APPENDIX 6

LEACHATE ANALYSES ON WASTE ROCK SAMPLES FROM THE CENTENNIAL MINE

December 16, 1989

Prepare for
CENTENNIAL MINE
2404 Bank Drive, Suite 205
P.O. Box 5538
Boise, Idaho 83705

LEACHATE ANALYSIS on WASTE ROCK SAMPLES from the CENTENNIAL MINE

December 26, 1989

Prepare By

ACZ LABORATORIES, INC.
1475 Pine Grove Road, Suite 109
Steamboat Springs, Colorado 80487

ABSTRACT

Leachate tests are used to determine what chemical species may leach out of waste rock or other mining waste when these wastes are exposed to water from rain or snow melt. The method of leaching selected for this study was the ASTM Method D3987 "Shake Extraction of Solid Waste with Water". A copy of this method is included in Appendix B. This leaching method was selected since it is used as an inexpensive, screening leach test.

After the sample is extracted using the above leaching procedure, the leachate is then analyzed for a large number of different parameters. Results of these analyses are then reviewed to determine if any chemical species are leached from the waste material in significant concentrations. If potential problems with leaching of metals or other chemical species from the waste material are identified, further studies can be conducted using more extensive leaching procedures such as Column Leach Tests or Serial Batch Extractions.

METHODOLOGY

Leach Test Procedure (continued)

	Analyses Performed	Preservation Technique
*	Major cations & anions	Cool @ 4 C
*	Trace Metals	Acid. w/ HNO_3 to pH <2
*	Cyanide, total	NaOH to pH > 11, Cool @ 4 C

A copy of the ASTM Shake Extraction procedure is provided as an attachment in Appendix B.

Leachate Analysis

The preserved leachate samples obtained from the ASTM Shake Extraction were analyzed for a large number of chemical species detailed in Table 1 "Analytical Methods". The analytical methods employed are all EPA accepted methods (2) and were chosen so that the lowest practical detection limits were obtained. Analyses were started on 10/06/89 and completed 10/25/89. All analyses were completed within standard EPA holdings times (1). Results of these analyses can be found in the analytical reports in Appendix A.

TABLE 1

ANALYTICAL METHODS

PARAMETER	METHOD	DETECTION LIMITS	
Alkalinity	EPA 310.1 Titrametric	1	mg/l
Chloride	EPA 325.2 Auto-Ferricyanide	1	mg/l
Conductivity	EPA 120.1 Meter	1	umhos
Cyanide, total	EPA 335.3 Manual Distillation/Color	.002	mg/l
Nitrate/Nitrite as N	EPA 353.2 Auto-Cadmium Reduction	.02	mg/l
pH	EPA 150.1 Meter	.1	units
Phosphorus, ortho	EPA 365.1 Auto-Ascorbic Acid	.005	mg/l
Sulfate	EPA 375.3 Gravimetric	2	mg/l
Cations (Ca,Mg,K,Na)	EPA 200.7 ICP	1	mg/l
Antimony	EPA 204.2 AA-Furnace	.001	mg/l
Arsenic	EPA 206.2 AA-Furnace	.001	mg/l
Beryllium	EPA 200.7 ICP	.005	mg/l
Cadmium	EPA 200.7 ICP	.005	mg/l
Chromium	EPA 200.7 ICP	.01	mg/l
Copper	EPA 200.7 ICP	.01	mg/l
Iron	EPA 200.7 ICP	.02	mg/l
Lead	EPA 239.2 AA-Furnace	.001	mg/l
Mercury	EPA 245.2 AA-Auto Cold Vapor	.0001	mg/l
Nickel	EPA 200.7 ICP	.02	mg/l
Selenium	USGS I-2667 AA-Auto Hydride	.001	mg/l
Silver	EPA 200.7 ICP	.01	mg/l
Thallium	EPA 279.2 AA-Furnace	.001	mg/l
Zinc	EPA 200.7 ICP	.01	mg/l

CONCLUSION

Review of the analytical data generated by the leaching tests indicates that six samples analyzed are all free of any significant concentrations of metals and other chemical species which may be leached out when these waste materials are exposed to rain water or snow melt.

Only one leachate sample, "Mine Dump" (Lab No. 89-SI/6574), showed a positive value for a metal specie other than iron. Arsenic was present in the leachate at a concentration of .014 mg/l. This level of arsenic is well below the EPA SDWA (3) standard for drinking water of .05 mg/l and the EPA Water Quality Criteria Standards for Fresh Water (4) of .048 mg/l (chronic). Arsenic concentrations observed in the leachate should pose no threat to either surface or groundwater.

