<.20	9.00
	12-23-93	1120	260	—	—	.020	<.010	<.20	11.0
MANIX-2-1	03-26-96	1400	130	—	—	1.50	<.010	1.4	<.050
MANIX-2-2	03-26-96	1300	202	—	—	.190	<.010	.40	<.050
MANIX-1-1	03-27-96	0930	77	—	—	.510	<.010	.60	<.050
MANIX-1-2	03-26-96	1445	116	—	—	.280	<.010	.30	<.050
	08-06-97	1600	—	—	—	.101	<.010	<.20	.079
MANIX-3-2	05-01-96	1045	—	—	—	—	—	—	—

Table E13. Water-quality data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Date	Time	Phosphorus dissolved (mg/L as P)	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)
YEMBB-470	07-22-93	1615	0.780	3.30	100	86	640	11
	08-12-93	1515	—	—	—	—	—	—
YEMBB-340	07-22-93	1330	.660	3.70	24	3.9	110	3.0
YEMBB-195	07-22-93	0905	1.90	.900	31	7.0	100	2.9
YEMRR-350	08-03-93	1245	4.60	1.70	63	12	100	3.4
YEMRR-200	08-03-93	1515	4.30	1.20	37	7.4	62	2.9
	08-12-93	1538	—	—	—	—	—	—
YEMRIV-340	08-04-93	1730	.050	.040	110	20	120	4.1
YEMRIV-250	08-04-93	1850	.240	.150	120	21	150	4.0
YEMRIV-150	08-03-93	2000	2.50	1.40	38	7.8	100	3.2
MC2-320	06-30-92	1530	7.00	4.00	150	5.3	620	6.6
	06-15-93	1530	3.90	3.50	180	3.6	640	4.7
MC2-185	06-30-92	1730	.440	.240	140	25	150	4.8
	06-16-93	1215	.030	.040	140	25	140	4.2
MC2-80	06-30-92	1845	.330	.180	140	19	150	5.0
	06-15-93	1015	.040	.050	180	23	170	5.3
MC3 at 640	07-30-92	1300	3.40	1.10	86	5.5	490	5.2
	09-01-92	1800	4.40	1.50	79	5.7	480	4.6
	03-03-93	1545	.910	.560	88	5.0	490	5.0
MC3 at 310	09-03-92	0930	10.0	2.80	7.9	3.3	140	2.9
	03-03-93	1145	2.70	2.10	9.7	2.6	100	2.4
MC3 at 170	07-29-92	1310	1.00	.550	120	20	120	4.3
	03-03-93	1315	.040	.040	120	22	110	3.9
MC3 at 80	07-29-92	0940	2.60	1.10	100	17	160	4.1
	03-03-93	1430	.600	.560	93	16	130	3.6
Calico East-600	06-03-94	1400	<.010	.020	22	2.4	100	2.7
Calico East-490	06-03-94	1715	1.00	.910	20	3.2	92	2.7
Calico East-300	06-03-94	1916	.570	.540	35	5.2	55	1.5
Calico East-140	07-27-94	1630	27.0	24.0	35	8.3	200	3.8
Calico West-650	06-28-94	1100	<.010	<.010	24	2.5	55	1.8
Calico West-510	06-04-94	1500	.460	.490	23	2.8	61	1.8
Calico West-340	06-04-94	1215	1.90	1.80	27	3.3	57	1.6
Calico West-210	06-28-94	1500	3.90	3.20	24	3.6	71	1.6
Calico West-65	06-28-94	1900	1.60	1.10	57	8.9	110	2.3
NS-2 NO 1	06-16-93	1215	1.50	1.10	8.3	1.8	220	6.2
	12-21-93	1340	.720	.720	8.4	1.7	220	6.4
NS-2 NO 2	06-17-93	1640	1.90	1.80	5.9	1.0	150	3.2
	12-21-93	1600	.660	.700	6.4	.99	150	3.4
NS-2 NO 3	06-15-93	1630	.120	.130	6.9	.34	85	.90
	12-21-93	1750	.050	.050	7.2	.31	84	.80
NS-2 NO 4	06-15-93	1130	6.10	5.60	29	6.5	110	3.5
	12-21-93	1545	3.20	3.40	33	5.6	110	2.9
CALFAN-350	08-02-93	2015	1.90	1.20	29	12	480	8.3
	08-12-93	1602	—	—	—	—	—	—
