60001320

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-87
AUTHOR	M. Brady; N. Brewer; K. Kerner; R. Grondia
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; Eklund Drilling; Lac Minerals (USA) Inc
COMMODITY If not obvious	gold silver
NOTES	Drill log; geology; assay; total depth 845'; handwritten notes 28p.

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: mah
Initials Date
SCANNED:
Initials Date

Revised: 1/22/08

DRILL LOGS RL-87

Rosebud

60001320 4010

60001320

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

DRILL LOG SUMMARY SHEET

PROJECT Rosebud

HOLE NUMBER RL-87 TOTAL DEPTH 845 LOGGED BY DAM

Date started 5.8.90

Date completed 5.9.90

Initial bearing N30W

Initial inclination -60°

Elevation 6029.7

Collar coordinates:

N 2212831.0'

E 478445.1'

Contractor: EKLUND

Drill Type: MPD-1000

Hole Size: 4 3/4"

Drilling Conditions:

Footage: Wet / Dry

Comments: 50' CEMENT PLUG

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

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 RC-87

Page 1 of 9

LOGGED BY DAM

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	
									ORANGE RED					BLEACHED, OXIDIZED, WK-MOD SILICIFIED CRYSTAL TUFF 0-550'	L	.17		
05															.001	L		
10															.002	.14		
15															.001	.20		
20															.001	.12		
25									CREAM						L	L		
30														BL↑ 30-50'	L	L		
35															L	L		
40															L	L		
45															L	.20		
50									REDDISH ORANGE						L	.15		
55															.001	L		
60															.001	L		
65															.001	L		
70															.001	L		
75															.001	L		
80															.002	.20		
85															.001	L		
90															.001	L		
95															.001	L		
100																		

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 RL-87

Page 2 of 9

LOGGED BY DAM

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	
		OX							ORANGE RED						.001	.15		
/05		OX													.002	L		
/10		OX													.002	L		
/15		OX													.001	L		
/20		XK OX													.001	L		
/25		OX							CREAM						.002	L		
/30		OX												BL↑ 125-135	.002	L		
/35		XK OX													.001	.22		
/40		XK OX													.002	L		
/45		XK OX													.001	L		
/50		OX													.001	.12		
/55		OX													.001	L		
/60		OX													L	L		
/65		OX							CREAM					BL↑ 165-175	L	L		
/70		OX													L	L		
/75		OX							RED ORANGE						L	L		
/80		OX													L	L		
/85		OX													L	L		
/90		OX													L	L		
/95		OX													L	L		
200		OX							CREAM GREY						L	L		

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 RL-87

Page 3 of 9

LOGGED BY DAM

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	
		XX OX							CREAM				4%	MORE BLEACHED LESS SULFIDES 200-245'	L	L		
205		XX OX													.001	L		
210		XX OX													L	L		
215		XX OX													L	L		
220		XX OX													L	L		
225		XX OX													L	L		
230		XX OX													L	L		
235		XX OX													L	L		
240		XX OX							ORANGE RED PINKISH						.001	L		
245		XX OX													.001	L		
250		XX OX												INCREASE OXIDIZED SULFIDES 250-275	.001	L		
255		XX OX													.003	L		
260		XX OX													.005	L		
265		XX OX													.008	L		
270		XX OX													.006	L		
275		XX OX													.003	L		
280		XX OX													.004	L		
285		XX OX													.005	L		
290		XX OX													.003	L		
295		XX OX													.001	L		
300																		

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 RL-87

Page 4 of 9

LOGGED BY DAM

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	
		~ XX OX							CLEAN + BROWN				~1%		.001	L		
305		~ XX OX													.001	L		
310		~ XX OX							ORANGE RED						.002	L		
315		~ XX OX													.002	L		
320		~ XX OX													.001	L		
325		~ XX XK OX													.002	L		
330		~ XX OX													.003	L		
335		~ XX OX													.003	L		
340		~ XX OX													.002	L		
345		~ XX OX							+ GREY				±1%	INCLUDES VERY FINE SULFIDES 345-350	.002	L		
350		~ XX OX							ORANGE BEIGE				±2%		.003	L		
355		~ XX XK OX													.002	L		
360		~ XX OX													.002	L		
365		~ XX OX													.002	L		
370		~ XX OX													.002	L		
375		~ XX OX							BROWN + BEIGE				3-5%	VERY FINE SULFIDES IN GROUNDMASS OF GREYISH PURPLE BROWN CHIPS	.001	L		
380		~ XX OX													L	L		
385		~ XX OX													L	L		
390		~ XX OX													.002	L		
395		~ XX OX													L	L		
400																		

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 RL-87

Page 5 of 9

LOGGED BY DAM

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	
		ox							BROWN				3-4%	DECREASED BLEACHING, VERY FINE SULFIDES (~3%) IN GROUNDMASS wk-MOD ox.	.001	L		
405		ox												405'-425' CRYSTALS NOT SO OBVIOUS IN CHIPS (IF PRESENT)	.001	L		
410		ox													.001	L		
415		ox													L	L		
420		ox													L	L		
425									REDDISH BROWN				±1%	BLEACHED, OXIDIZED CRYSTAL TUFF (DECREASING XL'S?)	L	L		
430															.002	L		
435															.002	L		
440															.001	L		
445															.001	L		
450															.001	L		
455															.002	L		
460									LT GREY				3%		.002	L		
465									REDDISH BROWN				±1%		.002	L		
470															.004	L		
475															.002	L		
480															.003	L		
485															.003	L		
490															.005	L		
495															.004	L		
500																		

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 RL-87

Page 6 of 9

LOGGED BY DAM

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	
		XX OX							LT ORANGE				±1		.006	L		
505		XX OX													.006	L		
510		XX OX													.005	L		
515		XX OX													.008	L		
520		XX OX													.004	L		
525		XX OX													.004	L		
530		XX OX													.002	L		
535									LT GREY				±2%	MOST CLAY ALTERED 535-550'	.003	L		
540									BEIGE						.007	L		
545															.004	L		
550		XX							BROWN GREY				±5%	WEAK-MOD SILICIFIED TUFF w VERY FINE DIS. SULFIDES, SLIGHTLY GRANULAR SOME XL'S 550-655'	.001	L		
555		XX													.001	L		
560		XX							GREY						.001	L		
565		XX													.001	L		
570		XX													L	L		
575		XX													L	L		
580		XX													L	L		
585		XX													L	L		
590		XX													L	L		
595		XX													L	L		
600																		

