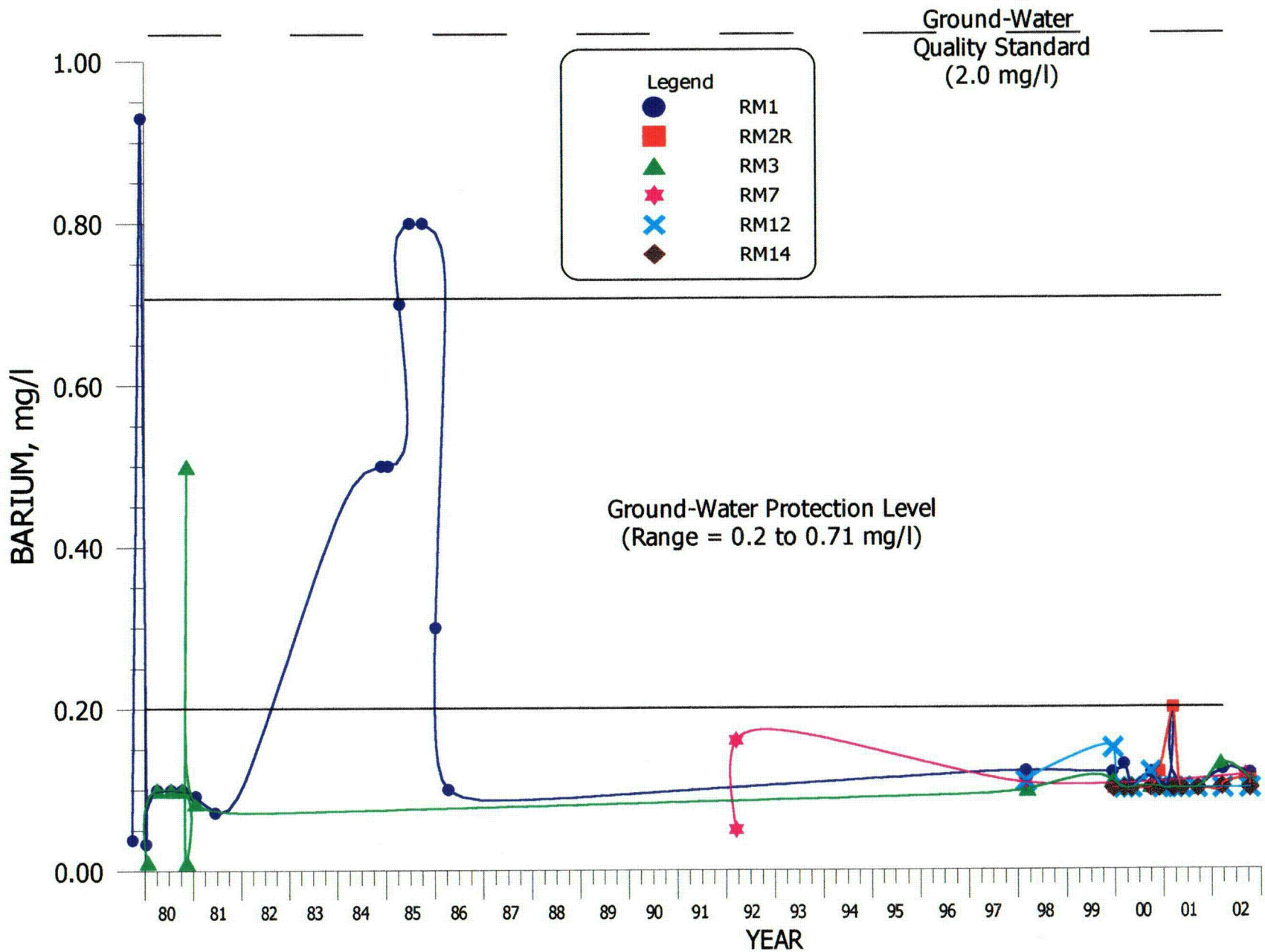

FIGURE 5-24. BARIUM CONCENTRATIONS FOR ENTRADA WELLS RM1, RM2R, RM3, RM7, RM12 AND RM14.

C01

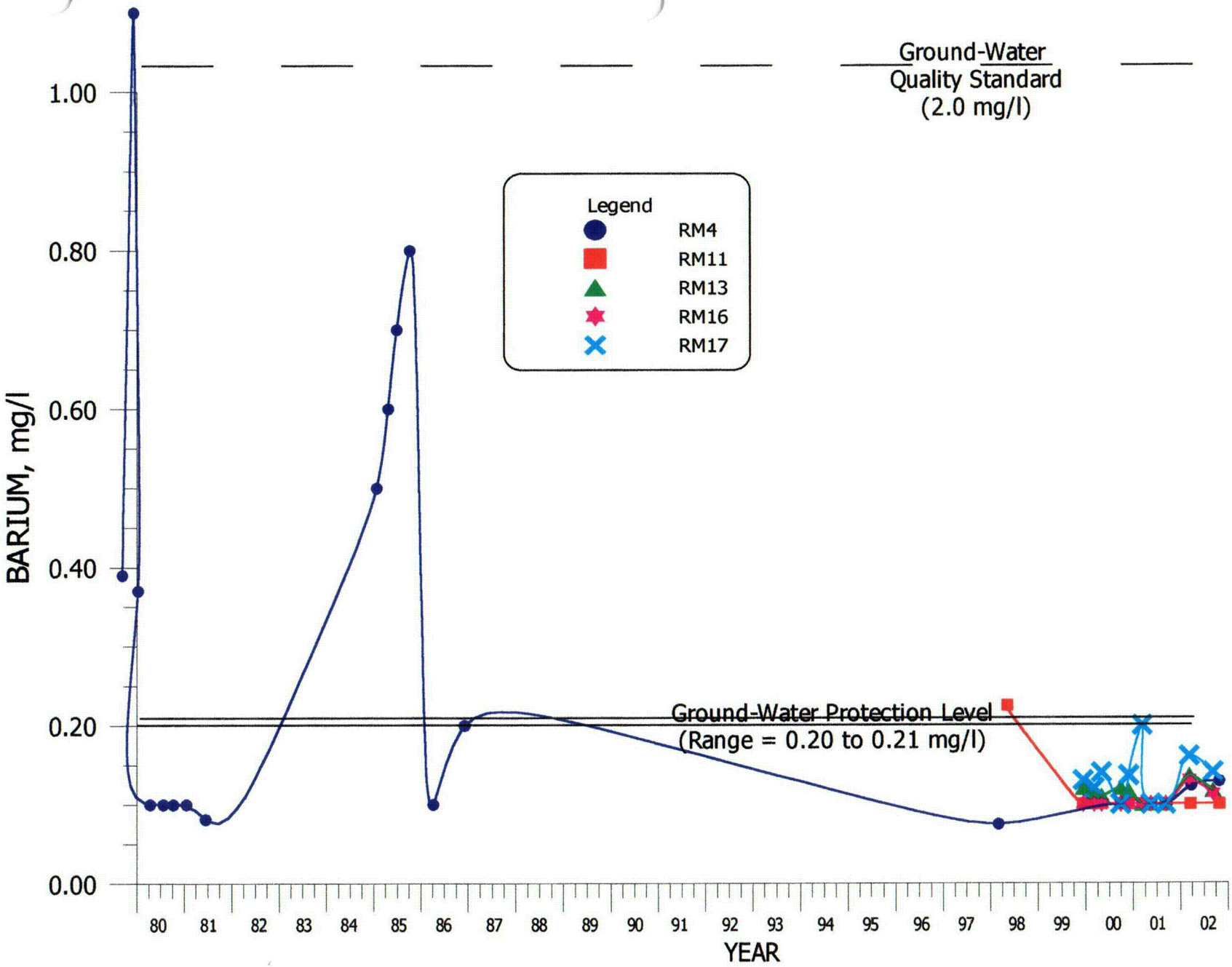

FIGURE 5-25. BARIUM CONCENTRATIONS FOR ENTRADA WELLS RM4, RM11, RM13, RM16 AND RM17.

C02

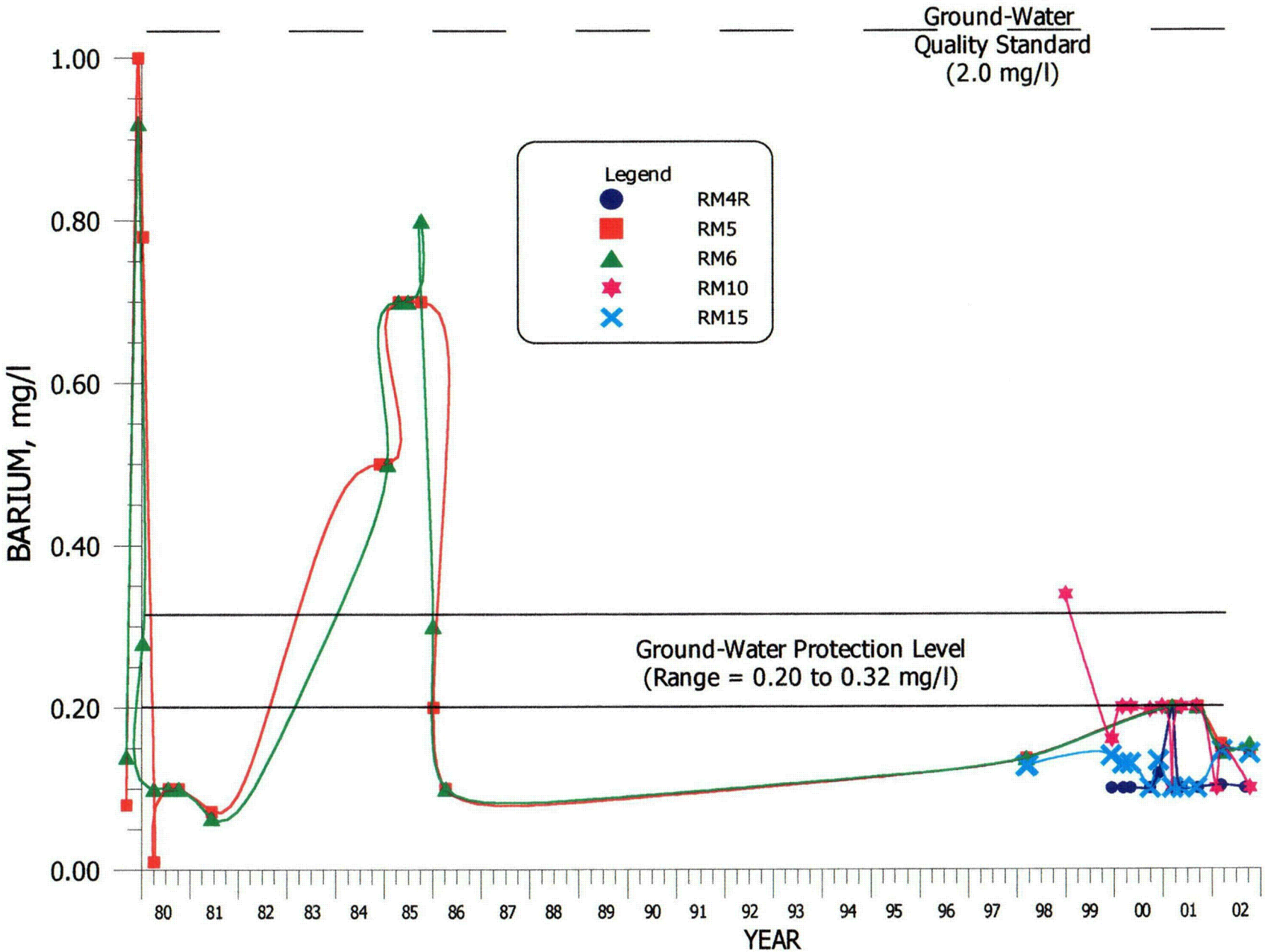

FIGURE 5-26. BARIUM CONCENTRATIONS FOR ENTRADA WELLS RM4R, RM5, RM6, RM10 AND RM15.

C03

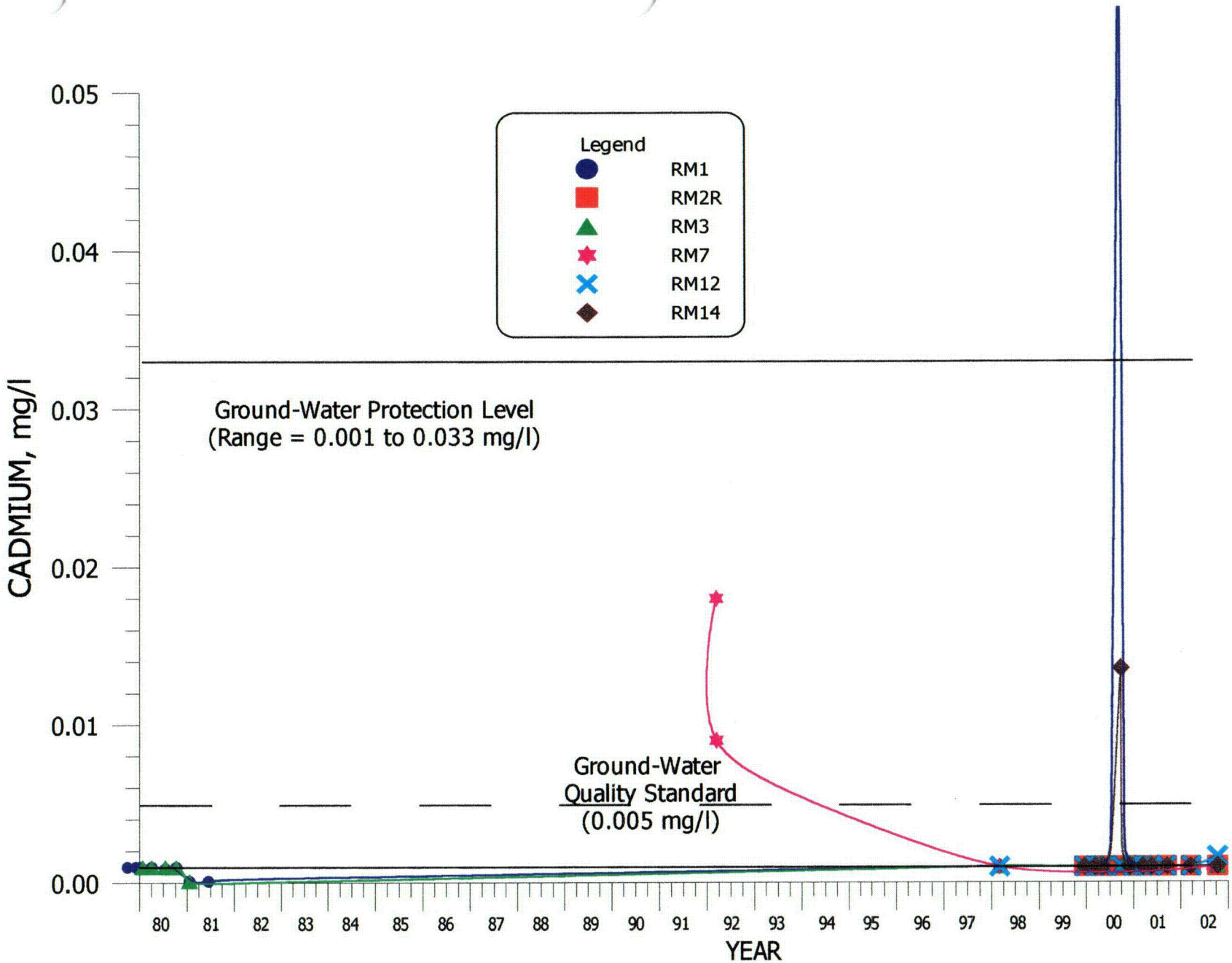

FIGURE 5-27. CADMIUM CONCENTRATIONS FOR ENTRADA WELLS RM1, RM2R, RM3, RM7, RM12 AND RM14.

C04

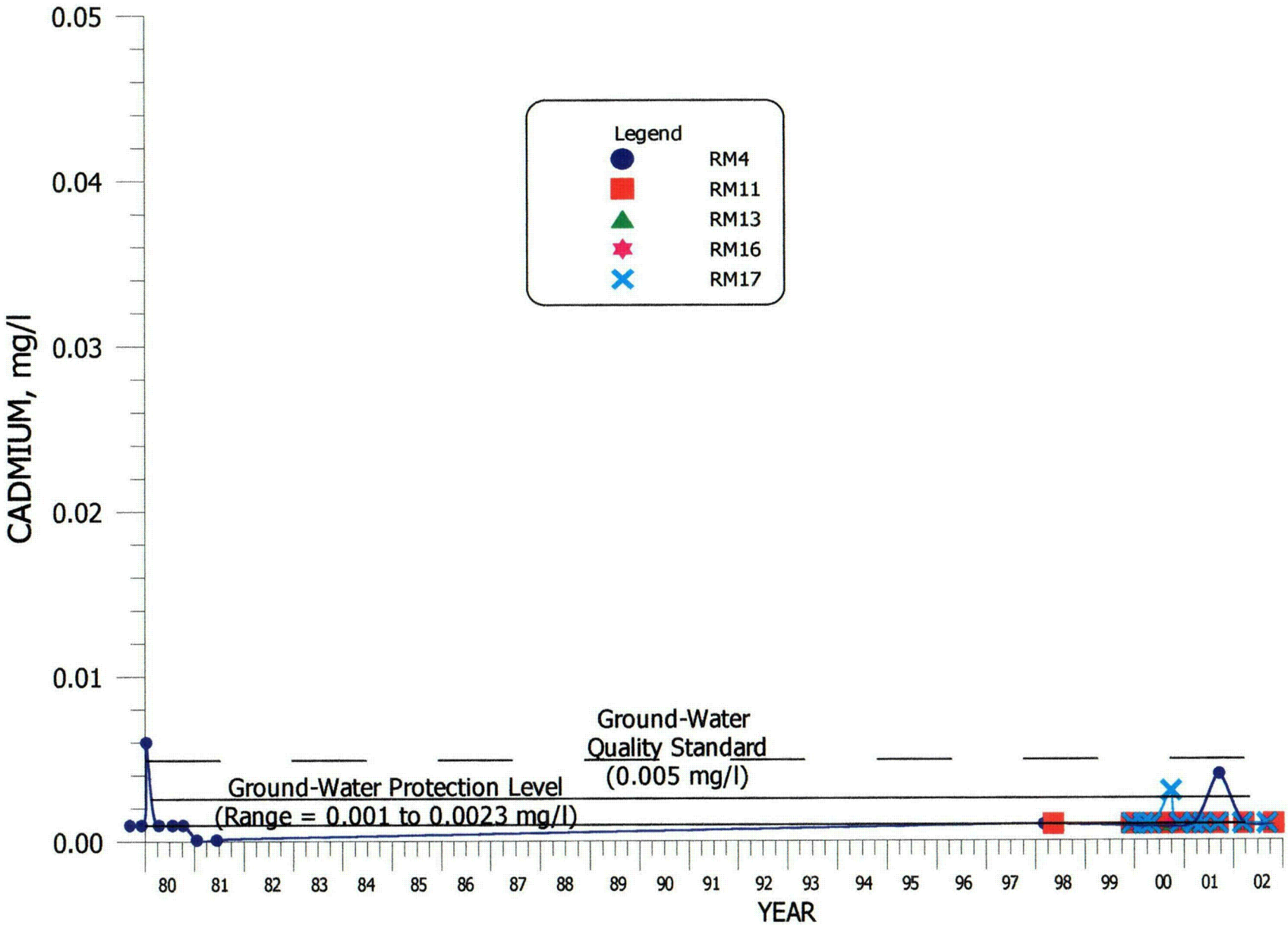

FIGURE 5-28. CADMIUM CONCENTRATIONS FOR ENTRADA WELLS RM4, RM11, RM13, RM16 AND RM17.

C05

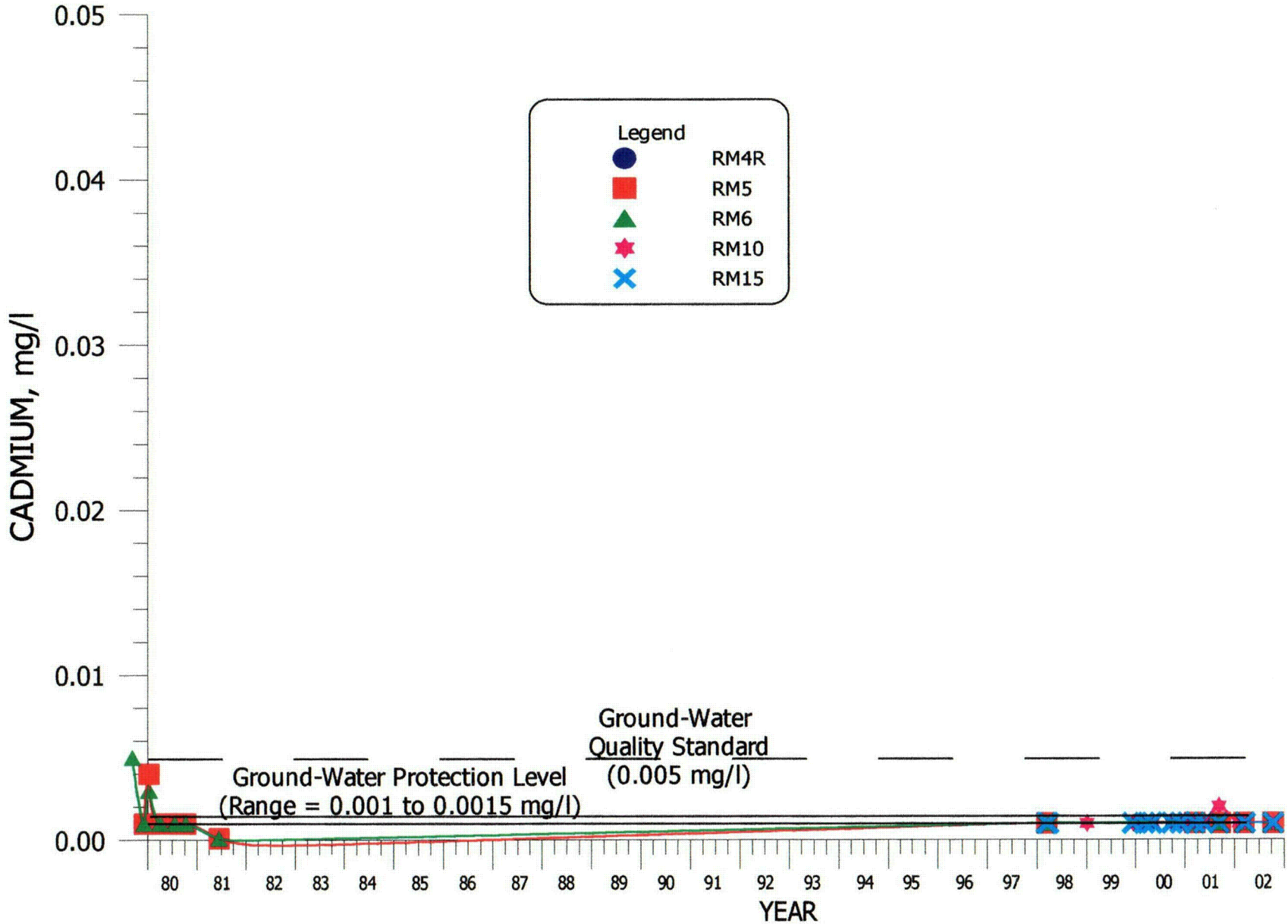

FIGURE 5-29. CADMIUM CONCENTRATIONS FOR ENTRADA WELLS RM4R, RM5, RM6, RM10 AND RM15.

C06

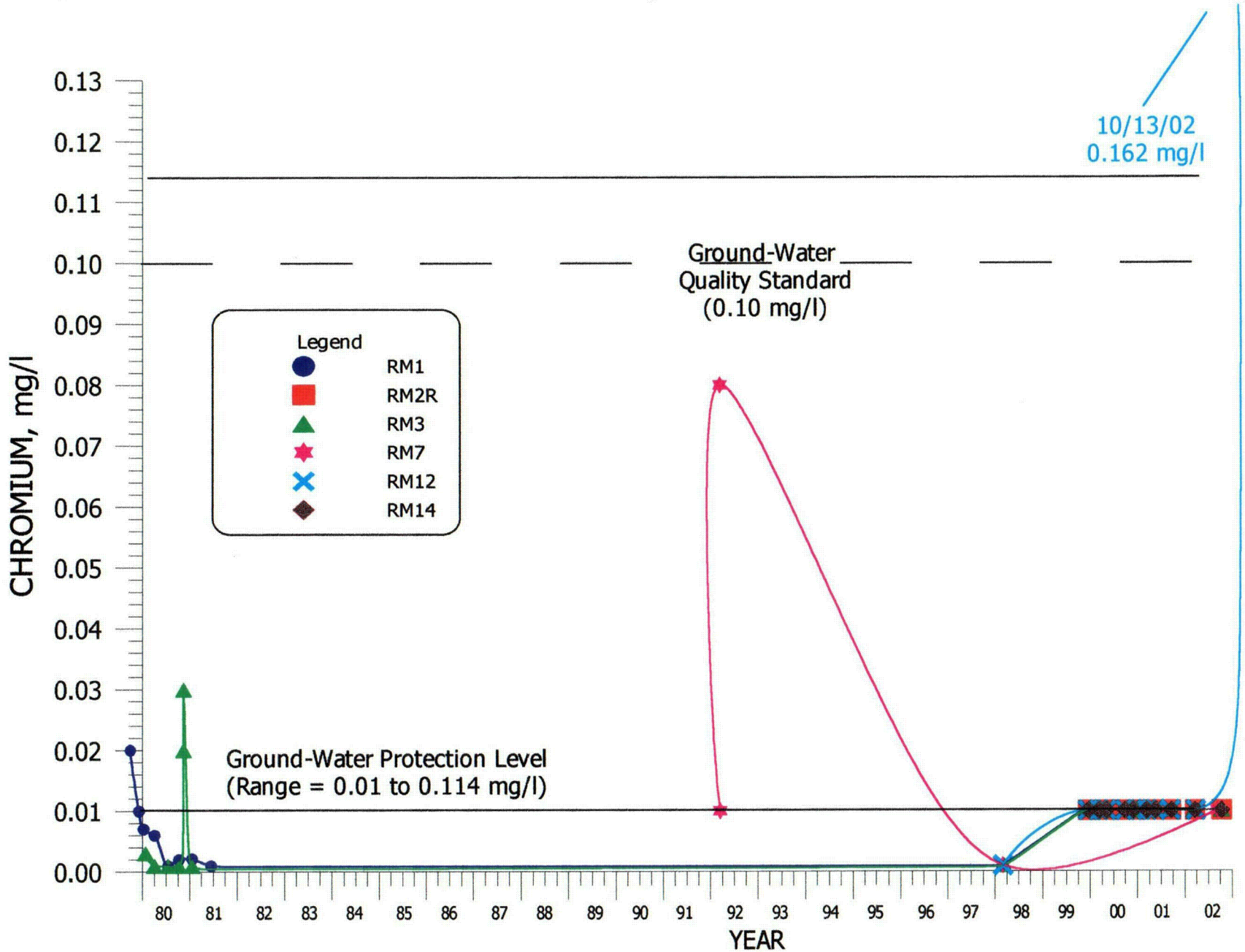

FIGURE 5-30. CHROMIUM CONCENTRATIONS FOR ENTRADA WELLS RM1, RM2R, RM3, RM7, RM12 AND RM14.

C07

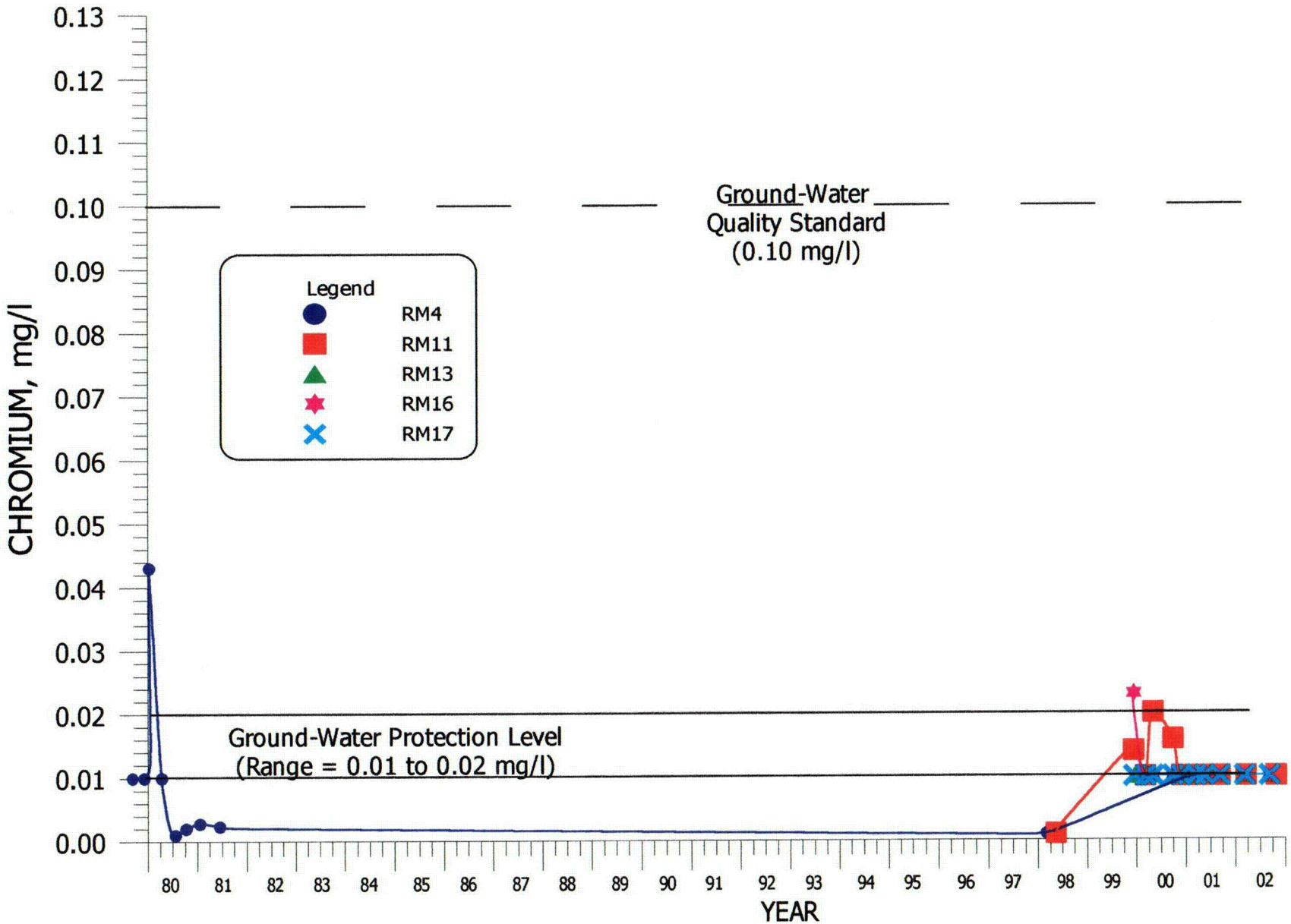

FIGURE 5-31. CHROMIUM CONCENTRATIONS FOR ENTRADA WELLS RM4, RM11, RM13, RM16 AND RM17.

