

Appendix 2. Location of time-domain electromagnetic soundings, electrodes along direct-resistivity lines, and additional surveyed features.

Appendix 2–1. Location of time-domain electromagnetic (TDEM) soundings near the Gran Quivira Unit of Salinas Pueblo Missions National Monument.

[Coordinate system: Universal Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988; TDEM, time-domain electromagnetic]

Sounding identifier (fig.1)	Easting (meters)	Northing (meters)	Elevation (meters)
TDEM 1	397,519.27	3,790,519.85	1,924.7
TDEM 2	397,823.11	3,790,573.58	1,920.2
TDEM 3	398,261.40	3,790,629.06	1,919.3
TDEM 4	399,095.36	3,791,121.32	1,950.3
TDEM 5	399,450.69	3,791,535.46	1,985.5

Appendix 2-2. Location of each direct-current resistivity electrode along line 1 within the Gran Quivira Unit of Salinas Pueblo Missions National Monument.

[Coordinate system: Universe Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Electrode identifier	Easting (meters)	Northing (meters)	Elevation (meters)
Electrode 1	399,477.19	3,791,453.55	1,985.0
Electrode 2	399,477.22	3,791,455.45	1,985.8
Electrode 3	399,477.24	3,791,457.47	1,984.9
Electrode 4	399,477.11	3,791,459.45	1,984.9
Electrode 5	399,477.09	3,791,461.44	1,985.0
Electrode 6	399,477.08	3,791,463.41	1,985.2
Electrode 7	399,477.00	3,791,465.40	1,985.2
Electrode 8	399,477.03	3,791,467.39	1,985.3
Electrode 9	399,476.98	3,791,469.46	1,985.4
Electrode 10	399,476.95	3,791,471.41	1,985.5
Electrode 11	399,476.99	3,791,473.40	1,985.5
Electrode 12	399,476.96	3,791,475.41	1,985.6
Electrode 13	399,476.91	3,791,477.39	1,985.6
Electrode 14	399,476.86	3,791,479.37	1,985.6
Electrode 15	399,476.84	3,791,481.42	1,985.7
Electrode 16	399,476.85	3,791,483.38	1,985.8
Electrode 17	399,476.80	3,791,485.38	1,985.9
Electrode 18	399,476.75	3,791,487.37	1,986.0
Electrode 19	399,476.80	3,791,489.38	1,986.1
Electrode 20	399,476.70	3,791,491.35	1,986.2
Electrode 21	399,476.67	3,791,493.35	1,986.3
Electrode 22	399,476.67	3,791,495.38	1,986.4
Electrode 23	399,476.64	3,791,497.39	1,986.4
Electrode 24	399,476.62	3,791,499.39	1,986.5
Electrode 25	399,476.63	3,791,501.37	1,986.5
Electrode 26	399,476.63	3,791,503.39	1,986.4
Electrode 27	399,476.62	3,791,505.37	1,986.4
Electrode 28	399,476.62	3,791,507.38	1,986.4
Electrode 29	399,476.64	3,791,509.37	1,986.5
Electrode 30	399,476.65	3,791,511.42	1,986.5

Appendix 2–2. Location of each direct-current resistivity electrode along line 1 within the Gran Quivira Unit of Salinas Pueblo Missions National Monument.—Continued

[Coordinate system: Universe Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Electrode identifier	Easting (meters)	Northing (meters)	Elevation (meters)
Electrode 31	399,476.62	3,791,513.37	1,986.5
Electrode 32	399,476.57	3,791,515.36	1,986.5
Electrode 33	399,476.58	3,791,517.39	1,986.5
Electrode 34	399,476.58	3,791,519.38	1,986.5
Electrode 35	399,476.61	3,791,521.37	1,986.5
Electrode 36	399,476.55	3,791,523.40	1,986.6
Electrode 37	399,476.37	3,791,525.37	1,986.5
Electrode 38	399,476.42	3,791,527.44	1,986.4
Electrode 39	399,476.52	3,791,529.33	1,986.4
Electrode 41	399,476.47	3,791,533.34	1,986.1
Electrode 42	399,476.50	3,791,535.29	1,985.7
Electrode 43	399,476.49	3,791,537.27	1,985.7
Electrode 44	399,476.37	3,791,539.27	1,986.2
Electrode 45	399,476.46	3,791,541.26	1,986.3
Electrode 46	399,476.47	3,791,543.25	1,986.3
Electrode 47	399,476.43	3,791,545.26	1,986.4
Electrode 48	399,476.42	3,791,547.32	1,986.3
Electrode 49	399,476.47	3,791,549.35	1,986.2
Electrode 50	399,476.55	3,791,551.27	1,986.5
Electrode 51	399,476.65	3,791,553.15	1,986.4
Electrode 52	399,476.53	3,791,555.27	1,987.4
Electrode 53	399,476.52	3,791,557.23	1,987.3
Electrode 54	399,476.52	3,791,559.16	1,987.2
Electrode 55	399,476.39	3,791,561.20	1,987.1
Electrode 56	399,476.37	3,791,563.10	1,987.2
Electrode 57	399,476.32	3,791,565.18	1,987.0
Electrode 58	399,476.17	3,791,567.16	1,986.7
Electrode 59	399,476.13	3,791,569.26	1,986.7
Electrode 60	399,476.04	3,791,571.12	1,986.2
Electrode 61	399,475.91	3,791,573.07	1,985.7

