60001297

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. RE-62
AUTHOR	K. Kenner; R. Grondin
DATE OF DOC(S)	1990
MULTI_DIST Y / (N?) Additional Dist_Nos:	
QUAD_NAME	Sulphur 7.5'
P_M_C_NAME (mine, claim & company names)	Rosebud Mine; Rosebud Project; Ecklund Drilling; Lac Minerals (USA) Inc
COMMODITY If not obvious	gold silver
NOTES	Drill log; geology; assay; total depth 510' handwritten notes 10p.

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 5/19/08
Initials Date

DB: Initials Date

SCANNED: Initials Date

Revised: 1/22/08

DRILL LOGS RE-62
ROSEBUD

60001297 4010 ✓

60001297

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

DRILL LOG SUMMARY SHEET

PROJECT Rosebud

HOLE NUMBER RL-62 TOTAL DEPTH 510' LOGGED BY KNT

Date started 3-22-90

Date completed 3-23-90

Initial bearing

Initial inclination -45°

Elevation 5261.2

Collar coordinates:

N 2203465.0

E 491359.8

Contractor: Eklund

Drill Type: MPD 1000

Hole Size: Hammer 4 3/4"

Drilling Conditions:

Footage: Wet / Dry Dry to 340'; went wet to TD.

Comments: Broke footvalve @ 510'

DOWN HOLE SURVEY INFORMATION

FROM	TO	SURVEY POINT	INCLI-NATION	BEARING	X (Northing)	Y (Easting)	Z (Elevation)
0	50		-45	S 55 E			
50	150		-47	"			
150	250		-49	"			
250	350		-51	"			
350	450		-53	"			
450	510		-54	"			

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

CHOCOLATE TUFF
BUD BRECCIA
BUD TUFF
BUD EPICLASTIC
BUD TUFF BRECCIA
DT DOZER WELDED TUFF

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

DRILL HOLE R1-62

Page 1 of 6

LOGGED BY K.N.T.

	LITH.	ALT.	% ARG. ALT. (sericite) W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	
									Brown					0-10 Overburden brown, soil	<.10			
05									"					wk calcite	.002	<.10		
10	DT	XC							mixed lt gm orange, red					10-60 lt gm, orange, gry mixed	.001	<		
15		XC												FGT, bx silicified, oxidized	.003	.10		
20		XC												Dozer Tuff?? or Lithic Tuff?	.003	<		
25		XC													.001	<		
30		XC													.001	.12		
35		XC													.001	.24		
40		XC													<	<		
45		XC													.003	<		
50		XC													.002	<		
55		XC													.001	<		
60		XC							wht-gm					60-70 wht-gry sty clay gouge (sericite?)	.001	<		
65									"					fault zone??	.006	<		
70									lt gm + orange					70-165 lt gm, blc FGT w/ with overall wk limonite.	.001	<		
75														wk-mod sericite alt	.005	<		
80															<	<		
85															.001	<		
90															.002	<		
95															.004	<		
100														3/22 2:30 PM				

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DRILL HOLE RL-62

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LOGGED BY KNT

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK
		~ ~ ~ XK							lt grn + wk orange						.002	<	
105																	
		XK													.004	<	
110																	
		~ ~ ~ ~													.003	<	
115																	
		XK													.005	<	
120																	
		XK													.003	<	
125																	
		Δ XK													.001	<	
130																	
		XK													.002	<	
135																	
		~ ~ ~ ~ XK											1-2% sulfides		.002	<	
140																	
		XK							lt grn						.002	<	
145																	
		XK							dkr grn						.003	<	
150																	
		XK													.002	<	
155																	
		XK													.001	<	
160																	
		XK													.002	<	
165																	
		~ ~ ~ ~ XK							wht, wk grn					165-175 slg sericite alt + clockwork, limo, oxlts fault Zone?	.026	<	
170																	
		XC							mixed wht + lt grn					+ chalcedonic "ohs" w/slg limo	.043	.12	
175																	
		~ ~ ~ ~							"					175-179 mixed sericite + sage grn FGT (Lithic Tuff?)	.003	<	
180																	
									sage green					sage grn, FGT w/ sericite alt. vugs, pervasively silicified	.003	<	
185																	
													1-2% sulfide	interstitial cubic pyrite	.001	.17	
190																	
															.001	<	
195																	
200														3/22 3:30 PM	.002	.14	