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 RC-87

Page 7 of 9

LOGGED BY DAM

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK
		OX							REDDISH BROWN GREY				+5%	VERY FINE GRAINED, DARK w/ LOTS OF OX BROWN	L	L	
605		OX													L	L	
610		OX													L	L	
615		OX													L	L	
620		OX													L	L	
625		XK OX													L	L	
630		OX													L	L	
635		OX													L	L	
640		XK OX													L	L	
645		OX													L	L	
650		OX													L	L	
655		XK							LT GREEN + DK CLASTS					GRANULAR, BLEACHED TUFF w/ V. FINE QTZ STKWK, DKER CLASTS PART OF "BRECCIA"?	L	L	
660		XK													L	L	
665		XK													L	L	
670		XK													L	L	
675		XK													L	L	
680		XK													L	L	
685		XK													L	L	
690		XK													L	L	
695		XK													L	L	
700		XK													L	L	

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 RL-87

Page 8 of 9

LOGGED BY DAM

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	
		~							GREEN					SLIGHTLY BLEACHED GRANULAR (BRECCIA) PYROCLASTIC SOME	.005	L		
05		~												STKWK	L	L		
10		~													L	L		
15		~													.001	L		
20		~													L	L		
25		~													L	.55		
30		~													L	L		
35															L	L		
40															L	L		
45															L	.12		
50															L	L		
55															L	L		
60															L	L		
65															L	L		
70															L	L		
75															L	L		
80															L	L		
85															L	L		
90															L	L		
95															L	L		
100															L	L		

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 RC-87

Page 9 of 9

LOGGED BY DAN

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK	
									DK GREEN					DK GREEN GRANULAR PYROCLASTIC	L	L		
805															L	L		
810															L	L		
815															L	L		
820															L	L		
825															L	L		
830															L	L		
835															L	L		
840															L	L		
T.D. 845														T.D. = 845	L	L		
50																		
55																		
60																		
65																		
70																		
75																		
80																		
85																		
90																		
95																		
00																		

Filename: drbLOG.xls

PROJECT: ROSEBUD	STATE: Nevada	NORTHING:	TOTAL	Page 1/4	HOLE#: RL
LOGD BY: MWBrady	COUNTY: Pershing	EASTING:	BEARING:		DRB 87
UTM#: NK 11-10-06	SEC. T. N., R.	ELEVATION:	ANGLE:		

DRILLING NOTES: TIME | Dates, H2O, Casing, Bits, Hole C

North Equinox

DEPTH in FEET	COLOR (WET)	ALLUVM (1)	BADGER (2)	CHOCOLT (3)	UBUD (4)	BRADY (5)	MKRPOR (6)	LBUD (7)	DOZER (8)	WILDROS (9)	SURGTUF (10)	ASHFLO (11)	LAVA (12)	AUTOBXA (13)	INTRUSV (14)	BASALT (15)	ANDESIT (16)	RHYOLIT (17)	BROKEN (18)	GOUGE (19)	GRAPHIC (20)	OXD'TN MANGAN (21)	HEMAT (22)	LIMON (23)	PYRITE (24)	GRAPHIC (25)	NALTRD (26)	ROPYLT (27)	ARG (28)	RPL SIL (29)	STKWKS (30)	VEINS (31)	CALCITE (32)	(33)	GRAPHIC (34)	COMMENTS: Sample Recovery / Composite Geochem Intervals	SAMPLE No.
10	WTE																			2																Flow brec? w/wk-min feox coats + diss	5
	TO TAN																																				10
20																																					15
																																				more equigranular	20
30	Lt Purple																																				25
	WTE +																			1																wk feox films	30
40	Tan																																				35
																																					40
50																																					45
																																					50
60	TAN																		3																	fine grained flow	55
																				1	1															mixture feox + fine diss py clots	60
70																																					65
	TAN +																			2																	70
80	ORNG BRN																																			Red brn fine grain flow w/ red diss feox films	75
																																					80
90																					1															vfine diss py	85
	ORNG BRN																			3																	90
	TAN +																			2																	95
100	WTE																			1																w/blk pitch lim on fractures	100
110																					1											1				fine grained flow w/ qtz+py veinlets (<1/8")	105
																				1																	110
	TAN																			2																fine grained flow w/ orng brn feox coats	115
120																																					120
130																																					125
																																					130
140																																					135
	TAN +																			3																a.a w/ increasing orng brn feox films	140
	ORNG BRN																																				145
150																																					150
																																					155
160	Tan																			2																	160
170																																					165
																																					170
180																																					175
	LT RED																			3																	180
190	BRN																																			a.a w/ Lt yellow jarosite films	185
																																					190
200																																					195
	TAN +																			2																fine grained flow w/ wk red brn feox in fracts	200
210	WTE																																			+ wk yellow jarosite films	205
																																					210
220																				1																	215
																																					220
230																																					225
																																					230
240	TAN +																			2																increasing red brn feox films	235
	RED BRN																																				240
250																																					245
																																					250

PROJECT: ROSEBUD	STATE: Nevada	NORTHING:	TOTAL Page 2/4
LOGD BY: MWB	COUNTY: Pershing	EASTING:	BEARING:
UTM#: NK 11-10-06	SEC. T. N., R.	ELEVATION:	ANGLE:

HOLE#: RL
DRB 87

DRILLING NOTES: TIME | Dates, H2O, Casing, Bits, Hole C

STRATIGRAPHY/LITHOLOGY

DEPTH in FEET	COLOR (WET)	ALLUVM 1	BADGER 2	CHOCOLT 3	UBUD 4	BRADY 5	MKRPOR 6	LBUD 7	DOZER 8	WILDROS 9	SURGTUF 10	ASHOFLO 11	LAVA0 12	AUTOBXA 13	INTRUSV 14	BASALT 12	ANDESIT 13	RHYOLIT 14	BROKEN 15	GOUGE 16	GRAPHIC
260	RED BRN + TAN																				
270																					
280	TAN + RED BRN																				
290																					
300																					
310	TAN + LT PURPLE																				
320	TAN +																				
330	ORNG BRN																				
340																					
350	WTE + TAN																				
360																					
370	TAN + LT PURPLE																				
380																					
390																					
400																					
410	LTBRN																				
420																					
430	TAN + WTE																				
440																					
450																					
460																					
470																					
480																					
490																					
500																					

STRCT

ALTERATION & MINERALIZATION

	OXD'T'N MANGAN 17	HEMAT 18	LIMON 19	PYRITE 20	GRAPHIC	UNALTRD 21	PROPYLT 22	ARG 22	RPLSIL 23	STKWKS 24	VEINS 25	CALCITE 26	27	GRAPHIC
260			3											
270			4											
280			3											
290														
300														
310			2											
320														
330														
340														
350										1	1			
360														
370			2											
380			1											
390														
400														
410			1											
420														
430			1											
440														
450														
460														
470			1	1							1			
480			2											
490														
500			1											

COMMENTS

Sample Recovery

Composite Geochem Intervals

SAMPLE No	COMMENTS
255	fine grained flow; mod red brn fe ox coats
260	+ impregnations
265	
270	
275	
280	
285	
290	
295	
300	
305	
310	
315	
320	
325	
330	
335	
340	
345	Poss wk Qtz veinlet stockworks
350	345-360 hydro bxa?
355	
360	
365	
370	
375	fine grained flow w/ wk fe ox coats
380	
385	
390	
395	
400	
405	Looks like fine grained andesite flow?
410	
415	
420	
425	Fine grained flow w/ wk fe ox coats.
430	
435	
440	
445	
450	
455	
460	
465	w/ wk diss py (fine) looks like poss hydro bxa
470	
475	increasing dk red brn pitchstone in fragments
480	
485	
490	
495	
500	

