60001264

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-28
AUTHOR	K. Kenner; R. Grondin; N. Brewer
DATE OF DOC(S)	1989
MULTI_DIST Y / (N?) Additional Dist_Nos:	
QUAD_NAME	Sulphur 7.5'
P_M_C_NAME (mine, claim & company names)	Rosebud Mine; Rosebud Project; Lac Minerals (USA) Inc Environmental West Exploration
COMMODITY If not obvious	gold silver
NOTES	Drill log; geology; assay; total depth 485; handwritten notes 18p.

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)

	Initials	Date
SS:	DD	5/19/08
DB:	mah	
SCANNED:		

Revised: 1/22/08

DRILL LOGS
Rosebud

RE-28

60001264 4010

60001264

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

DRILL LOG SUMMARY SHEET

PROJECT ROSEBUD

HOLE NUMBER RE-28 TOTAL DEPTH 485' LOGGED BY KLK

Date started July 31, 1989 0-365

Date completed Aug 1, 1989 365'-485'

Initial bearing ~~S 2° E~~

Initial inclination -58.5°

Elevation 5308.8

Collar coordinates:

N 220342.0

E 481480.5

Contractor: Environmental West Exploration

Drill Type: Reverse Circulation: Reich 650

Hole Size: Hammer 5 1/2"

Drilling Conditions: good

Footage: Wet / Dry DRY 0 → 265'

WET: 265 - T.D.

Comments: Hit weak H2O 200'
drilled out hole @ 265'
↑ H2O @ 370'-375'
last 20' took 1 hr + 50 minutes
last 5' took 30 minutes

DOWN HOLE SURVEY INFORMATION

FROM	TO	SURVEY POINT	INCLI-NATION	BEARING	X (Northing)	Y (Easting)	Z (Elevation)
0	50		-58.5	S02E			
50	150		-60.5	"			
150	250		-62.5	"			
250	350		-64.5	"			
350	450		-66.5	"			
450	485		-67	"			

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PROJECT ROSEBUD LOGGED BY KLK HOLE NO. RE-28 PAGE 1 OF 10

Depth	RECOVERY	LITHOLOGIC DESCRIPTION: Chocolate Tuff	GRAPHIC LOG	GRAPHIC ALTERATION	ARGILLIC (W M S)	SILICIFICATION (W M S)	PROPYLLITIC (W M S)	COLOR FINES	LIMONITE (W M S)	HEMATITE (W M S)	JAROSITE (W M S)	% SULFIDES	OTHER COMMENTS	Au	Au ✓	Ag	As	Hg	Sb	Se
0	POOR	fine grained tuff, pervasively bleached w/ wk local clay alt. of massively silicified vuggy drusy Fe-oxide filled qtz veining w/ trace limonite hematite brecciated w/ hairline stwk qtz vns		XX				lt org buff				1-2% relict FeOx replaces py		.003		<.10				
5	"	wk red orange clay same w/ ↑ hematitic zones w/ ↑ limonitic clay vn fill		XX				"				"		.002		<.10				
10	GOOD	same wk ↓ pervv limonite ↓ Δia limon clay ± goethite drusy vn fill						"				"		.001		<.10				
15	"	same ↓ Δia						"				"		.001		<.10				
20	"	same w/ ↑ pervv limonite ↓ Δia's @ micro Δia vns						"				" @ ≤1%		.001		<.10				
25	"	same w/ wkly limonitic clay						"				"		.002		<.10				
30	"	same w/ wk ↑ silicification						Deep Golden Orange				"		.001		<.10				
35	"	hydrothermal same w/ ↑ brecciation w/ assoc SiO2						GOLDEN ORG				"		.002		<.10				
40	"	same w/ wk red orange clay + limon clay ↑ drusy qtz vns						"				"		.003		.10				
45	"	same w/ limonitic clay + goethite drusy vug fill w/ few clay alt. lithics						orange buff				"		.002		<.10				
50																				

