60001426

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-218
AUTHOR	T. Kuhl; K. Kenner; R. Donata; S. Adams
DATE OF DOC(S)	1991
MULTI_DIST Y / N? Additional Dist_Nos:	
QUAD_NAME	Sulphur 7.5'
P_M_C_NAME (mine, claim & company names)	Rosebud Mine; Rosebud Project; Far East; Lac Minerals (USA), Inc; Stevens Drilling; Bandor-Clegg, Inc; Chemex Labs, Inc
COMMODITY If not obvious	gold silver
NOTES	Drill log; geology; assay; total depth 940' handwritten notes 21p

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 5/21/08
Initials Date

DB: MCL
Initials Date

SCANNED:
Initials Date

Revised: 1/22/08

Drill Log
Rosebud

RL-218

FAR EAST

66001436 4010

60001436

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

DRILL LOG SUMMARY SHEET

PROJECT Rosebud

HOLE NUMBER RL 218 TOTAL DEPTH 940 LOGGED BY RKS

Date started 9/18/91

Date completed 10/2/91

Initial bearing –

Initial inclination -90°

Elevation 5366.4

Collar coordinates:

N 2203946.0

E 483414.6

Contractor: Stevens

Drill Type: RC

Hole Size: 5¼

Drilling Conditions:

Footage: Wet / Dry 0-255 dry

255-940 wet

Comments: Blew the rig motor and had alot of down time

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

FINE-GRAINED TUFF
LITHIC LAPILLI TUFF

ARGILLIC
XX SILICIFICATION
OX OXIDIZED
XXXXXX DRUZY QUARTZ
XC CHALCEDONIC QUARTZ
XK STOCKWORK QUARTZ
P P P PROPYLITIZATION
Ca CALCITE

DRILL HOLE RL-218

Page 1 of 10

LOGGED BY _____

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	% WASH RECOV.
									Brn Brn-red					Qal	<	.04		
05									Brn Brn-red Org Yllw					Ct (w/mod clay alt & FeOx)	<L	<L		
10									Org Yllw				0		<	<		
15																<		
20																<		
25																.11		
30																.05		
35																.06		
40																.07		
45									Brn Brn-org					(wk Clay alt & wk to mod FeOx) 9/18 9/20 [Broke down 8:30am Drill 5min. & Broke down again → all day]		.06		
50																.06		
55														(Drilled for 5 minutes from 9:40 to 9:45 am)	<L	<L		
60															<	.03		
65														* [Broke down - Fan Belts Drilling at 1:15 pm]		.03		
70									lt. Grey							<		
75									lt Grey Brn-org Brn				.1	oxide → sulfide (Mod to Strg. Clay alt) Redox Bound 1st sulfide show		<		
80									lt Grey Peach Brn-org				.5	(Strg Clay alt)	<L	<L		
85									lt Grey-Brn Peach Brn-org					(mod clay alt → FeOx on Frax)	<	<		
90																		
95																		
100																		

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Page 2 of 10

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	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	% WASH RECOV.
		N N N							lt Grey-Peach				.5	Ct - slight incr. sulfides	<	.03		
105		N N N												(Incr. Bleach) damp	<	.03		
110		N N N							& white						<</<	.02/<		
115		N N N													<	<		
120		N N N														.04		
125		N N							lt Green-Grey Flesh							<		
130		N N														.03		
135		N N														<		
140		N N														.03		
145		N											.1	(Decr. Sulf.)		.04		
150		N											.1			.03		
155		N							& Brown				.1			<		
160		N							lt Green-Grey Brn-red				.1		<</<	<</<		
165		N							lt Green-Grey Flesh				.1		<	.03		
170		N							lt Grey lt Grey-Green Flesh				.5	(Incr Bleach & sulf.)		<		
175		N N														.04		
180		N N														.05		
185		N							lt Green-Grey Flesh				.1	Decr sulf & Bleach		.03		
190		N														<		
195		N														.03		
200																		