C08

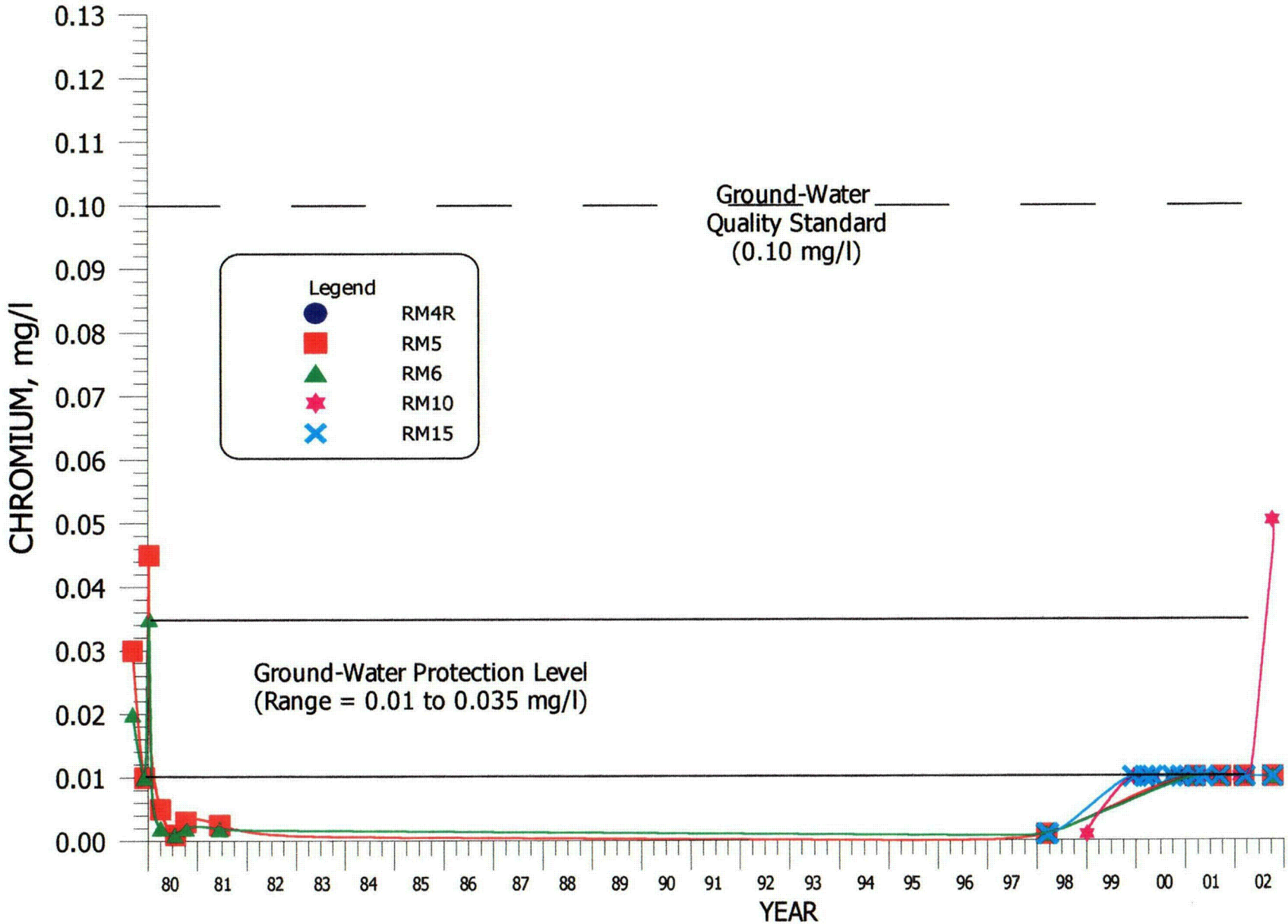

FIGURE 5-32. CHROMIUM CONCENTRATIONS FOR ENTRADA WELLS RM4R, RM5, RM6, RM10 AND RM15.

C09

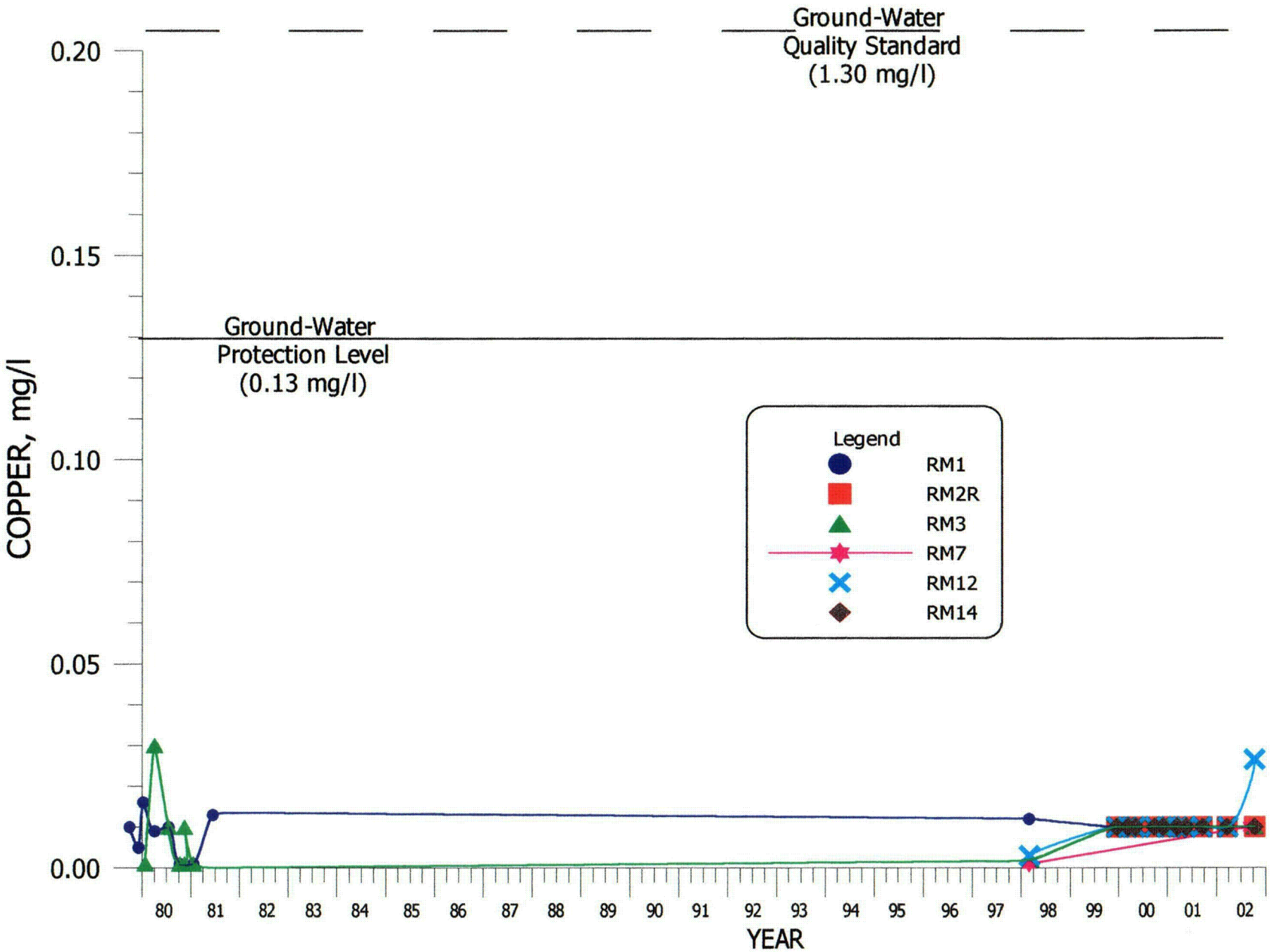

FIGURE 5-33. COPPER CONCENTRATIONS FOR ENTRADA WELLS RM1, RM2R, RM3, RM7, RM12 AND RM14.

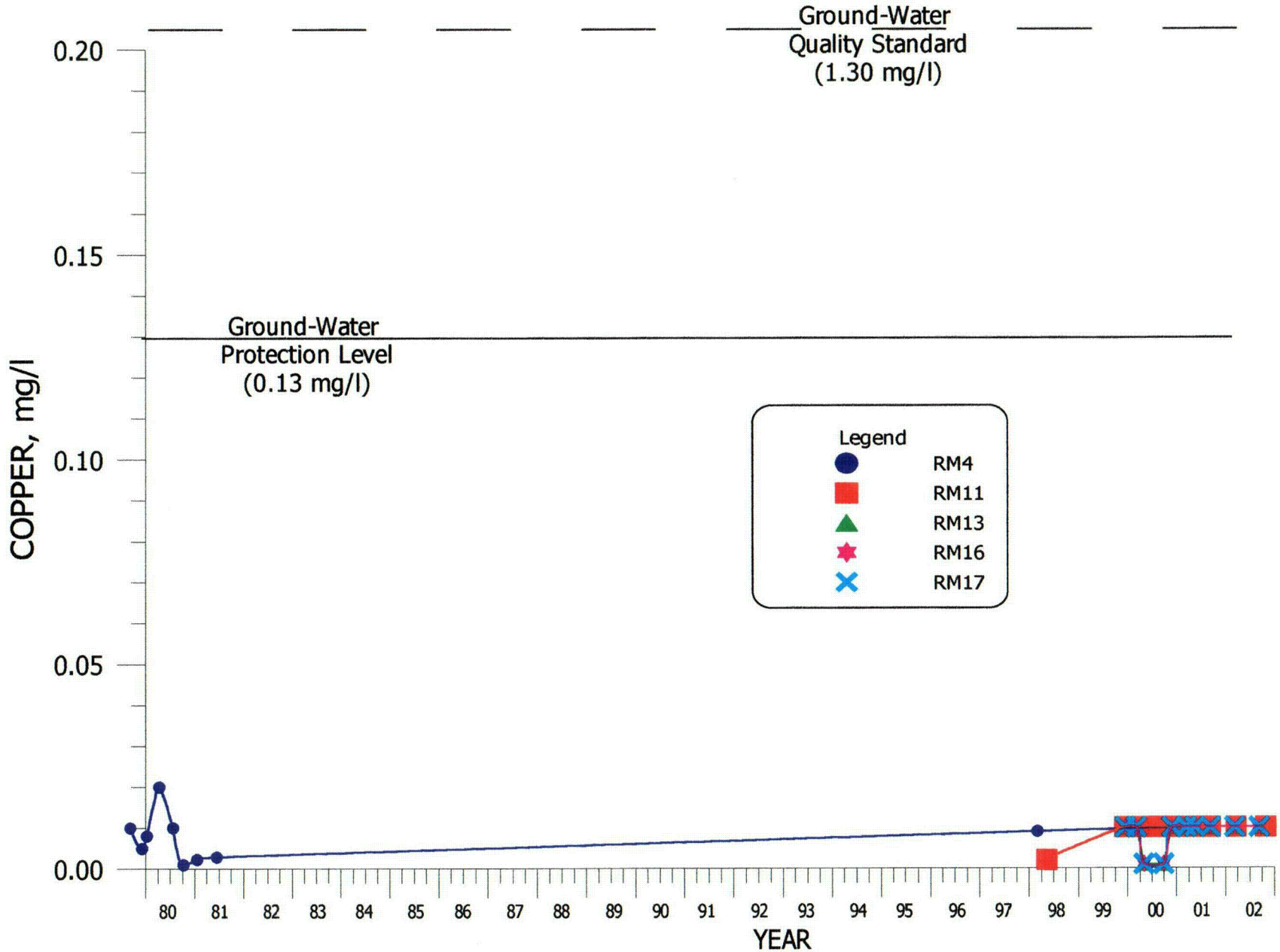

FIGURE 5-34. COPPER CONCENTRATIONS FOR ENTRADA WELLS RM4, RM11, RM13, RM16 AND RM17.

a1

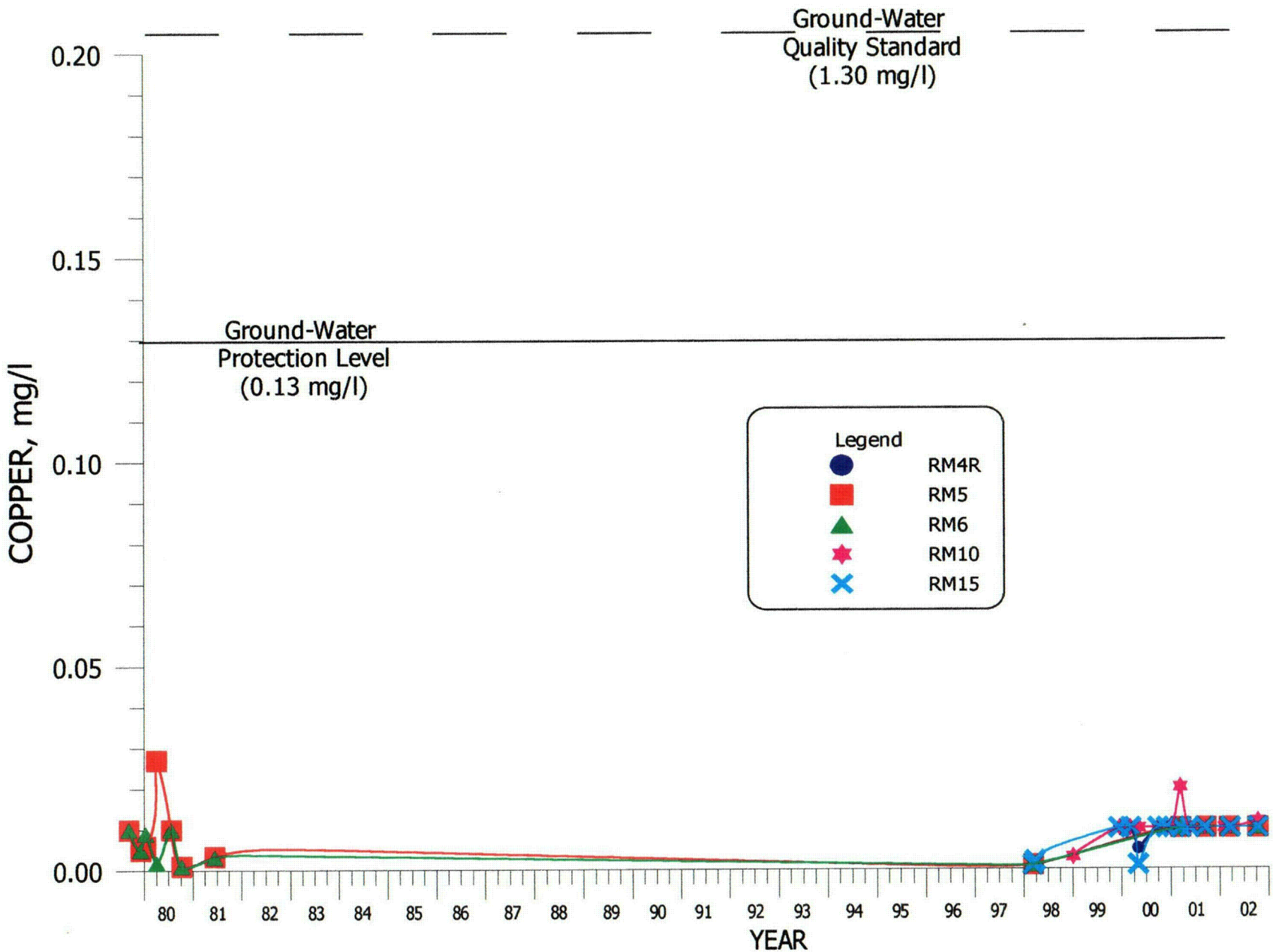

FIGURE 5-35. COPPER CONCENTRATIONS FOR ENTRADA WELLS RM4R, RM5, RM6, RM10 AND RM15.

C12

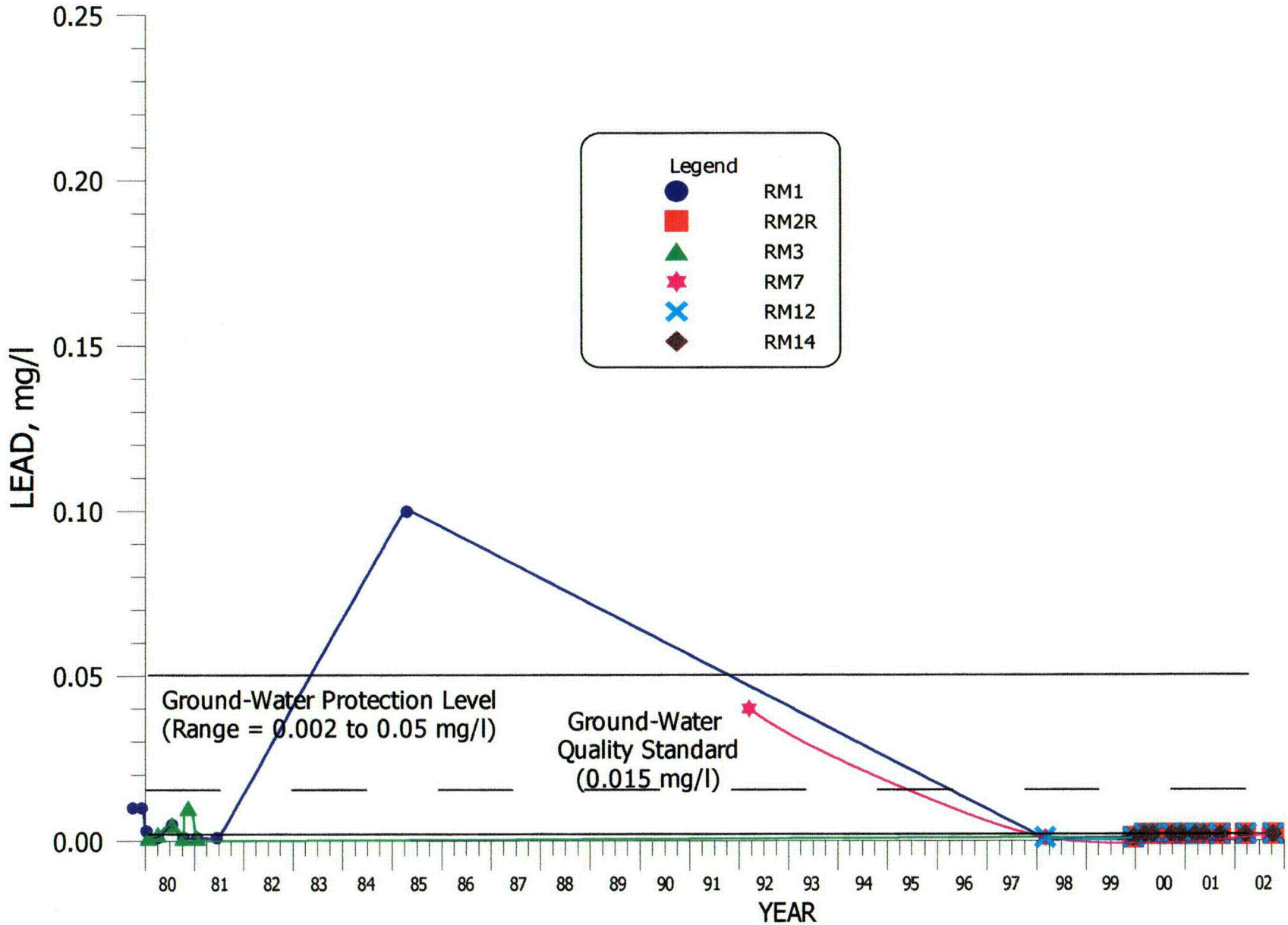

FIGURE 5-36. LEAD CONCENTRATIONS FOR ENTRADA WELLS RM1, RM2R, RM3, RM7, RM12 AND RM14.

C13

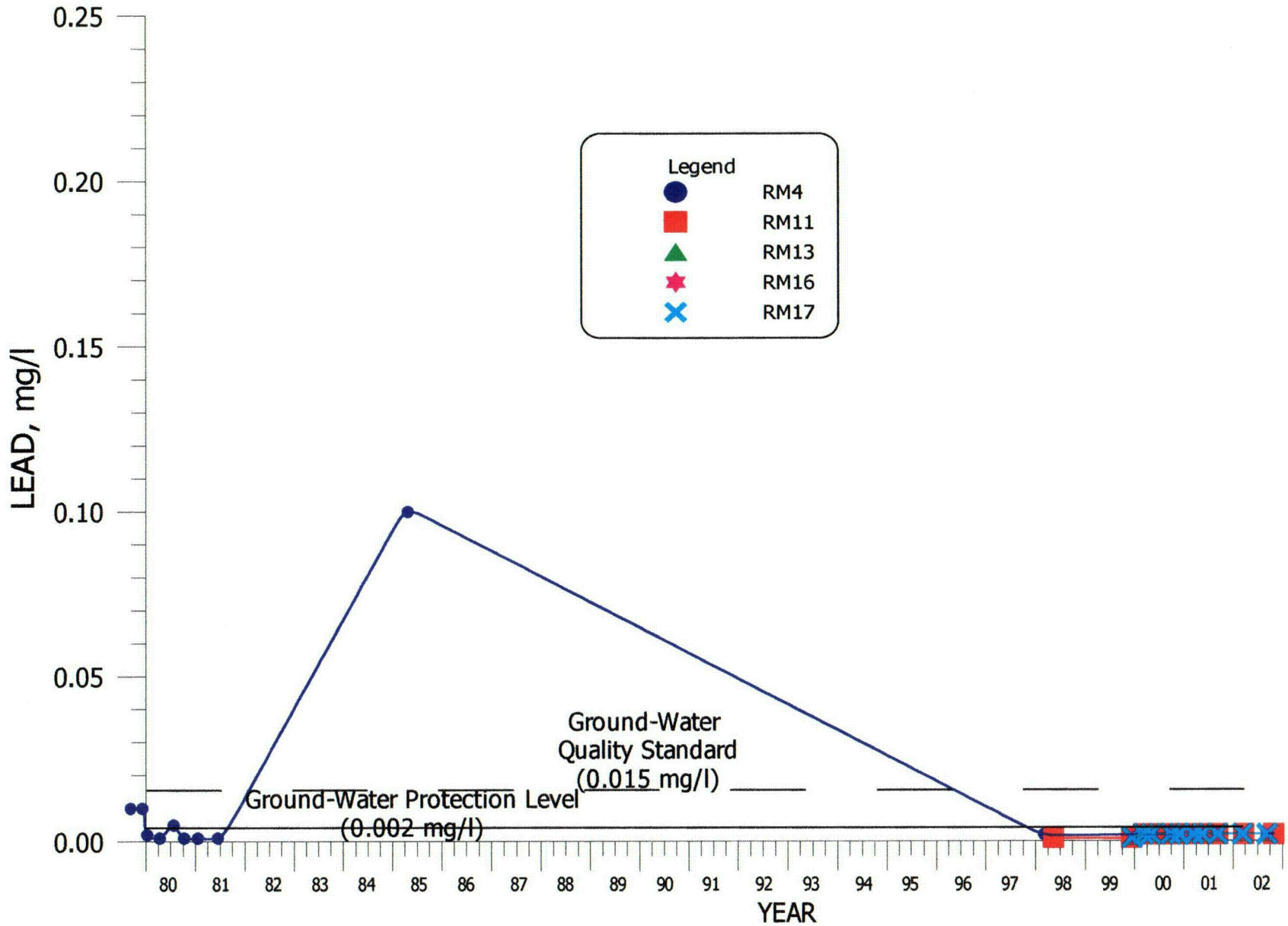

FIGURE 5-37. LEAD CONCENTRATIONS FOR ENTRADA WELLS RM4, RM11, RM13, RM16 AND RM17.

C14

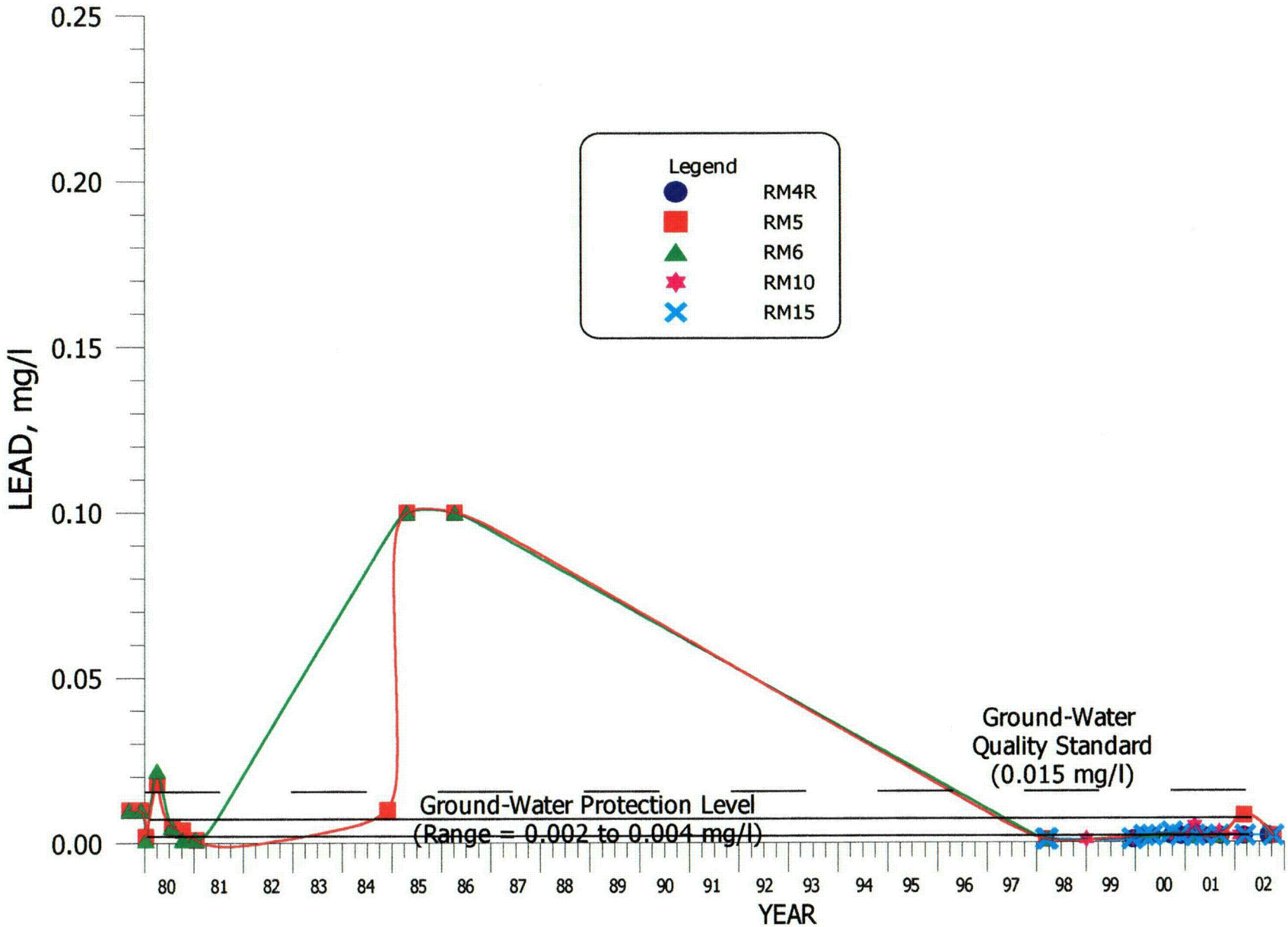

FIGURE 5-38. LEAD CONCENTRATIONS FOR ENTRADA WELLS RM4R, RM5, RM6, RM10 AND RM15.

C15

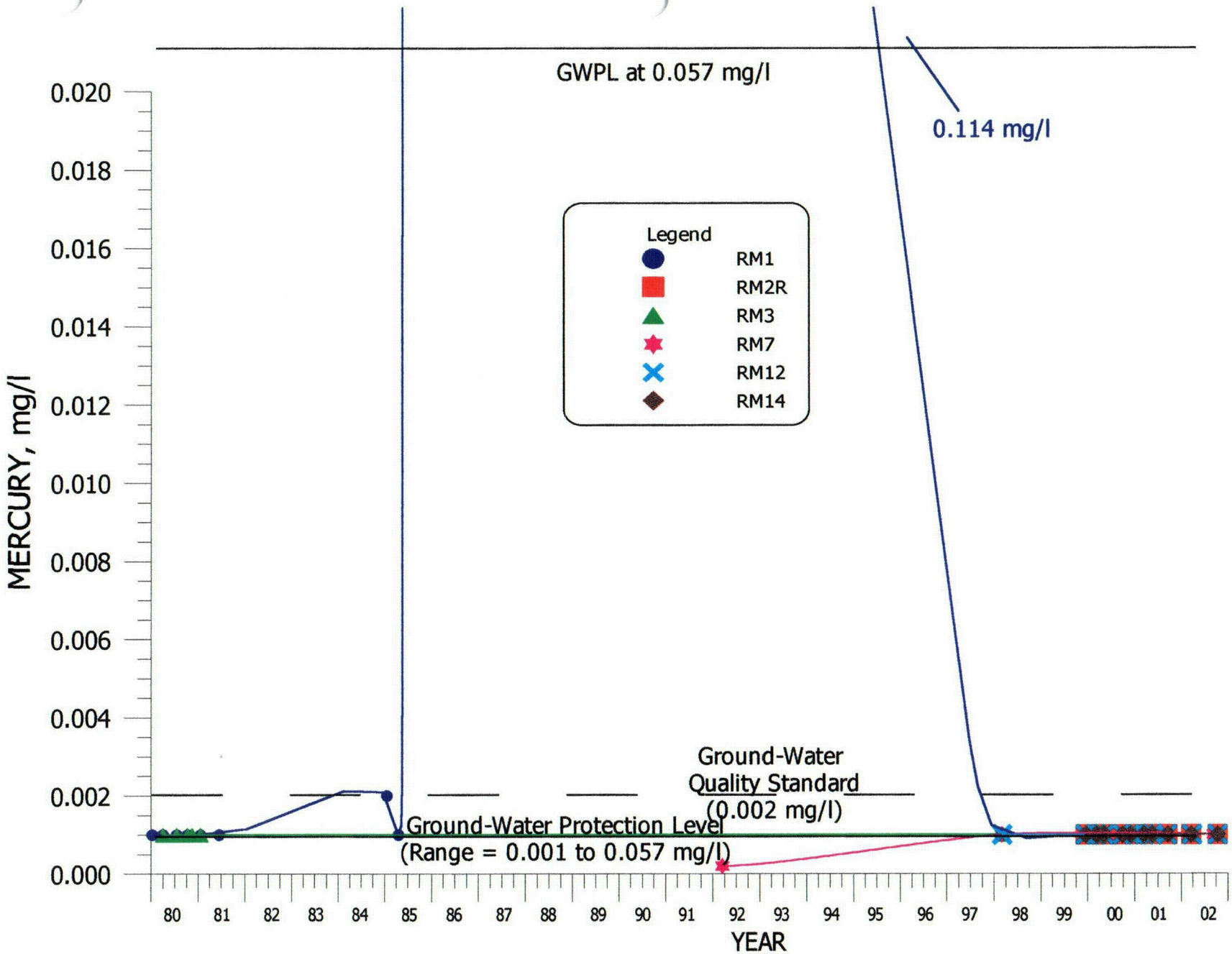

FIGURE 5-39. MERCURY CONCENTRATIONS FOR ENTRADA WELLS RM1, RM2R, RM3, RM7, RM12 AND RM14.

C16

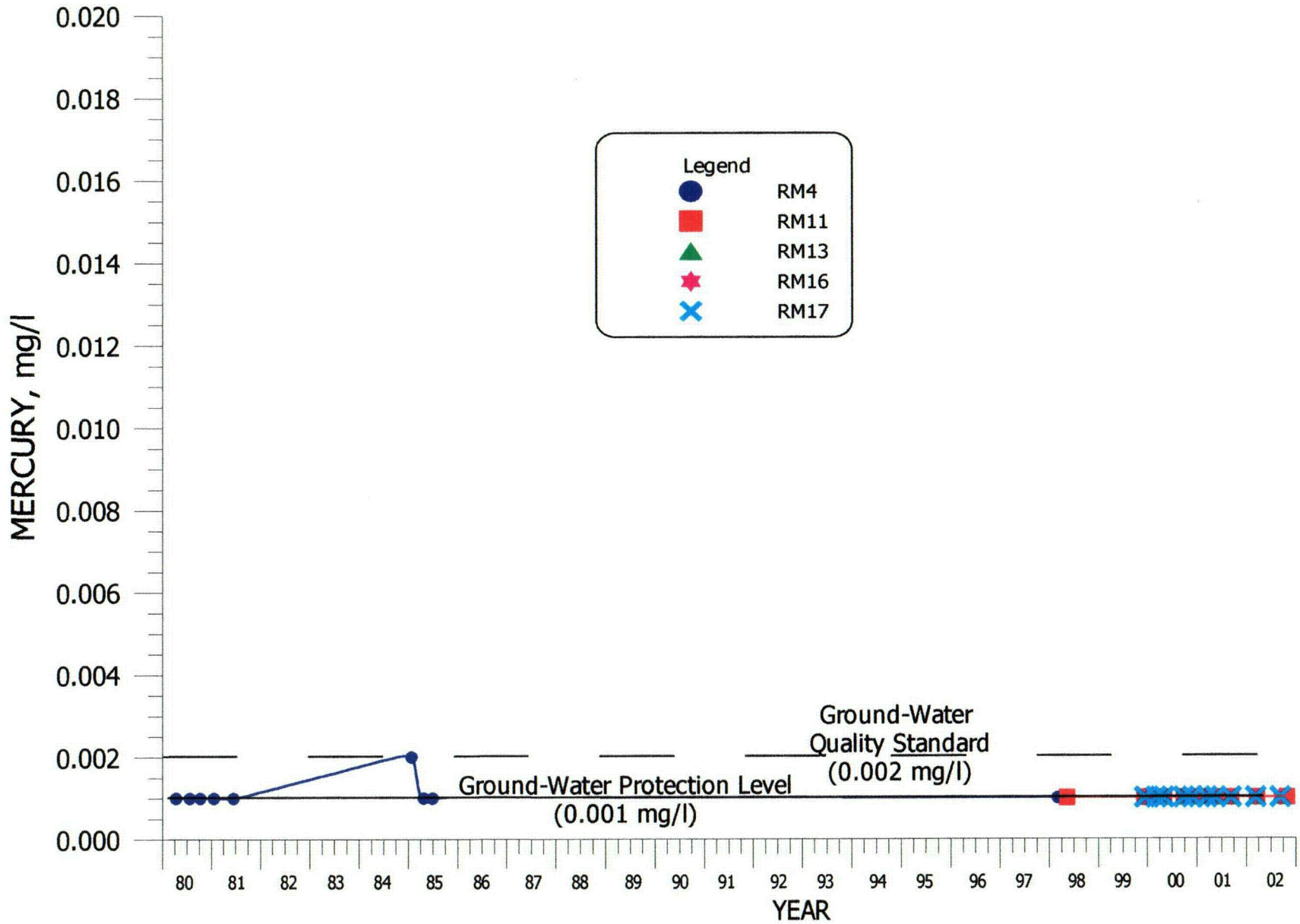

FIGURE 5-40. MERCURY CONCENTRATIONS FOR ENTRADA WELLS RM4, RM11, RM13, RM16 AND RM17.