Appendix 2–2. Location of each direct-current resistivity electrode along line 1 within the Gran Quivira Unit of Salinas Pueblo Missions National Monument.—Continued

[Coordinate system: Universe Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Electrode identifier	Easting (meters)	Northing (meters)	Elevation (meters)
Electrode 62	399,475.82	3,791,575.15	1,985.4
Electrode 63	399,475.66	3,791,577.00	1,984.8
Electrode 64	399,475.51	3,791,579.07	1,984.7
Electrode 65	399,475.52	3,791,581.07	1,984.6
Electrode 66	399,475.56	3,791,583.03	1,984.4
Electrode 67	399,475.38	3,791,585.07	1,984.3
Electrode 68	399,475.40	3,791,587.03	1,984.2
Electrode 69	399,475.35	3,791,589.08	1,984.2
Electrode 70	399,475.28	3,791,591.05	1,984.2
Electrode 71	399,475.25	3,791,593.03	1,984.0
Electrode 72	399,475.23	3,791,595.04	1,983.8

Appendix 2–3. Location of each direct-current resistivity electrode along line 2 within the Gran Quivira Unit of Salinas Pueblo Missions National Monument.

[Coordinate system: Universal Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Electrode identifier	Easting (meters)	Northing (meters)	Elevation (meters)
Electrode 1	399,564.46	3,791,451.70	1978.1
Electrode 2	399,564.27	3,791,453.76	1978.2
Electrode 3	399,564.25	3,791,455.60	1978.6
Electrode 4	399,564.05	3,791,457.69	1978.9
Electrode 5	399,563.84	3,791,459.55	1979.1
Electrode 6	399,563.41	3,791,461.47	1979.3
Electrode 7	399,563.14	3,791,463.46	1979.5
Electrode 8	399,562.91	3,791,465.35	1979.8
Electrode 9	399,562.81	3,791,467.32	1980.1
Electrode 10	399,562.67	3,791,469.36	1980.3
Electrode 11	399,562.38	3,791,471.32	1980.7
Electrode 12	399,562.23	3,791,473.04	1981.0
Electrode 13	399,562.22	3,791,475.07	1981.4
Electrode 14	399,562.09	3,791,477.20	1981.7
Electrode 15	399,562.07	3,791,478.96	1982.1
Electrode 16	399,561.90	3,791,480.94	1982.3
Electrode 17	399,561.77	3,791,482.95	1982.6
Electrode 18	399,561.68	3,791,485.02	1982.8
Electrode 19	399,561.37	3,791,486.88	1983.2
Electrode 20	399,561.33	3,791,489.07	1983.2
Electrode 21	399,561.16	3,791,490.80	1983.4
Electrode 22	399,561.00	3,791,492.83	1983.7
Electrode 23	399,560.87	3,791,494.78	1984.1
Electrode 24	399,560.67	3,791,496.75	1984.2
Electrode 25	399,560.42	3,791,498.77	1984.3
Electrode 26	399,560.17	3,791,500.68	1984.4
Electrode 27	399,560.01	3,791,502.63	1984.9
Electrode 28	399,559.76	3,791,504.59	1985.5
Electrode 29	399,559.67	3,791,506.20	1986.4
Electrode 30	399,559.46	3,791,508.04	1987.2

Appendix 2–3. Location of each direct-current resistivity electrode along line 2 within the Gran Quivira Unit of Salinas Pueblo Missions National Monument.—Continued

[Coordinate system: Universal Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Electrode identifier	Easting (meters)	Northing (meters)	Elevation (meters)
Electrode 31	399,559.14	3,791,510.05	1987.4
Electrode 32	399,558.73	3,791,511.96	1987.8
Electrode 33	399,558.31	3,791,513.89	1987.7
Electrode 34	399,557.97	3,791,515.88	1987.8
Electrode 35	399,557.51	3,791,517.78	1987.6
Electrode 36	399,557.06	3,791,519.74	1988.0
Electrode 37	399,556.68	3,791,521.60	1987.5
Electrode 38	399,556.35	3,791,523.56	1987.5
Electrode 39	399,555.92	3,791,525.51	1987.6
Electrode 40	399,555.49	3,791,527.44	1987.7
Electrode 41	399,555.13	3,791,529.40	1987.8
Electrode 42	399,554.84	3,791,531.35	1988.1
Electrode 43	399,554.55	3,791,533.32	1988.3
Electrode 44	399,554.24	3,791,535.27	1988.6
Electrode 45	399,553.83	3,791,537.20	1988.7
Electrode 46	399,553.45	3,791,539.14	1988.8
Electrode 47	399,553.07	3,791,541.11	1988.8
Electrode 48	399,552.76	3,791,543.10	1988.8
Electrode 49	399,552.44	3,791,545.07	1988.7
Electrode 50	399,552.13	3,791,547.03	1988.7
Electrode 51	399,551.77	3,791,548.98	1988.6
Electrode 52	399,551.48	3,791,550.96	1988.5
Electrode 53	399,551.14	3,791,552.96	1988.5
Electrode 54	399,550.82	3,791,554.87	1988.1
Electrode 55	399,550.46	3,791,556.84	1988.0
Electrode 56	399,550.10	3,791,558.84	1987.9
Electrode 57	399,549.80	3,791,560.77	1987.8
Electrode 58	399,549.46	3,791,562.74	1987.6
Electrode 59	399,549.09	3,791,564.67	1987.4
Electrode 60	399,548.75	3,791,566.62	1987.2

