60001656

Mining District File Summary Sheet

DISTRICT	Rosebud
DIST_NO	4010
COUNTY If different from written on document	Pershing
TITLE If not obvious	Rosebud Drill Hole File - Hole No. RL-278
AUTHOR	T Kuhl ; V. Peterson
DATE OF DOC(S)	1992
MULTI_DIST Y / (N?) Additional Dist_Nos:	
QUAD_NAME	Sulphur 7.5'
P_M_C_NAME (mine, claim & company names)	Rosebud Mine; Rosebud Project; Stevens Drilling; Lac Minerals (USA) Inc; Dreamland; Barringer Laboratories
COMMODITY If not obvious	gold silver
NOTES	Drill log; geology; assay; total depth 605' handwritten notes ~~19~~ p. 21

Keep docs at about 250 pages if no oversized maps attached
(for every 1 oversized page (>11x17) with text reduce
the amount of pages by ~25)

SS: DD 6/3/08
Initials Date
DB: mch
Initials Date
SCANNED: NV Blue
Initials Date

Revised: 1/22/08

ROSEBUD
DRILL LOG

RL-278
Greenland

6000 1656 4010

60001656

LAC MINERALS (U.S.A.) INC.

DRILL LOG SUMMARY SHEET

PROJECT Rosebud

HOLE NUMBER RL278 TOTAL DEPTH 605 LOGGED BY T.D. Kuhl

Date started 10/7/92

Date completed 10/8/92

Initial bearing N35E

Initial inclination -60

Elevation

Collar coordinates:

N

E

Contractor: Stevens Drilling

Drill Type: Reverse Circulation

Hole Size: 5 1/4

Drilling Conditions: Good

Footage: Wet / Dry Dry to 365

Then inject Water to TD.

Comments: Hole possibly making 1 to 2 gpm at TD.

DOWN HOLE SURVEY INFORMATION

FROM	TO	SURVEY POINT	INCLI-NATION	BEARING	X (Northing)	Y (Easting)	Z (Elevation)

LAC MINERALS (U.S.A.) INC.
ROSEBUD PROJECT

DRILL HOLE RL278

Page 1 of 6

LOGGED BY T.O. Kuhl

VEIN TYPES

- FINE-GRAINED TUFF
- BEDDED BUD LLT
- VOLCANICLASTIC
- PORPHYRITIC TUFF
- FLOW BANDED TUFF

- DRUZY QUARTZ
- Xc CHALCEDONIC
- Xk STOCKWORK
- Ca CALCITE
- HYDROTHERMAL BRECCIA VNS
- Ba BARITE

FT.	LITHO	FRACTS FAULTS	VEIN TYPES	BLEACH W	BLEACH M	BLEACH S	CLAY W	CLAY M	CLAY S	SILIC W	SILIC M	SILIC S	COLOR	% FeOx W	% FeOx M	% FeOx S	% SULF.	COMMENTS		ROD CONN.	Au	Ag	✓
													Burg.					0-30 OVERBURDEN		✓	.001	.006	.001
05																					.001	.003	
10																					.001	.009	
15																					.001	.006	
20																				✓	.018	.012	
25																					.006	.012	
30													Hgrn Tan				rare to	30-55 Hgreenish gry	Bleached		.005	.012	
35																	Tr	fg. Volc. Trof relict			.004	.006	
40																		phenos Alteration		✓	.003	.006	
45													Tan					fades 45-55	Less Bleached.		.004	.003	
50																					.007	.035	
55													Burg.					55-85 Burgundy fg	Flesh.		.003	.012	
60																		Volc. Rare. Blk mafic phenos	Local Hmt stain? along fractures	✓	.004	.003	
65																					.003	.006	
70																					.001	.003	
75																			Rods torquing up		.001	<.003	
80																					.001	.003	
85													Burg Tan				Tr	85 to 110 Hgrn to grygrn fg Volc; Sparse	Weak mottled Flesh Alt	✓	.001	.009	.001
90													Hgrn					phenos; Rare Diss euh py.	Imt pervasiv. Imt along fractures		.003	.006	
95													Hgrn grg.								.001	.003	
100																							