C17

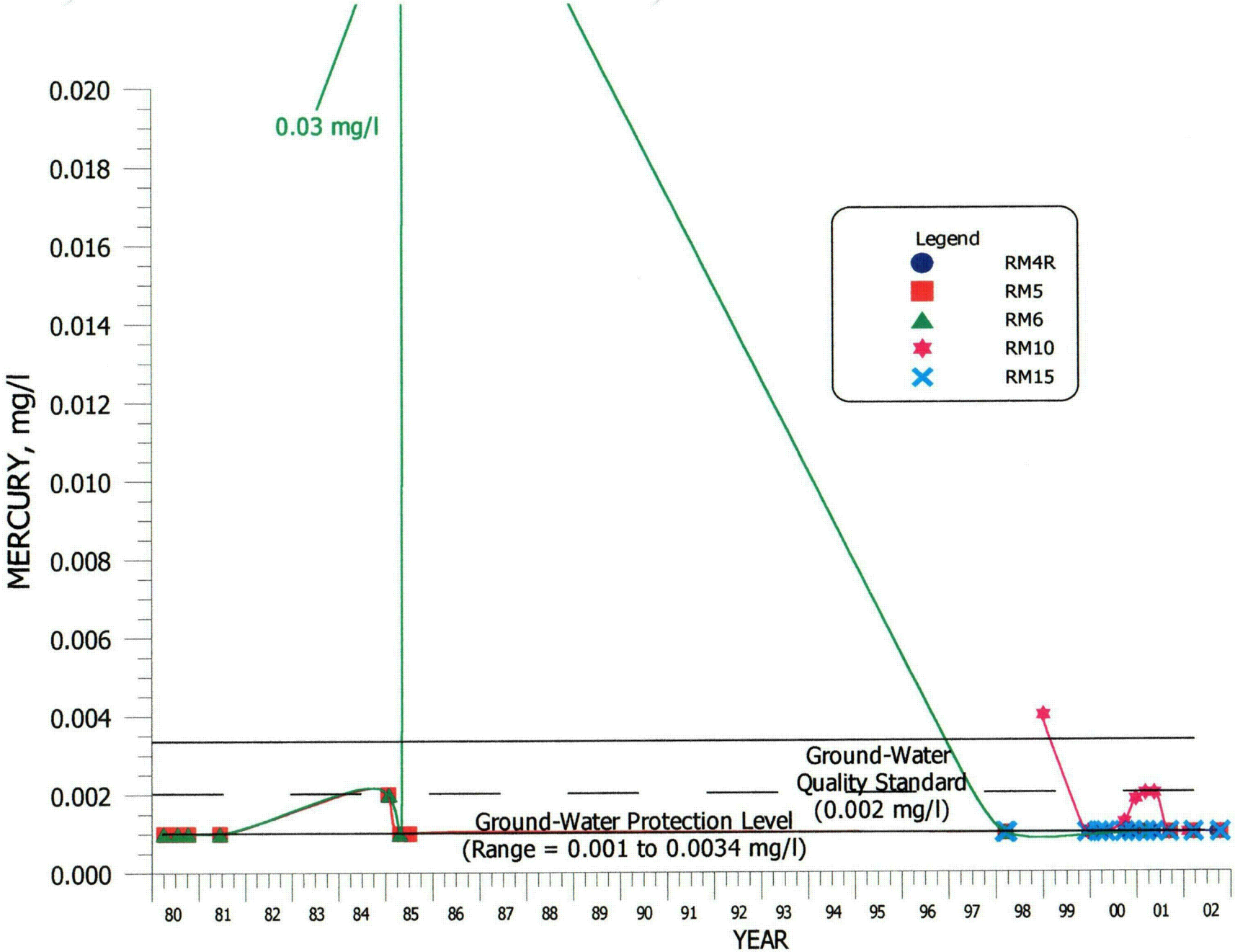

FIGURE 5-41. MERCURY CONCENTRATIONS FOR ENTRADA WELLS RM4R, RM5, RM6, RM10 AND RM15.

C18

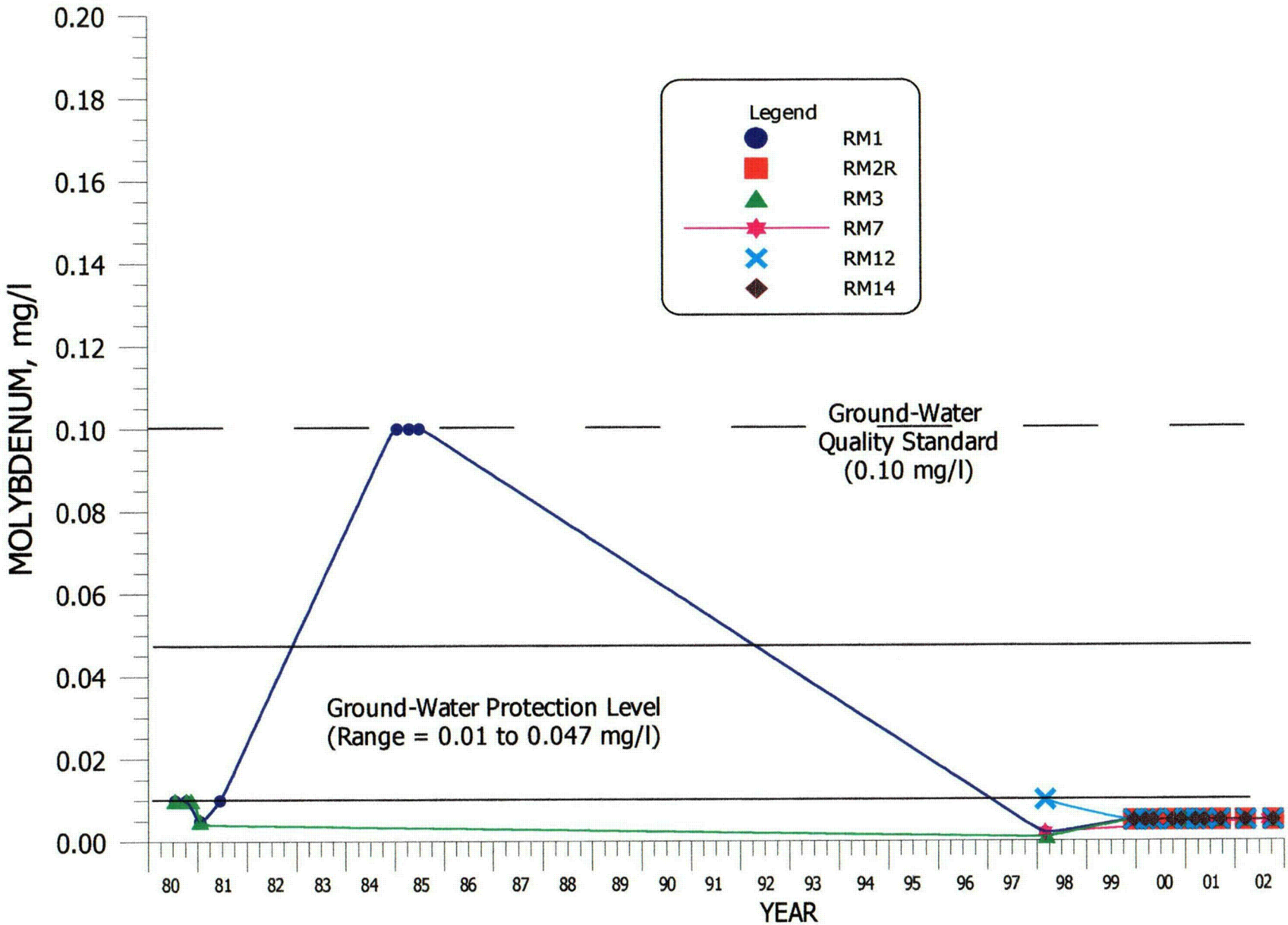

FIGURE 5-42. MOLYBDENUM CONCENTRATIONS FOR ENTRADA WELLS RM1, RM2R, RM3, RM7, RM12 AND RM14.

C19

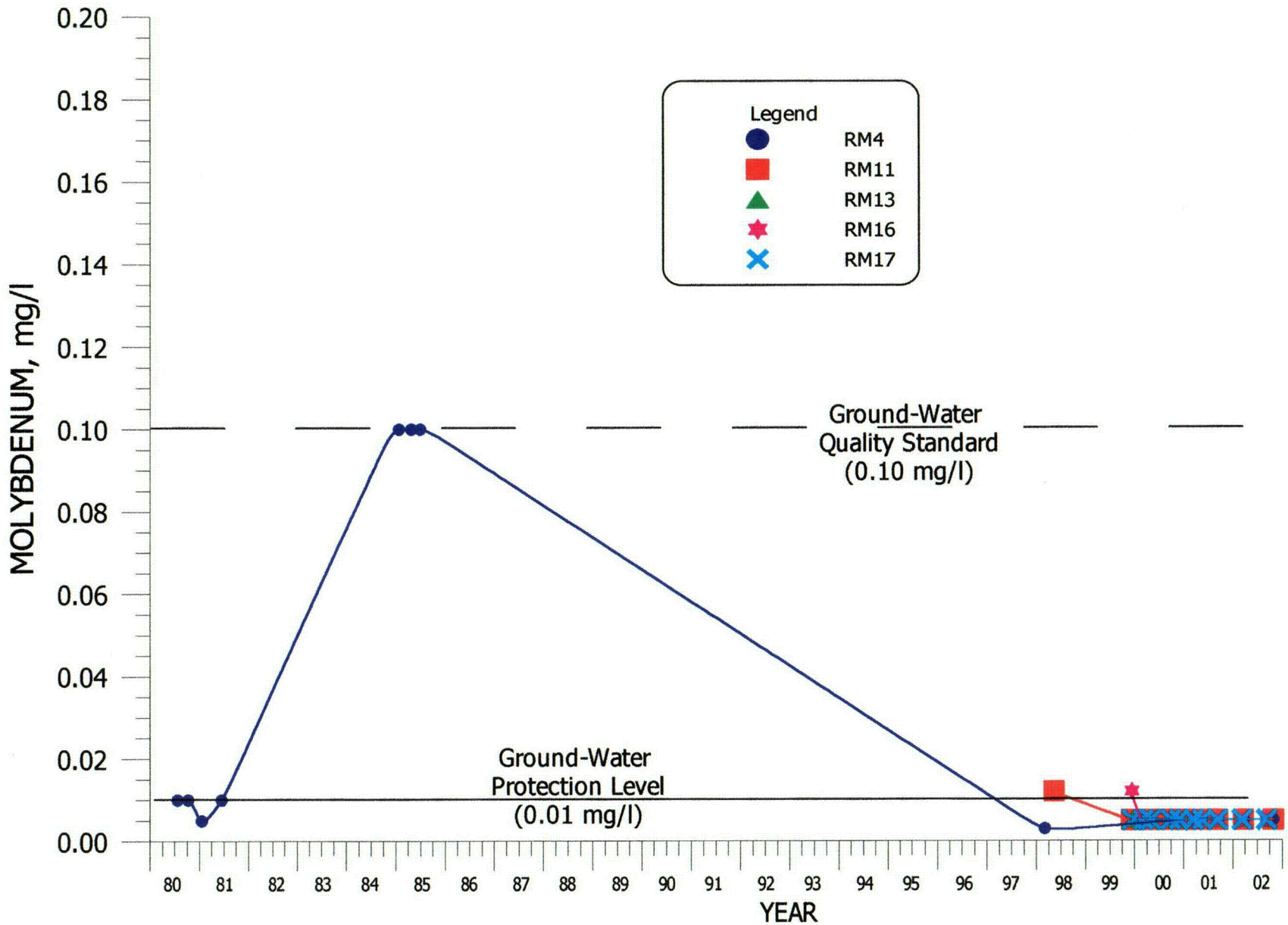

FIGURE 5-43. MOLYBDENUM CONCENTRATIONS FOR ENTRADA WELLS RM4, RM11, RM13, RM16 AND RM17.

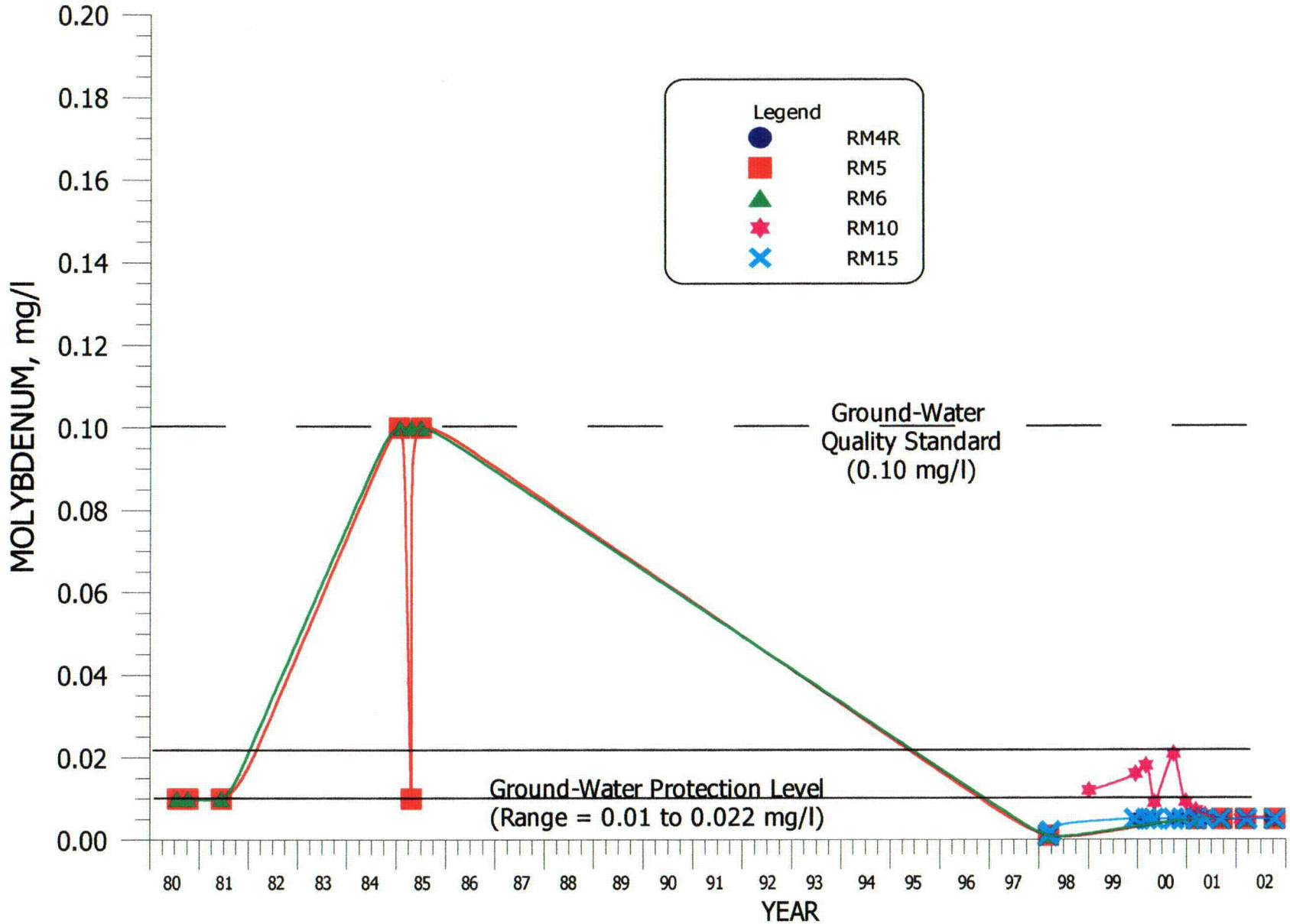

FIGURE 5-44. MOLYBDENUM CONCENTRATIONS FOR ENTRADA WELLS RM4R, RM5, RM6, RM10 AND RM15.

C21

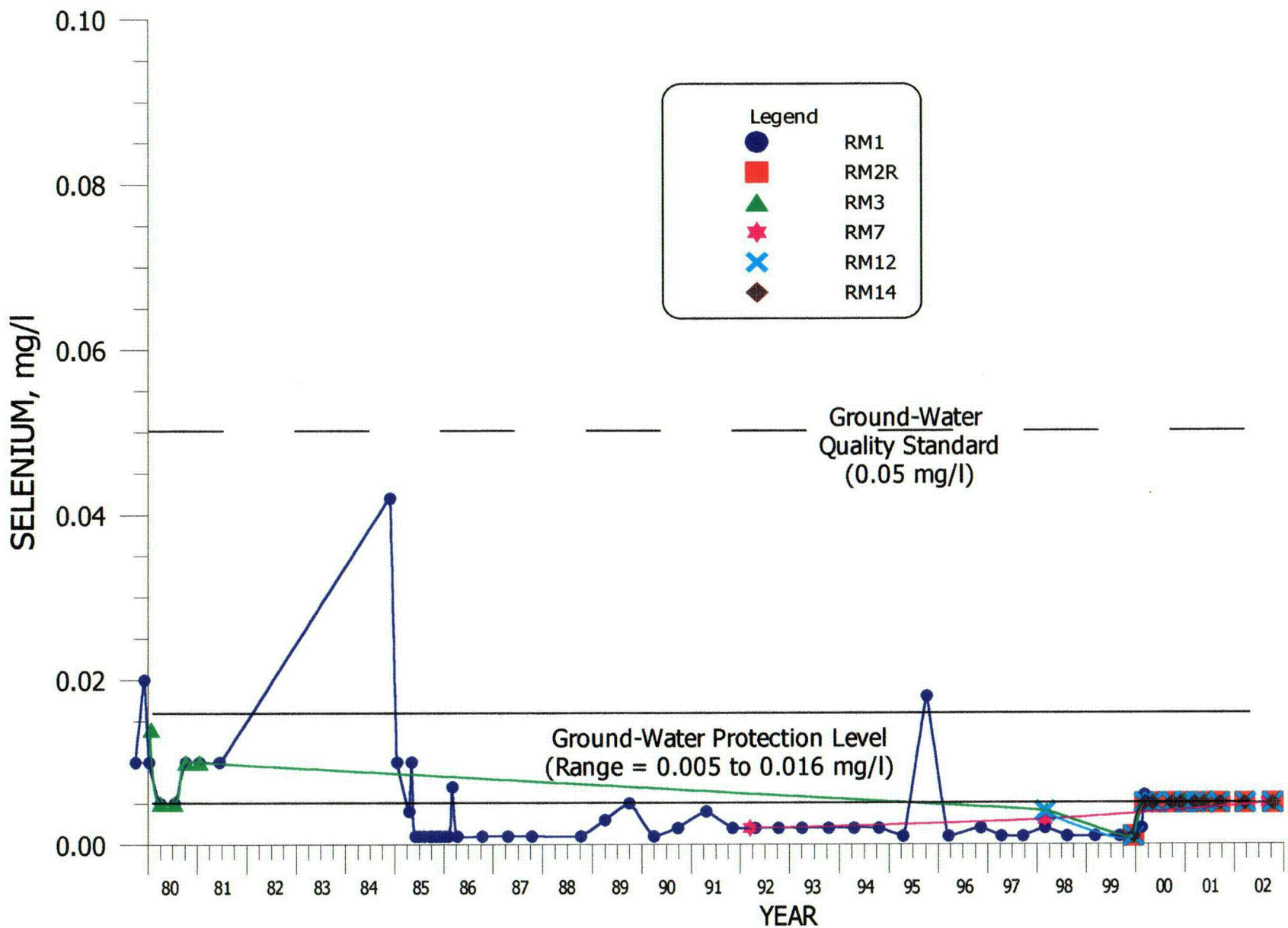

FIGURE 5-45. SELENIUM CONCENTRATIONS FOR ENTRADA WELLS RM1, RM2R, RM3, RM7, RM12 AND RM14.

C22

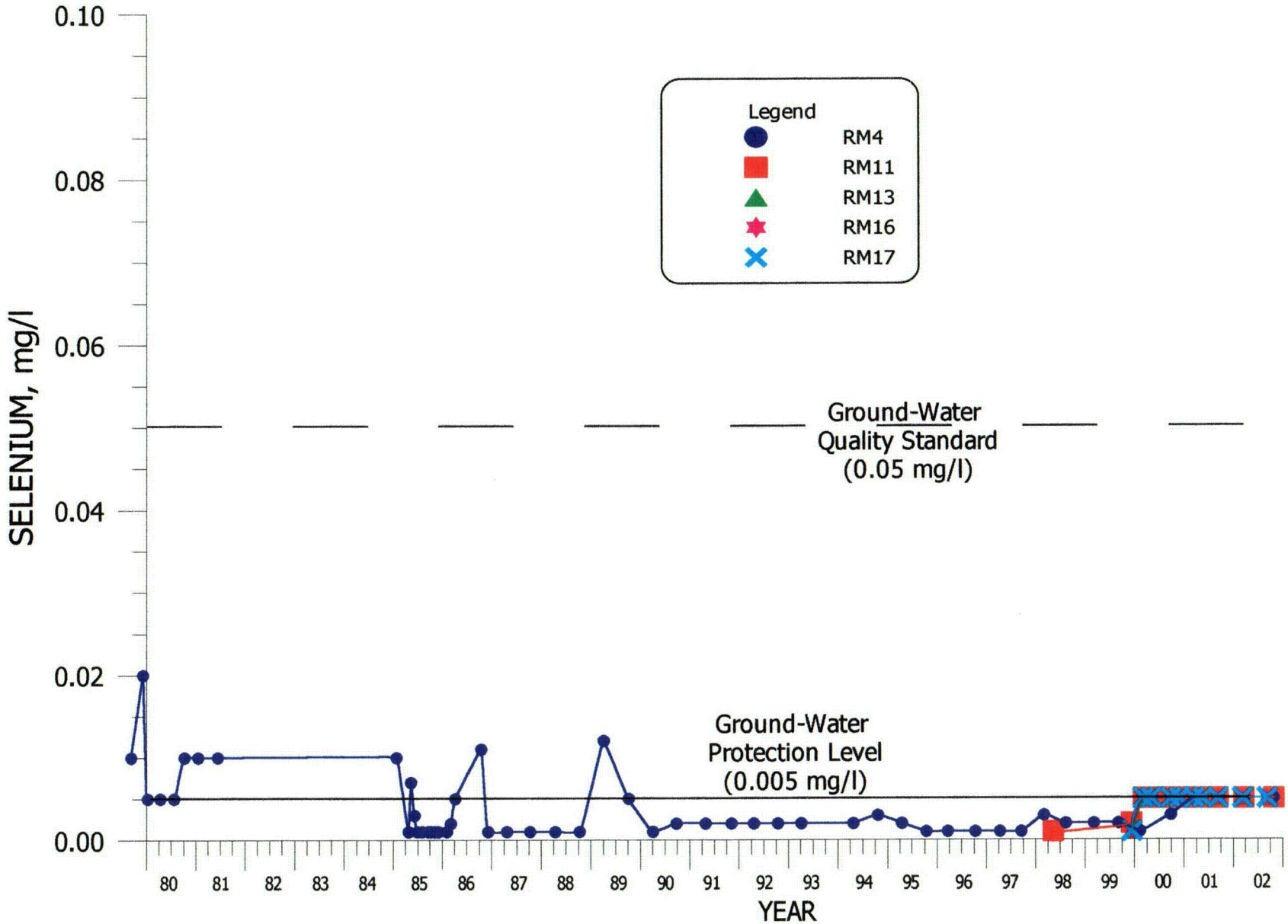

FIGURE 5-46. SELENIUM CONCENTRATIONS FOR ENTRADA WELLS RM4, RM11, RM13, RM16 AND RM17.

C23

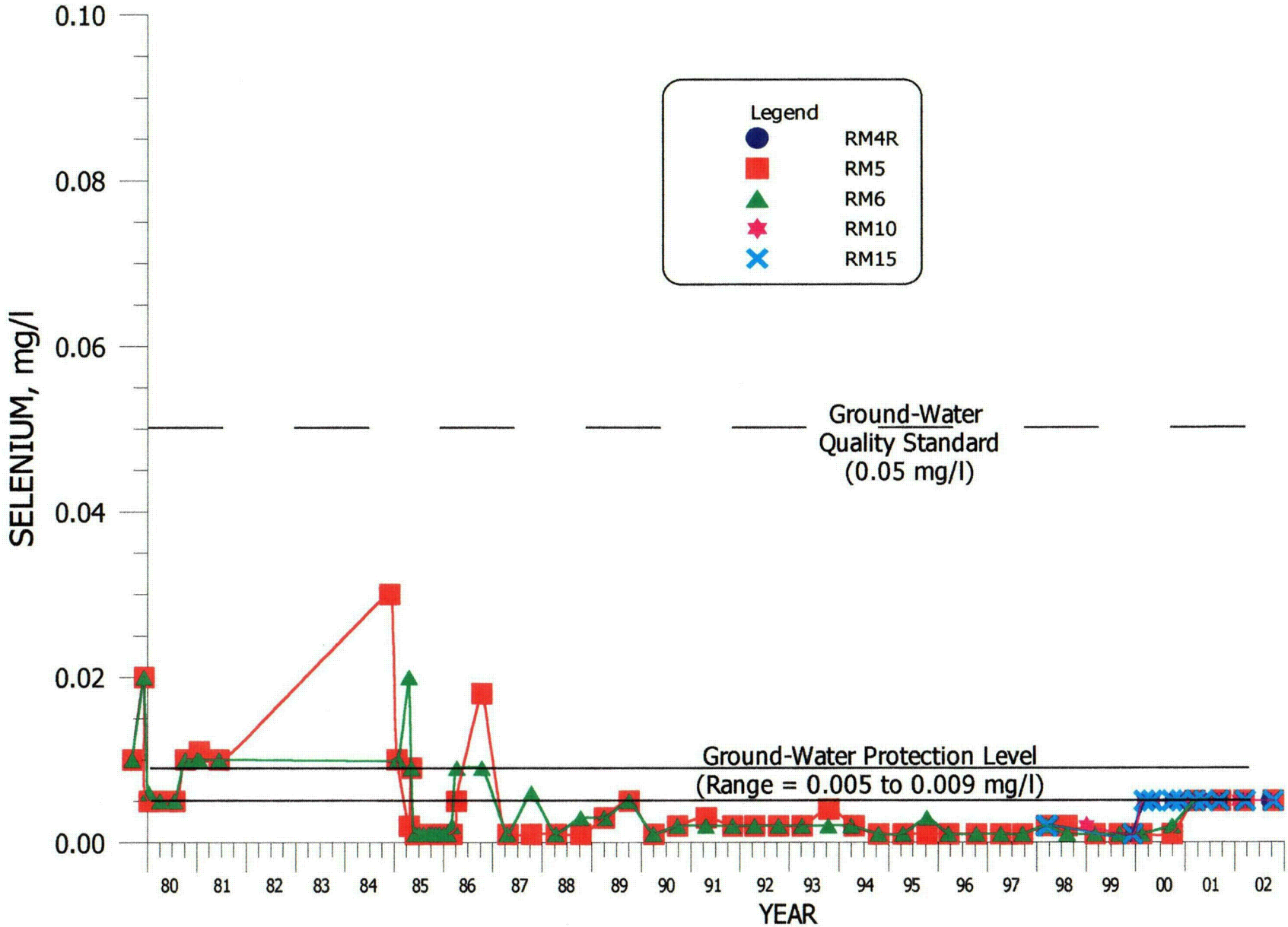

FIGURE 5-47. SELENIUM CONCENTRATIONS FOR ENTRADA WELLS RM4R, RM5, RM6, RM10 AND RM15.

C24

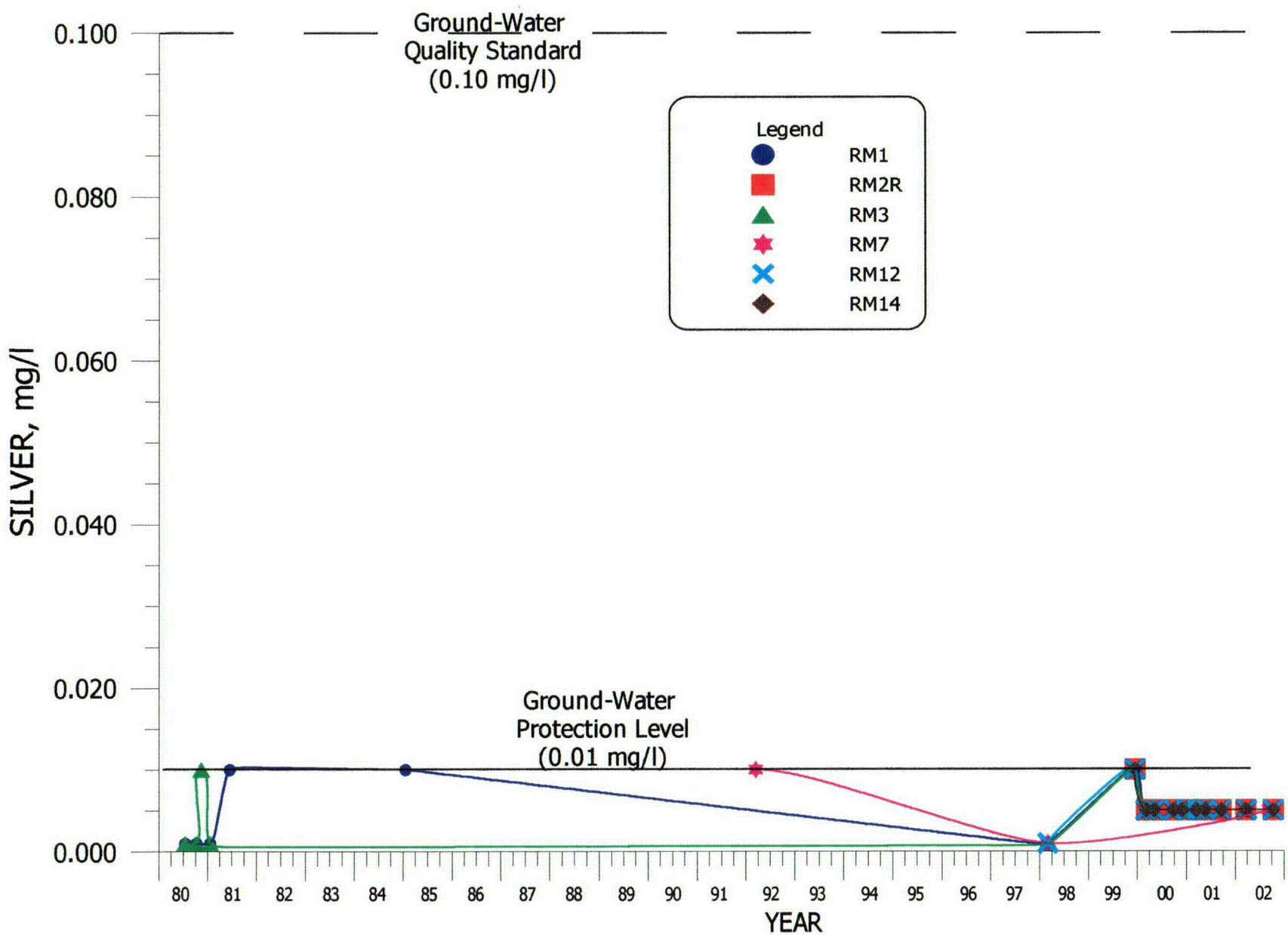

FIGURE 5-48. SILVER CONCENTRATIONS FOR ENTRADA WELLS RM1, RM2R, RM3, RM7, RM12 AND RM14.