No acid forming potential of the various waste materials was observed with resulting pH's of the leachate samples ranging from 6.2 to 8.8.

Z LABORATORIES INC DATA MANAGEMENT SYSTEM
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Page 1

nt : Centennial Mine
ess : P.O. Box 5538
Boise, ID 83705
. : Andrew J. Silva
ect: ASTM Method D3987 Shake Extraction
le ID: Lamprophyrite Lab No. : 89-WI/06571
le Date Time: Unknown Date Received: 10/06/89

Parameters

Alkalinity as CaCO3	8.	mg/l
Bicarbonate as CaCO3	8	mg/l
Calcium, dissolved	-1.	mg/l
Carbonate as CaCO3	0	mg/l
Chloride	-1.	mg/l
Conductivity @ 25C	7.	umhos/cm
Cyanide, total	.003	mg/l
Hydroxide as CaCO3	0	mg/l
Magnesium, dissolved	-1.	mg/l
Nitrate as N, dissolved	-.02	mg/l
Nitrate/Nitrite as N	-.02	mg/l
Nitrite as N, dissolved	-.01	mg/l
pH (lab)	6.3	units
Phosphorus, ortho diss	.005	mg/l
Potassium, dissolved	-1.	mg/l
Sodium, dissolved	1.	mg/l
Sulfate	4.	mg/l
Antimony, dissolved	-.001	mg/l
Arsenic, dissolved	-.001	mg/l
Beryllium, dissolved	-.005	mg/l
Cadmium, dissolved	-.005	mg/l
Chromium, dissolved	-.01	mg/l
Copper, dissolved	-.01	mg/l
Iron, dissolved	.02	mg/l
Lead, dissolved	-.001	mg/l
Mercury, dissolved	-.0001	mg/l
Nickel, dissolved	-.02	mg/l
Selenium, dissolved	-.001	mg/l
Silver, dissolved	-.01	mg/l
Thallium, dissolved	-.001	mg/l
Zinc, dissolved	-.01	mg/l

rks: Shake Extraction - 1:20 Soil/Water, 18 Hours.

: Negative sign "-" denotes that the value is less than "<"

k E. Polniak, Inorganic Lab Supervisor

n E. Polniak

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12:14
Page 1

: Centennial Mine
ess : P.O. Box 5538
Boise, ID 83705
: Andrew J. Silva
ect: ASTM Method D3987 Shake Extraction
e ID: Granite In Hang Well S. Of Hole
e Date Time: Unknown

Lab No. : 89-WI/06572
Date Received: 10/06/89

Parameters

Alkalinity as CaCO3	6.	mg/l
Bicarbonate as CaCO3	6	mg/l
Calcium, dissolved	-1.	mg/l
Carbonate as CaCO3	0	mg/l
Chloride	-1.	mg/l
Conductivity @ 25C	4.	umhos/cm
Cyanide, total	.002	mg/l
Hydroxide as CaCO3	0	mg/l
Magnesium, dissolved	-1.	mg/l
Nitrate as N, dissolved	-.02	mg/l
Nitrate/Nitrite as N	-.02	mg/l
Nitrite as N, dissolved	-.01	mg/l
pH (lab)	6.2	units
Phosphorus, ortho diss	.028	mg/l
Potassium, dissolved	-1.	mg/l
Sodium, dissolved	-1.	mg/l
Sulfate	-2.	mg/l
Antimony, dissolved	-.001	mg/l
Arsenic, dissolved	-.001	mg/l
Beryllium, dissolved	-.005	mg/l
Cadmium, dissolved	-.005	mg/l
Chromium, dissolved	-.01	mg/l
Copper, dissolved	-.01	mg/l
Iron, dissolved	.14	mg/l
Lead, dissolved	.001	mg/l
Mercury, dissolved	-.0001	mg/l
Nickel, dissolved	-.02	mg/l
Selenium, dissolved	-.001	mg/l
Silver, dissolved	-.01	mg/l
Thallium, dissolved	-.001	mg/l
Zinc, dissolved	.01	mg/l

s: Shake Extraction - 1:20 Soil/Water, 18 Hours.