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DRILL HOLE RL-62

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LOGGED BY KNT

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK
		XX							sage grn				1-2%	(200-300) Sage green, pervasively silica flooded FGT w/ local chalcedonic qtz veins to +1/2" + local slg sericite clay w/ 1-2% disseminated sulfides	.001	.11	
205		XX							tok olive						.001	<	
210		XX													.002	.13	
215		XX													.002	<	
220		XX													.001	<	
225		XX												Damp Clay + X	.002	<	
230		XX													.008	<	
235		XC												@ 240' went wet ~4pm	.002	.18	
240		XC												Lots of	.002	.11	
245		XC												green & grn clay	.002	<	
250		XC													.002	.23	
255		XX													.001	.13	
260		XC							wht + ltgrn					slg sericite	.001	.23	
265		XC							sage grn + olive						.002	.10	
270		XC													.001	<	
275		XX													.001	.21	
280		XX											2-3%	End of Shift 3-22 3-23	.002	.40	
285		XX											1-2%	Oxidized / Reduced REDOX Boundary	.001	<	
290		XX							sage grn						.011	<	
295		XX													.002	<	
300														7:20 Am			

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LOGGED BY KNT

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK
		++							Sage green				2-3%	300 - Sage grn, FGT w/2-3% sulfides	.002	<	
305																	
310		++												w/local chalcedonic stockwk veining w/ sulfides	.002	.12	
315		++													.001	.11	
														Lots of Clay throughout			
320		++													.002	.09	
325															.002	.59	
330															.007	.16	
335															.002	.19	
340															.002	<	
345															.002	<	
350															.011	.11	
355															.016	.19	
360															.004	.11	
365															.003	<	
370															.005	<	
375															.007	<	
380															.004	<	
385															.002	.10	
390															.004	.10	
395															.003	<	
400														9AM	.005	.29	

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LOGGED BY KNT

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK
		XK							Sage grn					Sage grn, lithic tuff ?? w/ pervasive stock wk chalcedonic veining	.002	.22	
405															.003	.24	
410															.002	.27	
415															.002	.22	
420															.002	.13	
425														+ marcasite + AS to 1/2"	.002	<	
430															.001	.21	
435															.003	.18	
440														Polymer Added	.026	.32	
445															.003	.17	
450															.002	<	
455															.002	<	
460															.003	<	
465															.004	<	
470															.005	.11	
475															.003	<	
480															.003	<	
485															.026	<	
490	DT								Sage grn to olive Drab				1-2%	490-510 Olive Drab - Sage grn, fGT	<	<	
495															.016	<	
500														Dozer w/ 1-2% sul/Kile + stockwk silic.			

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LOGGED BY KNT

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	
	DT								Olive Drab					Olive drab FGT Dozer ??	<	<		
505	DT								↓						.002	<		
510														TD = 510' 11:30 Am				
15														TD in SGT (??) + broken foot valve				
20																		
25																		
30																		
35																		
40																		
45																		
50																		
55																		
60																		
65																		
70																		
75																		
80																		
85																		
90																		
95																		
00																		

NEVADA GSI

APR 16 1990

GEOCHEMICAL ANALYSIS REPORT

April 10, 1990

Ms. Kristen Kenner
Lac Minerals
1395 Greg Street #107
Sparks, Nv. 89431

Number of Samples: 101
Project: VEQU
GSI Number: 6808
Analysis: Fire Assay for Gold and Silver, with an A.A. finish.

	Sample I.D.			Au o/t	Ag o/t
1.	RE-62	0	10	0.002	<.10
2.	RE-62	10	15	0.001	<.10
3.	RE-62	15	20	0.003	0.10
4.	RE-62	20	25	0.003	<.10
5.	RE-62	25	30	0.001	<.10
6.	RE-62	30	35	0.001	0.12
7.	RE-62	35	40	0.001	0.24
8.	RE-62	40	45	<.001	<.10
9.	RE-62	45	50	0.003	<.10
10.	RE-62	50	55	0.002	<.10
11.	RE-62	55	60	0.001	<.10
12.	RE-62	60	65	0.001	<.10
13.	RE-62	65	70	0.006	<.10
14.	RE-62	70	75	0.001	<.10
15.	RE-62	75	80	0.005	<.10
16.	RE-62	80	85	<.001	<.10
17.	RE-62	85	90	0.001	<.10
18.	RE-62	90	95	0.002	<.10
19.	RE-62	95	100	0.004	<.10
20.	RE-62	100	105	0.002	<.10
21.	RE-62	105	110	0.004	<.10
22.	RE-62	110	115	0.003	<.10
23.	RE-62	115	120	0.005	<.10
24.	RE-62	120	125	0.003	<.10
25.	RE-62	125	130	0.001	<.10
26.	RE-62	130	135	0.002	<.10
27.	RE-62	135	140	0.002	<.10
28.	RE-62	140	145	0.002	<.10
29.	RE-62	145	150	0.003	<.10
30.	RE-62	150	155	0.002	<.10
31.	RE-62	155	160	0.001	<.10
32.	RE-62	160	165	0.002	<.10
33.	RE-62	165	170	0.026	<.10

