APPENDIX C
USEPA OCTOBER 2000 SAMPLING AND ANALYTICAL RESULTS

Oct 2000
Sampl

USEPA REGION 9 LABORATORY
REPORT NARRATIVE

CASE NUMBER:	R01S07
SAMPLE DELIVERY GROUP:	00299B, 00299C
PROGRAM:	SUPERFUND
DOCUMENT CONTROL #:	ESTW-9B-3810
DATE:	11/07/00
ANALYSIS:	METALS
SAMPLE NUMBERS:	

SAMPLE ID	LABORATORY SAMPLE ID
T-1	AB28925
T-2	AB28926
T-3	AB28927
T-4	AB28928
T-5	AB28929
T-6	AB28930
T-7	AB28931
T-8	AB28932
T-9	AB28933
T-10	AB28934
T-11	AB28935
SALT-1	AB28936
SALT-2	AB28937
SALT-3	AB28938
SALT-4	AB28939
SALT-5	AB28940
SALT-6	AB28941
SALT-7	AB28942
SALT-8	AB28943
SALT-9	AB28944
SALT-10	AB28945
SALT-11	AB28946

GENERAL COMMENTS

Twenty two solid samples were received from the Anaconda Copper Mine, Yerington Superfund project on 10/25/00.

The samples were analyzed for metals following SW-846 Methods 6010, 7471 and 7000 (GFAA metals). All mercury samples were analyzed within the required 28-day holding time. All other elements were analyzed within the required 180-day holding time. The sample results are reported in mg/Kg dry weight.