C25

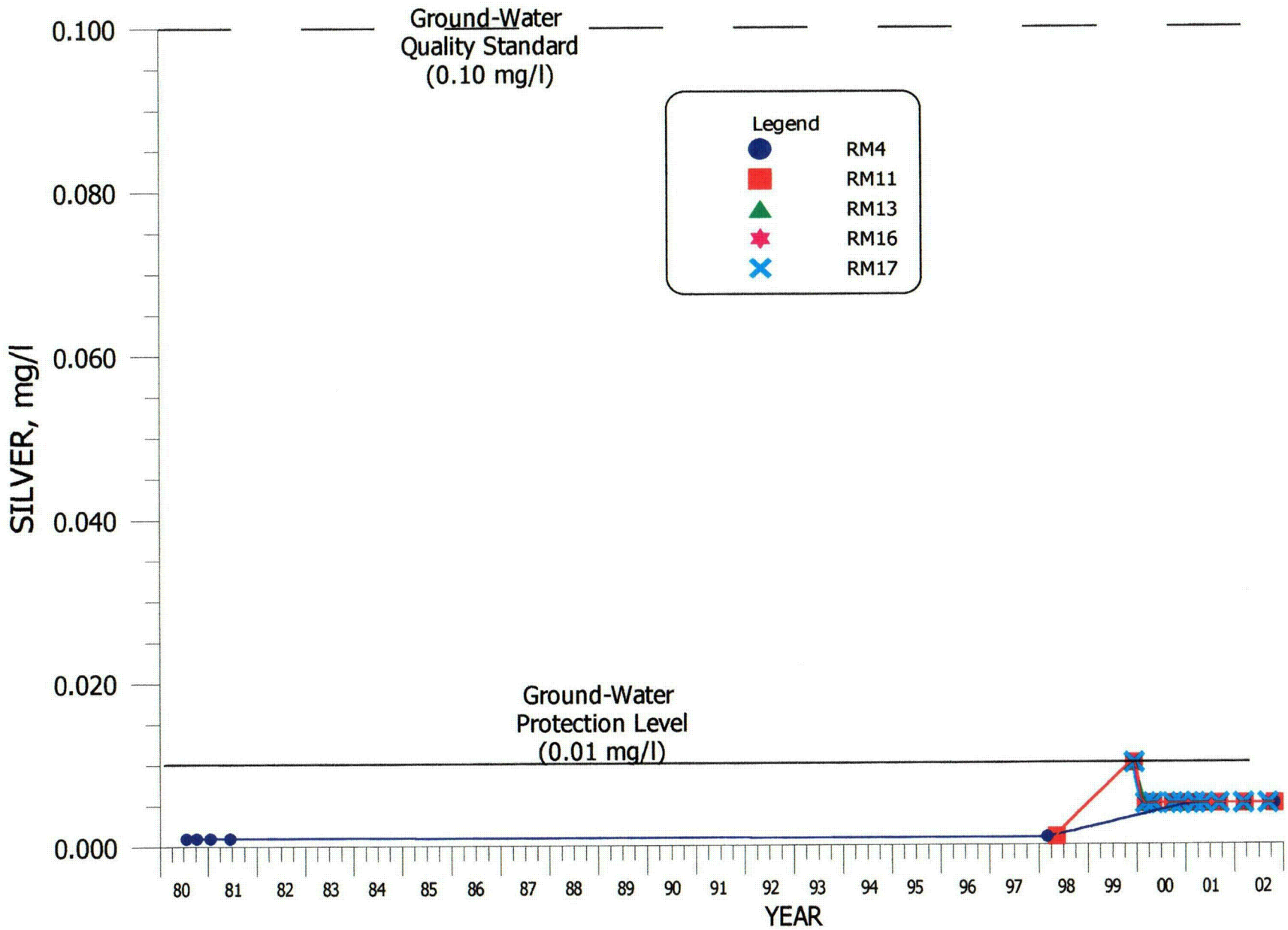

FIGURE 5-49. SILVER CONCENTRATIONS FOR ENTRADA WELLS RM4, RM11, RM13, RM16 AND RM17.

C26

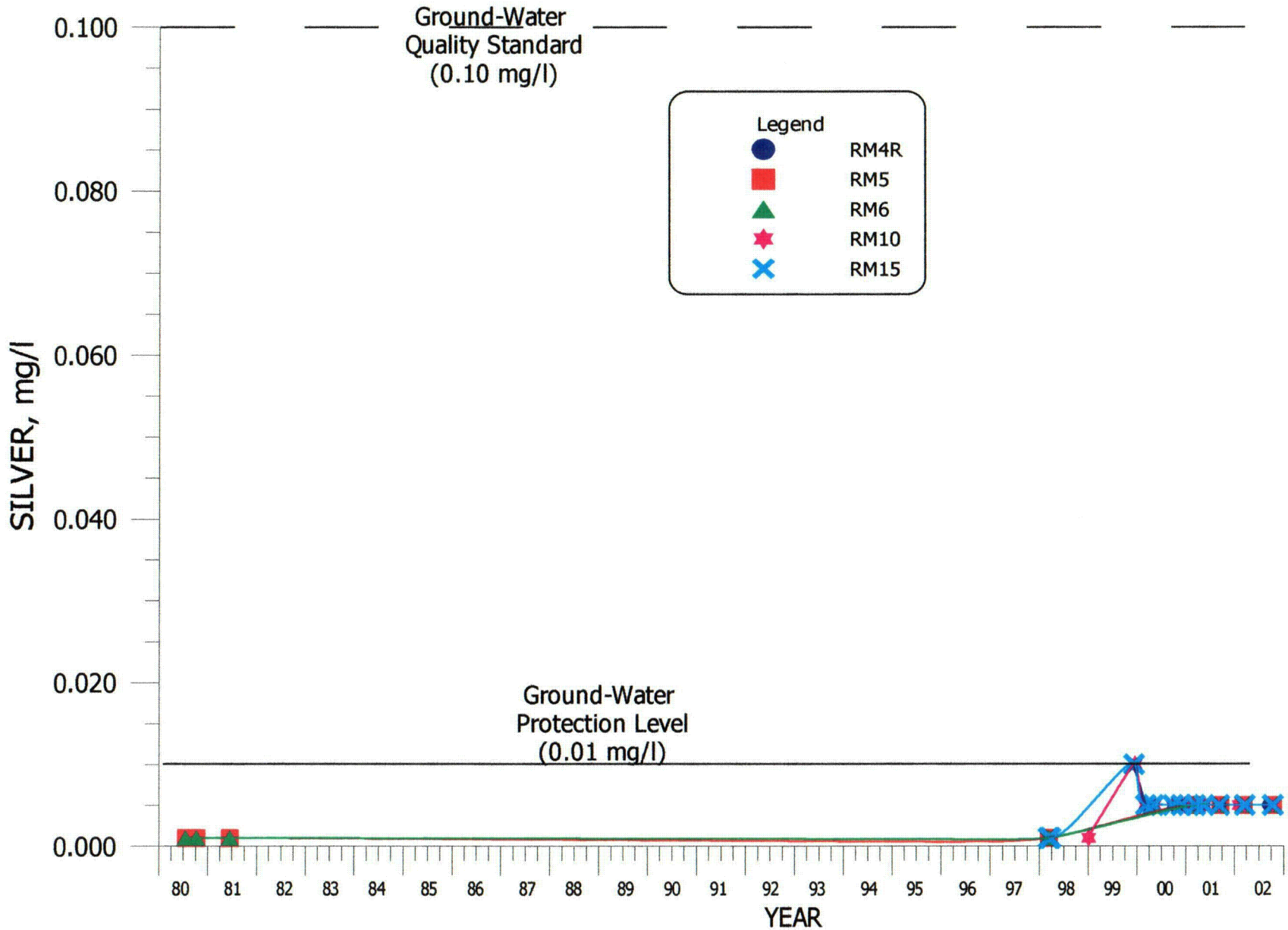

FIGURE 5-50. SILVER CONCENTRATIONS FOR ENTRADA WELLS RM4R, RM5, RM6, RM10 AND RM15.

C27

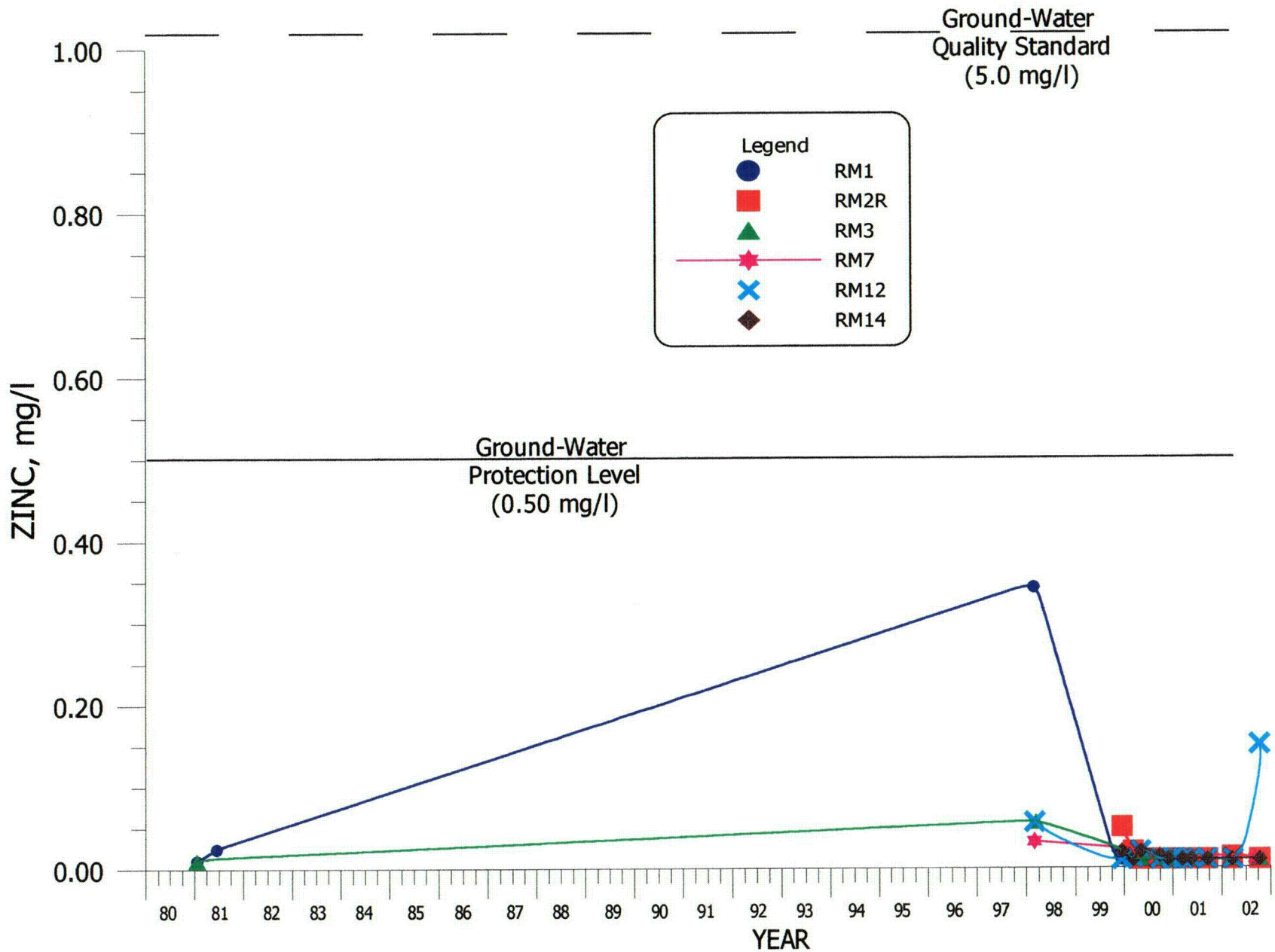

FIGURE 5-51. ZINC CONCENTRATIONS FOR ENTRADA WELLS RM1, RM2R, RM3, RM7, RM12 AND RM14.

C28

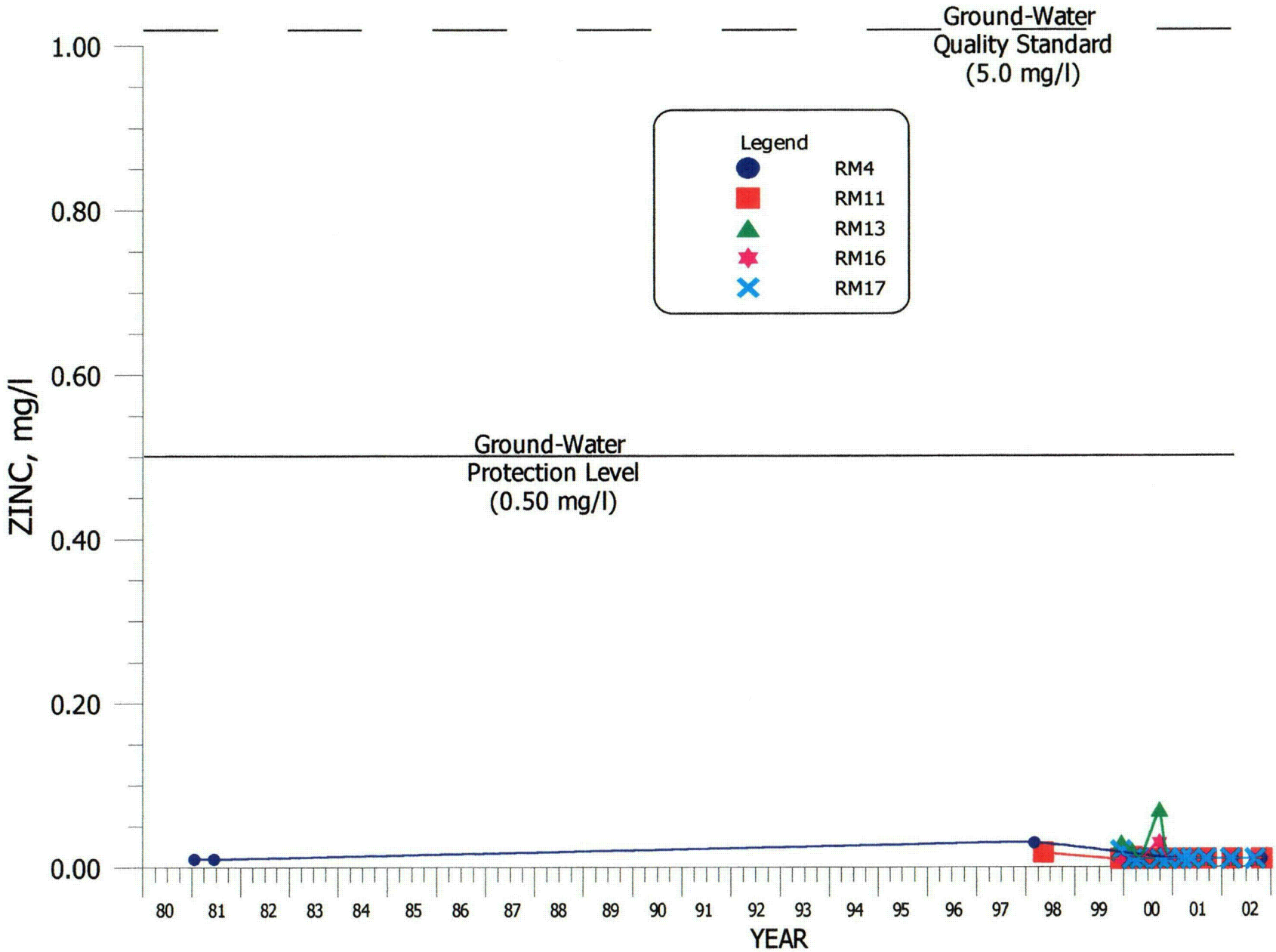

FIGURE 5-52. ZINC CONCENTRATIONS FOR ENTRADA WELLS RM4, RM11, RM13, RM16 AND RM17.

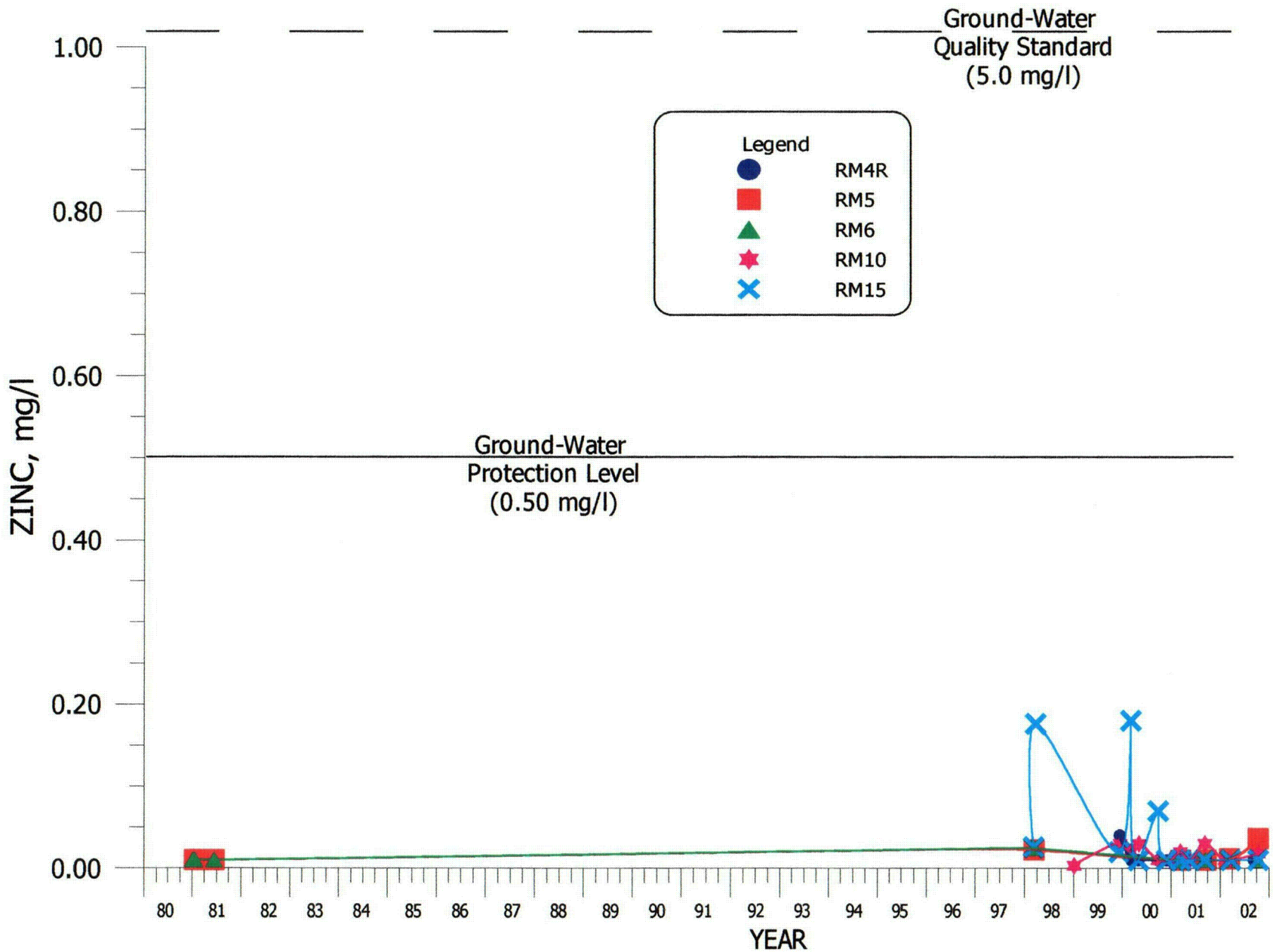

FIGURE 5-53. ZINC CONCENTRATIONS FOR ENTRADA WELLS RM4R, RM5, RM6, RM10 AND RM15.

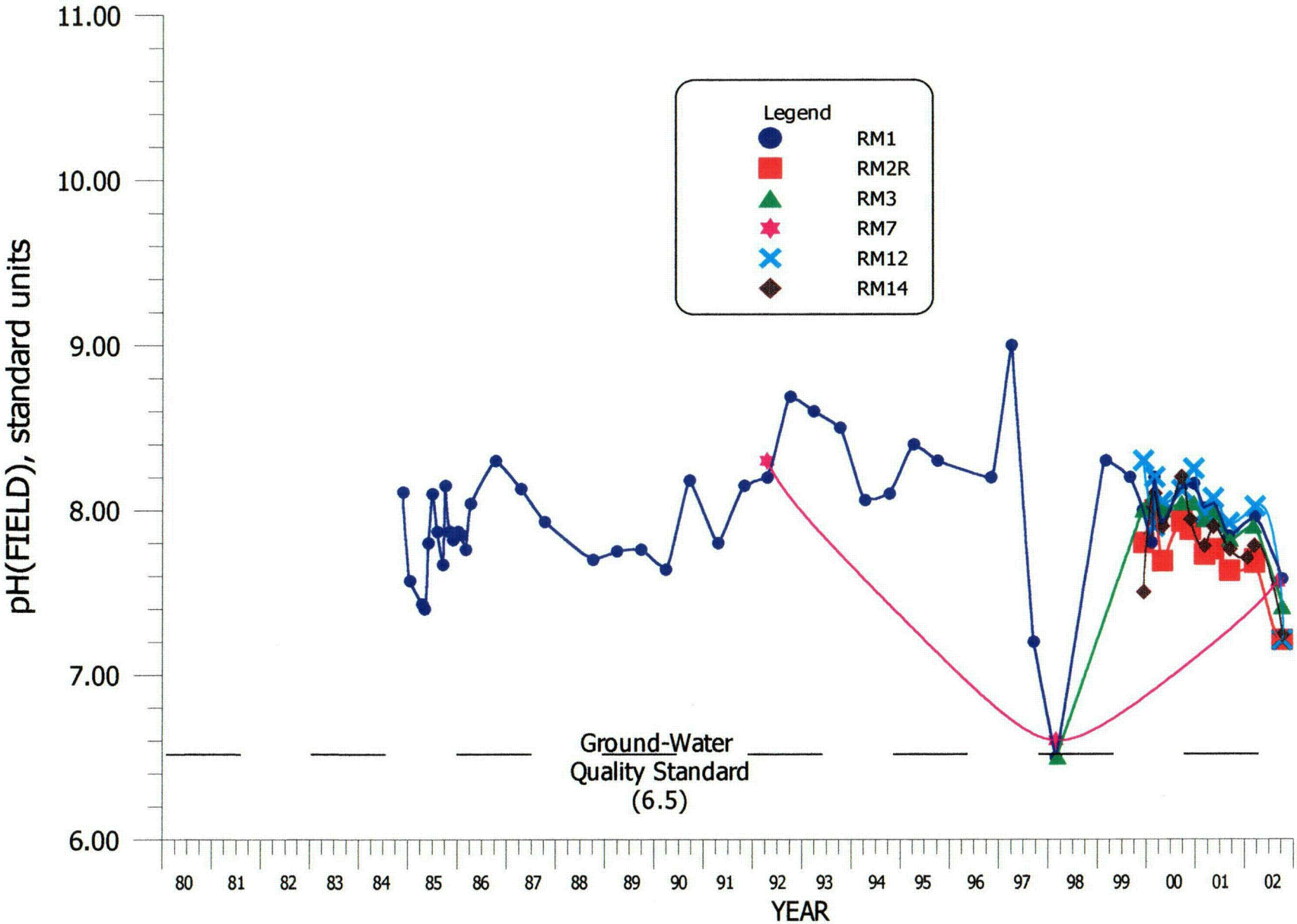

FIGURE 5-54. pH(FIELD) FOR ENTRADA WELLS RM1, RM2R, RM3, RM7, RM12 AND RM14.

C31

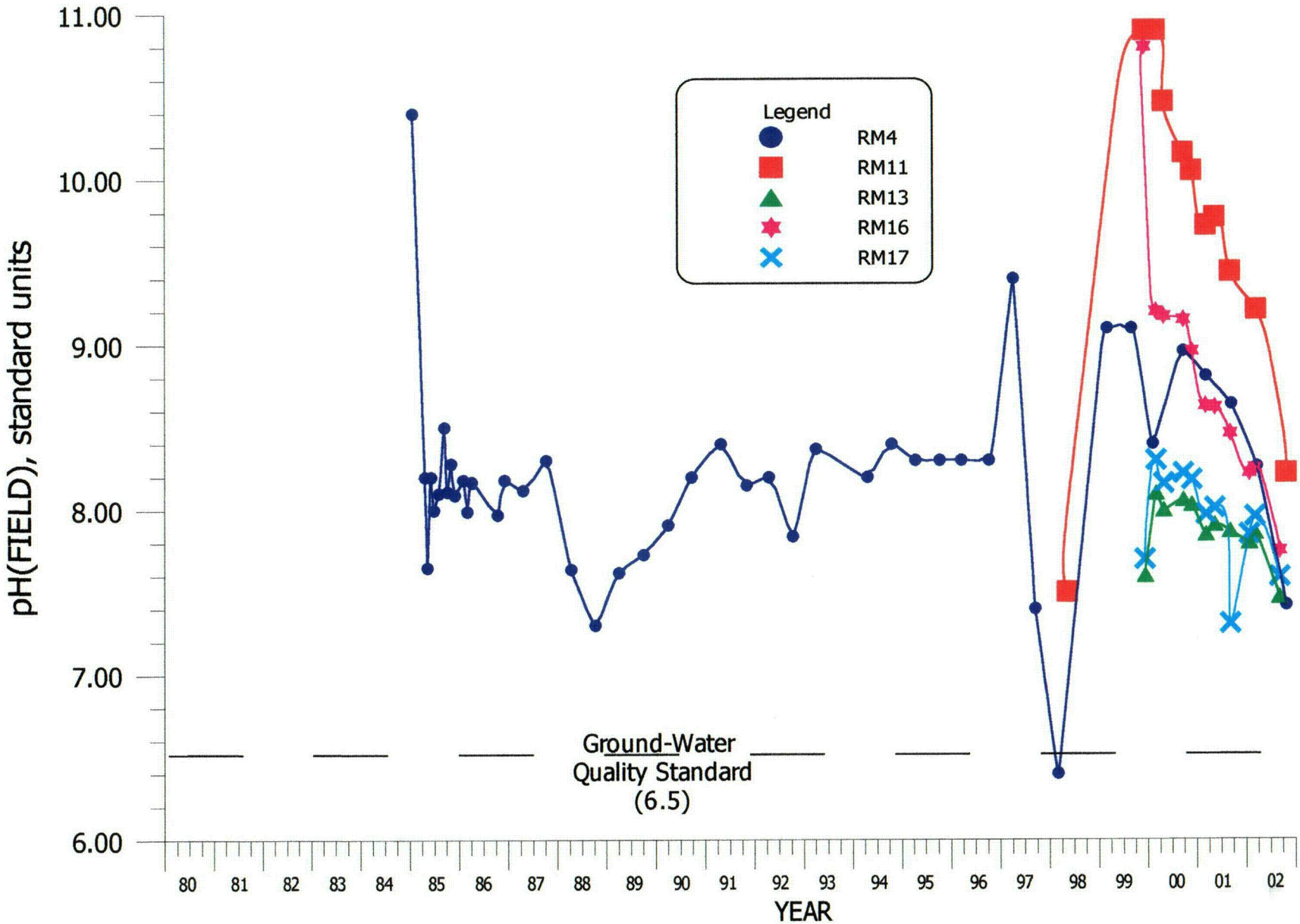

FIGURE 5-55. pH(FIELD) FOR ENTRADA WELLS RM4, RM11, RM13, RM16 AND RM17.

C32

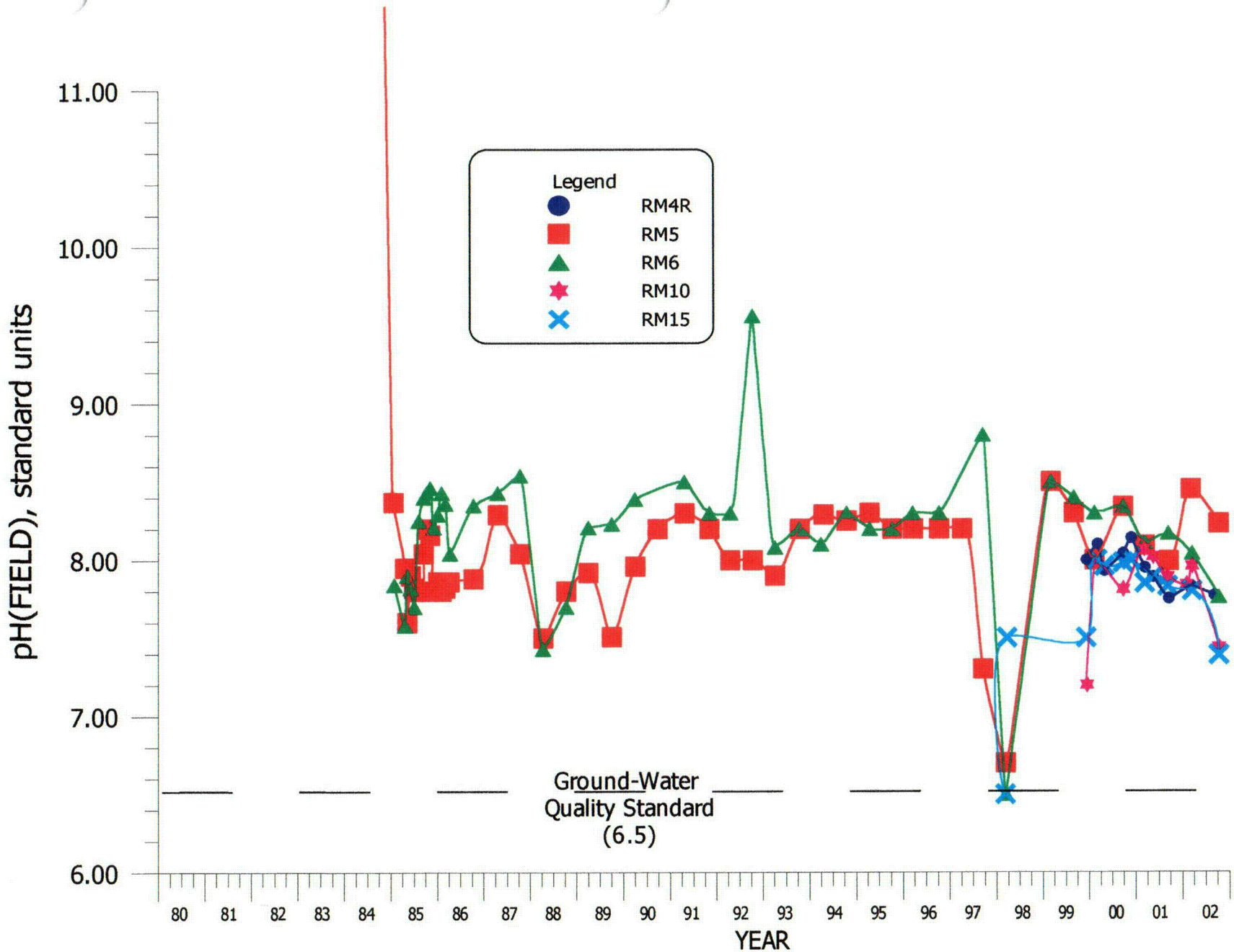

FIGURE 5-56. pH(FIELD) FOR ENTRADA WELLS RM4R, RM5, RM6, RM10 AND RM15.

C33

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET.

PLATEAU RESOURCES, LTD.