NOTE SULFIDES IN COMMENTS: Py Mc Cp Pr Sb

LAC MINERALS (U.S.A.) INC.
ROSEBUD PROJECT

DRILL HOLE RL298

Page 2 of 6

LOGGED BY T.O. KUHL

FINE-GRAINED TUFF
BEDDED BUD LLT
VOLCANICLASTIC
PORPHYRITIC TUFF
FLOW BANDED TUFF

VEIN TYPES

DRUZY QUARTZ
Xc CHALCEDONIC
XK STOCKWORK
Ca CALCITE
HYDROTHERMAL BRECCIA VNS
Ba BARITE

FT.	LITHO	FRACTS FAULTS	VEIN TYPES	BLEACH W	BLEACH M	BLEACH S	CLAY W	CLAY M	CLAY S	SILIC W	SILIC M	SILIC S	COLOR	% FeOx W	% FeOx M	% FeOx S	% SULF.	COMMENTS		ROD CONN.	Au	Ag	✓
													Ltgrn gry				Tr	85 to 110 continued	mottled Flesh Alt	✓	.030	.009	
105													Lt grn				Tr				.0073	.146	.0090
110																	Tr	110 to 165 Ltgry grn fg Volc. Relict white phenos.			.0005	.012	
15																					.0013	.009	
120													Ltgrn gry							✓	.0002	.009	
25																	Tr				.0003	.009	
130			X Hat py														Tr to 1		Shotgun py		.0013	.029	
35			X Hat py										Barg grn				Tr to 1		mottle Flesh Alt Shotgun py		.0003	.006	
140																	Tr		10% Fresh chips	✓	.0001	.006	
45																			mottle flesh Alt		<.0001	.006	
150													Lt grn								<.0001	.006	
55			X Qp																		<.0001	.009	
160																				✓	.0020	.023	
65													Ltgrn gry				Tr to 1	165–200 Ltgry to wh.			.0085	.053	
170			X Q															Fg Volc? Diss euh py; wkly developed Bxa texture (primary)	(?) Chl phenos		.0100	.050	.0095
75																			Drusy Qtz inlets w/ py centers.		.0023	.058	
180			X Qp															Local microbanding Local Zones of	SiO2 zones with py	✓	.0090	.082	
85			X Qp										Ltgrn gry					SiO2 + py			.0007	.026	
190			X Qp																		.0036	.044	
95																			SiO2 + Flesh microbans.		.0004	.018	
200																							

Propylitic (?)