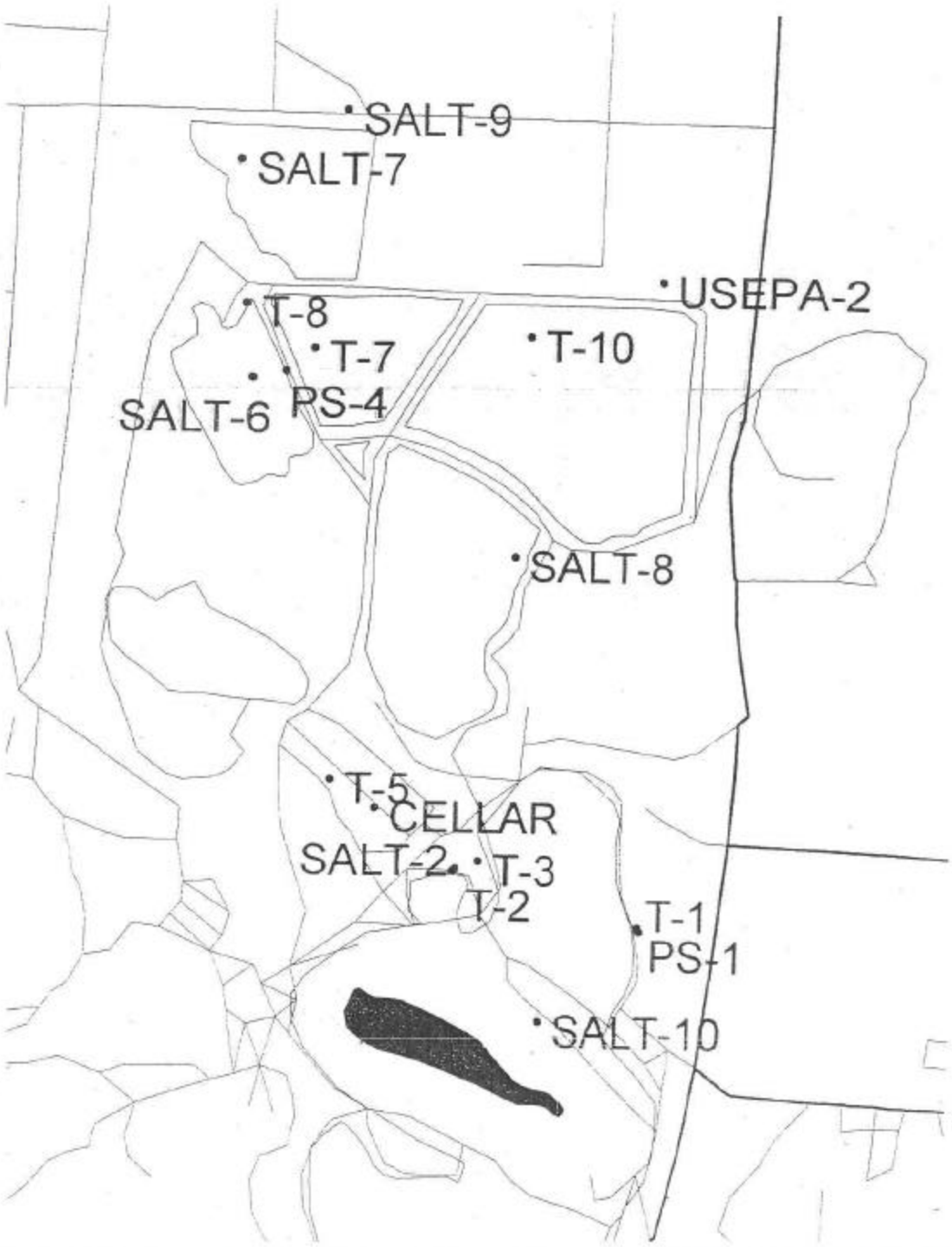
SAMPLE RECEIPT AND PRESERVATION

Samples T-1, T-2, T-3, T-4, T-5, T-6, T-7, T-8, T-9, T-10 and T-11 were received at 10°C, which is outside the 2-6°C temperature requirements. It is believed that this discrepancy will not have an effect on the metals results.

QC COMMENTS

The following comments appear on the Summary of Analytical Results:

Sample	Location description
CELLAR	Flooded cellar at process fac.
PS-1	slot collection pond
PS-2	Raffenate #2 Pond
PS-3	Megapond
PS-4	VLT leachate pad
PS-5	Duplicate of PS-4
SALT-1	slot collection pond
SALT-2	Raffenate #1 Pond
SALT-3	Phase I leach pad
SALT-4	Megapond
SALT-5	VLT leachate pad
SALT-6	North of VLT pad
SALT-7	Anaconda tailings leach pond
SALT-8	Sulfide tailings impoundment
SALT-9	North of Luzier ln.
SALT-10	Slot area near USEPA-3
SALT-11	Duplicate of SALT-2
T-1	slot tailings pile
T-2	sulfide dump pile
T-3	Phase I tailings leach pad
T-4	Anaconda Oxide stockpile
T-5	Phase II leach pad
T-6	VLT leachate pad
T-7	Anaconda sufide tailings pond
T-8	Iron bleed tailings pond
T-9	Anaconda tailings leach pond
T-10	Sulfide tailings impoundment
T-11	Duplicate of T-2
MW-2	Monitoring well south of VLT stockpile
MW-4	Monitoring well northwest of VLT pad
MW-5	Monitoring well near NE corner of VLT leach pad.
USGS-13	Monitoring well North of site
USGS-2B	Monitoring well near old power plant north of site.
USEPA-2	Downgradient monitoring well at Luzier Ln and HWY 95A
USEPA-4	Duplicate of MW-4


SALT-9
SALT-7
USEPA-2
T-8
T-7
T-10
SALT-6
PS-4
SALT-8
T-5
CELLAR
SALT-2
T-3
T-2
T-1
PS-1
SALT-10

Case Number: R01S07
Site: PPER MINE, VERINGTON
SDG: 00299B, 00299C
Date: 11/07/00