Negative sign "-" denotes that the value is less than "<"

E. Polniak, Inorganic Lab Supervisor
E. Polniak

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Page 1

: Centennial Mine
ss : P.O. Box 5538
Boise, ID 83705
: Andrew J. Silva
ct: ASTM Method D3987 Shake Extraction
e ID: Mine Dump
e Date Time: Unknown

Lab No. : 89-WI/06574
Date Received: 10/06/89

Parameters

Alkalinity as CaCO3	20.	mg/l
Bicarbonate as CaCO3	4	mg/l
Calcium, dissolved	3.	mg/l
Carbonate as CaCO3	16	mg/l
Chloride	-1.	mg/l
Conductivity @ 25C	46.	umhos/cm
Cyanide, total	.002	mg/l
Hydroxide as CaCO3	0	mg/l
Magnesium, dissolved	-1.	mg/l
Nitrate as N, dissolved	-.02	mg/l
Nitrate/Nitrite as N	-.02	mg/l
Nitrite as N, dissolved	-.01	mg/l
pH (lab)	8.8	units
Phosphorus, ortho diss	.088	mg/l
Potassium, dissolved	-1.	mg/l
SAR in water	.24	
Sodium, dissolved	1.	mg/l
Sulfate	4.	mg/l
Antimony, dissolved	-.001	mg/l
Arsenic, dissolved	.014	mg/l
Beryllium, dissolved	-.005	mg/l
Cadmium, dissolved	-.005	mg/l
Chromium, dissolved	-.01	mg/l
Copper, dissolved	-.01	mg/l
Iron, dissolved	-.02	mg/l
Lead, dissolved	-.001	mg/l
Mercury, dissolved	-.0001	mg/l
Nickel, dissolved	-.02	mg/l
Selenium, dissolved	-.001	mg/l
Silver, dissolved	-.01	mg/l
Thallium, dissolved	-.001	mg/l
Zinc, dissolved	-.01	mg/l

s: Shake Extraction - 1:20 Soil/Water, 18 Hours.

Negative sign "-" denotes that the value is less than "<"

- Polniak, Inorganic Lab Supervisor

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Analysis Report

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Page 1

: Centennial Mine
s : P.O. Box 5538
Boise, ID 83705
: Andrew J. Silva
t: ASTM Method D3987 Shake Extraction
ID: Granite in Hang Well, 20' N
Date Time: Unknown

Lab No. : 89-WI/06579
Date Received: 10/06/89

Parameters

Alkalinity as CaCO3	8.	mg/l
Bicarbonate as CaCO3	8	mg/l
Calcium, dissolved	-1.	mg/l
Carbonate as CaCO3	0	mg/l
Chloride	-1.	mg/l
Conductivity @ 25C	11.	umhos/cm
Cyanide, total	-.002	mg/l
Hydroxide as CaCO3	0	mg/l
Magnesium, dissolved	-1.	mg/l
Nitrate as N, dissolved	-.02	mg/l
Nitrate/Nitrite as N	-.02	mg/l
Nitrite as N, dissolved	-.01	mg/l
pH (lab)	6.2	units
Phosphorus, ortho diss	.068	mg/l
Potassium, dissolved	-1.	mg/l
Sodium, dissolved	-1.	mg/l
Sulfate	8.	mg/l
Antimony, dissolved	-.001	mg/l
Arsenic, dissolved	-.001	mg/l
Beryllium, dissolved	-.005	mg/l
Cadmium, dissolved	-.005	mg/l
Chromium, dissolved	-.01	mg/l
Copper, dissolved	-.01	mg/l
Iron, dissolved	.02	mg/l
Lead, dissolved	-.001	mg/l
Mercury, dissolved	-.0001	mg/l
Nickel, dissolved	-.02	mg/l
Selenium, dissolved	-.001	mg/l
Silver, dissolved	-.01	mg/l
Thallium, dissolved	-.001	mg/l
Zinc, dissolved	.01	mg/l

: Shake Extraction - 1:20 Soil/Water, 18 Hours.

egative sign "-" denotes that the value is less than "<"

. Polniak, Inorganic Lab Supervisor

Polniak

. Centennial Mine
s : P.O. Box 5538
Boise, ID 83705
: Andrew J. Silva
t: ASTM Method D3987 Shake Extraction
ID: Dacite Dike
Date Time: Unknown