NOTE SULFIDES IN COMMENTS: Py Mc Cp Pr Sb

LAC MINERALS (U.S.A.) INC.
ROSEBUD PROJECT

DRILL HOLE RL278

Page 2 of 6

LOGGED BY T.D. KUHL

VEIN TYPES

- FINE-GRAINED TUFF
- BEDDED BUD LLT
- VOLCANICLASTIC
- PORPHYRITIC TUFF
- FLOW BANDED TUFF
- DRUZY QUARTZ
- Xc CHALCEDONIC
- Xk STOCKWORK
- Ca CALCITE
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FT.	LITHO	FRACTS FAULTS	VEIN TYPES	BLEACH W	BLEACH M	BLEACH S	CLAY W	CLAY M	CLAY S	SILIC W	SILIC M	SILIC S	COLOR	% FeOx W	% FeOx M	% FeOx S	% SULF.	COMMENTS		ROD CONN.	Ag	Au	✓
													ltgry grn				Tr to	200 to 285 ltgry grn		✓	.0003	.009	
205																	1	fg Volc. Diss euh pye Also			.0003	.006	
210																	↓	Very fg diss OR Blk mineral	mottle flesh Alt and microvning		.0002	.006	
15																	1	Local drusy Qtz inlets with py (cpy?)	py localized along SiO2 zones?		.0002	.012	
220																		centers. Rare white		✓	.0020	.038	
25													ltbrn					relict phenos. and Grn chl?)			.0130	.067	
230													ltgry grn					phenos.			.0015	.038	
35			py																Drusy Qtz w/ py (cpy?)		.0091	.041	
240																				✓	.0032	.050	
45																			(?chl phenos		.0159	.061	
250																			pale silver metallic sulfide.		.0002	.015	
55																					.0008	.018	.0009
260																			Wk Kool clots w/ py.	✓	.0048	.035	
65		Δ	Xqp																Blk SiO2 frags.		.0054	.120	
270		Δ	Xqp																Blk SiO2 frags		.0148	.093	
75		Δ	Xq																Blk SiO2 frags		.0022	.047	
280																				✓	.0025	.020	
85																	1	285-315 ltgry fg Volc.	Rare flesh Alt		.0070	.055	
290																			relict wh. phenos				
																	1	Grn clots after phenos? (chl?)			.0065	.020	
95																							
300																	1				.021	.023	

Prop. ? or Silic. ?

Alt.

(Pervasive Green

NOTE SULFIDES IN COMMENTS: Py Mc Cp Pr Sb

LAC MINERALS (U.S.A.) INC.
ROSEBUD PROJECT

DRILL HOLE RL278

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VEIN TYPES

- FINE-GRAINED TUFF
- BEDDED BUD LLT
- VOLCANICLASTIC
- PORPHYRITIC TUFF
- FLOW BANDED TUFF
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- XK STOCKWORK
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FT.	LITHO	FRACTS FAULTS	VEIN TYPES	BLEACH W	BLEACH M	BLEACH S	CLAY W	CLAY M	CLAY S	SILIC W	SILIC M	SILIC S	COLOR	% FeOx W	% FeOx M	% FeOx S	% SULF.	COMMENTS		ROD CONN.	Au	Ag	✓
													lt grn grn				1	285-315 cont.	Tr mottled Flesh Alt.	✓	.0041	.029	
305																	Tr				.0015	.038	
310		△ △	XQP														Tr						
15			XQP														1 to 3	SiO_2 Zone + wh. Kool.	25% Q Vn. material. Abund py in SiO_2 frags.		.0362	.117	
320			XQP														1 to 2		Argillic Zone with fiss enh. py.	✓	.0054	.055	
25			XQP XQP.															Tr moisture			.0662	1.480	.066
30																	2 to 3	Tr moisture.	Blk SiO_2 + py.		.2519	9.782	.2470
35			XKaolpy.														Tr to 1	335 to 435 Sage Grn to	Unlots of Kaol + py		.0071	.336	
340																		lt gry grn. fg vdk.	Rare Flesh Alt.	✓	.0034	.187	.0036
45																		Sparse relict phenos.			.0590	.286	.0564
350																					.0282	.204	
55																					.0052	.099	
360			XQP																		.0137	.067	
65																		Go Wet.		✓	.1190	.377	.1134
370																			Tr mistooning		.0233	.237	
75			XQP.																		.0041	.029	
380																					.0016	.020	
85																			Blk SiO_2 + py frags.	✓	.0630	1.434	.0640
390																			Subtle very fine frag relict text.		.0055	.102	
95																					.013	.032	
400																							

Strict. Vuing

Alt. (Prop or Serifite?)

Go Wet.