Analysis: Metals
Matrix: Solids

Sample No.	N/A			N/A			N/A			N/A			N/A			N/A		
Sample I.D.	T-1			T-2			T-3			T-4			T-5			T-6		
Lab Sample I.D.	AB28925			AB28926			AB28927			AB28928			AB28929			AB28930		
Date of Collection	10/19/00			10/19/00			10/19/00			10/19/00			10/19/00			10/19/00		
Units	mg/Kg			mg/Kg			mg/Kg			mg/Kg			mg/Kg			mg/Kg		
Analyte	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com
Aluminum																		
Antimony	20 U	J	B1	20 U			20 U			20 U			20 U			20 U		
Arsenic																		
Barium	90			40			60			60			70			90		
Beryllium																		
Cadmium	1 U			1 U			1 U			1 U			1 U			1 U		
Calcium																		
Chromium	6			7			8			6			6			14		
Cobalt																		
Copper	1100			5600			2400			4300			1000			2500		
Iron																		
Lead	5	J	B	4			8			10			4			4		
Magnesium																		
Manganese	50			100			100			90			50			220		
Mercury																		
Nickel	10 U			10			9	J	A	10			5	J	A	10		
Potassium																		
Selenium	5			17	J	F	3	J	A	2	J	A	3	J	A	8 U		
Silver																		
Sodium	60	J	A	50	J	A	500			80	J	A	100			500		
Thallium																		
Vanadium	31			35			21			30			30			43		
Zinc																		
% Solids	99			99			97			99			99			97		

Com - Comments refer to the corresponding section in the report narrative for each letter.
N/A - Not Applicable.
N/R - Not Required.
Q - Refer to data qualifiers.
U - The parameter was analyzed for, but was not detected; The associated value is the sample quantitation limit, adjusted for dilution, if any.
J - The associated value is an estimated quantity.
All results are in mg/Kg dry weight.

Case Number: K 07
Site: PPER MINE, YERINGTON
SDG: 00299B, 00299C
Date: 11/07/00

Analysis: Metals
Matrix: Solids

Sample No.	N/A			N/A			N/A			N/A			N/A			N/A		
Sample I.D.	T-7			T-8			T-9			T-10			T-11			SALT-1		
Lab Sample I.D.	AB28931			AB28932			AB28933			AB28934			AB28935			AB28936		
Date of Collection	10/19/00			10/19/00			10/19/00			10/19/00			10/19/00			10/19/00		
Units	mg/Kg			mg/Kg			mg/Kg			mg/Kg			mg/Kg			mg/Kg		
Analyte	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com
Aluminum	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Antimony	20	J	A	20	J	A	30	U		20	U		20	U		30	U	
Arsenic	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Barium	20			620			30			80			40			20	U	J	B
Beryllium	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Cadmium	3			3			3	J	A	1	U		1	U		2	U	
Calcium	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Chromium	13			230			13			17			8			14		
Cobalt	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Copper	680			570			2200			2300			6700			3100	J	C
Iron	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Lead	10			1000		H	4	J	AE	5			5			10	J	B
Magnesium	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Manganese	230			30			900			170			100			1700		
Mercury	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Nickel	14			160			50			20			20			100		
Potassium	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Selenium	5	J	AF	320			10	U		5	J	A	24	J	F	10	U	J	BF
Silver	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Sodium	23000			600			15000			600			50	J	A	4200		J	B
Thallium	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Vanadium	34			33			26			53			35			7	U		
Zinc	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Percent Solids	70			74			61			98			100			60		

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The associated value is an estimated quantity.
Results are in mg/Kg dry weight.

Filename: 00299CM

Site: PPER MINE, YERINGTON
SDG: 00299B, 00299C
Date: 11/07/00

Analysis: Metals
Matrix: Solids

Sample No.	N/A			N/A			N/A			N/A			N/A			N/A		
Sample I.D.	SALT-2			SALT-3			SALT-4			SALT-5			SALT-6			SALT-7		
Lab Sample I.D.	AB28937			AB28938			AB28939			AB28940			AB28941			AB28942		
Date of Collection	10/19/00			10/19/00			10/19/00			10/19/00			10/19/00			10/19/00		
Units	mg/Kg			mg/Kg			mg/Kg			mg/Kg			mg/Kg			mg/Kg		
Analyte	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com
Aluminum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Antimony	30 U			30 U			30 U			30 U			20 U			20 U		
Arsenic	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Barium	30			20 U			10 U			20			90			9	J	A
Beryllium	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cadmium	1 U			2 U			0.8	J	A	2 U			1 U			2		
Calcium	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Chromium	21			20			20			20			14			20		
Cobalt	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Copper	71000			7900			7900			5800			6100			3600		
Iron	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Lead	44000		H	0.7	J	A	4			0.9	J	A	10			3 U	J	E
Magnesium	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Manganese	340			1800			1700			1900			190			1600		
Mercury	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nickel	20			100			90			130			20			80		
Potassium	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Selenium	10 U	J	F	10 U	J	F	3 U			3 U			23	J	F	9 U		
Silver	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Sodium	1300			3200			6900			6800			400			15000		
Thallium	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Vanadium	64			3 U			3	J	A	7 U			39			43		
Zinc	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Sulfate	73			59			67			59			99			84		

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J - The associated value is an estimated quantity.
Results are in mg/Kg dry weight.