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DRILL HOLE RL-218

Page 3 of 10

LOGGED BY _____

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	% WASH RECOV.
		N							lt Green-Gry Brn-red				.1	Ct (wk to v.w. alt)	<	.03		
205		N							↓				.1	↓	<	<		
210		N							lt Grey-Grn Olive Flesh Flesh-org				.1	(wk alt.)	4/<	4/<		
215		N							lt Grey-Grn Brn-red Pink				.1	(v.w. alt.)	<	.02		
220									Brn-red				0	(No alt.)	<	<		
225													0	↓	<	.03		
230															<	<		
235															<	<		
240															<	<		
245															<	.03		
250		NN							lt Green lt Green-Grey Flesh				.1	(wk alt.) [H_2O]	<	.04		
255		NNN											.5		<	.09		
260		NN													</<	.06/.08		
265		NN													<	.09		
270		NN													<	.05		
275		NN													<	.05		
280		NN							lt Green Flesh						<	.04		
285		NN												(w/ trace contam.)	4/.03	.07		
290		NN													<	.06		
295		NN													<	.03		
300																		

H_2O

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Page 4 of 10

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	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	% WASH RECOV.
		~							lt Green Brn-red				.1	Ct (v.w. alt)	<</<	.04/.03		
305									Brn-red				0	(No alt.)	<	<		
310													0		<	<		
315															<</<	<</<		
320		~							lt Green Brn-red				.1	v.w. alt.	<	<		
325		~							lt Green Flesh						.003	.14		
330									lt Green Brn-red						.005	.17		
335															<	.02/<		
340		~													<	.06		
345									Brn-red Purp-red				0	(No alt)	<	.04		
350															<	<		
355															<	<		
360															<	<		
365															<</<	.05/.05		
370															<	.02/<		
375															<	<		
380															<	<		
385															<	<		
390															<	<		
395															<	<		
400																		

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Page 5 of 10

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	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	% WASH RECOV.
									Brn-red Purp. red				0	Ct - (Not much Happening)	<	<		
405													0			.02		
410									lt Green				.1			.03		
415													.1		4/<	4/<		
420													0		<			
425																		
430																		
435																		
440																		
445																		
450																		
455																		
460																		
465																		
470									lt Green Olive				.1	v.w. alt	4/<	.22/.23		
475									Brn-red Flesh lt Green				.1		<	.03		
480									Brn-red Purp. red				0	No - alt.	<	.03		
485															<	<		
490															<	<		
495															4/<	.04		
500															<	<		

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Page 6 of 10

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	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	% WASH RECOV.
									Purp-Lav Purp-red				0	Ct - [No alt.]	<	<		
505																		
510																		
515									± lt Green				.1					
520													.1		4/<	4/<		
525													0		<	<		
530									Purp-Blue Purp-red						<	.02		
535															<	<		
540															<	.02		
545													.1		<	<		
550													0	(trace calc. vn)	4/<	<		
555													.1		<	<		
560													0		<	<		
565									± lt Green				.1		4/<	4/<		
570													.1		<	<		
575													0		<	<		
580		N							± Flesh lt Green				.1	Incr. sulf & vw Bleaching	<	.02		
585		N							lt Green lt Grey Flesh				.5	(w/ calc vn)	<	.03		
590									Purp-Lav Purp-red Purp-Blue				.1	(trace calc vn)	<	<		
595		N							lt Grey lt Grey-Olive				.5	Mod Bleach	<	.04		
600																		

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	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	% WASH RECOV.
605									lt Grey Grey lt Grn				.5	Ct - (mod to Strg Bleach) (w/ calc. un) slight incr sulf.	<	.03		
610									↓				.5		<	.03		
615									lt Grey Flesh-Brn				1	(trace wht kaolin un)	<	.07		
620									lt Grey Grey wht Flesh-Brn				1	w/ Chalcopy, Kaolin & Qtz un also minor Grey silica Flood	.004	.06		
625									lt Grey lt Green Flesh Brn Dark Grey				1	Brecciated w/ Dark Grey to Black silica Flood and Kaolin un; minor chalco Py 9/21	.005 / .007	.16 / .15		
630									lt. Green wht lt Grey flesh					Blew an engine the rig motor 10/1	.024 / .035	.08 / .08		
635														October 1st	.031	.11		
640															.086	.17		
645															.013	.05		
650															.028	.10		
655														Brecciated	.038 / .038	.11 / .11		
660														(trace Brite)	.048	.18		
665															.017	.09		
670															.012	.10		
675															.020	.09		
680															.029 / .026	.12 / .12		
685														(Ct or Pt ?) trace Breccia	.013	.08		
690									flesh wht lt Grey					Strg Bleach	.016	.09		
695															.016	.07		
700															.017	.08		

>40gpm Increase H2O

Brx

H2O >50gpm

Major fault zone may be SRFZ (?)

