

Table B. Pumping Test Data, RR-S-T-2

<u>Date</u> (1980)	<u>Time</u>	<u>Depth to Water</u> <u>below land surface,</u> <u>feet</u>	<u>Discharge,</u> <u>gpm</u>	<u>Remarks</u>
10/13	0945	280.65		Static water level
	1000	298.79		Pumping started:
	1004	300.70		Step 1
	1006	298.91	300	
	1008	300.53	300	
	1010	300.75	300	
	1015	302.75	350	
	1020	300.08	290	
	1025	301.41	330	
	1030	303.43	340	
	1035	301.73	315	
	1040	301.50	315	
	1050	301.49	315	
	1100	301.91	320	
	1110	300.21	310	
	1120	301.47		
	1130	301.72	305	
	1140	301.24		
	1200	298.56	270	
	1220	300.35	290	
	1240	301.71	300	
	1300	302.12	320	
	1330	301.76	315	
	1400	303.06	320	
	1430	301.96	320	
	1455	303.09	320	
	1500			Step 2
	1502	311.42		Pumping increased
	1504	310.78	410	
	1506	310.84	415	
	1508	309.85	390	
	1510	310.48		
	1515	309.08	400	
	1520	309.22	400	
	1525	309.62	400	
	1530	309.55	400	
	1535	309.66		
	1540	309.79	410	
	1550	309.60	400	
	1600	309.27	400	
	1610	309.45	400	
	1620	309.56	400	

Table B. Pumping Test Data, RR-S-T-2 (cont'd).

<u>Date</u> (1980)	<u>Time</u>	<u>Depth to Water</u> <u>below land surface,</u> <u>feet</u>	<u>Discharge,</u> <u>gpm</u>	<u>Remarks</u>
10/13	1630	310.49	400	
	1640	309.53	395	
	1700	309.40	400	
	1720	309.46	400	
	1740	309.55	400	
	1800	309.15	400	
	1830	309.15	400	
	1900	309.33	400	
	1930	309.40	400	
	2000	309.40		Pumping increased
	2002	319.18	515	Step 3
	2004	318.50	495	
	2006	317.60	500	
	2008	317.55	500	
	2010	317.65	500	
	2015	317.33	500	
	2020	317.37	500	
	2025	317.04	500	
	2030	317.12	500	
	2035	316.65	495	
	2040	316.73	500	
	2050	316.15	500	
	2100	319.13	500	
	2110	319.50	500	
	2120	319.40	500	
	2130	319.22	500	
	2140	319.18	500	
	2200	319.57	500	
	2210	319.43	500	
	2220	319.47	500	
	2230	319.83	500	
	2330	319.80	500	
10/14	0000	320.07	500	
	30	320.30	500	
	0100	320.35		Step 4 Pumping increased,

Table B.: Pumping Test Data, RR-S-T-2 (cont'd).

<u>Date</u> (1980)	<u>Time</u>	<u>Depth to Water</u> <u>below land surface,</u> <u>feet</u>	<u>Discharge,</u> <u>gpm</u>	<u>Remarks</u>
10/14	0102	327.75	600	
	0104	327.95	600	
	0106	328.25	600	
	0108	328.29	600	
	0110	328.43	600	
	0115	328.65	600	
	0120	328.85	600	
	0125			
	0130	328.85	600	
	0135	329.13	600	
	0140	328.93	600	
	0150	329.18	600	
	0200	329.39	600	
	0210	327.82	600	
	0220	328.75	600	
	0230	328.55	600	
	0240	328.43	600	
	0300	328.25	600	
	0320	327.95	600	
	0340	330.70	600	
	0400	330.40	600	
	0430	330.47	600	
	0500	331.03	600	
	0530	331.31	600	
	0600	331.21	600	Pumping stopped.

Table B. Pumping Test Data, RR-S-T-2 (cont'd).