PROJECT: ROSEBUD	STATE: Nevada	NORTHING:	TOTAL: Page 3/4
LOGD BY: MWB	COUNTY: Pershing	EASTING:	BEARING:
UTM#: NK 11-10-06	SEC. T. N., R.	ELEVATION:	ANGLE:

HOLE#: RL 87
DRB

DRILLING NOTES

TIME | Dates, H2O, Casing, Bits, Hole Co

DEPTH in FEET

STRATIGRAPHY/LITHOLOGY

COLOR (WET)	ALLUVM0 (1)	BADGER (2)	CHOCOLT (3)	UBUD (4)	BRADY (5)	MKR POR (6)	LBUD (7)	DOZER (8)	WILDROS (9)	SURGTUF (10)	ASHOFLO (11)	LAVA0 (12)	AUTOBXA (13)	INTRUSV (14)	BASALT (12)	ANDESIT (13)	RHYOLIT (14)	STRCT BROKEN (15)	STRCT GOUGE (16)
TAN			/									/							
WTE+LT YELLOW +ORNGE			/									/							
↓			/									/							
LT GRY+ WTE			/									/							/
↓			/									/							
BRN+ ORNGBRN			/									/							
GRY+ GRY BRN			/									/							
↓			/									/							
REDBRN																/			
↓																/			
GRY+LT GRN			/										/						
			/										/						
			?										/						
GRY+ BLK												/							
↓												/							
													/						
													/						
													/						
													/						
													/						
													/						
													/						
													/						
													/						
													/						

STRCT GRAPHIC: OX; FL; 3-XBD

ALTERATION & MINERALIZATION

OXD'TN GANGAN (17)	HEMAT (18)	LIMON (19)	PYRITE (20)	ALTRD (21)	PROPYLT (22)	ARG (22)	PL SIL (23)	STKWKS (24)	VEINS (25)	CALCITE (26)	(27)
		1									
		2	1						1		
		↓	↓						↓		
		↓	↓						↓		
		↓	↓						↓		
		↓	↓						↓		
		↓	4			4					
			↓			↓					
			3			3					
		1									
		↓									
		↓									
		↓

Filename: drbLOG.xls

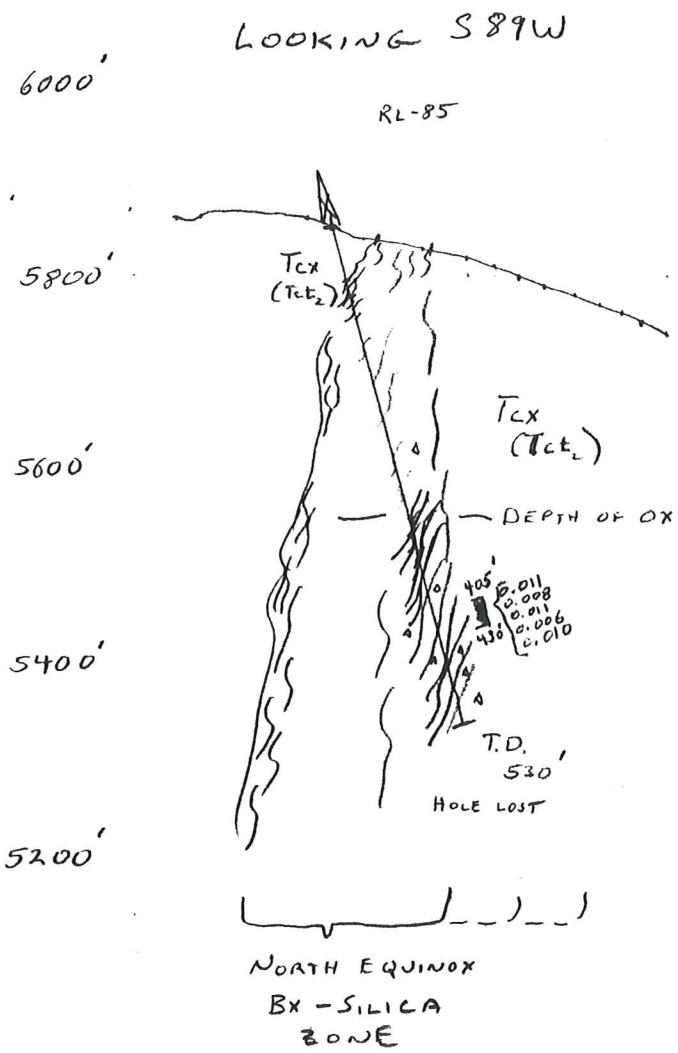
PROJECT: ROSEBUD	STATE: Nevada	NORTHING:	TOTAL: Page 4/4
LOGD BY: MWB	COUNTY: Pershing	EASTING:	BEARING:
UTM#: NK 11-10-06	SEC. T. N., R.	ELEVATION:	ANGLE:

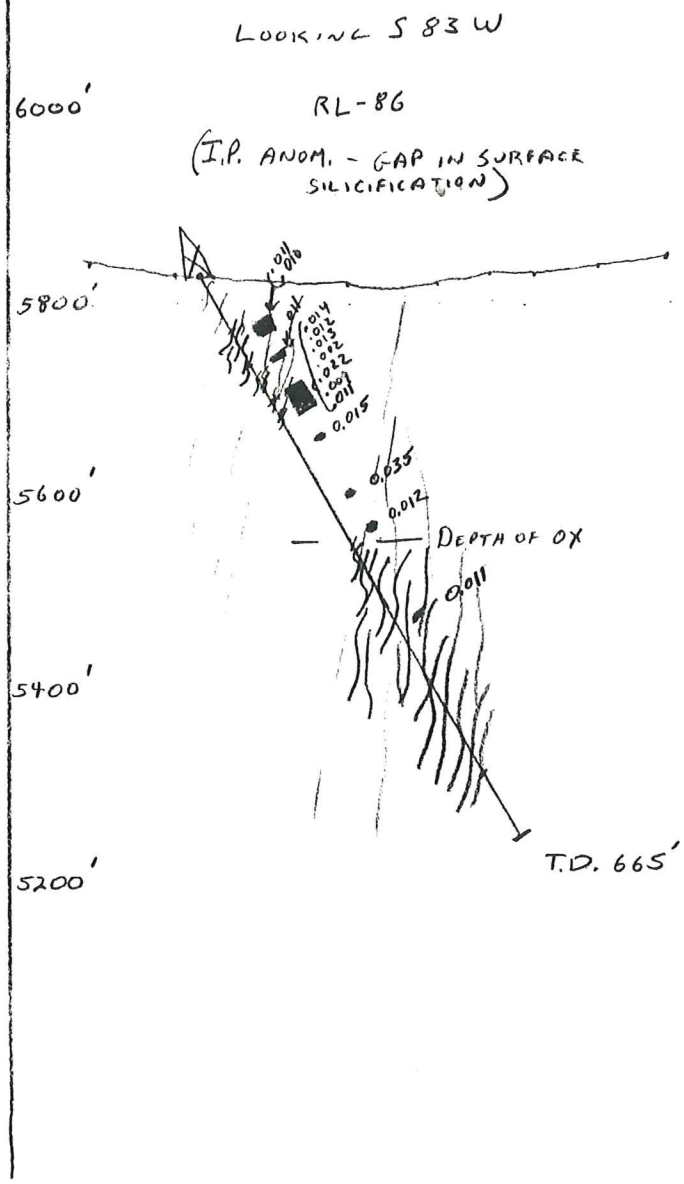
HOLE#: RL DRB 87

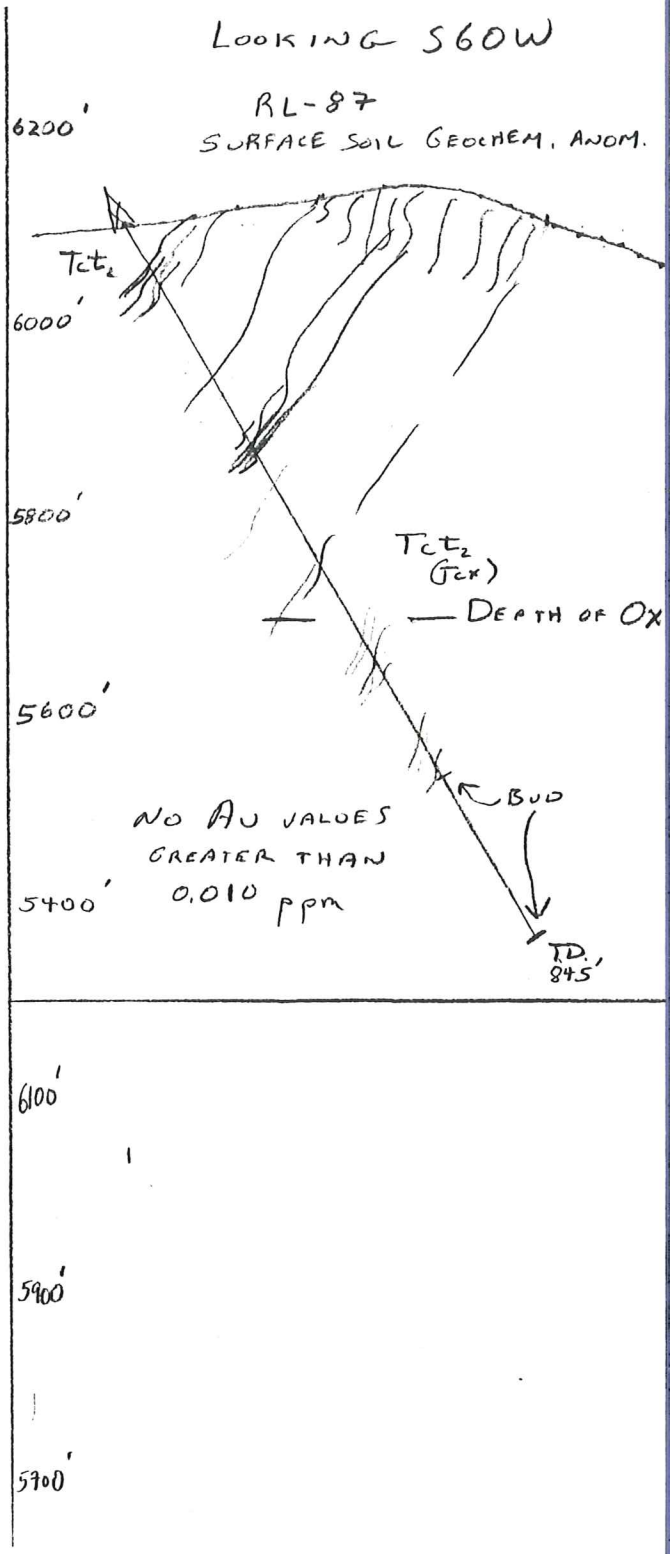
DRILLING NOTES		STRATIGRAPHY/LITHOLOGY																				STRCT		ALTERATION & MINERALIZATION														COMMENTS	
TIME	Dates, H20, Casing, Bits, Hole Co	COLOR (WET)	ALUVM	BADGER	CHOCOLT	BUD	BRADY	MKR POR	LBUD	DOZER	WILDROS	SURGTUF	ASHOFLO	LAVA00	AUTOBXA	INTRUSV	BASALT	ANDESIT	RHYOLIT	BROKEN	GOUGE	GRAPHIC		OXD'T'N GANGAN	HEMAT	LIMON	PYRITE	GRAPHIC	UNALTRD	PROPYLT	ARG	RPL SIL	STKWKS	VEINS	CALCITE		GRAPHIC	Sample Recovery	Composite Geochem Intervals	SAMPLE No
DEPTH in FEET			1	2	3	4	5	6	7	8	9	10	11	12	13	11	12	13	14	15	16			17	18	19	20		21	22	22	23	24	25	26	27				
760		GRY+ BLK																												2								flow bxa		755
770																																								760
780																														1										765
790																																								770
800																																								775
810		GRY + DKGRY																								1												Poss Tbf unit → no alteration		780
820																																								785
830																																								790
840																																								795
850	TD 845																																							800
860																																								805
870																																								810
880																																								815
890																																								820
900																																								825
910																																								830
920																																								835
930																																								840
940																																								845
950																																								850
960																																								855
970																																								860
980																																								865
990																																								870
1000																																								875
																																								880
																																								885
																																								890
																																								895
																																								900
																																								905
																																								910
																																								915
																																								920
																																								925
																																								930
																																								935
																																								940
																																								945
																																								950
																																								955
																																								960
																																								965
																																								970
																																								975
																																								980
																																								985
																																								990
																																								995
																																								1000