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Page 8 of 10

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	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	% WASH RECOV.
									flesh Pale Green wht lt Grey				1	Ct - wk Bx	.007	.06		
105														Strg Bx & sltd	.013	.09		
110															<	.06		
115														(wk to mod Bx)	<	.06		
120															.006	.09		
125															.006	.17		
130														(trace Drk Gray to Blck Qtz)	.003/.004	.11/.13		
135														(Mod Drk Gray to Blck Qtz & wht Kaolin)	.011	.30		
140															.005	.16		
145													2		.010	.46		
150									lt Green wht				2	(Dozer Tuff - w/ Strg Ag alt and strg wht Kaolin)	<	.11		
155													2	(trace Barite)	.013	.22		
160													3		.005	.25		
165													1	(Note w/in Kaolin un → strg Py & Blck Ag S(?) or other Ag mineral ?)	<	.08		
170									lt Green Olive wht				1		<	.07		
175													2		.004	.11		
180													3		.007/.008	.23/.25		
185													2		.007	.27		
190													1		.004	.15		
195													1		.007	.25		
800																		

major H_2O +75 gpm

SRFZ

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DRILL HOLE RL-218

Page 9 of 10

10

10/8 see

LOGGED BY _____

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	% WASH RECOV.
									lt Green wht				2	Dt - (w/ strg Arg alt & wht Kaolin un & w/ Py; AgS? and Barite in kaolin un)	.014	.50		
805															.010	.39		
810															.010	.22		
815															.010	.25		
820															.015	.19		
825													1	(trace wht Kaolin)	.012	.10		
830													1	(Strg Bleach) (trace Drk Grey to Blck Qtz)	.004/.004	.10/.13		
835													1	80 gpm	.006	.13		
840													1	(trace Barite) Note: (Rck looks like Ct w/chloritized Pheno's)	.009	.23		
845									lt Green Green lt Grey				.5		.013	.16		
850													.5		.022	.25		
855													1	(w/ minor Kaolin) 10/1 10/2	.013	.28		
860									& wht				1	(w/ strg Kaolin & trace Blck Qtz)	.016	.36		
865													2		.019	.54		
870													2	(Break down 10:00 am)	.015	.37		
875													1	(w/ minor Kaolin)	.006	.10		
880													1		.011/.009	.31/.29		
885													.5	(trace Kaolin)	.009	.14		
890									Green lt Green				.5		.004	.08		
895													.5		<	.09		
900																		

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	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	% WASH RECOV.
									H Green Green H Grey				1	Dt (?) - (w/ minor Kaolin & trace Barite)	.0016	.11		
905		X																
910		X											.5		<.003	.06 .06		
									H Green Green						.006	.41		
915																		
									Green H Green						.010	.16		
920																		
									Purp Purp-Green						.007	.35		
925														(Looks like Ct)				
														(w/ mod Kaolin im)	.007	.24		
930																		
														(trace Kaolin)	.010	.26		
935																		
															.013 .014	.36 .34		
940																		
														TD 2:30 pm				
945																		
950														Water Test for 1 hr				
955													Time minutes →	0 | 15 | 30 | 45 | 60				
960													GPM →	75 | 75 | 75 | 80 | 80				
965																		
970														1 hour water test				
975														Finish at 3:45 pm				
980																		
985																		
990																		
995														Labelled 990-995 but otherwise, unidentified sample.	.010	.16		
1000																		

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

RL218

Geochemical Lab Report

OCT 16 1991

BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: R91-12190.4 (COMPLETE)

REFERENCE INFO: RL218 625-995

CLIENT: IAC MINERALS (USA) INC.
PROJECT: ROSEBUD

SUBMITTED BY: KENNER
DATE PRINTED: 11-OCT-91

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	~~Au~~ DUP	Gold Duplicate	9	0.002 OPT		Fire Assay
2	Au	Gold	67	0.002 OPT		Fire Assay
3	AG DUP	AG DUPLICATE	9	0.02 OPT		Fire Assay
4	Ag	Silver	67	0.02 OPT		Fire Assay