CALFAN-285	01-23-97	1430	2.00	1.80	20	5.7	430	4.7
NS-1 at 570	07-28-92	1040	<.010	.020	24	1.6	180	1.7
	01-21-93	1120	.020	.030	22	1.7	170	2.1
NS-1 at 370	07-28-92	1340	.060	.060	4.6	.25	84	.70
	01-21-93	1400	.050	.050	4.2	.23	82	.80
NS-1 at 255	07-28-92	1600	.040	.040	15	1.3	65	1.1
	01-21-93	1600	.020	.020	15	1.3	63	1.3
NS-1 at 90	07-28-92	1830	.790	.680	32	5.3	70	1.4
	01-21-93	1715	.120	.120	34	5.4	60	1.5
NS-1 at 45	06-15-93	1140	.010	.020	150	23	150	2.1
	12-23-93	1120	<.010	.030	240	40	230	3.0
MANIX-2-1	03-26-96	1400	.020	<.010	870	120	13,000	100
MANIX-2-2	03-26-96	1300	.080	.070	440	52	3,100	51
MANIX-1-1	03-27-96	0930	.060	.070	640	78	5,300	53
MANIX-1-2	03-26-96	1445	.040	.040	440	32	3,600	28
	08-06-97	1600	.035	.056	470	36	4,040	32
MANIX-3-2	05-01-96	1045	—	—	—	—	—	—

Table E13. Water-quality data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Date	Time	Chloride, dissolved (mg/L as Cl)	Sulfate dissolved (mg/L as SO_4)	Fluoride, dissolved (mg/L as F)	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)
YEMBB-470	07-22-93	1615	490	960	0.40	34	2,530	0.220	0.92
	08-12-93	1515	160	—	—	—	—	—	.29
YEMBB-340	07-22-93	1330	56	75	.70	33	423	.004	.13
YEMBB-195	07-22-93	0905	—	72	.60	30	—	.004	.52
YEMRR-350	08-03-93	1245	81	130	.60	27	545	.003	.17
YEMRR-200	08-03-93	1515	33	70	.50	25	329	.002	.11
	08-12-93	1538	150	—	—	—	—	—	.36
YEMRIV-340	08-04-93	1730	130	180	.50	25	750	.014	.26
YEMRIV-250	08-04-93	1850	170	210	.50	27	866	.013	.34
YEMRIV-150	08-03-93	2000	62	93	.60	25	418	.006	.15
MC2-320	06-30-92	1530	480	940	1.2	19	2,370	.210	1.2
	06-15-93	1530	540	1,100	1.1	14	2,520	.170	.79
MC2-185	06-30-92	1730	140	300	.60	25	950	.026	.22
	06-16-93	1215	130	320	.60	25	994	.024	.21
MC2-80	06-30-92	1845	120	320	.60	18	968	.020	.23
	06-15-93	1015	150	440	.80	18	1,230	.013	.24
MC3 at 640	07-30-92	1300	330	780	1.6	22	1,760	1.4	.23
	09-01-92	1800	320	750	1.6	21	1,820	.720	.090
	03-03-93	1545	310	760	1.3	21	1,790	1.3	.20
MC3 at 310	09-03-92	0930	56	90	1.0	31	459	.016	.10
	03-03-93	1145	38	60	1.2	24	333	.025	.070
MC3 at 170	07-29-92	1310	130	210	.50	24	790	.027	.21
	03-03-93	1315	120	230	.40	24	808	.024	.19
MC3 at 80	07-29-92	0940	150	200	.60	26	862	.032	.25
	03-03-93	1430	110	190	.50	26	732	.014	.20
Calico East-600	06-03-94	1400	47	89	.70	23	352	.039	.10
Calico East-490	06-03-94	1715	48	63	.50	34	365	.008	.11
Calico East-300	06-03-94	1916	21	36	.50	27	281	.002	.060
Calico East-140	07-27-94	1630	65	190	.40	42	725	.012	.13
Calico West-650	06-28-94	1100	22	31	.40	29	237	.002	.050
Calico West-510	06-04-94	1500	21	32	.40	29	261	.002	.060
Calico West-340	06-04-94	1215	17	26	.40	28	249	.002	.050
