



Rio Algom

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Certified Mail-7001 2510 0008 1945 3565
Return Receipt Requested

July 19, 2002

Mr. Steve Ingle
WDEQ/LQD
Herschler Building
122 West 25th Street
Cheyenne, WY 82002

RE: 2nd Quarter 2002 MIT/Water Quality Report
Permit to Mine 633
NRC License SUA-1548, Docket 40-8964

Dear Mr. Ingle:

Please find attached the MIT/Water Quality Report for the 2nd Quarter of 2002. All results are within the acceptable ranges. During the quarter a total of one hundred forty-seven (147) wells passed a MIT. A total of two (2) wells failed MITs and were plugged and abandoned.

If you have questions regarding this submittal, please feel free to contact me at (307) 358-3744 ext. 62.

Sincerely,

John W. Cash
Manager EHS & Regulatory Affairs

Xc: Bill Ferdinand w/attachments
Paul Goranson w/attachments
Bruce Law w/o attachments
Dan Gillen w/attachments (U.S. NRC) **Certified Mail- 7001 2510 0008 1945 3558**
John Lusher w/attachments (U.S. NRC) **Certified Mail- 7001 2510 0008 1945 3541**
file

NMSSOI Public

Add: Dan Gillen

QUARTERLY MIT REPORT 4/1/02-6/30/02

WELL NUMBER	MIT DATE	PASS	FAIL	CERTIFICATION	COMMENTS
M-314A	4/12/02	X		<i>[Signature]</i>	
M-314	4/17/02		X	"	PLUGGED AND ABANDONED
2I-281	5/9/02	X		"	
2I-261	4/12/02	X		"	
2I-248	4/12/02	X		"	
2I-248	5/9/02	X		"	WORKOVER
2I-230	4/12/02	X		"	
3P-117	5/10/02	X		"	WORKOVER
3I-224	5/7/02	X		"	
3I-275	4/30/02	X		"	
3I-194	4/25/02	X		"	
3I-193	4/25/02	X		"	
3P-92	4/25/02	X		"	
3I-269	4/25/02	X		"	
3I-69	4/26/02	X		"	
3I-268	4/23/02	X		"	
3P-113	4/22/02	X		"	
3I-270	4/22/02	X		"	
3P-114	4/22/02	X		"	
3I-157	4/22/02	X		"	
3I-267	4/17/02	X		"	
3P-83	4/17/02	X		"	
3P-40	4/17/02	X		"	
3I-42	4/17/02	X		"	
3I-273	4/17/02	X		"	
3P-34	4/17/02	X		"	
3I-52	4/16/02	X		"	
3P-33	4/16/02	X		"	
3P-32	4/16/02	X		"	
3I-43	4/15/02	X		"	
3I-59	4/15/02	X		"	
3I-51	4/15/02	X		"	
3I-41	4/15/02	X		"	
3I-79	4/15/02	X		"	
3I-229	4/13/02	X		"	
3P-53	4/12/02	X		"	
3P-64	4/11/02	X		"	
3P-56	4/11/02	X		"	
3P-63	4/11/02	X		"	
3P-54	4/11/02	X		"	
3P-45	4/10/02	X		"	
3I-18	4/10/02	X		"	
3P-38	4/9/02	X		"	
3I-91	4/4/02	X		"	
3I-80	4/4/02	X		"	
3P-39	4/9/02	X		"	
3I-231	4/3/02	X		"	
3I-71	4/3/02	X		"	

QUARTERLY MIT REPORT 4/1/02-6/30/02

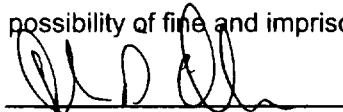
WELL NUMBER	MIT DATE	PASS	FAIL	CERTIFICATION	COMMENTS
3I-188	6/11/02		X	<i>[Signature]</i>	PLUGGED AND ABANDONED
3I-83	4/3/02	X		"	
3I-93	4/3/02	X		"	
3I-84	4/2/02	X		"	
3I-72	4/2/02	X		"	
3I-191	5/15/02	X		"	
3I-168	5/21/02	X		"	
3P-174	5/22/02	X		"	
3P-90	5/22/02	X		"	
3P-106	5/22/02	X		"	
3P-82	5/23/02	X		"	
3I-127	5/23/02	X		"	
3P-91A	5/23/02	X		"	
3I-147	5/28/02	X		"	
3I-136	5/29/02	X		"	
3I-128	5/29/02	X		"	
3I-167	5/29/02	X		"	
3P-97	5/30/02	X		"	
3I-137B	5/30/02	X		"	
3I-192	5/30/02	X		"	
3P-131	5/30/02	X		"	
3P-98	6/2/02	X		"	
3I-146	6/4/02	X		"	
3P-175	6/4/02	X		"	
3I-169	6/4/02	X		"	
3I-156	6/4/02	X		"	
32I-129	6/4/02	X		"	
3P-105	6/5/02	X		"	
3I-138	6/6/02	X		"	
3I-195	6/12/02	X		"	
3I-189	6/12/02	X		"	
3P-129	6/11/02	X		"	
3P-133	6/12/02	X		"	
3P-132R	6/11/02	X		"	
3P-173	6/8/02	X		"	
3P-176	6/8/02	X		"	
3I-183	6/14/02	X		"	
4P-46	6/13/02	X		"	
4P-44	6/13/02	X		"	
4P-42	6/14/02	X		"	
4I-122	6/14/02	X		"	
4P-69	6/19/02	X		"	
4I-125	6/19/02	X		"	
4I-102	6/19/02	X		"	
4I-106	6/19/02	X		"	
4I-83	6/21/02	X		"	
4I-105	6/21/02	X		"	
4I-107	6/21/02	X		"	

QUARTERLY MIT REPORT 4/1/02-6/30/02

WELL NUMBER	MIT DATE	PASS	FAIL	CERTIFICATION	COMMENTS
4I-112	6/24/02	X		<i>gt fill</i>	
4P-56	6/24/02	X		"	
4I-101A	6/25/02	X		"	
4I-95	6/25/02	X		"	
4I-78	6/30/02	X		"	
I-129	4/3/02	X		"	
I-3	4/3/02	X		"	
P-52	4/3/02	X		"	
P-2	4/5/02	X		"	
P6A	4/5/02	X		"	
I-11A	4/8/02	X		"	
I-6A	4/9/02	X		"	
I-5A	4/9/02	X		"	
I-102	4/10/02	X		"	
P-62	4/10/02	X		"	
P-34A	4/15/02	X		"	
P-5B	4/16/02	X		"	
P-48A	4/16/02	X		"	
P-51	4/16/02	X		"	
P-25	4/15/02	X		"	
I-92A	4/25/02	X		"	
I-93A	4/25/02	X		"	
I-109	4/29/02	X		"	
I-110	4/29/02	X		"	
P-50A	4/30/02	X		"	
P-53A	4/30/02	X		"	
P-59A	5/10/02	X		"	
P-58A	5/10/02	X		"	
P-64	5/10/02	X		"	
P-63	5/10/02	X		"	
P-65	5/28/02	X		"	
I-118	6/6/02	X		"	
P-56B	6/11/02	X		"	
I-94	6/7/02	X		"	
I-95A	6/17/02	X		"	
I-99A	6/17/02	X		"	
P-73	6/24/02	X		"	
P-72	6/24/02	X		"	
P-74	6/25/02	X		"	
P-75	6/25/02	X		"	
I-124	6/26/02	X		"	
I-113	6/26/02	X		"	
I-137	6/26/02	X		"	
I-139	6/27/02	X		"	
I-140	6/28/02	X		"	
I-126	6/28/02	X		"	
I-127	6/28/02	X		"	
I-101A	6/18/02	X		"	
I-200	6/19/02	X		"	
P-68	6/20/02	X		"	
P-66	6/20/02	X		"	
I-119	6/21/02	X		"	
P-69	6/21/02	X		"	

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signed:



Manager of Drilling

Date:

7/15/02

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M1

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5196.00	7.35	528	3.9	193
4/16/02	5212.00	7.34	529	3.5	193
5/1/02	5200.00	7.51	530	3.7	192
5/14/02	5201.00	7.66	585	3.7	192
6/3/02	5211.43	7.68	576	4.0	190
6/13/02	5211.56	7.61	585	3.6	192

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M2

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5198.00	7.37	527	4.0	193
4/16/02	5213.00	7.35	519	4.1	194
5/1/02	5201.00	7.49	511	4.1	193
5/14/02	5203.00	7.40	527	4.4	191
6/3/02	5212.30	7.58	567	4.5	191
6/13/02	5212.65	7.61	574	4.1	193

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M3

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5199.00	7.47	537	4.5	196
4/16/02	5213.00	7.32	526	4.3	196
5/1/02	5201.00	7.59	521	4.5	194
5/14/02	5203.00	7.51	539	4.8	192
6/3/02	5211.86	7.60	576	4.8	192
6/13/02	5212.51	7.59	582	4.6	196

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M4

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5200.00	7.46	541	4.4	195
4/16/02	5212.00	7.41	549	4.4	191
5/1/02	5201.00	7.54	532	4.6	194
5/14/02	5204.00	7.45	535	4.5	191
6/3/02	5210.83	7.58	528	4.7	192
6/13/02	5212.24	7.58	585	4.5	194