NOTE SULFIDES IN COMMENTS: Py Mc Cp Pr Sb

LAC MINERALS (U.S.A.) INC.
ROSEBUD PROJECT

DRILL HOLE RL278

Page 5 of 6

LOGGED BY T.O. Kuhl

VEIN TYPES

- FINE-GRAINED TUFF
- BEDDED BUD LLT
- VOLCANICLASTIC
- PORPHYRITIC TUFF
- FLOW BANDED TUFF

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FT.	LITHO	FRACTS FAULTS	VEIN TYPES	BLEACH W	BLEACH M	BLEACH S	CLAY W	CLAY M	CLAY S	SILIC W	SILIC M	SILIC S	COLOR	% FeOx W	% FeOx M	% FeOx S	% SULF.	COMMENTS		ROD CONN.	Au	Ag	✓
													lt grn grn				Tr to 1	335-435 cont.	Tr of Flesh Alt relict frag text	✓	.016	.038	
405																					.0073	.257	
410																					.0023	.099	
15																					.0070	.181	
420																				✓	.0037	.193	
25																					.0092	.286	.010
430																					.0020	.064	
35													Burg				Tr	435-455 mottled Burg fg volc; Frag texture.	(Matrix may be weakly SiO_2 (?))		.0163	.333	
440			Contact @ 439																				
45																				✓	.0061	.283	
450																					.0081	.231	
55																					.0020	.055	
460													lt grn				Tr to 1	455-465 lt grn fg volc. chl. plates	Relict frag. texture		.0117	.444	
65																				✓	.0120	.561	
470													Burg to grn				Tr	465-485 mixed lt grn fg Volc + Burg. fg. Volc.			.0159	.704	
75																					.0063	.178	
480																					.0083	.330	
85																				✓	.0028	.123	
490													lt grn				Tr to 1	485-520 lt grn fg. volc.	relict frag-text. wk mottle flesh Alt		.0061	.239	
95																					.0017	.053	
500																					.0048	.289	

NOTE SULFIDES IN COMMENTS: Py Mc Cp Pr Sb

LAC MINERALS (U.S.A.) INC.
ROSEBUD PROJECT

DRILL HOLE RL278

Page 6 of 6

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FINE-GRAINED TUFF
BEDDED BUD LLT
VOLCANICLASTIC
PORPHYRITIC TUFF
FLOW BANDED TUFF

VEIN TYPES

DRUZY QUARTZ
Xc CHALCEDONIC
Xk STOCKWORK
Ca CALCITE
HYDROTHERMAL BRECCIA VNS
Ba BARITE

FT.	LITHO	FRACTS FAULTS	VEIN TYPES	BLEACH W	BLEACH M	BLEACH S	CLAY W	CLAY M	CLAY S	SILIC W	SILIC M	SILIC S	COLOR	% FeOx W	% FeOx M	% FeOx S	% SULF.	COMMENTS		ROD CONN.	Au	Ag	✓
			Xq										lt grn.				Tr to 1	485 to 520 cont.		✓	.050	.146	
505																					.010	.312	
510																					.027	.111	.032
15																					.021	.085	
520													Burg					Burg. fg volc. freq text.	10% Grn Alt volc	✓	.044	.149	
25																					.031	.102	
530																		530-545 Grn Alt Volc			.012	.038	
35																					.008	.032	
540																				✓	.037	.137	
45																		545-560 Fresh Volc.			.016	.088	
550																					.021	.061	
55																					.019	.064	
560																		560-585 Grn Alt Volc		✓	.029	.067	
65																					.025	.070	
570																					.017	.064	
75																					.015	.091	
580																				✓	.031	.114	
85																		Burg fresh Volc.			.032	.254	
590																					.008	.016	
95																					.004	.022	
600																							
605																			Hole TD'd @ 605' Still injecting. Hole maybe making 1-2gpm?	✓	.078	.339	

NOTE SULFIDES IN COMMENTS: Py Mc Cp Pr Sb

BARRINGER LABORATORIES INC.

15000 W. 6TH AVE., SUITE 300
GOLDEN, COLORADO 80401
PHONE: (303) 277-1687

5301 LONGLEY LANE
BUILDING E, SUITE 178
RENO, NEVADA 89511
PHONE: (702) 828-1158

LAC MINERALS
P O BOX 21390
RENO NV 89515

21-Oct-92

Page: 6
Copy: 1 of 2
Set : 2

Attn: Tim Kuhl
Project:

PO #:

Received: 13-Oct-92 19:52

Job: 922714R

Status: Final

Abbreviations:

Parameters:

Au	: Gold
Ag	: Silver

Methods:

FA/AA/AAS	: Fire Assay/AA Finish
FA/AA	: Fire Assay with AA finish
AA	: Atomic Absorption

Units:

oz/ton	: ounces per ton

Quality codes:

<	: less than
MS	: Missing
NA	: Not Analyzed

Job approved by:

Signed: .....