Lab No. : 89-WI/06576
Date Received: 10/06/89

Parameters

Alkalinity as CaCO3	8.	mg/l
Bicarbonate as CaCO3	8	mg/l
Calcium, dissolved	-1.	mg/l
Carbonate as CaCO3	0	mg/l
Chloride	-1.	mg/l
Conductivity @ 25C	10.	umhos/cm
Cyanide, total	.002	mg/l
Hydroxide as CaCO3	0	mg/l
Magnesium, dissolved	-1.	mg/l
Nitrate as N, dissolved	-.02	mg/l
Nitrate/Nitrite as N	-.02	mg/l
Nitrite as N, dissolved	-.01	mg/l
pH (lab)	6.2	units
hosphorus, ortho diss	.061	mg/l
otassium, dissolved	-1.	mg/l
Sodium, dissolved	1.	mg/l
Sulfate	4.	mg/l
Antimony, dissolved	-.001	mg/l
Arsenic, dissolved	-.001	mg/l
Beryllium, dissolved	-.005	mg/l
Cadmium, dissolved	-.005	mg/l
Chromium, dissolved	-.01	mg/l
Copper, dissolved	-.01	mg/l
Iron, dissolved	.06	mg/l
Lead, dissolved	-.001	mg/l
Mercury, dissolved	-.0001	mg/l
Nickel, dissolved	-.02	mg/l
Selenium, dissolved	-.001	mg/l
Silver, dissolved	-.01	mg/l
Thallium, dissolved	-.001	mg/l
Zinc, dissolved	-.01	mg/l

.: Shake Extraction - 1:20 Soil/Water, 18 Hours.

legative sign "-" denotes that the value is less than "<"

:. Polniak, Inorganic Lab Supervisor
Polniak

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Page 1

: Centennial Mine
s : P.O. Box 5538
Boise, ID 83705
: Andrew J. Silva
t: ASTM Method D3987 Shake Extraction
ID: Loose Soils
Date Time: Unknown

Lab No. : 89-WI/06577
Date Received: 10/06/89

Parameters

Alkalinity as CaCO3	8.	mg/l
Bicarbonate as CaCO3	8	mg/l
Calcium, dissolved	-1.	mg/l
Carbonate as CaCO3	0	mg/l
Chloride	-1.	mg/l
Conductivity @ 25C	14.	umhos/cm
Cyanide, total	.002	mg/l
Hydroxide as CaCO3	0	mg/l
Magnesium, dissolved	-1.	mg/l
Nitrate as N, dissolved	-.02	mg/l
Nitrate/Nitrite as N	-.02	mg/l
Nitrite as N, dissolved	.01	mg/l
pH (lab)	6.4	units
Phosphorus, ortho diss	.130	mg/l
otassium, dissolved	-1.	mg/l
Sodium, dissolved	-1.	mg/l
Sulfate	4.	mg/l
Antimony, dissolved	-.001	mg/l
Arsenic, dissolved	-.001	mg/l
Beryllium, dissolved	-.005	mg/l
Cadmium, dissolved	-.005	mg/l
Chromium, dissolved	-.01	mg/l
Copper, dissolved	-.01	mg/l
Iron, dissolved	.04	mg/l
Lead, dissolved	-.001	mg/l
Mercury, dissolved	-.0001	mg/l
Nickel, dissolved	-.02	mg/l
Selenium, dissolved	-.001	mg/l
Silver, dissolved	-.01	mg/l
Thallium, dissolved	-.001	mg/l
Zinc, dissolved	.01	mg/l

: Shake Extraction - 1:20 Soil/Water, 18 Hours.

legative sign "-" denotes that the value is less than "<"