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M5

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5200.00	7.40	560	5.8	206
4/16/02	5210.00	7.39	580	5.7	202
5/1/02	5201.00	7.51	547	6.0	205
5/14/02	5203.00	7.40	562	6.2	203
6/3/02	5208.68	7.57	602	6.2	204
6/13/02	5210.96	7.57	610	6.4	207

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M6A

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5205.00	7.38	526	4.0	189
4/16/02	5208.00	7.42	549	3.7	185
5/1/02	5207.00	7.50	520	4.0	188
5/14/02	5207.00	7.46	528	4.0	186
6/3/02	5207.17	7.55	570	4.5	188
6/13/02	5210.72	7.60	576	4.5	189

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M7

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5202.00	7.40	512	3.5	181
4/16/02	5205.00	7.45	525	3.5	177
5/1/02	5203.00	7.59	501	3.5	180
5/14/02	5204.00	7.66	560	3.7	177
6/3/02	5204.08	7.64	550	3.8	178
6/13/02	5207.52	7.62	558	3.9	181

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M8

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5202.00	7.38	485	4.0	167
4/16/02	5205.00	7.50	490	4.0	164
5/1/02	5204.00	7.64	482	4.1	167
5/14/02	5205.00	7.58	494	4.0	166
6/3/02	5204.25	7.59	524	4.7	166
6/13/02	5207.78	7.66	534	4.0	169

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M9

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5202.00	7.41	476	3.5	174
4/16/02	5205.00	7.48	484	3.5	170
5/1/02	5204.00	7.63	474	3.7	173
5/14/02	5205.00	7.59	489	3.4	171
6/3/02	5203.81	7.60	518	3.7	172
6/13/02	5207.61	7.63	524	3.9	173

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M10

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5203.00	7.37	479	3.3	172
4/16/02	5206.00	7.50	484	3.5	169
5/1/02	5205.00	7.55	474	3.3	172
5/14/02	5206.00	7.68	525	3.8	172
6/3/02	5204.29	7.65	518	4.0	170
6/13/02	5208.56	7.65	524	3.9	172

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M11

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5204.00	7.39	478	4.0	173
4/16/02	5207.00	7.51	481	4.0	170
5/1/02	5205.00	7.64	474	4.2	172
5/14/02	5206.00	7.53	495	4.0	171
6/3/02	5204.42	7.64	516	4.1	172
6/13/02	5208.89	7.66	524	4.4	173

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M12

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5221.00	7.54	522	3.9	172
4/16/02	5208.00	7.39	479	3.3	172
5/1/02	5208.00	7.55	494	3.5	171
5/14/02	5209.00	7.44	501	3.9	170
6/3/02	5207.30	7.63	521	3.9	170
6/13/02	5211.82	7.62	528	3.9	171

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M13

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5228.00	7.48	528	3.3	170
4/16/02	5208.00	7.42	487	3.3	170
5/1/02	5206.00	7.57	502	3.2	167
5/14/02	5208.00	7.42	504	3.4	169
6/3/02	5207.14	7.62	538	3.8	167
6/13/02	5211.28	7.60	543	3.4	169

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M14

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5215.00	7.56	546	3.3	173
4/16/02	5210.00	7.40	494	3.2	173
5/1/02	5203.00	7.57	514	3.4	170
5/14/02	5206.00	7.37	506	3.6	172
6/3/02	5208.40	7.63	542	3.5	170
6/13/02	5211.78	7.47	548	3.8	172

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M15

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5201.00	7.48	526	3.6	177
4/16/02	5211.00	7.40	492	3.6	177
5/1/02	5201.00	7.53	506	3.6	174
5/14/02	5205.00	7.31	508	4.2	176
6/3/02	5208.86	7.65	543	3.8	174
6/13/02	5211.81	7.61	550	4.0	177

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M16

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5203.00	7.48	530	3.8	183
4/16/02	5214.00	7.40	503	4.1	185
5/1/02	5201.00	7.59	509	3.8	184
5/14/02	5206.00	7.65	562	4.2	184
6/3/02	5211.47	7.65	555	4.1	183
6/13/02	5214.00	7.58	564	4.1	184

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M17

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5202.00	7.46	528	3.9	185
4/16/02	5213.00	7.37	506	4.0	186
5/1/02	5198.00	7.61	513	4.2	185
5/14/02	5204.00	7.30	518	4.6	184
6/3/02	5210.70	7.71	556	4.4	182
6/13/02	5212.44	7.56	568	4.4	186

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M18

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5204.00	7.39	569	4.8	201
4/16/02	5213.00	7.30	544	4.7	202
5/1/02	5214.00	7.53	552	4.9	200
5/14/02	5217.00	7.22	556	4.9	200
6/3/02	5211.53	7.63	604	4.9	199
6/13/02	5211.92	7.51	606	4.9	198

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M19

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5210.00	7.39	569	4.6	202
4/16/02	5217.00	7.27	549	4.5	203
5/1/02	5210.00	7.47	555	4.6	201
5/14/02	5212.00	7.20	556	5.2	201
6/3/02	5211.07	7.56	606	4.8	199
6/13/02	5211.72	7.54	614	5.1	202

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M20

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5211.00	7.37	563	4.8	200
4/16/02	5218.00	7.30	542	4.9	202
5/1/02	5211.00	7.51	548	4.8	200
5/14/02	5213.00	7.42	564	5.1	198
6/3/02	5217.94	7.67	598	5.1	198
6/13/02	5217.74	7.53	606	5.2	201

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M21

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5211.00	7.26	544	4.7	197
4/16/02	5218.00	7.25	531	4.7	198
5/1/02	5211.00	7.49	533	4.7	196
5/14/02	5213.00	7.62	549	4.7	194
6/3/02	5218.74	7.57	587	5.2	195
6/13/02	5218.89	7.53	592	5.2	196

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M22

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5206.00	7.39	552	4.7	201
4/16/02	5218.00	7.30	539	4.5	201
5/1/02	5212.00	7.47	546	4.6	199
5/14/02	5210.00	7.31	563	4.9	197
6/3/02	5217.82	7.53	597	4.9	197
6/13/02	5218.47	7.60	602	5.0	199

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M23

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5198.00	7.68	593	3.0	188
4/16/02	5216.00	7.62	589	3.2	187
5/1/02	5201.00	7.59	530	3.2	187
5/14/02	5204.00	7.44	603	4.0	185
6/3/02	5212.60	7.67	588	3.2	186
6/13/02	5215.26	7.77	587	3.4	187

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M24

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5197.00	7.41	534	3.6	188
4/16/02	5215.00	7.37	528	3.8	190
5/1/02	5201.00	7.57	529	3.5	188
5/14/02	5203.00	7.40	539	3.4	185
6/3/02	5213.94	7.64	578	4.0	186
6/13/02	5218.31	7.66	585	4.1	188

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - M25

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5198.00	7.41	533	3.7	193
4/16/02	5216.00	7.28	526	3.7	194
5/1/02	5201.00	7.59	526	3.6	192
5/14/02	5203.00	7.42	539	4.1	190
6/3/02	5213.87	7.62	575	4.3	190
6/13/02	5214.41	7.62	584	4.3	193

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MT1

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5210.00	7.52	555	4.8	201
4/16/02	5218.00	7.27	547	5.3	202
5/1/02	5210.00	7.50	555	5.1	201
5/14/02	5212.00	7.23	561	5.4	200
6/3/02	5217.38	7.60	609	6.0	198
6/13/02	5217.12	7.57	614	5.5	202

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MT2A

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=692	UCL=19	UCL=236
4/2/02	5202.00	7.43	547	4.0	180
4/16/02	5212.00	7.34	504	3.9	182
5/1/02	5201.00	7.53	517	3.9	179
5/14/02	5205.00	7.35	518	4.6	180
6/3/02	5209.62	7.60	555	4.6	178
6/13/02	5212.12	7.56	561	4.3	181

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD1

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1259	UCL=17	UCL=239
4/2/02	5211.10	7.09	803	2.1	188
4/16/02	5212.00	7.08	802	2.2	186
5/1/02	5212.36	7.42	815	2.2	187
5/14/02	5212.64	7.31	785	2.1	186
6/3/02	5212.08	7.45	892	2.7	186
6/13/02	5211.02	7.42	902	2.4	188

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD2

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1259	UCL=17	UCL=239
4/2/02	5211.20	7.21	725	2.5	181
4/16/02	5212.10	7.24	717	2.4	178
5/1/02	5212.62	7.37	675	2.3	179
5/14/02	5212.83	7.46	798	2.2	177
6/3/02	5212.24	7.44	786	2.7	179
6/13/02	5211.06	7.44	792	2.1	179

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD3A

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1259	UCL=17	UCL=239
4/2/02	5212.35	7.18	683	3.0	183
4/16/02	5212.96	7.15	683	2.8	181
5/1/02	5213.28	7.43	666	2.7	182
5/14/02	5211.21	7.48	678	2.9	180
6/3/02	5212.97	7.42	754	3.2	181
6/13/02	5211.78	7.48	760	2.7	183