SAMPLE TYPES		NUMBER	SIZE FRACTIONS		NUMBER	SAMPLE PREPARATIONS	NUMBER
Z	OTHER DRILL TYPES	64	2	-150	64	SAMPLE PREP <100LBS	64
P	PREPARED PULP	3	4	AS REC'D	3	DRYING/SAMPLE	62
						AS RECEIVED, NO SP	3
						OVERWEIGHT/LBS	56
						EXCESS WETNESS/SAMP	2

REMARKS: THE FOLLOWING WERE NOT LISTED BUT WERE INCLUDED
RL218 625-630, RL218 990-995

~~REPORT COPIES TO: MR. TIM KUHL~~
MR. TIM KUHL
MS. KRISTIN KENNER

~~INVOICE TO: MR. TIM KUHL~~

Rickey L Ornitz

625-940

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 11-OCT-91

REPORT: R91-12190.4 (COMPLETE)

PROJECT: ROSEBUD

STANDARD NAME	ELEMENT UNITS	Au DUP OPT	Au OPT	AG DUP OPT	Ag OPT	STANDARD NAME	ELEMENT UNITS	Au DUP OPT	Au OPT	AG DUP OPT	Ag OPT
PD SYN STD AU/AG		-	0.036	-	0.37						
PD SYN STD AU/AG		-	0.037	-	0.40						
Number of Analyses		-	2	-	2						
Mean Value		-	0.0369	-	0.385						
Standard Deviation		-	0.00078	-	0.0212						
Accepted Value		-	0.040	-	0.40						
ANALYTICAL BLANK		-	<0.002	-	<0.02						
ANALYTICAL BLANK		-	<0.002	-	<0.02						
Number of Analyses		-	2	-	2						
Mean Value		-	0.0010	-	0.010						
Standard Deviation		-	0.00000	-	0.0000						
Accepted Value		-	0.002	-	0.02						

RL218

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

OCT 16 1991

REPORT: R91-12111.4 (COMPLETE)

REFERENCE INFO: RL 218 H - 625

CLIENT: IAC MINERALS (USA) INC.
PROJECT: ROSEBUD

SUBMITTED BY: STOHBERI
DATE PRINTED: 8-OCT-91

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au DUP	Gold Duplicate	19	0.002 OPT		Fire Assay
2	Au	Gold	131	0.002 OPT		Fire Assay
3	AG DUP	AG DUPLICATE	18	0.02 OPT		Fire Assay
4	Ag	Silver	131	0.02 OPT		Fire Assay

SAMPLE TYPES		NUMBER	SIZE FRACTIONS		NUMBER	SAMPLE PREPARATIONS	NUMBER
Z	OTHER DRILL TYPES	125	2	-150	125	CRUSH,PULVERIZE -150	125
P	PREPARED PULP	6	4	AS REC'D	6	AS RECEIVED, NO SP	6
						DRYING/SAMPLE	125

REPORT COPIES TO: MR. TIM KUHL
MR. TIM KUHL
MS. KRISTIN KENNER

INVOICE TO: MR. TIM KUHL

Rickey L Dunta

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

DATE PRINTED: 8-OCT-91

REPORT: R91-12111.4 (COMPLETE)

PROJECT: ROSEBUD

STANDARD NAME	ELEMENT UNITS	Au DUP OPT	Au OPT	AG DUP OPT	Ag OPT	STANDARD NAME	ELEMENT UNITS	Au DUP OPT	Au OPT	AG DUP OPT	Ag OPT
ANALYTICAL BLANK		-	<0.002	-	<0.02						
ANALYTICAL BLANK		-	<0.002	-	<0.02						
ANALYTICAL BLANK		-	<0.002	-	<0.02						
ANALYTICAL BLANK		-	<0.002	-	<0.02						
Number of Analyses		-	4	-	4						
Mean Value		-	0.0010	-	0.010						
Standard Deviation		-	0.00000	-	0.0000						
Accepted Value		-	0.002	-	0.02						
PD SYN STD AU/AG		-	0.035	-	0.39						
PD SYN STD AU/AG		-	0.038	-	0.34						
PD SYN STD AU/AG		-	0.036	-	0.40						
Number of Analyses		-	3	-	3						
Mean Value		-	0.0363	-	0.377						
andard Deviation		-	0.00153	-	0.0321						
Accepted Value		-	0.040	-	0.40						

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
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702 (359-9330)

BONDAR-CLEGG

Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 8-OCT-91

REPORT: R91-12111.4 (COMPLETE)

