

Appendix II: West Camp water quality

Bedrock aquifer

Underground workings

Travona Mine

Emma Mine

Ophir Mine

Ground-Water Information Center - All Parameters Report - Montana Bureau of Mines and Geology

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1984Q0015	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/16/84 12:10:00	MBMG	6.60		7.35	1248.00	851.23	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
141.	41.5	69.1	4.5	2.51	2.64	16.8	13.877		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
295.7	0.0	391.	35.6	.03	.7	14.034			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	60.	78.	160.			100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
30.		50.	<20.	<10.	<40.				1990.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
17.	2.	98.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1984Q0098	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		4/26/84 00:00:00	MBMG	7.20					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
146.	41.8	69.7	4.6	1.95	2.49	16.3	14.130		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	76.5	150.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
50.		53.	<20.	<10.					1970.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
15.	3.	240.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1984Q0666	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		7/26/84 12:05:00	MBMG	7.14		7.20	1188.00	827.47	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
143.	41.3	70.	4.7	1.84	2.64	16.8	13.945		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
324.	0.0	352.	33.2	1.73	.5	13.637			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	93.	180.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
69.		57.	<20.	<10.					2030.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
15.	<1.	81.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1984Q1134	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		10/18/84 13:55:00	MBMG	6.80		7.45	1214.00	853.40	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
142.	41.9	69.2	4.7	2.99	3.35	16.2	14.007		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
314.	0.0	365.	41.6	10.7	.8		14.134		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	40.	125.	170.			100.	<2.		3.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
62.		55.	20.	10.					2000.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
30.	9.	74.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1985Q1106	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		10/31/85 14:00:00	MBMG	6.00		6.89	1131.00	881.02	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
147.	43.8	76.0	4.6	2.29	3.39	18.6	14.664		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
332.	0.0	381.	40.0	.15	.5		14.538		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	101.	200.			<100.	<2.	30.	<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
4.		46.	<20.	<10.					2060.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
17.	<1.	36.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1985Q1105	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		10/31/85 14:20:00	MBMG	6.62		7.01	1138.00	880.71	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
147.	43.9	76.1	4.8	3.14	3.45	18.3	14.726		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
331.	0.0	380.	40.1	.12	.5		14.511		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	91.	220.			<100.	<2.	30.	<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
2.		43.	<20.	<10.					2060.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
20.	<1.	140.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1986Q0391	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		5/29/86 14:15:00	MBMG	6.48		7.13	1293.00	831.58	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
137.	43.8	76.3	4.6	1.60	3.43	17.8	14.138		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
348.	0.0	335.	39.9	.07	.5		13.836		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	74.7	170.			100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		56.	<20.	<10.			<.1		1960.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
10.	<2.	55.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1986Q0593	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		6/26/86 00:00:00	MBMG	6.63		7.19	1273.00	870.08	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
142.	44.1	76.2	4.6	2.29	3.45	17.4	14.450		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
330.	0.0	375.	41.5	.04	.5		14.431		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	96.	90.			<100.	3.	10.	<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
7.		49.	<20.	<10.			.1		1920.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	<1.	230.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1986Q0822	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		7/31/86 11:40:00	MBMG	6.83		7.18	1238.00	841.83	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
141.	43.8	75.6	3.6	1.71	3.54	17.9	14.286		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
333.	0.0	349.	38.3	3.04	.2		13.870		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	99.	180.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		42.	<20.	<10.			.2		1960.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
<1.	<1.	<4.	<3.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1986Q1096	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		9/26/86 14:20:00	MBMG	6.45		6.90	1311.70	908.16	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
154.	46.3	71.0	4.5	3.34	5.96	17.9	15.143		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
350.	0.0	394.	37.6	.33	.5	15.061			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	187.	180.			100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		51.	<20.	<10.					1880.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
7.	<1.	120.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1986Q1297	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		12/23/86 13:45:00	MBMG	6.80		7.11	1353.00		
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
					TOTAL				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1987Q0019	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/27/87 13:15:00	MBMG	6.21					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
					TOTAL				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1987Q0425	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		6/25/87 10:05:00	MBMG	6.44		7.02	1432.00	1177.84	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
187.	57.2	67.8	5.9	8.65	28.3	18.1	18.692		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
293.3	0.0	624.	35.7	.14	.4		18.837		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	179.	210.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
6.		50.	<20.	<10.					2260.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
21.	<1.	160.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1987Q0586	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		7/31/87 12:05:00	MBMG	6.54		7.03	1562.90	1132.30	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
185.	56.4	65.8	5.0	8.82	28.8	18.4	18.436		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
315.	0.0	573.	34.7	.62	.4		18.109		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	175.	190.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		44.	<20.	<10.	<40.				2100.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
17.	<1.	190.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1987Q0793	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		9/28/87 00:00:00	MBMG	6.52		7.28	1551.00	1157.66	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
191.	58.2	64.8	5.7	8.17	26.0	17.2	18.725		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
302.	0.0	602.	35.1	.02	.6		18.510		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	177.	140.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
9.		44.	<20.	30.	<40.				2060.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
12.	<1.	93.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1987Q1013	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		10/30/87 15:20:00	MBMG	6.64		7.50	1594.00	1163.98	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
194.	59.2	64.5	2.8	8.18	25.7	16.6	18.855		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
290.8	0.0	614.	34.3	.93	.3	18.568			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	150.	110.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
3.		41.	<20.	<10.	<40.				2040.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
6.	<1.	120.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q0063	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/27/88 15:30:00	MBMG	6.52		6.95	1203.00	1230.28	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
207.	61.8	60.4	5.4	8.17	28.3	17.4	19.709		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
302.	0.0	658.	33.0	1.68	.3	19.641			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	138.	130.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		35.	<20.	<10.	<40.				2120.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
5.	<1.	63.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q0188	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		3/29/88 15:25:00	MBMG	6.55		6.81	1541.00	1160.02	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
197.	59.1	59.1	5.5	7.72	24.3	17.3	18.749		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
281.4	0.0	615.	35.7	.07	.4	18.447			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	164.	120.			<100.	<2.	20000.	<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		37.	<20.	<10.	<40.				2030.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
5.	<1.	113.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q0466	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		5/31/88 16:20:00	MBMG	6.50		6.93	1547.00	1159.05	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
198.	61.0	63.2	6.8	7.62	20.1	17.6	19.013		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
364.	0.0	569.	35.8	.05	.4		18.850		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	122.	160.			<100.	<2.	<5.	<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
6.		38.	<20.	<10.					2060.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
6.	<1.	160.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q0484	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		6/3/88 13:55:00	MBMG	6.05		7.55	1513.00	1144.25	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
195.	60.2	62.6	6.3	7.69	19.4	17.1	18.727		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
312.	0.0	585.	36.7	.12	.4		18.355		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	185.	140.			<100.	<2.	18.	<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
9.		36.	<20.	<10.					2040.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
4.	<1.	38.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q0483	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		6/3/88 14:20:00	MBMG	6.32		6.87	1508.00	1128.26	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
191.	58.8	61.7	5.9	7.41	19.1	17.1	18.339		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
305.	0.0	580.	36.4	.17	.4		18.127		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	175.	160.			<100.	<2.	37.	<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
2.		36.	<20.	<10.					1990.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
2.	<1.	28.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q0482	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		6/3/88 14:50:00	MBMG	6.25		7.16	1499.00	1145.86	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
196.	60.8	63.6	6.1	7.63	19.4	17.4	18.874		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
336.	0.0	573.	35.8	.17	.4	18.480			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	170.	140.			<100.	<2.	14.	<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
10.		37.	<20.	<10.					2060.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
4.	<1.	28.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q0485	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		6/3/88 15:25:00	MBMG	6.65		7.31	1537.00	1171.48	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
201.	61.8	61.3	6.1	8.44	21.1	17.4	19.218		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
329.	0.0	596.	35.8	.06	.4	18.830			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	209.	150.			<100.	<2.	16.	<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
2.		37.	<20.	<10.					2070.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
3.	<1.	9.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q0703	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		6/29/88 15:20:00	MBMG	6.12		6.96	1484.00	1139.85	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
191.	59.1	62.8	6.1	7.03	18.5	17.7	18.382		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
302.	0.0	592.	36.3	.03	.4	18.324			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	151.	150.			<100.	<2.	40.	<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
5.		36.	<20.	<10.	<40.				2050.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
9.	<1.	120.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q1084	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		7/28/88 16:10:00	MBMG	6.75		7.16	1454.00	1114.38	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
186.	57.9	63.3	6.1	6.52	16.5	17.8	17.950		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
310.	0.0	570.	37.0	.05	.4		18.014		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	158.	180.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
5.		34.	<20.	<10.	<40.				2000.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
2.	<1.	93.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q1414	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		9/29/88 15:30:00	MBMG	6.94		7.03	1466.00	1061.06	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
179.	55.3	62.2	6.	6.69	16.2	18.8	17.337		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
298.7	0.0	532.	37.1	.16	.4		17.047		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	178.	200.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		37.	<20.	<10.	<40.				2020.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
6.	<1.	71.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q1518	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		10/27/88 16:10:00	MBMG	6.71					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
174.	52.2	59.1	5.8	6.61	16.3	18.1	16.694		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	162.	190.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
4.		41.	<20.	<10.	<40.				1885.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	1.	83.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q1629	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		11/30/88 16:00:00	MBMG	6.38		7.22	1462.00	1094.41	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
187.	57.6	62.1	6.1	6.97	17.5	18.3	17.989		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
354.	0.0	528.	35.9	.04	.4		17.833		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	143.	210.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
2.		37.	<20.	<10.	<40.				2100.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
7.	9.	9.	7.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q1630	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		11/30/88 16:30:00	MBMG	6.54		6.92	1430.00	1086.55	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
184.	56.6	62.	6.2	6.80	17.3	18.6	17.743		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
351.	0.0	525.	36.6	.02	.5		17.752		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	144.	200.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
2.		37.	<20.	<10.	<40.				2040.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
11.	<1.	17.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q1717	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		12/19/88 15:00:00	MBMG	6.62		6.77	1443.90	888.93	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
184.	56.9	62.1	6.2	6.71	18.2	17.9	17.790		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
345.	0.0	332.	34.4	.14	.4		13.560		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	144.	210.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
6.		37.	<20.	<10.	<40.				2070.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
2.	<1.	21.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q1718	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		12/19/88 15:00:00	MBMG	6.62					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
189.	58.9	62.5	6.2	7.07	18.5	18.9	18.264		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
5.	30.	173.	260.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
12.		41.	<20.	<10.	<40.				2030.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
14.	3.	65.	4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q1719	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		12/19/88 19:00:00	MBMG	6.78		6.74	1443.90	1095.38	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
186.	57.6	62.5	6.	6.85	18.5	18.1	17.980		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
346.	0.0	535.	33.8	.16	.4	17.783			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	128.	210.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
8.		37.	<20.	<10.	<40.				2090.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
3.	<1.	23.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q1752	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		12/20/88 00:00:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
					TOTAL				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q1720	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		12/20/88 00:38:00	MBMG	6.79		6.72	1443.90	1094.59	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
185.	56.6	61.3	6.1	6.81	18.6	17.7	17.811		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
346.	0.0	537.	34.5	.11	.4	17.853			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	131.	220.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
6.		37.	<20.	<10.	<40.				2070.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
4.	<1.	23.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q1735	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		12/20/88 11:30:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
					TOTAL				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q1736	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		12/20/88 12:10:00	MBMG	6.72					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
					TOTAL				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q1751	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		12/20/88 15:30:00	MBMG	6.71					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
188.	59.	62.4	6.4	7.08	18.4	19.4	18.211		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
4.	30.	177.	300.				2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
12.		41.	<20.	<10.	<40.				2030.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
14.	8.	64.	<4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q1750	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		12/20/88 15:30:00	MBMG	6.71		6.52	1454.00	1115.91	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
189.	58.7	62.5	6.1	7.20	19.6	18.2	18.289		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
361.	0.0	542.	34.4	.05	.3	18.200			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	127.	200.			<100.	8.		0.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
8.		39.	<20.	<10.	<40				2110.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
6.	1.	19.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1988Q1753	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		12/20/88 16:05:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
						TOTAL			