Appendix 2–3. Location of each direct-current resistivity electrode along line 2 within the Gran Quivira Unit of Salinas Pueblo Missions National Monument.—Continued

[Coordinate system: Universal Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Electrode identifier	Easting (meters)	Northing (meters)	Elevation (meters)
Electrode 61	399,548.42	3,791,568.57	1987.1
Electrode 62	399,548.00	3,791,570.55	1987.0
Electrode 63	399,547.69	3,791,572.53	1986.8
Electrode 64	399,547.33	3,791,574.44	1986.6
Electrode 65	399,547.00	3,791,576.41	1986.5
Electrode 66	399,546.65	3,791,578.40	1986.3
Electrode 67	399,546.31	3,791,580.38	1986.3
Electrode 68	399,545.97	3,791,582.33	1986.3
Electrode 69	399,545.66	3,791,584.31	1986.2
Electrode 70	399,545.31	3,791,586.29	1986.0
Electrode 71	399,545.02	3,791,588.24	1985.8
Electrode 72	399,544.72	3,791,590.19	1985.6

Appendix 2–4. Location of each direct-current resistivity electrode along line 3 within the Gran Quivira Unit of Salinas Pueblo Missions National Monument.

[Coordinate system: Universal Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Electrode identifier	Easting (meters)	Northing (meters)	Elevation (meters)
Electrode 1	399,340.41	3,791,615.02	1,977.8
Electrode 2	399,344.76	3,791,613.75	1,977.8
Electrode 3	399,349.71	3,791,612.51	1,977.5
Electrode 4	399,354.44	3,791,611.42	1,977.1
Electrode 5	399,359.33	3,791,610.45	1,976.9
Electrode 6	399,364.19	3,791,609.40	1,976.9
Electrode 7	399,369.02	3,791,608.34	1,977.5
Electrode 8	399,373.91	3,791,607.20	1,977.7
Electrode 9	399,378.74	3,791,606.08	1,977.3
Electrode 10	399,383.62	3,791,604.99	1,977.2
Electrode 11	399,388.46	3,791,603.85	1,977.5
Electrode 12	399,393.28	3,791,602.66	1,977.6
Electrode 13	399,398.13	3,791,601.42	1,978.0
Electrode 14	399,402.94	3,791,600.29	1,978.9
Electrode 15	399,407.70	3,791,599.10	1,979.6
Electrode 16	399,412.60	3,791,597.91	1,980.0
Electrode 17	399,417.34	3,791,596.77	1,980.3
Electrode 18	399,422.21	3,791,595.55	1,980.8
Electrode 19	399,427.00	3,791,594.33	1,981.5
Electrode 20	399,431.82	3,791,593.08	1,982.0
Electrode 21	399,436.64	3,791,591.80	1,982.2
Electrode 22	399,441.74	3,791,590.42	1,982.8
Electrode 23	399,446.55	3,791,589.01	1,983.1
Electrode 24	399,451.27	3,791,587.48	1,983.4
Electrode 25	399,456.04	3,791,585.97	1,983.8
Electrode 26	399,460.88	3,791,584.42	1,984.1
Electrode 27	399,465.50	3,791,583.09	1,984.4
Electrode 28	399,470.34	3,791,581.65	1,984.2
Electrode 29	399,475.12	3,791,580.38	1,984.5
Electrode 30	399,479.87	3,791,579.07	1,984.6

Appendix 2–4. Location of each direct-current resistivity electrode along line 3 within the Gran Quivira Unit of Salinas Pueblo Missions National Monument.—Continued