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD4

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1259	UCL=17	UCL=239
4/2/02	5210.61	7.17	681	2.6	181
4/16/02	5211.21	7.15	667	2.2	179
5/1/02	5212.21	7.45	673	2.7	180
5/14/02	5212.84	7.39	675	2.7	178
6/3/02	5212.65	7.44	740	2.8	179
6/13/02	5211.56	7.47	755	2.6	180

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD5

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1259	UCL=17	UCL=239
4/2/02	5211.22	7.13	739	2.5	178
4/16/02	5212.02	7.23	734	1.8	175
5/1/02	5207.48	7.46	716	2.2	177
5/14/02	5212.65	7.40	721	1.8	176
6/3/02	5212.02	7.39	809	2.4	177
6/13/02	5210.83	7.42	815	2.2	178

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD6

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1259	UCL=17	UCL=239
4/2/02	5210.37	7.11	830	2.6	187
4/16/02	5211.94	7.18	824	2.1	183
5/1/02	5210.86	7.33	804	2.5	186
5/14/02	5211.47	7.31	807	2.2	184
6/3/02	5210.66	7.31	899	2.4	185
6/13/02	5209.18	7.41	911	2.2	186

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD7

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1259	UCL=17	UCL=239
4/2/02	5208.92	7.30	771	2.2	185
4/16/02	5211.76	7.19	795	1.9	182
5/1/02	5211.28	7.36	773	2.5	184
5/14/02	5211.47	7.44	803	2.2	182
6/3/02	5210.60	7.39	872	2.4	183
6/13/02	5209.14	7.38	881	2.3	184

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD8A

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1259	UCL=17	UCL=239
4/2/02	5210.49	7.21	592	2.6	194
4/16/02	5212.18	7.30	559	2.7	193
5/1/02	5211.50	7.42	517	3.2	195
5/14/02	5211.71	7.38	588	2.8	192
6/3/02	5210.64	7.45	645	3.1	194
6/13/02	5208.87	7.49	658	2.9	195

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD9

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1259	UCL=17	UCL=239
4/2/02	5210.44	7.25	646	2.4	188
4/16/02	5212.05	7.23	653	2.3	186
5/1/02	5211.34	7.49	637	2.6	188
5/14/02	5211.57	7.37	643	3.0	186
6/3/02	5210.74	7.43	719	2.6	187
6/13/02	5208.93	7.44	721	2.7	187

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD10

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1259	UCL=17	UCL=239
4/2/02	5210.47	7.26	549	2.8	203
4/16/02	5212.14	7.29	547	2.9	201
5/1/02	5211.48	7.55	543	3.3	203
5/14/02	5211.58	7.47	599	2.9	200
6/3/02	5210.68	7.45	590	3.5	202
6/13/02	5209.07	7.46	601	3.3	202

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MD11

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1259	UCL=17	UCL=239
4/2/02	5210.63	7.13	773	2.2	182
4/16/02	5211.38	7.22	600	1.8	180
5/1/02	5211.58	7.35	733	2.4	181
5/14/02	5211.75	7.48	846	2.2	178
6/3/02	5211.88	7.43	835	2.7	181
6/13/02	5209.58	7.44	840	2.1	182

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS1

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=765	UCL=20	UCL=247
4/2/02	5277.42	7.18	581	6.0	199
4/16/02	5276.92	7.25	589	5.8	196
5/1/02	5276.77	7.47	576	6.1	197
5/14/02	5277.26	7.39	569	6.0	195
6/3/02	5277.22	7.39	632	6.4	197
6/13/02	5276.41	7.47	636	6.3	198

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS2

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=765	UCL=20	UCL=247
4/2/02	5276.90	7.24	598	10.7	195
4/16/02	5276.48	7.29	594	10.1	192
5/1/02	5276.59	7.48	575	10.1	195
5/14/02	5277.08	7.51	655	10.1	192
6/3/02	5277.10	7.48	645	10.0	194
6/13/02	5276.18	7.49	654	10.1	196

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS3

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=765	UCL=20	UCL=247
4/2/02	5275.64	7.14	607	7.0	210
4/16/02	5275.15	7.16	601	6.9	208
5/1/02	5275.24	7.48	598	6.8	209
5/14/02	5278.07	7.40	598	6.8	206
6/3/02	5275.74	7.39	674	6.9	208
6/13/02	5274.78	7.41	677	7.0	208

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS4

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=765	UCL=20	UCL=247
4/2/02	5275.38	7.16	597	6.7	208
4/16/02	5275.03	7.13	598	6.9	206
5/1/02	5275.58	7.86	610	6.9	208
5/14/02	5276.03	7.38	591	7.2	205
6/3/02	5275.99	7.44	663	7.1	206
6/13/02	5276.71	7.47	669	7.0	208

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS5

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=765	UCL=20	UCL=247
4/2/02	5277.79	7.20	604	6.3	203
4/16/02	5276.49	7.23	602	6.5	200
5/1/02	5276.58	7.41	585	6.4	202
5/14/02	5276.95	7.38	593	6.8	199
6/3/02	5277.02	7.41	648	6.7	200
6/13/02	5276.16	7.48	663	6.9	202

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS6

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=765	UCL=20	UCL=247
4/2/02	5275.92	7.17	598	6.1	204
4/16/02	5276.59	7.25	599	6.0	200
5/1/02	5275.52	7.42	477	6.1	202
5/14/02	5275.77	7.39	584	6.3	200
6/3/02	5275.72	7.39	648	6.4	200
6/13/02	5275.05	7.47	653	6.5	202

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS7

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=765	UCL=20	UCL=247
4/2/02	5277.61	7.23	550	5.8	175
4/16/02	5278.34	7.31	517	5.4	172
5/1/02	5277.36	7.49	533	5.2	174
5/14/02	5277.45	7.56	570	5.5	172
6/3/02	5277.31	7.43	595	6.2	173
6/13/02	5276.81	7.50	602	5.6	174

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS8

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=765	UCL=20	UCL=247
4/2/02	5275.74	7.34	529	5.7	182
4/16/02	5276.40	7.35	532	5.7	179
5/1/02	5275.38	7.56	519	5.3	181
5/14/02	5275.40	7.44	532	5.7	180
6/3/02	5275.35	7.66	575	5.9	180
6/13/02	5275.10	7.65	581	6.2	181

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS9

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=765	UCL=20	UCL=247
4/2/02	5275.48	7.20	575	5.5	193
4/16/02	5276.35	7.33	536	5.7	190
5/1/02	5275.32	7.46	566	6.1	193
5/14/02	5275.28	7.46	580	5.9	191
6/3/02	5275.24	7.45	627	5.7	192
6/13/02	5274.97	7.46	635	6.1	193

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS10

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=765	UCL=20	UCL=247
4/2/02	5275.81	7.28	548	5.1	184
4/16/02	5276.28	7.33	514	5.1	182
5/1/02	5275.19	7.49	530	5.1	184
5/14/02	5275.66	7.52	595	5.1	181
6/3/02	5275.58	7.46	587	5.2	183
6/13/02	5275.12	7.52	596	5.4	184

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #1

Monitor Well - MS11

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=765	UCL=20	UCL=247
4/2/02	5276.42	7.19	590	6.6	199
4/16/02	5276.22	7.25	585	6.2	197
5/1/02	5275.98	7.40	576	5.7	198
5/14/02	5276.25	7.45	646	6.7	195
6/3/02	5276.12	7.45	637	6.6	198
6/13/02	5275.51	7.50	647	6.4	199

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M301

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
4/4/02	5219.40	7.60	848	2.1	197
4/19/02	5219.00	7.42	826	2.4	198
5/3/02	5221.00	7.14	822	2.6	197
5/17/02	5220.60	7.52	912	2.0	198
6/4/02	5220.00	7.42	902	1.9	197
6/14/02	5215.70	7.54	911	2.1	197

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M302

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
4/4/02	5219.50	7.49	701	2.5	160
4/19/02	5218.90	7.39	691	2.6	161
5/3/02	5221.80	7.20	687	2.7	161
5/17/02	5219.90	7.34	590	2.1	160
6/4/02	5219.80	7.54	746	2.3	160
6/14/02	5221.00	7.51	750	2.3	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M303

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
4/4/02	5220.70	7.44	732	2.2	164
4/19/02	5220.00	7.42	727	2.0	165
5/3/02	5223.20	7.19	720	2.3	164
5/17/02	5220.50	7.32	724	2.2	164
6/4/02	5221.10	7.52	791	2.3	165
6/14/02	5221.30	7.53	793	2.1	164

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M304

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
4/4/02	5220.30	7.36	855	1.9	197
4/19/02	5219.90	7.34	854	2.2	198
5/3/02	5222.40	7.13	850	2.4	198
5/17/02	5219.70	7.24	847	2.0	197
6/4/02	5219.40	7.44	937	2.6	197
6/14/02	5220.20	7.44	940	2.3	197

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M305

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
4/4/02	5219.50	7.34	855	2.1	193
4/19/02	5219.40	7.29	852	2.5	194
5/3/02	5220.50	7.13	835	2.8	194
5/17/02	5219.10	7.19	845	2.0	193
6/4/02	5219.30	7.45	928	2.1	193
6/14/02	5220.80	7.47	930	2.1	192