Vernon K. Peterson
Laboratory Manager

RL- 278

FAXED ANALYTICAL REPORT

FROM: Vernon K. Peterson
Barringer Laboratories, Inc.

TO :
LAC MINERALS
P O BOX 21390
RENO NV 89515

JOB : 922714

BARRINGER LABORATORIES INC.

15000 W. 6TH AVE., SUITE 300
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Status: Final

Cutting

Sample Id	Au FA/AA/AAS oz/ton	Au FA/AA oz/ton	Ag AA oz/ton
RL278 0 5	0.0001	0.0001	0.006
BL-085	0.0497	NA	NA
RL278 5 10	0.0004	NA	0.003
RL278 10 15	0.0001	NA	0.009
RL278 15 20	0.0001	NA	0.006
RL278 20 25	0.0018	NA	0.012
RL278 25 30	0.0006	NA	0.012
RL278 30 35	0.0005	NA	0.012
RL278 35 40	0.0004	NA	0.006
RL278 40 45	0.0003	NA	0.006
RL278 45 50	0.0004	NA	0.003
RL278 50 55	0.0022	NA	0.035
RL278 55 60	0.0003	NA	0.012
RL278 60 65	0.0004	NA	0.003
RL278 65 70	0.0003	NA	0.006
RL278 70 75	0.0001	NA	0.003
RL278 75 80	0.0001	NA	<0.003
RL278 80 85	<0.0001	NA	0.003
RL278 85 90	0.0001	0.0002	0.009
BL-086	0.0507	NA	NA
RL278 90 95	0.0003	NA	0.006
RL278 95 100	0.0001	NA	0.003
RL278 100 105	0.0030	NA	0.009
RL278 105 110	0.0073	0.0090	0.146
RL278 110 115	0.0005	NA	0.012
RL278 115 120	0.0013	NA	0.009
RL278 120 125	0.0002	NA	0.009
RL278 125 130	0.0003	NA	0.009
RL278 130 135	0.0013	NA	0.029
RL278 135 140	0.0003	NA	0.006

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Sample Id	Au FA/AA/AAS oz/ton	Au FA/AA oz/ton	Ag AA oz/ton
RL278 140 145	0.0001	NA	0.006
RL278 145 150	<0.0001	NA	0.006
RL278 150 155	<0.0001	NA	0.006
RL278 155 160	<0.0001	NA	0.009
RL278 160 165	0.0020	NA	0.023
RL278 165 170	0.0085	NA	0.053
RL278 170 175	0.0100	0.0095	0.050
BL-087	0.0301	NA	NA
RL278 175 180	0.0023	NA	0.058
RL278 180 185	0.0090	NA	0.082
RL278 185 190	0.0007	NA	0.026
RL278 190 195	0.0036	NA	0.044
RL278 195 200	0.0004	NA	0.018
RL278 200 205	0.0003	NA	0.009
RL278 205 210	0.0003	NA	0.006
RL278 210 215	0.0002	NA	0.006
RL278 215 220	0.0002	NA	0.012
RL278 220 225	0.0020	NA	0.038
RL278 225 230	0.0130	NA	0.067
RL278 230 235	0.0015	NA	0.038
RL278 235 240	0.0091	NA	0.041
RL278 240 245	0.0032	NA	0.050
RL278 245 250	0.0159	NA	0.061
RL278 250 255	0.0002	NA	0.015
RL278 255 260	0.0008	0.0009	0.018
BL-088	<0.0001	NA	NA
RL278 260 265	0.0048	NA	0.035
RL278 265 270	0.0054	NA	0.120
RL278 270 275	0.0128	NA	0.193
RL278 275 280	0.0022	NA	0.047