[Coordinate system: Universal Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Electrode identifier	Easting (meters)	Northing (meters)	Elevation (meters)
Electrode 31	399,484.71	3,791,577.87	1,984.4
Electrode 32	399,489.42	3,791,576.41	1,984.5
Electrode 33	399,494.13	3,791,574.84	1,984.9
Electrode 34	399,498.84	3,791,573.01	1,985.6
Electrode 35	399,503.67	3,791,571.74	1,986.2
Electrode 36	399,508.22	3,791,570.31	1,987.2
Electrode 37	399,512.96	3,791,568.83	1,986.7
Electrode 38	399,517.70	3,791,567.48	1,986.6
Electrode 39	399,522.50	3,791,566.13	1,987.1
Electrode 40	399,527.32	3,791,564.98	1,987.3
Electrode 41	399,532.16	3,791,563.69	1,987.5
Electrode 42	399,537.14	3,791,562.30	1,987.6
Electrode 43	399,541.94	3,791,561.08	1,987.7
Electrode 44	399,546.79	3,791,559.84	1,987.7
Electrode 45	399,551.62	3,791,558.58	1,987.9
Electrode 46	399,556.42	3,791,557.51	1,988.3
Electrode 47	399,561.34	3,791,556.27	1,987.8
Electrode 48	399,566.09	3,791,554.64	1,987.8
Electrode 49	399,570.84	3,791,553.27	1,987.7
Electrode 50	399,575.64	3,791,552.06	1,987.7
Electrode 51	399,580.55	3,791,550.66	1,987.8
Electrode 52	399,585.25	3,791,549.40	1,987.5
Electrode 53	399,590.20	3,791,548.29	1,987.3
Electrode 54	399,595.06	3,791,547.23	1,987.9
Electrode 55	399,599.37	3,791,545.33	1,989.1
Electrode 56	399,603.92	3,791,543.71	1,988.9
Electrode 57	399,608.90	3,791,542.90	1,988.5
Electrode 58	399,613.78	3,791,542.12	1,989.0
Electrode 59	399,618.66	3,791,541.11	1,990.3
Electrode 60	399,623.08	3,791,539.84	1,990.4

Appendix 2–4. Location of each direct-current resistivity electrode along line 3 within the Gran Quivira Unit of Salinas Pueblo Missions National Monument.—Continued

[Coordinate system: Universal Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Electrode identifier	Easting (meters)	Northing (meters)	Elevation (meters)
Electrode 61	399,627.91	3,791,538.75	1,990.6
Electrode 62	399,632.87	3,791,537.31	1,990.3
Electrode 63	399,637.56	3,791,535.91	1,990.2
Electrode 64	399,642.26	3,791,534.24	1,989.6
Electrode 65	399,646.96	3,791,533.32	1,989.1
Electrode 66	399,651.84	3,791,532.26	1,988.9
Electrode 67	399,656.73	3,791,531.35	1,988.2
Electrode 68	399,661.46	3,791,529.89	1,987.4
Electrode 69	399,666.28	3,791,528.68	1,986.1
Electrode 70	399,671.14	3,791,527.44	1,985.5
Electrode 71	399,675.66	3,791,527.13	1,984.8
Electrode 72	399,680.03	3,791,525.04	1,983.9

Appendix 2–5. Location of each direct-current resistivity electrode on line 4 within the Gran Quivira Unit of Salinas Pueblo Missions National Monument.

[Coordinate system: Universal Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Electrode identifier	Easting (meters)	Northing (meters)	Elevation (meters)
Electrode 1	399,392.70	3,791,437.96	1,979.4
Electrode 2	399,396.55	3,791,440.42	1,979.6
Electrode 3	399,400.79	3,791,442.92	1,980.0
Electrode 4	399,405.12	3,791,445.55	1,980.5
Electrode 5	399,409.44	3,791,447.88	1,980.9
Electrode 6	399,413.86	3,791,450.03	1,981.7
Electrode 7	399,417.93	3,791,452.48	1,982.1
Electrode 8	399,422.61	3,791,455.07	1,982.4
Electrode 9	399,426.68	3,791,457.41	1,982.4
Electrode 10	399,431.07	3,791,459.78	1,982.4
Electrode 11	399,435.46	3,791,462.10	1,982.8
Electrode 12	399,439.83	3,791,464.51	1,983.1
Electrode 13	399,444.04	3,791,467.16	1,983.8
Electrode 14	399,448.38	3,791,469.19	1,984.5
Electrode 15	399,452.75	3,791,471.49	1,984.8
Electrode 16	399,457.03	3,791,474.06	1,985.1
Electrode 17	399,461.50	3,791,476.18	1,985.3
Electrode 18	399,465.82	3,791,478.73	1,985.4
Electrode 19	399,470.15	3,791,481.15	1,985.7
Electrode 20	399,474.41	3,791,483.73	1,985.9
Electrode 21	399,478.97	3,791,485.72	1,985.9
Electrode 22	399,483.29	3,791,488.26	1,985.9
Electrode 23	399,487.67	3,791,490.80	1,985.5
Electrode 24	399,491.89	3,791,493.23	1,985.3
Electrode 25	399,496.07	3,791,496.04	1,985.1
Electrode 26	399,499.68	3,791,499.51	1,985.1
Electrode 27	399,504.38	3,791,501.49	1,985.0
Electrode 28	399,508.72	3,791,503.86	1,985.6
Electrode 29	399,513.08	3,791,506.34	1,985.9
Electrode 30	399,517.50	3,791,508.62	1,985.9

Appendix 2–5. Location of each direct-current resistivity electrode on line 4 within the Gran Quivira Unit of Salinas Pueblo Missions National Monument.—Continued