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M306

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
4/4/02	5219.10	7.33	840	2.1	195
4/19/02	5219.00	7.27	835	2.3	196
5/3/02	5219.80	7.10	826	2.4	196
5/17/02	5218.90	7.17	833	2.1	194
6/4/02	5219.10	7.45	915	2.5	196
6/14/02	5219.90	7.47	919	2.4	194

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M307

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
4/4/02	5219.20	7.33	806	2.1	185
4/19/02	5219.00	7.25	800	2.2	185
5/3/02	5220.40	7.12	794	2.5	185
5/17/02	5219.10	7.16	800	2.2	185
6/4/02	5218.60	7.46	874	2.1	185
6/14/02	5220.60	7.50	871	2.1	183

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M308

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
4/4/02	5219.30	7.47	700	2.1	161
4/19/02	5219.00	7.34	728	2.1	163
5/3/02	5220.50	7.24	693	2.5	162
5/17/02	5219.60	7.23	681	2.0	162
6/4/02	5219.60	7.54	766	2.5	162
6/14/02	5220.40	7.60	766	2.5	162

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M309

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
4/4/02	5218.70	7.41	675	1.9	160
4/19/02	5218.50	7.30	683	2.3	161
5/3/02	5220.00	7.17	667	2.1	161
5/17/02	5219.00	7.38	655	2.1	161
6/4/02	5219.20	7.57	738	2.0	161
6/14/02	5219.60	7.65	739	1.8	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M310

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
4/4/02	5220.30	7.39	750	1.8	168
4/19/02	5220.20	7.27	760	2.1	169
5/3/02	5220.90	7.20	736	2.2	168
5/17/02	5220.60	7.22	749	2.1	168
6/4/02	5220.00	7.53	823	2.3	168
6/14/02	5220.80	7.60	827	2.1	168

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M311

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
4/4/02	5218.60	7.39	797	1.9	172
4/19/02	5219.60	7.30	806	2.1	173
5/3/02	5219.90	7.18	790	2.4	172
5/17/02	5219.90	7.15	869	2.0	172
6/4/02	5220.40	7.51	871	2.1	172
6/14/02	5219.30	7.55	875	2.0	173

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M312

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
4/4/02	5218.20	7.40	761	1.8	166
4/19/02	5219.10	7.93	732	1.8	166
5/3/02	5219.40	7.23	750	2.4	165
5/17/02	5219.50	7.23	750	2.0	165
6/4/02	5218.70	7.54	829	2.0	165
6/14/02	5218.10	7.55	832	2.1	165

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M313

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
4/4/02	5218.20	7.40	766	1.9	168
4/19/02	5218.70	7.32	803	2.0	168
5/3/02	5219.10	7.21	751	2.2	168
5/17/02	5218.80	7.34	696	1.8	168
6/4/02	5218.50	7.54	836	2.1	168
6/14/02	5218.10	7.77	741	2.2	167

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M314

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
4/4/02	5222.80	7.34	776	3.3	168
4/19/02	5221.10	7.63	773	3.3	169
5/3/02	5219.68	7.38	765	2.2	172
5/17/02	5221.46	7.57	844	2.5	171
6/4/02	5221.40	7.54	847	2.1	172
6/14/02	5221.80	7.70	859	2.4	172

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M315

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
4/4/02	5219.90	7.39	753	2.1	167
4/19/02	5220.20	7.43	794	1.9	168
5/3/02	5220.30	7.24	731	2.7	167
5/17/02	5220.40	7.57	828	2.5	167
6/4/02	5219.20	7.47	820	2.1	167
6/14/02	5219.50	7.56	816	2.4	167

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M316

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
4/4/02	5219.70	7.40	741	2.0	162
4/19/02	5219.90	7.31	745	2.1	162
5/3/02	5219.90	7.21	728	2.2	162
5/17/02	5220.40	7.25	730	1.9	161
6/4/02	5219.20	7.57	810	2.0	162
6/14/02	5219.90	7.60	814	2.3	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M317

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
4/4/02	5220.00	7.37	827	1.7	183
4/19/02	5219.90	7.26	831	1.8	183
5/3/02	5220.20	7.16	817	2.2	182
5/17/02	5220.60	7.21	812	1.7	180
6/4/02	5219.50	7.49	897	2.2	179
6/14/02	5219.00	7.51	913	2.3	180

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M318

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
4/4/02	5220.70	7.36	858	2.2	186
4/19/02	5221.10	7.27	851	2.5	185
5/3/02	5221.30	7.16	822	3.2	178
5/17/02	5231.10	7.18	808	2.7	176
6/4/02	5229.50	7.48	898	2.6	175
6/14/02	5228.90	7.51	920	2.7	178

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M319

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
4/4/02	5220.70	7.37	755	2.0	163
4/19/02	5221.50	7.29	758	2.1	164
5/3/02	5221.50	7.21	751	2.7	163
5/17/02	5223.40	7.21	751	1.9	163
6/4/02	5222.10	7.54	835	2.3	163
6/14/02	5218.80	7.54	841	2.1	163

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - M320

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1131	UCL=18	UCL=222
4/4/02	5220.10	7.33	752	2.1	169
4/19/02	5221.00	7.44	746	1.9	170
5/3/02	5220.80	7.22	745	2.6	170
5/17/02	5223.80	7.24	744	2.2	169
6/4/02	5223.40	7.53	823	1.9	169
6/14/02	5220.70	7.58	828	2.5	169

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MD301

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=496	UCL=18	UCL=171
4/4/02	5213.10	7.72	405	2.6	159
4/19/02	5212.20	7.60	401	2.7	158
5/3/02	5212.60	7.78	424	3.2	159
5/17/02	5212.40	7.54	397	2.7	158
6/4/02	5218.20	7.76	420	3.2	158
6/14/02	5217.20	7.72	421	2.9	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MD302

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=496	UCL=18	UCL=171
4/4/02	5213.40	7.85	413	2.8	159
4/19/02	5212.40	7.56	401	2.9	158
5/3/02	5213.60	7.80	428	3.4	158
5/17/02	5214.20	7.55	401	2.9	158
6/4/02	5218.20	7.75	425	3.1	157
6/14/02	5219.20	7.75	427	2.9	157

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MD303

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=496	UCL=18	UCL=171
4/4/02	5211.60	7.76	413	2.7	159
4/19/02	5210.90	7.61	405	2.8	159
5/3/02	5214.80	7.78	429	3.3	158
5/17/02	5215.10	7.78	408	3.0	158
6/4/02	5216.70	7.72	423	2.8	159
6/14/02	5215.50	7.91	426	3.3	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MD304

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=496	UCL=18	UCL=171
4/4/02	5208.50	7.72	414	3.0	159
4/19/02	5207.90	7.57	407	3.0	159
5/3/02	5208.20	7.77	433	3.4	160
5/17/02	5211.70	7.47	408	3.1	159
6/4/02	5213.10	7.78	428	3.3	159
6/14/02	5213.30	7.74	428	3.1	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MD305

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=496	UCL=18	UCL=171
4/4/02	5210.40	7.78	414	3.1	159
4/19/02	5210.90	7.56	402	2.8	159
5/3/02	5213.40	7.76	433	3.3	159
5/17/02	5214.20	7.81	429	3.2	159
6/4/02	5216.10	7.77	427	3.0	158
6/14/02	5215.70	7.82	429	3.0	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MD306

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=496	UCL=18	UCL=171
4/4/02	5205.30	7.62	412	2.8	159
4/19/02	5206.00	7.48	402	3.0	159
5/3/02	5207.70	7.83	434	3.6	158
5/17/02	5208.80	7.71	409	2.9	158
6/4/02	5210.60	7.66	429	2.9	158
6/14/02	5209.60	7.76	436	3.4	157

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MD309

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=496	UCL=18	UCL=171
4/4/02	5204.50	7.67	411	2.7	159
4/19/02	5204.90	7.58	404	2.9	159
5/3/02	5207.10	7.76	435	3.2	159
5/17/02	5208.00	7.34	401	3.0	158
6/4/02	5210.30	7.65	429	3.0	159
6/14/02	5209.60	7.68	430	3.0	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MD310

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=496	UCL=18	UCL=171
4/4/02	5203.60	7.65	415	2.7	159
4/19/02	5204.30	7.52	410	3.0	159
5/3/02	5205.60	7.75	436	3.3	159
5/17/02	5206.50	7.75	435	2.8	159
6/4/02	5208.90	7.63	430	3.1	159
6/14/02	5208.60	7.72	434	3.3	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MD311

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=496	UCL=18	UCL=171
4/4/02	5203.00	7.50	417	2.8	160
4/19/02	5203.70	7.36	419	2.7	159
5/3/02	5204.80	7.75	440	3.4	160
5/17/02	5205.60	7.57	414	3.2	159
6/4/02	5208.30	7.68	434	2.7	159
6/14/02	5208.00	7.66	446	3.2	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - OMM1