NORTH EQUINOX DRILLING

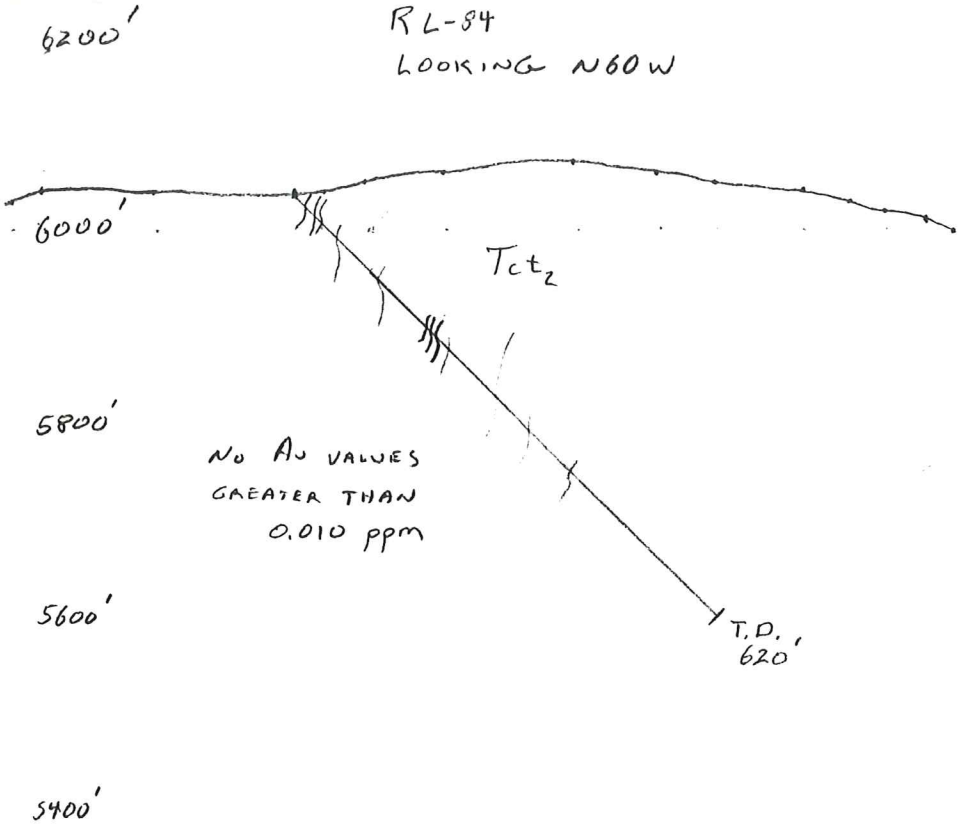
JUNE 5, 1990
SR MAYNARD







RL-84
LOOKING N60W



NEVADA GSI

JUN 01 1990

GEOCHEMICAL ANALYSIS REPORT

May 28, 1990

CUST. CODE: LOA
PROJECT: URBD-79014
P.O. #: XXXX
LOT ID: 7233

GEOLOGIST: NATE BREWER
COPIES TO: KRISTEN KENNER
COMPANY: LAC MINERALS
ANALYSIS: FIRE ASSAY FOR GOLD AND SILVER, WITH AN A.A. FINISH.

	SAMPLE I.D.			Au o/t	Ag o/t
1	RL-86	465	470	0.004	0.13
2	RL-86	470	475	0.003	-0.10
3	RL-86	475	480	0.004	0.17
4	RL-86	480	485	0.004	0.14
5	RL-86	485	490	0.006	0.21
6	RL-86	490	495	0.005	-0.10
7	RL-86	495	500	0.005	-0.10
8	RL-86	500	505	0.004	-0.10
9	RL-86	505	510	0.004	0.15
10	RL-86	510	515	0.006	0.27
11	RL-86	515	520	0.006	0.17
12	RL-86	520	525	0.005	-0.10
13	RL-86	525	530	0.007	-0.10
14	RL-86	530	535	0.009	-0.10
15	RL-86	535	540	0.003	-0.10
16	RL-86	540	545	0.006	-0.10
17	RL-86	545	550	0.005	-0.10
18	RL-86	550	555	0.003	-0.10
19	RL-86	555	560	0.004	-0.10
20	RL-86	560	565	0.004	-0.10
21	RL-86	565	570	0.007	-0.10
22	RL-86	570	575	0.005	-0.10
23	RL-86	575	580	0.003	-0.10
24	RL-86	580	585	0.001	-0.10
25	RL-86	585	590	0.001	-0.10
26	RL-86	590	595	0.001	-0.10
27	RL-86	595	600	0.001	-0.10
28	RL-86	600	605	0.001	-0.10
29	RL-86	605	610	0.001	-0.10
30	RL-86	610	615	0.001	0.14

1498 Kleppe Lane • Sparks, Nevada 89431 • FAX: 702/359-6605 • 702/359-6600

	SAMPLE I.D.			Au g/t	Ag g/t
31	RL-86	615	620	0.001	-0.10
32	RL-86	620	625	0.001	0.17
33	RL-86	625	630	0.001	-0.10
34	RL-86	630	635	0.001	0.19
35	RL-86	635	640	0.002	0.15
36	RL-86	640	645	0.006	-0.10
37	RL-86	645	650	-0.001	-0.10
38	RL-86	650	655	0.001	-0.10
39	RL-86	655	660	0.001	-0.10
40	RL-86	660	665	-0.001	-0.10
41	RL-87	0	5	-0.001	0.17
42	RL-87	5	10	0.001	-0.10
43	RL-87	10	15	0.002	0.14
44	RL-87	15	20	0.001	0.20
45	RL-87	20	25	0.001	0.12
46	RL-87	25	30	-0.001	-0.10
47	RL-87	30	35	-0.001	-0.10
48	RL-87	35	40	-0.001	-0.10
49	RL-87	40	45	-0.001	-0.10
50	RL-87	45	50	-0.001	0.20
51	RL-87	50	55	-0.001	0.15
52	RL-87	55	60	0.001	-0.10
53	RL-87	60	65	0.001	-0.10
54	RL-87	65	70	0.001	-0.10
55	RL-87	70	75	0.001	-0.10
56	RL-87	75	80	0.001	-0.10
57	RL-87	80	85	0.002	0.20
58	RL-87	85	90	0.001	-0.10
59	RL-87	90	95	0.001	-0.10
60	RL-87	95	100	0.001	-0.10
61	RL-87	100	105	0.001	0.15
62	RL-87	105	110	0.002	-0.10
63	RL-87	110	115	0.002	-0.10
64	RL-87	115	120	0.001	-0.10
65	RL-87	120	125	0.001	-0.10
66	RL-87	125	130	0.002	-0.10
67	RL-87	130	135	0.002	-0.10
68	RL-87	135	140	0.001	0.22
69	RL-87	140	145	0.002	-0.10
70	RL-87	145	150	0.001	-0.10
71	RL-87	150	155	0.001	0.12
72	RL-87	155	160	0.001	-0.10
73	RL-87	160	165	-0.001	-0.10
74	RL-87	165	170	-0.001	-0.10
75	RL-87	170	175	-0.001	-0.10

