60001646

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-268
AUTHOR	C. Walck; T. Kuhl
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; South East Target Barringer Laboratories, Inc
COMMODITY If not obvious	gold silver
NOTES	Drill log; geology; assay; total depth 345' handwritten notes ~~10~~ p. 13

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: mah
Initials Date
SCANNED: NV Blue
Initials Date

Revised: 1/22/08

ROSEBUD"
DRILL LOG

RL-268
South East Target

6060 1646 4010

6000 1646

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

DRILL LOG SUMMARY SHEET

PROJECT Rosebud

HOLE NUMBER RL 268 TOTAL DEPTH 345' LOGGED BY CMW

Date started 5/11/92

Date completed 5/12/9

Initial bearing Vertical

Initial inclination

Elevation

Collar coordinates:

N

E

Contractor: Stevens

Drill Type: Schramm

Hole Size: 5 1/2"

Drilling Conditions: Good

Footage: Wet / Dry All dry

Comments:

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
BEDDED BUD LLT
VOLCANICLASTIC
PORPHYRITIC TUFF
FLOW BANDED TUFF

VEIN TYPES

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

DRILL HOLE ___-___

Page 1 of 4

RL268

LOGGED BY CMW

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	✓
	OB												Md grey-green & or-tan					0-2 Overburden		.03	.002	.002
05																		2 CHDC; Md		.04	.003	
10																		grey-green f. gr. granular,		.04	.005	
15																		w/ 1-2% 1-2 mm alt'd white		.03	.002	
20																		spots - phenos alt to kaol,		.05	.002	
25																		20-40% of chips lim stained, Prob wk silic		.09	<	
30																				.15	.006	.005
35																				.10	.005	
40																				.07	.004	
45																				.09	.003	
50																		vl-m silic		.13	.003	
55																				.13	.004	
60																				.11	.004	
65			wk Qtz															+ wk clear qtz		.21	.010	
70			wk Qtz										md grey					grey w/ dk specks		.06	.001	
75													md grey-green & or-tan					green w/ dk specks		.16	.008	
80																				.11	.004	
85																				.18	.003	.003
90													md pink-purple-green-grey					chips stained purple-pink		.03	.002	
95																		"		.06	.002	
100																						

NOTE SULFIDES IN COMMENTS: Py Mc Cp Pr Sb

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

DRILL HOLE ___-___

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RL268

LOGGED BY CMW

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.	Ag	Au	✓
													Md grey-green					2-120 cont Md grey-green fg wk silic ± 1-2mm white spots		.06	.002	
105			wk Xc										green					10-30% Limstained		.06	.003	
10			wk Xk										Md pink-grey &					slightly finer grained, wk Xk		.07	.002	
15			wk Xk										green-grey							.30	.003	
20			Xk										Lt & med grey					115-120 minor Δ, ↑silic, v fg, w-md Xk		.10	.003	
25													Lt grey & tan					120-125 finely ground lt & md grey md silic + tan clay		.08	.003	
30																		125-140 lt grey fg md silic		.16	.007	.007
35																		25-40% limstained		.05	.005	
40													Md purple-pink					140-170 CHOC more finely ground		.11	.003	
45																		stained by hem to md purple-pink, otherwise lt-md grey-green fg, w-m silic ± wk Xk		.65	.003	
50																				.05	.002	
55			wk Xk																	.31	.004	
60			wk Xk																	.10	.003	
65													or-tan					limstain		.08	.002	
70			wk Xk										lt grey					170-180 CHOC, w-m silic lt grey fg, wk FeOx, minor py, wk Xc		.12	.002	.001
75			wk Xk																	.16	.003	
80													Md purple pink & lt					180-215 CHOC, lt grey-green		.04	.002	
85																		w/, md purple pink hem stain, fg, w-m to md silic		.05	.002	
90			wk Xc Xk										grey green					wk Xk + wk Xc		.09	.002	
95			Xc Xk															w/ 5% white chalc w/ hem stain		.06	.001	
200																						

NOTE SULFIDES IN COMMENTS: Py Mc Cp Pr Sb

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

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XK STOCKWORK
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DRILL HOLE ___-___