Calico West-210	06-28-94	1500	20	35	.40	31	274	.002	.060
Calico West-65	06-28-94	1900	34	210	.40	28	547	.005	.10
NS-2 NO 1	06-16-93	1215	140	67	5.6	86	696	.100	.15
	12-21-93	1340	140	63	5.2	95	700	.150	.080
NS-2 NO 2	06-17-93	1640	100	61	1.5	80	504	.062	.10
	12-21-93	1600	98	60	1.3	86	504	.056	.12
NS-2 NO 3	06-15-93	1630	45	40	.90	25	264	.037	.050
	12-21-93	1750	43	39	.80	27	264	.032	.070
NS-2 NO 4	06-15-93	1130	68	78	.60	36	436	.011	.13
	12-21-93	1545	70	77	.30	38	438	.008	.15
CALFAN-350	08-02-93	2015	230	490	2.3	56	1,460	.061	.29
	08-12-93	1602	250	—	—	—	—	—	.29
CALFAN-285	01-23-97	1430	250	450	2.9	45	1,370	.027	.69
NS-1 at 570	07-28-92	1040	200	46	.80	25	536	.059	.14
	01-21-93	1120	190	44	.80	25	532	.140	.040
NS-1 at 370	07-28-92	1340	36	34	1.3	25	244	.038	.060
	01-21-93	1400	33	30	1.5	24	230	.039	.040
NS-1 at 255	07-28-92	1600	42	40	.90	25	234	.026	.070
	01-21-93	1600	39	37	.80	25	231	.026	.060
NS-1 at 90	07-28-92	1830	28	44	.50	27	310	.010	.070
	01-21-93	1715	24	41	.40	27	296	.002	.070
NS-1 at 45	06-15-93	1140	150	370	.30	30	1,110	.010	.32
	12-23-93	1120	210	640	.20	34	1,670	.011	.46
MANIX-2-1	03-26-96	1400	17,000	6,100	2.3	8.7	38,300	1.8	7.3
MANIX-2-2	03-26-96	1300	2,200	4,900	2.1	21	11,400	.110	2.4
MANIX-1-1	03-27-96	0930	7,300	4,800	2.8	18	19,900	.900	3.6
MANIX-1-2	03-26-96	1445	1,900	6,200	3.1	51	12,700	.290	1.2
	08-06-97	1600	2,200	7,100	3.0	<.10	14,900	.268	1.3
MANIX-3-2	05-01-96	1045	—	—	—	—	—	—	—

Table E13. Water-quality data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Date	Time	Arsenic dissolved (µg/L as As)	Barium, dissolved (µg/L as Ba)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Manganese, dissolved (µg/L as Mn)	Strontium, dissolved (µg/L as Sr)
YEMBB-470	07-22-93	1615	4	100	8,200	30	10	10,000
	08-12-93	1515	—	—	910	—	—	—
YEMBB-340	07-22-93	1330	26	12	1,400	150	71	550
YEMBB-195	07-22-93	0905	16	24	390	310	53	520
YEMRR-350	08-03-93	1245	13	71	280	58	43	850
YEMRR-200	08-03-93	1515	6	37	180	120	27	470
	08-12-93	1538	—	—	5,800	—	—	—
YEMRIV-340	08-04-93	1730	2	58	400	<3.0	12	1,300
YEMRIV-250	08-04-93	1850	2	71	660	4.0	13	1,300
YEMRIV-150	08-03-93	2000	7	44	330	91	37	480
MC2-320	06-30-92	1530	28	<100	2,200	530	80	—
	06-15-93	1530	15	<100	2,300	20	100	9,100
MC2-185	06-30-92	1730	15	57	370	5.0	19	—
	06-16-93	1215	2	64	380	<3.0	9.0	1,600
MC2-80	06-30-92	1845	2	77	400	<3.0	15	—
	06-15-93	1015	2	110	450	<3.0	6.0	1,600
MC3 at 640	07-30-92	1300	31	<100	370	60	90	1,500
	09-01-92	1800	32	<100	2,700	220	90	1,500
	03-03-93	1545	28	<100	2,700	40	140	1,500
MC3 at 310	09-03-92	0930	69	6.0	600	400	88	190