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PROJECT ROSEBUD LOGGED BY KLK HOLE NO. RE-28 PAGE 2 OF 10

RECOVERY	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	GRAPHIC ALTERATION	ALTERATION: ARGILLIC W M S	ALTERATION: SILICIFICATION W M S	ALTERATION: PROPYLLITIC W M S	COLOR FINES	MINERALIZATION: LIMONITE W M S	MINERALIZATION: HEMATITE W M S	MINERALIZATION: JAROSITE W M S	% SULFIDES	OTHER COMMENTS	ANALYSES: Au	Au ✓	Ag	As	Hg	Sb	Se
50	Chocolate Tuff 52-57 very fractured + moisture 50-55 mod str red org clay																		
GOOD	50'-100' fine grained chocolate tuff w/ pervasive argillic bleaching: v. weak clay alt locally mod silicic pervasively w/ breccia zones w/ abbon ↑ pervasive silicification w/ weak limo		XX XK ++				BRIGHT RED ORG				1-2% relict py casts locally w/ replac FeOx		.002		.13				
55	hairline qtz stockwork weak drusy limon ± hematite clay filled veins trace white clays pervasively oxidized w/ limonite & weak hematite 55-60' mod str red orange clay						Red Orange Buff				" @ 2%		.003		<.10				
60	same w/ ↑ red orange clay drusy vns w/ goethite + limon						Lt Org Buff				"		.001		<.10				
65	same trachyt phenos		P				"				" @ +2%		.001		<.10				
70	same w/ white sgh clay 72-73' ↑ diam w/ abbon silicif. small fracture tr chc		P				"				" @ ~1%	+ <1% fresh diss py	<.001		.14				
75	same						"				" @ 1-2%	tr fresh py	<.001		<.10				
80	same ↑ red orange clays 2 stg stockwk qtz &						Lt org buff				"	"	<.001		<.10				
85	same ↓ red org clay 87-88' VOID	VOID					"				" @ 2%		.003		<.10				
90	same w/ vuggy limonitic clay filled drusy qtz vns						"				"	tr black Ag mineral	.001		<.10				
95	same ↑ hematite						"				" w/ hematite replacement		.005		<.10				
100																			

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PROJECT ROSEBUD LOGGED BY KLK HOLE NO. RE-28 PAGE 3 OF 10

Depth	RECOVERY	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	GRAPHIC ALTERATION	ALTERATION: ARGILLIC W M S	ALTERATION: SILICIFICATION W M S	ALTERATION: PROPYLLITIC W M S	COLOR FINES	MINERALIZATION: LIMONITE W M S	MINERALIZATION: HEMATITE W M S	MINERALIZATION: JAROSITE W M S	% SULFIDES	OTHER COMMENTS	ANALYSES: Au	Au ✓	Ag	As	Hg	Sb	Se
		102 wh fracturing 100-105 w/ clay + FeOx alt lithics																		
100	GOOD	100-150 mixed siliceous fine grained tuff, granular epiclastic, perv bleached w/ wh clay alt, perv oxidized w/ limonite, weak hemitite, weak perv stockwork qtz + chalcedony banding + drusy ± limon qtz vns, local diatom vns, fuchsite ± ~~chl~~ altered		X XX XX XC				Lt org-yellow buff				~1% fresh py + 1-2% FeOx replac py casts		.001		<.10				
105	"	same w/ wh gray hue - w/ fuchsite lithics						"				" w/ 1-2% fresh py		.001		<.10				
110	"	same w/ w/ gray hue, stroc/w/ bleached epiclastic w/ assoc fresh py, strong epiclastic component						"				" w/ 1-2% fresh py		.003		<.10				
115	"	same mod banded calcedony vns, strong epiclastic w/ clay alt lithics + wk chl alt						"				" w/ <1% fresh py		<.001		<.10				
120	"	same w/ oxidized banded calcedony vns, vuggy w/ FeOx clay fill						"				1-2% FeOx replac py		<.001		<.10				
125	"	same w/ diated drusy FeOx qtz + calcedony vns in siliceous tuff, ↑ perv FeOx						"				"		.002		<.10				
130	"	same ↑ perv. limonite, ↑ tuff component						"				"		.001		<.10				
135	"	same good micro diatom						"				"		.002		<.10				
140	"	same ↑ tuff comp 148' wh fracturing						"				"		.003		<.10				
145	"	same mod mustard w/ clay ↓ perv. limonite						Yellow Buff				"		.001		<.10				
150																				

200 2hrs dry out

LAC MINERALS U.S.A. INC.