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=496	UCL=18	UCL=171
4/4/02	5205.10	7.62	411	2.7	159
4/19/02	5205.60	7.50	410	3.2	159
5/3/02	5207.20	7.80	435	3.6	159
5/17/02	5208.30	7.80	433	3.1	160
6/4/02	5210.40	7.68	432	3.1	159
6/14/02	5210.80	7.66	434	2.8	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS301

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1321	UCL=22	UCL=353
4/4/02	5231.20	7.45	680	7.7	220
4/19/02	5231.10	7.58	672	7.5	221
5/3/02	5231.40	7.47	746	8.1	221
5/17/02	5232.20	7.48	741	7.6	221
6/4/02	5231.70	7.46	737	8.0	220
6/14/02	5232.40	7.63	738	7.7	222

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS302

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1321	UCL=22	UCL=353
4/4/02	5230.90	7.57	650	6.3	219
4/19/02	5230.80	7.46	639	6.7	219
5/3/02	5232.40	7.54	719	7.1	219
5/17/02	5231.90	7.66	649	6.6	219
6/4/02	5231.30	7.53	709	6.8	219
6/14/02	5232.30	7.55	713	6.3	219

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS303

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1321	UCL=22	UCL=353
4/4/02	5232.10	7.52	563	6.1	185
4/19/02	5231.90	7.37	552	6.5	185
5/3/02	5233.30	7.60	610	6.8	185
5/17/02	5232.50	7.64	574	6.3	183
6/4/02	5232.40	7.57	601	6.2	186
6/14/02	5233.20	7.66	603	6.4	184

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS304

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1321	UCL=22	UCL=353
4/4/02	5307.50	7.41	756	7.0	236
4/19/02	5307.60	7.23	738	7.3	236
5/3/02	5308.00	7.35	828	7.6	236
5/17/02	5307.50	7.39	820	7.2	236
6/4/02	5307.60	7.41	814	7.3	236
6/14/02	5307.50	7.45	822	7.1	236

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS305

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1321	UCL=22	UCL=353
4/4/02	5311.90	7.46	749	7.2	239
4/19/02	5312.70	7.24	742	7.2	238
5/3/02	5312.50	7.37	823	8.1	238
5/17/02	5312.30	7.42	817	7.4	239
6/4/02	5311.90	7.33	815	7.4	239
6/14/02	5312.50	7.38	816	7.3	239

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS306

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1321	UCL=22	UCL=353
4/4/02	5310.70	7.41	779	7.1	226
4/19/02	5311.50	7.49	724	7.5	225
5/3/02	5311.30	7.42	806	7.9	226
5/17/02	5311.00	7.60	717	7.4	224
6/4/02	5310.80	7.43	800	7.2	225
6/14/02	5310.10	7.42	805	7.7	226

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS307

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1321	UCL=22	UCL=353
4/4/02	5225.40	7.48	577	7.0	180
4/19/02	5226.20	7.32	542	7.1	179
5/3/02	5225.80	7.81	582	7.6	180
5/17/02	5225.90	7.77	580	6.8	179
6/4/02	5224.90	7.68	579	7.7	180
6/14/02	5225.60	7.66	583	7.6	179

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS309

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1321	UCL=22	UCL=353
4/4/02	5315.60	7.31	829	7.8	231
4/19/02	5316.40	7.28	757	7.5	231
5/3/02	5316.30	7.37	843	7.7	231
5/17/02	5315.90	7.07	771	7.9	231
6/4/02	5315.90	7.24	818	7.7	232
6/14/02	5316.10	7.43	834	7.8	231

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS310

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1321	UCL=22	UCL=353
4/4/02	5234.20	7.70	573	4.2	166
4/19/02	5234.70	7.50	551	4.2	164
5/3/02	5234.70	7.77	604	5.1	164
5/17/02	5235.50	7.70	597	4.7	165
6/4/02	5234.70	7.67	592	4.7	163
6/14/02	5235.20	7.70	600	4.9	164

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS311

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1321	UCL=22	UCL=353
4/4/02	5234.90	7.65	590	4.1	189
4/19/02	5235.40	7.58	576	4.3	189
5/3/02	5235.40	7.63	631	4.6	189
5/17/02	5235.10	7.23	568	4.1	188
6/4/02	5235.50	7.57	621	4.6	189
6/14/02	5235.80	7.55	626	4.3	189

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS312

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1321	UCL=22	UCL=353
4/4/02	5233.40	7.70	538	2.0	145
4/19/02	5233.30	7.53	529	2.6	145
5/3/02	5234.00	7.87	573	3.2	147
5/17/02	5233.70	7.85	571	2.6	145
6/4/02	5233.90	7.80	567	2.6	145
6/14/02	5235.90	7.82	571	2.5	145

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - MS313

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1321	UCL=22	UCL=353
4/4/02	5235.10	7.52	575	2.9	179
4/19/02	5235.20	7.52	548	2.9	178
5/3/02	5235.40	7.93	588	3.3	179
5/17/02	5235.40	7.57	535	3.2	179
6/4/02	5235.60	7.65	590	3.1	179
6/14/02	5235.60	7.70	597	3.1	180

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #3

Monitor Well - OMS1

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=1321	UCL=22	UCL=353
4/4/02	5314.80	7.63	769	7.7	230
4/19/02	5314.10	7.35	756	7.9	230
5/3/02	5314.90	7.04	740	8.5	231
5/17/02	5314.60	7.41	837	8.0	230
6/4/02	5314.40	7.41	833	8.0	231
6/14/02	5314.70	7.49	838	8.5	231

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M402

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5181.28	7.51	442	3.4	157
4/24/02	5204.75	7.52	428	3.3	157
5/7/02	5188.30	7.73	434	3.7	158
5/22/02	5195.30	7.77	473	3.6	158
6/6/02	5192.80	7.73	470	3.7	157
6/18/02	5180.30	7.60	520	3.5	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M403

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5182.38	7.44	425	3.0	160
4/24/02	5203.10	7.51	412	3.1	160
5/7/02	5191.03	7.70	454	3.4	162
5/22/02	5194.58	7.70	450	3.1	160
6/6/02	5193.39	7.68	448	3.0	159
6/18/02	5186.45	7.64	449	3.0	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M404

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5186.35	7.44	422	2.9	160
4/24/02	5204.10	7.53	409	3.2	160
5/7/02	5198.68	7.77	414	3.3	161
5/22/02	5196.70	7.75	445	3.3	160
6/6/02	5197.86	7.74	443	3.0	160
6/18/02	5201.62	7.70	444	3.1	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M405

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5189.70	7.36	424	3.1	160
4/24/02	5205.50	7.79	420	3.1	160
5/7/02	5203.38	7.72	451	3.4	162
5/22/02	5199.80	7.75	463	3.3	160
6/6/02	5201.92	7.69	448	2.9	163
6/18/02	5205.60	7.67	449	3.2	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M406

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5191.76	7.36	428	3.0	159
4/24/02	5207.90	7.59	418	3.3	160
5/7/02	5207.06	7.75	420	3.3	161
5/22/02	5205.54	7.70	451	3.3	159
6/6/02	5205.94	7.67	452	3.0	161
6/18/02	5210.96	7.65	452	2.9	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M407

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5190.60	7.37	438	3.4	159
4/24/02	5206.17	7.58	428	3.3	159
5/7/02	5208.38	7.72	464	3.8	160
5/22/02	5201.20	7.68	466	3.4	158
6/6/02	5205.19	7.66	463	3.3	160
6/18/02	5211.42	7.63	464	3.3	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M408

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5188.10	7.39	454	3.9	158
4/24/02	5201.85	7.60	436	3.7	159
5/7/02	5209.10	7.73	446	3.6	160
5/22/02	5201.83	7.71	477	4.1	159
6/6/02	5204.03	7.69	479	3.4	160
6/18/02	5211.32	7.64	479	3.8	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M409

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5187.15	7.42	453	3.9	158
4/24/02	5199.75	7.55	442	3.9	158
5/7/02	5208.67	7.71	480	3.8	159
5/22/02	5200.08	7.73	478	3.6	158
6/6/02	5203.28	7.69	477	3.7	158
6/18/02	5210.39	7.66	479	3.7	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M410

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5190.43	7.43	452	3.4	158
4/24/02	5201.31	7.53	434	3.4	158
5/7/02	5210.51	7.70	443	3.6	159
5/22/02	5202.62	7.67	479	3.6	158
6/6/02	5204.53	7.66	481	3.6	158
6/18/02	5210.55	7.72	481	3.5	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M411

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5200.20	7.37	456	3.5	158
4/24/02	5205.75	7.50	449	3.6	158
5/7/02	5216.33	7.71	485	3.9	159
5/22/02	5206.85	7.67	485	3.8	158
6/6/02	5210.78	7.66	484	3.4	159
6/18/02	5214.75	7.64	490	3.5	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M412

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5203.40	7.34	464	3.4	158
4/24/02	5208.82	7.52	456	3.5	158
5/7/02	5218.87	7.71	456	4.0	158
5/22/02	5210.88	7.71	495	3.6	157
6/6/02	5214.56	7.66	495	3.9	158
6/18/02	5218.05	7.62	497	3.8	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M413