PROJECT: ROSEBUD

SAMPLE NUMBER	ELEMENT UNITS	Au DUP OPT	Au OPT	AG DUP OPT	Ag OPT	SAMPLE NUMBER	ELEMENT UNITS	Au DUP OPT	Au OPT	AG DUP OPT	Ag OPT
Z2 RL218 0 5			<0.002		0.04	Z2 RL218 195 200			<0.002		0.03
Z2 RL218 5 10		<0.002	<0.002	<0.02	<0.02	P4 BA 203			0.262		0.09
Z2 RL218 10 15			<0.002		<0.02	Z2 RL218 200 205			<0.002		0.03
Z2 RL218 15 20			<0.002		<0.02	Z2 RL218 205 210			<0.002		<0.02
Z2 RL218 20 25			<0.002		<0.02	Z2 RL218 210 215		<0.002	<0.002	<0.02	<0.02
Z2 RL218 25 30			<0.002		0.11	Z2 RL218 215 220			<0.002		0.02
Z2 RL218 30 35			<0.002		0.05	Z2 RL218 220 225			<0.002		<0.02
Z2 RL218 35 40			<0.002		0.06	Z2 RL218 225 230			<0.002		0.03
Z2 RL218 40 45			<0.002		0.07	Z2 RL218 230 235			<0.002		<0.02
Z2 RL218 45 50			<0.002		0.06	Z2 RL218 235 240			<0.002		<0.02
Z2 RL218 50 55			<0.002		0.06	Z2 RL218 240 245			<0.002		<0.02
Z2 RL218 55 60		<0.002	<0.002	<0.02	<0.02	Z2 RL218 245 250			<0.002		0.03
Z2 RL218 60 65			<0.002		0.03	Z2 RL218 250 255			<0.002		0.04
Z2 RL218 65 70			<0.002		0.03	Z2 RL218 255 260			<0.002		0.09
Z2 RL218 70 75			<0.002		<0.02	Z2 RL218 260 265		<0.002	<0.002	0.06	0.08
RL218 75 80			<0.002		<0.02	Z2 RL218 265 270			<0.002		0.09
Z2 RL218 80 85		<0.002	<0.002	<0.02	<0.02	Z2 RL218 270 275			<0.002		0.05
Z2 RL218 85 90			<0.002		<0.02	Z2 RL218 275 280			<0.002		0.05
Z2 RL218 90 95			<0.002		<0.02	Z2 RL218 280 285			<0.002		0.04
Z2 RL218 95 100			<0.002		<0.02	Z2 RL218 285 290		<0.002	0.003		0.07
P4 BA 202			0.031		0.24	Z2 RL218 290 295			<0.002		0.06
Z2 RL218 100 105			<0.002		0.03	Z2 RL218 295 300			<0.002		0.03
Z2 RL218 105 110			<0.002		0.03	P4 BA 204			0.055		0.10
Z2 RL218 110 115		<0.002	<0.002	<0.02	0.02	Z2 RL218 300 305		<0.002	<0.002	0.04	0.03
Z2 RL218 115 120			<0.002		<0.02	Z2 RL218 305 310			<0.002		<0.02
Z2 RL218 120 125			<0.002		0.04	Z2 RL218 310 315			<0.002		<0.02
Z2 RL218 125 130			<0.002		<0.02	Z2 RL218 315 320		<0.002	<0.002	<0.02	<0.02
Z2 RL218 130 135			<0.002		0.03	Z2 RL218 320 325			<0.002		<0.02
Z2 RL218 135 140			<0.002		<0.02	Z2 RL218 325 330			0.003		0.14
Z2 RL218 140 145			<0.002		0.03	Z2 RL218 330 335			0.005		0.17
Z2 RL218 145 150			<0.002		0.04	Z2 RL218 335 340			<0.002	0.02	<0.02
Z2 RL218 150 155			<0.002		0.03	Z2 RL218 340 345			<0.002		0.06
Z2 RL218 155 160			<0.002		<0.02	Z2 RL218 345 350			<0.002		0.04
Z2 RL218 160 165		<0.002	<0.002	<0.02	<0.02	Z2 RL218 350 355			<0.002		<0.02
Z2 RL218 165 170			<0.002		0.03	Z2 RL218 355 360			<0.002		<0.02
Z2 RL218 170 175			<0.002		<0.02	Z2 RL218 360 365			<0.002		<0.02
RL218 175 180			<0.002		0.04	Z2 RL218 365 370		<0.002	<0.002	0.05	0.05
Z2 RL218 180 185			<0.002		0.05	Z2 RL218 370 375			<0.002	0.02	<0.02
Z2 RL218 185 190			<0.002		0.03	Z2 RL218 375 380			<0.002		<0.02
Z2 RL218 190 195			<0.002		<0.02	Z2 RL218 380 385			<0.002		<0.02