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0013	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/6/89 12:55:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
					TOTAL				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0012	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/6/89 15:15:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
190.	57.2	61.4	6.1	6.75	19.1	17.	18.146		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
22.	150.	174.	190.				4.		12.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		50.	<20.	10.	90.				2130.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
<1.	24.	53.	<4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0045	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/11/89 10:00:00	MBMG			7.38	6323.00		
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
635.	526.	550.	58.8	.039	18.7	105.	101.243		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
2.	70.	41.	490.				6.		20.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
32.		390.	20.	1980.	<40.				6810.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
7.	12.	190.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0047	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/11/89 10:00:00	MBMG			6.70	38.40		
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
3.	1.4	2.9	.4	.011	.15	.5	0.417		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	2.8	70.				<2.		2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
11.		5.	<20.	<10.	<40.				32.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
1.	4.	9.	7.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0046	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/11/89 10:00:00	MBMG			7.35	6779.00		
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
797.	522.	545.	58.7	.018	18.7	110.	108.806		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
4.	100.	37.	510.				9.		21.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
45.		390.	20.	1960.	<41.				7400.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
4.	20.	100.	6.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0057	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/25/89 14:00:00	MBMG	6.66					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
185.	58.5	63.2	6.	6.50	16.5	18.6	17.937		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
3.	<30.	173.	190.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		38.	<20.	<10.	4.				2000.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
9.	7.	48.	4.		Total Recoverable				

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Gwic Id: 4782	Sample Id: 1989Q0056	Site Name: TRAVONA MINE * BUTTE MT					Type: MINE		
Agency: MBMG	Td:	Sample Date: 1/25/89 14:00:00	Lab: MBMG	Field Ph: 6.66	Temp C:	Lab Ph: 6.81	Lab Sc: 1442.00	Tds Mgl: 1095.76	
Ca Mgl: 182.	Mg Mgl: 60.7	Na Mgl: 66.4	K Mgl: 7.1	Fe Mgl: 3.74	Mn Mgl: 17.	Sio2 Mgl: 18.6	Total Cations Meq/L: 17.975		
Hco3 Mgl: 321.	Co3 Mgl: 0.0	So4 Mgl: 546.	Cl Mgl: 35.2	No3-N Mgl: .28	F Mgl: .6	Total Anions Meq/L: 17.653			
Ag Ugl: <2.	Al Ugl: <30.	As Ugl: 168.	B Ugl: 170.	Ba Ugl:	Be Ugl:	Br ugl: <100.	Cd Ugl: 4.	Co Ugl:	Cr Ugl: <2.
Cu Ugl: 4.	Hg Ugl:	Li Ugl: 40.	Mo Ugl: <20.	Ni Ugl: <10.	Pb Ugl: <4.	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl: 210.
Ti Ugl: 7.	V Ugl: 6.	Zn Ugl: 12.	Zr Ugl: <4.	TI Ugl:	Procedure Type: Dissolved				

Gwic Id: 4782	Sample Id: 1989Q0058	Site Name: TRAVONA MINE * BUTTE MT					Type: MINE		
Agency: MBMG	Td:	Sample Date: 1/25/89 22:40:00	Lab: MBMG	Field Ph: 6.78	Temp C:	Lab Ph: 6.62	Lab Sc: 1437.00	Tds Mgl: 1081.36	
Ca Mgl: 182.	Mg Mgl: 57.	Na Mgl: 61.8	K Mgl: 5.5	Fe Mgl: 6.61	Mn Mgl: 16.5	Sio2 Mgl: 17.8	Total Cations Meq/L: 17.584		
Hco3 Mgl: 324.	Co3 Mgl: 0.0	So4 Mgl: 539.	Cl Mgl: 34.7	No3-N Mgl: .20	F Mgl: .6	Total Anions Meq/L: 17.549			
Ag Ugl: <2.	Al Ugl: <30.	As Ugl: 99.	B Ugl: 180.	Ba Ugl:	Be Ugl:	Br ugl: <100.	Cd Ugl: <2.	Co Ugl:	Cr Ugl: <2.
Cu Ugl: <2.	Hg Ugl:	Li Ugl: 35.	Mo Ugl: <20.	Ni Ugl: <10.	Pb Ugl: 9.	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl: 1200.
Ti Ugl: 8.	V Ugl: 1.	Zn Ugl: 43.	Zr Ugl: <4.	TI Ugl:	Procedure Type: Dissolved				