Filename: 00299CM

ase Number: [illegible]
ite: PPER MINE, YERINGTON
DG: 00299B, 00299C
ate: 11/07/00

Analysis: Metals
Matrix: Solids

ample No.	N/A			N/A			N/A			N/A			ICP			GFAA		
ample I.D.	SALT-8			SALT-9			SALT-10			SALT-11			Reagent			Reagent		
ab Sample I.D.	AB28943			AB28944			AB28945			AB28946			Blank-1			Blank-1		
ate of Collection	10/19/00			10/19/00			10/21/00			10/19/00			N/A			N/A		
nits	mg/Kg			mg/Kg			mg/Kg			mg/Kg			mg/Kg			mg/Kg		
nalyte	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com
luminum	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
ntimony	20	U		20	U		30	U		30	U		20	U		N/A		
rsenic	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
rium	20			110			20	U		40			10	U		N/A		
eryllium	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
dmium	2			1	U		2	U		2	U		1	U		N/A		
lcium	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
romium	11			15			2	J	A	35			2	U		N/A		
obalt	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
pper	850			83			130000			85000			4	U		N/A		
on	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
ad	3	U	J	E	9		5			55000			30	U		0.6	U	
agnesium	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
nganess	70			470			1500			460			10	U		N/A		
ercury	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
ckel	6	J	A	10			150			40			10	U		N/A		
otassium	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
enium	8	U		8	U		10	U		10	U		N/A			2	U	
lver	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
dium	10000			56000			2700			1900			100	U		N/A		
allium	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
anadium	29			150			7	U		88			4	U		N/A		
inc	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
olids	96			98			60			72			N/A			N/A		

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Refer to data qualifiers
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he associated value is an estimated quantity.
esults are in mg/Kg dry weight.

Filename: 00299CM

Case Number: [illegible]
Site: PPER MINE, YERINGTON
SDG: 00299B, 00299C
Date: 11/07/00

Analysis: Metals
Matrix: Solids

Sample No. / Sample I.D. / Lab Sample I.D. / Date of Collection / Units	ICP Reagent Blank-2 N/A mg/Kg			GFAA Reagent Blank-2 N/A mg/Kg			GFAA Reagent Blank-2 N/A mg/Kg			N/A Quantitation Limit N/A mg/Kg				GFAA Quantitation Limit N/A mg/Kg
Analyte	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result				Result
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]				[illegible]
ntimony	20	U		N/A			N/A			10				N/A
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]				[illegible]
arium	10	U		N/A			N/A			10				N/A
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]				[illegible]
admium	1	U		N/A			N/A			1				N/A
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]				[illegible]
hromium	2	U		N/A			N/A			2				N/A
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]				[illegible]
opper	4	U		N/A			N/A			4				N/A
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]				[illegible]
ead	30	U		0.6	U		0.6	U		30				0.6
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]				[illegible]
anganese	10	U		N/A			N/A			10				N/A
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]				[illegible]
ickel	10	U		N/A			N/A			10				N/A
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]				[illegible]
elenium	N/A			2	U		N/A			N/A				2
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]				[illegible]
odium	100	U		N/A			N/A			100				N/A
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]				[illegible]
anadium	4	U		N/A			N/A			4				N/A
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]				[illegible]
Solids	N/A			N/A			N/A			N/A				N/A

m - Comments refer to the corresponding section in the report narrative for each letter.
A - Not Applicable
R - Not Required
Refer to data qualifiers
The parameter was analyzed for, but was not detected. The associated value is the sample quantitation limit, adjusted for dilution, if any.
The associated value is an estimated quantity.
results are in mg/Kg dry weight.