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PROJECT: ROSEBUD

SAMPLE NUMBER	ELEMENT UNITS	Au DUP OPT	Au OPT	AG DUP OPT	Ag OPT
Z2 RL218 385 390			<0.0002		<0.02
Z2 RL218 390 395			<0.0002		<0.02
Z2 RL218 395 400			<0.0002		<0.02
P4 BA 205			0.054		0.10
Z2 RL218 400 405			<0.0002		<0.02
Z2 RL218 405 410			<0.0002		0.02
Z2 RL218 410 415			<0.0002		0.03
Z2 RL218 415 420		<0.0002	<0.0002	<0.02	<0.02
Z2 RL218 420 425			<0.0002		<0.02
Z2 RL218 425 430			<0.0002		<0.02
Z2 RL218 430 435			<0.0002		<0.02
Z2 RL218 435 440			<0.0002		<0.02
Z2 RL218 440 445			<0.0002		<0.02
Z2 RL218 445 450			<0.0002		<0.02
Z2 RL218 450 455			<0.0002		<0.02
RL218 455 460			<0.0002		<0.02
Z2 RL218 460 465			<0.0002		<0.02
Z2 RL218 465 470		<0.0002	<0.0002	0.22	0.23
Z2 RL218 470 475			<0.0002		0.03
Z2 RL218 475 480			<0.0002		0.03
Z2 RL218 480 485			<0.0002		<0.02
Z2 RL218 485 490			<0.0002		<0.02
Z2 RL218 490 495		<0.0002	<0.0002		0.04
Z2 RL218 495 500			<0.0002		<0.02
P4 BA 206		0.036	0.034	0.07	0.06
Z2 RL218 500 505			<0.0002		<0.02
Z2 RL218 505 510			<0.0002		<0.02
Z2 RL218 510 515			<0.0002		<0.02
Z2 RL218 515 520			<0.0002		<0.02
Z2 RL218 520 525		<0.0002	<0.0002	<0.02	<0.02
Z2 RL218 525 530			<0.0002		<0.02
Z2 RL218 530 535			<0.0002		0.02
Z2 RL218 535 540			<0.0002		<0.02
Z2 RL218 540 545			<0.0002		0.02
Z2 RL218 545 550			<0.0002		<0.02
Z2 RL218 550 555		<0.0002	<0.0002		<0.02
RL218 555 560			<0.0002		<0.02
Z2 RL218 560 565			<0.0002		<0.02
Z2 RL218 565 570		<0.0002	<0.0002	<0.02	<0.02
Z2 RL218 570 575			<0.0002		<0.02
Z2 RL218 575 580			<0.0002		<0.02
Z2 RL218 580 585			<0.0002		0.02
Z2 RL218 585 590			<0.0002		0.03
Z2 RL218 590 595			<0.0002		<0.02
Z2 RL218 595 600			<0.0002		0.04
P4 BA 207			0.035		0.23
Z2 RL218 600 605			<0.0002		0.03
Z2 RL218 605 610			<0.0002		0.03
Z2 RL218 610 615			<0.0002		0.07
Z2 RL218 615 620			0.0004		0.06
Z2 RL218 620 625		0.0007	0.0005	0.16	0.15