Gwic Id: 4782	Sample Id: 1989Q0059	Site Name: TRAVONA MINE * BUTTE MT					Type: MINE		
Agency: MBMG	Td:	Sample Date: 1/26/89 07:00:00	Lab: MBMG	Field Ph: 6.74	Temp C:	Lab Ph: 6.56	Lab Sc: 1424.00	Tds Mgl: 1092.71	
Ca Mgl: 184.	Mg Mgl: 58.	Na Mgl: 63.1	K Mgl: 5.6	Fe Mgl: 6.76	Mn Mgl: 16.7	Sio2 Mgl: 17.9	Total Cations Meq/L: 17.847		
Hco3 Mgl: 321.	Co3 Mgl: 0.0	So4 Mgl: 547.	Cl Mgl: 34.7	No3-N Mgl: .21	F Mgl: .6	Total Anions Meq/L: 17.659			
Ag Ugl: <2.	Al Ugl: <30.	As Ugl: 116.	B Ugl: 140.	Ba Ugl:	Be Ugl:	Br ugl: <100.	Cd Ugl: 2.	Co Ugl:	Cr Ugl: <2.
Cu Ugl: <2.	Hg Ugl:	Li Ugl: 35.	Mo Ugl: <20.	Ni Ugl: <10.	Pb Ugl: 6.	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl: 2030.
Ti Ugl: 7.	V Ugl: <1.	Zn Ugl: 13.	Zr Ugl: <4.	TI Ugl:	Procedure Type: Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0074	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/26/89 12:15:00	MBMG	6.75					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
181.	57.3	61.6	5.8	6.66	17.	18.4	17.607		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	30.	160.	170.				6.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		36.	<20.	<10.	16.				2020.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
10.	4.	43.	<4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0073	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/26/89 12:15:00	MBMG	6.75		6.68	1414.00	1082.44	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
183.	57.	61.7	5.5	6.66	16.7	17.9	17.651		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
325.	0.0	539.	34.2	.07	.6	17.555			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	138.	190.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		36.	<20.	<10.	12.				1980.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	<1.	13.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0071	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/26/89 18:00:00	MBMG	6.75		6.78	1404.00	1081.44	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
183.	57.3	61.4	5.8	6.65	16.8	17.8	17.684		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
322.	0.0	539.	34.4	.06	.6	17.510			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	119.	130.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		36.	<20.	<10.	5.				1990.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	2.	9.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0072	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/26/89 18:00:00	MBMG	6.75					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
192.	61.3	65.5	6.2	7.17	18.1	19.7	18.724		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	191.	320.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
2.		39.	<20.	<10.	16.				2140.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
12.	6.	45.	<4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0070	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/27/89 05:45:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
<.1	<.1	.1	.1	.048	.002	.3	0.003		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	<.1	<20.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		<2.	<20.	<10.	<4.				<1.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
<1.	<1.	<3.	<4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0069	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/27/89 05:45:00	MBMG			5.44	38.20	5.11	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
.1	.1	<.1	.3	.006	.009	.2	0.020		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
1.7	0.0	2.2	1.3	.05	<.1		0.117		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
8.	<30.	.4	<20.			<100.	3.		10.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
4.		2.	<20.	<10.	<4.				1.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
3.	6.	3.	15.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0067	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/27/89 07:10:00	MBMG	6.76		6.66	1424.00	1088.13	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
184.	58.	62.2	6.	6.82	17.1	17.9	17.844		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
333.	0.0	538.	33.4	.06	.6	17.642			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	118.	120.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		35.	<20.	<10.	7.				2000.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	<1.	11.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0068	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/27/89 07:10:00	MBMG	6.76					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
175.	55.4	58.8	5.5	6.58	16.7	17.9	16.998		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	30.	182.	200.				3.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		34.	<20.	<10.	8.				1900.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
9.	7.	39.	<4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0084	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/27/89 15:45:00	MBMG	6.79		6.69	1409.30	1083.98	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
184.	57.5	61.8	5.6	6.83	17.3	17.7	17.783		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
325.	0.0	538.	34.5	.04	.6	17.543			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	147.	170.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		35.	<20.	<10.	15.				2010.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
7.	<1.	10.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0085	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/27/89 15:45:00	MBMG	6.79					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
186.	58.2	61.9	6.	6.85	17.5	18.7	17.962		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
3.	<30.	162.	210.				<2.		6.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		38.	<20.	<10.	23.				1980.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
16.	5.	54.	5.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0086	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/27/89 22:00:00	MBMG	6.78		6.73	1424.20	1089.67	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
183.	57.4	61.6	5.6	6.83	17.2	17.7	17.709		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
331.	0.0	542.	34.7	.08	.5		17.729		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	122.	170.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		36.	<20.	<10.	12.				2000.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	<1.	10.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0087	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/28/89 07:00:00	MBMG	6.85		6.80	1409.30	1082.11	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
183.	57.2	61.3	5.4	6.86	17.3	17.8	17.695		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
328.	0.0	537.	34.1	.06	.5		17.562		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	134.	180.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		35.	<20.	<10.	14.				2000.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	<1.	12.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0083	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/28/89 14:00:00	MBMG	6.81					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
187.	59.2	62.1	5.9	6.97	17.7	17.8	18.115		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
3.	<30.	166.	210.				4.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		38.	<20.	<10.	11.				1980.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
12.	6.	52.	<4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0082	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/28/89 14:00:00	MBMG	6.81		6.58	1414.30	1091.43	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
186.	58.	61.6	5.8	6.96	17.7	18.1	17.944		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
326.	0.0	542.	34.1	.07	.5		17.622		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	135.	180.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		35.	<20.	<10.	12.				2020.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	<1.	8.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0088	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/28/89 22:15:00	MBMG	6.77		6.69	1441.00	1088.30	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
183.	57.1	61.2	5.5	6.87	17.4	17.7	17.678		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
329.	0.0	542.	34.9	.05	.5		17.695		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	117.	170.			<100.	2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		35.	<20.	<10.	16.				2000.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	<1.	11.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0089	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/29/89 07:00:00	MBMG	6.78		6.60	1442.00	1084.11	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
182.	56.9	60.8	5.5	6.85	17.3	17.6	17.583		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
335.	0.0	537.	34.6	.03	.5		17.686		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	110.	200.		2.	<100.	2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		35.	<20.	10.	15.				1990.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	<1.	7.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0095	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/29/89 14:00:00	MBMG			6.60			
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
186.	57.8	61.1	5.6	6.80	17.5	17.6	17.890		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
4.	<30.	168.	170.				4.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		37.	<20.	10.	14.				2020.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
11.	4.	56.	<4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0094	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/29/89 14:00:00	MBMG			6.62	1434.00	1090.97	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
187.	57.3	61.	5.5	6.90	17.7	17.1	17.901		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
328.	0.0	541.	35.3	.08	.5		17.676		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	157.	170.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		35.	<20.	<10.	8.				2020.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
6.	3.	12.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0096	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/29/89 22:10:00	MBMG	6.81		6.64	1437.00	1072.91	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
185.	56.8	60.2	5.5	6.8	17.5	17.1	17.708		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
328.	0.0	528.	33.8	.12	.5		17.363		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	120.	160.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		35.	<20.	<10.	9.				2020.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
6.	<1.	12.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0097	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/30/89 06:30:00	MBMG	6.64		6.64	1442.00	1095.47	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
187.	59.1	62.2	5.7	6.96	17.4	17.6	18.103		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
344.	0.0	535.	34.5	.03	.5		17.783		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
4.	<30.	121.	180.			<100.	6.		1.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
6.		36.	<20.	<10.	13.				2000.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
11.	4.	14.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0104	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/30/89 14:00:00	MBMG	6.77					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
188.	59.7	62.8	5.7	7.02	17.8	18.2	18.243		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	183.	220.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		36.	<20.	<10.	20.				2010.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
12.	<1.	52.	<4.		Total Recoverable				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0105	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/30/89 22:50:00	MBMG	6.76		6.71	1434.00	1095.24	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
187.	57.7	61.3	5.5	6.8	17.7	17.3	17.946		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
321.	0.0	548.	35.2	<.02	.6	17.693			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<3.	<30.	112.	200.			<100.	4.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		36.	<20.	<10.	26.				2040.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	2.	14.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0106	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/31/89 07:00:00	MBMG	6.20		6.73	1422.10	1098.14	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
188.	57.8	61.3	6.2	6.8	17.8	17.3	18.030		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
324.	0.0	548.	34.8	.02	.5	17.732			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	115.	160.			<100.	2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		37.	<20.	<10.	25.				2040.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
10.	3.	16.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0120	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/31/89 14:00:00	MBMG	6.79					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
187.	57.7	60.8	5.9	6.77	17.8	17.6	17.930		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
7.	<30.	169.	150.				5.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		40.	<20.	<10.	14.				2030.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
12.	8.	55.	9.		Total Recoverable				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0119	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/31/89 14:00:00	MBMG	6.79		7.13	1413.00	1077.74	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
183.	55.5	59.6	5.4	6.62	17.4	16.7	17.465		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
324.	0.0	538.	35.2	.10	.6		17.543		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	131.	150.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		33.	<20.	<10.	13.				2010.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
3.	<1.	11.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0118	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/31/89 22:00:00	MBMG	6.77		6.84	1414.00	1083.65	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
182.	55.8	59.8	5.2	6.61	17.1	16.9	17.423		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
330.	0.0	542.	35.1	.07	.5		17.720		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	123.	150.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		33.	<20.	<10.	10.				2020.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
5.	<1.	10.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0117	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/1/89 07:10:00	MBMG	6.77		6.67	1412.00	1083.64	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
186.	56.8	61.3	5.5	6.7	17.5	17.1	17.804		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
321.	0.0	539.	35.1	<.02	.5		17.510		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	110.	160.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		34.	<20.	<10.	9.				2050.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
3.	<1.	14.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0133	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/1/89 14:00:00	MBMG	6.77					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
195.	62.	65.	6.1	7.16	18.5	19.1	18.927		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
3.	<30.	204.	210.				<2.		2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		38.	<20.	<10.	24.				2070.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
12.	1.	56.	<4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0132	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/1/89 14:00:00	MBMG	6.77		6.78	1431.00	1091.83	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
184.	56.4	60.9	5.7	6.53	17.4	16.9	17.652		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
316.	0.0	552.	35.7	.02	.6	17.717			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	137.	160.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		34.	<20.	<10.	17.				2040.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
4.	<1.	18.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0131	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/1/89 22:00:00	MBMG	6.82		6.69	1414.00	1088.76	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
182.	55.7	60.	5.5	6.53	17.2	16.6	17.434		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
319.	0.0	552.	35.5	.07	.5	17.761			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	116.	160.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		34.	<20.	<10.	20.				2010.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
5.	<1.	17.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0130	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/2/89 07:00:00	MBMG	6.78					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
188.	59.1	63.6	5.9	6.88	18.2	18.1	18.239		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
3.	<30.	193.	210.				<2.		2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		37.	<20.	<10.	18.				1980.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
9.	4.	57.	<4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0128	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/2/89 07:00:00	MBMG	6.78					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
188.	58.8	64.3	6.2	6.80	18.1	18.1	18.254		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
2.	30.	179.	170.			<.1	<1.		4.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
3.		37.	<20.	<10.	21.				1980.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
10.	4.	59.	<4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0127	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/2/89 07:00:00	MBMG	6.78		6.65	1448.00	1083.94	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
182.	55.4	58.9	5.8	6.67	17.7	16.5	17.398		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
319.	0.0	548.	35.3	.02	.5	17.666			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	126.	150.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		33.	<20.	<10.	6.				2000.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
5.	<1.	12.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0129	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/2/89 07:00:00	MBMG	6.78		6.73	1414.00	1096.91	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
185.	56.2	60.2	5.8	6.78	18.	16.7	17.687		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
319.	0.0	555.	35.5	.07	.5	17.821			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	138.	150.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		33.	<20.	<10.	19.				2040.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
5.	<1.	18.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0139	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/2/89 14:00:00	MBMG	6.79					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
189.	59.7	62.	5.9	7.16	18.5	17.8	18.299		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
6.	40.	160.	200.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
4.		38.	<20.	<10.	20.				1980.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
10.	7.	58.	<4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0138	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/2/89 14:00:00	MBMG	6.79		6.68	1429.00	1099.74	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
184.	57.9	60.6	5.4	7.	17.8	17.5	17.789		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
311.	0.0	560.	35.7	.02	.6	17.797			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	124.	170.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		33.	<20.	<10.	8.				1970.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	<1.	14.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0141	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:		Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:
MBMG		2/2/89 22:00:00		MBMG	6.78		6.79	1452.00	1125.02
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
186.	58.6	60.8	5.7	7.20	18.7	17.5	18.003		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
311.	0.0	580.	36.7	<.02	.6		18.245		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	130.	150.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		34.	<20.	<10.	20.				1980.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
7.	<1.	16.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0140	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:		Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:
MBMG		2/3/89 07:00:00		MBMG	6.72		6.82	1420.00	1104.49
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
186.	58.5	60.1	6.3	7.40	18.6	17.5	17.980		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
312.	0.0	560.	35.8	.08	.5		17.810		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	139.	160.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		34.	<20.	<10.	24.				1980.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
8.	<1.	16.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0147	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:		Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:
MBMG		2/3/89 14:00:00		MBMG	6.65				
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
191.	60.2	60.6	5.8	7.91	19.6	18.4	18.457		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
6.	<30.	184.	160.				5.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
3.		37.	<20.	<10.	17.				2070.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
11.	5.	64.	<4.		Total Recoverable				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0146	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/3/89 14:00:00	MBMG	6.65		6.78	1447.00	1115.46	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
187.	59.1	59.8	5.8	7.75	19.4	17.7	18.108		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
311.	0.0	570.	35.2	<.02	.5	17.993			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	141.	150.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		34.	<20.	<10.	5.				2010.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
8.	<1.	11.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0149	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/3/89 22:00:00	MBMG	6.65		6.79	1473.00	1124.21	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
188.	59.4	59.8	5.8	8.	19.6	17.7	18.210		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
317.	0.0	574.	35.2	.04	.5	18.183			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	141.	160.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		36.	<20.	<10.	11.				2060.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
6.	<1.	15.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0148	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/4/89 07:00:00	MBMG	6.65		6.78	1444.00	1130.77	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
190.	59.5	59.1	5.6	8.25	19.8	17.7	18.301		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
317.	0.0	579.	35.1	.06	.5	18.280			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	127.	190.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		33.	<20.	<10.	13.				2040.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
8.	<1.	7.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0157	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/4/89 15:45:00	MBMG	6.66					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
194.	61.2	60.	5.9	8.43	20.2	18.8	18.716		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
6.	<30.	202.	160.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
4.		37.	<20.	<10.	21.				2040.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
9.	3.	47.	<4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0154	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/4/89 15:45:00	MBMG	6.66		6.77	1456.00	1125.94	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
189.	58.5	57.9	5.8	8.14	20.1	17.4	18.125		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
320.	0.0	576.	34.9	.05	.5	18.255			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	158.	160.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		33.	<20.	<10.	6.				2000.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
6.	<1.	11.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0156	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/4/89 23:00:00	MBMG	6.77		6.83	1486.00	1142.78	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
192.	59.9	59.	5.7	8.43	20.2	17.8	18.465		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
325.	0.0	583.	35.9	.14	.5		18.513		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	129.	180.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		34.	<20.	<10.	21.				2050.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
6.	<1.	11.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0155	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/5/89 07:00:00	MBMG	6.78		6.83	1452.00	1133.01	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
191.	59.3	58.2	5.7	8.36	20.1	17.6	18.317		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
325.	0.0	577.	35.1	.04	.5	18.370			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	128.	160.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		33.	<20.	<10.	11.				2025.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
5.	<1.	9.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0166	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/5/89 14:00:00	MBMG	6.66					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
194.	61.2	59.8	5.7	8.61	20.	17.9	18.709		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	183.	160.				5.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
4.		35.	<20.	<10.	14.				2030.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
9.	1.	75.	<4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0165	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/5/89 14:00:00	MBMG	6.66		6.93	1474.00	1129.72	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
191.	59.4	58.4	5.5	8.34	19.8	17.6	18.316		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
309.4	0.0	582.	34.7	.06	.5	18.199			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	140.	200.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		32.	<20.	<10.	12.				2040.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
6.	<1.	7.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0167	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:		Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:
MBMG		2/5/89 22:00:00		MBMG	6.68		6.68	1450.00	1122.43
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
191.	59.4	58.4	5.5	8.20	19.6	17.5	18.302		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
315.	0.0	573.	34.1	.04	.5		18.092		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	124.	200.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		32.	<20.	<10.	7.				2040.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
7.	<1.	18.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0164	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:		Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:
MBMG		2/6/89 07:00:00		MBMG	6.76		6.79	1442.00	1135.98
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
192.	59.6	58.4	5.5	8.29	19.8	17.6	18.373		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
323.5	0.0	580.	34.9	.02	.5		18.395		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	109.	180.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		32.	<20.	<10.	15.				2050.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
5.	<1.	10.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0172	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:		Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:
MBMG		2/6/89 14:00:00		MBMG	6.74				
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
194.	61.	59.1	5.8	8.30	19.6	18.5	18.627		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
3.	<30.	183.	170.				4.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
5.		36.	<20.	<10.	15.				2040.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
12.	5.	49.	<4.		Total Recoverable				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0171	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/6/89 14:00:00	MBMG	6.74		6.71	1464.00	1119.59	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
191.	58.9	57.9	5.5	8.23	19.6	17.5	18.241		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
318.	0.0	570.	33.8	<.02	.5		18.063		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	145.	180.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		32.	<20.	<10.	9.				2030.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
3.	<1.	8.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0173	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/6/89 22:00:00	MBMG	6.71		6.87	1442.00	1276.84	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
192.	59.2	57.9	5.5	8.21	19.9	175.	18.322		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
321.	0.0	567.	33.5	<.02	.5		18.045		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	126.	190.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		32.	<20.	<10.	12.				2040.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
6.	<1.	5.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0169	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/7/89 03:05:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
<.1	<.1	<.1	<.1	.006	<.001	.3	0		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	.1	<20.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		<2.	<20.	<10.	<4.				<1.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
<1.	<1.	3.	<4.		Total Recoverable				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0168	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/7/89 03:05:00	MBMG			5.46	1.40	0.79	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
.2	<.1	<.1	<.1	<.002	.023	.2	0.011		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
<.1	0.0	.2	.1	.07	<.03	0.003			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	.1	<20.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		<2.	<20.	<10.	<4.				2.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
<1.	1.	<3.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0170	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/7/89 07:00:00	MBMG	6.69		6.71	1462.00	1126.17	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
190.	58.9	57.3	5.3	8.11	19.3	17.4	18.145		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
317.	0.0	579.	34.2	<.02	.5	18.255			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	112.	180.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		30.	<20.	<10.	12.				2020.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
4.	<1.	6.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0180	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/7/89 14:00:00	MBMG	6.68					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
196.	61.3	58.4	6.	8.37	20.2	18.6	18.743		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
4.	<30.	180.	180.				4.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
3.		37.	<20.	<10.	13.				2020.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
11.	5.	54.	<4.		Total Recoverable				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0179	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/7/89 14:00:00	MBMG	6.68		6.68	1439.00	1122.17	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
191.	59.	57.2	5.6	8.18	19.6	17.4	18.218		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
327.	0.0	568.	34.6	<.02	.5		18.196		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	144.	170.			<100.	3.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		33.	<20.	<10.	11.				2020.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
6.	<1.	4.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0181	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/7/89 22:00:00	MBMG	6.69		6.69		1121.40	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
191.	59.	56.7	5.6	8.12	19.5	17.3	18.192		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
327.	0.0	568.	34.6	<.02	.5		18.196		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	117.	180.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		33.	<20.	<10.	10.				2000.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
5.	<1.	<3.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0178	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:		Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:
MBMG		2/8/89 07:00:00		MBMG	6.69		6.70	1472.00	1126.05
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
192.	59.2	57.	5.6	8.18	19.6	17.4	18.268		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
329.	0.0	570.	34.5	<.02	.5		18.263		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	102.	180.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		33.	<20.	<10.	8.				2000.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
4.	<1.	5.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0195	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/8/89 14:00:00	MBMG	6.63					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
198.	62.1	59.	6.	8.34	19.7	18.3	18.924		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
3.	<30.	168.	160.				3.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
3.		38.	<20.	<10.	23.				2070.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
12.	3.	54.	<4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0194	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/8/89 14:00:00	MBMG	6.63		6.75	1482.00	1135.30	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
194.	59.8	57.7	5.7	8.18	19.7	17.5	18.463		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
325.	0.0	576.	36.	.02	.6	18.376			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	117.	170.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		33.	<20.	<10.	8.				2050.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	<1.	6.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0193	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/8/89 22:00:00	MBMG	6.62		6.75		1144.75	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
197.	61.2	58.8	5.8	8.30	19.7	18.	18.791		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
327.	0.0	580.	34.3	.06	.5	18.438			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	137.	180.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		34.	<20.	<10.	11.				2090.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
7.	<1.	6.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0196	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/9/89 07:00:00	MBMG	6.68		6.79	1489.00	1141.89	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
194.	59.9	57.6	5.7	8.15	19.6	17.6	18.468		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
328.	0.0	582.	34.8	.46	.5	18.522			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	116.	170.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		33.	<20.	<10.	11.				2050.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
7.	<1.	6.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0201	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/9/89 14:00:00	MBMG	6.67		6.82	1468.00	1133.06	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
192.	59.1	56.4	5.5	8.03	19.1	17.4	18.202		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
324.	0.0	580.	35.4	.02	.5	18.419			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	113.	170.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		33.	<20.	<10.	12.				2010.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
6.	<1.	5.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0202	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/9/89 14:00:00	MBMG	6.67					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
194.	61.	57.3	6.	8.32	19.5	19.2	18.546		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
6.	<30.	191.	190.				<2.		3.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
5.		38.	<20.	<10.	13.				2040.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
11.	4.	61.	<4.		Total Recoverable				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0203	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/9/89 22:10:00	MBMG	6.65		6.87	1490.00	1131.74	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
191.	58.9	56.	5.6	7.95	18.9	17.5	18.121		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
329.	0.0	578.	35.3	.02	.5		18.456		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	108.	160.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		33.	<20.	<10.	12.				2000.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	<1.	6.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0204	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/10/89 07:00:00	MBMG			6.85	1487.00	1132.49	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
191.	58.9	56.1	5.5	7.90	18.7	17.5	18.111		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
327.	0.0	580.	35.3	<.02	.5		18.466		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	126.	180.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		33.	<20.	<10.	9.				2010.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
6.	<1.	6.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0205	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/10/89 07:00:00	MBMG			6.83	1466.00	1134.46	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
193.	59.2	56.3	5.4	7.96	19.	17.6	18.256		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
327.	0.0	580.	34.4	<.02	.5		18.440		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	103.	190.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		34.	<20.	<10.	9.				2010.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
9.	<1.	14.	<4.		Dissolved				