PROJECT ROSEBUD LOGGED BY KLK HOLE NO. RE-28 PAGE 4 OF 10

Depth	RECOVERY	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	GRAPHIC ALTERATION	ALTERATION: ARGILLIC W M S	ALTERATION: SILICIFICATION W M S	ALTERATION: PROPYLLITIC W M S	COLOR FINES	MINERALIZATION: LIMONITE W M S	MINERALIZATION: HEMATITE W M S	MINERALIZATION: JAROSITE W M S	% SULFIDES	OTHER COMMENTS	ANALYSES: Au	Au ✓	Ag	As	Hg	Sb	Se
		choco. tuff w/ epiclastic interbeds																		
		150-155 *strong red orange clay*																		
150	GOOD	150-200 fine grn tuff w/ local epiclastic interbeds w/ pervasive argillic bleach + clay alt tuff w/ ↑ pervasive silicification epiclast w/ ↑ clay alt pervasive oxidized fine hairline stockwork + drozy FeOx clay fill cts and local wk calcedony vns		X XX XX XX				Lt yellow org buff				1-2% velicity py casts w/ FeOx local v-pla c fill		.002		<.10			
155	"	local wk white w/ wk clay + wk clay + chalk 1/8 thick same w/ wk ↑ drusy qtz vns mod str bleached epiclastic component						"				" @ 2%		.001		<.10				
160	"	same w/ wk hunt grn wk MgO + hematite vns		P				"				"		.002		<.10				
165	"	same w/ ↑ bleaching						Lt ORG BUFF				"		.001		<.10				
170	"	same w/ tr red orange clay 172' wk fracturing						"				"		.001		<.10				
175	"	same w/ wk white gray epiclastic w/ brown sulfides; clay alt latho			"			"				"		.003		.12				
180	"	same w/ mod gray white fnl epiclastic w/ clay alt latho			"			yellow buff				1% + hem/limon v-pla py	1-2% fresh diss + vn py	<.001		<.10				
185	"	same w/ " " " " " "			"			ORG BUFF				"	"	.007		.16				
190	"	same pervasively gray white v. wkly silicified epiclastic w/ hard white clay vns			"			GRAY WHITE				2-3% fine diss + vn py	+ blebby py	<.001		<.10				
195	"	same - locally strongly altered w/ ↑ silic + dk brn/red hem/limon matrix w/ chalk white calcedony vns w/ red orange clay						GRAY WHITE + ORG				"	"	<.001		.13				
200																				

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PROJECT ROSEBUD LOGGED BY KLK HOLE NO. RE-28 PAGE 5 OF 10

Depth	RECOVERY	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	GRAPHIC ALTERATION	ALTERATION: ARGILLIC W M S	ALTERATION: SILICIFICATION W M S	ALTERATION: PROPYLLITIC W M S	COLOR FINES	MINERALIZATION: LIMONITE W M S	MINERALIZATION: HEMATITE W M S	MINERALIZATION: JAROSITE W M S	% SULFIDES	OTHER COMMENTS	ANALYSES: Au	Au V	Ag	As	Hg	Sb	Se
		tuff into fragmental 196-202 Fracture + moisture																		
200	GOOD	fine grained tuff mod well silicified pen. bleached w/ zones of mod argillic clay alt bleached w/ black mineral, weak fine stockwork qtz, strong red orange clay pen. brecc. fragmental wk green		X XK				STRONG RED ORG				1% FeOx repla PY		.002		<.10				
205	"	white fine grained tuff + fragmental pen. bleached pen. argillic clay alt w/ zones of silicification, hvy nontronite alt, wh soft white clay with lemon clay + vns to 1/2 qtz vns		X HH				WHITE				—		.001		<.10				
210	"	same w/ wk ↑ nontronite alt		X HH				green white				—		<.001		.10				
215	"	fragmental tuff Sia w/ pen. nontronite alt lith. pen. gray clay w/ wk white clay + FeOx local bleaching, wh silicified w/ pen. argillic clay alt + 1/2 cm qtz vns to		X HH				GREEN				1-2% class + VN PY		<.001		<.10				
220	"	same w/ mod strong gray clay		X HH				Deep green				" @ 2%		<.001		<.10				
225	"	same w/ ↑ nontronite		X HH				"				" @ 1-2%		<.001		<.10				
230	"	same ↑ nontronite						"				"		<.001		<.10				
235	"	same " " no FeOx						"				"		<.001		<.10				
240	"	same " " "						"				"		.003		1.26				
245	"	same " " "						"				"		.061		.96				
250																				

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PROJECT ROSEBUD LOGGED BY KLK HOLE NO. RE-28 PAGE 6 OF 10

Depth	RECOVERY	LITHOLOGIC DESCRIPTION: Bud Breccia - fragmental	GRAPHIC LOG	GRAPHIC ALTERATION	ALTERATION: ARGILLIC W M S	SILICIFICATION W M S	PROPYLLITIC W M S	COLOR FINES	MINERALIZATION: LIMONITE W M S	HEMATITE W M S	JAROSITE W M S	% SULFIDES	OTHER COMMENTS	ANALYSES: Au	Au ✓	Ag	As	Hg	Sb	Se
250	GOOD	Bud Breccia - fragmental pun. montmorillonite alt. lilac green white silicified w/ lt green strongly clay alt beds w/ drusy qtz vns w/ abdoc sulfide w/ pun gray clay 250-55 wk bleaching						Lt to deep GREEN				1-2% diss + vn py		<.001		<.10				
255	"	same						"				"		<.001		.17				
260	"	same w/ wk white clay & bun bleached frag						"				"		<.001		.42				
265	"	same w/ ↑ drusy qtz-sulfide vns + fine stkwk qtz						"				2% diss + vn py + marcasite		.021		.45				
270	"	same w/ ↑ drusy qtz sulfide vns						"				" @ 2-3%		.011		.63				
275	"	same wk ↑ drusy qtz sulfide vns						"				" @ 2%		.003		.27				
280	"	same						"				"		.002		.57				
285	"	same						"				"		.001		.57				
290	"	same w/ strong drusy qtz py - marcasite vn						"				" @ 2-3%		<.001		.21				
295	"	same w/ ↑ argillic alt w/ gray clay						"				" @ ± 2%		.006		.16				
300																				

LAC MINERALS U.S.A. INC.