Sample	Location description	UTM eastings	UTM northings	longitude deg	longitude min	longitude sec	latitude deg	latitude min	latitude sec	decimal degree longitude	decimal degree latitude
PS-1	slot collection pond	310592.8	4317949	119	11	12.89	38	59	24.12	119.1869	38.98003
T-1	slot tailings pile	310584.5	4317970	119	11	13.44	38	59	24.98	119.1871	38.99027
SALT-1	slot collection pond	310584.5	4317970	119	11	13.44	38	59	24.98	119.1871	38.99027
T-2	sulfide dump pile	309663.2	4318236	119	11	51.91	38	59	32.78	119.1978	38.99244
SALT-2	Raffenate #1 Pond	309679.6	4318250	119	11	51.19	38	59	33.27	119.1976	38.99258
PS-2	Raffenate #2 Pond	309679.6	4318250	119	11	51.19	38	59	33.27	119.1976	38.99258
T-3	Phase I tailings leach pad	309785.3	4318285	119	11	46.87	38	59	34	119.1964	38.99278
T-4	Anaconda Oxide stockpile	309785.3	4318285	119	11	46.87	38	59	34	119.1964	38.99278
SALT-3	Phase I leach pad	309785.3	4318285	119	11	46.87	38	59	34	119.1964	38.99278
T-5	Phase II leach pad	309064.7	4318686	119	12	17.17	38	59	46.92	119.2048	38.99837
SALT-4	Megapond	309064.7	4318686	119	12	17.17	38	59	46.92	119.2048	38.99837
PS-3	Megapond	309064.7	4318686	119	12	17.17	38	59	46.92	119.2048	38.99837
PS-4	VLT leachate pad PS 5 Dup.	308807.1	4320743	119	12	29.99	39	0	53.33	119.2083	39.01481
SALT-5	VLT leachate pad	308807.1	4320743	119	12	29.99	39	0	53.33	119.2083	39.01481
T-6	VLT leachate pad	308807.1	4320743	119	12	29.99	39	0	53.33	119.2083	39.01481
T-7	Anaconda sulide tailings pond	308944.1	4320855	119	12	24.43	39	0	57.13	119.2068	39.01587
T-8	Iron bleed tailings pond	308616.4	4321075	119	12	38.35	39	1	4.04	119.2107	39.01779
SALT-6	North of VLT pad	308652.9	4320706	119	12	36.32	39	0	52.04	119.2101	39.01446
SALT-7	Anaconda tailings leach pond	308576.9	4321774	119	12	40.78	39	1	26.82	119.2113	39.02406
T-9	Anaconda tailings leach pond	308576.9	4321774	119	12	40.78	39	1	26.82	119.2113	39.02406
T-10	Sulfide tailings impoundment	309969.7	4320917	119	11	41.02	39	0	59.92	119.1947	39.01664
SALT-8	Sulfide tailings impoundment	309937.9	4319811	119	11	42.09	39	0	24.12	119.195	39.0067
CELLAR	Flooded cellar at process loc.	309279.8	4318545	119	12	6.1	38	59	41.9	119.2023	38.99497
SALT-9	North of Luzier ln.	309080.7	4322013	119	12	19.9	39	1	34.78	119.2055	39.02633
SALT-10	Slot area near USEPA-3	310098.9	4317607	119	11	18.28	38	59	34.57	119.1884	38.99294
USEPA-2	Downgradient monitoring well	310640.6	4321197	119	11	15.28	39	1	12.52	119.1876	39.02014

Note: Locations are taken with a hand-held GPS unit with no differential correction. Estimated error is +/- 10 meters, according to Trimble, Inc. Locations have not been peer reviewed for technical accuracy.
Note: GPS locations were not recorded for existing monitoring wells sampled. These include MW-2, MW-4, MW-5, USGS-2B, and USGS-13.
PS = pregnant solutions from heap leach pads.
SALT = leachate salt materials found in association with pond areas and seeps.
T = tailings materials, which includes millings, tailings, and stockpiled ores.