	03-03-93	1145	68	9.0	910	56	19	290
MC3 at 170	07-29-92	1310	6	74	450	<3.0	22	1,300
	03-03-93	1315	2	94	450	<3.0	4.0	1,300
MC3 at 80	07-29-92	0940	8	56	640	55	30	1,100
	03-03-93	1430	3	63	520	5.0	14	1,000
Calico East-600	06-03-94	1400	6	44	2,000	4.0	35	710
Calico East-490	06-03-94	1715	19	38	600	26	22	620
Calico East-300	06-03-94	1916	3	79	150	<3.0	<1.0	400
Calico East-140	07-27-94	1630	87	6.0	310	60	60	560
Calico West-650	06-28-94	1100	—	120	190	<3.0	<1.0	310
Calico West-510	06-04-94	1500	5	86	180	<3.0	4.0	290
Calico West-340	06-04-94	1215	7	74	130	20	<1.0	340
Calico West-210	06-28-94	1500	—	40	120	27	22	320
Calico West-65	06-28-94	1900	—	41	210	10	12	690
NS-2 NO 1	06-16-93	1215	75	17	3,400	23	65	160
	12-21-93	1340	71	17	3,300	28	48	150
NS-2 NO 2	06-17-93	1640	35	7.0	920	10	51	110
	12-21-93	1600	37	9.0	910	5.0	39	120
NS-2 NO 3	06-15-93	1630	<1	22	590	6.0	10	130
	12-21-93	1750	<1	26	580	<3.0	10	130
NS-2 NO 4	06-15-93	1130	17	13	590	42	120	570
	12-21-93	1545	21	45	550	<3.0	10	550
CALFAN-350	08-02-93	2015	61	<100	3,800	<10	60	1,100
	08-12-93	1602	—	—	4,100	—	—	—
CALFAN-285	01-23-97	1430	100	16	3,920	<9.0	20	1,000
NS-1 at 570	07-28-92	1040	1	270	1,400	11	36	850
	01-21-93	1120	2	220	1,500	17	43	760
NS-1 at 370	07-28-92	1340	1	18	660	5.0	5.0	89
	01-21-93	1400	<1	19	670	<3.0	5.0	85
NS-1 at 255	07-28-92	1600	1	52	450	9.0	8.0	310
	01-21-93	1600	<1	53	430	5.0	4.0	300
NS-1 at 90	07-28-92	1830	7	83	170	<3.0	10	500
	01-21-93	1715	3	120	150	<3.0	1.0	520
NS-1 at 45	06-15-93	1140	<1	25	360	6.0	16	1,500
	12-23-93	1120	1	<100	550	20	20	2,700
MANIX-2-1	03-26-96	1400	9	<100	81,000	<10	550	20,000
MANIX-2-2	03-26-96	1300	12	<100	25,000	<10	410	6,900
MANIX-1-1	03-27-96	0930	88	<100	43,000	<10	400	14,000
MANIX-1-2	03-26-96	1445	91	<100	26,000	10	410	7,900
	08-06-97	1600	87	14	32,600	92	430	9,560
MANIX-3-2	05-01-96	1045	—	—	—	—	—	—

Table E13. Water-quality data for monitoring sites in the Baja subarea of the Mojave River ground-water basin, San Bernardino County, California—Continued

Common name	Date	Time	Lithium, dissolved (µg/L as Li)	$^{2}H/^{1}H$ stable isotope (ratio per mil)	$^{18}O/^{16}O$ stable isotope (ratio per mil)	Tritium in water molecules (TU)	Tritium water molecules count error (TU)	$^{13}C/^{12}C$ stable isotope (ratio per mil)	Carbon 14 (percent modern)
YEMBB-470	07-22-93	1615	—	–80.2	–10.29	—	—	0.10	0.99
	08-12-93	1515	—	–73.9	–9.50	—	—	—	—
YEMBB-340	07-22-93	1330	—	–61.9	–8.66	—	—	–11.90	82.0
YEMBB-195	07-22-93	0905	—	–60.2	–8.64	—	—	–11.10	89.4
YEMRR-350	08-03-93	1245	—	–58.5	–8.40	—	—	–11.50	108
YEMRR-200	08-03-93	1515	—	-58.0	–8.46	—	—	–11.00	92.8