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PROJECT ROSEBUD LOGGED BY KLK HOLE NO. RE-28 PAGE 7 OF 10

Depth	RECOVERY	LITHOLOGIC DESCRIPTION: Bud Breccia	GRAPHIC LOG	GRAPHIC ALTERATION	ARGILLIC W	ARGILLIC M	ARGILLIC S	SILICIFICATION W	SILICIFICATION M	SILICIFICATION S	PROPYLLITIC W	PROPYLLITIC M	PROPYLLITIC S	COLOR FINES	LIMONITE W	LIMONITE M	LIMONITE S	HEMATITE W	HEMATITE M	HEMATITE S	JAROSITE W	JAROSITE M	JAROSITE S	% SULFIDES	OTHER COMMENTS	Au	Au ✓	Ag	As	Hg	Sb	Se
300	GOOD	300-350 fragmental mixed locally w/ Hom banded tuffs, strong pervasive nontronite alt w. white silicified locally w/ elsaz quartz argillic clay alt bed @ 300-305 white mod tan clay wk to mod drusy qtz sulfide vns. Tuff w/ stk qtz												Deep green										2% diss + vn py + marcasite		.001		<.10				
305	"	same												"										"		.002		.14				
310	"	same w/ ↑ drusy qtz-marcasite vns w/ white clay												"										@ 3-4%	w/ strong marcasite	.002		<.10				
315	"	same w/ ↑ drusy qtz marcasite vns			"			"						"										" @ 4%	"	.002		.12				
320	"	same w/ wk intermittent bleaching ↑ drusy qtz vns w/ amber bum calcedony + py vns			"			"						"										" @ 3%		.002		.50				
325	"	same w/ wk ↑ drusy qtz sulfide vns			"			"						"										" @ 2-3%		.003		.11				
330	"	same w/ wk white clay w/ mod drusy qtz sulfide vns			"	"		"						"										"		.004		.29				
335	"	same " " " " " " "			"	"		"						"										"		.003		.16				
340	"	same w/ wk bleached to Fdx tuff dia frag w/ very mod w/ chly white drusy qtz vns & w/ white clay			"	"		"						"										"		.003		.90				
345	"	same w/ ~15% tan siliceous tuff frag w/ wk qtz stwk ↑ pervs. silicification												"										" @ 2-3%		.002		<.10				
350																																	

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PROJECT ROSEBUD LOGGED BY KLK HOLE NO. RE-28 PAGE 8 OF 10

Depth	RECOVERY	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	GRAPHIC ALTERATION	ARGILLIC W M S	SILICIFICATION W M S	PROPYLLITIC W M S	COLOR FINES	LIMONITE W M S	HEMATITE W M S	JAROSITE W M S	% SULFIDES	OTHER COMMENTS	Au	Au ✓	Ag	As	Hg	Sb	Se
350	GOOD	350-360 Bleached w/ hint green fine grtuff w/ v. wh silicification wh clear lt hint gray calcedony vns wh argillic alt wh drusy qtz sulfide vns local wh white clay		X				Lt green WHITE				~4% vn + diss py	w/ wk marcasite	.002		<.10				
355	"	same @ 350-355		X				"				" @ 2-3%	"	<.001		<.10				
360	"	360-400 fine grtuffs w/ pers montmorillonite alt - locally grey w/ ↑ pers silicification wh white clay throughout drusy qtz sulfide vns - v. local brecciation pers. argillic clay alt local hairline stlwk qtz		X XX				Lt to dark green				2% diss + vn py		.001		<.10				
365	"	same w/ tr dk apple green waxy clay		X XX								" @ 2-3%		.003		.36				
370	↑ H_2O "	same w/ ↑ white clay										2-3% diss + vn py + marcasite		.006		.22				
375	↑ H_2O "	same w/ ↑ white clay weak fracturing w/ ↑ H_2O										" @ 3%		.004		<.10				
380	"	same										"		.005		.16				
385	"	same w/ ↑ drusy qtz marcasite vns		XX XX								" @ 4-5%		.003		.10				
390	"	same w/ ↑ stockwork + fracturing w/ ADOX w/ FeOx w/ wk ↑ silicification w/ ↑ qtz drusy vns		XX XX				green + org tan				"		.002		<.10				
395	"	same w/ few tan w/ wk FeOx frags w/ ↑ white clay						"				" @ ~3%		.003		<.10				
400																				

LAC MINERALS U.S.A. INC.