[Coordinate system: Universal Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Electrode identifier	Easting (meters)	Northing (meters)	Elevation (meters)
Electrode 31	399,521.88	3,791,511.07	1,986.1
Electrode 32	399,526.25	3,791,513.44	1,987.3
Electrode 33	399,530.51	3,791,515.89	1,987.5
Electrode 34	399,534.91	3,791,518.25	1,987.9
Electrode 35	399,539.30	3,791,520.56	1,988.5
Electrode 36	399,543.82	3,791,522.75	1,988.2
Electrode 37	399,548.11	3,791,525.28	1,988.1
Electrode 38	399,552.44	3,791,527.93	1,988.2
Electrode 39	399,556.76	3,791,530.15	1,987.7
Electrode 40	399,561.10	3,791,532.46	1,987.7
Electrode 41	399,565.55	3,791,534.61	1,987.8
Electrode 42	399,569.95	3,791,537.10	1,987.1
Electrode 43	399,574.68	3,791,538.60	1,987.0
Electrode 44	399,578.79	3,791,541.70	1,987.5
Electrode 45	399,583.14	3,791,544.12	1,987.5
Electrode 46	399,587.63	3,791,546.37	1,987.3
Electrode 47	399,592.09	3,791,548.51	1,987.3
Electrode 48	399,596.68	3,791,550.66	1,986.7
Electrode 49	399,601.03	3,791,553.06	1,986.9
Electrode 50	399,605.20	3,791,555.46	1,988.3
Electrode 51	399,609.36	3,791,557.93	1,988.5
Electrode 52	399,613.86	3,791,560.27	1,988.5
Electrode 53	399,618.28	3,791,562.65	1,988.4
Electrode 54	399,622.47	3,791,564.68	1,986.7
Electrode 55	399,626.85	3,791,567.13	1,987.0
Electrode 56	399,631.28	3,791,569.31	1,987.0
Electrode 57	399,635.28	3,791,571.68	1,986.2
Electrode 58	399,639.61	3,791,574.13	1,986.2
Electrode 59	399,644.09	3,791,576.48	1,986.0
Electrode 60	399,648.54	3,791,578.72	1,985.9

Appendix 2–5. Location of each direct-current resistivity electrode on line 4 within the Gran Quivira Unit of Salinas Pueblo Missions National Monument.—Continued

[Coordinate system: Universal Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Electrode identifier	Easting (meters)	Northing (meters)	Elevation (meters)
Electrode 61	399,652.97	3,791,580.94	1,986.2
Electrode 62	399,657.33	3,791,583.28	1,986.1
Electrode 63	399,661.60	3,791,585.72	1,986.3
Electrode 64	399,665.80	3,791,588.22	1,986.5
Electrode 65	399,670.24	3,791,590.43	1,986.4
Electrode 66	399,674.87	3,791,592.82	1,986.5
Electrode 67	399,679.28	3,791,594.85	1,986.6
Electrode 68	399,683.50	3,791,597.55	1,986.6
Electrode 69	399,687.77	3,791,599.87	1,986.6
Electrode 70	399,692.31	3,791,602.32	1,986.5
Electrode 71	399,696.40	3,791,604.95	1,986.5
Electrode 72	399,700.77	3,791,607.13	1,986.6

Appendix 2–6. Location of each direct-current resistivity electrode of line 5 within the Gran Quivira Unit of Salinas Pueblo Missions National Monument.

[Coordinate system: Universal Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Electrode identifier	Easting (meters)	Northing (meters)	Elevation (meters)
Electrode 1	399,537.98	3,791,460.44	1,980.8
Electrode 2	399,538.00	3,791,462.33	1,981.1
Electrode 3	399,537.93	3,791,464.29	1,981.4
Electrode 4	399,538.04	3,791,466.36	1,981.5
Electrode 5	399,537.94	3,791,468.42	1,981.5
Electrode 6	399,537.91	3,791,470.38	1,981.7
Electrode 7	399,537.85	3,791,472.32	1,981.8
Electrode 8	399,537.87	3,791,474.21	1,982.0
Electrode 9	399,537.86	3,791,476.30	1,982.2
Electrode 10	399,537.85	3,791,478.27	1,982.4
Electrode 11	399,537.77	3,791,480.34	1,982.7
Electrode 12	399,537.83	3,791,482.20	1,982.9
Electrode 13	399,537.80	3,791,484.22	1,983.1
Electrode 14	399,537.88	3,791,486.16	1,983.3
Electrode 15	399,538.02	3,791,488.07	1,983.7
Electrode 16	399,538.08	3,791,490.13	1,984.1
Electrode 17	399,537.95	3,791,492.24	1,984.1
Electrode 18	399,537.95	3,791,494.00	1,984.2
Electrode 19	399,537.74	3,791,495.96	1,984.1
Electrode 20	399,537.85	3,791,497.97	1,984.3
Electrode 21	399,537.86	3,791,499.96	1,984.7
Electrode 22	399,537.82	3,791,502.05	1,985.3
Electrode 23	399,537.96	3,791,503.72	1,985.9
Electrode 24	399,537.77	3,791,505.91	1,986.5
Electrode 25	399,537.93	3,791,507.68	1,986.6
Electrode 26	399,537.95	3,791,509.70	1,987.1
Electrode 27	399,537.77	3,791,511.71	1,987.3
Electrode 28	399,537.35	3,791,513.76	1,987.3
Electrode 29	399,537.10	3,791,515.63	1,987.3
Electrode 30	399,537.13	3,791,517.75	1,987.5