Well Name	Date	pH(f) (std.)	Temp (deg.C)	Cond(f) (umhos)	TDS (mg/l)	SO4 (mg/l)	Cl (mg/l)	Unat (mg/l)	F (mg/l)
RM1	08/20/1979	---	---	---	---	40.5	7.2	---	---
	09/26/1979	---	---	---	280	55	---	---	---
	12/04/1979	---	---	---	180	39	7	0.0013	---
	01/09/1980	---	---	---	160	44	---	< 0.00060	---
	04/02/1980	---	---	---	210	40	6.2	0.0024	---
	07/17/1980	---	---	---	200	16	7	0.0013	0.3
	10/08/1980	---	---	---	220	21	7	0.0014	0.27
	01/08/1981	---	---	---	---	---	---	0.0002	---
	01/20/1981	---	---	---	240	24	6	0.00017	0.13
	02/01/1981	---	---	---	---	---	---	0.0016	---
	03/04/1981	---	---	---	---	---	---	0.0087	---
	04/14/1981	---	---	---	---	---	---	< 0.00500	---
	05/27/1981	---	---	---	---	---	---	0.0072	---
	06/16/1981	---	---	---	270	72	7.6	< 0.00500	0.14
	06/23/1981	---	---	---	---	---	---	0.0044	---
	08/18/1981	---	---	---	---	---	---	0.0035	---
	12/23/1981	---	---	---	---	---	---	0.0055	---
	11/28/1984	8.11	---	---	229	7.4	9.6	---	---
	01/18/1985	7.57	---	---	301	19.8	6.5	0.0078	---
	04/18/1985	7.43	---	---	261	2.1	8.9	0.005	---
	05/08/1985	7.4	---	---	---	---	---	---	---
	06/04/1985	7.8	---	---	---	---	---	---	---
	07/03/1985	8.1	---	---	379	1.8	10.2	< 0.00030	---
	08/08/1985	7.87	---	---	---	---	---	---	---
	09/18/1985	7.67	---	---	---	---	---	---	---
	10/07/1985	8.15	---	310	---	2.1	10.2	---	---
	11/04/1985	7.87	---	300	---	---	---	---	---
	12/02/1985	7.82	---	300	---	---	---	---	---
	01/08/1986	7.87	---	---	---	---	2.3	---	---
	02/03/1986	7.85	---	---	---	---	---	---	---
	03/04/1986	7.76	---	320	---	---	---	---	---
	04/10/1986	8.04	---	340	379	1.8	9.7	0.005	---
	10/14/1986	8.3	---	320	---	---	---	---	---
	04/21/1987	8.13	---	340	---	---	---	---	---
	10/15/1987	7.93	---	340	---	---	---	---	---
	10/10/1988	7.7	---	320	---	---	17.9	---	---
	04/03/1989	7.75	---	---	---	---	12.4	---	---
	10/02/1989	7.76	---	320	---	---	< 0.5	---	---
	04/02/1990	7.64	---	335	---	---	8.2	---	---
	09/24/1990	8.18	---	380	---	---	5	---	---
	04/22/1991	7.8	---	330	---	---	9	---	---
	11/05/1991	8.15	---	330	---	---	9	---	---
	04/22/1992	8.2	---	280	---	---	6	---	---
	10/12/1992	8.69	---	320	---	---	6	---	---
	04/05/1993	8.6	---	640	---	---	6	---	---
	10/15/1993	8.5	---	---	---	---	6	---	---
	04/20/1994	8.06	---	600	---	---	7	---	---

C3.4

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	pH(f) (std.)	Temp (deg.C)	Cond(f) (umhos)	TDS (mg/l)	SO4 (mg/l)	Cl (mg/l)	Unat (mg/l)	F (mg/l)
RM1	10/18/1994	8.1	---	---	---	---	6	---	---
	04/17/1995	8.4	---	360	---	---	5.8	---	---
	10/10/1995	8.3	---	---	---	---	5.8	---	---
	03/19/1996	---	---	---	---	---	6.4	---	---
	11/12/1996	8.2	---	---	---	---	4.3	---	---
	04/13/1997	9	---	362	---	---	6.3	---	---
	09/21/1997	7.2	---	370	---	---	5.9	0.004	---
	03/04/1998	6.5	---	440	---	20.5	5.3	0.0044	0.3
	08/14/1998	---	18	385	---	---	6.2	0.0042	---
	03/08/1999	8.3	15.5	380	---	---	6.5	0.0045	---
	09/04/1999	8.2	18	380	---	---	6.6	0.0073	---
	12/11/1999	8	14.4	410	190	20.4	7.3	---	0.28
	12/11/1999	---	---	---	# 198	# 20.7	# 7.6	---	# 0.28
	02/14/2000	7.8	16	365	---	---	---	0.0043	---
	03/05/2000	8.2	16.1	381	185	19.7	5.9	---	0.29
	05/02/2000	7.91	18.9	375	208	19.2	6.1	---	0.27
	09/28/2000	8.14	17.9	372	194	21.4	6.3	---	0.27
	12/26/2000	8.16	12.2	367	184	21.6	6.6	---	0.27
	03/16/2001	8.01	15.6	364	179	20.5	6.6	0.0043	0.25
	05/19/2001	8.04	19	344	174	21.6	6.6	---	0.27
	09/11/2001	7.84	23	331	193	21.4	7	0.004	0.3
	03/25/2002	7.96	17.3	384	172	20.5	6.7	0.00454	0.27
	10/13/2002	7.58	19.6	396	211	20.8	6.1	0.00409	0.27
RM2	08/20/1979	---	---	---	---	17.5	7.2	---	---
	09/06/1979	---	---	---	127	< 1.0	12	< 0.00440	---
	12/05/1979	---	---	---	170	18	6	0.0006	---
	01/09/1980	---	---	---	78	19	---	0.0006	---
	04/02/1980	---	---	---	200	76	6.2	0.0012	---
	07/17/1980	---	---	---	180	6.5	6	0.0038	0.24
	10/08/1980	---	---	---	210	17	6.7	0.0007	0.25
	01/08/1981	---	---	---	---	---	---	0.0006	---
	01/20/1981	---	---	---	250	17	6	0.00065	0.13
	02/01/1981	---	---	---	---	---	---	0.0016	---
	04/17/1995	---	---	---	---	---	< 1.0	< 0.00300	---
	03/26/1998	7.3	---	340	---	14.3	7.3	0.0017	0.27
RM2R	12/15/1999	7.8	21.5	419	189	27.6	12.2	---	0.22
	03/08/2000	8	23.2	384	200	27.3	12.3	---	0.21
	05/04/2000	7.69	21.9	414	222	24.2	12.4	---	0.19
	05/04/2000	---	---	---	# 217	# 24.6	# 12.4	---	# 0.20
	09/27/2000	7.93	23	378	188	26.9	11.6	---	0.21
	11/29/2000	7.88	21.1	348	198	25.1	12.9	---	0.24
	03/15/2001	7.73	19.5	370	193	32.5	12.5	---	0.2
	05/18/2001	7.76	21.7	333	176	26.2	12.3	---	0.21
	09/16/2001	7.63	21.3	363	211	31	13	---	0.2
	09/16/2001	---	---	---	# 242	# 32.0	# 13.0	---	# < 0.10
	03/18/2002	# 7.68	# 20.7	# 368	# 164	# 27.1	# 9.7	---	# 0.21
	03/18/2002	7.7	20.7	368	179	27.1	9.2	---	0.21

C35

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	pH(f) (std.)	Temp (deg.C)	Cond(f) (umhos)	TDS (mg/l)	SO4 (mg/l)	Cl (mg/l)	Unat (mg/l)	F (mg/l)
RM2R	10/14/2002	7.21	19.4	364	196	26.4	11.9	---	0.22
	10/14/2002	# 7.21	# 19.4	# 364	# 204	# 25.6	# 11.9	---	# 0.22
RM3	01/25/1980	---	---	---	420	40	---	0.0055	---
	04/02/1980	---	---	---	280	24	7.2	0.0092	---
	07/16/1980	---	---	---	290	41	21	0.0044	0.8
	10/08/1980	---	---	---	210	24	7	0.0037	0.58
	11/13/1980	---	---	---	272	15	---	---	---
	11/15/1980	---	---	---	290	18	---	---	---
	01/20/1981	---	---	---	290	24	6.5	0.0034	0.5
	02/12/1981	---	---	---	---	---	---	0.0038	---
	03/13/1998	6.5	---	380	---	29.4	7.8	0.0052	0.35
	12/12/1999	8	19.6	419	211	43.4	8.3	---	0.36
	03/05/2000	8.1	19.9	373	194	29.2	7.9	---	0.37
	05/04/2000	8	20.9	391	226	29.9	8.1	---	0.32
	09/27/2000	8.04	20.3	379	197	31.7	8.7	---	0.36
	09/27/2000	---	---	---	# 203	# 32.0	# 8.7	---	# 0.36
	12/25/2000	8.04	17.1	361	197	32.8	8.7	---	0.34
	03/15/2001	7.94	20.4	355	200	31.5	9.1	---	0.35
	05/17/2001	7.98	20.7	331	195	30.9	9	---	0.35
	09/17/2001	7.82	21.3	372	214	31	9	---	0.2
	03/11/2002	7.9	20	371	203	30.7	8.3	---	0.3
	10/14/2002	7.41	19.4	380	190	30.2	8.9	---	0.41
RM4	09/06/1979	---	---	---	354	< 1.0	26	< 0.00440	---
	12/05/1979	---	---	---	400	23	---	0.0006	---
	01/09/1980	---	---	---	290	210	---	0.0103	---
	04/11/1980	---	---	---	250	22	---	---	---
	07/22/1980	---	---	---	220	13	5	---	0.02
	10/09/1980	---	---	---	220	18	6	0.00004	0.2
	01/07/1981	---	---	---	---	---	---	0.00003	---
	01/20/1981	---	---	---	160	21	5.5	0.00003	0.13
	02/12/1981	---	---	---	---	---	---	0.0038	---
	03/05/1981	---	---	---	---	---	---	0.0005	---
	04/15/1981	---	---	---	---	---	---	< 0.00500	---
	05/27/1981	---	---	---	---	---	---	0.0002	---
	06/16/1981	---	---	---	200	14	4.9	< 0.00020	0.12
	06/23/1981	---	---	---	---	---	---	0.0024	---
	08/17/1981	---	---	---	---	---	---	0.0021	---
	01/25/1985	10.4	---	---	418	32.9	9.5	0.0057	---
	04/24/1985	8.2	---	---	245	2.1	8.9	< 0.00030	---
	05/14/1985	7.65	---	---	---	---	---	---	---
	06/07/1985	8.2	---	---	---	---	---	---	---
	07/01/1985	8	---	---	413	2.1	10.5	< 0.00030	---
	08/05/1985	8.1	---	---	---	---	---	---	---
	09/16/1985	8.5	---	---	---	---	---	---	---
	10/09/1985	8.11	---	280	---	2.1	11.2	0.0002	---
	11/06/1985	8.28	---	300	---	---	---	---	---
	12/03/1985	8.09	---	280	---	---	---	---	---

C 36

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	pH(f) (std.)	Temp (deg.C)	Cond(f) (umhos)	TDS (mg/l)	SO4 (mg/l)	Cl (mg/l)	Unat (mg/l)	F (mg/l)
RM4	02/04/1986	8.18	---	280	---	---	---	---	---
	03/05/1986	7.99	---	310	---	---	---	---	---
	04/07/1986	8.17	---	320	378	2.1	10.2	< 0.00030	---
	10/16/1986	7.97	---	340	---	---	---	---	---
	12/07/1986	8.18	---	---	---	---	1.9	< 0.00030	---
	04/23/1987	8.12	---	340	---	---	---	---	---
	10/12/1987	8.3	---	330	---	---	---	---	---
	04/14/1988	7.64	---	340	---	---	9.5	---	---
	10/13/1988	7.3	---	---	---	---	8.9	---	---
	04/06/1989	7.62	---	320	---	---	12.4	---	---
	10/05/1989	7.73	---	320	---	---	< 0.5	---	---
	04/05/1990	7.91	---	---	---	---	8.4	---	---
	09/27/1990	8.2	---	280	---	---	6	---	---
	04/29/1991	8.4	---	290	---	---	9	---	---
	11/07/1991	8.15	---	325	---	---	6	---	---
	04/20/1992	8.2	---	320	---	---	7	---	---
	10/15/1992	7.84	---	280	---	---	7	---	---
	04/07/1993	8.37	---	520	---	---	7	---	---
	10/19/1993	---	---	---	---	---	7	---	---
	04/24/1994	8.2	---	---	---	---	7	---	---
	10/21/1994	8.4	---	---	---	---	6	---	---
	04/17/1995	8.3	---	---	---	---	5.8	0.0019	---
	10/13/1995	8.3	---	---	---	---	6.5	---	---
	03/21/1996	8.3	---	---	---	---	5.3	---	---
	10/11/1996	8.3	---	---	---	---	4.7	---	---
	04/14/1997	9.4	---	245	---	---	5.6	---	---
	09/20/1997	7.4	---	260	---	---	5.7	0.002	---
	03/06/1998	6.4	---	290	---	22.2	5.3	0.0034	0.26
	08/14/1998	---	18	360	---	---	6.8	0.0035	---
	03/08/1999	9.1	15.5	280	---	---	6.5	0.0024	---
	09/05/1999	9.1	17	270	---	---	6.6	0.0022	---
	02/12/2000	8.4	17	280	---	---	5.6	0.0024	---
	09/25/2000	8.96	18.4	273	---	---	5.9	0.0021	---
	03/15/2001	8.81	18.6	251	118	21.2	6.3	0.0023	0.25
	09/17/2001	8.64	21	279	163	22	8	0.0024	0.3
	03/26/2002	8.26	17.4	337	169	23.2	6.5	0.00339	0.23
	10/28/2002	7.42	17.8	353	172	22.7	6.1	0.00262	0.24
RM4R	12/12/1999	8	23.7	352	172	27.7	5.9	---	0.21
	03/08/2000	8.1	24.5	322	159	26.2	5.2	---	0.19
	05/03/2000	7.93	24.5	322	194	26.8	4.7	---	0.18
	09/25/2000	8.04	20.4	315	184	27.4	5.2	---	0.18
	11/28/2000	8.14	19.6	262	173	26.5	6.3	---	0.18
	03/14/2001	7.95	20.7	304	194	33.3	4.9	---	0.18
	05/17/2001	7.89	19.9	290	154	28.1	5.3	---	0.19
	09/17/2001	7.75	20.1	310	167	30	5	---	0.2
	03/11/2002	7.83	19.2	309	155	27.4	4.2	---	0.2
	09/09/2002	7.77	18.8	310	187	27.8	3.8	---	0.17

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	pH(f) (std.)	Temp (deg.C)	Cond(f) (umhos)	TDS (mg/l)	SO4 (mg/l)	Cl (mg/l)	Unat (mg/l)	F (mg/l)
RM5	09/06/1979	---	---	---	222	< 1.0	14	< 0.00440	---
	12/05/1979	---	---	---	340	47	---	---	---
	01/09/1980	---	---	---	280	47	---	0.0295	---
	04/02/1980	---	---	---	240	39	5.1	---	---
	07/22/1980	---	---	---	210	33	6.3	---	< 0.19
	10/09/1980	---	---	---	220	31	7	0.0003	0.24
	01/07/1981	---	---	---	---	---	---	0.0002	---
	01/20/1981	---	---	---	260	43	---	0.14	---
	02/12/1981	---	---	---	---	---	---	0.0003	---
	03/05/1981	---	---	---	---	---	---	0.0003	---
	04/15/1981	---	---	---	---	---	---	< 0.00500	---
	05/27/1981	---	---	---	---	---	---	0.0003	---
	06/16/1981	---	---	---	250	17	7.6	< 0.00500	0.19
	08/17/1981	---	---	---	---	---	---	0.0021	---
	11/28/1984	11.7	---	---	105	< 1.0	4.8	0.0065	---
	01/22/1985	8.37	---	---	308	23.9	9.3	0.0088	---
	04/23/1985	7.95	---	---	248	2.4	8.9	0.005	---
	05/10/1985	7.6	---	---	---	---	---	---	---
	06/06/1985	7.9	---	---	---	---	---	---	---
	07/02/1985	7.82	---	---	482	1.3	12.4	0.005	---
	08/05/1985	7.8	---	---	---	---	---	---	---
	09/17/1985	8.04	---	---	---	---	---	---	---
	10/08/1985	8.2	---	300	---	3.4	11.2	0.0006	---
	11/06/1985	8.16	---	300	---	---	---	---	---
	12/03/1985	7.8	---	290	---	---	---	---	---
	01/08/1986	7.86	---	---	---	---	2.1	0.0003	---
	02/04/1986	7.8	---	30	---	---	---	---	---
	03/05/1986	7.82	---	320	---	---	---	---	---
	04/08/1986	7.86	---	330	391	2.3	10.2	< 0.00030	---
	10/15/1986	7.88	---	340	---	---	---	---	---
	04/23/1987	8.29	---	340	---	---	---	---	---
	10/16/1987	8.04	---	340	---	---	---	---	---
	04/13/1988	7.5	---	340	---	---	8.9	---	---
	10/12/1988	7.8	---	---	---	---	26.9	---	---
	04/05/1989	7.92	---	---	---	---	19.9	---	---
	10/04/1989	7.51	---	340	---	---	< 0.5	---	---
	04/04/1990	7.96	---	320	---	---	7.5	---	---
	09/26/1990	8.2	---	280	---	---	7	---	---
	04/25/1991	8.3	---	330	---	---	9	---	---
	11/07/1991	8.2	---	330	---	---	7	---	---
	04/21/1992	8	---	310	---	---	6	---	---
	10/14/1992	8	---	310	---	---	7	---	---
	04/06/1993	7.9	---	620	---	---	7	---	---
	10/18/1993	8.2	---	---	---	---	7	---	---
	04/22/1994	8.29	---	---	---	---	4	---	---
	10/20/1994	8.25	---	---	---	---	6	---	---
	04/17/1995	8.3	---	---	---	---	6.1	---	---

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	pH(f) (std.)	Temp (deg.C)	Cond(f) (umhos)	TDS (mg/l)	SO4 (mg/l)	Cl (mg/l)	Unat (mg/l)	F (mg/l)
RM5	10/12/1995	8.2	---	---	---	---	6.5	---	---
	03/21/1996	8.2	---	---	---	---	5	---	---
	10/11/1996	8.2	---	---	---	---	4.3	---	---
	04/10/1997	8.2	---	---	---	---	6.7	---	---
	09/19/1997	7.3	---	320	---	---	5	0.003	---
	03/13/1998	6.7	---	280	---	18.5	4.6	0.0024	0.25
	08/15/1998	---	20	330	---	---	5.5	0.0028	---
	03/09/1999	8.5	16	345	---	---	5.5	0.0034	---
	09/05/1999	8.3	17	335	---	---	5.9	0.0025	---
	02/13/2000	8	17	365	---	---	7	0.0034	---
	09/26/2000	8.34	18.8	324	---	---	4.5	0.0024	---
	03/15/2001	8.09	18.5	303	147	19.1	5.6	0.0025	0.22
	09/17/2001	7.99	21.4	310	170	21	6	0.0022	0.2
	03/11/2002	8.45	21.5	254	159	20.6	6.4	0.00334	0.2
	10/14/2002	8.23	18.2	222	158	19.2	5.1	0.00203	0.25
RM6	09/06/1979	---	---	---	247	< 1.0	8.6	< 0.00440	---
	12/05/1979	---	---	---	38	25	---	0.0006	---
	01/09/1980	---	---	---	---	27	---	0.0266	0.01
	04/02/1980	---	---	---	210	28	5.1	< 0.00060	---
	07/19/1980	---	---	---	120	35	6.5	---	0.17
	10/08/1980	---	---	---	130	31	6.5	0.0002	0.17
	01/08/1981	---	---	---	120	29	---	0.0002	---
	01/20/1981	---	---	---	120	29	---	0.16	---
	02/01/1981	---	---	---	---	---	---	0.0003	---
	03/04/1981	---	---	---	---	---	---	0.0004	---
	04/14/1981	---	---	---	---	---	---	< 0.00500	---
	05/27/1981	---	---	---	---	---	---	0.0001	---
	06/16/1981	---	---	---	88	26	5.4	< 0.00500	0.15
	08/17/1981	---	---	---	---	---	---	0.0021	---
	12/23/1981	---	---	---	---	---	---	0.0049	---
	01/29/1985	7.84	---	---	497	38.7	14.2	0.0062	---
	04/22/1985	7.58	---	---	244	1.7	8.9	0.005	---
	05/09/1985	7.9	---	---	---	---	---	---	---
	06/05/1985	7.82	---	---	---	---	---	---	---
	07/03/1985	7.7	---	---	358	1.9	9.3	< 0.00030	---
	08/07/1985	8.25	---	---	---	---	---	---	---
	09/17/1985	8.4	---	---	---	---	---	---	---
	10/08/1985	8.43	---	280	---	1.4	10.2	0.0007	---
	11/04/1985	8.46	---	280	---	---	---	---	---
	12/02/1985	8.21	---	260	---	---	---	---	---
	01/06/1986	8.29	---	---	---	---	2.2	0.0003	---
	02/03/1986	8.43	---	---	---	---	---	---	---
	03/04/1986	8.36	---	280	---	---	---	---	---
	04/10/1986	8.04	---	300	347	1.9	9.7	0.005	---
	10/15/1986	8.35	---	300	---	---	---	---	---
	04/22/1987	8.43	---	300	---	---	---	---	---
	10/14/1987	8.54	---	260	---	---	---	---	---

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	pH(f) (std.)	Temp (deg.C)	Cond(f) (umhos)	TDS (mg/l)	SO4 (mg/l)	Cl (mg/l)	Unat (mg/l)	F (mg/l)
RM6	04/12/1988	7.43	---	280	---	---	8.2	---	---
	10/11/1988	7.7	---	280	---	---	5	---	---
	04/05/1989	8.21	---	---	---	---	9.9	---	---
	10/03/1989	8.23	---	280	---	---	< 0.5	---	---
	04/03/1990	8.39	---	280	---	---	7.2	---	---
	09/25/1990	---	---	---	---	---	7	---	---
	04/23/1991	8.5	---	280	---	---	9	---	---
	11/06/1991	8.3	---	---	---	---	7	---	---
	04/21/1992	8.3	---	300	---	---	6	---	---
	10/13/1992	9.56	---	300	---	---	6	---	---
	04/06/1993	8.08	---	520	---	---	6	---	---
	10/16/1993	8.2	---	---	---	---	6	---	---
	04/02/1994	8.1	---	---	---	---	4	---	---
	10/19/1994	8.3	---	---	---	---	6.4	---	---
	04/17/1995	8.2	---	---	---	---	5.8	---	---
	10/11/1995	8.2	---	---	---	---	5.8	---	---
	03/20/1996	8.3	---	---	---	---	6.7	---	---
	10/10/1996	8.3	---	---	---	---	4.7	---	---
	04/12/1997	---	---	340	---	---	4.9	---	---
	09/19/1997	8.8	---	200	---	---	6.1	< 0.00300	---
	03/13/1998	6.5	---	290	---	18.5	4.6	0.0021	0.26
	08/15/1998	---	18.5	220	---	---	5.5	0.0004	---
	03/09/1999	8.5	18	340	---	---	3.5	0.0027	---
	09/05/1999	8.4	18	330	---	---	5.9	0.0023	---
	02/14/2000	8.3	17	305	---	---	5.2	0.0024	---
	09/25/2000	8.34	18.5	320	---	---	6.6	0.0026	---
	03/15/2001	8.11	11.8	311	166	18.6	6.3	0.0025	0.22
	09/16/2001	8.17	19.7	305	189	24	6.9	0.0022	0.2
	03/18/2002	8.04	17.8	337	150	18.7	4.2	0.00278	0.24
	10/14/2002	7.76	19.8	321	187	20.2	6.5	0.00233	0.25
RM7	04/21/1992	8.3	---	180	---	---	---	---	---
	03/04/1998	6.6	---	370	---	23.1	5.3	0.0038	0.24
	09/08/2002	7.56	20.3	253	223	23.8	5.6	0.00374	0.22
RM8	04/21/1991	8.4	---	320	---	---	---	---	---
	08/28/1992	---	---	---	---	---	5	---	---
	03/04/1998	7.2	---	600	---	50.2	13.5	0.029	0.74
RM9	04/22/1991	8.3	---	280	---	---	---	---	---
	03/16/1992	---	---	---	214	75	5	---	---
	03/04/1998	6.8	---	300	---	16	3.9	0.0049	0.52
RM10	01/06/1999	---	---	---	413	42.9	16	0.0124	0.16
	12/16/1999	7.2	14	555	253	39.6	14.9	---	0.19
	03/03/2000	8	18.3	536	243	41.3	14.2	---	0.18
	05/04/2000	---	---	---	243	35.2	13.6	---	0.17
	09/27/2000	7.81	22.1	431	250	43.2	13.6	---	0.18
	12/26/2000	---	---	---	241	39.5	14.8	---	0.18
	03/12/2001	8.07	17.6	383	242	35.2	7.3	---	0.19

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	pH(f) (std.)	Temp (deg.C)	Cond(f) (umhos)	TDS (mg/l)	SO4 (mg/l)	Cl (mg/l)	Unat (mg/l)	F (mg/l)
RM10	05/17/2001	8.02	21	332	207	34.6	15.3	---	0.19
	09/10/2001	7.89	23.5	366	---	80	14.6	---	0.2
	02/05/2002	7.84	22.9	361	211	38.1	14.1	---	0.2
	03/18/2002	7.96	18.3	387	196	33.7	13.9	---	0.2
	10/13/2002	7.44	18.5	217	216	31.9	15.3	---	0.2
RM11	05/13/1998	7.5	---	560	268	33.2	22.6	0.018	0.39
	12/10/1999	10.9	14.2	296	75	14.2	9.7	---	0.22
	03/04/2000	10.9	17.7	215	75	20.1	8.2	---	0.26
	05/02/2000	10.5	19.4	196	94	21.6	8.4	---	0.27
	09/27/2000	10.2	1.88	192	80	27.2	7.3	---	0.3
	11/29/2000	10.1	16.8	192	83	29	8.2	---	0.29
	03/15/2001	9.72	17.1	196	81.9	47	8	---	0.28
	05/17/2001	9.77	19.5	191	75	32.3	7.7	---	0.28
	09/10/2001	9.44	20	200	111	34.1	7	---	0.3
	03/19/2002	9.21	15.2	194	100	32.4	5.2	---	0.29
	10/27/2002	8.22	19.1	204	119	35	7.8	---	0.28
RM12	03/05/1998	---	---	570	---	71.8	18.1	0.0129	0.33
	12/14/1999	8.3	14.3	566	236	39.4	17.2	---	0.21
	03/04/2000	7.9	---	505	239	45.6	17.4	---	0.21
	03/04/2000	---	# 13.0	---	# 234	# 42.7	# 16.7	---	# 0.21
	03/10/2000	8.2	16.4	494	---	---	---	---	---
	05/04/2000	8.05	25.2	464	256	42.4	14.1	---	0.2
	09/28/2000	8.12	18.1	463	238	47	17.2	---	0.21
	12/26/2000	8.25	12.9	444	265	45.9	18.1	---	0.21
	03/16/2001	7.98	14.1	440	222	49.4	17.4	---	0.2
	05/19/2001	8.07	18.7	421	224	46.5	17.4	---	0.21
	09/11/2001	7.92	21	446	245	46	18	---	0.2
	03/26/2002	8.02	16.9	444	218	45.1	16.9	---	0.21
	10/13/2002	7.21	17.8	636	354	75.3	33.1	---	0.23
RM13	12/14/1999	7.6	21.5	373	171	19.8	6.8	---	0.24
	03/07/2000	8.1	21.2	336	171	19.2	7.2	---	0.24
	05/03/2000	8	22.3	348	194	18.4	7.5	---	0.25
	09/26/2000	8.06	21.1	344	183	18.1	4.8	---	0.24
	11/28/2000	8.03	21.5	319	176	19.4	7.7	---	0.28
	03/14/2001	7.85	20.4	323	184	5.6	7	---	0.24
	05/17/2001	7.91	20.3	316	158	21.8	7	---	0.25
	09/10/2001	7.87	21.1	334	169	21.6	7	---	0.3
	01/28/2002	7.8	19.7	340	177	20.5	7	---	0.3
	03/12/2002	7.86	20	337	153	19.9	7.6	---	0.2
	09/08/2002	7.47	21.1	322	193	21.3	5.9	---	0.24
RM14	12/15/1999	7.5	22.4	402	166	27.9	8.1	---	0.19
	03/08/2000	8.1	23.2	383	198	28	8.6	---	0.21
	05/04/2000	7.9	21.5	394	219	27.2	8.1	---	0.18
	09/27/2000	8.2	21.3	383	204	28.2	8.7	---	0.21
	11/29/2000	7.94	22.2	358	192	27.8	8.4	---	0.21
	03/14/2001	7.78	20.3	366	201	47.8	9.4	---	0.21

C38

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	pH(f) (std.)	Temp (deg.C)	Cond(f) (umhos)	TDS (mg/l)	SO4 (mg/l)	Cl (mg/l)	Unat (mg/l)	F (mg/l)
RM14	03/14/2001	---	---	---	# 202	# 14.7	# 9.4	---	# 0.21
	05/18/2001	7.9	22.1	354	184	29.6	9.2	---	0.21
	09/17/2001	7.76	21.6	376	203	30	9	---	0.2
	01/28/2002	7.71	20.8	382	208	28.6	7	---	0.2
	03/18/2002	7.78	21	380	196	29	5.6	---	0.22
	10/13/2002	7.24	20.8	389	200	26.7	8.2	---	0.2
RM15	03/11/1998	6.5	---	240	---	21.1	7	0.0052	0.22
	03/26/1998	7.5	---	385	---	22.2	7	0.0051	0.23
	12/11/1999	7.5	19.1	409	182	23.5	7.6	---	0.19
	03/07/2000	8	19.7	368	196	21	7.4	---	0.2
	05/03/2000	7.96	20.7	366	200	21.4	8.2	---	0.19
	09/25/2000	7.98	19.9	364	183	23.3	7.3	---	0.2
	11/28/2000	8	19.9	339	198	22.8	8	---	0.2
	03/14/2001	7.85	20.1	345	201	23.2	7.7	---	0.2
	05/17/2001	7.89	20.3	338	185	23.1	7.7	---	0.2
	05/17/2001	---	---	---	# 171	# 24.4	# 15.3	---	# 0.21
	09/10/2001	7.83	20	361	195	24.3	7.9	---	0.2
	03/18/2002	7.8	20.2	362	181	23.4	4.9	---	0.21
	10/14/2002	7.39	19.4	361	186	23.6	7.2	---	0.21
RM16	12/13/1999	10.8	21.1	553	248	88.1	18.4	---	0.3
	03/04/2000	9.2	21.9	277	156	38.3	7.9	---	0.27
	05/03/2000	9.17	21.9	256	155	34.2	7.5	---	0.27
	09/26/2000	9.15	21	257	148	26	5.4	---	0.27
	11/29/2000	8.96	19.9	263	165	26.1	7.7	---	0.27
	03/12/2001	8.63	20.2	275	169	25.8	7	---	0.26
	05/17/2001	8.62	20.3	284	175	23.4	7	---	0.27
	09/10/2001	8.46	19.3	328	197	25.9	7	---	0.2
	01/28/2002	8.22	17.6	349	169	23.6	6.3	---	0.3
	03/11/2002	8.25	20.3	323	168	23.5	6.8	---	0.3
	09/08/2002	7.75	20.4	331	209	24.7	6.3	---	0.27
RM17	12/13/1999	7.7	21.3	380	164	17.3	7.6	---	0.22
	03/07/2000	8.3	21.6	341	170	16.2	7.2	---	0.22
	05/03/2000	8.16	22.5	345	185	14.9	7.5	---	0.22
	09/26/2000	8.22	21.3	343	174	15.6	6.1	---	0.23
	11/28/2000	8.18	21.1	318	177	17.3	8	---	0.23
	11/28/2000	---	---	---	# 176	# 17.2	# 8.0	---	# 0.22
	03/14/2001	7.97	20.7	320	194	19.5	7.6	---	0.23
	05/17/2001	8.01	20.6	314	161	18.6	7.6	---	0.23
	09/10/2001	7.31	26.1	351	165	20.5	7.6	---	0.2
	01/28/2002	7.85	20.2	348	181	18	7	---	0.2

C39

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	pH(f) (std.)	Temp (deg.C)	Cond(f) (umhos)	TDS (mg/l)	SO4 (mg/l)	Cl (mg/l)	Unat (mg/l)	F (mg/l)
	03/12/2002	7.96	20.9	334	162	18.6	7.1	---	0.2
	09/08/2002	7.59	21.2	334	193	18.9	7	---	0.21

NOTES ***Bold Italic*** = Exceeds Ground-Water Protection Level

Bold Italic =Exceeds Ground-Water Quality Standard

"#" symbol before a value indicates that the value was a Quality Control Sample

C4b

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET.

PLATEAU RESOURCES, LTD.