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Sample Id	Au FA/AA/AAS oz/ton	Au FA/AA oz/ton	Ag AA oz/ton
RL278 280 285	0.0025	NA	0.020
RL278 285 290	0.0070	NA	0.055
RL278 290 295	0.0065	NA	0.020
RL278 295 300	0.0021	NA	0.023
RL278 300 305	0.0041	NA	0.029
RL278 305 310	0.0015	NA	0.038
RL278 310 315	MS	MS	MS
RL278 315 320	0.0362	NA	0.117
RL278 320 325	0.0054	NA	0.055
RL278 325 330	0.0662	0.0660	1.480
RL278 330 335	0.2519	0.2640	9.782
RL278 335 340	0.0071	NA	0.336
RL278 340 345	0.0034	0.0036	0.187
BL-089	0.0479	NA	NA
RL278 345 350	0.0590	0.0564	0.286
RL278 350 355	0.0282	NA	0.204
RL278 355 360	0.0052	NA	0.099
RL278 360 365	0.0137	NA	0.067
RL278 365 370	0.1190	0.1134	0.377
RL278 370 375	0.0233	NA	0.237
RL278 375 380	0.0041	NA	0.029
RL278 380 385	0.0016	NA	0.020
RL278 385 390	0.0630	0.0640	1.434
RL278 390 395	0.0055	NA	0.102
RL278 395 400	0.0013	NA	0.032
RL278 400 405	0.0016	NA	0.038
RL278 405 410	0.0093	NA	0.257
RL278 410 415	0.0023	NA	0.099
RL278 415 420	0.0070	NA	0.181
RL278 420 425	0.0037	NA	0.193

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Received: 13-Oct-92 19:52

Job: 922714R

Status: Final

Cutting

Sample Id	Au FA/AA/AAS oz/ton	Au FA/AA oz/ton	Ag AA oz/ton
RL278 560 565	0.0029	NA	0.067
RL278 565 570	0.0025	NA	0.070
RL278 570 575	0.0017	NA	0.064
RL278 575 580	0.0015	NA	0.091
RL278 580 585	0.0031	NA	0.114
RL278 585 590	0.0072	NA	0.254
RL278 590 595	0.0008	NA	0.006
BL-092	0.0460	NA	NA
RL278 595 600	0.0044	NA	0.082
RL278 600 605	0.0078	NA	0.339

21-Oct-92

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Cutting

Sample Id	Au FA/AA/AAS oz/ton	Au FA/AA oz/ton	Ag AA oz/ton
RL278 0 5	0.0001	0.0001	0.006
BL-085	0.0497	NA	NA
RL278 5 10	0.0004	NA	0.003
RL278 10 15	0.0001	NA	0.009
RL278 15 20	0.0001	NA	0.006
RL278 20 25	0.0018	NA	0.012
RL278 25 30	0.0006	NA	0.012
RL278 30 35	0.0005	NA	0.012
RL278 35 40	0.0004	NA	0.006
RL278 40 45	0.0003	NA	0.006
RL278 45 50	0.0004	NA	0.003
RL278 50 55	0.0022	NA	0.035
RL278 55 60	0.0003	NA	0.012
RL278 60 65	0.0004	NA	0.003
RL278 65 70	0.0003	NA	0.006
RL278 70 75	0.0001	NA	0.003
RL278 75 80	0.0001	NA	<0.003
RL278 80 85	<0.0001	NA	0.003
RL278 85 90	0.0001	0.0002	0.009
BL-086	0.0507	NA	NA
RL278 90 95	0.0003	NA	0.006
RL278 95 100	0.0001	NA	0.003
RL278 100 105	0.0030	NA	0.009
RL278 105 110	0.0073	0.0090	0.146
RL278 110 115	0.0005	NA	0.012
RL278 115 120	0.0013	NA	0.009
RL278 120 125	0.0002	NA	0.009
RL278 125 130	0.0003	NA	0.009
RL278 130 135	0.0013	NA	0.029