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SAMPLE NUMBER	ELEMENT UNITS	Au DUP OPT	Au OPT	AG DUP OPT	Ag OPT
Z2 RL 218 625 630		0.030	0.026	0.08	0.08
Z2 RL 218 630 635			0.031		0.11
Z2 RL 218 635 640			0.006		0.17
Z2 RL 218 640 645			0.013		0.05
Z2 RL 218 645 650			0.028		0.10
Z2 RL 218 650 655		0.038	0.038	0.11	0.11
Z2 RL 218 655 660			0.048		0.18
Z2 RL 218 660 665			0.017		0.09
Z2 RL 218 665 670			0.012		0.10
Z2 RL 218 670 675			0.020		0.09
Z2 RL 218 675 680		0.026	0.029	0.12	0.12
Z2 RL 218 680 685			0.013		0.08
Z2 RL 218 685 690			0.016		0.09
Z2 RL 218 690 695			0.016		0.07
Z2 RL 218 695 700			0.017		0.08
Z2 RL 218 700 705			0.007		0.06
Z2 RL 218 705 710			0.013		0.09
Z2 RL 218 710 715			<0.002		0.06
Z2 RL 218 715 720			<0.002		0.06
Z2 RL 218 720 725			0.006		0.09
P4 BA 217			0.050		0.09
Z2 RL 218 725 730			0.006		0.17
Z2 RL 218 730 735		0.003	0.004	0.11	0.13
Z2 RL 218 735 740			0.011		0.30
Z2 RL 218 740 745			0.005		0.16
Z2 RL 218 745 750			0.010		0.46
Z2 RL 218 750 755			<0.002		0.11
Z2 RL 218 755 760			0.013		0.22
Z2 RL 218 760 765			0.009		0.25
Z2 RL 218 765 770			<0.002		0.08
Z2 RL 218 770 775			<0.002		0.07
Z2 RL 218 775 780			0.004		0.11
Z2 RL 218 780 785		0.008	0.007	0.23	0.25
Z2 RL 218 785 790			0.007		0.27
Z2 RL 218 790 795			0.004		0.15
Z2 RL 218 795 800			0.007		0.25
Z2 RL 218 800 805			0.014		0.50
RL 218 805 810			0.010		0.39
Z2 RL 218 810 815			0.010		0.22
Z2 RL 218 815 820			0.010		0.25

SAMPLE NUMBER	ELEMENT UNITS	Au DUP OPT	Au OPT	AG DUP OPT	Ag OPT
Z2 RL 218 820 825			0.015		0.19
P4 BA 218			0.031	control	0.21
Z2 RL 218 825 830			0.012		0.10
Z2 RL 218 830 835		0.004	0.004	0.10	0.13
Z2 RL 218 835 840			0.006		0.13
Z2 RL 218 840 845			0.009		0.23
Z2 RL 218 845 850			0.013		0.16
Z2 RL 218 850 855			0.022		0.25
Z2 RL 218 855 860			0.013		0.28
Z2 RL 218 860 865			0.016		0.36
Z2 RL 218 865 870			0.019		0.54
Z2 RL 218 870 875			0.015		0.37
Z2 RL 218 875 880			0.006		0.10
Z2 RL 218 880 885		0.009	0.011	0.31	0.29
Z2 RL 218 885 890			0.004		0.14
Z2 RL 218 890 895			0.004		0.08
Z2 RL 218 895 900			<0.002		0.09
Z2 RL 218 900 905			0.006		0.11
Z2 RL 218 905 910		<0.002	0.003	0.06	0.06
Z2 RL 218 910 915			0.006		0.41
Z2 RL 218 915 920			0.010		0.16
Z2 RL 218 920 925			0.007		0.35
P4 BA 219			0.019		0.12
Z2 RL 218 925 930			0.007		0.24
Z2 RL 218 930 935			0.010		0.26
Z2 RL 218 935 940	YD	0.013	0.014	0.36	0.34
Z2 RL 218 990 995			0.010		0.16

What is This ? TRC

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RL218 5 10		<0.0002	<0.0002	<0.02	<0.02						
Duplicate			<0.0002		<0.02						
RL218 55 60		<0.0002	<0.0002	<0.02	<0.02						
Duplicate			<0.0002		<0.02						
RL218 80 85		<0.0002	<0.0002	<0.02	<0.02						
Prep Duplicate			<0.0002		<0.02						
RL218 110 115		<0.0002	<0.0002	<0.02	0.02						
Duplicate			<0.0002		<0.02						
RL218 160 165		<0.0002	<0.0002	<0.02	<0.02						
Duplicate			<0.0002		<0.02						
RL218 210 215		<0.0002	<0.0002	<0.02	<0.02						
Duplicate			<0.0002		<0.02						
218 260 265		<0.0002	<0.0002	0.06	0.08						
Duplicate			<0.0002		0.06						
RL218 300 305		<0.0002	<0.0002	0.04	0.03						
Prep Duplicate			<0.0002		0.04						
RL218 315 320		<0.0002	<0.0002	<0.02	<0.02						
Duplicate			<0.0002		<0.02						
RL218 365 370		<0.0002	<0.0002	0.05	0.05						
Duplicate			<0.0002		0.05						
RL218 415 420		<0.0002	<0.0002	<0.02	<0.02						
Duplicate			<0.0002		<0.02						
RL218 465 470		<0.0002	<0.0002	0.22	0.23						
Duplicate			<0.0002		0.22						
RL218 520 525		<0.0002	<0.0002	<0.02	<0.02						
Prep Duplicate			<0.0002		<0.02						
Duplicate			<0.0002		<0.02						
RL218 565 570		<0.0002	<0.0002	<0.02	<0.02						
Duplicate			<0.0002		<0.02						
RL218 620 625		0.0007	0.0005	0.16	0.15						
plicate			0.0007		0.16						