Well Name	Date	NH3 (mg/l)	NO3+NO2 (mg/l)	As (mg/l)	Ba (mg/l)	Cd (mg/l)	Cr (mg/l)
RM1	09/26/1979	---	---	< 0.010	0.04	< 0.0010	0.02
	12/04/1979	---	---	< 0.010	0.93	< 0.0010	< 0.010
	01/09/1980	---	---	< 0.005	0.03	< 0.0010	0.007
	04/02/1980	---	---	< 0.005	< 0.10	< 0.0010	0.006
	07/17/1980	---	---	< 0.010	< 0.10	0.0009	< 0.001
	10/08/1980	---	---	< 0.010	< 0.10	< 0.0010	0.002
	01/20/1981	< 0.20	---	< 0.010	0.09	< 0.0001	0.002
	06/16/1981	0.51	---	< 0.010	0.07	< 0.0001	< 0.001
	11/28/1984	---	---	0.01	< 0.50	---	---
	01/18/1985	---	---	< 0.010	< 0.50	---	---
	04/18/1985	---	---	< 0.005	< 0.70	---	---
	05/08/1985	---	---	0.009	---	---	---
	06/04/1985	---	---	< 0.005	---	---	---
	07/03/1985	---	---	< 0.005	0.8	---	---
	08/08/1985	---	---	< 0.005	---	---	---
	09/18/1985	---	---	< 0.005	---	---	---
	10/07/1985	---	---	< 0.005	0.8	---	---
	11/04/1985	---	---	< 0.005	---	---	---
	12/02/1985	---	---	< 0.005	---	---	---
	01/08/1986	---	---	< 0.005	0.3	---	---
	02/03/1986	---	---	< 0.005	---	---	---
	03/04/1986	---	---	< 0.005	---	---	---
	04/10/1986	---	---	< 0.005	0.1	---	---
	10/14/1986	---	---	0.009	---	---	---
	04/21/1987	---	---	< 0.005	---	---	---
	10/15/1987	---	---	< 0.005	---	---	---
	10/10/1988	---	---	< 0.002	---	---	---
	04/03/1989	---	---	0.009	---	---	---
	10/02/1989	---	---	< 0.005	---	---	---
	04/02/1990	---	---	0.001	---	---	---
	09/24/1990	---	---	0.002	---	---	---
	04/22/1991	---	---	0.008	---	---	---
	11/05/1991	---	---	0.003	---	---	---
	04/22/1992	---	---	0.003	---	---	---
	10/12/1992	---	---	0.003	---	---	---
	04/05/1993	---	---	< 0.001	---	---	---
	10/15/1993	---	---	< 0.001	---	---	---
	04/20/1994	---	---	0.002	---	---	---
	10/18/1994	---	---	0.001	---	---	---
	04/17/1995	---	---	< 0.001	---	---	---
	10/10/1995	---	---	0.001	---	---	---
	03/19/1996	---	---	< 0.001	---	---	---
	11/12/1996	---	---	< 0.001	---	---	---
	04/13/1997	---	---	< 0.001	---	---	---
	09/21/1997	---	---	< 0.001	---	---	---
	03/04/1998	< 0.05	1.32	0.003	0.12	< 0.0010	< 0.001
	08/14/1998	---	---	0.002	---	---	---

C41-

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	NH3 (mg/l)	NO3+NO2 (mg/l)	As (mg/l)	Ba (mg/l)	Cd (mg/l)	Cr (mg/l)
RM1	03/08/1999	---	---	0.002	---	---	---
	09/04/1999	---	---	0.002	---	---	---
	12/11/1999	< 0.05	1.35	0.002	0.12	< 0.0010	< 0.010
	12/11/1999	# < 0.05	# 1.31	# 0.002	# 0.12	# < 0.0010	# < 0.010
	02/14/2000	---	---	0.002	---	---	---
	03/05/2000	< 0.05	1.34	< 0.003	0.13	< 0.0010	< 0.010
	05/02/2000	< 0.05	1.51	< 0.003	0.1	< 0.0010	< 0.010
	09/28/2000	---	1.61	< 0.003	0.12	0.064	< 0.010
	12/26/2000	< 0.05	---	< 0.003	0.1	< 0.0010	< 0.010
	03/16/2001	< 0.05	1.45	< 0.003	0.2	< 0.0010	< 0.010
	05/19/2001	< 0.05	1.43	< 0.003	0.1	< 0.0010	< 0.010
	09/11/2001	< 0.05	1.38	< 0.003	< 0.10	< 0.0010	< 0.010
	03/25/2002	< 0.05	1.38	< 0.003	0.12	< 0.0010	< 0.010
	10/13/2002	< 0.05	1.43	< 0.003	0.12	< 0.0010	< 0.010
RM2	09/06/1979	---	---	< 0.005	0.08	< 0.0010	< 0.010
	12/05/1979	---	---	< 0.010	0.93	< 0.0010	< 0.010
	01/09/1980	---	---	< 0.005	0.03	< 0.0010	0.031
	04/02/1980	---	---	< 0.005	< 0.10	< 0.0010	0.002
	07/17/1980	---	---	< 0.010	< 0.10	< 0.0010	< 0.001
	10/08/1980	---	---	< 0.010	< 0.10	< 0.0010	< 0.001
	01/20/1981	< 0.20	---	< 0.010	0.11	< 0.0001	< 0.001
	04/17/1995	---	---	< 0.001	---	---	---
	03/26/1998	0.1	1.55	0.003	0.16	< 0.0010	< 0.001
RM2R	12/15/1999	0.11	0.86	0.001	0.1	< 0.0010	< 0.010
	03/08/2000	< 0.05	1.31	< 0.003	0.1	< 0.0010	< 0.010
	05/04/2000	< 0.05	1.23	< 0.003	0.1	< 0.0010	< 0.010
	05/04/2000	# < 0.05	# 1.20	# < 0.003	# 0.10	# < 0.0010	# < 0.010
	09/27/2000	< 0.05	1.35	< 0.003	0.1	< 0.0010	< 0.010
	11/29/2000	< 0.05	1.19	< 0.003	0.12	< 0.0010	< 0.010
	03/15/2001	< 0.05	1.11	< 0.003	0.2	< 0.0010	< 0.010
	05/18/2001	< 0.05	1.47	< 0.003	0.1	< 0.0010	< 0.010
	09/16/2001	< 0.05	1.4	< 0.003	0.1	< 0.0010	< 0.010
	09/16/2001	# < 0.05	# 1.40	# < 0.003	# 0.10	# < 0.0010	# < 0.010
	03/18/2002	# < 0.05	# 1.47	# < 0.003	# 0.10	# < 0.0010	# < 0.010
	03/18/2002	< 0.05	1.44	< 0.003	0.1	< 0.0010	< 0.010
	10/14/2002	< 0.05	1.46	< 0.003	0.11	< 0.0010	< 0.010
	10/14/2002	# < 0.05	# 1.45	# < 0.003	# 0.10	# < 0.0010	# < 0.010
RM3	01/25/1980	---	---	< 0.010	0.01	< 0.0010	0.003
	04/02/1980	---	---	0.036	0.1	< 0.0010	0.001
	07/16/1980	---	---	0.026	< 0.10	0.001	< 0.001
	10/08/1980	---	---	< 0.010	< 0.10	< 0.0010	< 0.001
	11/13/1980	---	---	0.003	0.01	---	0.02
	11/15/1980	---	---	0.026	0.5	---	0.03
	01/20/1981	< 0.20	---	0.043	0.08	0.0001	< 0.001
	03/13/1998	< 0.05	1.44	0.012	0.1	< 0.0010	< 0.001
	12/12/1999	< 0.05	1.44	0.011	0.11	< 0.0010	< 0.010

C42

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	NH3 (mg/l)	NO3+NO2 (mg/l)	As (mg/l)	Ba (mg/l)	Cd (mg/l)	Cr (mg/l)
RM3	03/05/2000	< 0.05	1.42	0.014	0.1	< 0.0010	< 0.010
	05/04/2000	< 0.05	1.45	0.013	0.1	< 0.0010	< 0.010
	09/27/2000	< 0.05	1.36	0.012	0.1	< 0.0010	< 0.010
	09/27/2000	# < 0.05	# 1.60	# 0.012	# 0.10	# < 0.0010	# < 0.010
	12/25/2000	0.11	---	0.012	0.1	< 0.0010	< 0.010
	03/15/2001	< 0.05	1.41	0.012	0.1	< 0.0010	< 0.010
	05/17/2001	< 0.05	1.44	0.013	0.1	< 0.0010	< 0.010
	09/17/2001	< 0.05	1.5	0.014	0.1	< 0.0010	< 0.010
	03/11/2002	< 0.10	1.46	0.01	0.13	< 0.0010	< 0.010
	10/14/2002	< 0.05	1.36	0.016	0.11	< 0.0010	< 0.010
RM4	09/06/1979	---	---	< 0.005	0.39	< 0.0010	< 0.010
	12/05/1979	---	---	< 0.010	1.1	< 0.0010	< 0.010
	01/09/1980	---	---	0.012	0.37	0.006	0.043
	04/11/1980	---	---	< 0.005	< 0.10	< 0.0010	0.01
	07/22/1980	---	---	< 0.010	< 0.10	< 0.0010	< 0.001
	10/09/1980	---	---	< 0.010	< 0.10	< 0.0010	0.002
	01/20/1981	< 0.20	---	< 0.010	0.1	0.0001	0.003
	06/16/1981	0.52	---	< 0.010	0.08	< 0.0001	0.002
	01/25/1985	---	---	< 0.010	< 0.50	---	---
	04/24/1985	---	---	0.012	< 0.60	---	---
	05/14/1985	---	---	< 0.005	---	---	---
	06/07/1985	---	---	< 0.005	---	---	---
	07/01/1985	---	---	< 0.005	0.7	---	---
	08/05/1985	---	---	< 0.005	---	---	---
	09/16/1985	---	---	< 0.005	---	---	---
	10/09/1985	---	---	< 0.005	0.8	---	---
	11/06/1985	---	---	< 0.005	---	---	---
	12/03/1985	---	---	< 0.005	---	---	---
	02/04/1986	---	---	< 0.005	---	---	---
	03/05/1986	---	---	< 0.005	---	---	---
	04/07/1986	---	---	< 0.005	0.1	---	---
	10/16/1986	---	---	< 0.005	---	---	---
	12/07/1986	---	---	< 0.005	0.2	---	---
	04/23/1987	---	---	< 0.005	---	---	---
	10/12/1987	---	---	< 0.005	---	---	---
	04/14/1988	---	---	< 0.002	---	---	---
	10/13/1988	---	---	< 0.002	---	---	---
	04/06/1989	---	---	0.021	---	---	---
	10/05/1989	---	---	< 0.005	---	---	---
	04/05/1990	---	---	< 0.001	---	---	---
	09/27/1990	---	---	0.001	---	---	---
	04/29/1991	---	---	0.003	---	---	---
	11/07/1991	---	---	0.002	---	---	---
	04/20/1992	---	---	0.014	---	---	---
	10/15/1992	---	---	0.004	---	---	---
	04/07/1993	---	---	< 0.001	---	---	---
	10/19/1993	---	---	0.002	---	---	---

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	NH3 (mg/l)	NO3+NO2 (mg/l)	As (mg/l)	Ba (mg/l)	Cd (mg/l)	Cr (mg/l)
RM4	04/24/1994	---	---	0.003	---	---	---
	10/21/1994	---	---	< 0.001	---	---	---
	04/17/1995	---	---	< 0.001	---	---	---
	10/13/1995	---	---	0.002	---	---	---
	03/21/1996	---	---	< 0.001	---	---	---
	10/11/1996	---	---	< 0.001	---	---	---
	04/14/1997	---	---	< 0.001	---	---	---
	09/20/1997	---	---	< 0.001	---	---	---
	03/06/1998	0.06	1.42	0.003	0.08	< 0.0010	< 0.001
	08/14/1998	---	---	0.002	---	---	---
	03/08/1999	---	---	0.002	---	---	---
	09/05/1999	---	---	0.002	---	---	---
	02/12/2000	---	---	0.002	---	---	---
	09/25/2000	---	---	0.002	---	---	---
	03/15/2001	< 0.05	1.39	< 0.003	0.1	< 0.0010	< 0.010
	09/17/2001	< 0.05	1.4	< 0.003	0.1	0.004	< 0.010
	03/26/2002	< 0.05	1.59	< 0.003	0.12	< 0.0010	< 0.010
	10/28/2002	< 0.05	1.54	< 0.003	0.13	< 0.0010	< 0.010
RM4R	12/12/1999	< 0.05	0.65	0.006	< 0.10	< 0.0010	< 0.010
	03/08/2000	< 0.05	1.02	0.008	< 0.10	< 0.0010	< 0.010
	05/03/2000	< 0.05	2.28	0.007	< 0.10	< 0.0010	< 0.010
	09/25/2000	< 0.05	1.33	0.007	0.1	< 0.0010	< 0.010
	11/28/2000	< 0.05	1.26	0.007	0.12	< 0.0010	< 0.010
	03/14/2001	0.08	1.31	0.006	0.2	< 0.0010	< 0.010
	05/17/2001	< 0.05	1.2	0.01	< 0.10	< 0.0010	< 0.010
	09/17/2001	< 0.05	1.2	0.012	< 0.10	< 0.0010	< 0.010
	03/11/2002	< 0.10	1.13	0.009	0.1	< 0.0010	< 0.010
	09/09/2002	< 0.05	1.21	0.008	< 0.10	< 0.0010	< 0.010
RM5	09/06/1979	---	---	< 0.005	0.08	---	0.03
	12/05/1979	---	---	< 0.010	1	< 0.0010	< 0.010
	01/09/1980	---	---	0.011	0.78	0.004	0.045
	04/02/1980	---	---	< 0.005	< 0.01	< 0.0010	0.005
	07/22/1980	---	---	< 0.010	< 0.10	< 0.0010	< 0.001
	10/09/1980	---	---	< 0.010	< 0.10	< 0.0010	0.003
	06/16/1981	2.5	---	< 0.010	0.07	< 0.0001	0.003
	11/28/1984	---	---	0.01	< 0.50	---	---
	01/22/1985	---	---	< 0.010	< 0.50	---	---
	04/23/1985	---	---	0.017	< 0.70	---	---
	05/10/1985	---	---	0.006	---	---	---
	06/06/1985	---	---	< 0.005	---	---	---
	07/02/1985	---	---	< 0.005	0.7	---	---
	08/05/1985	---	---	< 0.005	---	---	---
	09/17/1985	---	---	< 0.005	---	---	---
	10/08/1985	---	---	< 0.005	0.7	---	---
	11/06/1985	---	---	< 0.005	---	---	---
	12/03/1985	---	---	< 0.005	---	---	---
	01/08/1986	---	---	< 0.005	0.2	---	---

C43

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	NH3 (mg/l)	NO3+NO2 (mg/l)	As (mg/l)	Ba (mg/l)	Cd (mg/l)	Cr (mg/l)
RM5	02/04/1986	---	---	< 0.005	---	---	---
	03/05/1986	---	---	< 0.005	---	---	---
	04/08/1986	---	---	< 0.005	0.1	---	---
	10/15/1986	---	---	0.01	---	---	---
	04/23/1987	---	---	< 0.005	---	---	---
	10/16/1987	---	---	< 0.005	---	---	---
	04/13/1988	---	---	< 0.002	---	---	---
	10/12/1988	---	---	< 0.002	---	---	---
	04/05/1989	---	---	0.019	---	---	---
	10/04/1989	---	---	< 0.005	---	---	---
	04/04/1990	---	---	0.001	---	---	---
	09/26/1990	---	---	0.001	---	---	---
	04/25/1991	---	---	0.002	---	---	---
	11/07/1991	---	---	0.003	---	---	---
	04/21/1992	---	---	0.003	---	---	---
	10/14/1992	---	---	0.003	---	---	---
	04/06/1993	---	---	< 0.001	---	---	---
	10/18/1993	---	---	0.004	---	---	---
	04/22/1994	---	---	< 0.001	---	---	---
	10/20/1994	---	---	< 0.001	---	---	---
	04/17/1995	---	---	< 0.001	---	---	---
	10/12/1995	---	---	0.004	---	---	---
	03/21/1996	---	---	< 0.001	---	---	---
	10/11/1996	---	---	< 0.001	---	---	---
	04/10/1997	---	---	< 0.001	---	---	---
	09/19/1997	---	---	< 0.001	---	---	---
	03/13/1998	< 0.05	1.61	0.002	0.14	< 0.0010	< 0.001
	08/15/1998	---	---	0.002	---	---	---
	03/09/1999	---	---	0.002	---	---	---
	09/05/1999	---	---	0.002	---	---	---
	02/13/2000	---	---	0.001	---	---	---
	09/26/2000	---	---	0.003	---	---	---
	03/15/2001	< 0.05	1.59	< 0.003	0.2	< 0.0010	< 0.010
	09/17/2001	< 0.05	1.5	< 0.003	0.2	< 0.0010	< 0.010
	03/11/2002	< 0.10	1.57	< 0.003	0.15	< 0.0010	< 0.010
	10/14/2002	0.05	1.44	< 0.003	0.14	< 0.0010	< 0.010
RM6	09/06/1979	---	---	< 0.005	0.14	0.005	0.02
	12/05/1979	---	---	< 0.010	0.92	0.001	< 0.010
	01/09/1980	---	---	0.012	0.28	0.003	0.035
	04/02/1980	---	---	< 0.005	< 0.10	< 0.0010	0.002
	07/19/1980	---	---	< 0.010	< 0.10	< 0.0010	< 0.001
	10/08/1980	---	---	< 0.010	< 0.10	< 0.0010	0.002
	06/16/1981	0.33	---	< 0.010	0.06	< 0.0001	0.002
	01/29/1985	---	---	< 0.010	< 0.50	---	---
	04/22/1985	---	---	< 0.005	< 0.70	---	---
	05/09/1985	---	---	0.016	---	---	---
	06/05/1985	---	---	< 0.005	---	---	---

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	NH3 (mg/l)	NO3+NO2 (mg/l)	As (mg/l)	Ba (mg/l)	Cd (mg/l)	Cr (mg/l)
RM6	07/03/1985	---	---	< 0.005	0.7	---	---
	08/07/1985	---	---	< 0.005	---	---	---
	09/17/1985	---	---	< 0.005	---	---	---
	10/08/1985	---	---	< 0.005	0.8	---	---
	11/04/1985	---	---	< 0.005	---	---	---
	12/02/1985	---	---	< 0.005	---	---	---
	01/06/1986	---	---	< 0.005	0.3	---	---
	02/03/1986	---	---	< 0.005	---	---	---
	03/04/1986	---	---	< 0.005	---	---	---
	04/10/1986	---	---	< 0.005	0.1	---	---
	10/15/1986	---	---	0.005	---	---	---
	04/22/1987	---	---	< 0.005	---	---	---
	10/14/1987	---	---	< 0.005	---	---	---
	04/12/1988	---	---	0.004	---	---	---
	10/11/1988	---	---	< 0.002	---	---	---
	04/05/1989	---	---	0.016	---	---	---
	10/03/1989	---	---	< 0.005	---	---	---
	04/03/1990	---	---	< 0.001	---	---	---
	09/25/1990	---	---	< 0.001	---	---	---
	04/23/1991	---	---	< 0.001	---	---	---
	11/06/1991	---	---	0.002	---	---	---
	04/21/1992	---	---	0.004	---	---	---
	10/13/1992	---	---	0.003	---	---	---
	04/06/1993	---	---	< 0.001	---	---	---
	10/16/1993	---	---	0.005	---	---	---
	04/02/1994	---	---	< 0.001	---	---	---
	10/19/1994	---	---	0.001	---	---	---
	04/17/1995	---	---	< 0.001	---	---	---
	10/11/1995	---	---	0.005	---	---	---
	03/20/1996	---	---	< 0.001	---	---	---
	10/10/1996	---	---	< 0.001	---	---	---
	04/12/1997	---	---	< 0.001	---	---	---
	09/19/1997	---	---	< 0.001	---	---	---
	03/13/1998	< 0.05	1.78	0.002	0.14	< 0.0010	< 0.001
	08/15/1998	---	---	< 0.001	---	---	---
	03/09/1999	---	---	0.002	---	---	---
	09/05/1999	---	---	0.002	---	---	---
	02/14/2000	---	---	0.001	---	---	---
	09/25/2000	---	---	0.002	---	---	---
	03/15/2001	0.23	1.85	< 0.003	0.2	< 0.0010	< 0.010
	09/16/2001	< 0.05	1.9	< 0.003	0.2	< 0.0010	< 0.010
	03/18/2002	< 0.05	1.94	< 0.003	0.14	< 0.0010	< 0.010
	10/14/2002	< 0.05	2.02	< 0.003	0.15	< 0.0010	< 0.010
RM7	03/16/1992	---	---	0.001	0.05	0.018	0.01
	03/16/1992	---	---	# 0.002	# 0.16	# 0.0090	# 0.080
	03/04/1998	< 0.05	1.38	0.002	0.11	< 0.0010	< 0.001
	09/08/2002	0.06	1.44	< 0.003	0.12	< 0.0010	< 0.010

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	NH3 (mg/l)	NO3+NO2 (mg/l)	As (mg/l)	Ba (mg/l)	Cd (mg/l)	Cr (mg/l)
RM8	03/16/1992	---	---	0.027	0.18	0.009	< 0.010
	08/28/1992	---	---	0.04	---	---	---
	03/04/1998	< 0.05	2.06	0.036	0.11	< 0.0010	0.001
RM9	03/04/1998	< 0.05	0.72	0.016	0.14	< 0.0010	< 0.001
RM10	01/06/1999	0.13	1.17	0.061	0.34	< 0.0010	< 0.001
	12/16/1999	0.05	3.15	0.061	0.16	< 0.0010	< 0.010
	03/03/2000	0.11	1.26	0.036	0.2	< 0.0010	< 0.010
	05/04/2000	0.08	1.36	0.019	0.2	< 0.0010	< 0.010
	09/27/2000	< 0.05	2.02	0.027	0.2	< 0.0010	< 0.010
	12/26/2000	0.16	---	0.025	0.2	< 0.0010	< 0.010
	03/12/2001	0.09	2.35	0.049	0.1	< 0.0010	< 0.010
	05/17/2001	0.17	2.3	0.061	0.2	< 0.0010	< 0.010
	09/10/2001	< 0.05	2.31	0.06	0.2	0.002	< 0.010
	02/05/2002	0.05	2.15	0.067	0.1	< 0.0010	< 0.010
	03/18/2002	0.1	2.16	0.06	0.15	< 0.0010	< 0.010
	10/13/2002	0.39	2.49	0.075	< 0.10	< 0.0010	0.05
RM11	05/13/1998	0.67	0.75	0.003	0.23	< 0.0010	0.001
	12/10/1999	0.22	0.99	< 0.001	< 0.10	< 0.0010	0.014
	03/04/2000	0.12	1.23	< 0.003	< 0.10	< 0.0010	0.01
	05/02/2000	< 0.05	1.38	< 0.003	< 0.10	< 0.0010	0.02
	09/27/2000	< 0.05	1.34	< 0.003	< 0.10	< 0.0010	0.016
	11/29/2000	< 0.05	1.62	0.004	< 0.10	< 0.0010	< 0.010
	03/15/2001	< 0.05	1.6	0.006	< 0.10	< 0.0010	0.01
	05/17/2001	< 0.05	1.63	0.008	< 0.10	< 0.0010	< 0.010
	09/10/2001	< 0.05	1.48	0.009	< 0.10	< 0.0010	< 0.010
	03/19/2002	< 0.05	1.57	0.013	< 0.10	< 0.0010	< 0.010
	10/27/2002	< 0.05	1.44	0.014	< 0.10	< 0.0010	< 0.010
RM12	03/05/1998	1.13	< 0.100	0.002	0.11	< 0.0010	< 0.001
	12/14/1999	< 0.05	0.75	< 0.001	0.15	< 0.0010	< 0.010
	03/04/2000	< 0.05	0.94	< 0.003	0.1	< 0.0010	< 0.010
	03/04/2000	# < 0.05	# 0.990	# < 0.003	# 0.10	# < 0.0010	# < 0.010
	05/04/2000	< 0.05	1.2	< 0.003	0.1	< 0.0010	< 0.010
	09/28/2000	---	1.23	< 0.003	0.12	0.001	< 0.010
	12/26/2000	< 0.05	---	< 0.003	0.1	< 0.0010	< 0.010
	03/16/2001	0.06	1.11	< 0.003	0.1	< 0.0010	< 0.010
	05/19/2001	< 0.05	1.1	< 0.003	0.1	< 0.0010	< 0.010
	09/11/2001	0.1	0.95	< 0.003	< 0.10	< 0.0010	< 0.010
	03/26/2002	0.05	0.85	< 0.003	< 0.10	< 0.0010	< 0.010
	10/13/2002	0.45	1.1	< 0.003	< 0.10	0.0016	0.162
RM13	12/14/1999	< 0.05	2.04	0.001	0.12	< 0.0010	< 0.010
	03/07/2000	< 0.05	1.86	< 0.003	0.11	< 0.0010	< 0.010
	05/03/2000	< 0.05	1.77	< 0.003	0.11	< 0.0010	< 0.010
	09/26/2000	< 0.05	1.95	< 0.003	0.12	< 0.0010	< 0.010
	11/28/2000	< 0.05	2.09	< 0.003	0.12	< 0.0010	< 0.010
	03/14/2001	< 0.05	1.8	< 0.003	0.1	< 0.0010	< 0.010
	05/17/2001	< 0.05	1.85	< 0.003	0.1	< 0.0010	< 0.010

C44

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	NH3 (mg/l)	NO3+NO2 (mg/l)	As (mg/l)	Ba (mg/l)	Cd (mg/l)	Cr (mg/l)
RM13	09/10/2001	< 0.05	1.79	< 0.003	< 0.10	< 0.0010	< 0.010
	03/12/2002	< 0.10	1.88	< 0.003	0.14	< 0.0010	< 0.010
	09/08/2002	0.06	1.9	< 0.003	0.12	< 0.0010	< 0.010
RM14	12/15/1999	< 0.05	1.82	0.001	< 0.10	< 0.0010	< 0.010
	03/08/2000	< 0.05	1.81	< 0.003	< 0.10	< 0.0010	< 0.010
	05/04/2000	< 0.05	1.83	< 0.003	0.1	< 0.0010	< 0.010
	09/27/2000	0.08	1.72	< 0.003	0.1	0.0136	< 0.010
	11/29/2000	< 0.05	2.05	< 0.003	< 0.10	< 0.0010	< 0.010
	03/14/2001	< 0.05	1.72	< 0.003	0.1	< 0.0010	< 0.010
	03/14/2001	# < 0.05	# 1.82	# < 0.003	# 0.10	# < 0.0010	# < 0.010
	05/18/2001	< 0.05	1.73	< 0.003	< 0.10	< 0.0010	< 0.010
	09/17/2001	< 0.05	1.8	< 0.003	0.1	< 0.0010	< 0.010
	03/18/2002	< 0.05	1.91	< 0.003	0.1	< 0.0010	< 0.010
	10/13/2002	< 0.05	1.77	< 0.003	< 0.10	< 0.0010	< 0.010
RM15	03/11/1998	< 0.05	1.63	0.003	0.13	< 0.0010	< 0.001
	03/26/1998	0.08	0.21	0.003	0.13	< 0.0010	< 0.001
	12/11/1999	< 0.05	1.7	0.001	0.14	< 0.0010	< 0.010
	03/07/2000	< 0.05	1.81	< 0.003	0.13	< 0.0010	< 0.010
	05/03/2000	< 0.05	1.83	< 0.003	0.13	< 0.0010	< 0.010
	09/25/2000	< 0.05	2.09	< 0.003	0.1	< 0.0010	< 0.010
	11/28/2000	< 0.05	2	< 0.003	0.13	< 0.0010	< 0.010
	03/14/2001	< 0.05	1.93	< 0.003	0.1	< 0.0010	< 0.010
	05/17/2001	< 0.05	1.91	< 0.003	0.1	< 0.0010	< 0.010
	05/17/2001	# < 0.05	# 1.83	# < 0.003	# 0.10	# < 0.0010	# < 0.010
	09/10/2001	< 0.05	1.77	< 0.003	< 0.10	< 0.0010	< 0.010
	03/18/2002	< 0.05	1.92	< 0.003	0.15	< 0.0010	< 0.010
	10/14/2002	< 0.05	1.82	< 0.003	0.14	< 0.0010	< 0.010
RM16	12/13/1999	0.06	0.55	0.001	< 0.10	< 0.0010	0.023
	03/04/2000	< 0.05	1.19	< 0.003	< 0.10	< 0.0010	< 0.010
	05/03/2000	< 0.05	1.27	< 0.003	< 0.10	< 0.0010	< 0.010
	09/26/2000	< 0.05	1.45	< 0.003	< 0.10	< 0.0010	< 0.010
	11/29/2000	0.18	1.59	< 0.003	< 0.10	< 0.0010	< 0.010
	03/12/2001	0.06	1.47	0.002	< 0.10	< 0.0010	< 0.010
	05/17/2001	< 0.05	1.46	< 0.003	< 0.10	< 0.0010	< 0.010
	09/10/2001	< 0.05	1.29	< 0.003	< 0.10	< 0.0010	< 0.010
	03/11/2002	< 0.10	1.19	< 0.003	0.13	< 0.0010	< 0.010
	09/08/2002	< 0.05	1.09	< 0.003	0.11	< 0.0010	< 0.010
RM17	12/13/1999	< 0.05	2.01	< 0.001	0.13	< 0.0010	< 0.010
	03/07/2000	< 0.05	1.92	< 0.003	0.12	< 0.0010	< 0.010
	05/03/2000	< 0.05	1.86	< 0.003	0.14	< 0.0010	< 0.010
	09/26/2000	< 0.05	1.99	< 0.003	0.1	0.003	< 0.010
	11/28/2000	< 0.05	2.08	< 0.003	0.14	< 0.0010	< 0.010
	11/28/2000	# < 0.05	# 2.04	# < 0.003	# 0.14	# < 0.0010	# < 0.010
	03/14/2001	< 0.05	1.84	< 0.003	0.2	< 0.0010	< 0.010
	05/17/2001	< 0.05	1.82	< 0.003	0.1	< 0.0010	< 0.010
	09/10/2001	< 0.05	1.8	< 0.003	< 0.10	< 0.0010	< 0.010

C45

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	NH3 (mg/l)	NO3+NO2 (mg/l)	As (mg/l)	Ba (mg/l)	Cd (mg/l)	Cr (mg/l)
RM17	03/12/2002	< 0.10	2.02	< 0.003	0.16	< 0.0010	< 0.010
	09/08/2002	0.06	1.87	< 0.003	0.14	< 0.0010	< 0.010

NOTES ***Bold Italic*** = Exceeds Ground-Water Protection Level

Bold Italic =Exceeds Ground-Water Quality Standard

"#" symbol before a value indicates that the value was a Quality Control Sample

C46

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET.

PLATEAU RESOURCES, LTD.

Well Name	Date	Cu (mg/l)	Pb (mg/l)	Hg (mg/l)	Mo (mg/l)	Se (mg/l)	Ag (mg/l)	Zn (mg/l)
RM1	09/26/1979	< 0.010	< 0.010	---	---	< 0.010	---	---
	12/04/1979	< 0.005	< 0.010	---	---	0.02	---	---
	01/09/1980	0.016	0.003	< 0.0010	---	< 0.010	---	---
	04/02/1980	0.009	< 0.001	< 0.0010	---	< 0.005	---	---
	07/17/1980	0.01	< 0.005	< 0.0010	< 0.010	< 0.005	< 0.001	---
	10/08/1980	< 0.001	< 0.001	< 0.0010	< 0.010	< 0.010	< 0.001	---
	01/20/1981	< 0.001	< 0.001	< 0.0010	< 0.005	< 0.010	< 0.001	< 0.010
	06/16/1981	0.013	< 0.001	< 0.0010	< 0.010	< 0.010	< 0.010	0.024
	11/28/1984	---	---	---	---	0.042	---	---
	01/18/1985	---	---	< 0.0020	< 0.100	< 0.010	< 0.010	---
	04/18/1985	---	0.1	< 0.0010	< 0.100	0.004	---	---
	05/08/1985	---	---	---	---	0.01	---	---
	06/04/1985	---	---	---	---	< 0.001	---	---
	07/03/1985	---	---	0.114	< 0.100	< 0.001	---	---
	08/08/1985	---	---	---	---	< 0.001	---	---
	09/18/1985	---	---	---	---	< 0.001	---	---
	10/07/1985	---	---	---	---	< 0.001	---	---
	11/04/1985	---	---	---	---	< 0.001	---	---
	12/02/1985	---	---	---	---	< 0.001	---	---
	01/08/1986	---	---	---	---	< 0.001	---	---
	02/03/1986	---	---	---	---	< 0.001	---	---
	03/04/1986	---	---	---	---	0.007	---	---
	04/10/1986	---	---	---	---	< 0.001	---	---
	10/14/1986	---	---	---	---	< 0.001	---	---
	04/21/1987	---	---	---	---	< 0.001	---	---
	10/15/1987	---	---	---	---	< 0.001	---	---
	10/10/1988	---	---	---	---	< 0.001	---	---
	04/03/1989	---	---	---	---	< 0.003	---	---
	10/02/1989	---	---	---	---	< 0.005	---	---
	04/02/1990	---	---	---	---	< 0.001	---	---
	09/24/1990	---	---	---	---	< 0.002	---	---
	04/22/1991	---	---	---	---	0.004	---	---
	11/05/1991	---	---	---	---	< 0.002	---	---
	04/22/1992	---	---	---	---	< 0.002	---	---
	10/12/1992	---	---	---	---	< 0.002	---	---
	04/05/1993	---	---	---	---	< 0.002	---	---
	10/15/1993	---	---	---	---	< 0.002	---	---
	04/20/1994	---	---	---	---	< 0.002	---	---
	10/18/1994	---	---	---	---	0.002	---	---
	04/17/1995	---	---	---	---	< 0.001	---	---
	10/10/1995	---	---	---	---	0.018	---	---
	03/19/1996	---	---	---	---	< 0.001	---	---
	11/12/1996	---	---	---	---	0.002	---	---
	04/13/1997	---	---	---	---	< 0.001	---	---
	09/21/1997	---	---	---	---	< 0.001	---	---
	03/04/1998	0.012	< 0.001	< 0.0010	0.002	0.002	< 0.001	0.343
	08/14/1998	---	---	---	---	0.001	---	---