Appendix 2–6. Location of each direct-current resistivity electrode of line 5 within the Gran Quivira Unit of Salinas Pueblo Missions National Monument.—Continued

[Coordinate system: Universal Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Electrode identifier	Easting (meters)	Northing (meters)	Elevation (meters)
Electrode 31	399,537.24	3,791,519.44	1,988.2
Electrode 32	399,537.32	3,791,521.47	1,988.6
Electrode 33	399,536.75	3,791,523.17	1,989.0
Electrode 34	399,536.82	3,791,525.08	1,989.4
Electrode 35	399,536.55	3,791,527.02	1,989.6
Electrode 36	399,536.32	3,791,529.12	1,989.8
Electrode 37	399,536.04	3,791,530.52	1,989.8
Electrode 38	399,535.74	3,791,532.93	1,990.2
Electrode 39	399,535.72	3,791,534.45	1,990.3
Electrode 41	399,534.85	3,791,538.54	1,990.1
Electrode 42	399,534.74	3,791,540.47	1,990.1
Electrode 43	399,534.34	3,791,542.43	1,989.7
Electrode 44	399,534.13	3,791,544.41	1,989.4
Electrode 45	399,534.21	3,791,546.47	1,989.3
Electrode 46	399,533.92	3,791,548.45	1,989.2
Electrode 47	399,533.58	3,791,550.35	1,989.1
Electrode 48	399,533.36	3,791,552.33	1,988.8
Electrode 49	399,533.24	3,791,554.30	1,988.6
Electrode 50	399,533.05	3,791,556.31	1,988.5
Electrode 51	399,532.79	3,791,558.25	1,988.3
Electrode 52	399,532.59	3,791,560.15	1,987.9
Electrode 53	399,532.39	3,791,562.16	1,987.5
Electrode 54	399,532.11	3,791,564.18	1,987.4
Electrode 55	399,531.89	3,791,566.14	1,987.3
Electrode 56	399,531.66	3,791,568.09	1,987.5
Electrode 57	399,531.48	3,791,569.93	1,987.8
Electrode 58	399,531.24	3,791,572.02	1,987.9
Electrode 59	399,531.13	3,791,573.88	1,988.4
Electrode 60	399,530.93	3,791,576.06	1,987.9
Electrode 61	399,530.85	3,791,577.84	1,987.5

Appendix 2–6. Location of each direct-current resistivity electrode of line 5 within the Gran Quivira Unit of Salinas Pueblo Missions National Monument.—Continued

[Coordinate system: Universal Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Electrode identifier	Easting (meters)	Northing (meters)	Elevation (meters)
Electrode 62	399,530.74	3,791,579.82	1,987.5
Electrode 63	399,530.49	3,791,581.81	1,987.7
Electrode 64	399,530.43	3,791,583.96	1,987.4
Electrode 65	399,530.21	3,791,585.77	1,987.1
Electrode 66	399,530.02	3,791,587.85	1,987.2
Electrode 67	399,529.89	3,791,589.76	1,986.7
Electrode 68	399,529.87	3,791,591.85	1,986.4
Electrode 69	399,529.47	3,791,593.76	1,986.0
Electrode 70	399,529.21	3,791,595.69	1,985.8
Electrode 71	399,529.29	3,791,597.67	1,985.5
Electrode 72	399,529.10	3,791,599.70	1,985.5

Appendix 2–7. Location of each direct-current resistivity electrode on line 6 near the Gran Quivira Unit of Salinas Pueblo Missions National Monument.

[Coordinate system: Universal Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Electrode identifier	Easting (meters)	Northing (meters)	Elevation (meters)
Electrode 1	398,552.92	3,791,600.53	1,946.3
Electrode 2	398,553.41	3,791,598.58	1,946.2
Electrode 3	398,553.81	3,791,596.68	1,946.2
Electrode 4	398,554.21	3,791,594.71	1,946.2
Electrode 5	398,554.67	3,791,592.64	1,946.2
Electrode 6	398,555.14	3,791,590.82	1,946.2
Electrode 7	398,555.52	3,791,588.86	1,946.2
Electrode 8	398,555.84	3,791,586.92	1,946.1
Electrode 9	398,556.15	3,791,584.80	1,946.2
Electrode 10	398,556.56	3,791,582.76	1,946.2
Electrode 11	398,556.94	3,791,580.97	1,946.2
Electrode 12	398,557.38	3,791,578.97	1,946.2
Electrode 13	398,557.83	3,791,577.02	1,946.2
Electrode 14	398,558.20	3,791,575.12	1,946.2
Electrode 15	398,558.70	3,791,573.17	1,946.2
Electrode 16	398,559.16	3,791,571.21	1,946.1
Electrode 17	398,559.63	3,791,569.28	1,946.3
Electrode 18	398,560.00	3,791,567.48	1,946.2
Electrode 19	398,560.45	3,791,565.54	1,946.2
Electrode 20	398,560.76	3,791,563.56	1,946.3
Electrode 21	398,561.16	3,791,561.64	1,946.4
Electrode 22	398,561.60	3,791,559.68	1,946.3
Electrode 23	398,562.17	3,791,557.65	1,946.3
Electrode 24	398,562.61	3,791,555.70	1,946.3
Electrode 25	398,563.02	3,791,553.76	1,946.4
Electrode 26	398,563.44	3,791,551.79	1,946.4
Electrode 27	398,563.90	3,791,549.84	1,946.6
Electrode 28	398,564.28	3,791,547.87	1,946.5
Electrode 29	398,564.74	3,791,545.99	1,946.5
Electrode 30	398,565.19	3,791,543.98	1,946.5