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SAMPLE NUMBER	ELEMENT UNITS	Au DUP OPT	Au OPT	AG DUP OPT	Ag OPT	SAMPLE NUMBER	ELEMENT UNITS	Au DUP OPT	Au OPT	AG DUP OPT	Ag OPT
RL 218 625 630		0.030	0.026	0.08	0.08						
Duplicate			0.030		0.08						
RL 218 650 655		0.038	0.038	0.11	0.11						
Prep Duplicate			0.038		0.11						
RL 218 675 680		0.026	0.029	0.12	0.12						
Duplicate			0.026		0.12						
RL 218 730 735		0.003	0.004	0.11	0.13						
Duplicate			0.003		0.11						
RL 218 780 785		0.008	0.007	0.23	0.25						
Duplicate			0.008		0.23						
RL 218 830 835		0.004	0.004	0.10	0.13						
Duplicate			0.004		0.10						
218 880 885		0.009	0.011	0.31	0.29						
Duplicate			0.009		0.31						
RL 218 905 910		<0.002	0.003	0.06	0.06						
Prep Duplicate			<0.002		0.06						
RL 218 935 940		0.013	0.014	0.36	0.34						
Duplicate			0.013		0.36						

Chemex Labs Inc.

Analytical Chemists * Geochemists * Registered Assayers

994 West Glendale Ave., Suite 7, Sparks,
Nevada, U.S.A. 89431
PHONE: 702-356-5395

To: LAC MINERALS U.S.A. INC

1395 GREG ST., STE 107
SPARKS, NEVADA
89431

Project :
Comments: ATTN: TIM KUHL

Certificate Date: 15-OCT-91
Invoice No. :I9123131
P.O. Number :

CERTIFICATE OF ANALYSIS A9123131

SAMPLE DESCRIPTION	PREP CODE		Au oz/T	
RL-217 810-815	205	294	0.031	
RL-218 045-050	205	294	0.001	
RL-218 095-100	205	294	< 0.001	
RL-218 145-150	205	294	< 0.001	
RL-218 195-200	205	294	< 0.001	
RL-218 245-250	205	294	< 0.001	Eg
RL-218 295-300	205	294	< 0.001	
RL-218 345-350	205	294	< 0.001	
RL-218 395-400	205	294	< 0.001	
RL-218 445-450	205	294	< 0.001	
RL-218 495-500	205	294	< 0.001	
RL-218 545-550	205	294	< 0.001	
RL-218 595-600	205	294	< 0.001	
RL-233 045-050	205	294	< 0.001	
RL-233 095-100	205	294	< 0.001	
RL-233 150-155	205	294	< 0.001	LAC
RL-233 200-205	205	294	< 0.001	
RL-233 250-255	205	294	< 0.001	
RL-233 300-305	205	294	< 0.001	
RL-233 350-355	205	294	< 0.001	
RL-233 400-405	205	294	< 0.001	
RL-233 505-510	205	294	< 0.001	
RL-233 555-560	205	294	0.001	
RL-233 605-610	205	294	< 0.001	
RL-236 045-050	205	294	< 0.001	Dagerstrom
RL-236 095-100	205	294	< 0.001	
RL-236 145-150	205	294	< 0.001	
RL-236 195-200	205	294	< 0.001	
RL-242C 075-080	205	294	< 0.001	
RL-242C 240-245	205	294	0.001	Eg.
RL-243C 195-200	205	294	< 0.001	

CERTIFICATION: Sandra M Adam