Page 3 of 4

RL268

LOGGED BY CMW

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	RQD CONN.	Ag	Au	✓
													lt grey					180-215 cont CHOC, hemstain 200-205 Abt clay		.10	.003	
205			wk Xc										md purple					205-215 finely grained, pervhem stain, wk Xc w/hem		.09	.004	
10			Xc										pink							.12	.004	
15			Xc md										md grey				py TR	CHOC 215-230 Md grey-green fg		.12	.003	
20			Xc wk										green				1	↓ FeOx, TR-1% fg py, poss		.07	.003	
225			wk Xc														1	wk silic?, minor chips qtz		.14	.002	
30			XK										md grey				2	(SRF HW CHOC) 230-260 Md grey & brown grey		.14	.003	
35			XK										& brown grey				2	fg, md silic, 1-2% diss py & wk stkw qtz + py		.13	.004	
40			XK														4	w-m chips grey qtz veins + py		.12	.002	
45			XK														3	+ minor lt grey clay		.14	.008	.008
250			XK m-s + py														mc/py 6	+ chips md grey qtz + abt Mc/py		.10	.004	
55			XK m-s + py														Mc/Py 6	+ md vnlts Q + py, minor white clay		.11	.003	.003
60													lt green & md grey				3	260-295 CHOC /SRF int/		.07	.002	
65																	2	Mix of fg lt green very soft arg & minor md dk brown grey fg md silic		.05	.002	
70																	1	Mostly of chips very soft - can easily gouge or crush w/ fingernail		.04	.002	
275																	1			.05	.001	
80																	Tr			.09	.002	
85																	Tr			.04	.001	
90			md XK														1	+ gray qtz + minor kaol		.08	.004	.005
95		SS	XK														6			.06	<	
300																		295-303 SRF str Silic md dk grey w/ md-abt fg & vein py				

OX

RED

NOTE SULFIDES IN COMMENTS: Py Mc Cp Pr Sb

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

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BEDDED BUD LLT
VOLCANICLASTIC
PORPHYRITIC TUFF
FLOW BANDED TUFF

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Ba BARITE

DRILL HOLE ___-___

Page 4 of 4

RL268

LOGGED BY CMW

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	✓
													md-grey-green				Tr	215-300 SKF, str silic md-dk gray w/ md-dk [illegible]		<	<	
305													& purple				Tr	303-315 md grey-green fg		.01		
10																	Tr	w/ md-dk purple-red FeOx mottles, prob Dozer, maybe		<		
15													md-dk purple grey				Tr	CHOC, SKF FW.				
20																		315-345 DK gray w/ dk red-brown stain fg				
325																		fresh Doz or Choc or Sill? or LBT?				
30																						
35																						
40																						
45																						
TD 350																						
55																						
60																						
65																						
70																						
375																						
80																						
85																						
90																						
95																						
400																						

NOTE SULFIDES IN COMMENTS: Py Mc Cp Pr Sb

-55

2,203,215 N
482,436 E

-54

5376

Choc
(FGT)

1

2

FGT

0.008/0.14

SRF?

3

(Doz? or Choc? or Sill?)

345 TD

SRF
Surface

Rosebud
RL-268
1" = 100'

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

File

18-May-92

LAC MINERALS
P O BOX 21390
RENO NV 89515

9

Page: 1
Copy: 1 of 3
Set : 1

Attn: TIM KUHL
Project:

PO #:

Received: 13-May-92 19:46

Job: 92784R

Status: Final

Cutting

Sample Id	Au FA/AA/AAS oz/ton	Au FA/AA oz/ton	Ag AA oz/ton
RL-268 0 5	0.0017	0.0016	0.032
BL-030	~~0.0498~~	~~NA~~	~~NA~~
RL-268 5 10	0.0026	NA	0.041
RL-268 10 15	0.0045	NA	0.044
RL-268 15 20	0.0018	NA	0.032
RL-268 20 25	0.0015	NA	0.047
RL-268 25 30	<0.0001	NA	0.093
RL-268 30 35	0.0055	0.0050	0.146
RL-268 35 40	0.0048	NA	0.099
RL-268 40 45	0.0039	NA	0.073
RL-268 45 50	0.0031	NA	0.085
RL-268 50 55	0.0029	NA	0.126
RL-268 55 60	0.0035	NA	0.134
RL-268 60 65	0.0040	NA	0.114
RL-268 65 70	0.0100	NA	0.213
RL-268 70 75	0.0011	NA	0.058
RL-268 75 80	0.0080	NA	0.164
RL-268 80 85	0.0035	NA	0.114
RL-268 85 90	0.0027	0.0025	0.175
BL-031	~~<0.0001~~	~~NA~~	~~NA~~
RL-268 90 95	0.0019	NA	0.029
RL-268 95 100	0.0018	NA	0.058
RL-268 100 105	0.0018	NA	0.055
RL-268 105 110	0.0029	NA	0.058
RL-268 110 115	0.0024	NA	0.073
RL-268 115 120	0.0026	NA	0.298
RL-268 120 125	0.0028	NA	0.099
RL-268 125 130	0.0028	NA	0.079
RL-268 130 135	0.0073	0.0068	0.161
RL-268 135 140	0.0046	NA	0.050

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(10)

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Sample Id	Au FA/AA/AAS oz/ton	Au FA/AA oz/ton	Ag AA oz/ton
RL-268 140 145	0.0034	NA	0.108
RL-268 145 150	0.0031	NA	0.050
RL-268 150 155	0.0024	NA	0.047
RL-268 155 160	0.0035	NA	0.307
RL-268 160 165	0.0025	NA	0.102
RL-268 165 170	0.0021	NA	0.076
RL-268 170 175	0.0015	0.0014	0.117
BL-032	~~0.0484~~	~~NA~~	~~NA~~
RL-268 175 180	0.0025	NA	0.102
RL-268 180 185	0.0017	NA	0.041
RL-268 185 190	0.0020	NA	0.053
RL-268 190 195	0.0021	NA	0.093
RL-268 195 200	0.0014	NA	0.058
RL-268 200 205	0.0033	NA	0.099
RL-268 205 210	0.0039	NA	0.085
RL-268 210 215	0.0040	NA	0.117
RL-268 215 220	0.0027	NA	0.120
RL-268 220 225	0.0027	NA	0.067
RL-268 225 230	0.0023	NA	0.143
RL-268 230 235	0.0031	NA	0.140
RL-268 235 240	0.0035	NA	0.131
RL-268 240 245	0.0018	NA	0.123
RL-268 245 250	0.0083	0.0078	0.140
RL-268 250 255	0.0038	NA	0.102
RL-268 255 260	0.0025	0.0030	0.108
BL-033	~~0.0465~~	~~NA~~	~~NA~~
RL-268 260 265	0.0021	NA	0.070
RL-268 265 270	0.0020	NA	0.050
RL-268 270 275	0.0016	NA	0.044
RL-268 275 280	0.0007	NA	0.047

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RL-268 280 285	0.0023	NA	0.085
RL-268 285 290	0.0006	NA	0.044
RL-268 290 295	0.0042	0.0050	0.082
RL-268 295 300	0.0003	NA	0.064
RL-268 300 305	<0.0001	NA	0.003
RL-268 305 310	0.0001	NA	0.006
RL-268 310 315	0.0001	NA	<0.003
RL-268 315 320	0.0002	NA	<0.003
RL-268 320 325	<0.0001	NA	0.003
RL-268 325 330	<0.0001	NA	<0.003
RL-268 330 335	<0.0001	NA	<0.003
RL-268 335 340	<0.0001	NA	<0.003
RL-268 340 345	<0.0001	NA	<0.003
BL-034	~~0.0219~~	~~NA~~	~~NA~~

LAC minerals — REJECTS TO KEEP

work order #	Rejects to Keep
92809	RL-269
	25-30 → 45-50
	200-205 → 545-550
92788	RL-265
	40-45
	→ 125-130
92787	RL-261
	125-130 → 155-160
	455-460 → 465-470
92786	RL-264
	20-25 → 40-45
92785	RL-266
	~~those to Keep are on page 1~~ : 540-545 → 610-615
	660-665 → 680-685
92784	RL-268
	60-65 → 75-80
	225-230 → 305-310
92783	RL-267
	25-30 → 45-50
	185-190 → 235-240