Appendix 2–7. Location of each direct-current resistivity electrode on line 6 near the Gran Quivira Unit of Salinas Pueblo Missions National Monument—Continued

[Coordinate system: Universal Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Electrode identifier	Easting (meters)	Northing (meters)	Elevation (meters)
Electrode 31	398,565.56	3,791,542.10	1,946.5
Electrode 32	398,565.94	3,791,540.10	1,946.4
Electrode 33	398,566.40	3,791,538.17	1,946.3
Electrode 34	398,566.71	3,791,536.15	1,946.3
Electrode 35	398,567.17	3,791,534.25	1,946.3
Electrode 36	398,567.63	3,791,532.35	1,946.3
Electrode 37	398,568.05	3,791,530.37	1,946.3
Electrode 38	398,568.46	3,791,528.43	1,946.3
Electrode 39	398,568.88	3,791,526.49	1,946.3
Electrode 41	398,569.67	3,791,522.58	1,946.3
Electrode 42	398,570.02	3,791,520.65	1,946.2
Electrode 43	398,570.48	3,791,518.72	1,946.2
Electrode 44	398,570.78	3,791,516.64	1,946.1
Electrode 45	398,571.22	3,791,514.73	1,946.1
Electrode 46	398,571.62	3,791,512.77	1,946.1
Electrode 47	398,572.00	3,791,510.81	1,946.1
Electrode 48	398,572.37	3,791,508.85	1,946.0
Electrode 49	398,572.90	3,791,506.97	1,946.0
Electrode 50	398,573.34	3,791,504.99	1,946.0
Electrode 51	398,573.75	3,791,503.07	1,945.9
Electrode 52	398,574.13	3,791,501.13	1,945.8
Electrode 53	398,574.59	3,791,499.13	1,945.7
Electrode 54	398,575.00	3,791,497.24	1,945.7
Electrode 55	398,575.36	3,791,495.22	1,945.8
Electrode 56	398,575.80	3,791,493.24	1,945.6
Electrode 57	398,576.18	3,791,491.27	1,945.6
Electrode 58	398,576.58	3,791,489.32	1,945.6
Electrode 59	398,577.07	3,791,487.44	1,945.5
Electrode 60	398,577.55	3,791,485.48	1,945.5
Electrode 61	398,577.96	3,791,483.58	1,945.5

Appendix 2–7. Location of each direct-current resistivity electrode on line 6 near the Gran Quivira Unit of Salinas Pueblo Missions National Monument.—Continued

[Coordinate system: Universal Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Electrode identifier	Easting (meters)	Northing (meters)	Elevation (meters)
Electrode 62	398,578.27	3,791,481.53	1,945.5
Electrode 63	398,578.76	3,791,479.66	1,945.5
Electrode 64	398,579.10	3,791,477.60	1,945.5
Electrode 65	398,579.73	3,791,475.86	1,945.4
Electrode 66	398,580.22	3,791,473.91	1,945.5
Electrode 67	398,580.75	3,791,471.93	1,945.4
Electrode 68	398,581.23	3,791,470.06	1,945.4
Electrode 69	398,581.66	3,791,468.05	1,945.4
Electrode 70	398,581.90	3,791,466.03	1,945.4
Electrode 71	398,582.19	3,791,464.08	1,945.5
Electrode 72	398,582.55	3,791,462.08	1,945.5

Appendix 2–8. Location of each direct-current resistivity electrode on line 7 within the Gran Quivira Unit of Salinas Pueblo Missions National Monument.

[Coordinate system: Universal Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Electrode identifier	Easting (meters)	Northing (meters)	Elevation (meters)
Electrode 1	399,557.26	3,791,336.40	1,969.0
Electrode 2	399,554.79	3,791,340.74	1,969.0
Electrode 3	399,552.24	3,791,345.12	1,969.2
Electrode 4	399,550.03	3,791,349.41	1,969.7
Electrode 5	399,547.52	3,791,353.74	1,970.4
Electrode 6	399,545.06	3,791,357.96	1,971.1
Electrode 7	399,542.36	3,791,362.20	1,971.4
Electrode 8	399,539.82	3,791,366.57	1,972.1
Electrode 9	399,537.65	3,791,370.90	1,972.9
Electrode 10	399,534.80	3,791,374.94	1,973.6
Electrode 11	399,532.22	3,791,378.97	1,974.3
Electrode 12	399,529.39	3,791,383.47	1,975.0
Electrode 13	399,526.94	3,791,387.43	1,975.6
Electrode 14	399,524.57	3,791,392.02	1,976.4
Electrode 15	399,522.29	3,791,396.40	1,977.2
Electrode 16	399,520.04	3,791,400.80	1,978.0
Electrode 17	399,517.40	3,791,404.90	1,978.8
Electrode 18	399,515.55	3,791,409.50	1,979.7
Electrode 19	399,513.04	3,791,413.78	1,980.3
Electrode 20	399,510.63	3,791,417.90	1,980.4
Electrode 21	399,507.84	3,791,422.07	1,980.4
Electrode 22	399,505.17	3,791,426.14	1,980.5
Electrode 23	399,502.46	3,791,430.44	1,980.7
Electrode 24	399,499.83	3,791,434.73	1,981.1
Electrode 25	399,497.20	3,791,438.68	1,981.8
Electrode 26	399,494.54	3,791,442.98	1,982.7
Electrode 27	399,491.59	3,791,446.78	1,983.8
Electrode 28	399,488.87	3,791,450.89	1,984.6
Electrode 29	399,486.16	3,791,454.99	1,985.1
Electrode 30	399,483.83	3,791,459.27	1,985.0