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Gwic Id: 4782	Sample Id: 1989Q0207	Site Name: TRAVONA MINE * BUTTE MT					Type: MINE		
Agency: MBMG	Td:	Sample Date: 2/10/89 14:35:00	Lab: MBMG	Field Ph: 6.66	Temp C:	Lab Ph: 6.97	Lab Sc: 1496.00	Tds Mgl: 1149.69	
Ca Mgl: 196.	Mg Mgl: 61.2	Na Mgl: 57.6	K Mgl: 5.9	Fe Mgl: 8.10	Mn Mgl: 19.5	Sio2 Mgl: 18.6	Total Cations Meq/L: 18.673		
Hco3 Mgl: 328.	Co3 Mgl: 0.0	So4 Mgl: 585.	Cl Mgl: 35.7	No3-N Mgl: <.02	F Mgl: .5	Total Anions Meq/L: 18.607			
Ag Ugl: <2.	Al Ugl: <30.	As Ugl: 155.	B Ugl: 170.	Ba Ugl:	Be Ugl:	Br ugl: <100.	Cd Ugl: 2.	Co Ugl:	Cr Ugl: <2.
Cu Ugl: <2.	Hg Ugl:	Li Ugl: 36.	Mo Ugl: <20.	Ni Ugl: <10.	Pb Ugl: 13.	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl: 2050.
Ti Ugl: 11.	V Ugl: <1.	Zn Ugl: 17.	Zr Ugl: <4.	TI Ugl:	Procedure Type: Dissolved				