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PROJECT: ROSEBUD | LOGGED BY: KLK | HOLE NO.: RE-28 | PAGE 9 OF 10

Depth	RECOVERY	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	GRAPHIC ALTERATION	ARGILLIC W	ARGILLIC M	ARGILLIC S	SILICIFICATION W	SILICIFICATION M	SILICIFICATION S	PROPYLLITIC W	PROPYLLITIC M	PROPYLLITIC S	COLOR FINES	LIMONITE W	LIMONITE M	LIMONITE S	HEMATITE W	HEMATITE M	HEMATITE S	JAROSITE W	JAROSITE M	JAROSITE S	% SULFIDES	OTHER COMMENTS	Au	Au V	Ag	As	Hg	Sb	Se
400	Good	fine ash tuff mixed nontronite green & flesh, pkr argillic clay alt, wh soft white clay, wh to whitish mod drusy qtz sulfide veins w/ fine hairline stockwk qtz locally hydrothermal dated												GREEN + flesh										3%+ fine diss + vn py		.005		.16				
405	"	wh amber brown calcedony vns (w/ FeOx) wh local bleaching 2-3 stg stkworking flesh tuff - whitey siliceous												"										"		.009		.15				
410		same w/ ~70% tan tuff w/ wk↑ perv. silicification (wh white soft clay) + white calced vns																														
415	"	same w/ ~70% tan frag tuff 10% nontronite brecciated, strong white to hint green calcedony vns												"										" @ 4%+	+ marcasite	.010		<.10				
420	"	same w/ very strong translucent to opaque lt hint green calcedony vns perv Δfa w/ ~15-20% flesh tuff frags perv. bleach wh vuggy drusy qtz sulfide vns												hint green + flesh										" @ 2-3%	"	.002		.11				
425	"	same - w/ 90%+ translucent lt hint green calcedony vns * breccia fragm SiO2 w/ few angular tan tuff frags												clear hint green										"	"	.001		.23				
430	"	same @ 420-425 w/ strong calcedonic silica w/ wh lt green clay w/ ~7%+ contamination												"										"	"	.006		.11				
435	"	off white w/ hint green fine grained tuff - bleached w/ mod strong perv. argillic clay alt w/ calcedonic silica vns, tr white ▷ w/ epiclastic component. Fault zone w/ strong white clay washed out	FAULT											HINT WHITE green										~2% diss + vn py		.005		.14				
	"	same @ 430-435 w/ ↑ tuffaceous component wh white clay												"										"		.001		<.10				
440		same - mixed tuff; epiclastic whitey perv silicified, w/ perv bleaching w/ drusy vns w/ local gray sulfide												Lt sage green										≤1% diss py + tr Ag mineral		<.001		<.10				
445	"	same @ 440-445 w/ ~5% contamination + wk calcedony vns												"										"		<.001		<.10				
450																																

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PROJECT ROSEBUD LOGGED BY KLK HOLE NO. RE-28 PAGE 10 OF 10

	RECOVERY	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	GRAPHIC ALTERATION	ALTERATION: ARGILLIC W M S	ALTERATION: SILICIFICATION W M S	ALTERATION: PROPYLLITIC W M S	COLOR FINES	MINERALIZATION: LIMONITE W M S	MINERALIZATION: HEMATITE W M S	MINERALIZATION: JAROSITE W M S	% SULFIDES	OTHER COMMENTS	ANALYSES: Au	Au ✓	Ag	As	Hg	Sb	Se
450	GOOD	tr calcareous fine grained tuff - hard 1-2% contamination, wk fine laminae stockwork qtz, locally bleached wk SiO2 filling vesicles, wkly calcareous wkly contaminated		Xk Ca				LT SAGE GREEN				1-2% fine diss ± vn py		<.001		<.10				
455	"	same w/ wk local ↑ bleaching		Xk Ca				"				" @ 1%		<.001		<.10				
460	"	same w/ wk bleaching		Xk Ca				"				"		<.001		<.10				
465	"	same ↓ bleaching		Xk Ca				"				"		<.001		.14				
470	"	same bleached w chl-phenos		Xk Ca				"				"		<.001		<.10				
475	"	same ↑ flecked w/ chl phenos wkly ~ 1-2% contamination		Xk Ca				"				"		<.001		.11				
480	"	same flecked w/ chl phenos wkly contam ~ 1% +		Xk Ca				"				≤1% fine diss py		<.001		<.10				
485		T.D.																		
490																				
495																				
500																				

NEVADA GSI GEOCHEMICAL SERVICES, INC.

AUG 21 1989

GEOCHEMICAL ANALYSIS REPORT

August 17, 1989

Mr. Nate Brewer
LAC Minerals USA, Inc.
1475 Greg St.
Sparks, NV 89431

Number of Samples: 298
Project: 615411
GSI Number: 5083
Analysis: Fire Assay for Gold and Silver, with an A.A. finish.