. Polniak, Inorganic Lab Supervisor

APPENDIX 7

COLUMN TEST WASHING RESULTS
KCA TEST NO. 10890 AND 10894

FINAL WASH TEST SOLUTION ANALYSIS

AMENDED REPORT

SIERRA ENVIRONMENTAL MONITORING

WATER QUALITY ANALYSIS RECORD

PROJECT NAME Kappes Cassiday & Associates						J.N. KCA-565	
1845 Glendale Avenue Sparks, NV 89431						P.O. #6194	
SAMPLE IDENTIFICATION			PARAMETER	PARAMETER	PARAMETER	PARAMETER	PARAMETER
Sample Collection Date	Time	Station ID.	WAD Cyanide	Nitrate	Nitrite	Copper	Chromium
MON DAY YR	0-2400		UNITS mg/l	UNITS mg/l NO_3	UNITS mg/l N	UNITS mg/l	UNITS mg/l
10-4-89		#10890	0.11	2.7	< 0.01	< 0.02	< 0.02
10-4-89		#10894	0.007	4.8	< 0.01	< 0.02	< 0.02
			Zinc	Nickel	Lead	Mercury	Arsenic
			Units: mg/l	Units: mg/l	Units: mg/l	Units: mg/l	Units: mg/l
10-4-89		#10890	0.04	< 0.03	0.06	< 0.0005	0.017
10-4-89		#10894	0.14	< 0.03	< 0.05	< 0.0005	0.011
			Antimony	Cadmium	Boron	Aluminum	Iron
			Units: mg/l	Units: mg/l	Units: mg/l	Units: mg/l	Units: mg/l
10-4-89		#10890	< 0.5	< 0.01	0.1	0.09	0.54
10-4-89		#10894	< 0.5	< 0.01	0.2	0.03	1.67
			Chloride	Sodium	Silver	Ammonia	
			Units: mg/l	Units: mg/l	Units: mg/l	Units: mg/l	
10-4-89		#10890	17	106	< 0.02	1.4	
10-4-89		#10894	9	121	< 0.02	3.6	

SAMPLES BY: KCA

ANALYSIS BY: G. Gross/S. Poole/J. Seher/A.M. Moos APPROVED BY: J. Seher

Analytical Laboratories, Inc.

1804 N. 33rd Street
Boise, Idaho 83703
Phone (208) 342-5515

Attn: RICK RICHINS
RTR RESOURCE MGT, INC
1109 MAIN ST STE 480
BOISE, ID 83702

Collected By: M MOORE
Submitted By: M MOORE

Source of Sample:
CENTENNIAL MINE GW-C (WELL WATER)

Time of Collection: 11.30
Date of Collection: 9/14/2004
Date Received: 9/14/2004
Report Date: 9/21/2004

PWS:

Laboratory Analysis Report

Sample Number: 0430910

FIELD DATA. WATER LEVEL @ 14 FT; WELL 4 INCHES IN DIAMETER, PURGED FOR 30 MINS @ 4 GALS/MIN

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Total Coliform Bacteria		<1	MPN/100		SM 9223	9/15/2004	RLV
Escherichia coli		<1	MPN/100		SM 9223	9/15/2004	RLV
Calcium, Ca	UR	34.4	mg/L	0.10	EPA 200.7	9/15/2004	JH
Magnesium, Mg	UR	2.03	mg/L	0.10	EPA 200.7	9/15/2004	JH
Silica	UR	22.0	mg/L	0.25	EPA 200.7	9/16/2004	JH
Potassium, K	UR	<0.5	mg/L	0.5	EPA 200.7	9/15/2004	JH
Arsenic Furnace	0.05	<0.005	mg/L	0.005	SM 3113 B	9/20/2004	DMB
Barium, Ba	2	<0.05	mg/L	0.05	EPA 200.7	9/17/2004	JH
Sodium, Na	UR	8.34	mg/L	0.10	EPA 200.7	9/15/2004	JH
Cadmium, Cd		<0.005	mg/L	0.005	EPA 200.7	9/17/2004	JH
Chromium, Cr		<0.05	mg/L	0.05	EPA 200.7	9/17/2004	JH
Copper, Cu	UR	0.01	mg/L	0.01	EPA 200.7	9/17/2004	JH
Iron, Fe	UR	<0.05	mg/L	0.05	EPA 200.7	9/16/2004	JH
Lead Furnace		<0.005	mg/L	0.005	SM 3113 B	9/20/2004	DMB
Manganese, Mn	UR	<0.05	mg/L	0.05	EPA 200 7	9/16/2004	JH
Mercury, Hg	0.002	<0.0002	mg/L	0.0002	EPA 245.1	9/17/2004	KC

MCL = Maximum Contamination Level
MDL = Method/Minimum Detection Limit
UR = Unregulated