Appendix 2–8. Location of each direct-current resistivity electrode on line 7 within the Gran Quivira Unit of Salinas Pueblo Missions National Monument.—Continued

[Coordinate system: Universal Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Electrode identifier	Easting (meters)	Northing (meters)	Elevation (meters)
Electrode 31	399,481.50	3,791,463.74	1,986.0
Electrode 32	399,478.90	3,791,467.80	1,985.4
Electrode 33	399,476.27	3,791,471.98	1,985.5
Electrode 34	399,473.91	3,791,476.48	1,985.6
Electrode 35	399,471.52	3,791,480.89	1,985.6
Electrode 36	399,469.16	3,791,485.26	1,985.8
Electrode 37	399,466.98	3,791,489.71	1,985.8
Electrode 38	399,464.70	3,791,494.23	1,986.1
Electrode 39	399,462.23	3,791,498.59	1,986.2
Electrode 40	399,459.91	3,791,503.01	1,986.2
Electrode 41	399,457.41	3,791,507.31	1,986.2
Electrode 42	399,454.85	3,791,511.54	1,986.2
Electrode 43	399,452.36	3,791,515.92	1,986.0
Electrode 44	399,449.83	3,791,520.22	1,985.9
Electrode 45	399,447.50	3,791,524.58	1,985.1
Electrode 46	399,445.00	3,791,528.91	1,984.5
Electrode 47	399,442.62	3,791,533.11	1,984.1
Electrode 48	399,440.06	3,791,537.51	1,983.9
Electrode 49	399,437.41	3,791,541.70	1,983.8
Electrode 50	399,434.97	3,791,546.08	1,983.5
Electrode 51	399,432.50	3,791,550.38	1,983.2
Electrode 52	399,429.90	3,791,554.78	1,982.7
Electrode 53	399,427.40	3,791,558.94	1,982.3
Electrode 54	399,424.91	3,791,563.45	1,981.8
Electrode 55	399,422.18	3,791,567.72	1,981.5
Electrode 56	399,419.63	3,791,571.97	1,981.1
Electrode 57	399,416.91	3,791,576.10	1,981.3
Electrode 58	399,414.52	3,791,580.40	1,981.3
Electrode 59	399,412.57	3,791,584.94	1,980.6
Electrode 60	399,411.33	3,791,587.10	1,980.3

Appendix 2–8. Location of each direct-current resistivity electrode on line 7 within the Gran Quivira Unit of Salinas Pueblo Missions National Monument.—Continued

[Coordinate system: Universal Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Electrode identifier	Easting (meters)	Northing (meters)	Elevation (meters)
Electrode 61	399,410.08	3,791,589.27	1,980.0
Electrode 62	399,407.93	3,791,593.67	1,979.0
Electrode 63	399,405.68	3,791,598.13	1,978.5
Electrode 64	399,403.38	3,791,602.41	1,978.0
Electrode 65	399,399.22	3,791,611.34	1,977.4
Electrode 66	399,396.80	3,791,615.71	1,977.3
Electrode 67	399,394.40	3,791,620.14	1,977.4
Electrode 68	399,392.43	3,791,624.48	1,977.4
Electrode 69	399,390.64	3,791,629.29	1,977.2
Electrode 70	399,389.27	3,791,633.87	1,976.6
Electrode 71	399,387.03	3,791,638.42	1,975.9
Electrode 72	399,385.39	3,791,642.96	1,975.6

Appendix 2–9. Additional surveyed features within the Gran Quivira Unit of Salinas Pueblo Missions National Monument.

[Coordinate system: Universal Transverse Mercator Zone 13, North American Datum of 1983; elevation is in meters above the North American Vertical Datum of 1988]

Location description	Easting (meters)	Northing (meters)	Elevation (meters)
Approximate center of gypsum cave located on line 6	398,571.63	3,791,510.42	1,946.1
Benchmark: GM03-17	399,579.49	3,791,551.77	1,987.7
Benchmark: GM03-18	399,480.95	3,791,538.15	1,987.3
Benchmark: GM03-19	399,478.77	3,791,489.86	1,987.1
Center of pueblo room number 98	399,517.24	3,791,529.43	1,987.4
GEM-2 calibration point	399,351.93	3,791,621.95	1,976.2