	Sample I.D.			Au o/t	Ag o/t
1	RE-27	0	5	0.001	<.10
2	RE-27	5	10	0.001	<.10
3	RE-27	10	15	0.002	<.10
4	RE-27	15	20	0.001	<.10
5	RE-27	20	25	0.002	0.12
6	RE-27	25	30	0.001	<.10
7	RE-27	30	35	<.001	<.10
8	RE-27	35	40	<.001	<.10
9	RE-27	40	45	<.001	<.10
10	RE-27	45	50	<.001	0.28
11	RE-27	50	55	0.004	0.11
12	RE-27	55	60	0.001	0.12
13	RE-27	60	65	0.001	<.10
14	RE-27	65	70	<.001	0.13
15	RE-27	70	75	<.001	<.10
16	RE-27	75	80	0.002	0.23
17	RE-27	80	85	0.001	<.10
18	RE-27	85	90	0.001	0.25
19	RE-27	90	95	0.001	<.10
20	RE-27	95	100	0.001	<.10
21	RE-27	100	105	0.001	<.10
22	RE-27	105	110	0.001	<.10
23	RE-27	110	115	0.001	<.10
24	RE-27	115	120	0.001	<.10
25	RE-27	120	125	<.001	<.10
26	RE-27	125	130	0.001	0.37
27	RE-27	130	135	0.001	<.10
28	RE-27	135	140	0.002	<.10
29	RE-27	140	145	0.005	<.10
30	RE-27	145	150	0.005	0.10

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Sample I.D.			Au o/t	Ag o/t
31	RE-27	150 155	<.001	<.10
32	RE-27	155 160	<.001	<.10
33	RE-27	160 165	0.001	<.10
34	RE-27	165 170	<.001	<.10
35	RE-27	170 175	<.001	<.10
36	RE-27	175 180	<.001	0.15
37	RE-27	180 185	0.001	<.10
38	RE-27	185 190	0.002	0.17
39	RE-27	190 195	<.001	<.10
40	RE-27	195 200	<.001	<.10
41	RE-27	200 205	<.001	<.10
42	RE-27	205 210	<.001	<.10
43	RE-27	210 215	<.001	<.10
44	RE-27	215 220	<.001	<.10
45	RE-27	220 225	<.001	<.10
46	RE-27	225 230	<.001	<.10
47	RE-27	230 235	0.001	<.10
48	RE-27	235 240	0.001	0.23
49	RE-27	240 245	0.004	<.10
50	RE-27	245 250	0.003	0.34
51	RE-27	250 255	<.001	0.18
52	RE-27	255 260	0.002	<.10
53	RE-27	265 270	<.001	<.10
54	RE-27	270 275	<.001	<.10
55	RE-27	275 280	<.001	<.10
56	RE-27	280 285	<.001	<.10
57	RE-27	285 290	<.001	<.10
58	RE-27	290 295	0.001	<.10
59	RE-27	295 300	<.001	<.10
60	RE-27	300 305	<.001	<.10
61	RE-27	305 310	<.001	<.10
62	RE-27	310 315	<.001	<.10
63	RE-27	315 320	<.001	<.10
64	RE-27	320 325	<.001	<.10
65	RE-27	325 330	0.002	<.10
66	RE-27	330 335	<.001	<.10
67	RE-27	335 340	<.001	<.10
68	RE-27	340 345	0.001	<.10
69	RE-27	345 350	<.001	<.10
70	RE-27	350 355	0.001	<.10
71	RE-27	355 360	0.003	<.10
72	RE-27	360 365	0.004	<.10
73	RE-27	365 370	0.005	<.10
74	RE-27	370 375	0.002	0.24
75	RE-27	375 380	0.004	<.10
76	RE-27	380 385	0.006	<.10

COPY
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	Sample I.D.			Au o/t	Ag o/t
77	RE-27	385	390	0.004	0.17
78	RE-27	465	470	0.325	8.83
79	RE-27	470	475	0.206	5.42
80	RE-27	475	480	0.069	4.64
81	RE-27	480	485	0.032	1.10
82	RE-27	485	490	0.012	<.10
83	RE-27	490	495	0.013	<.10
84	RE-27	495	500	0.012	<.10
85	RE-27	500	505	0.006	<.10
86	RE-27	505	510	0.014	<.10
87	RE-27	510	515	0.025	<.10
88	RE-27	515	520	0.014	0.14
89	RE-27	520	525	0.003	<.10
90	RE-27	525	530	0.004	<.10
91	RE-27	530	535	0.003	<.10
92	RE-27	535	540	0.008	<.10
93	RE-27	540	545	0.003	<.10
94	RE-27	545	550	0.006	<.10
95	RE-27	550	555	0.003	<.10
96	RE-27	555	560	0.010	<.10
97	RE-27	560	565	0.007	<.10
98	RE-27	565	570	0.008	<.10
99	RE-27	570	575	0.006	<.10
100	RE-27	575	580	0.032	<.10
101	RE-28	0	5	0.003	<.10
102	RE-28	5	10	0.002	<.10
103	RE-28	10	15	0.001	<.10
104	RE-28	15	20	0.001	<.10
105	RE-28	20	25	0.001	<.10
106	RE-28	25	30	0.002	<.10
107	RE-28	30	35	0.001	<.10
108	RE-28	35	40	0.002	<.10
109	RE-28	40	45	0.003	0.10
110	RE-28	45	50	0.002	<.10
111	RE-28	50	55	0.002	0.13
112	RE-28	55	60	0.003	<.10
113	RE-28	60	65	0.001	<.10
114	RE-28	65	70	0.001	<.10
115	RE-28	70	75	<.001	0.14
116	RE-28	75	80	<.001	<.10
117	RE-28	80	85	<.001	<.10
118	RE-28	85	90	0.003	<.10
119	RE-28	90	95	0.001	<.10
120	RE-28	95	100	0.005	<.10
121	RE-28	100	105	0.001	<.10
122	RE-28	105	110	0.001	<.10