C47

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	Cu (mg/l)	Pb (mg/l)	Hg (mg/l)	Mo (mg/l)	Se (mg/l)	Ag (mg/l)	Zn (mg/l)
RM1	03/08/1999	---	---	---	---	< 0.001	---	---
	09/04/1999	---	---	---	---	< 0.001	---	---
	12/11/1999	< 0.010	< 0.001	< 0.0010	< 0.005	< 0.001	< 0.010	0.01
	12/11/1999	# < 0.010	# < 0.001	# < 0.0010	# < 0.005	# < 0.001	# < 0.010	# < 0.010
	02/14/2000	---	---	---	---	0.002	---	---
	03/05/2000	< 0.010	< 0.002	< 0.0010	< 0.005	0.006	< 0.005	0.01
	05/02/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.01
	09/28/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	12/26/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/16/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	05/19/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/11/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/25/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	10/13/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
RM2	09/06/1979	0.01	< 0.010	---	---	< 0.010	---	---
	12/05/1979	< 0.005	< 0.010	---	---	0.02	---	---
	01/09/1980	0.012	0.012	< 0.0010	---	< 0.010	---	---
	04/02/1980	0.021	< 0.001	< 0.0010	---	< 0.005	---	---
	07/17/1980	< 0.010	< 0.005	< 0.0010	< 0.010	< 0.005	< 0.001	---
	10/08/1980	< 0.001	< 0.001	< 0.0010	< 0.010	< 0.010	< 0.001	---
	01/20/1981	< 0.001	< 0.001	< 0.0010	< 0.005	< 0.010	< 0.001	< 0.010
	04/17/1995	---	---	---	---	< 0.001	---	---
	03/26/1998	0.011	< 0.001	< 0.0010	0.001	0.002	< 0.001	0.016
RM2R	12/15/1999	< 0.010	< 0.001	< 0.0010	0.005	< 0.001	< 0.010	0.05
	03/08/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.02
	05/04/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.01
	05/04/2000	# < 0.010	# < 0.002	# < 0.0010	# < 0.005	# < 0.005	# < 0.005	# 0.010
	09/27/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	11/29/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/15/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.01
	05/18/2001	< 0.010	0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/16/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/16/2001	# < 0.010	# < 0.002	# < 0.0010	# < 0.005	# < 0.005	# < 0.005	# < 0.010
	03/18/2002	# < 0.010	# < 0.002	# < 0.0010	# < 0.005	# < 0.005	# < 0.005	# < 0.010
	03/18/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.013
	10/14/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	10/14/2002	# < 0.010	# < 0.002	# < 0.0010	# < 0.005	# < 0.005	# < 0.005	# < 0.010
RM3	01/25/1980	< 0.001	< 0.001	---	---	0.014	---	---
	04/02/1980	0.03	0.002	< 0.0010	---	< 0.005	---	---
	07/16/1980	< 0.010	< 0.005	< 0.0010	< 0.010	< 0.005	< 0.001	---
	10/08/1980	< 0.001	< 0.001	< 0.0010	< 0.010	< 0.010	< 0.001	---
	11/13/1980	< 0.001	< 0.010	< 0.0010	< 0.010	---	< 0.010	---
	11/15/1980	< 0.010	< 0.010	< 0.0010	< 0.010	---	< 0.010	---
	01/20/1981	< 0.001	< 0.001	< 0.0010	< 0.005	< 0.010	< 0.001	0.01
	03/13/1998	0.002	< 0.001	< 0.0010	0.001	0.004	< 0.001	0.056
	12/12/1999	< 0.010	< 0.001	< 0.0010	< 0.005	0.001	< 0.010	0.02

C48

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	Cu (mg/l)	Pb (mg/l)	Hg (mg/l)	Mo (mg/l)	Se (mg/l)	Ag (mg/l)	Zn (mg/l)
RM3	03/05/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	05/04/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/27/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/27/2000	# < 0.010	# < 0.002	# < 0.0010	# < 0.005	# < 0.005	# < 0.005	# < 0.010
	12/25/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/15/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	05/17/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/17/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/11/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	10/14/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
RM4	09/06/1979	0.01	< 0.010	---	---	< 0.010	---	---
	12/05/1979	< 0.005	< 0.010	---	---	0.02	---	---
	01/09/1980	0.008	< 0.002	---	---	< 0.005	---	---
	04/11/1980	0.02	< 0.001	< 0.0010	---	< 0.005	---	---
	07/22/1980	< 0.010	< 0.005	< 0.0010	< 0.010	< 0.005	< 0.001	---
	10/09/1980	< 0.001	< 0.001	< 0.0010	< 0.010	< 0.010	< 0.001	---
	01/20/1981	0.002	< 0.001	< 0.0010	< 0.005	< 0.010	< 0.001	< 0.010
	06/16/1981	0.003	< 0.001	< 0.0010	< 0.010	< 0.010	< 0.001	< 0.010
	01/25/1985	---	---	< 0.0020	< 0.100	< 0.010	---	---
	04/24/1985	---	0.1	< 0.0010	< 0.100	< 0.001	---	---
	05/14/1985	---	---	---	---	0.007	---	---
	06/07/1985	---	---	---	---	0.003	---	---
	07/01/1985	---	---	< 0.0010	< 0.100	< 0.001	---	---
	08/05/1985	---	---	---	---	< 0.001	---	---
	09/16/1985	---	---	---	---	< 0.001	---	---
	10/09/1985	---	---	---	---	< 0.001	---	---
	11/06/1985	---	---	---	---	< 0.001	---	---
	12/03/1985	---	---	---	---	< 0.001	---	---
	02/04/1986	---	---	---	---	< 0.001	---	---
	03/05/1986	---	---	---	---	0.002	---	---
	04/07/1986	---	---	---	---	0.005	---	---
	10/16/1986	---	---	---	---	0.011	---	---
	12/07/1986	---	---	---	---	< 0.001	---	---
	04/23/1987	---	---	---	---	< 0.001	---	---
	10/12/1987	---	---	---	---	< 0.001	---	---
	04/14/1988	---	---	---	---	< 0.001	---	---
	10/13/1988	---	---	---	---	< 0.001	---	---
	04/06/1989	---	---	---	---	0.012	---	---
	10/05/1989	---	---	---	---	< 0.005	---	---
	04/05/1990	---	---	---	---	< 0.001	---	---
	09/27/1990	---	---	---	---	< 0.002	---	---
	04/29/1991	---	---	---	---	< 0.002	---	---
	11/07/1991	---	---	---	---	< 0.002	---	---
	04/20/1992	---	---	---	---	< 0.002	---	---
	10/15/1992	---	---	---	---	< 0.002	---	---
	04/07/1993	---	---	---	---	< 0.002	---	---
	04/24/1994	---	---	---	---	< 0.002	---	---

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	Cu (mg/l)	Pb (mg/l)	Hg (mg/l)	Mo (mg/l)	Se (mg/l)	Ag (mg/l)	Zn (mg/l)
RM4	10/21/1994	---	---	---	---	0.003	---	---
	04/17/1995	---	---	---	---	0.002	---	---
	10/13/1995	---	---	---	---	< 0.001	---	---
	03/21/1996	---	---	---	---	0.001	---	---
	10/11/1996	---	---	---	---	< 0.001	---	---
	04/14/1997	---	---	---	---	< 0.001	---	---
	09/20/1997	---	---	---	---	< 0.001	---	---
	03/06/1998	0.009	0.002	< 0.0010	0.003	0.003	< 0.001	0.03
	08/14/1998	---	---	---	---	0.002	---	---
	03/08/1999	---	---	---	---	0.002	---	---
	09/05/1999	---	---	---	---	0.002	---	---
	02/12/2000	---	---	---	---	< 0.001	---	---
	09/25/2000	---	---	---	---	0.003	---	---
	03/15/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/17/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/26/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	10/28/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
RM4R	12/12/1999	< 0.010	< 0.001	< 0.0010	< 0.005	< 0.001	< 0.010	0.04
	03/08/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	05/03/2000	0.005	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.01
	09/25/2000	< 0.010	0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	11/28/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/14/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	05/17/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/17/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/11/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/09/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
RM5	09/06/1979	0.01	< 0.010	---	---	< 0.010	---	---
	12/05/1979	< 0.005	< 0.010	---	---	0.02	---	---
	01/09/1980	0.006	0.002	---	---	< 0.005	---	---
	04/02/1980	0.027	0.018	< 0.0010	---	< 0.005	---	---
	07/22/1980	< 0.010	< 0.005	< 0.0010	< 0.010	< 0.005	< 0.001	---
	10/09/1980	0.001	0.004	< 0.0010	< 0.010	< 0.010	< 0.001	---
	01/20/1981	---	< 0.001	---	---	0.011	---	< 0.010
	06/16/1981	0.003	---	< 0.0010	< 0.010	< 0.010	< 0.001	< 0.010
	11/28/1984	---	< 0.010	---	---	0.03	---	---
	01/22/1985	---	---	< 0.0020	< 0.100	< 0.010	---	---
	04/23/1985	---	0.1	< 0.0010	< 0.010	0.002	---	---
	05/10/1985	---	---	---	---	0.009	---	---
	06/06/1985	---	---	---	---	< 0.001	---	---
	07/02/1985	---	---	< 0.0010	< 0.100	< 0.001	---	---
	08/05/1985	---	---	---	---	< 0.001	---	---
	09/17/1985	---	---	---	---	< 0.001	---	---
	10/08/1985	---	---	---	---	< 0.001	---	---
	11/06/1985	---	---	---	---	< 0.001	---	---
	12/03/1985	---	---	---	---	< 0.001	---	---
	01/08/1986	---	---	---	---	< 0.001	---	---

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	Cu (mg/l)	Pb (mg/l)	Hg (mg/l)	Mo (mg/l)	Se (mg/l)	Ag (mg/l)	Zn (mg/l)
RM5	02/04/1986	---	---	---	---	< 0.001	---	---
	03/05/1986	---	---	---	---	0.001	---	---
	04/08/1986	---	0.1	---	---	0.005	---	---
	10/15/1986	---	---	---	---	0.018	---	---
	04/23/1987	---	---	---	---	< 0.001	---	---
	10/16/1987	---	---	---	---	< 0.001	---	---
	04/13/1988	---	---	---	---	< 0.001	---	---
	10/12/1988	---	---	---	---	< 0.001	---	---
	04/05/1989	---	---	---	---	< 0.003	---	---
	10/04/1989	---	---	---	---	< 0.005	---	---
	04/04/1990	---	---	---	---	< 0.001	---	---
	09/26/1990	---	---	---	---	< 0.002	---	---
	04/25/1991	---	---	---	---	0.003	---	---
	11/07/1991	---	---	---	---	< 0.002	---	---
	04/21/1992	---	---	---	---	< 0.002	---	---
	10/14/1992	---	---	---	---	0.002	---	---
	04/06/1993	---	---	---	---	0.002	---	---
	10/18/1993	---	---	---	---	0.004	---	---
	04/22/1994	---	---	---	---	< 0.002	---	---
	10/20/1994	---	---	---	---	0.001	---	---
	04/17/1995	---	---	---	---	< 0.001	---	---
	10/12/1995	---	---	---	---	< 0.001	---	---
	03/21/1996	---	---	---	---	0.001	---	---
	10/11/1996	---	---	---	---	< 0.001	---	---
	04/10/1997	---	---	---	---	< 0.001	---	---
	09/19/1997	---	---	---	---	< 0.001	---	---
	03/13/1998	< 0.001	< 0.001	< 0.0010	0.001	0.002	< 0.001	0.022
	08/15/1998	---	---	---	---	0.002	---	---
	03/09/1999	---	---	---	---	0.001	---	---
	09/05/1999	---	---	---	---	< 0.001	---	---
	02/13/2000	---	---	---	---	< 0.001	---	---
	09/26/2000	---	---	---	---	< 0.001	---	---
	03/15/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/17/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/11/2002	< 0.010	0.008	< 0.0010	< 0.005	< 0.005	< 0.005	0.011
	10/14/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.036
RM6	09/06/1979	0.01	< 0.010	---	---	< 0.010	---	---
	12/05/1979	< 0.005	< 0.010	---	---	0.02	---	---
	01/09/1980	0.009	< 0.001	---	---	0.006	---	---
	04/02/1980	0.002	0.022	< 0.0010	---	< 0.005	---	---
	07/19/1980	< 0.010	< 0.005	< 0.0010	< 0.010	< 0.005	< 0.001	---
	10/08/1980	0.001	< 0.001	< 0.0010	< 0.010	< 0.010	< 0.001	---
	01/08/1981	---	< 0.001	---	---	< 0.010	---	< 0.010
	01/20/1981	---	< 0.001	---	---	< 0.010	---	< 0.010
	06/16/1981	0.003	---	< 0.0010	< 0.010	< 0.010	< 0.001	< 0.010
	01/29/1985	---	---	< 0.0020	< 0.100	< 0.010	---	---
	04/22/1985	---	0.1	< 0.0010	< 0.100	0.02	---	---

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	Cu (mg/l)	Pb (mg/l)	Hg (mg/l)	Mo (mg/l)	Se (mg/l)	Ag (mg/l)	Zn (mg/l)
RM6	05/09/1985	---	---	---	---	0.009	---	---
	06/05/1985	---	---	---	---	< 0.001	---	---
	07/03/1985	---	---	0.03	< 0.100	< 0.001	---	---
	08/07/1985	---	---	---	---	< 0.001	---	---
	09/17/1985	---	---	---	---	< 0.001	---	---
	10/08/1985	---	---	---	---	< 0.001	---	---
	11/04/1985	---	---	---	---	< 0.001	---	---
	12/02/1985	---	---	---	---	< 0.001	---	---
	01/06/1986	---	---	---	---	< 0.001	---	---
	02/03/1986	---	---	---	---	< 0.001	---	---
	03/04/1986	---	---	---	---	0.002	---	---
	04/10/1986	---	0.1	---	---	0.009	---	---
	10/15/1986	---	---	---	---	0.009	---	---
	04/22/1987	---	---	---	---	< 0.001	---	---
	10/14/1987	---	---	---	---	0.006	---	---
	04/12/1988	---	---	---	---	< 0.001	---	---
	10/11/1988	---	---	---	---	0.003	---	---
	04/05/1989	---	---	---	---	< 0.003	---	---
	10/03/1989	---	---	---	---	< 0.005	---	---
	04/03/1990	---	---	---	---	< 0.001	---	---
	09/25/1990	---	---	---	---	< 0.002	---	---
	04/23/1991	---	---	---	---	< 0.002	---	---
	11/06/1991	---	---	---	---	< 0.002	---	---
	04/21/1992	---	---	---	---	< 0.002	---	---
	10/13/1992	---	---	---	---	< 0.002	---	---
	04/06/1993	---	---	---	---	< 0.002	---	---
	10/16/1993	---	---	---	---	< 0.002	---	---
	04/02/1994	---	---	---	---	< 0.002	---	---
	10/19/1994	---	---	---	---	0.001	---	---
	04/17/1995	---	---	---	---	< 0.001	---	---
	10/11/1995	---	---	---	---	0.003	---	---
	03/20/1996	---	---	---	---	0.001	---	---
	10/10/1996	---	---	---	---	< 0.001	---	---
	04/12/1997	---	---	---	---	< 0.001	---	---
	09/19/1997	---	---	---	---	< 0.001	---	---
	03/13/1998	< 0.001	< 0.001	< 0.0010	< 0.001	0.002	< 0.001	0.024
	08/15/1998	---	---	---	---	0.001	---	---
	03/09/1999	---	---	---	---	< 0.001	---	---
	09/05/1999	---	---	---	---	0.001	---	---
	02/14/2000	---	---	---	---	< 0.001	---	---
	09/25/2000	---	---	---	---	0.002	---	---
	03/15/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/16/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/18/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	10/14/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
RM7	03/16/1992	---	---	< 0.0002	---	< 0.002	< 0.010	---
	03/16/1992	---	# 0.040	# 0.0002	---	# < 0.002	# < 0.010	---

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	Cu (mg/l)	Pb (mg/l)	Hg (mg/l)	Mo (mg/l)	Se (mg/l)	Ag (mg/l)	Zn (mg/l)
RM7	03/04/1998	< 0.001	< 0.001	< 0.0010	0.002	0.003	< 0.001	0.032
	09/08/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
RM8	03/16/1992	---	---	0.0002	---	< 0.002	< 0.010	---
	08/28/1992	---	---	---	---	< 0.002	---	---
	03/04/1998	0.008	< 0.001	< 0.0010	0.002	0.005	< 0.001	0.027
RM9	03/16/1992	0.01	---	---	---	---	---	0.005
	03/04/1998	< 0.001	< 0.001	< 0.0010	< 0.001	0.001	< 0.001	0.044
RM10	01/06/1999	0.003	< 0.001	0.004	0.012	0.002	< 0.001	0.003
	12/16/1999	< 0.010	< 0.001	0.001	0.016	< 0.001	< 0.010	0.03
	03/03/2000	< 0.010	< 0.002	0.001	0.018	< 0.005	< 0.005	0.02
	05/04/2000	< 0.010	< 0.002	< 0.0010	0.009	< 0.005	< 0.005	0.03
	09/27/2000	< 0.010	< 0.002	0.0013	0.021	< 0.005	< 0.005	< 0.010
	12/26/2000	< 0.010	< 0.002	0.0019	0.009	< 0.005	< 0.005	< 0.010
	03/12/2001	0.02	0.005	0.002	0.007	< 0.005	< 0.005	0.02
	05/17/2001	0.01	< 0.002	0.002	0.006	< 0.005	< 0.005	0.01
	09/10/2001	< 0.010	0.003	< 0.0010	< 0.005	< 0.005	< 0.005	0.03
	02/05/2002	< 0.010	< 0.002	0.001	< 0.005	0.005	< 0.005	< 0.010
	03/18/2002	< 0.010	< 0.002	0.001	0.005	< 0.005	< 0.005	< 0.010
	10/13/2002	0.012	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.018
RM11	05/13/1998	0.002	0.001	< 0.0010	0.012	0.001	< 0.001	0.018
	12/10/1999	< 0.010	< 0.001	< 0.0010	< 0.005	0.002	< 0.010	< 0.010
	03/04/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.012
	05/02/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/27/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	11/29/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/15/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	05/17/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/10/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/19/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	10/27/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
RM12	03/05/1998	0.003	< 0.001	< 0.0010	0.01	0.004	< 0.001	0.056
	12/14/1999	< 0.010	< 0.001	< 0.0010	0.005	< 0.001	< 0.010	< 0.010
	03/04/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.012
	03/04/2000	# < 0.010	# < 0.002	# < 0.0010	# < 0.005	# < 0.005	# < 0.005	# 0.012
	05/04/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.02
	09/28/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	12/26/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.01
	03/16/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.01
	05/19/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.01
	09/11/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/26/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	10/13/2002	0.027	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.15
RM13	12/14/1999	< 0.010	< 0.001	< 0.0010	< 0.005	< 0.001	< 0.010	0.03
	03/07/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.02
	05/03/2000	0.001	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/26/2000	0.001	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.07

C 49

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	Cu (mg/l)	Pb (mg/l)	Hg (mg/l)	Mo (mg/l)	Se (mg/l)	Ag (mg/l)	Zn (mg/l)
RM13	11/28/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/14/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	05/17/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/10/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/12/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/08/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
RM14	12/15/1999	< 0.010	< 0.001	< 0.0010	< 0.005	< 0.001	< 0.010	0.02
	03/08/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	05/04/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.02
	09/27/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.014
	11/29/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/14/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/14/2001	# < 0.010	# < 0.002	# < 0.0010	# < 0.005	# < 0.005	# < 0.005	# < 0.010
	05/18/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/17/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/18/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	10/13/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
RM15	03/11/1998	0.001	0.001	< 0.0010	0.001	0.002	< 0.001	0.026
	03/26/1998	0.002	0.001	< 0.0010	0.002	0.002	< 0.001	0.176
	12/11/1999	< 0.010	< 0.001	< 0.0010	< 0.005	< 0.001	< 0.010	0.02
	03/07/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.18
	05/03/2000	0.001	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/25/2000	< 0.010	0.003	< 0.0010	< 0.005	< 0.005	< 0.005	0.07
	11/28/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/14/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	05/17/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	05/17/2001	# < 0.010	# < 0.002	# < 0.0010	# < 0.005	# < 0.005	# < 0.005	# < 0.010
	09/10/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/18/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	10/14/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
RM16	12/13/1999	< 0.010	< 0.001	< 0.0010	0.012	< 0.001	< 0.010	< 0.010
	03/04/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.012
	05/03/2000	0.001	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/26/2000	0.001	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.03
	11/29/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/12/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	05/17/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/10/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/11/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/08/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
RM17	12/13/1999	< 0.010	< 0.001	< 0.0010	< 0.005	< 0.001	< 0.010	0.02
	03/07/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	0.01
	05/03/2000	0.001	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/26/2000	0.001	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	11/28/2000	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	11/28/2000	# < 0.010	# < 0.002	# < 0.0010	# < 0.005	# < 0.005	# < 0.005	# < 0.010

C5D

TABLE 5-1. GROUND-WATER QUALITY DATA FOR SHOOTARING ADJUSTED DATA SET. (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	Cu (mg/l)	Pb (mg/l)	Hg (mg/l)	Mo (mg/l)	Se (mg/l)	Ag (mg/l)	Zn (mg/l)
RM17	03/14/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	05/17/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/10/2001	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	03/12/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010
	09/08/2002	< 0.010	< 0.002	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.010

NOTES ***Bold Italic*** = Exceeds Ground-Water Protection Level

Bold Italic =Exceeds Ground-Water Quality Standard

"#" symbol before a value indicates that the value was a Quality Control Sample

c51

TABLE 5-2. GROUND-WATER QUALITY DATA REMOVED FROM THE SHOOTARING DATA SET

PLATEAU RESOURCES, LTD.

Well Name	Date	pH(f) (std.	Temp (deg. C)	Cond(f) (µmhos)	TDS (mg/l)	SO4 (mg/l)	Cl (mg/l)	Unat (mg/l)	F (mg/l)
RM1	4/11/1980	---	---	---	---	---	---	0.00000	---
	7/22/1980	---	---	---	---	---	---	0.00000	---
	5/31/1982	---	---	---	162	12.0	---	0.00410	0.70
	7/21/1982	---	---	---	296	36.2	2.1	0.00660	0.00
	8/12/1982	---	---	---	---	---	---	0.00340	---
	9/24/1982	---	---	---	214	111.0	1.8	0.00500	< 0.10
	10/27/1982	---	---	---	220	83.5	22.0	0.01000	0.20
	11/30/1982	---	---	---	231	56.4	5.2	0.00340	< 0.05
	12/15/1982	---	---	---	245	22.0	3.0	0.00340	0.28
	1/31/1983	---	---	---	222	72.0	4.7	0.01620	0.22
	2/23/1983	---	---	---	217	78.2	5.7	0.01090	0.05
	3/28/1983	---	---	---	187	17.3	5.7	0.00560	< 0.10
	6/27/1983	---	---	---	232	39.0	4.9	0.01920	0.00
	9/29/1983	---	---	---	149	14.0	7.0	0.04430	0.00
	12/7/1983	---	---	---	225	110.0	3.0	0.00590	0.07
	1/8/1986	---	---	---	9.90	---	---	---	---
RM4	4/2/1982	---	---	---	---	---	---	0.00440	---
	5/26/1982	---	---	---	147	10.0	---	0.00070	---
	6/17/1982	---	---	---	420	15.1	4.0	0.00160	0.00
	7/21/1982	---	---	---	338	42.0	0.0	0.00460	0.00
	8/12/1982	---	---	---	503	35.4	---	0.00180	< 0.10
	10/27/1982	---	---	---	166	68.3	16.0	0.00870	< 0.10
	11/29/1982	---	---	---	197	65.4	4.0	0.00010	< 0.05
	12/15/1982	---	---	---	200	30.0	0.7	0.00010	0.15
	1/31/1983	---	---	---	187	64.6	4.9	0.02070	0.12
	2/23/1983	---	---	---	185	92.2	4.7	0.00300	0.00
	3/28/1983	---	---	---	144	19.3	3.0	0.00220	< 0.10
	6/28/1983	---	---	---	210	32.0	2.0	0.00640	0.00
	9/29/1983	---	---	---	---	---	---	0.00090	---
	12/7/1983	---	---	---	---	---	---	0.00620	---
	12/7/1986	---	---	---	9.00	---	---	---	---
RM5	4/2/1980	---	---	---	---	---	---	0.00000	---
	7/22/1980	---	---	---	---	---	---	0.00000	---
	4/28/1982	---	---	---	---	---	---	0.00300	---
	5/26/1982	---	---	---	156	14.0	---	0.00020	---
	6/17/1982	---	---	---	335	22.9	4.0	0.00220	0.10
	7/21/1982	---	---	---	160	35.0	0.7	0.00650	0.00
	8/12/1982	---	---	---	278	40.7	---	0.00300	< 0.10
	9/24/1982	---	---	---	---	450.0	0.0	0.00970	---
	10/27/1982	---	---	---	170	77.0	20.0	0.01050	< 0.10
	11/29/1982	---	---	---	165	62.1	3.2	0.00010	< 0.50
	12/15/1982	---	---	---	183	29.0	3.0	0.00160	0.15
	1/31/1983	---	---	---	147	54.3	4.2	0.00740	0.11
	2/23/1983	---	---	---	135	75.3	4.4	0.00520	0.08
	3/28/1983	---	---	---	96.0	17.7	4.2	0.00270	< 0.10
	6/28/1983	---	---	---	123	36.0	1.2	0.00560	0.00
	9/29/1983	---	---	---	77.0	6.0	4.0	0.00220	0.00

TABLE 5-2. GROUND-WATER QUALITY DATA REMOVED FROM THE SHOOTARING DATA SET (cont'd)

PLATEAU RESOURCES, LTD.

Well Name	Date	pH(f) (std.	Temp (deg. C)	Cond(f) (µmhos)	TDS (mg/l)	SO4 (mg/l)	Cl (mg/l)	Unat (mg/l)	F (mg/l)
RM5	12/7/1983	---	---	---	68.0	54.0	3.2	0.00650	0.06
	1/8/1986	---	---	---	9.90	---	---	---	---
RM6	1/9/1980	---	---	---	< 0.200	---	---	---	---
	7/19/1980	---	---	---	---	---	---	0.00000	---
	4/28/1982	---	---	---	---	---	---	0.00130	---
	5/26/1982	---	---	---	154	17.0	---	0.00060	---
	6/17/1982	---	---	---	369	25.1	0.0	0.00320	0.10
	7/21/1982	---	---	---	320	44.4	---	0.00590	0.00
	8/12/1982	---	---	---	358	44.0	---	0.00300	< 0.10
	9/24/1982	---	---	---	230	103.0	0.0	0.00270	< 0.10
	10/27/1982	---	---	---	198	84.0	18.0	0.00690	< 0.10
	11/29/1982	---	---	---	210	72.0	4.9	0.00740	0.06
	12/15/1982	---	---	---	212	31.0	3.0	0.00000	0.16
	1/31/1983	---	---	---	186	57.6	6.4	0.01920	0.13
	2/23/1983	---	---	---	185	85.6	4.9	0.00350	0.00
	3/28/1983	---	---	---	164	20.6	3.9	0.00210	< 0.10
	6/28/1983	---	---	---	182	34.0	2.7	0.00120	0.00
	12/7/1983	---	---	---	140	60.0	3.2	0.00580	0.07
	1/6/1986	---	---	---	9.00	---	---	---	---
RM10	9/10/2001	---	---	---	753	---	---	---	---

TABLE 5-2. GROUND-WATER QUALITY DATA REMOVED FROM THE SHOOTARING DATA SET (cont'd.)

PLATEAU RESOURCES, LTD.

Well Name	Date	NH3 (mg/l)	NO3+NO2 (mg/l)	As (mg/l)	Ba (mg/l)	Cd (mg/l)	Cr (mg/l)
RM1	5/31/1982	---	---	0.130	0.00	0.0000	0.000
	7/21/1982	---	---	0.000	0.00	0.0000	0.070
	9/24/1982	---	---	0.000	0.00	0.0000	0.000
	10/27/1982	---	---	0.003	0.16	0.0006	0.002
	11/30/1982	---	---	0.003	0.15	0.0003	0.002
	12/15/1982	---	---	0.004	0.20	0.0004	0.002
	1/31/1983	---	---	0.000	0.18	0.0001	0.010
	2/23/1983	---	---	0.004	0.18	0.0020	0.012
	3/28/1983	---	---	0.004	0.16	0.0001	0.007
	6/27/1983	---	---	0.002	0.08	0.0003	0.005
	9/29/1983	---	---	0.000	0.13	0.0000	0.008
	12/7/1983	---	---	0.700	0.16	0.0005	0.003
RM3	11/13/1980	---	---	---	---	< 0.0100	---
	11/15/1980	---	---	---	---	< 0.0100	---
RM4	5/26/1982	---	---	0.070	0.00	---	0.000
	6/17/1982	---	---	0.000	0.30	0.0400	0.100
	7/21/1982	---	---	0.000	0.00	0.0100	0.070
	8/12/1982	---	---	0.000	0.00	0.0100	0.110
	10/27/1982	---	---	0.002	0.20	0.0000	0.003
	11/29/1982	---	---	0.002	0.13	0.0002	0.002
	12/15/1982	---	---	0.008	0.24	0.0001	0.003
	1/31/1983	---	---	0.001	0.18	0.0000	0.013
	2/23/1983	---	---	0.000	0.16	0.0010	0.019
	3/28/1983	---	---	0.002	0.18	0.0000	0.003
	6/28/1983	---	---	0.000	0.10	0.0000	0.002
RM5	9/6/1979	---	---	---	---	< 0.0100	---
	5/26/1982	---	---	0.040	0.00	0.0000	0.000
	6/17/1982	---	---	0.000	0.10	0.0100	0.100
	7/21/1982	---	---	0.000	0.00	0.0000	0.050
	8/12/1982	---	---	0.000	0.00	0.0100	0.100
	9/24/1982	---	---	0.002	0.00	0.0020	0.020
	10/27/1982	---	---	0.000	0.11	0.0005	0.002
	11/29/1982	---	---	0.000	0.09	0.0020	0.000
	12/15/1982	---	---	0.008	0.09	0.0002	0.003
	1/31/1983	---	---	0.000	0.07	0.0003	0.016
	2/23/1983	---	---	0.000	0.11	0.0070	0.011
	3/28/1983	---	---	0.005	0.11	0.0000	0.004
	6/28/1983	---	---	0.000	0.05	0.0000	0.002
	9/29/1983	---	---	0.000	0.05	0.0010	0.005
	12/7/1983	---	---	0.000	0.06	0.0010	0.003
RM6	5/26/1982	---	---	0.130	0.00	0.0000	0.000
	6/17/1982	---	---	0.000	0.20	0.0100	0.100
	7/21/1982	---	---	0.000	0.00	0.0100	0.050
	8/12/1982	---	---	0.000	0.00	0.0100	0.130
	9/24/1982	---	---	0.000	0.00	0.0000	0.000
	10/27/1982	---	---	0.000	0.31	0.0001	0.004

TABLE 5-2. GROUND-WATER QUALITY DATA REMOVED FROM THE SHOOTARING DATA SET (cont'd.)

PLATEAU RESOURCES, LTD.

Well Name	Date	NH3 (mg/l)	NO3+NO2 (mg/l)	As (mg/l)	Ba (mg/l)	Cd (mg/l)	Cr (mg/l)
RM6	11/29/1982	---	---	0.000	0.25	0.0003	0.003
	12/15/1982	---	---	0.007	0.38	0.0003	0.003
	1/31/1983	---	---	0.000	0.32	0.0000	0.014
	2/23/1983	---	---	0.000	0.22	0.0007	0.015
	3/28/1983	---	---	0.003	0.34	0.0000	0.004
	6/28/1983	---	---	0.000	0.05	0.0008	0.002
	12/7/1983	---	---	0.200	0.26	0.0000	0.003

TABLE 5-2. GROUND-WATER QUALITY DATA REMOVED FROM THE SHOOTARING DATA SET (cont'd.)

PLATEAU RESOURCES, LTD.

Well Name	Date	Cu (mg/l)	Pb (mg/l)	Hg (mg/l)	Mo (mg/l)	Se (mg/l)	Ag (mg/l)	Zn (mg/l)
RM1	9/26/1979	---	---	< 0.0100	---	---	---	---
	12/4/1979	---	---	< 0.0100	---	---	---	---
	5/31/1982	0.010	0.000	0.0000	0.000	0.100	0.000	---
	7/21/1982	0.010	0.100	0.0000	0.000	1.200	0.030	---
	9/24/1982	0.000	0.000	0.0000	0.000	0.100	0.000	---
	10/27/1982	0.000	0.132	0.0000	0.002	0.001	0.000	---
	11/30/1982	0.000	0.046	0.0000	0.003	0.000	0.000	---
	12/15/1982	0.001	0.057	0.0000	0.002	0.000	0.000	---
	1/31/1983	0.001	0.087	0.0000	0.000	0.007	0.002	---
	2/23/1983	0.007	0.024	0.0000	0.000	0.009	0.000	---
	3/28/1983	0.000	0.130	0.0000	0.004	0.006	0.000	---
	6/27/1983	0.000	0.001	0.0000	0.001	0.002	0.000	---
	9/29/1983	0.010	0.001	0.0000	0.003	0.002	0.000	---
	12/7/1983	0.000	0.080	0.0000	0.000	0.000	0.000	---
	11/28/1984	---	< 0.100	---	---	---	---	---
	1/18/1985	---	< 0.100	---	---	---	---	---
	7/3/1985	---	< 0.100	---	---	---	---	---
	1/8/1986	---	< 0.100	---	---	---	---	---
	4/10/1986	---	< 0.100	---	---	---	---	---
RM2	9/6/1979	---	---	< 0.0100	---	---	---	---
	12/5/1979	---	---	< 0.0100	---	---	---	---
RM3	1/25/1980	---	---	< 0.0050	---	---	---	---
RM4	9/6/1979	---	---	< 0.0100	---	---	---	---
	12/5/1979	---	---	< 0.0100	---	---	---	---
	1/9/1980	---	---	< 0.0050	---	---	---	---
	5/26/1982	0.010	0.000	0.0000	0.000	0.100	0.000	---
	6/17/1982	0.050	0.200	0.0000	0.100	1.500	0.000	---
	7/21/1982	0.010	0.100	0.0000	0.000	1.200	0.030	---
	8/12/1982	0.020	0.160	0.0000	0.100	1.400	0.010	---
	10/27/1982	0.003	0.001	0.0000	0.002	0.001	0.000	---
	11/29/1982	0.000	0.442	0.0000	0.002	0.000	0.000	---
	12/15/1982	0.001	0.411	0.0000	0.002	0.000	0.000	---
	1/31/1983	0.003	0.149	0.0000	0.000	0.008	0.001	---
	2/23/1983	0.007	0.020	0.0000	0.000	0.006	0.000	---
	3/28/1983	0.001	0.190	0.0000	0.004	0.006	0.000	---
	6/28/1983	0.010	0.000	0.0000	0.000	0.002	0.003	---
	1/25/1985	---	< 0.100	---	---	---	---	---
	7/1/1985	---	< 0.100	---	---	---	---	---
	4/7/1986	---	< 0.100	---	---	---	---	---
	12/7/1986	---	< 0.100	---	---	---	---	---
RM5	9/6/1979	---	---	< 0.0100	---	---	---	---
	12/5/1979	---	---	< 0.0100	---	---	---	---
	1/9/1980	---	---	< 0.0050	---	---	---	---
	5/26/1982	0.000	---	0.0000	0.000	0.100	0.000	---
	6/17/1982	0.030	0.100	0.0000	0.100	1.000	0.000	---
	7/21/1982	0.010	0.000	0.0000	0.000	1.100	0.010	---

TABLE 5-2. GROUND-WATER QUALITY DATA REMOVED FROM THE SHOOTARING DATA SET (cont'd.)