Gwic Id: 4782	Sample Id: 1989Q0208	Site Name: TRAVONA MINE * BUTTE MT					Type: MINE		
Agency: MBMG	Td:	Sample Date: 2/10/89 14:35:00	Lab: MBMG	Field Ph: 6.66	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
Ca Mgl: 194.	Mg Mgl: 60.7	Na Mgl: 57.	K Mgl: 5.9	Fe Mgl: 7.90	Mn Mgl: 19.1	Sio2 Mgl: 18.1	Total Cations Meq/L: 18.478		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl: 6.	Al Ugl: <30.	As Ugl: 189.	B Ugl: 230.	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl: <2.	Co Ugl:	Cr Ugl: <2.
Cu Ugl: 16.	Hg Ugl:	Li Ugl: 39.	Mo Ugl: <20.	Ni Ugl: <10.	Pb Ugl: 14.	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl: 2030.
Ti Ugl: 12.	V Ugl: 6.	Zn Ugl: 66.	Zr Ugl: 5.	TI Ugl:	Procedure Type: Total Recoverable				

Gwic Id: 4782	Sample Id: 1989Q0209	Site Name: TRAVONA MINE * BUTTE MT					Type: MINE		
Agency: MBMG	Td:	Sample Date: 2/10/89 22:00:00	Lab: MBMG	Field Ph: 6.74	Temp C:	Lab Ph: 6.95	Lab Sc: 1493.00	Tds Mgl: 1145.07	
Ca Mgl: 195.	Mg Mgl: 60.5	Na Mgl: 57.1	K Mgl: 5.7	Fe Mgl: 8.	Mn Mgl: 19.2	Sio2 Mgl: 18.4	Total Cations Meq/L: 18.516		
Hco3 Mgl: 331.8	Co3 Mgl: 0.0	So4 Mgl: 582.	Cl Mgl: 35.2	No3-N Mgl: .02	F Mgl: .5	Total Anions Meq/L: 18.583			
Ag Ugl: <2.	Al Ugl: <30.	As Ugl: 147.	B Ugl: 190.	Ba Ugl:	Be Ugl:	Br ugl: <100.	Cd Ugl: <2.	Co Ugl:	Cr Ugl: <2.
Cu Ugl: <2.	Hg Ugl:	Li Ugl: 35.	Mo Ugl: <20.	Ni Ugl: <10.	Pb Ugl: 12.	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl: 2060.
Ti Ugl: 7.	V Ugl: <1.	Zn Ugl: <3.	Zr Ugl: <4.	TI Ugl:	Procedure Type: Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0210	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/11/89 07:00:00	MBMG	6.75		6.89	1490.00	1151.91	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
195.	60.4	57.1	5.8	7.97	19.1	18.3	18.500		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
333.	0.0	588.	35.7	<.02	.5		18.747		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	133.	170.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		34.	<20.	<10.	11.				2060.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
6.	<1.	3.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0216	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/11/89 14:00:00	MBMG	6.75					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
194.	60.6	56.5	5.8	7.85	18.8	18.6	18.434		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	185.	200.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
3.		37.	<20.	<10.	17.				2030.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
11.	1.	61.	<4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0215	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/11/89 14:00:00	MBMG	6.75		6.73	1459.00	1143.00	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
194.	59.9	56.4	5.7	7.91	19.1	18.2	18.376		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
326.	0.0	586.	34.7	<.02	.5		18.559		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	136.	170.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		35.	<20.	<10.	<4.				2030.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	<1.	<3.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0217	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/11/89 22:00:00	MBMG	6.76		6.96	1455.00	1140.44	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
194.	59.8	56.3	5.6	7.85	19.	18.2	18.351		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
326.	0.0	583.	35.6	<.02	.5		18.514		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	114.	160.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		34.	<20.	<10.	5.				2040.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
5.	<1.	3.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0218	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/12/89 08:00:00	MBMG	6.74		6.83	1449.00	1135.36	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
193.	59.3	55.7	5.7	7.79	18.8	18.1	18.228		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
329.	0.0	579.	35.4	<.02	.5		18.479		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	115.	170.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		35.	<20.	<10.	7.				2020.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
6.	<1.	3.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0224	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/12/89 14:25:00	MBMG	6.74					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
196.	61.2	56.5	5.8	7.90	18.8	19.1	18.586		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
3.	<30.	189.	160.				2.		2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
8.		38.	<20.	<10.	6.				2030.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
12.	3.	74.	<4.		Total Recoverable				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0223	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/12/89 14:25:00	MBMG	6.74		6.64	1476.00	1126.86	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
194.	59.6	55.6	5.6	7.80	18.8	18.2	18.289		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
331.	0.0	569.	34.7	<.02	.5		18.289		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<4.	<30.	143.	160.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		36.	<20.	<10.	6.				2020.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	<1.	5.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0225	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/12/89 22:00:00	MBMG	6.77		6.86	1482.00	1134.70	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
194.	59.7	55.6	5.6	7.79	18.8	18.2	18.298		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
328.	0.0	577.	35.9	.03	.5		18.443		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	107.	160.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		34.	<20.	<10.	10.				2030.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	<1.	4.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0226	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/13/89 07:00:00	MBMG	6.72		6.68	1478.00	1135.65	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
193.	59.5	55.4	5.6	7.74	18.5	18.2	18.215		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
324.	0.0	581.	36.6	<.02	.5		18.472		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	114.	150.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		35.	<20.	<10.	8.				2020.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
7.	<1.	5.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:	Type:						
4782	1989Q0236	TRAVONA MINE * BUTTE MT	MINE						
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/13/89 14:00:00	MBMG	6.73		6.68	1438.90	1146.39	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
207.	57.9	56.2	6.2	7.43	18.8	17.3	18.816		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
331.	0.0	577.	35.	<.02	.5	18.467			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	124.	200.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		36.	<20.	10.	<4.				1890.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
10.	<1.	4.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:	Type:						
4782	1989Q0237	TRAVONA MINE * BUTTE MT	MINE						
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/13/89 14:00:00	MBMG	6.73					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
209.	58.6	56.7	6.2	7.51	19.4	17.6	19.035		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
4.	<30.	180.	210.				<2.		6.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
8.		40.	<20.	<10.	14.				1910.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
14.	9.	61.	5.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:	Type:						
4782	1989Q0238	TRAVONA MINE * BUTTE MT	MINE						
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/13/89 22:00:00	MBMG	6.70		6.71	1453.80	1143.84	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
205.	57.4	55.7	6.2	7.28	18.7	17.2	18.645		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
334.	0.0	576.	35.3	.02	.5	18.496			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	117.	170.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		37.	<20.	<10.	<4.				1890.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
10.	<1.	3.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0239	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/14/89 07:00:00	MBMG	6.71		6.71	1438.90	1145.88	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
206.	57.7	55.8	6.4	7.35	18.6	17.4	18.735		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
335.	0.0	576.	35.1	<.02	.5		18.510		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	122.	160.			<100.	4.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
2.		37.	<20.	<10.	10.				1890.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
10.	<1.	<3.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0244	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/14/89 09:45:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
12.	2.6	22.2	1.9	.006	.83	9.	1.862		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	.5	150.				2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
2.		17.	<20.	<10.	<4.				100.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
1.	<1.	6.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0246	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/14/89 10:18:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
126.	42.3	54.5	4.9	<.002	5.93	12.6	12.516		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	2.1	200.				2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		33.	<20.	40.	<4.				1320.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
15.	<1.	<3.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:								Type:
4782	1989Q0248	TRAVONA MINE * BUTTE MT								MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:		
MBMG		2/14/89 10:55:00	MBMG							
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:			
6.4	2.1	4.4	.4	.003	.50	.8	0.710			
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:				
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:	
<2.	<30.	.5	110.				<2.		<2.	
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:	
4.		3.	<20.	<10.	4.				68.	
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:					
7.	1.	4.	<4.		Dissolved					

Gwic Id:	Sample Id:	Site Name:								Type:
4782	1989Q0249	TRAVONA MINE * BUTTE MT								MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:		
MBMG		2/14/89 11:20:00	MBMG							
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:			
7.6	2.6	5.8	.6	.015	.52	1.	0.882			
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:				
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:	
<2.	<30.	.9	120.				5.		<2.	
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:	
3.		5.	<20.	<10.	<4.				81.	
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:					
9.	3.	6.	<4.		Dissolved					

Gwic Id:	Sample Id:	Site Name:								Type:
4782	1989Q0250	TRAVONA MINE * BUTTE MT								MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:		
MBMG		2/14/89 11:45:00	MBMG							
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:			
178.	54.9	63.6	6.1	.023	8.38		16.678			
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:				
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:	
<2.	<30.	6.2	190.				4.		<2.	
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:	
4.		38.	<20.	<10.	<4.				1840.	
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:					
15.	1.	5.	<4.		Dissolved					