Sample I.D.			Au o/t	Ag o/t
123	RE-28	110 115	0.003	<.10
124	RE-28	115 120	<.001	<.10
125	RE-28	120 125	<.001	<.10
126	RE-28	125 130	0.002	<.10
127	RE-28	130 135	0.001	<.10
128	RE-28	135 140	0.002	<.10
129	RE-28	140 145	0.003	<.10
130	RE-28	145 150	0.001	<.10
131	RE-28	150 155	0.002	<.10
132	RE-28	155 160	0.001	<.10
133	RE-28	160 165	0.002	<.10
134	RE-28	165 170	0.001	<.10
135	RE-28	170 175	0.001	<.10
136	RE-28	175 180	0.003	0.12
137	RE-28	180 185	<.001	<.10
138	RE-28	185 190	0.007	0.16
139	RE-28	190 195	<.001	<.10
140	RE-28	195 200	<.001	0.13
141	RE-28	200 205	0.002	<.10
142	RE-28	205 210	0.001	<.10
143	RE-28	210 215	<.001	0.10
144	RE-28	215 220	<.001	<.10
145	RE-28	220 225	<.001	<.10
146	RE-28	225 230	<.001	<.10
147	RE-28	230 235	<.001	<.10
148	RE-28	235 240	<.001	<.10
149	RE-28	240 245	0.003	1.26
150	RE-28	245 250	0.061	0.96
151	RE-28	250 255	<.001	<.10
152	RE-28	255 260	<.001	0.17
153	RE-28	260 265	<.001	0.42
154	RE-28	265 270	0.021	0.45
155	RE-28	270 275	0.011	0.63
156	RE-28	275 280	0.003	0.27
157	RE-28	280 285	0.002	0.57
158	RE-28	285 290	0.001	0.57
159	RE-28	290 295	<.001	0.21
160	RE-28	295 300	0.006	0.16
161	RE-28	300 305	0.001	<.10
162	RE-28	305 310	0.002	0.14
163	RE-28	310 315	0.002	<.10
164	RE-28	315 320	0.002	0.12
165	RE-28	320 325	0.002	0.50
166	RE-28	325 330	0.003	0.11
167	RE-28	330 335	0.004	0.29
168	RE-28	335 340	0.003	0.16

Sample I.D.				Au o/t	Ag o/t
169	RE-28	340	345	0.003	0.90
170	RE-28	345	350	0.002	<.10
171	RE-28	350	355	0.002	<.10
172	RE-28	355	360	<.001	<.10
173	RE-28	360	365	0.001	<.10
174	RE-28	365	370	0.003	0.36
175	RE-28	370	375	0.006	0.22
176	RE-28	375	380	0.004	<.10
177	RE-28	380	385	0.005	0.16
178	RE-28	385	390	0.003	0.10
179	RE-28	390	395	0.002	<.10
180	RE-28	395	400	0.003	<.10
181	RE-28	400	405	0.005	0.16
182	RE-28	405	410	0.009	0.15
183	RE-28	410	415	0.010	<.10
184	RE-28	415	420	0.002	0.11
185	RE-28	420	425	0.001	0.23
186	RE-28	425	430	0.006	0.11
187	RE-28	430	435	0.005	0.14
188	RE-28	435	440	0.001	<.10
189	RE-28	440	445	<.001	<.10
190	RE-28	445	450	<.001	<.10
191	RE-28	450	455	<.001	<.10
192	RE-28	455	460	<.001	<.10
193	RE-28	460	465	<.001	<.10
194	RE-28	465	470	<.001	0.14
195	RE-28	470	475	<.001	<.10
196	RE-28	475	480	<.001	0.11
197	RE-28	480	485	<.001	<.10
198	RE-29	0	5	0.002	0.13
199	RE-29	5	10	0.001	0.11
200	RE-29	10	15	0.001	<.10
201	RE-29	15	20	0.001	<.10
202	RE-29	20	25	0.001	<.10
203	RE-29	25	30	0.001	<.10
204	RE-29	30	35	0.002	0.13
205	RE-29	35	40	0.002	0.14
206	RE-29	40	45	0.001	0.15
207	RE-29	45	50	0.001	0.12
208	RE-29	50	55	0.002	0.12
209	RE-29	55	60	0.001	0.19
210	RE-29	60	65	0.001	0.26
211	RE-29	65	70	0.002	0.22
212	RE-29	70	75	0.001	0.11
213	RE-29	75	80	<.001	0.21
214	RE-29	80	85	0.001	<.10