	SAMPLE I.D.			Au o/t	Ag o/t
76	RL-87	175	180	-0.001	-0.10
77	RL-87	180	185	-0.001	-0.10
78	RL-87	185	190	-0.001	-0.10
79	RL-87	190	195	-0.001	-0.10
80	RL-87	195	200	-0.001	-0.10
81	RL-87	200	205	-0.001	-0.10
82	RL-87	205	210	0.001	-0.10
83	RL-87	210	215	-0.001	-0.10
84	RL-87	215	220	-0.001	-0.10
85	RL-87	220	225	-0.001	-0.10
86	RL-87	225	230	-0.001	-0.10
87	RL-87	230	235	-0.001	-0.10
88	RL-87	235	240	-0.001	-0.10
89	RL-87	240	245	0.001	-0.10
90	RL-87	245	250	0.001	-0.10
91	RL-87	250	255	0.001	-0.10
92	RL-87	255	260	0.003	-0.10
93	RL-87	260	265	0.005	-0.10
94	RL-87	265	270	0.008	-0.10
95	RL-87	270	275	0.006	-0.10
96	RL-87	275	280	0.003	-0.10
97	RL-87	280	285	0.004	-0.10
98	RL-87	285	290	0.005	-0.10
99	RL-87	290	295	0.003	-0.10
100	RL-87	295	300	0.001	-0.10
101	RL-87	300	305	0.001	-0.10
102	RL-87	305	310	0.001	-0.10
103	RL-87	310	315	0.002	-0.10
104	RL-87	315	320	0.002	-0.10
105	RL-87	320	325	0.001	-0.10
106	RL-87	325	330	0.002	-0.10
107	RL-87	330	335	0.003	-0.10
108	RL-87	335	340	0.003	-0.10
109	RL-87	340	345	0.002	-0.10
110	RL-87	345	350	0.002	-0.10
111	RL-87	350	355	0.003	-0.10
112	RL-87	355	360	0.002	-0.10
113	RL-87	360	365	0.002	-0.10
114	RL-87	365	370	0.001	-0.10
115	RL-87	370	375	0.002	-0.10
116	RL-87	375	380	0.001	-0.10
117	RL-87	380	385	-0.001	-0.10
118	RL-87	385	390	-0.001	-0.10
119	RL-87	390	395	0.002	-0.10
120	RL-87	395	400	-0.001	-0.10

	SAMPLE I.D.			Au o/t	Ag o/t
121	RL-87	400	405	0.001	-0.10
122	RL-87	405	410	0.001	-0.10
123	RL-87	410	415	0.001	-0.10
124	RL-87	415	420	-0.001	-0.10
125	RL-87	420	425	-0.001	-0.10
126	RL-87	425	430	-0.001	-0.10
127	RL-87	430	435	0.002	-0.10
128	RL-87	435	440	0.002	-0.10
129	RL-87	440	445	0.001	-0.10
130	RL-87	445	450	0.001	-0.10
131	RL-87	450	455	0.001	-0.10
132	RL-87	455	460	0.002	-0.10
133	RL-87	460	465	0.002	-0.10
134	RL-87	465	470	0.002	-0.10
135	RL-87	470	475	0.004	-0.10
136	RL-87	475	480	0.002	-0.10
137	RL-87	480	485	0.003	-0.10
138	RL-87	485	490	0.003	-0.10
139	RL-87	490	495	0.005	-0.10
140	RL-87	495	500	0.004	-0.10
141	RL-87	500	505	0.006	-0.10
142	RL-87	505	510	0.006	-0.10
143	RL-87	510	515	0.005	-0.10
144	RL-87	515	520	0.008	-0.10
145	RL-87	520	525	0.004	-0.10
146	RL-87	525	530	0.004	-0.10
147	RL-87	530	535	0.002	-0.10
148	RL-87	535	540	0.003	-0.10
149	RL-87	540	545	0.007	-0.10
150	RL-87	545	550	0.004	-0.10
151	RL-87	550	555	0.001	-0.10
152	RL-87	555	560	0.001	-0.10
153	RL-87	560	565	0.001	-0.10
154	RL-87	565	570	0.001	-0.10
155	RL-87	570	575	-0.001	-0.10
156	RL-87	575	580	-0.001	-0.10
157	RL-87	580	585	-0.001	-0.10
158	RL-87	585	590	-0.001	-0.10
159	RL-87	590	595	-0.001	-0.10
160	RL-87	595	600	-0.001	-0.10
161	RL-87	600	605	-0.001	-0.10
162	RL-87	605	610	-0.001	-0.10
163	RL-87	610	615	-0.001	-0.10
164	RL-87	615	620	-0.001	-0.10
165	RL-87	620	625	-0.001	-0.10

	SAMPLE I.D.			Au o/t	Ag o/t
166	RL-87	625	630	-0.001	-0.10
167	RL-87	630	635	-0.001	-0.10
168	RL-87	635	640	-0.001	-0.10
169	RL-87	640	645	-0.001	-0.10
170	RL-87	645	650	-0.001	-0.10
171	RL-87	650	655	-0.001	-0.10
172	RL-87	655	660	-0.001	-0.10
173	RL-87	660	665	-0.001	-0.10
174	RL-87	665	670	-0.001	-0.10
175	RL-87	670	675	-0.001	-0.10
176	RL-87	675	680	-0.001	-0.10
177	RL-87	680	685	-0.001	-0.10
178	RL-87	685	690	-0.001	-0.10
179	RL-87	690	695	-0.001	-0.10
180	RL-87	695	700	-0.001	-0.10
181	RL-87	700	705	0.005	-0.10
182	RL-87	705	710	-0.001	-0.10
183	RL-87	710	715	-0.001	-0.10
184	RL-87	715	720	0.001	-0.10
185	RL-87	720	725	-0.001	-0.10
186	RL-87	725	730	-0.001	0.55
187	RL-87	730	735	-0.001	-0.10
188	RL-87	735	740	-0.001	-0.10
189	RL-87	740	745	-0.001	-0.10
190	RL-87	745	750	-0.001	0.12
191	RL-87	750	755	-0.001	-0.10
192	RL-87	755	760	-0.001	-0.10
193	RL-87	760	765	-0.001	-0.10
194	RL-87	765	770	-0.001	-0.10
195	RL-87	770	775	-0.001	-0.10
196	RL-87	775	780	-0.001	-0.10
197	RL-87	780	785	-0.001	-0.10
198	RL-87	785	790	-0.001	-0.10
199	RL-87	790	795	-0.001	-0.10
200	RL-87	795	800	-0.001	-0.10
201	RL-87	800	805	-0.001	-0.10
202	RL-87	805	810	-0.001	-0.10
203	RL-87	810	815	-0.001	-0.10
204	RL-87	815	820	-0.001	-0.10
205	RL-87	820	825	-0.001	-0.10
206	RL-87	825	830	-0.001	-0.10
207	RL-87	830	835	-0.001	-0.10
208	RL-87	835	840	-0.001	-0.10
209	RL-87	840	845	-0.001	-0.10
210	RL-88	0	5	0.001	-0.10