SUMMARY OF ANALYTICAL RESULTS

Case Number: R01S47
Site: CONDA COPPER MINE, YERINGTON
SDG: 00299D/ 00299E/ 00299F
Date: 11/04/00

Analysis: Metals
Matrix: Aqueous Samples

Sample No. / Sample I.D. / Lab Sample I.D. / Date of Collection / Units	NMW-2 Unfiltered AB28947 10/22/00 ug/L			NMW-4 Unfiltered AB28948 10/22/00 ug/L			N/A MW-5 Unfiltered AB28949 10/23/00 ug/L			08PA-3 Unfiltered AB28950 10/23/00 ug/L			08PA-4 Unfiltered AB28951 10/22/00 ug/L			08S-2B Unfiltered AB28952 10/22/00 ug/L		
Analyte	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com
Aluminum (200.7)	320000			150000			2300000			14000			150000			64000		
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Arsenic (200.8)	900		B	90			400			20			100			30	U	
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Beryllium (200.7)	44			15			280			0.7	J	A	16			36		
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Calcium (200.7)	450000			640000			310000			48000			680000			360000		
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Cobalt (200.8)	810		D	90		D	7700		D	8			100		D	1100		D
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Iron (200.7)	1700000			110000			6100000			14000			101000			1000000		
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Magnesium (200.7)	240000			55000			1400000			13000			98000			440000		
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Mercury (245.1)	4.2			2.1			0.7			0.2	J	E	2.5			0.2		
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Potassium (200.7)	73000			34000			25000			8000			35000			28000		
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Silver (200.8)	3	J	A	5	U		20	U	J G	5	U		3	U		10	U	
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Thallium (200.8)	3	U		5	U		20	U		5	U		3	J	A	10	U	
[illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
Zinc (200.7)	4100			1500			15000			50			1400			3300		

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Filename: 00299DS1

SUMMARY OF ANALYTICAL RESULTS

Case Number: R01S07
Site: CONDA COPPER MINE, YERINGTON
SDG: 00299D/ 00299E/ 00299F
Date: 11/04/00

Analysis: Metals
Matrix: Aqueous Samples

Sample No.	N/A			N/A			N/A			N/A			N/A			N/A		
Sample I.D.	USGS-13 Unfiltered			MW-2 Filtered			MW-4 Filtered			MW-5 Filtered			USEPA-2 Filtered			USEPA-4 Filtered		
Lab Sample I.D.	AB28953			AB28954			AB28955			AB28956			AB28957			AB28958		
Date of Collection	10/22/00			10/22/00			10/22/00			10/23/00			10/23/00			10/22/00		
Units	ug/L			ug/L			ug/L			ug/L			ug/L			ug/L		
Analyte	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com
Aluminum (200.7)	18000			120000			1300			2200000			200			1600		
Antimony (200.8)																		
Arsenic (200.8)	60			190			10	J	A	400	J	G	20	U		10	J	A
Barium (200.8)	730																	
Beryllium (200.7)	1			30			1	U		270			1	U		1	U	
Cadmium (200.8)																		
Calcium (200.7)	350000			390000			66000			310000			42000			66000		
Chromium (200.7)																		
Cobalt (200.8)	10			750		D	5	U		7400		D	5	U		5	U	
Copper (200.7)																		
Iron (200.7)	17000			1400000			900			6000000			500			1100		
Lead (200.8)																		
Magnesium (200.7)	92000			180000			8100			1600000			11000			8100		
Manganese (200.7)																		
Mercury (245.1)	0.2	U		0.2	U		0.1	J	AE	0.5			0.2	U		0.2	U	
Nickel (200.7)																		
Potassium (200.7)	6000			55000			5000	U		26000			5000			5000	U	
Selenium (200.8)																		
Silver (200.8)	5	U		10	U		5	U		20	U	J	FG	5	U		5	U	
Sodium (200.7)																		
Thallium (200.8)	5	U		10	U		5	U		20	U							
Vanadium (200.7)													5	U		5	U	
Zinc (200.7)	60			3800			30			14000			10	J	A	20		