Laboratory Analysis Report

Sample Number: 0430910

FIELD DATA. WATER LEVEL @ 14 FT; WELL 4 INCHES IN DIAMETER, PURGED FOR 30 MINS @ 4 GALS/MIN

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Selenium Furnace	0.05	<0.005	mg/L	0.005	SM 3113 B	9/20/2004	DMB
Silver, Ag	UR	<0.005	mg/L	0.005	EPA 272.1	9/20/2004	JH
Zinc, Zn	UR	<0.005	mg/L	0.005	EPA 200.7	9/17/2004	JH
Aluminum, Al	UR	<0.10	mg/L	0.10	EPA 200.7	9/15/2004	JH
Antimony Furnace	0.006	<0.005	mg/L	0.005	SM 3113 B	9/20/2004	DMB
Beryllium, Be		<0.005	mg/L	0.005	EPA 200.9	9/15/2004	DMB
Nickel, Ni	UR	<0.02	mg/L	0.02	EPA 200.7	9/17/2004	JH
Thallium Furnace	0.002	<0.002	mg/L	0.002	EPA 200.9	9/20/2004	DMB
Boron, B		<0.05	mg/L	0.05	EPA 200.7	9/16/2004	JH
Ortho Phosphate (as P)		<0.05	mg/L	0.05	EPA 365.1	9/15/2004	WW
Nitrate (as N)	10	1.2	mg/L	0.2	EPA 300.0	9/15/2004	WW
Nitrite (as N)	1.00	<0.01	mg/L	0.01	EPA 353.2	9/16/2004	ARR
Alkalinity	UR	107	mg/L Ca		EPA 310.1	9/15/2004	WW
Chloride, Cl	UR	<1	mg/L	1	EPA 300.0	9/16/2004	WW
Fluoride, F	4.0	0.14	mg/L	0.10	EPA 300.0	9/16/2004	WW
Sulfate, SO4	UR	3	mg/L	1	EPA 300.0	9/16/2004	WW
Conductivity	UR	213	umhos	2	EPA 120.1	9/14/2004	CC
Cyanide, Total	0.20	<0.005	mg/L	0.005	SM 4500-CN E	9/20/2004	ARR
pH	UR	7.5	S.U		EPA 150.1	9/14/2004	CC
Hardness	UR	95.5	mg/L	5.0	SM 2340	9/15/2004	ARR
Total Dissolved Solids	UR	230	mg/L	25	EPA 160.1	9/17/2004	DLR

MCL = Maximum Contamination Level
MDL = Method/Minimum Detection Limit
UR = Unregulated

Thank you for choosing Analytical Laboratories for your testing needs.

If you have any questions concerning this report,
please contact: Sandy Koch

CLIENT CODE: RTRRES #30910

CHAIN OF CUSTODY RECORD

ANALYTICAL LABS, INC.
1804 N. 33rd Street · Boise, ID 83703
(208) 342-5515 · Fax: (208) 342-5591 · 1-800-574-5773
Website: www.analyticallaboratories.com
E-mail: ali@analyticallaboratories.com

CLIENT INFORMATION:

Attn: Rick or Vicky Richins
Company: RTR Resource Management
Address: 1109 Main St. Suite 480
Boise Id 83702
Phone: 343-8722 Fax: 343-5115
Sampled by: (Please print) Michael Moore
Transported by: (Please print) M. Moore

PROJECT INFORMATION:

Project Manager:
Project Name:
PWS Number:
Purchase Order Number:
Required Due Date:

TESTS REQUESTED

Lab ID	Date Sampled	Time Sampled	Sample Description (Source)	Sample Matrix	See attached list	Remarks:
30910	9/14/04	11:30AM	Centennial Mine GW-C	well Water		

Invoice to: (If different than above address)

Special Instructions: Water level at 14 ft, 4 in dia well. Purged ~30 min at 4 gal/min

ALLOCATION OF RISK: Analytical Laboratories, Inc. will perform preparation and testing services, obtain findings and prepare reports in accordance with Good Laboratory Practices (GLP). If, for any reason, Analytical Laboratories, Inc. errors in the conduct of a test or procedure their liability shall be limited to the cost of the test or procedure completed in error. Under no circumstance will Analytical Laboratories, Inc. be liable for any other cost associated with obtaining a sample or use of data.

Note: Samples are discarded 21 days after results are reported. Hazardous samples will be returned to client or disposed of at client expense.

Relinquished By: (Signature)	Print Name:	Company:	Date:	Time:
Michael N. Moore	Michael Moore	ALI	9/14/04	11:00 pm
Received By: (Signature)	Print Name:	Company:	Date:	Time:
Relinquished By: (Signature)	Print Name:	Company:	Date:	Time:
Received at Laboratory By: (Signature) Matthew C Long	Print Name: Matthew C Long	Company: ALI	Date: 09/14/04	Time:

RECEIPT | Total # of Containers: | Chains of Custody Seals Y | Intact: Y / N / NA | Temperature Received: | Condition:

Rev. ... WHITE: STAYS WITH SAMPLE