	SAMPLE I.D.			Au g/t	Ag g/t
211	RL-88	5	10	0.001	-0.10
212	RL-88	10	15	0.001	-0.10
213	RL-88	15	20	-0.001	-0.10
214	RL-88	20	25	-0.001	-0.10
215	RL-88	25	30	-0.001	-0.10
216	RL-88	30	35	-0.001	-0.10
217	RL-88	35	40	-0.001	-0.10
218	RL-88	40	45	-0.001	-0.10
219	RL-88	45	50	-0.001	-0.10
220	RL-88	50	55	-0.001	-0.10
221	RL-88	55	60	-0.001	-0.10
222	RL-88	60	65	-0.001	-0.10
223	RL-88	65	70	-0.001	-0.10
224	RL-88	70	75	-0.001	-0.10
225	RL-88	75	80	-0.001	-0.10
226	RL-88	80	85	0.002	-0.10
227	RL-88	85	90	0.013	0.10
228	RL-88	90	95	0.003	-0.10
229	RL-88	95	100	0.001	-0.10
230	RL-88	100	105	-0.001	-0.10
231	RL-88	105	110	0.002	-0.10
232	RL-88	110	115	0.005	-0.10
233	RL-88	115	120	0.003	-0.10
234	RL-88	120	125	-0.001	-0.10
235	RL-88	125	130	0.001	-0.10
236	RL-88	130	135	0.001	-0.10
237	RL-88	135	140	0.001	-0.10
238	RL-88	140	145	0.001	-0.10
239	RL-88	145	150	-0.001	-0.10
240	RL-88	150	155	-0.001	-0.10
241	RL-88	155	160	-0.001	-0.10
242	RL-88	160	165	-0.001	-0.10
243	RL-88	165	170	-0.001	-0.10
244	RL-88	170	175	-0.001	-0.10
245	RL-88	175	180	-0.001	-0.10
246	RL-88	180	185	-0.001	0.13
247	RL-88	185	190	-0.001	0.10
248	RL-88	190	195	0.002	0.19
249	RL-88	195	200	-0.001	0.25
250	RL-88	200	205	0.001	0.15
251	RL-88	205	210	0.003	0.24
252	RL-88	210	215	-0.001	0.12
253	RL-88	215	220	0.002	0.18
254	RL-88	220	225	0.002	0.21
255	RL-88	225	230	-0.001	0.16

	SAMPLE I.D.			Au o/t	Ag o/t
256	RL-88	230	235	-0.001	0.11
257	RL-88	235	240	-0.001	0.13
258	RL-88	240	245	-0.001	0.14
259	RL-88	245	250	-0.001	-0.10
260	RL-88	250	255	-0.001	0.18
261	RL-88	255	260	0.001	0.14
262	RL-88	260	265	-0.001	-0.10
263	RL-88	265	270	-0.001	-0.10
264	RL-88	270	275	-0.001	-0.10
265	RL-88	275	280	-0.001	-0.10
266	RL-88	280	285	-0.001	-0.10
267	RL-88	285	290	-0.001	-0.10
268	RL-88	290	295	-0.001	-0.10
269	RL-88	295	300	-0.001	-0.10
270	RL-88	300	305	0.002	-0.10
271	RL-88	305	310	-0.001	-0.10
272	RL-88	310	315	-0.001	-0.10
273	RL-88	315	320	-0.001	-0.10
274	RL-88	320	325	0.001	-0.10
275	RL-88	325	330	-0.001	-0.10
276	RL-88	330	335	0.003	-0.10
277	RL-88	335	340	0.001	-0.10
278	RL-88	340	345	-0.001	-0.10
279	RL-88	345	350	0.002	-0.10
280	RL-88	350	355	0.020	-0.10
281	RL-88	355	360	0.010	-0.10
282	RL-88	360	365	0.013	-0.10
283	RL-88	365	370	0.006	0.12
284	RL-88	370	375	0.007	-0.10
285	RL-88	375	380	0.007	-0.10
286	RL-88	380	385	0.004	0.12
287	RL-88	385	390	0.007	-0.10
288	RL-88	390	395	0.010	-0.10
289	RL-88	395	400	0.014	0.24
290	RL-88	400	405	0.052	-0.10

	SAMPLE I.D.			Au o/t	Ag o/t
291	RL-88	405	410	0.003	-0.10
292	RL-88	410	415	0.006	-0.10
293	RL-88	415	420	0.002	-0.10
294	RL-88	420	425	0.012	0.17
295	RL-88	425	430	0.002	0.10

==========

THIS REPORT REVIEWED AND APPROVED BY:

Richard A. Grondin

RICHARD GRONDIN, LABORATORY MANAGER

	SAMPLE I.D.			Au o/t	Ag o/t
31	RL-86	615	620	0.001	-0.10
32	RL-86	620	625	0.001	0.17
33	RL-86	625	630	0.001	-0.10
34	RL-86	630	635	0.001	0.19
35	RL-86	635	640	0.002	0.15
36	RL-86	640	645	0.006	-0.10
37	RL-86	645	650	-0.001	-0.10
38	RL-86	650	655	0.001	-0.10
39	RL-86	655	660	0.001	-0.10
40	RL-86	660	665	-0.001	-0.10
41	RL-87	0	5	-0.001	0.17
42	RL-87	5	10	0.001	-0.10
43	RL-87	10	15	0.002	0.14
44	RL-87	15	20	0.001	0.20
45	RL-87	20	25	0.001	0.12
46	RL-87	25	30	-0.001	-0.10
47	RL-87	30	35	-0.001	-0.10
48	RL-87	35	40	-0.001	-0.10
49	RL-87	40	45	-0.001	-0.10
50	RL-87	45	50	-0.001	0.20
51	RL-87	50	55	-0.001	0.15
52	RL-87	55	60	0.001	-0.10
53	RL-87	60	65	0.001	-0.10
54	RL-87	65	70	0.001	-0.10
55	RL-87	70	75	0.001	-0.10
56	RL-87	75	80	0.001	-0.10
57	RL-87	80	85	0.002	0.20
58	RL-87	85	90	0.001	-0.10
59	RL-87	90	95	0.001	-0.10
60	RL-87	95	100	0.001	-0.10
61	RL-87	100	105	0.001	0.15
62	RL-87	105	110	0.002	-0.10
63	RL-87	110	115	0.002	-0.10
64	RL-87	115	120	0.001	-0.10
65	RL-87	120	125	0.001	-0.10
66	RL-87	125	130	0.002	-0.10
67	RL-87	130	135	0.002	-0.10
68	RL-87	135	140	0.001	0.22
69	RL-87	140	145	0.002	-0.10
70	RL-87	145	150	0.001	-0.10
71	RL-87	150	155	0.001	0.12
72	RL-87	155	160	0.001	-0.10
73	RL-87	160	165	-0.001	-0.10
74	RL-87	165	170	-0.001	-0.10
75	RL-87	170	175	-0.001	-0.10