<u>Date</u> (1980)	<u>Time</u>	<u>Depth to Water</u> <u>below land surface,</u> <u>feet</u>	<u>Discharge,</u> <u>gpm</u>
10/15	1502	311.42	
	1504	310.78	410
	1506	310.84	415
	1508	309.85	390
	1510	310.48	
	1515	309.08	400
	1520	309.22	400
	1525	309.62	400
	1530	309.55	400
	1535	309.66	
	1540	309.79	410
	1550	309.60	400
	1600	309.27	400
	1610	309.45	400
	1620	309.56	400
	1630	310.49	400
	1640	309.53	395
	1700	309.40	400
	1720	309.46	400
	1740	309.55	400
	1800	309.15	400
	1830	309.15	400
	1900	309.33	400
	1930	309.40	400
	2000	309.40	

Step 3
Pumping increased,

Table B. Pumping Test Data, RR-S-T-2 (cont'd).

<u>Date</u> (1980)	<u>Time</u>	<u>Depth to Water</u> <u>below land surface,</u> <u>feet</u>	<u>Discharge ,</u> <u>gpm</u>	<u>Remarks</u>
10/20	0900	280.65		Static water level Pumping started, constant discharge test.
	0930			
	0932			
	0934	331.73		
	0936	335.39		
	0938	337.73	730	
	0940	338.73	730	
	0945	340.10	730	
	0950			
	0955	338.49	710	
	1000	338.48	700	
	1005	338.62	700	
	1010	338.59	700	
	1020	338.67	700	
	1030	339.11	700	
	1040	339.39	700	
	1050	339.74	700	
	1100	339.95	700	
	1110	340.23	700	
	1130	340.10	700	
	1150	340.09	700	
	1210	340.23	700	
	1230	340.39	700	
	1300	340.25	700	
	1330	339.74	690	
	1400	341.76	710	
	1430	341.87	700	
	1530	342.90	720	
	1630	342.48	720	
	1730	341.76	700	
	1830	341.93	700	
	1930	341.78	700	
	2130	341.96	700	
	2330	342.02	700	
10/21	0130	342.09	700	
	0330	342.17	700	
	0730	342.21	700	
	1130	341.82	700	
	1530	339.17	690	
	2030	341.11	700	
	2330	341.23	700	

Table B. Pumping Test Data, RR-S-T-2 (cont'd).

<u>Date</u> (1980)	<u>Time</u>	<u>Depth to Water</u> <u>below land surface,</u> <u>feet</u>	<u>Discharge ,</u> <u>gpm</u>	<u>Remarks</u>
10/22	05 30	342.09	710	
	1130	341.82	700	
	1530	341.42	700	
	2130	341.86	700	
10/23	0530	341.84	700	
	1330	341.76	700	
	2130	342.95	715	
10/24	0930	341.56	700	
	2130		700	
10/25	0856			Pumping stopped, engine failure. Recovery Measurements started.

Table B. Pumping Test Data, RR-S-T-2 (cont'd).

<u>Date</u> (1980)	<u>Time</u>	<u>Depth to Water</u> <u>below land surface,</u> <u>feet</u>	<u>Discharge,</u> <u>gpm</u>	<u>Remarks</u>
10/25	0858			
	0900	287.78		
	0902	288.10		
	0904	287.12		
	0906	286.17		
	0911	285.45		
	0916	285.15		
	0921	284.67		
	0926	284.36		
	0931	284.14		
	0936	283.80		
	0946	283.49		
	0956	283.27		
	1006	283.06		
	1016	282.86		
	1026	282.76		
	1036	282.66		
	1056	282.46		
	1116	282.26		
	1136	282.17		
	1156	282.03		
	1226	281.95		
	1256	281.85		
	1326	281.81		
	1356	281.86		
	1456	281.53		
	1556	281.28		
	1756	281.23		

Table B. Pumping Test Data, RR-S-T-2 (cont'd).