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0258	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/14/89 14:00:00	MBMG	6.73					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
230.	65.	62.	7.2	8.25	21.5	19.9	20.990		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
6.	30.	204.	200.				<2.		6.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
17.		46.	<20.	<10.	<4.				2110.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
13.	8.	71.	<4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0257	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/14/89 14:00:00	MBMG	6.73		7.02	1477.00	1143.75	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
206.	57.5	55.5	6.3	7.36	18.6	17.3	18.695		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
340.	0.0	572.	35.2	<.02	.5	18.503			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	126.	180.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		38.	<20.	<10.	<4.				1900.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
11.	<1.	4.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0256	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/14/89 22:00:00	MBMG	6.75		7.22	1484.00	1142.42	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
207.	57.8	55.5	6.5	7.36	18.6	17.5	18.785		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
338.7	0.0	570.	34.8	<.02	.5	18.432			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
2.	<30.	128.	170.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
4.		20.		<10.	<4.				1890.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
10.	5.	5.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0269	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/15/89 16:30:00	MBMG	6.77					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
208.	58.1	54.4	6.2	7.35	19.	16.7	18.821		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
2.	<30.	191.	150.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
6.		40.	<20.	10.	15.				1850.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
11.	6.	64.	<4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0268	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/15/89 16:30:00	MBMG	6.77		6.54	1461.00	1140.83	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
207.	57.8	55.	6.2	7.25	18.4	17.4	18.742		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
328.	0.0	575.	34.5	.10	.5	18.363			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	148.	160.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		38.	<20.	<10.	10.				1890.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
10.	<1.	7.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0267	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/15/89 16:30:00	MBMG	6.77					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
209.	58.5	55.2	6.6	8.21	19.1	16.9	18.995		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
6.	40.	186.	210.				<2.		3.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
10.		40.	<20.	20.	18.				1870.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
10.	2.	72.	<4.		Total Recoverable				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0266	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/15/89 16:30:00	MBMG	6.77		6.56	1442.00	1156.35	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
212.	57.6	54.8	6.7	7.37	18.6	17.5	18.992		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
340.	0.0	578.	35.6	.02	.5		18.644		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
15.	60.	147.	180.			<100.	8.		12.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
10.		40.	30.	20.	10.				1860.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
15.	19.	7.	27.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0270	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/15/89 22:00:00	MBMG	6.77		6.64	1469.00	1152.33	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
209.	58.3	55.3	6.3	7.3	18.6	17.6	18.912		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
338.	0.0	577.	35.5	.02	.5		18.601		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
3.	<30.	126.	180.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
3.		40.	<20.	<10.	10.				1892.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	3.	8.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0259	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/16/89 07:00:00	MBMG	6.76		7.10	1485.00	1150.15	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
207.	57.6	54.8	6.4	7.34	18.5	17.3	18.720		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
338.	0.0	579.	35.2	<.02	.5		18.623		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	130.	160.			<100.	4.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
3.		38.	<20.	<10.	<4.				1880.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
9.	3.	5.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0271	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/16/89 07:00:00	MBMG	6.76		6.74	1469.00	1144.43	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
208.	57.6	54.3	6.2	7.24	18.4	17.4	18.742		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
330.	0.0	576.	36.1	.02	.5		18.458		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
2.	<30.	119.	170.			<100.	3.		2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
3.		39.	<20.	<10.	8.				1870.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
10.	5.	7.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0273	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/16/89 14:00:00	MBMG	6.73					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
211.	58.8	55.1	6.3	7.24	19.1	17.2	19.058		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	169.	180.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		40.	<20.	10.	21.				1860.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
9.	3.	61.	<4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0272	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/16/89 14:00:00	MBMG	6.73		6.63	1448.00	1148.65	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
208.	57.3	54.4	6.1	7.2	18.4	17.3	18.730		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
333.	0.0	580.	35.3	<.02	.6		18.566		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	113.	160.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		37.	<20.	<10.	9.				1880.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	<1.	6.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0275	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/16/89 22:00:00	MBMG			6.67	1454.00	1145.29	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
206.	56.7	53.4	6.	7.13	18.1	17.1	18.504		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
335.	0.0	580.	35.2	.03	.5		18.593		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	128.	180.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		38.	<20.	<10.	10.				1860.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
10.	2.	6.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0274	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/17/89 07:15:00	MBMG	6.77		6.63	1464.00	1149.54	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
206.	56.7	53.2	6.	7.1	18.	17.	18.488		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
336.	0.0	584.	35.4	.02	.5		18.699		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	130.	180.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		38.	<20.	<10.	6.				1850.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	<1.	6.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0287	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/17/89 14:00:00	MBMG	6.76					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
210.	58.6	54.4	6.4	7.21	19.	16.2	18.953		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
4.	<30.	172.	140.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
2.		41.	<20.	<10.	20.				1840.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
10.	6.	62.	<4.		Total Recoverable				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0286	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/17/89 14:00:00	MBMG	6.76		6.59	1470.00	1126.66	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
202.	56.2	53.	5.9	7.	18.	16.9	18.233		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
332.	0.0	567.	36.3	.21	.6		18.304		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	103.	170.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		39.	<20.	<10.	10.		.1		1820.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
9.	<1.	4.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0285	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/17/89 22:15:00	MBMG	6.77		6.77	1458.00	1136.75	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
207.	57.5	54.	6.2	7.11	18.3	17.3	18.660		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
335.	0.0	568.	35.8	.02	.5		18.360		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	100.	170.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		40.	<20.	<10.	11.		<.1		1850.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	1.	<3.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0284	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/18/89 07:00:00	MBMG	6.72		6.90	1458.00	1133.70	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
206.	57.2	53.3	6.2	7.06	18.2	17.4	18.553		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
337.	0.0	567.	34.8	.03	.5		18.342		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<1.	<30.	104.	180.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
2.		40.	<20.	<10.	7.				1860.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
11.	3.	3.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0292	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/18/89 14:00:00	MBMG	6.72					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
210.	58.7	54.3	6.6	7.17	18.7	16.9	18.951		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
5.	<30.	172.	220.				<2.		3.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
21.		43.	<20.	<10.	29.				1840.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
10.	5.	71.	8.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0291	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/18/89 14:00:00	MBMG	6.72		7.01	1467.00	1140.57	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
205.	57.	53.5	6.1	7.03	18.1	17.4	18.489		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
336.	0.0	574.	36.4	.02	.5	18.527			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	118.	150.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		39.	<20.	<10.	8.				1840.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
9.	<1.	<3.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0294	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/18/89 22:00:00	MBMG	6.71		6.99	1460.00	1141.12	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
206.	57.2	53.8	5.9	7.08	18.2	17.3	18.564		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
337.	0.0	573.	36.1	.03	.5	18.508			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	111.	140.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		40.	<20.	<10.	17.				1850.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	<1.	<3.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0293	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/19/89 07:00:00	MBMG	6.70		6.91	1454.00	1130.63	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
206.	57.1	53.6	6.	7.09	18.1	17.4	18.542		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
336.	0.0	564.	35.3	.02	.5		18.286		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	106.	160.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		40.	<20.	<10.	21.				1850.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
7.	<1.	<3.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0302	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/19/89 14:00:00	MBMG	6.69					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
210.	58.8	54.7	6.7	7.15	18.4	17.4	18.971		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
5.	30.	168.	180.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		45.	<20.	<10.	18.				1840.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
12.	7.	53.	8.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0301	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/19/89 14:00:00	MBMG	6.69		7.00	1466.00	1125.07	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
202.	55.7	52.5	5.8	6.87	17.4	17.	18.134		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
339.	0.0	564.	36.3	<.02	.5		18.364		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	96.	170.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		39.	<20.	<10.	5.				1820.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
7.	<1.	<3.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0303	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/19/89 22:00:00	MBMG	6.70		6.94	1458.00	1123.29	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
201.	55.6	53.1	5.9	6.88	17.3	16.9	18.112		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
337.	0.0	565.	35.1	<.02	.5		18.310		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	104.	150.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		39.	<20.	<10.	7.				1840.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
7.	<1.	<3.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0304	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/20/89 07:00:00	MBMG	6.69		6.98	1426.00	1116.17	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
200.	55.6	53.7	6.	6.83	17.1	17.	18.081		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
337.	0.0	558.	35.4	.03	.5		18.169		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	106.	160.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		39.	<20.	<10.	4.				1850.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	<1.	<3.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0306	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/20/89 14:00:00	MBMG	6.69					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
203.	56.9	54.6	6.5	6.87	17.5	17.	18.409		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
6.	<30.	152.	170.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
4.		41.	<20.	20.	21.				1810.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
10.	8.	61.	7.		Total Recoverable				