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5203.30	7.33	480	3.5	158
4/24/02	5207.84	7.55	466	3.7	158
5/7/02	5217.20	7.73	514	4.2	159
5/22/02	5210.28	7.63	520	3.6	158
6/6/02	5214.26	7.70	509	3.5	159
6/18/02	5215.99	7.60	511	3.4	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M414

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5211.15	7.38	489	3.6	158
4/24/02	5214.20	7.53	481	3.6	158
5/7/02	5222.80	7.71	484	3.9	159
5/22/02	5217.40	7.67	524	3.6	158
6/6/02	5221.62	7.75	523	3.5	159
6/18/02	5218.98	7.60	526	3.8	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M415

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5213.75	7.36	507	3.6	156
4/24/02	5215.50	7.49	499	3.4	157
5/7/02	5223.70	7.66	549	3.7	158
5/22/02	5219.30	7.74	544	3.7	157
6/6/02	5225.42	7.65	542	3.6	157
6/18/02	5219.77	7.58	544	3.4	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M416

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5216.15	7.30	515	3.3	156
4/24/02	5216.66	7.47	502	3.4	156
5/7/02	5223.70	7.74	513	3.5	157
5/22/02	5220.88	7.67	557	3.5	156
6/6/02	5224.73	7.57	555	3.3	157
6/18/02	5220.40	7.66	558	3.3	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M417

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5215.70	7.28	522	3.1	156
4/24/02	5216.15	7.46	513	3.2	157
5/7/02	5221.60	7.64	566	3.4	158
5/22/02	5220.21	7.68	463	3.4	156
6/6/02	5225.09	7.66	547	3.2	158
6/18/02	5222.37	7.61	562	3.1	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M418

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5215.20	7.28	526	3.1	158
4/24/02	5215.77	7.46	515	3.3	158
5/7/02	5219.70	7.67	518	3.3	159
5/22/02	5219.07	7.63	465	3.3	158
6/6/02	5222.23	7.59	506	3.0	159
6/18/02	5218.99	7.57	565	3.2	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M419

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5215.10	7.27	540	2.9	159
4/24/02	5215.30	7.47	527	2.8	160
5/7/02	5219.10	7.62	589	3.1	161
5/22/02	5219.21	7.65	581	3.4	160
6/6/02	5221.16	7.59	581	3.0	161
6/18/02	5218.97	7.58	583	2.7	162

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M420

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5213.91	7.29	541	2.9	160
4/24/02	5214.28	7.45	536	2.8	160
5/7/02	5218.32	7.75	543	2.9	161
5/22/02	5218.19	7.57	583	2.9	159
6/6/02	5220.43	7.59	582	2.9	159
6/18/02	5218.28	7.59	584	2.6	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M421

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5212.30	7.28	535	2.7	160
4/24/02	5212.91	7.45	520	3.3	160
5/7/02	5217.83	7.62	585	3.3	161
5/22/02	5216.80	7.58	582	3.2	160
6/6/02	5220.35	7.64	579	3.0	160
6/18/02	5217.56	7.70	576	2.9	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M422

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5212.95	7.37	542	3.4	159
4/24/02	5213.28	7.50	518	2.9	159
5/7/02	5220.30	7.70	533	3.5	160
5/22/02	5217.40	7.65	575	3.1	159
6/6/02	5223.68	7.61	568	3.2	160
6/18/02	5221.92	7.57	573	3.2	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M423

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5212.65	7.31	528	3.3	158
4/24/02	5214.37	7.53	521	3.9	158
5/7/02	5222.78	7.60	566	3.3	159
5/22/02	5217.72	7.69	569	3.4	158
6/6/02	5232.82	7.63	567	3.3	158
6/18/02	5230.40	7.54	569	3.1	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M424

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5208.60	7.30	523	2.9	158
4/24/02	5210.14	7.33	522	3.1	157
5/7/02	5221.26	7.63	513	3.6	158
5/22/02	5214.89	7.63	563	3.8	158
6/6/02	5220.63	7.65	560	3.2	157
6/18/02	5218.15	7.59	561	3.2	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M425

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5204.60	7.31	514	3.5	156
4/24/02	5205.73	7.43	509	3.5	156
5/7/02	5219.36	7.60	559	3.7	158
5/22/02	5211.25	7.62	557	3.7	157
6/6/02	5216.54	7.60	553	3.4	156
6/18/02	5217.92	7.59	556	3.6	157

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M426

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5201.30	7.30	509	4.0	157
4/24/02	5207.84	7.44	507	3.5	157
5/7/02	5218.25	7.65	502	3.9	158
5/22/02	5208.21	7.62	549	3.9	157
6/6/02	5213.71	7.59	547	3.8	156
6/18/02	5216.08	7.65	551	3.5	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M427

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5197.40	7.29	492	3.5	158
4/24/02	5205.15	7.46	484	3.6	159
5/7/02	5216.45	7.62	528	4.0	160
5/22/02	5204.89	7.65	529	4.0	158
6/6/02	5210.68	7.62	525	3.4	158
6/18/02	5215.92	7.60	527	3.7	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M428

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5190.85	7.31	488	3.5	159
4/24/02	5203.20	7.44	481	3.6	159
5/7/02	5211.93	7.64	477	3.8	160
5/22/02	5199.99	7.69	523	4.0	159
6/6/02	5205.68	7.60	521	3.9	158
6/18/02	5213.04	7.56	523	3.7	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M429

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5188.25	7.33	490	3.7	159
4/24/02	5203.35	7.43	475	3.8	159
5/7/02	5209.81	7.62	527	3.9	160
5/22/02	5198.77	7.67	526	3.9	159
6/6/02	5203.59	7.63	522	3.8	158
6/18/02	5211.28	7.59	523	3.9	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M430

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5187.95	7.33	489	3.8	159
4/24/02	5206.54	7.45	477	3.9	159
5/7/02	5208.07	7.67	479	3.6	160
5/22/02	5198.87	7.71	507	4.0	159
6/6/02	5202.63	7.66	521	3.9	158
6/18/02	5208.96	7.60	521	3.7	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M431

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5188.40	7.36	475	3.4	159
4/24/02	5210.57	7.43	469	3.7	158
5/7/02	5207.50	7.68	511	3.6	159
5/22/02	5199.12	7.66	518	3.8	158
6/6/02	5202.07	7.65	506	3.6	158
6/18/02	5206.02	7.61	508	3.8	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M432

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5186.25	7.37	484	3.9	159
4/24/02	5210.17	7.48	471	3.7	159
5/7/02	5203.20	7.70	473	3.7	160
5/22/02	5198.19	7.68	519	4.0	159
6/6/02	5199.66	7.66	515	3.7	159
6/18/02	5197.53	7.59	516	3.7	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M433

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5182.40	7.38	493	3.5	159
4/24/02	5205.84	7.49	469	3.6	159
5/7/02	5195.30	7.64	530	4.0	160
5/22/02	5196.48	7.69	531	4.0	159
6/6/02	5195.52	7.68	527	3.9	159
6/18/02	5186.67	7.57	529	3.9	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M434

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5181.45	7.38	486	3.7	159
4/24/02	5209.20	7.48	471	3.9	159
5/7/02	5190.60	7.70	472	4.0	161
5/22/02	5196.32	7.51	516	4.0	159
6/6/02	5193.37	7.63	517	3.8	159
6/18/02	5171.54	7.60	520	3.6	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M435

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5185.13	7.42	489	4.0	161
4/24/02	5201.53	7.65	489	4.1	162
5/7/02	5181.95	7.52	485	3.7	162
5/22/02	5197.92	7.73	521	3.8	159
6/6/02	5193.28	7.63	523	3.7	159
6/18/02	5178.00	7.63	522	4.1	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M436

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5171.91	7.52	500	3.8	162
4/24/02	5192.20	7.68	503	3.8	166
5/7/02	5169.81	7.46	499	3.8	164
5/22/02	5192.37	7.81	536	3.9	161
6/6/02	5174.32	7.63	540	3.6	161
6/18/02	5158.77	7.69	541	4.0	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M437

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5149.70	7.45	493	3.9	162
4/24/02	5167.26	7.72	493	4.0	163
5/7/02	5147.50	7.45	487	3.8	160
5/22/02	5179.09	7.63	531	3.9	160
6/6/02	5149.22	7.62	527	3.5	160
6/18/02	5136.10	7.73	532	3.7	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M438

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5138.27	7.41	487	3.7	162
4/24/02	5152.05	7.66	489	3.7	163
5/7/02	5135.60	7.44	485	4.0	161
5/22/02	5170.56	7.68	521	4.2	160
6/6/02	5138.22	7.65	521	3.6	159
6/18/02	5126.95	7.68	524	4.0	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M439

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5126.04	7.43	502	4.0	161
4/24/02	5138.92	7.67	499	4.0	163
5/7/02	5127.28	7.44	497	3.9	160
5/22/02	5154.90	7.63	530	4.2	159
6/6/02	5128.32	7.66	539	3.9	160
6/18/02	5117.93	7.63	536	4.1	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M440