<u>Date</u> (1980)	<u>Time</u>	<u>Depth to Water</u> <u>below land surface,</u> <u>feet</u>	<u>Discharge,</u> <u>gpm</u>	<u>Remarks</u>
10/31	0850	280.85		Static water level
	0900			Pumping started,
	0902	326.36		constant discharge test.
	0904	330.23		
	0906	331.20	700	
	0908	332.40	700	
	0910	333.00	700	
	0915	334.15	700	
	0920	335.00	700	
	0935	335.64	700	
	0930	335.75	700	
	0935	336.84	705	
	0940	337.10	705	
	0950	337.60	705	
	1000	337.50	705	
	1010	338.01	705	
	1020	338.24	705	
	1030	338.27	700	
	1040	338.77	705	
	1100	339.00	705	
	1120	339.13	700	
	1140	339.33	700	
	1200	339.36	700	
	1230	339.42	700	
	1300	339.66	700	
	1330	338.85	700	
	1400	340.04	700	
	1500	340.09	700	
	1600	340.52	700	
	1700	340.71	705	
	1800	340.97	710	
	1900	341.54	710	
	2000	337.73	670	
	2100	342.78	710	
	2200	342.96	710	
	2300	343.11	710	
	0705	343.23	710	
	1100	343.31	715	
	1500	342.76	715	
	1900	342.10	710	
	2300	340.60	700	

Table B. Pumping Test Data, RR-S-T-2 (cont'd).

<u>Date</u> (1980)	<u>Time</u>	<u>Depth to Water</u> <u>below land surface,</u> <u>feet</u>	<u>Discharge,</u> <u>gpm</u>	<u>Remarks</u>
11/2	0500	341.65	700	
	1100	342.16	705	
	1700	342.46	705	
	2300	344.21	720	
11/3	0500	342.77	700	
	1300	342.78	715	
	2100	341.87	700	
11/4	0900	343.85	715	
	2100	342.11	700	
11/5	0900	342.85	715	
	2100	342.45	700	
11/6	0900	342.91	700	
	2130	343.03	700	
11/7	0900	343.12	705	
	2100	342.30	705	
11/8	0900	343.34	706	
	2100	343.33	706	
11/9	0900	343.74	706	
	2100	342.68	705	
11/10	0900	342.32	705	
	2100	342.87	706	
11/11	0900	343.43	700	
	2100	343.31	700	
11/12	0900	343.35	700	
	2100	343.41	700	
11/13	0900	344.05	700	
	2100	342.72	700	
11/14	1000	338.84	680	
	2100	341.80	700	
11/15	0900	343.87	700	
	2200	344.40	705	
11/16	0900	341.63	685	
	2100	343.33	700	
11/17	0900	344.47	715	
11/18	0900	343.31	700	
	2100	342.67	700	
11/19	0900	342.77	700	
	2100	342.79	700	
11/20	0900	347.50	730	
11/21	0900	344.80	715	
	2100	344.53	710	

Table B. Pumping Test Data, RR-S-T-2 (cont'd).

<u>Date</u>	<u>Time</u>	<u>Depth to Water below land surface, feet</u>	<u>Discharge, gpm</u>	<u>Remarks</u>
(1980)				
11/2	0500	341.65	700	
	1100	342.16	705	
	1700	342.46	705	
	2300	344.21	720	
11/3	0500	342.77	700	
	1300	342.78	715	
	2100	341.87	700	
11/4	0900	343.85	715	
	2100	342.11	700	
11/5	0900	342.85	715	
	2100	342.45	700	
11/6	0900	342.91	700	
	2130	343.03	700	
11/7	0900	343.12	705	
	2100	342.30	705	
11/8	0900	343.34	706	
	2100	343.33	706	
11/9	0900	343.74	706	
	2100	342.68	705	
11/10	0900	342.32	705	
	2100	342.87	706	
11/11	0900	343.43	700	
	2100	343.31	700	
11/12	0900	343.35	700	
	2100	343.41	700	
11/13	0900	344.05	700	
	2100	342.72	700	
11/14	1000	338.84	680	
	2100	341.80	700	
11/15	0900	343.87	700	
	2200	344.40	705	
11/16	0900	341.63	685	
	2100	343.33	700	
11/17	0900	344.47	715	
11/18	0900	343.31	700	
	2100	342.67	700	
11/19	0900	342.77	700	
	2100	342.79	700	
11/20	0900	347.50	730	
11/21	0900	344.80	715	
	2100	344.53	710	

Table B. Pumping Test Data, RR-S-T-2 (cont'd).