not in DB

Sample I.D.			Au o/t	Ag o/t
215	RE-29	85 90	<.001	0.13
216	RE-29	90 95	0.002	<.10
217	RE-29	95 100	0.002	<.10
218	RE-29	100 105	0.002	<.10
219	RE-29	105 110	<.001	<.10
220	RE-29	110 115	0.002	0.11
221	RE-29	115 120	0.002	0.14
222	RE-29	120 125	0.001	<.10
223	RE-29	125 130	0.002	0.24
224	RE-29	130 135	0.001	0.17
225	RE-29	135 140	0.001	0.24
226	RE-29	140 145	0.001	0.11
227	RE-29	145 150	0.002	<.10
228	RE-29	150 155	0.002	<.10
229	RE-29	155 160	0.002	<.10
230	RE-29	160 165	0.001	<.10
231	RE-29	165 170	0.003	0.13
232	RE-29	170 175	0.002	0.32
233	RE-29	175 180	0.002	<.10
234	RE-29	180 185	0.002	<.10
235	RE-29	185 190	<.001	<.10
236	RE-29	190 195	<.001	<.10
237	RE-29	195 200	0.001	<.10
238	RE-29	200 205	0.001	<.10
239	RE-29	205 210	0.001	<.10
240	RE-29	210 215	0.003	<.10
241	RE-29	215 220	0.002	<.10
242	RE-29	220 225	0.003	0.18
243	RE-29	225 230	0.002	0.17
244	RE-29	230 235	0.002	0.14
245	RE-29	235 240	0.001	<.10
246	RE-29	240 245	0.002	<.10
247	RE-29	245 250	0.001	<.10
248	RE-29	250 255	0.001	0.19
249	RE-29	255 260	0.004	0.57
250	RE-29	260 265	0.002	0.15
251	RE-29	265 270	0.002	0.38
252	RE-29	270 275	0.003	0.24
253	RE-29	275 280	0.002	0.81
254	RE-29	280 285	0.002	0.68
255	RE-29	285 290	0.003	0.11
256	RE-29	290 295	0.010	<.10
257	RE-29	295 300	0.003	0.13
258	RE-29	300 305	0.002	0.23
259	RE-29	305 310	0.002	<.10
260	RE-29	310 315	0.005	0.10

Sample I.D.			Au o/t	Ag o/t
261	RE-29	315 320	0.003	<.10
262	RE-29	320 325	0.003	<.10
263	RE-29	325 330	0.004	<.10
264	RE-29	330 335	0.004	<.10
265	RE-29	335 340	0.003	0.15
266	RE-29	340 345	0.003	0.11
267	RE-29	345 350	0.002	<.10
268	RE-29	350 355	0.003	0.11
269	RE-29	355 360	0.003	0.13
270	RE-29	360 365	0.006	0.23
271	RE-29	365 370	0.003	0.15
272	RE-29	370 375	0.003	0.17
273	RE-29	375 380	0.004	0.18
274	RE-29	380 385	0.003	<.10
275	RE-29	385 390	0.004	0.17
276	RE-29	390 395	0.005	0.23
277	RE-29	395 400	0.005	<.10
278	RE-29	400 405	0.007	0.12
279	RE-29	405 410	0.007	0.19
280	RE-29	410 415	0.007	0.63
281	RE-29	415 420	0.004	<.10
282	RE-29	420 425	0.002	<.10
283	RE-29	425 430	0.003	<.10
284	RE-29	430 435	0.005	<.10
285	RE-29	435 440	0.001	<.10
286	RE-29	440 445	<.001	<.10
287	RE-29	445 450	<.001	0.18
288	RE-29	450 455	0.002	<.10
289	RE-29	455 460	0.002	0.15
290	RE-29	460 465	0.001	<.10
291	RE-29	465 470	0.001	<.10
292	RE-29	470 475	0.001	<.10
293	RE-29	475 480	<.001	<.10
294	RE-29	480 485	<.001	<.10
295	RE-29	485 490	0.003	<.10
296	RE-29	490 495	<.001	<.10
297	RE-29	495 500	<.001	<.10
298	RE-29	500 505	<.001	<.10

This report reviewed and approved by:

Richard A. Grondin

Richard Grondin, Operations Manager