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	Sample I.D.			Au o/t	Ag o/t
34.	RE-62	170	175	0.043	0.12
35.	RE-62	175	180	0.003	<.10
36.	RE-62	180	185	0.003	<.10
37.	RE-62	185	190	0.001	0.17
38.	RE-62	190	195	0.001	<.10
39.	RE-62	195	200	0.002	0.14
40.	RE-62	200	205	0.001	0.11
41.	RE-62	205	210	0.001	<.10
42.	RE-62	210	215	0.002	0.13
43.	RE-62	215	220	0.002	<.10
44.	RE-62	220	225	0.001	<.10
45.	RE-62	225	230	0.002	<.10
46.	RE-62	230	235	0.008	<.10
47.	RE-62	235	240	0.002	0.18
48.	RE-62	240	245	0.002	0.11
49.	RE-62	245	250	0.002	<.10
50.	RE-62	250	255	0.002	0.23
51.	RE-62	255	260	0.001	0.13
52.	RE-62	260	265	0.001	0.23
53.	RE-62	265	270	0.002	0.10
54.	RE-62	270	275	0.001	<.10
55.	RE-62	275	280	0.001	0.21
56.	RE-62	280	285	0.002	0.40
57.	RE-62	285	290	0.001	<.10
58.	RE-62	290	295	0.011	<.10
59.	RE-62	295	300	0.002	<.10
60.	RE-62	300	305	0.002	<.10
61.	RE-62	305	310	0.002	0.12
62.	RE-62	310	315	0.001	0.11
63.	RE-62	315	320	0.002	0.99
64.	RE-62	320	325	0.002	0.59
65.	RE-62	325	330	0.007	0.16
66.	RE-62	330	335	0.002	0.19
67.	RE-62	335	340	0.002	<.10
68.	RE-62	340	345	0.002	<.10
69.	RE-62	345	350	0.011	0.11
70.	RE-62	350	355	0.016	0.19
71.	RE-62	355	360	0.004	0.11
72.	RE-62	360	365	0.003	<.10
73.	RE-62	365	370	0.005	<.10
74.	RE-62	370	375	0.007	<.10
75.	RE-62	375	380	0.004	<.10
76.	RE-62	380	385	0.002	0.10
77.	RE-62	385	390	0.004	0.10
78.	RE-62	390	395	0.003	<.10
79.	RE-62	395	400	0.005	0.29
80.	RE-62	400	405	0.002	0.22
81.	RE-62	405	410	0.003	0.24

	Sample I.D.			Au o/t	Ag o/t
82.	RE-62	410	415	0.002	0.22
83.	RE-62	415	420	0.002	0.22
84.	RE-62	420	425	0.002	0.13
85.	RE-62	425	430	0.002	<.10
86.	RE-62	430	435	0.001	0.21
87.	RE-62	435	440	0.003	0.18
88.	RE-62	440	445	0.026	0.32
89.	RE-62	445	450	0.003	0.17
90.	RE-62	450	455	0.002	<.10
91.	RE-62	455	460	0.002	<.10
92.	RE-62	460	465	0.003	<.10
93.	RE-62	465	470	0.004	<.10
94.	RE-62	470	475	0.005	0.11
95.	RE-62	475	480	0.003	<.10
96.	RE-62	480	485	0.003	<.10
97.	RE-62	485	490	0.026	<.10
98.	RE-62	490	495	<.001	<.10
99.	RE-62	495	500	0.016	<.10
100.	RE-62	500	505	<.001	<.10
101.	RE-62	505	510	0.002	<.10

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This report reviewed and approved by:

Richard A. Grondin

Richard Grondin, Operations Manager