	SAMPLE I.D.			Au o/t	Ag o/t
76	RL-87	175	180	-0.001	-0.10
77	RL-87	180	185	-0.001	-0.10
78	RL-87	185	190	-0.001	-0.10
79	RL-87	190	195	-0.001	-0.10
80	RL-87	195	200	-0.001	-0.10
81	RL-87	200	205	-0.001	-0.10
82	RL-87	205	210	0.001	-0.10
83	RL-87	210	215	-0.001	-0.10
84	RL-87	215	220	-0.001	-0.10
85	RL-87	220	225	-0.001	-0.10
86	RL-87	225	230	-0.001	-0.10
87	RL-87	230	235	-0.001	-0.10
88	RL-87	235	240	-0.001	-0.10
89	RL-87	240	245	0.001	-0.10
90	RL-87	245	250	0.001	-0.10
91	RL-87	250	255	0.001	-0.10
92	RL-87	255	260	0.003	-0.10
93	RL-87	260	265	0.005	-0.10
94	RL-87	265	270	0.008	-0.10
95	RL-87	270	275	0.006	-0.10
96	RL-87	275	280	0.003	-0.10
97	RL-87	280	285	0.004	-0.10
98	RL-87	285	290	0.005	-0.10
99	RL-87	290	295	0.003	-0.10
100	RL-87	295	300	0.001	-0.10
101	RL-87	300	305	0.001	-0.10
102	RL-87	305	310	0.001	-0.10
103	RL-87	310	315	0.002	-0.10
104	RL-87	315	320	0.002	-0.10
105	RL-87	320	325	0.001	-0.10
106	RL-87	325	330	0.002	-0.10
107	RL-87	330	335	0.003	-0.10
108	RL-87	335	340	0.003	-0.10
109	RL-87	340	345	0.002	-0.10
110	RL-87	345	350	0.002	-0.10
111	RL-87	350	355	0.003	-0.10
112	RL-87	355	360	0.002	-0.10
113	RL-87	360	365	0.002	-0.10
114	RL-87	365	370	0.001	-0.10
115	RL-87	370	375	0.002	-0.10
116	RL-87	375	380	0.001	-0.10
117	RL-87	380	385	-0.001	-0.10
118	RL-87	385	390	-0.001	-0.10
119	RL-87	390	395	0.002	-0.10
120	RL-87	395	400	-0.001	-0.10

	SAMPLE I.D.			Au o/t	Ag o/t
121	RL-87	400	405	0.001	-0.10
122	RL-87	405	410	0.001	-0.10
123	RL-87	410	415	0.001	-0.10
124	RL-87	415	420	-0.001	-0.10
125	RL-87	420	425	-0.001	-0.10
126	RL-87	425	430	-0.001	-0.10
127	RL-87	430	435	0.002	-0.10
128	RL-87	435	440	0.002	-0.10
129	RL-87	440	445	0.001	-0.10
130	RL-87	445	450	0.001	-0.10
131	RL-87	450	455	0.001	-0.10
132	RL-87	455	460	0.002	-0.10
133	RL-87	460	465	0.002	-0.10
134	RL-87	465	470	0.002	-0.10
135	RL-87	470	475	0.004	-0.10
136	RL-87	475	480	0.002	-0.10
137	RL-87	480	485	0.003	-0.10
138	RL-87	485	490	0.003	-0.10
139	RL-87	490	495	0.005	-0.10
140	RL-87	495	500	0.004	-0.10
141	RL-87	500	505	0.006	-0.10
142	RL-87	505	510	0.006	-0.10
143	RL-87	510	515	0.005	-0.10
144	RL-87	515	520	0.008	-0.10
145	RL-87	520	525	0.004	-0.10
146	RL-87	525	530	0.004	-0.10
147	RL-87	530	535	0.002	-0.10
148	RL-87	535	540	0.003	-0.10
149	RL-87	540	545	0.007	-0.10
150	RL-87	545	550	0.004	-0.10
151	RL-87	550	555	0.001	-0.10
152	RL-87	555	560	0.001	-0.10
153	RL-87	560	565	0.001	-0.10
154	RL-87	565	570	0.001	-0.10
155	RL-87	570	575	-0.001	-0.10
156	RL-87	575	580	-0.001	-0.10
157	RL-87	580	585	-0.001	-0.10
158	RL-87	585	590	-0.001	-0.10
159	RL-87	590	595	-0.001	-0.10
160	RL-87	595	600	-0.001	-0.10
161	RL-87	600	605	-0.001	-0.10
162	RL-87	605	610	-0.001	-0.10
163	RL-87	610	615	-0.001	-0.10
164	RL-87	615	620	-0.001	-0.10
165	RL-87	620	625	-0.001	-0.10

	SAMPLE I.D.			Au o/t	Ag o/t
166	RL-87	625	630	-0.001	-0.10
167	RL-87	630	635	-0.001	-0.10
168	RL-87	635	640	-0.001	-0.10
169	RL-87	640	645	-0.001	-0.10
170	RL-87	645	650	-0.001	-0.10
171	RL-87	650	655	-0.001	-0.10
172	RL-87	655	660	-0.001	-0.10
173	RL-87	660	665	-0.001	-0.10
174	RL-87	665	670	-0.001	-0.10
175	RL-87	670	675	-0.001	-0.10
176	RL-87	675	680	-0.001	-0.10
177	RL-87	680	685	-0.001	-0.10
178	RL-87	685	690	-0.001	-0.10
179	RL-87	690	695	-0.001	-0.10
180	RL-87	695	700	-0.001	-0.10
181	RL-87	700	705	0.005	-0.10
182	RL-87	705	710	-0.001	-0.10
183	RL-87	710	715	-0.001	-0.10
184	RL-87	715	720	0.001	-0.10
185	RL-87	720	725	-0.001	-0.10
186	RL-87	725	730	-0.001	0.55
187	RL-87	730	735	-0.001	-0.10
188	RL-87	735	740	-0.001	-0.10
189	RL-87	740	745	-0.001	-0.10
190	RL-87	745	750	-0.001	0.12
191	RL-87	750	755	-0.001	-0.10
192	RL-87	755	760	-0.001	-0.10
193	RL-87	760	765	-0.001	-0.10
194	RL-87	765	770	-0.001	-0.10
195	RL-87	770	775	-0.001	-0.10
196	RL-87	775	780	-0.001	-0.10
197	RL-87	780	785	-0.001	-0.10
198	RL-87	785	790	-0.001	-0.10
199	RL-87	790	795	-0.001	-0.10
200	RL-87	795	800	-0.001	-0.10
201	RL-87	800	805	-0.001	-0.10
202	RL-87	805	810	-0.001	-0.10
203	RL-87	810	815	-0.001	-0.10
204	RL-87	815	820	-0.001	-0.10
205	RL-87	820	825	-0.001	-0.10
206	RL-87	825	830	-0.001	-0.10
207	RL-87	830	835	-0.001	-0.10
208	RL-87	835	840	-0.001	-0.10
209	RL-87	840	845	-0.001	-0.10
210	RL-88	0	5	0.001	-0.10