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Job: 922714R

Status: Final

Cutting

Sample Id	Au FA/AA/AAS oz/ton	Au FA/AA oz/ton	Ag AA oz/ton
RL278 135 140	0.0003	NA	0.006
RL278 140 145	0.0001	NA	0.006
RL278 145 150	<0.0001	NA	0.006
RL278 150 155	<0.0001	NA	0.006
RL278 155 160	<0.0001	NA	0.009
RL278 160 165	0.0020	NA	0.023
RL278 165 170	0.0085	NA	0.053
RL278 170 175	0.0100	0.0095	0.050
~~BL-087~~	~~0.0301~~	~~NA~~	~~NA~~
RL278 175 180	0.0023	NA	0.058
RL278 180 185	0.0090	NA	0.082
RL278 185 190	0.0007	NA	0.026
RL278 190 195	0.0036	NA	0.044
RL278 195 200	0.0004	NA	0.018
RL278 200 205	0.0003	NA	0.009
RL278 205 210	0.0003	NA	0.006
RL278 210 215	0.0002	NA	0.006
RL278 215 220	0.0002	NA	0.012
RL278 220 225	0.0020	NA	0.038
RL278 225 230	0.0130	NA	0.067
RL278 230 235	0.0015	NA	0.038
RL278 235 240	0.0091	NA	0.041
RL278 240 245	0.0032	NA	0.050
RL278 245 250	0.0159	NA	0.061
RL278 250 255	0.0002	NA	0.015
RL278 255 260	0.0008	0.0009	0.018
BL-088	<0.0001	NA	NA
RL278 260 265	0.0048	NA	0.035
RL278 265 270	0.0054	NA	0.120

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Sample Id	Au FA/AA/AAS oz/ton	Au FA/AA oz/ton	Ag AA oz/ton
RL278 270 275	0.0128	NA	0.193
RL278 275 280	0.0022	NA	0.047
RL278 280 285	0.0025	NA	0.020
RL278 285 290	0.0070	NA	0.055
RL278 290 295	0.0065	NA	0.020
RL278 295 300	0.0021	NA	0.023
RL278 300 305	0.0041	NA	0.029
RL278 305 310	0.0015	NA	0.038
RL278 310 315	MS	MS	MS
RL278 315 320	0.0362	NA	0.117
RL278 320 325	0.0054	NA	0.055
RL278 325 330	0.0662	0.0660	1.480
RL278 330 335	0.2519	0.2640	9.782
RL278 335 340	0.0071	NA	0.336
RL278 340 345	0.0034	0.0036	0.187
~~BL-089~~	~~0.0479~~	~~NA~~	~~NA~~
RL278 345 350	0.0590	0.0564	0.286
RL278 350 355	0.0282	NA	0.204
RL278 355 360	0.0052	NA	0.099
RL278 360 365	0.0137	NA	0.067
RL278 365 370	0.1190	0.1134	0.377
RL278 370 375	0.0233	NA	0.237
RL278 375 380	0.0041	NA	0.029
RL278 380 385	0.0016	NA	0.020
RL278 385 390	0.0630	0.0640	1.434
RL278 390 395	0.0055	NA	0.102
RL278 395 400	0.0013	NA	0.032
RL278 400 405	0.0016	NA	0.038
RL278 405 410	0.0093	NA	0.257