PLATEAU RESOURCES, LTD.

Well Name	Date	Cu (mg/l)	Pb (mg/l)	Hg (mg/l)	Mo (mg/l)	Se (mg/l)	Ag (mg/l)	Zn (mg/l)
RM5	8/12/1982	0.030	0.100	0.0000	0.100	1.100	0.010	---
	9/24/1982	0.010	0.033	0.0000	0.000	0.100	0.001	---
	10/27/1982	0.041	0.000	0.0000	0.000	0.000	0.000	---
	11/29/1982	0.008	0.110	0.0000	0.002	0.000	0.000	---
	12/15/1982	0.009	0.032	0.0000	0.001	0.000	0.001	---
	1/31/1983	0.002	0.032	0.0000	0.000	0.004	0.016	---
	2/23/1983	0.007	0.009	0.0000	0.000	0.007	0.000	---
	3/28/1983	0.003	0.033	0.0000	0.003	0.005	0.000	---
	6/28/1983	0.000	0.000	0.0000	0.000	0.003	0.001	---
	9/29/1983	0.007	0.002	0.0000	0.001	0.001	0.000	---
	12/7/1983	0.000	0.040	0.0000	0.000	0.000	0.000	---
	1/22/1985	---	< 0.100	---	---	---	---	---
	7/2/1985	---	< 0.100	---	---	---	---	---
	1/8/1986	---	< 0.100	---	---	---	---	---
RM6	9/6/1979	---	---	< 0.0100	---	---	---	---
	12/5/1979	---	---	< 0.0100	---	---	---	---
	1/9/1980	---	---	< 0.0050	---	---	---	---
	5/26/1982	0.000	---	0.0000	0.000	0.200	0.000	---
	6/17/1982	0.030	0.200	0.0000	0.100	1.100	0.000	---
	7/21/1982	0.010	0.100	0.0000	0.000	1.100	0.010	---
	8/12/1982	0.020	0.150	0.0000	0.100	1.150	0.010	---
	9/24/1982	0.000	0.001	0.0000	0.000	0.000	0.000	---
	10/27/1982	0.001	0.038	0.0000	0.003	0.000	0.000	---
	11/29/1982	0.003	0.545	0.0000	0.002	0.000	0.000	---
	12/15/1982	0.004	0.859	0.0000	0.002	0.000	0.000	---
	1/31/1983	0.002	0.128	0.0000	0.003	0.006	0.000	---
	2/23/1983	0.007	0.055	0.0000	0.000	0.006	0.002	---
	3/28/1983	0.001	0.510	0.0000	0.003	0.007	0.000	---
	6/28/1983	0.000	0.030	0.0000	0.001	0.002	0.000	---
	12/7/1983	0.000	0.120	0.0000	0.000	0.000	0.000	---
	1/29/1985	---	< 0.100	---	---	---	---	---
	7/3/1985	---	< 0.100	---	---	---	---	---
	1/6/1986	---	< 0.100	---	---	---	---	---
RM7	3/16/1992	---	< 0.020	---	---	---	---	---
RM8	3/16/1992	---	< 0.020	---	---	---	---	---

6.0 NATURAL VARIATIONS IN CONCENTRATIONS

An analysis was conducted to better define the full range of natural variability of water quality in the Entrada aquifer at the Shootaring tailings site. This analysis used only the data for an individual well through 2002 in one analysis and computed the mean and standard deviation. Only data in Table 5-1 for each parameter and each well were used as the data set. Table 5-2 presents the values removed from the Shootaring data set. Five TDS measurements were removed because the values were lower than typical major constituents. The TDS from the September 10, 2001, sample for well RM10 was removed because the value was significantly too large based on field conductivity and the re-sampled TDS value. Concentrations that were reported as zero were also removed from the Shootaring data set because the detection level was unknown for these values. The values with a detection level above the GWQS were also removed. The statistical distribution of this ground-water quality data will also be evaluated in the future when more data is available for the new wells.

Table 6-1 presents a result of the TDS analysis of the Shootaring data for each well and presents the results of the three calculations to obtain the ground-water protection level. The ground-water protection level is the larger of 1.1 times the mean, mean plus two standard deviations and 0.1 times the GWQS. For this interim analysis, a normal distribution is assumed to be adequate. This approach would leave approximately five percent of the data above the GWPL value when the mean plus two standard deviations defines the GWPL, assuming a normal distribution. The GWPL for TDS ranges from 199 to 364 mg/l and is presented in Table 6-1 as the higher value in bold. Only the recent 2002 TDS value from well RM12 exceeded its GWPL.

The sulfate concentrations for each well were calculated to determine the GWPL for each individual well. Table 6-2 presents these results with the GWPL. These tables were selected by using the highest value of the three methods of calculation of the GWPL. The highest value is indicated with bold text in Table 6-2 and shows that the GWPL varies from a low of 50 to a high of 74 mg/l for the Entrada wells. The only 2002 sulfate data that exceeds the GWPL is the latest sulfate concentration from

upgradient well RM12. It is likely that the sulfate data may require a different distribution, which may yield a slightly higher upper natural level for sulfate.

Chloride concentrations have been measured up to 33 mg/l in the Entrada aquifer. The GWPL for chloride varied from 25 to 28.5 mg/l (see Table 6-3). The last chloride concentration for upgradient well RM12 for 2002 exceeded its GWPL. The normal distribution may not be appropriate for chloride concentrations in the Entrada aquifer and the GWPL may increase when the distribution of more data is considered.

The nitrate plus nitrite GWPL ranges from 1.6 to 7.0 mg/l which are less than the nitrate + nitrite GWQS of 10 mg/l (see Table 6-4). All nitrate values in the data set that were measured without nitrite were also used in the nitrate + nitrite calculations because the nitrate + nitrite level should be at least equal to the nitrate value. The ammonia GWPL based on the individual data set for each Entrada wells was 3 mg/l, which was defined by one-tenth of the GWQS. Table 6-5 presents the tabulation of the ammonia analysis for determining the GWPL.

Table 6-6 presents the tabulation of the analysis for uranium concentration. The NRC standard of 0.44 mg/l was used in this tabulation because the State does not have a ground-water quality standard for uranium. One-tenth of this value is greater than any of the uranium concentrations measured and therefore it is the governing criteria for calculating the GWPL for this parameter. Table 6-7 presents the tabulation of the fluoride calculations for the Shootaring site. This shows that the mean plus two standard deviations defines the GWPL for well RM3 while one-tenth of the GWQS defines the GWPL for the remainder of the wells. The mean of the fluoride concentrations varied from 0.19 to 0.40 mg/l. None of 2002 fluoride concentrations were above their GWPL for the Entrada aquifer.

A non-parametric distribution may ultimately be the best approach for analysis of heavy metal concentrations at the site due to the large number of non-detects. At present, the number of samples is too small to justify a non-parametric approach. The following initial estimates of the GWPL was developed by adding two standard deviations to the mean if this was the highest of the three calculations. Table 6-8 presents the results for arsenic. The mean plus two standard deviations for arsenic

defined GWPLs from 0.007 to 0.087 mg/l. This is an estimate for the upper level of arsenic in the Entrada aquifer at each of these wells. The arsenic concentration in well RM10 exceeded the GWQS in 2002 but not its GWPL. The GWPL values for barium vary from 0.2 to 0.71 mg/l. Table 6-9 presents the barium results.

The cadmium concentration results are presented in Table 6-10 with GWPL's defined between 0.001 to 0.033 mg/l. The value of one-tenth times the GWQS for cadmium is lower than the present lower limit of detection and therefore the detection limit was substituted for one-tenth of the GWQS since concentrations will not be measured below this level. The last cadmium from well RM12 exceeded its GWPL.

The GWPL for chromium varied from 0.01 to 0.114 mg/l, (see Table 6-11) and exhibited a moderate range of natural variability. The last chromium concentration from wells RM10 and RM12 exceeded their respective GWPL. The limited frequency of detection of copper and the higher GWQS results in the GWPL for copper being defined by 0.1 times GWQS for all wells (see Table 6-12).

Interim GWPL values for lead, mercury, molybdenum, selenium, silver and zinc are presented in Tables 6-13 through 6-18, respectively. Use of a non-parametric distribution for these parameters may increase their estimate of upper limit concentrations in the future.

In general, the present definition of individual GWPLs shows that the present ground-water quality is within these levels except for TDS, chloride, sulfate, cadmium and chromium from upgradient well RM12 and chromium from well RM10. These concentrations should fit within the GWPL. Therefore some adjustment in the GWPLs will be needed in the future. Higher natural ground water concentrations in the vicinity of a well are likely to move downgradient into an area of one of the other monitoring wells. This natural change in water quality with time is likely to cause exceedance in the GWPL based on the definition of the individual well GWPL's. A secondary check against the maximum GWPL may be necessary to determine if the concentration exceeds the maximum observed values at this site. Therefore, adjustments in these ground-water protection levels in the future are needed to prevent exceedances due to the natural variability of the ground-water quality.

TABLE 6-1. PARAMETRIC STATISTICS FOR TOTAL DISSOLVED SOLIDS.
Ground Water Quality Standards = 500 mg/l

Compliance Well	Data Count	Mean (mg/l)	SD (mg/l)	1.1 x Mean (mg/l)	Mean + 2SD mg/l	0.1 x GWQS (mg/l)
RM1	23	226	61	249	***348***	50
RM2R	10	196	17	216	***230***	50
RM3	17	240	60	264	***361***	50
RM4R	10	174	15	191	***204***	50
RM10	11	247	58	272	***364***	50
RM11	11	106	56	116	***217***	50
RM12	10	249	39	274	***328***	50
RM13	11	175	13	193	***201***	50
RM14	11	197	14	217	***225***	50
RM15	10	190	9	***209***	208	50
RM16	11	178	29	196	***237***	50
RM17	11	175	12	193	***199***	50

GWQS ground water quality standard
mg/l milligrams per liter
SD Standard Deviation

TABLE 6-2. PARAMETRIC STATISTICS FOR SULFATE.
Ground Water Quality Standards = 500 mg/l

Compliance Well	Data Count	Mean (mg/l)	SD (mg/l)	1.1 x Mean (mg/l)	Mean + 2SD mg/l	0.1 x GWQS (mg/l)
RM1	26	24	17	26	***57***	50
RM2R	10	27	3	30	33	***50***
RM3	18	30	7	33	44	***50***
RM4R	10	28	2	31	32	***50***
RM10	12	41	13	45	***67***	50
RM11	11	30	9	33	47	***50***
RM12	11	50	12	55	***74***	50
RM13	11	19	5	21	28	***50***
RM14	11	29	1	31	31	***50***
RM15	12	23	1	25	25	***50***
RM16	11	33	19	36	***71***	50
RM17	11	18	2	20	21	***50***

GWQS ground water quality standard
mg/l milligrams per liter
SD Standard Deviation

TABLE 6-3. PARAMETRIC STATISTICS FOR CHLORIDE.

Ground Water Quality Standards = 250 mg/l

Compliance Well	Data Count	Mean (mg/l)	SD (mg/l)	1.1 x Mean (mg/l)	Mean + 2SD mg/l	0.1 x GWQS (mg/l)
RM1	47	7.0	2.5	7.7	12.1	***25***
RM2R	10	12.1	1.0	13.3	14.1	***25***
RM3	15	9.0	3.4	9.9	15.8	***25***
RM4R	10	5.0	0.7	5.6	6.5	***25***
RM10	12	14.0	2.2	15.4	18.4	***25***
RM11	11	9.1	4.6	10.0	18.3	***25***
RM12	11	18.6	4.9	20.5	***28.5***	25
RM13	11	6.9	0.8	7.6	8.6	***25***
RM14	11	8.2	1.1	8.0	10.4	***25***
RM15	12	7.6	1.5	8.4	10.6	***25***
RM16	11	7.9	3.5	8.7	15.0	***25***
RM17	11	7.2	0.5	8.0	8.3	***25***

GWQS ground water quality standard
mg/l milligrams per liter
SD Standard Deviation

TABLE 6-4. PARAMETRIC STATISTICS FOR NITRATE PLUS NITRITE AS NITROGEN.

Ground Water Quality Standards = 10 mg/l

Compliance Well	Data Count	Mean (mg/l)	SD (mg/l)	1.1 x Mean (mg/l)	Mean + 2SD mg/l	0.1 x GWQS (mg/l)
RM1	21	2.5	2.3	2.7	***7.0***	1.0
RM2R	10	1.3	0.2	1.4	***1.7***	1.0
RM3	17	2.3	2.3	2.5	***6.8***	1.0
RM4R	10	1.3	0.4	1.4	***2.1***	1.0
RM10	11	2.1	0.6	2.3	***3.3***	1.0
RM11	11	1.4	0.3	1.5	***1.9***	1.0
RM12	10	0.9	0.3	1.0	***1.6***	1.0
RM13	10	1.9	0.1	2.1	***2.1***	1.0
RM14	10	1.8	0.1	***2.0***	2.0	1.0
RM15	12	1.7	0.5	1.9	***2.7***	1.0
RM16	10	1.3	0.3	1.4	***1.8***	1.0
RM17	10	1.9	0.1	***2.1***	2.1	1.0

GWQS ground water quality standard
mg/l milligrams per liter
SD Standard Deviation

TABLE 6-5. PARAMETRIC STATISTICS FOR AMMONIA AS NITROGEN.
Ground Water Quality Standards = 30 mg/l

Compliance Well	Data Count	Mean (mg/l)	SD (mg/l)	1.1 x Mean (mg/l)	Mean + 2SD mg/l	0.1 x GWQS (mg/l)
RM1	12	0.07	0.14	0.08	0.35	***3.00***
RM2R	10	0.03	0.26	0.04	0.09	***3.00***
RM3	12	0.04	0.03	0.04	0.10	***3.00***
RM4R	10	0.03	0.02	0.04	0.07	***3.00***
RM10	12	0.12	0.10	0.13	0.31	***3.00***
RM11	11	0.11	0.20	0.12	0.50	***3.00***
RM12	10	0.19	0.35	0.21	0.90	***3.00***
RM13	10	0.03	0.01	0.03	0.06	***3.00***
RM14	10	0.03	0.02	0.03	0.07	***3.00***
RM15	12	0.03	0.02	0.03	0.06	***3.00***
RM16	10	0.05	0.05	0.06	0.15	***3.00***
RM17	10	0.03	0.01	0.03	0.06	***3.00***

GWQS ground water quality standard
mg/l milligrams per liter
SD Standard Deviation

TABLE 6-6. PARAMETRIC STATISTICS FOR URANIUM.
Ground Water Quality Standards = 0.44 mg/l (NRC Standard)

Compliance Well	Data Count	Mean (mg/l)	SD (mg/l)	1.1 x Mean (mg/l)	Mean + 2SD mg/l	0.1 x GWQS (mg/l)
RM1	29	0.0037	0.0023	0.0040	0.0083	***0.044***
RM2R	7	0.0050	0.0020	0.0055	0.0090	***0.044***
RM3	1	0.0124	---	0.0136	---	***0.044***
RM4R	---	---	---	---	---	***0.044***
RM10	---	---	---	---	---	***0.044***
RM11	1	0.0180	---	0.0198	---	***0.044***
RM12	1	0.0129	---	0.0142	---	***0.044***
RM13	---	---	---	---	---	***0.044***
RM14	---	---	---	---	---	***0.044***
RM15	2	0.0052	0.0001	0.0057	0.0053	***0.044***
RM16	---	---	---	---	---	***0.044***
RM17	---	---	---	---	---	***0.044***

GWQS ground water quality standard
mg/l milligrams per liter
SD Standard Deviation

TABLE 6-7. PARAMETRIC STATISTICS FOR FLUORIDE.
Ground Water Quality Standards = 4 mg/l

Compliance Well	Data Count	Mean (mg/l)	SD (mg/l)	1.1 x Mean (mg/l)	Mean + 2SD mg/l	0.1 x GWQS (mg/l)
RM1	15	0.26	0.052	0.28	0.36	***0.4***
RM2R	10	0.20	0.030	0.22	0.26	***0.4***
RM3	14	0.40	0.145	0.44	***0.69***	0.4
RM4R	10	0.19	0.013	0.21	0.21	***0.4***
RM10	12	0.19	0.013	0.21	0.21	***0.4***
RM11	11	0.29	0.040	0.32	0.37	***0.4***
RM12	11	0.22	0.037	0.24	0.30	***0.4***
RM13	11	0.25	0.029	0.28	0.31	***0.4***
RM14	11	0.23	0.011	0.22	0.23	***0.4***
RM15	12	0.20	0.011	0.23	0.23	***0.4***
RM16	11	0.27	0.027	0.30	0.33	***0.4***
RM17	11	0.22	0.012	0.24	0.24	***0.4***

GWQS ground water quality standard
mg/l milligrams per liter
SD Standard Deviation

TABLE 6-8. PARAMETRIC STATISTICS FOR ARSENIC.
Ground Water Quality Standards = 0.05 mg/l

Compliance Well	Data Count	Mean (mg/l)	SD (mg/l)	1.1 x Mean (mg/l)	Mean + 2SD mg/l	0.1 x GWQS (mg/l)
RM1	60	0.003	0.0023	0.003	***0.007***	0.005
RM2R	10	0.002	0.0002	0.002	0.002	***0.005***
RM3	18	0.016	0.0105	0.017	***0.037***	0.005
RM4R	10	0.008	0.0019	0.009	***0.012***	0.005
RM10	12	0.050	0.0185	0.055	***0.087***	0.005
RM11	11	0.006	0.0049	0.006	***0.015***	0.005
RM12	11	0.002	0.0004	0.002	0.002	***0.005***
RM13	10	0.002	0.0002	0.002	0.002	***0.005***
RM14	10	0.002	0.0002	0.002	0.002	***0.005***
RM15	12	0.002	0.0006	0.002	0.003	***0.005***
RM16	10	0.002	0.0002	0.002	0.002	***0.005***
RM17	10	0.001	0.0003	0.002	0.002	***0.005***

GWQS ground water quality standard
mg/l milligrams per liter
SD Standard Deviation

TABLE 6-9. PARAMETRIC STATISTICS FOR BARIUM.
Ground Water Quality Standards = 2 mg/l

Compliance Well	Data Count	Mean (mg/l)	SD (mg/l)	1.1 x Mean (mg/l)	Mean + 2SD mg/l	0.1 x GWQS (mg/l)
RM1	26	0.21	0.25	0.23	***0.71***	0.2
RM2R	10	0.11	0.03	0.12	0.18	***0.2***
RM3	18	0.11	0.10	0.12	***0.32***	0.2
RM4R	10	0.08	0.05	0.09	0.18	***0.2***
RM10	12	0.17	0.07	0.19	***0.32***	0.2
RM11	11	0.07	0.05	0.07	0.17	***0.2***
RM12	11	0.09	0.03	0.10	0.16	***0.2***
RM13	10	0.11	0.02	0.12	0.15	***0.2***
RM14	10	0.08	0.03	0.08	0.13	***0.2***
RM15	12	0.12	0.03	0.13	0.17	***0.2***
RM16	10	0.06	0.03	0.07	0.13	***0.2***
RM17	10	0.13	0.04	0.14	***0.21***	0.2

GWQS ground water quality standard
mg/l milligrams per liter
SD Standard Deviation

TABLE 6-10. PARAMETRIC STATISTICS FOR CADMIUM.
Ground Water Quality Standards = 0.005 mg/l

Compliance Well	Data Count	Mean (mg/l)	SD (mg/l)	1.1 x Mean (mg/l)	Mean + 2SD mg/l	@ 0.1 x GWQS (mg/l)
RM1	19	0.0038	0.0146	0.0042	***0.0330***	0.001
RM2R	10	0.0005	0	0.0006	0.0005	***0.001***
RM3	16	0.0005	0.0002	0.0006	0.0008	***0.001***
RM4R	10	0.0005	0	0.0006	0.0005	***0.001***
RM10	12	0.0006	0.0004	0.0007	***0.0015***	0.001
RM11	11	0.0005	0	0.0006	0.0005	***0.001***
RM12	11	0.0006	0.0004	0.0007	***0.0014***	0.001
RM13	10	0.0005	0	0.0006	0.0005	***0.001***
RM14	10	0.0018	0.0041	0.0020	***0.0101***	0.001
RM15	12	0.0005	0	0.0006	0.0005	***0.001***
RM16	10	0.0005	0	0.0006	0.0005	***0.001***
RM17	10	0.0008	0.0008	0.0008	***0.0023***	0.001

GWQS ground water quality standard
mg/l milligrams per liter
SD Standard Deviation
@ adjusted to lower limit of detection

TABLE 6-11. PARAMETRIC STATISTICS FOR CHROMIUM.
Ground Water Quality Standards = 0.10 mg/l

Compliance Well	Data Count	Mean (mg/l)	SD (mg/l)	1.1 x Mean (mg/l)	Mean + 2SD mg/l	0.1 x GWQS (mg/l)
RM1	19	0.4900	0.0041	0.005	***0.013***	0.01
RM2R	10	0.0050	0	0.005	0.005	***0.01***
RM3	18	0.0059	0.0074	0.006	***0.021***	0.01
RM4R	10	0.0050	0	0.005	0.005	***0.01***
RM10	12	0.0084	0.0133	0.009	***0.035***	0.01
RM11	11	0.0087	0.0058	0.010	***0.020***	0.01
RM12	11	0.0189	0.0475	0.020	***0.114***	0.01
RM13	10	0.0050	0	0.005	0.005	***0.01***
RM14	10	0.0050	0	0.005	0.005	***0.01***
RM15	12	0.4300	0.0018	0.005	0.008	***0.01***
RM16	10	0.0068	0.0057	0.007	***0.018***	0.01
RM17	10	0.0050	0	0.005	0.005	***0.01***

GWQS ground water quality standard
mg/l milligrams per liter
SD Standard Deviation

TABLE 6-12. PARAMETRIC STATISTICS FOR COPPER.
Ground Water Quality Standards = 1.30 mg/l

Compliance Well	Data Count	Mean (mg/l)	SD (mg/l)	1.1 x Mean (mg/l)	Mean + 2SD mg/l	0.1 x GWQS (mg/l)
RM1	19	0.0062	0.0040	0.0069	0.0143	***0.13***
RM2R	10	0.0050	0	0.0055	0.0050	***0.13***
RM3	18	0.0052	0.0065	0.0057	0.0182	***0.13***
RM4R	10	0.0050	0	0.0055	0.0050	***0.13***
RM10	12	0.0071	0.0047	0.0078	0.0165	***0.13***
RM11	11	0.0047	0.0009	0.0052	0.0065	***0.13***
RM12	11	0.0068	0.0066	0.0075	0.0199	***0.13***
RM13	10	0.0042	0	0.0046	0.0076	***0.13***
RM14	10	0.0050	0	0.0055	0.0050	***0.13***
RM15	12	0.0041	0.0017	0.0045	0.0074	***0.13***
RM16	10	0.0042	0.0017	0.0046	0.0076	***0.13***
RM17	10	0.0042	0	0.0046	0.0076	***0.13***

GWQS ground water quality standard
mg/l milligrams per liter
SD Standard Deviation

TABLE 6-13. PARAMETRIC STATISTICS FOR LEAD.
Ground Water Quality Standards = 0.015 mg/l

Compliance Well	Data Count	Mean (mg/l)	SD (mg/l)	1.1 x Mean (mg/l)	Mean + 2SD mg/l	@ 0.1 x GWQS (mg/l)
RM1	20	0.0064	0.0221	0.0070	***0.051***	0.002
RM2R	10	0.0011	0.0004	0.0012	0.002	***0.002***
RM3	18	0.0014	0.0014	0.0016	***0.004***	0.002
RM4R	10	0.0011	0.0004	0.0012	0.002	***0.002***
RM10	12	0.0014	0.0013	0.0016	***0.004***	0.002
RM11	11	0.0010	0.0002	0.0011	0.001	***0.002***
RM12	11	0.0009	0.0002	0.0010	0.001	***0.002***
RM13	10	0.0010	0.0002	0.0010	0.001	***0.002***
RM14	10	0.0010	0.0002	0.0010	0.001	***0.002***
RM15	12	0.0011	0.0006	0.0012	***0.002***	0.002
RM16	10	0.0010	0.0002	0.0010	0.001	***0.002***
RM17	10	0.0010	0.0002	0.0010	0.001	***0.002***

GWQS ground water quality standard
mg/l milligrams per liter
SD Standard Deviation
@ adjusted to lower limit of detection

TABLE 6-14. PARAMETRIC STATISTICS FOR MERCURY.
Ground Water Quality Standards = 0.002 mg/l

Compliance Well	Data Count	Mean (mg/l)	SD (mg/l)	1.1 x Mean (mg/l)	Mean + 2SD mg/l	@ 0.1 x GWQS (mg/l)
RM1	20	0.0062	0.0254	0.0068	***0.0569***	0.001
RM2R	10	0.0005	0	0.0006	0.0005	***0.001***
RM3	17	0.0005	0	0.0006	0.0005	***0.001***
RM4R	10	0.0005	0	0.0006	0.0005	***0.001***
RM10	12	0.0014	0.0010	0.0015	***0.0034***	0.001
RM11	11	0.0005	0	0.0006	0.0005	***0.001***
RM12	11	0.0005	0	0.0006	0.0005	***0.001***
RM13	10	0.0005	0	0.0006	0.0005	***0.001***
RM14	10	0.0005	0	0.0006	0.0005	***0.001***
RM15	12	0.0005	0	0.0006	0.0005	***0.001***
RM16	10	0.0005	0	0.0006	0.0005	***0.001***
RM17	10	0.0005	0	0.0006	0.0005	***0.001***

GWQS ground water quality standard
mg/l milligrams per liter
SD Standard Deviation
@ adjusted to lower limit of detection

TABLE 6-15. PARAMETRIC STATISTICS FOR MOLYBDENUM.

Ground Water Quality Standards = 0.10 mg/l

Compliance Well	Data Count	Mean (mg/l)	SD (mg/l)	1.1 x Mean (mg/l)	Mean + 2SD mg/l	0.1 x GWQS (mg/l)
RM1	18	0.0108	0.0181	0.012	***0.047***	0.01
RM2R	10	0.0028	0.0008	0.003	0.004	***0.01***
RM3	16	0.0030	0.0012	0.003	0.006	***0.01***
RM4R	10	0.0025	0	0.003	0.003	***0.01***
RM10	12	0.0092	0.0063	0.010	***0.022***	0.01
RM11	11	0.0034	0.0029	0.004	0.009	***0.01***
RM12	11	0.0034	0.0023	0.004	0.008	***0.01***
RM13	10	0.0025	0	0.003	0.003	***0.01***
RM14	10	0.0025	0	0.003	0.003	***0.01***
RM15	12	0.0023	0.0004	0.003	0.003	***0.01***
RM16	10	0.0035	0.0030	0.004	0.010	***0.01***
RM17	10	0.0025	0	0.003	0.003	***0.01***

GWQS ground water quality standard
mg/l milligrams per liter
SD Standard Deviation

TABLE 6-16. PARAMETRIC STATISTICS FOR SELENIUM.

Ground Water Quality Standards = 0.05 mg/l

Compliance Well	Data Count	Mean (mg/l)	SD (mg/l)	1.1 x Mean (mg/l)	Mean + 2SD mg/l	0.1 x GWQS (mg/l)
RM1	60	0.0033	0.0063	0.004	***0.016***	0.005
RM2R	10	0.0023	0.0006	0.002	0.004	***0.005***
RM3	16	0.0035	0.0030	0.004	***0.009***	0.005
RM4R	10	0.0023	0.0006	0.002	0.004	***0.005***
RM10	12	0.0025	0.0010	0.004	0.004	***0.005***
RM11	11	0.0023	0.0005	0.004	0.003	***0.005***
RM12	11	0.0025	0.0008	0.003	0.004	***0.005***
RM13	10	0.0023	0.0006	0.002	0.004	***0.005***
RM14	10	0.0023	0.0060	0.002	0.004	***0.005***
RM15	12	0.0023	0.0006	0.002	0.003	***0.005***
RM16	10	0.0023	0.0006	0.002	0.004	***0.005***
RM17	10	0.0023	0.0006	0.002	0.004	***0.005***

GWQS ground water quality standard
mg/l milligrams per liter
SD Standard Deviation

TABLE 6-17. PARAMETRIC STATISTICS FOR SILVER.
Ground Water Quality Standards = 0.10 mg/l

Compliance Well	Data Count	Mean (mg/l)	SD (mg/l)	1.1 x Mean (mg/l)	Mean + 2SD mg/l	0.1 x GWQS (mg/l)
RM1	16	0.0025	0.0015	0.0027	0.0055	***0.01***
RM2R	10	0.0028	0.0008	0.0030	0.0043	***0.01***
RM3	16	0.0025	0.0015	0.0027	0.0055	***0.01***
RM4R	10	0.0028	0.0008	0.0030	0.0043	***0.01***
RM10	12	0.0025	0.0010	0.0028	0.0045	***0.01***
RM11	11	0.0025	0.0010	0.0028	0.0046	***0.01***
RM12	11	0.0025	0.0010	0.0028	0.0046	***0.01***
RM13	10	0.0028	0.0008	0.0030	0.0043	***0.01***
RM14	10	0.0028	0.0008	0.0030	0.0043	***0.01***
RM15	12	0.0024	0.0011	0.0026	0.0046	***0.01***
RM16	10	0.0028	0.0008	0.0030	0.0043	***0.01***
RM17	10	0.0028	0.0008	0.0030	0.0043	***0.01***

GWQS ground water quality standard
mg/l milligrams per liter
SD Standard Deviation

TABLE 6-18. PARAMETRIC STATISTICS FOR ZINC.
Ground Water Quality Standards = 5 mg/l

Compliance Well	Data Count	Mean (mg/l)	SD (mg/l)	1.1 x Mean (mg/l)	Mean + 2SD mg/l	0.1 x GWQS (mg/l)
RM1	13	0.0034	0.0932	0.0368	0.2198	***0.5***
RM2R	10	0.0124	0.0140	0.0136	0.0404	***0.5***
RM3	12	0.0109	0.0149	0.0120	0.0406	***0.5***
RM4R	10	0.0090	0.0110	0.0099	0.0310	***0.5***
RM10	12	0.0151	0.0109	0.0166	0.0368	***0.5***
RM11	11	0.0680	0.0043	0.0075	0.0153	***0.5***
RM12	11	0.0262	0.0437	0.0288	0.1136	***0.5***
RM13	10	0.0155	0.0210	0.0171	0.0575	***0.5***
RM14	10	0.0089	0.0065	0.0098	0.0220	***0.5***
RM15	12	0.0423	0.0661	0.0465	0.1745	***0.5***
RM16	10	0.0082	0.0080	0.0090	0.0241	***0.5***
RM17	10	0.0070	0.0048	0.0077	0.0167	***0.5***

GWQS ground water quality standard
mg/l milligrams per liter
SD Standard Deviation

7.0 REFERENCES

Hydro-Engineering, LLC, 1998, Ground-Water Hydrology of Shootaring Canyon Tailings Site, Consulting Report for Plateau Resources, LTD.

Hydro-Engineering, LLC, 1999, Aquifer Properties of New Wells and Recommended Sampling Rates, Consulting Report for Plateau Resources, LTD.

Hydro-Engineering, LLC, 2000, Update of the Ground-Water Hydrology of Shootaring Canyon Tailings Site, Consulting Report for Plateau Resources, LTD.

Hydro-Engineering, LLC, 2001, Ground-Water Monitoring of Shootaring Canyon Tailings Site, 2000, Consulting Report for Plateau Resources, LTD.

Hydro-Engineering, LLC, 2002, Ground-Water Monitoring of Shootaring Canyon Tailings Site, 2001, Consulting Report for Plateau Resources, LTD.

Hydro-Engineering, LLC and Environmental Restoration Group, Inc., 2002, Tailings Reclamation and Decommissioning Plan for Shootaring Canyon Uranium Project, Consulting Report for Plateau Resources, LTD.