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Filename: 00299DM

EPA REGION 9 LABORATORY-RICHMOND, CA
SUMMARY OF ANALYTICAL RESULTS

Case Number: R01S07
Site: CONDA COPPER MINE, YERINGTON
SDG: 00299D/ 00299E/ 00299F
Date: 11/04/00

Analysis: Metals
Matrix: Aqueous Samples

							Slot			Raff Z Pond			Mega Pond			VLT Leachate			
Sample No.	06GS-20			06GS-13			N/A			N/A			N/A			N/A			
Sample I.D.	Filtered			Filtered			PS-1			PS-2			PS-3			PS-4			
Lab Sample I.D.	AB28959			AB28960			AB28961			AB28962			AB28963			AB28964			
Date of Collection	10/22/00			10/21/00			10/19/00			10/19/00			10/19/00			10/19/00			
Units	ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			
Analyte	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com	
Aluminum (200.7)	57000			200	U		8600000			13000000			25000000			8800000			200
Antimony [illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			146
Arsenic (200.8)	30	U		50			500	U		300	J	A	[illegible]	J	A	500	U		50
Barium [illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			2000
Beryllium (200.7)	16			1	U		51[illegible]			380			1600			340			4
Cadmium [illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			5
Calcium (200.7)	350000			330000			430000			540000			420000			430000			—
Chromium [illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			100
Cobalt (200.8)	1100		D	3	J	A	20000		D	30000		D	54000		D	22000		D	—
Copper [illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			1300
Iron (200.7)	1400000			200			620000			3200000			2100000			540000			600
Lead [illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			15
Magnesium (200.7)	430000			82000			7200000			11000000			22000000			7600000			150,000
Manganese [illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			100
Mercury (245.1)	0.1	J	AE	0.2	U		14			[illegible]			9			6			2
Nickel [illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			14,000
Potassium (200.7)	26000			5000	U		90000			150000			140000			130000			—
Selenium [illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			50
Silver (200.8)	10	U		5	U		100	U		100	U		200	U		100	U		100
Sodium [illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			—
Thallium (200.8)	10	U		5	U		[illegible]	U		100	U		200	U		300	U		2
Vanadium [illegible]	[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			[illegible]			—
Zinc (200.7)	2100			20	U		18000			26000			[illegible]			19000			5000

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Filename: JM

EPA REGION 9 LABORATORY-RICHMOND, CA
SUMMARY OF ANALYTICAL RESULTS

Case Number: R01507
Site: CONDA COPPER MINE, YERINGTON
SDG: 00299D/ 00299E/ 00299F
Date: 11/04/00

Analysis: Metals
Matrix: Aqueous Samples

VLT Duplicate Leachate

Sample No.	N/A			N/A			Reagent			208.7			Quantitation				208.7
Sample I.D.	PS-5			CELLAR			Blank			Reagent Blank			Limit				Quantitation Limit
Lab Sample I.D.	AB28365			AB28966			N/A			N/A			N/A				N/A
Date of Collection	10/19/00			10/19/00			N/A			N/A			N/A				
Units	ug/L			ug/L			ug/L			ug/L			ug/L				ug/L
Analyte	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result	Q	Com	Result				Result
Aluminum (200.7)	8800000			16000000			200	U					200				
[redacted]																	
Arsenic (200.8)	500	U		700	J	A	20	U		200	U		20				200
[redacted]																	
Beryllium (200.7)	540			1100			1	U					1				
[redacted]																	
Calcium (200.7)	430000			640000			100	U					100				
[redacted]																	
Cobalt (200.8)	22000		D	47000		D	5	U		20	U		5				20
[redacted]																	
Iron (200.7)	530000			17000000			100	U					100				
[redacted]																	
Magnesium (200.7)	7400000			16000000			500	U					500				
[redacted]																	
Mercury (245.1)	6			9			0.1	J	E				0.2				
[redacted]																	
Potassium (200.7)	120000			50000	U		5000	U					5000				
[redacted]																	
Silver (200.8)	100	U		200	U		5	U					5				
[redacted]																	
Thallium (200.8)	100	U		200	U		5	U					5				
[redacted]																	
Zinc (200.7)	19000			120000			20	U					20				

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