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Sample Id	Au FA/AA/AAS oz/ton	Au FA/AA oz/ton	Ag AA oz/ton
RL278 410 415	0.0023	NA	0.099
RL278 415 420	0.0070	NA	0.181
RL278 420 425	0.0037	NA	0.193
RL278 425 430	0.0092	0.0100	0.286
~~BL-090~~	~~0.0161~~	~~NA~~	~~NA~~
RL278 430 435	0.0020	NA	0.064
RL278 435 440	0.0163	NA	0.333
RL278 440 445	0.0061	NA	0.283
RL278 445 450	0.0081	NA	0.231
RL278 450 455	0.0020	NA	0.055
RL278 455 460	0.0117	NA	0.444
RL278 460 465	0.0120	NA	0.561
RL278 465 470	0.0159	NA	0.704
RL278 470 475	0.0063	NA	0.178
RL278 475 480	0.0083	NA	0.330
RL278 480 485	0.0028	NA	0.123
RL278 485 490	0.0061	NA	0.239
RL278 490 495	0.0014	NA	0.053
RL278 495 500	0.0048	NA	0.289
RL278 500 505	0.0050	NA	0.146
RL278 505 510	0.0100	NA	0.312
RL278 510 515	0.0027	0.0032	0.111
~~BL-091~~	~~0.0485~~	~~NA~~	~~NA~~
RL278 515 520	0.0021	NA	0.085
RL278 520 525	0.0044	NA	0.149
RL278 525 530	0.0031	NA	0.102
RL278 530 535	0.0012	NA	0.038
RL278 535 540	0.0008	NA	0.032
RL278 540 545	0.0037	NA	0.137

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Sample Id	Au FA/AA/AAS oz/ton	Au FA/AA oz/ton	Ag AA oz/ton
RL278 545 550	0.0016	NA	0.088
RL278 545 550	0.0021	NA	0.061
RL278 550 555	0.0019	NA	0.064
RL278 555 560	0.0024	NA	0.085
RL278 560 565	0.0029	NA	0.067
RL278 565 570	0.0025	NA	0.070
RL278 570 575	0.0017	NA	0.064
RL278 575 580	0.0015	NA	0.091
RL278 580 585	0.0031	NA	0.114
RL278 585 590	0.0072	NA	0.254
RL278 590 595	0.0008	NA	0.006
~~BL-092~~	~~0.0460~~	~~NA~~	~~NA~~
RL278 595 600	0.0044	NA	0.082
RL278 600 605	0.0078	NA	0.339

BARRINGER LABORATORIES INC.

15000 W. 6th AVE. SUITE 300
GOLDEN, COLORADO 80401
PHONE: (303) 277-1687
FAX: (303) 277-1689

1455 DEMING WAY, #15
SPARKS, NEVADA 89431
PHONE: (702) 358-1158
FAX: (702) 356-9189

3382 HWY 12 EAST
HELENA, MONTANA 59601
PHONE: (406) 442-6383
FAX: (406) 442-9757

5451 GLACIER HWY.
JUNEAU, ALASKA 99801

SHIPPING NO. 12336

WORK ORDER NO. 922714
DATE RECEIVED 10/14/92
PURCHASE ORDER NO.
PROJECT NO.
DATE SHIPPED 10/13
SHIPPED VIA. Lac
NO. OF CARTONS
NO. OF SAMPLES 121

GEOCHEMICAL LABORATORY INSTRUCTION SHEET

COPY OF RESULTS TO	RESULTS AND INVOICE TO
Lac Minerals	Lac Minerals
356-8058	1395 Greg St. #107
	Sparks, NV 89431
	AUTHORITY: Tim Kuhl

NO. OF SAMPLES	SAMPLE TYPE	LIST OF SAMPLE NUMBERS	ELEMENTS REQUESTED	METHOD
121		RL278 0-5		
		thru	Au Ag per	
		RL278 600-605	Contract	

SAMPLE DISPOSITION	PULPS	REJECTS	WATERS
STORE 60 DAYS AND RETURN			
STORE 60 DAYS AND DISCARD			
RETURN AFTER ANALYSIS (Avg. 30 days)			
DISCARD AFTER ANALYSIS (Avg. 30 days)			
HOLD FOR PICKUP WITHIN 30 DAYS			

ADDITIONAL INSTRUCTIONS:

COARSE REJECTS WILL BE DISCARDED UNLESS OTHERWISE REQUESTED