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5112.99	7.42	503	3.6	161
4/24/02	5120.80	7.68	488	3.6	162
5/7/02	5114.92	7.44	499	3.7	161
5/22/02	5137.56	7.60	538	4.1	160
6/6/02	5114.50	7.60	542	3.8	160
6/18/02	5103.46	7.60	531	3.7	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M441

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5112.62	7.37	504	3.9	161
4/24/02	5110.31	7.64	499	4.0	162
5/7/02	5116.65	7.43	500	3.6	160
5/22/02	5135.90	7.60	535	3.7	159
6/6/02	5111.05	7.59	541	3.7	160
6/18/02	5098.75	7.65	538	3.9	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M442

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5109.99	7.39	497	3.9	162
4/24/02	5107.16	7.62	495	3.7	163
5/7/02	5121.86	7.46	494	4.1	161
5/22/02	5136.22	7.59	532	4.5	159
6/6/02	5106.90	7.59	536	4.0	160
6/18/02	5091.96	7.60	537	3.9	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M443

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5119.96	7.35	507	4.3	162
4/24/02	5116.16	7.62	505	4.0	164
5/7/02	5138.83	7.47	504	4.4	161
5/22/02	5146.37	7.63	544	5.8	161
6/6/02	5119.88	7.58	552	5.7	161
6/18/02	5105.67	7.58	551	6.8	162

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M444

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5122.19	7.52	521	3.6	160
4/24/02	5118.80	7.70	439	3.5	158
5/7/02	5144.90	7.47	510	3.7	161
5/22/02	5142.86	7.63	548	4.0	161
6/6/02	5125.28	7.61	553	3.9	161
6/18/02	5103.90	7.61	540	4.1	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M445

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5122.39	7.54	522	3.6	160
4/24/02	5119.48	7.63	501	3.7	159
5/7/02	5145.32	7.46	513	4.0	162
5/22/02	5147.29	7.66	546	4.0	161
6/6/02	5125.40	7.58	551	3.7	162
6/18/02	5100.98	7.64	556	3.9	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M446

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5120.65	7.52	507	3.9	159
4/24/02	5121.80	7.64	498	3.6	158
5/7/02	5121.80	7.47	502	4.0	161
5/22/02	5128.65	7.61	537	4.2	161
6/6/02	5120.22	7.58	542	3.8	160
6/18/02	5094.59	7.61	540	4.1	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M447

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5122.25	7.53	503	3.9	160
4/24/02	5123.70	7.66	489	3.5	159
5/7/02	5158.35	7.45	496	4.1	162
5/22/02	5127.05	7.61	529	4.0	161
6/6/02	5117.78	7.56	535	3.6	161
6/18/02	5095.05	7.57	534	4.2	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M448

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5121.30	7.36	491	3.7	163
4/24/02	5121.00	7.63	481	3.8	160
5/7/02	5151.29	7.47	486	4.0	162
5/22/02	5123.17	7.64	524	3.9	162
6/6/02	5113.40	7.56	529	3.7	162
6/18/02	5094.42	7.60	527	4.1	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M449

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5119.40	7.38	484	3.8	163
4/24/02	5116.20	7.69	472	3.8	160
5/7/02	5135.25	7.44	480	4.1	163
5/22/02	5118.48	7.58	512	4.0	163
6/6/02	5111.17	7.57	519	3.8	163
6/18/02	5093.80	7.70	519	4.1	162

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M450

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5119.17	7.38	484	3.7	165
4/24/02	5110.20	7.64	466	3.7	162
5/7/02	5121.98	7.44	479	4.0	165
5/22/02	5123.10	7.63	515	4.1	164
6/6/02	5112.74	7.59	518	3.9	166
6/18/02	5102.06	7.60	518	4.1	164

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M451

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5123.89	7.52	486	3.5	160
4/24/02	5115.77	7.65	471	3.7	159
5/7/02	5123.53	7.46	476	3.9	162
5/22/02	5148.88	7.61	511	3.7	165
6/6/02	5130.46	7.57	511	4.0	164
6/18/02	5123.98	7.61	513	4.1	162

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M452

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5138.15	7.53	475	3.9	161
4/24/02	5141.00	7.64	460	3.7	160
5/7/02	5128.05	7.46	466	3.7	162
5/22/02	5151.15	7.64	502	3.9	162
6/6/02	5164.01	7.64	507	3.3	164
6/18/02	5152.05	7.61	502	4.0	162

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M453

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5154.34	7.52	469	3.8	161
4/24/02	5163.85	7.65	454	3.5	160
5/7/02	5151.41	7.48	460	3.8	162
5/22/02	5180.95	7.57	491	4.1	162
6/6/02	5167.57	7.64	499	3.5	164
6/18/02	5155.94	7.58	491	3.9	162

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M454

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5171.80	7.53	461	3.6	162
4/24/02	5183.86	7.64	444	3.6	160
5/7/02	5168.43	7.53	454	3.7	163
5/22/02	5199.37	7.67	485	3.7	162
6/6/02	5170.35	7.64	489	3.4	164
6/18/02	5158.38	7.62	487	3.7	162

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M455A

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5184.54	7.54	452	3.6	161
4/24/02	5198.68	7.64	435	3.2	160
5/7/02	5182.40	7.55	446	3.0	162
5/22/02	5212.75	7.55	457	3.9	162
6/6/02	5185.40	7.63	481	3.3	164
6/18/02	5171.30	7.67	486	3.7	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M456

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5187.56	7.56	444	3.0	161
4/24/02	5203.08	7.65	433	3.5	158
5/7/02	5185.68	7.51	437	3.5	162
5/22/02	5215.60	7.65	466	3.6	161
6/6/02	5193.52	7.64	472	3.4	164
6/18/02	5175.92	7.64	467	3.6	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M457

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5190.24	7.57	437	3.5	160
4/24/02	5201.89	7.67	425	3.1	158
5/7/02	5188.10	7.59	433	3.4	161
5/22/02	5207.35	7.68	456	3.6	160
6/6/02	5195.46	7.71	465	3.1	163
6/18/02	5180.44	7.75	462	3.7	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - M458

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=708	UCL=19	UCL=177
4/10/02	5186.49	7.59	456	4.4	160
4/24/02	5204.41	7.68	430	4.2	158
5/7/02	5187.41	7.68	450	4.1	161
5/22/02	5203.21	7.70	470	4.9	159
6/6/02	5193.04	7.65	470	6.1	161
6/18/02	5180.25	7.72	471	5.0	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS401

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
4/10/02	5223.25	7.46	529	2.7	158
4/24/02	5224.24	7.57	522	2.6	160
5/7/02	5225.25	7.31	517	2.6	159
5/22/02	5224.90	7.60	562	2.7	157
6/6/02	5224.15	7.55	565	2.6	157
6/18/02	5224.53	7.58	569	1.8	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS402

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
4/10/02	5223.35	7.40	522	2.9	160
4/24/02	5223.77	7.37	520	2.5	158
5/7/02	5223.23	7.26	514	3.1	160
5/22/02	5224.68	7.49	559	2.8	158
6/6/02	5224.04	7.56	563	2.8	159
6/18/02	5224.40	7.54	564	2.6	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS403

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
4/10/02	5222.10	7.36	513	2.4	159
4/24/02	5223.18	7.31	512	2.2	158
5/7/02	5222.50	7.25	507	2.3	160
5/22/02	5223.33	7.49	552	2.7	158
6/6/02	5222.74	7.58	555	2.2	158
6/18/02	5223.28	7.54	557	2.3	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS404

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
4/10/02	5221.65	7.34	465	3.2	159
4/24/02	5222.28	7.26	505	2.8	158
5/7/02	5222.39	7.25	501	2.9	160
5/22/02	5223.10	7.50	545	2.6	157
6/6/02	5222.62	7.56	547	2.5	158
6/18/02	5222.78	7.54	549	2.7	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS405

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
4/10/02	5221.50	7.33	506	3.2	158
4/24/02	5223.77	7.24	509	3.2	157
5/7/02	5223.38	7.23	503	3.2	159
5/22/02	5222.75	7.51	549	3.1	157
6/6/02	5221.98	7.59	550	2.8	157
6/18/02	5222.25	7.55	552	2.7	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS406

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
4/10/02	5221.00	7.30	501	3.6	157
4/24/02	5222.11	7.23	498	3.1	157
5/7/02	5222.83	7.25	496	3.4	159
5/22/02	5221.90	7.49	538	3.7	156
6/6/02	5221.14	7.56	541	3.5	156
6/18/02	5221.36	7.55	543	3.1	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS407

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
4/10/02	5220.70	7.31	492	3.5	158
4/24/02	5221.45	7.23	490	3.3	157
5/7/02	5221.93	7.26	487	3.5	159
5/22/02	5221.63	7.52	528	3.1	157
6/6/02	5220.80	7.59	531	3.3	157
6/18/02	5220.01	7.57	533	3.4	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS408

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
4/10/02	5220.20	7.33	503	3.6	157
4/24/02	5220.84	7.21	501	2.9	156
5/7/02	5221.44	7.25	495	3.5	158
5/22/02	5221.08	7.61	541	3.3	155
6/6/02	5220.28	7.59	537	3.2	156
6/18/02	5219.70	7.55	541	3.4	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS409