<u>Date</u> (1980)	<u>Time</u>	<u>Depth to Water</u> <u>below land surface,</u> <u>feet</u>	<u>Discharge,</u> <u>gpm</u>	<u>Remarks</u>
11/21	1000	342.12	690	
	2335	344.17	710	
11/23	0900	343.06	700	
	2100	342.82	700	
11/24	0900	343.02	700	
	2100	344.39	710	
11/25	0900	342.92	700	
	2100	342.13	690	
11/26	0900	343.57	710	
	2100	342.83	700	
11/27	0900	342.97	700	
	2100	342.83	700	
11/28	0900	342.81	690	
	2100	341.65	720	
11/29	0900	341.93	700	
	2305	343.59	700	
11/30	0855	342.16	700	

Table B. Pumping Test Data, RR-S-T-2 (cont'd).

<u>Date</u> (1980)	<u>Time</u>	<u>Depth to Water</u> <u>below land surface,</u> <u>feet</u>	<u>Discharge,</u> <u>gpm</u>	<u>Remarks</u>
11/30	0900			Pumping stopped,
	0901	287.46		Recovery
	0902	290.12		measurements started.
	0903	289.91		
	0904	289.35		
	0905	288.96		
	0906	288.68		
	0908	287.96		
	0910	287.52		
	0915	286.85		
	0920	286.36		
	0925	285.95		
	0930	285.62		
	0935	285.36		
	0940	285.20		
	0950	284.56		
	1005	284.46		
	1010	284.32		
	1020	284.15		
	1030	284.11		
	1040	283.97		
	1100	283.89		
	1120	283.67		
	1140	283.62		
	1200	283.57		
	1230	283.53		
	1300	283.33		
	1330	283.23		
	1400	283.12		
	1500	283.05		
	1600	283.00		
	1700	282.98		
	1800	282.96		
	1900	282.90		
	2000	282.90		
	0100	282.90		
	0500	282.91		
	0700	282.91		
	1300	282.91		
	1700	282.91		
	2100	282.91		

Table B. Pumping Test Data, RR-S-T-2 (cont'd).

<u>Date</u> (1980)	<u>Time</u>	<u>Depth to Water</u> <u>below land surface,</u> <u>feet</u>	<u>Discharge,</u> <u>gpm</u>	<u>Remarks</u>
	2400	282.82		
12/2	0630	282.71		
	1020	282.67		
12/3	1645	282.36		

1500	0100	0600	2130	2130	0930	0930	0930	0900
10/13/80	10/14/80	10/14/80	10/20/80	10/21/80	10/22/80	10/23/80	10/24/80	11/27/80

ation, in mg/l

81.0	79.0	67.5	76.0	77.0	78.0	77.0	75.5	73.0
31.8	32.5	32.8	32.4	33.7	33.0	34.3	34.6	39.0
13.4	13.6	12.9	13.4	13.4	13.3	13.5	13.4	13.0
1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.0
364.8	362.0	337.2	354.7	367.3	365.5	363.4	360.6	365.8
11.4	11.5	10.9	11.2	11.2	11.3	11.2	11.6	9.7
43	38	39	38	37	38	38	39	34
2.1	2.2	2.1	2.2	2.2	2.2	2.2	2.2	2.1
0.25	0.23	0.20	0.20	0.23	0.18	0.28	0.25	0.1
30	31	30	30	30	30	29	29	22
394	387	363	379	387	387	386	384	382

, California: except sample collected 11/27/80, which was analyzed by Sierra Environmental