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Gwic Id:	Sample Id:	Site Name:	Type:						
4782	1989Q0305	TRAVONA MINE * BUTTE MT	MINE						
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/20/89 14:00:00	MBMG	6.69		6.51	1443.00	1109.61	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
198.	54.8	53.2	6.	6.71	16.8	16.8	17.864		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
328.	0.0	560.	35.2	.02	.5	18.063			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	117.	160.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		38.	<20.	<10.	9.				1830.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	<1.	<3.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:	Type:						
4782	1989Q0308	TRAVONA MINE * BUTTE MT	MINE						
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/20/89 21:00:00	MBMG	6.71					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
206.	57.9	55.6	6.6	6.91	17.6	17.	18.686		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
8.	<30.	152.	140.				2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
4.		41.	<20.	<10.	18.				1840.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
12.	7.	64.	5.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:	Type:						
4782	1989Q0307	TRAVONA MINE * BUTTE MT	MINE						
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/20/89 21:00:00	MBMG	6.71		6.76	1442.00	1109.64	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
199.	54.9	53.4	5.9	6.72	16.8	16.8	17.935		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
336.	0.0	555.	35.	.10	.5	18.087			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	120.	140.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		38.	<20.	<10.	5.				1840.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	<1.	<3.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0309	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/21/89 07:00:00	MBMG	6.72		6.89	1439.00	1109.57	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
197.	54.5	53.6	5.8	6.71	16.6	16.7	17.796		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
327.	0.0	561.	35.8	.18	.6		18.090		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	120.	150.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		38.	<20.	<10.	<4.				1840.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
6.	<1.	<3.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0317	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/21/89 14:00:00	MBMG	6.70					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
207.	57.7	55.6	5.9	6.93	17.	16.8	18.690		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
3.	40.	164.	110.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		39.	<20.	<10.	17.				1900.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
11.	8.	59.	<4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0316	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/21/89 14:00:00	MBMG	6.70		6.68	1410.00	1112.13	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
201.	55.4	54.4	5.4	6.73	16.5	17.3	18.106		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
327.	0.0	558.	35.8	.02	.5		18.020		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	138.	170.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		36.	<20.	<10.	12.				1870.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
6.	<1.	<3.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0315	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/21/89 22:00:00	MBMG	6.69		6.67	1422.00	1114.62	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
201.	55.9	55.2	5.4	6.72	16.4	17.5	18.171		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
323.	0.0	561.	35.5	.08	.7		18.021		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	109.	170.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		38.	<20.	<10.	<4.				1880.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
9.	<1.	3.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0319	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/22/89 07:00:00	MBMG	6.77		6.79	1408.00	1099.04	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
199.	55.2	54.7	5.3	6.65	16.2	17.3	17.980		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
327.	0.0	548.	35.1	<.02	.5		17.790		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	110.	180.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		37.	<20.	<10.	11.				1870.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
7.	<1.	3.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0329	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:		Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:
MBMG		2/22/89 14:00:00		MBMG	6.75				
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
201.	56.3	51.2	5.5	6.64	16.3	15.8	18.024		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	155.	170.				<2.		3.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		39.	<20.	<10.	7.				1870.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
13.	6.	49.	<4.		Total Recoverable				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0328	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/22/89 14:00:00	MBMG	6.75		6.80	1406.00	1107.51	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
202.	56.	55.4	5.2	6.78	16.4	17.5	18.235		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
324.	0.0	552.	36.	.02	.6	17.856			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	112.	150.			<100.	2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		38.	20.	<10.	<4.				1910.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
7.	2.	3.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0327	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/22/89 14:00:00	MBMG	6.75					
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
206.	57.4	52.	5.5	6.84	16.8	16.3	18.424		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
2.	<30.	159.	200.				<2.		2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		39.	<20.	<10.	9.				1910.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
13.	6.	48.	<4.		Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0326	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/22/89 14:00:00	MBMG	6.75		6.83	1410.00	1126.39	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
204.	56.2	55.5	5.4	6.78	16.6	17.6	18.362		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
326.	0.0	568.	35.2	.02	.5	18.193			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	108.	150.			<100.	3.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		38.	<20.	<10.	7.				1910.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
8.	1.	3.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0433	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		4/7/89 18:55:00	MBMG	6.89		6.45	1384.60	1018.90	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
172.	51.	66.8	4.9	1.47	11.7	16.5	16.373		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
304.	0.0	506.	38.1	.07	.5		16.625		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	82.	200.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
2.		41.	<20.	<10.	<40.				1970.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
8.	<1.	100.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0432	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		4/7/89 19:20:00	MBMG	6.86		6.97	1404.40	997.07	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
171.	50.8	67.	5.	4.29	11.5	16.3	16.444		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
309.	0.0	481.	37.4	.06	.5		16.165		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	134.	200.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		41.	<20.	<10.	<40.				1980.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
9.	<1.	6.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0245	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		4/14/89 09:59:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
17.5	3.7	33.1	3.	<.002	1.24	11.1	2.738		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	.6	150.				3.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
3.		23.	<20.	<10.	<4.				150.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
1.	<1.	3.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0247	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		4/14/89 10:34:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
162.	52.2	63.2	5.8	.004	7.50	13.4	15.592		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	2.6	180.				2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
3.		38.	<20.	70.	5.				1700.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
16.	<1.	3.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q0527	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		4/26/89 15:27:00	MBMG	5.81		6.99	1438.00	1011.08	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
173.	50.	67.8	5.1	4.28	12.1	15.9	16.552		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
307.	0.0	494.	36.2	.47	.4	16.371			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	143.	20.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
4.		60.	<20.	<10.	<40.				1920.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
5.	<1.	590.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q1151	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		8/9/89 20:00:00	MBMG	6.88		6.97	1399.20	1029.11	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
179.	51.1	66.	5.4	4.64	12.84	17.9	16.917		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
322.1	0.0	495.	37.7	.053	.7	16.694			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<4.	<40.	106.	190.			<100.	<5.		<5.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<4.		43.	<40.	<20.	<40.				2090.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
<4.	<4.	110.	<6.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:							Type:
4782	1989Q1544	TRAVONA MINE * BUTTE MT							MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
FS		11/28/89 00:00:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
		136.							
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
					Biologically Availab				

Gwic Id:	Sample Id:	Site Name:							Type:
4782	1989Q1543	TRAVONA MINE * BUTTE MT							MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
FS		11/28/89 00:00:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
		94.							
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
					Biologically Availab				

Gwic Id:	Sample Id:	Site Name:							Type:
4782	1989Q1542	TRAVONA MINE * BUTTE MT							MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
FS		11/28/89 00:00:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
		48.							
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
					Biologically Availab				

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Gwic Id:	Sample Id:	Site Name:								Type:
4782	1989Q1541	TRAVONA MINE * BUTTE MT								MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:		
FS		11/28/89 00:00:00	MBMG							
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:			
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:				
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:	
		108.								
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:	
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:					
					Biologically Availab					

Gwic Id:	Sample Id:	Site Name:								Type:
4782	1989Q1540	TRAVONA MINE * BUTTE MT								MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:		
FS		11/28/89 00:00:00	MBMG							
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:			
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:				
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:	
		140.								
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:	
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:					
					Biologically Availab					

Gwic Id:	Sample Id:	Site Name:								Type:
4782	1989Q1539	TRAVONA MINE * BUTTE MT								MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:		
FS		11/28/89 00:00:00	MBMG							
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:			
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:				
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:	
		171.								
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:	
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:					
					Biologically Availab					

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Gwic Id:	Sample Id:	Site Name:							Type:
4782	1989Q1538	TRAVONA MINE * BUTTE MT							MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
FS		11/28/89 00:00:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
		157.							
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
					Biologically Availab				

Gwic Id:	Sample Id:	Site Name:							Type:
4782	1989Q1548	TRAVONA MINE * BUTTE MT							MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
IDF		12/5/89 09:00:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
186.	53.0	61.7	5.9	3.39	12.25	17.0	17.154		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<4.	89.	117.	186.	140.			<5.		<5.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<4.		37.	<40.	<20.					1980.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
<4.	4.	37.	<6.	Total Recoverable					

Gwic Id:	Sample Id:	Site Name:							Type:
4782	1989Q1547	TRAVONA MINE * BUTTE MT							MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
IDF		12/5/89 09:00:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
				<.004	8.09				
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
		19.							
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
					Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q1546	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
IDF		12/5/89 09:00:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
				.003	6.35				
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
		201.							
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
					Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1989Q1545	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
IDF		12/5/89 09:00:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
				.004	4.55				
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
		148.							
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
					Total Recoverable				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1990Q0004	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		12/29/89 14:40:00	MBMG	6.57		7.54	1313.00	1049.23	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
187.	54.53	58.85	6.08	5.583	14.36	17.6	17.413		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
312.	0.0	514.	35.	1.66	0.8		16.877		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<4.	38.	180.	193.	21.		<100.	<5.		<5.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
8.		38.	<40.	<20.	<50.				1980.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
15.	<4.	25.	<6.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:								Type:
4782	1990Q0018	TRAVONA MINE * BUTTE MT								MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:		
FS		1/16/90 13:00:00	MBMG							
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:			
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:				
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:	
		377.								
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:	
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:					
					Dissolved					

Gwic Id:	Sample Id:	Site Name:								Type:
4782	1990Q0017	TRAVONA MINE * BUTTE MT								MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:		
FS		1/16/90 13:00:00	MBMG							
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:			
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:				
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:	
		74.								
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:	
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:					
					Dissolved					

Gwic Id:	Sample Id:	Site Name:								Type:
4782	1990Q0020	TRAVONA MINE * BUTTE MT								MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:		
FS		1/16/90 15:00:00	MBMG							
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:			
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:				
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:	
		379.								
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:	
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:					
					Dissolved					

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Gwic Id:	Sample Id:	Site Name:								Type:
4782	1990Q0019	TRAVONA MINE * BUTTE MT								MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:		
FS		1/16/90 15:00:00	MBMG							
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:			
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:				
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:	
79.										
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:	
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:					
Dissolved										

Gwic Id:	Sample Id:	Site Name:								Type:
4782	1990Q0016	TRAVONA MINE * BUTTE MT								MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:		
FS		1/17/90 10:30:00	MBMG							
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:			
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:				
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:	
67.										
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:	
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:					
Dissolved										

Gwic Id:	Sample Id:	Site Name:								Type:
4782	1990Q0015	TRAVONA MINE * BUTTE MT								MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:		
FS		1/17/90 12:30:00	MBMG							
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:			
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:				
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:	
75.										
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:	
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:					
Dissolved										

Ground-Water Information Center - All Parameters Report - Montana Bureau of Mines and Geology

Gwic Id:	Sample Id:	Site Name:							Type:
4782	1990Q0032	TRAVONA MINE * BUTTE MT							MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
FS		2/3/90 19:00:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
		58.							
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
					Dissolved				

Gwic Id:	Sample Id:	Site Name:							Type:
4782	1990Q0031	TRAVONA MINE * BUTTE MT							MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
FS		2/7/90 20:00:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
		60.							
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
					Dissolved				