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
4/10/02	5220.20	7.34	501	3.0	159
4/24/02	5220.46	7.21	501	2.8	157
5/7/02	5221.49	7.33	501	2.9	159
5/22/02	5220.99	7.61	537	3.4	157
6/6/02	5220.30	7.61	543	2.8	157
6/18/02	5219.22	7.57	543	2.5	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS411

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
4/10/02	5224.15	7.73	548	2.5	163
4/24/02	5224.89	7.22	539	2.0	162
5/7/02	5224.55	7.31	533	2.1	163
5/22/02	5225.70	7.50	581	2.2	161
6/6/02	5225.00	7.57	585	1.9	162
6/18/02	5225.37	7.61	586	2.6	163

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS412

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
4/10/02	5219.29	7.50	509	3.2	159
4/24/02	5219.71	7.59	510	2.9	161
5/7/02	5220.56	7.26	501	3.4	160
5/22/02	5219.50	7.55	545	3.3	158
6/6/02	5218.70	7.59	551	3.1	158
6/18/02	5217.82	7.58	550	2.6	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS413

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
4/10/02	5218.43	7.55	516	3.3	158
4/24/02	5218.91	7.60	511	2.9	163
5/7/02	5219.38	7.28	504	3.3	162
5/22/02	5218.56	7.51	554	3.5	159
6/6/02	5217.59	7.61	554	2.9	160
6/18/02	5216.44	7.58	557	3.2	162

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS414

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
4/10/02	5217.83	7.36	502	3.5	160
4/24/02	5218.28	7.58	517	3.2	162
5/7/02	5218.76	7.26	504	3.3	160
5/22/02	5217.77	7.52	552	3.4	158
6/6/02	5216.76	7.60	556	3.0	158
6/18/02	5215.16	7.60	558	3.1	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS415

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
4/10/02	5216.96	7.34	511	3.3	157
4/24/02	5217.45	7.58	519	3.1	159
5/7/02	5218.26	7.27	508	3.9	158
5/22/02	5216.79	7.52	555	3.8	155
6/6/02	5215.53	7.58	558	3.6	157
6/18/02	5213.66	7.60	561	3.6	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS416

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
4/10/02	5216.07	7.34	512	3.8	159
4/24/02	5216.53	7.58	523	3.4	161
5/7/02	5217.10	7.28	514	3.4	160
5/22/02	5214.50	7.63	559	3.4	158
6/6/02	5214.10	7.65	562	3.2	161
6/18/02	5211.49	7.57	566	3.1	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MS417

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=637	UCL=19	UCL=178
4/10/02	5215.03	7.41	516	3.6	160
4/24/02	5224.89	7.56	525	2.0	162
5/7/02	5216.08	7.24	514	3.5	160
5/22/02	5213.84	7.51	562	3.7	158
6/6/02	5213.46	7.48	566	3.6	159
6/18/02	5208.93	7.66	567	3.2	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD401

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
4/10/02	5222.30	7.41	480	4.8	157
4/24/02	5223.06	7.54	477	4.1	156
5/7/02	5222.67	7.37	479	4.1	158
5/22/02	5223.53	7.64	510	4.2	157
6/6/02	5223.20	7.59	510	4.0	156
6/18/02	5222.97	7.70	515	3.9	157

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD402

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
4/10/02	5225.25	7.43	479	4.3	158
4/24/02	5225.62	7.44	477	4.3	157
5/7/02	5225.70	7.38	480	4.1	160
5/22/02	5226.68	7.62	508	4.4	156
6/6/02	5229.40	7.60	513	4.3	157
6/18/02	5229.82	7.70	512	4.2	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD403

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
4/10/02	5217.80	7.39	480	4.5	159
4/24/02	5218.82	7.42	481	4.3	158
5/7/02	5217.90	7.40	479	4.7	160
5/22/02	5219.40	7.64	510	4.5	157
6/6/02	5219.12	7.62	514	4.3	157
6/18/02	5219.80	7.66	514	4.1	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD404

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
4/10/02	5217.40	7.37	483	4.3	159
4/24/02	5218.91	7.37	484	4.2	159
5/7/02	5219.38	7.33	478	4.6	161
5/22/02	5218.94	7.62	543	4.2	158
6/6/02	5218.58	7.70	517	4.2	158
6/18/02	5219.21	7.66	519	4.2	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD405

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
4/10/02	5216.75	7.42	472	4.8	159
4/24/02	5217.52	7.40	478	4.3	159
5/7/02	5217.97	7.33	473	4.7	161
5/22/02	5217.61	7.61	506	4.5	158
6/6/02	5217.31	7.69	508	4.9	158
6/18/02	5217.87	7.67	511	4.4	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD406

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
4/10/02	5216.20	7.43	509	4.4	158
4/24/02	5217.58	7.33	511	3.8	157
5/7/02	5217.11	7.33	507	4.2	159
5/22/02	5217.05	7.62	543	4.1	156
6/6/02	5216.60	7.72	546	4.6	157
6/18/02	5216.58	7.63	547	4.0	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD407

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
4/10/02	5208.00	7.46	463	4.8	158
4/24/02	5208.43	7.43	479	4.3	158
5/7/02	5209.10	7.38	477	4.7	159
5/22/02	5208.30	7.68	507	4.8	157
6/6/02	5208.10	7.68	510	4.3	157
6/18/02	5208.10	7.68	510	4.7	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD408

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
4/10/02	5199.40	7.43	779	5.0	160
4/24/02	5199.64	7.40	478	4.7	159
5/7/02	5199.83	7.39	477	5.0	161
5/22/02	5199.53	7.72	509	5.0	158
6/6/02	5199.46	7.67	504	4.4	159
6/18/02	5199.62	7.73	509	4.5	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD409

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
4/10/02	5201.45	7.46	482	4.6	161
4/24/02	5201.75	7.41	473	4.4	160
5/7/02	5201.38	7.39	470	4.5	161
5/22/02	5201.19	7.65	501	4.7	159
6/6/02	5201.56	7.70	503	5.0	159
6/18/02	5201.12	7.69	503	4.2	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD410

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
4/10/02	5216.88	7.31	486	4.5	157
4/24/02	5217.30	7.49	480	4.3	157
5/7/02	5218.28	7.69	524	4.6	159
5/22/02	5219.02	7.64	522	4.6	157
6/6/02	5218.75	7.63	519	4.3	156
6/18/02	5219.03	7.98	524	4.7	157

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD411

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
4/10/02	5227.80	7.46	483	4.1	154
4/24/02	5228.50	7.39	484	3.5	153
5/7/02	5229.88	7.35	478	4.0	155
5/22/02	5228.98	7.62	510	4.0	152
6/6/02	5228.65	7.66	514	4.2	153
6/18/02	5227.96	7.64	517	4.1	155

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD412

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
4/10/02	5196.00	7.49	487	4.6	158
4/24/02	5195.94	7.40	487	4.4	157
5/7/02	5196.38	7.40	487	4.7	158
5/22/02	5195.70	7.64	516	4.8	156
6/6/02	5195.50	7.70	519	4.3	156
6/18/02	5195.69	7.69	522	4.5	158

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD413

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
4/10/02	5189.03	7.49	491	4.5	159
4/24/02	5188.89	7.65	486	4.7	160
5/7/02	5189.17	7.41	489	4.8	160
5/22/02	5188.65	7.63	518	4.7	157
6/6/02	5188.60	7.71	519	4.5	158
6/18/02	5188.62	7.68	521	4.9	159

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD414

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
4/10/02	5183.96	7.51	484	4.7	160
4/24/02	5183.87	7.37	483	4.7	158
5/7/02	5183.08	7.40	479	4.8	161
5/22/02	5183.55	7.64	510	4.7	158
6/6/02	5183.36	7.69	512	4.5	159
6/18/02	5183.59	7.67	514	4.6	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD415

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
4/10/02	5179.21	7.53	485	4.8	160
4/24/02	5178.62	7.36	485	4.5	158
5/7/02	5178.62	7.42	486	4.6	161
5/22/02	5178.76	7.62	513	4.6	158
6/6/02	5178.63	7.71	516	4.5	158
6/18/02	5178.71	7.70	519	4.2	160

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD416

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
4/10/02	5176.54	7.52	484	4.5	162
4/24/02	5176.49	7.65	491	4.3	163
5/7/02	5176.49	7.42	484	4.4	162
5/22/02	5175.90	7.70	508	4.5	160
6/6/02	5175.71	7.70	515	4.5	163
6/18/02	5176.20	7.70	513	4.3	161

RIO ALGOM MINING CORP.
Smith Ranch Facility
Monitor Wells - Wellfield #4

Monitor Well - MD417

Date			SC @ 25 C	Cl	Alkalinity
Water Level	MSL	pH	(umoh/cm)	(mg/l)	CaCO3 (mg/l)
			UCL=579	UCL=19	UCL=176
4/10/02	5173.33	7.51	484	4.4	164
4/24/02	5173.22	7.36	480	4.0	162
5/7/02	5173.40	7.44	483	4.3	164
5/22/02	5172.78	7.62	511	4.6	161
6/6/02	5172.48	7.71	514	4.7	162
6/16/02	5172.98	7.67	516	4.3	164