	08-12-93	1538	—	–61.7	–8.44	—	—	—	—
YEMRIV-340	08-04-93	1730	—	–60.6	–8.23	—	—	–12.40	95.0
YEMRIV-250	08-04-93	1850	—	–58.2	–7.93	—	—	–12.90	91.2
YEMRIV-150	08-03-93	2000	—	–59.0	–8.26	—	—	–11.80	104
MC2-320	06-30-92	1530	—	–82.5	–10.15	0.7	0.1	—	—
	06-15-93	1530	—	–85.0	–10.44	—	—	—	—
MC2-185	06-30-92	1730	—	–59.5	–8.30	4.9	.3	—	—
	06-16-93	1215	—	–59.7	–8.42	—	—	—	—
MC2-80	06-30-92	1845	—	–58.5	–8.30	5.4	.4	—	—
	06-15-93	1015	—	–60.0	–8.37	—	—	—	—
MC3 at 640	07-30-92	1300	—	—	—	—	—	—	—
	09-01-92	1800	150	–80.0	–10.40	.2	.2	—	11.8
	03-03-93	1545	—	–81.0	–10.46	.2	.1	—	—
MC3 at 310	09-03-92	0930	35	–61.5	–8.80	1.2	.2	—	52.6
	03-03-93	1145	—	–63.8	–9.11	.2	.1	—	—
MC3 at 170	07-29-92	1310	—	—	—	6.3	.3	—	—
	03-03-93	1315	—	–60.1	–8.36	6.0	.2	—	—
MC3 at 80	07-29-92	0940	—	—	—	6.0	.4	—	—
	03-03-93	1430	—	–61.1	–8.28	8.0	.3	—	—
Calico East-600	06-03-94	1400	45	–63.6	–8.74	—	—	—	—
Calico East-490	06-03-94	1715	48	–62.6	–8.67	.1	.2	—	—
Calico East-300	06-03-94	1916	12	–60.1	–8.55	<.1	.2	—	—
Calico East-140	07-27-94	1630	—	–60.9	–8.42	2.9	.2	—	—
Calico West-650	06-28-94	1100	—	–59.8	–8.50	—	—	—	—
Calico West-510	06-04-94	1500	11	–60.3	–8.45	—	—	—	—
Calico West-340	06-04-94	1215	11	–59.8	–8.51	—	—	—	—
Calico West-210	06-28-94	1500	—	–59.8	–8.52	—	—	—	—
Calico West-65	06-28-94	1900	—	–62.1	–8.78	—	—	—	—
NS-2 NO 1	06-16-93	1215	—	–77.2	–10.54	—	—	–8.40	1.0
	12-21-93	1340	54	–77.3	–10.39	—	—	—	—
NS-2 NO 2	06-17-93	1640	—	–70.5	–9.97	—	—	–9.20	4.0
	12-21-93	1600	30	–71.8	–9.77	—	—	—	—
NS-2 NO 3	06-15-93	1630	—	–65.2	–9.12	—	—	–9.80	33.9
	12-21-93	1750	18	–63.8	–8.99	—	—	—	—
NS-2 NO 4	06-15-93	1130	—	–60.0	–8.57	—	—	–10.30	11.4
	12-21-93	1545	22	–59.3	–8.38	—	—	—	—
CALFAN-350	08-02-93	2015	—	–90.6	–11.00	—	—	–7.10	7.9
	08-12-93	1602	—	–92.8	–11.34	—	—	—	—
CALFAN-285	01-23-97	1430	560	–93.4	–11.13	<.1	.2	—	—
NS-1 at 570	07-28-92	1040	—	–65.5	–9.05	.3	.1	—	—
	01-21-93	1120	—	–63.9	–9.09	.0	.1	–10.90	21.6
NS-1 at 370	07-28-92	1340	—	–66.5	–9.25	.2	.1	—	—
	01-21-93	1400	—	–65.4	–9.37	.1	.1	–8.70	3.1
NS-1 at 255	07-28-92	1600	—	–61.5	–8.70	.0	.1	—	—
	01-21-93	1600	—	–61.7	–8.72	—	—	—	—
NS-1 at 90	07-28-92	1830	—	–61.0	–8.70	.3	.1	—	—
	01-21-93	1715	—	–61.6	–8.73	—	—	—	—
NS-1 at 45	06-15-93	1140	—	–59.7	–8.60	—	—	—	—
	12-23-93	1120	50	–60.4	–8.39	—	—	—	—
MANIX-2-1	03-26-96	1400	24,000	–55.1	–4.86	—	—	—	—
MANIX-2-2	03-26-96	1300	3,700	–60.5	–7.94	—	—	—	—
MANIX-1-1	03-27-96	0930	9,500	–60.0	–6.75	—	—	—	—
MANIX-1-2	03-26-96	1445	4,800	–60.3	–7.32	—	—	—	—
	08-06-97	1600	4,700	–58.0	–7.26	—	—	—	—
MANIX-3-2	05-01-96	1045	—	–64.8	–8.73	—	—	—	—