Gwic Id:	Sample Id:	Site Name:							Type:
4782	1990Q0033	TRAVONA MINE * BUTTE MT							MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
FS		2/22/90 15:00:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
67.18	20.29	45.17	5.07	0.006	3.962	12.6	7.274		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<4.	49.	36.	196.	<10.			<5.		<5.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
15.		37.	<40.	20.	118.				671.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
<4.	<4.	9.	<6.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1990Q0034	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
FS		2/22/90 16:00:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
75.01	28.04	48.63	5.37	0.007	4.525	12.8	8.494		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
4.	<40.	41.	177.	<10.			<5.		5.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
18.		39.	<40.	29.	<50.				776.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
6.	<4.	15.	<6.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1990Q0043	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/28/90 13:10:00	MBMG	6.45		7.21	1450.10	1064.64	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
188.	54.2	53.58	6.09	6.106	14.94	17.6	17.256		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
308.	0.0	530.	38.3	<0.06	4.	17.380			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<4.	71.	153.	161.	24.		<100.	<5.		<5.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
5.		41.	<40.	<20.	<50.				1980.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
13.	6.	19.	<6.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1990Q0101	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		4/25/90 15:00:00	MBMG	6.85		6.88	1855.00	1047.57	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
186.7	54.94	56.32	6.08	5.92	13.5	17.2	17.305		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
307.	0.0	518.	36.8	0.06	0.8	16.898			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<4.	<40.	192.	187.	22.		<100.	<5.		<5.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<4.		42.	<40.	<20.	<50.				2000.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
9.	<4.	15.	<6.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:								Type:
4782	1991Q0859	TRAVONA MINE * BUTTE MT								MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:		
BSB		8/28/91 00:00:00	MBMG							
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:			
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:				
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:	
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:	
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:					
					TOTAL RECOVERAB					

Gwic Id:	Sample Id:	Site Name:								Type:
4782	1992Q2174	TRAVONA MINE * BUTTE MT								MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:		
BSB		12/17/92 00:00:00	MBMG							
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:			
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:				
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:	
		188.								
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:	
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:					
					TOTAL					

Gwic Id:	Sample Id:	Site Name:								Type:
4782	1992Q2173	TRAVONA MINE * BUTTE MT								MINE
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:		
BSB		12/17/92 00:00:00	MBMG							
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:			
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:				
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:	
		167.								
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:	
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:					
					DISSOLVED					

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1994Q0223	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
		1/1/00 00:00:00	MBMG						
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
		159.							
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
					TOTAL				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1983Q0226	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		4/28/83 13:25:00	MBMG	7.00		7.00	1198.00	851.38	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
134.	41.6	85.2	4.7	1.25	2.15	15.9	14.282		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
299.	0.0	372.	41.4	3.8	.68		13.918		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<1.	1300.	97.	100.				<2.		2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
24.		69.	<20.	<10.	<40.				2160.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
17.	2.	81.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1983Q1090	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		10/13/83 15:15:00	MBMG	6.65		7.24	1210.00	807.83	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
126.	39.9	78.6	4.1	1.11	2.20	15.8	13.277		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
303.	0.0	344.	44.9	1.3	.6		13.457		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	80.	120.				<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
15.		62.	<20.	10.	<40.				2030.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
10.	<1.	41.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1996Q0552	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		10/27/95 12:50:00	MBMG	6.83		7.92	1314.00	1022.05	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
193.2	55.2	47.2	5.9	2.95	7.1	19.5	16.837		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
346.5	0.0	480.	40.	<.05	.3	16.828			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<1.	<30.	139.8	244.	23.4		100.	<2.	<2.	<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.	<.1	42.	<10.	4.7	<2.	<2.	<1.		1808.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
<10.	<5.	6.7	49.		DISSOLVED				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1997Q0569	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		12/9/96 00:00:00	MBMG	6.61		7.90	1300.00	956.65	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
176.5	54.2	45.2	5.8	2.76	6.4	19.4	15.810		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
327.0	0.0	443.0	42.3	<.05	<1.	15.783			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<1.	<30.	141.6	231.7	25.3	<2.	<250.	<2.	<2.	2.4
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		51.	<10.	7.7	<2.	<2.	<1.		1695.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
<10.	<5.	5.7	<20.		DISSOLVED				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1997Q0643	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		2/14/97 11:14:00	MBMG	6.38		8.10	1271.00	1065.77	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
198.1	56.2	47.0	6.4	3.7	6.6	20.9	17.189		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
335.7	0.0	515.7	45.8	<.05		17.532			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<1.	<30.	134.7	233.1	25.0	<2.	<100.	<2.	<2.	2.7
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		46.	<10.	6.9	<2.	<2.	2.1		1741.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
<10.	<5.	3.8	<20.		DISSOLVED				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4782	1998Q0690	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		12/30/97 12:45:00	MBMG	6.76		6.96	1424.00	1047.65	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
141.5	44.99	32.1	6.63	1.006	2.144	22.1	12.507		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
123.6	0.0	717.0	17.5	<.25	1.14	17.524			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<1.	165.9	24.9	49.4	35.0	<2.	<500.	<2.	3.1	<10.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.		16.1	19.4	<5.	<2.	<2.	<1.		528.9
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
<10.	<5.	488.4	<5.		DISSOLVED				

Gwic Id:	Sample Id:	Site Name:					Type:		
4782	2000Q0602	TRAVONA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		1/11/00 14:25:00	MBMG	6.88		12.8	6.85	1168.00	948.08
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
182	48.1	49.1	5.97	2.03	5.85	20.2	15.691		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:	Total Anions Meq/L:			
331.4	0.0	431.1	40.47	<.5	<.5	15.552			
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<1	<30	131	265	30.3	<2	<500	<2	<2	<2
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2		44.0	<10	24.2	<2	<2	<1		1690
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
<50	<5	11.3	<25	<5	DISSOLVED				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4818	1988Q1525	EMMA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		10/31/88 14:50:00	MBMG	6.64		6.83	1600.00	1260.74	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
228.	66.2	45.1	7.9	12.9	20.8	21.2	20.549		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
361.	0.0	641.	37.1	.11	.4		20.337		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
2.	<30.	161.	120.			<100.	12.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
8.		48.	<20.	<10.	<40.				1840.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
13.	<1.	2190.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4818	1989Q0430	EMMA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		4/7/89 17:30:00	MBMG	6.67		6.60	1580.00	1249.95	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
222.	66.3	43.2	6.7	8.68	20.3	19.1	19.920		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
316.	0.0	667.	37.2	.07	.7		20.169		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	147.	140.			<100.	6.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
50.		39.	<20.	<10.	70.				1650.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
15.	<1.	2780.	<4.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4818	1989Q1156	EMMA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		8/8/89 14:45:00	MBMG	6.65		7.39	1443.70	1165.04	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
213.	62.8	41.7	6.71	10.3	17.7	18.0	19.081		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
332.	0.0	627.	1.0	0.08	1.0		18.578		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<2.	<30.	126.	<20.			<100.	<2.		<2.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
3.		36.		40.	<40.				1620.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
9.	<1.	2200.	<4.		Dissolved				

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Gwic Id:	Sample Id:	Site Name:					Type:		
4818	1989Q1465	EMMA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		10/8/89 12:20:00	MBMG	6.30		7.66	1590.00	1218.59	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
233.	65.44	42.83	7.84	11.745	19.78	19.7	20.542		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
331.	0.0	615.	37.2	0.06	0.6		19.319		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
4.	<40.	144.	169.	39.		<100.	<5.		<5.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
5.		41.	<40.	<20.	<50.				1730.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
5.	<4.	2340.	<6.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4818	1990Q0102	EMMA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		4/25/90 11:35:00	MBMG	6.68		6.75	1600.60	1173.04	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
224.	63.56	40.2	7.55	10.33	16.38	19.6	19.569		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
333.	0.0	589.	36.2	0.06	1.13		18.811		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<4.	<40.	153.	116.	27.		<100.	<5.		<5.
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<4.		39.	<40.	<20.	<50.				1680.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
10.	<4.	986.	<6.		Dissolved				

Gwic Id:	Sample Id:	Site Name:					Type:		
4818	2000Q0736	EMMA MINE * BUTTE MT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		3/8/00 00:00:00	MBMG			6.67	1500.00	1186.25	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
203	61.3	42.4	8.21	3.68	21.6	21.0	18.770		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
397.72	0.0	567.6	43.66	<.5	.576		19.602		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<1	<30	18.2	174	38.0	<2	<500	47.1	3.68	<2
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2		<50	<10	31.6	<2	<2	2.05		1600
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	TI Ugl:	Procedure Type:				
<100	<5.	17300	<50	<5	DISSOLVED				

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Gwic Id:	Sample Id:	Site Name:					Type:		
142793	1995Q0160	OPHIR SHAFT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		9/1/94 13:45:00	MBMG	6.34		6.64	1081.00	773.07	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
152.8	45.5	27.5	6.54	10.2	21.9	15.8	14.090		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
309.	0.0	310.	30.0	<.05	.61		12.396		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<1.	<30.	50.6	<80.	20.6		100.	<2.	3.1	2.3
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
<2.	.12	14.	<10.	6.3	<2.	<2.	1.0		666.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
<10.	<5.	3.0	28.		DISSOLVED				

Gwic Id:	Sample Id:	Site Name:					Type:		
142793	1998Q0095	OPHIR SHAFT					MINE		
Agency:	Td:	Sample Date:	Lab:	Field Ph:	Temp C:	Lab Ph:	Lab Sc:	Tds Mgl:	
MBMG		7/25/97 12:30:00	MBMG	5.99		6.60	1116.00	828.03	
Ca Mgl:	Mg Mgl:	Na Mgl:	K Mgl:	Fe Mgl:	Mn Mgl:	Sio2 Mgl:	Total Cations Meq/L:		
146.2	41.4	26.8	5.5	3.11	21.5	18.4	13.010		
Hco3 Mgl:	Co3 Mgl:	So4 Mgl:	Cl Mgl:	No3-N Mgl:	F Mgl:		Total Anions Meq/L:		
244.0	0.0	406.	38.3	<.05			13.540		
Ag Ugl:	Al Ugl:	As Ugl:	B Ugl:	Ba Ugl:	Be Ugl:	Br ugl:	Cd Ugl:	Co Ugl:	Cr Ugl:
<1.	37.7	17.1	<80.	14.6	<2.	71.	<2.	5.7	5.2
Cu Ugl:	Hg Ugl:	Li Ugl:	Mo Ugl:	Ni Ugl:	Pb Ugl:	Sb Ugl:	Se Ugl:	Sn Ugl:	Sr Ugl:
2.0		14.	<10.	25.0	<2.	<2.	<1.		807.
Ti Ugl:	V Ugl:	Zn Ugl:	Zr Ugl:	Tl Ugl:	Procedure Type:				
<10.	<5.	581.0	<20.		DISOLVED				