60001382

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-153
AUTHOR	P. Butterfield; K. Tullar; R Vance; C. Ballew
DATE OF DOC(S)	1990-1991; 1999
MULTI_DIST Y / (N?) Additional Dist_Nos:	
QUAD_NAME	Sulphur 7.5'
P_M_C_NAME (mine, claim & company names)	Rosebud Mine; Rosebud Project; Chance; Lac Minerals (USA) Inc; Eklund Drilling; Rosebud Mining Co, LLC; Newmont Exploration, Ltd Newmont Gold Co.
COMMODITY If not obvious	gold silver
NOTES	Drill log; geology; assay; total depth 600' handwritten notes; receipt; geochemistry 19p.

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	5/10/08
DB:	mah	
SCANNED:		

Revised: 1/22/08

RL-153 (Chance) relog

60001382 4010

60001382

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

DRILL LOG SUMMARY SHEET

PROJECT Rosebud / Change

HOLE NUMBER RL-153 TOTAL DEPTH 600' LOGGED BY DAM

H_2O INFO
INSECT 205-390'
390 → 465 = 50gpm

Date started 10·31·Am
Date completed 11·1·90 pm
Initial bearing —
Initial inclination -90°
Elevation
Collar coordinates:
N
E

Contractor: Eklund
Drill Type: MPD-1000
Hole Size: 4 3/4"
Drilling Conditions: Good To ~450'
Footage: Wet / Dry 205' WET
MAJOR H_2O STARTING AT 390' ? ~410-450'
Comments: 50gpm @ 465', Hammer plugging
TRUONE AT 465' @ ~20'/HR to 600' T.D.

Assays Posted:
KJT 8-27-91

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 RL-153

Page 1 of 6

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
	FGT	~ XX Ox							WHT + CUST				<1%	0– FINE GRAIN TUFF, – HIGHLY FRACTURED, LOCALLY OX'd & SILICIFIED ARGILLIZED –	.002	<.10	
05															.004		
10														0-25 SILICIFIED – MOD. BLEACHED FRAC'D AND OXIDIZED FGT	.002		
15															.002		
20															.002		
25														25-50 INCREASED CLAYS (UP TO ~70%)			
30									LT YELLOW						.001		
35									WHT + CUST						-.001		
0															.001		
45															.002		
50									LT DK GRY						.002		
55		OX							WHT + GRY					50-95 INCREASED OXIDATION FLAG DECREASE	.001		
60									DK TAN						.001		
65															-.001		
70																	
75																	
80																	
85																	
90																	
5									TAN + DK GRY					95-190 DK GREY GREEN FINE GRAIN WELDED TUFF			
00																	
														LOCALLY ONLY BLEACHED			

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DRILL HOLE RL-153

Page 2 of 6

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
									Dk Grn				<1%	-190 F.G.T.	-.001	-.10	
105									Grn								
110																	
115																	
120														THESE ROCKS SOURCE OF ROUNDED CLAST EPICLASTIC			
125														OVERLYING F.G.T. IN RL-116, RL-117??			
130		~							Lt Grn					BL↑			
135																	
0									Dk Grn								
145																	
150																	
155														160 FINE SULFIDES INCREASING			
160																	
165									Lt Grn				~1%	BL↑			
170																	
175															.001	.12	
180															-.001	-.10	
185																.21	
190															-.001	-.10	
5		XX							Lt Grn				1-3%	190-300 MOD-STR ARGILLIC ALTERATION STRONG ~~INCREASING~~ SILICIFICATION	.002	.16	
200														3-5% SULFIDES UP TO 5% "PINHEAD PYRITE" LOCALLY	.002	.29	

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DRILL HOLE RL-152

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
	FGT	~ XX							LT GRY WHT				3-5%	-300 ROCK HAS "SAND BLASTED" APPEARANCE & VERY FINE SILICA STKWK - MICRO-MICRO Bx'd OR SECONDARY FRAGMENTAL "BLEBULAR" TEXTURE	.001	-.10	
205															-.001		
210															-.001		
215															.001		
220															.004		
225															.003		
230															.002		
235															.001		
240															.001		
245															.003		
250															.002		
255															.001		
260													5%		.001		
265													5%		.002		
270													10%		.002		
275															.002		
280															.003		
285															.003		
290															.003		
295															.002		
300																	

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DRILL HOLE RL-153

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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	
	FGT?	~ XX							LT WHT GRY				1-3%	300- SLIGHT INCREASE IN SILICIFICATION IS TEXTURE ORIGINALLY A	.003	-.10		
305	?													LAPILLI TUFF? OR SECONDARY? HIGHER T° SILICIFICATION	.003	.16		
310														SUGGESTED BY "KAOLIN" TEXTURE???	.003	-.10		
315															.003			
	OR VC V																	
320															.002			
325															.003			
330	?														.002			
335															.002			
0															.002			
345															.001			
350	?														.001			
355															.002			
360	?														.003			
365														370 XX INCREASING, H_2O INCREASING	.003			
370															.003	.15		
375	?														.001	-.10		
380															.002			
385	?														.003	.13		
390															.002	-.10		
5															.001			
400																		

TOP NEELTING

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LOGGED BY PATTI

	LITH.	ALT.	% ARG. ALT. W	M	S	% SIL'N W	M	S	COLOR	% FeOx W	M	S	% SULF.	COMMENTS	Au	Ag	CHECK
	FGT?	~ XX XK							GREY				1-3%	400 - WASH TURNS RUSTY RE OX	.001	-.10	
405		~ XX Ox							GREY + BROWN					405-470 WEAKLY OXIDIZED FGT OR LAPILLI TUFF?	.001		
410															.003		
415															.001		
420															.006		
425															.015	.32	
430															.01	-.10	
435															.006		
0	?														.004		
445															.007		
450														H_2O=500gm	.017		
455															.047	.11	
460															.035	-.10	
465	?													TRICONE	.14		
470		~ XY XK												OX RE WASH TURNS GREY 1-3% CONTAMINATION	.10		
475									GREY					FROM OX'S, FRAC'D ZONE ABOVE	.036		
480														470-600' TEXTURE OF CHIPS CHANGES	.068	-.10	
485														HAVE LAMELLAR APPEARANCE SQUASHED PUMICE? WELDED	.037	.24	
490														FRAGS, LITHICS PRESENT? = FINE DIS.	.033	-.10	
5	?													SULFIDE? QTZ STRINK	.042	.12	
500																	

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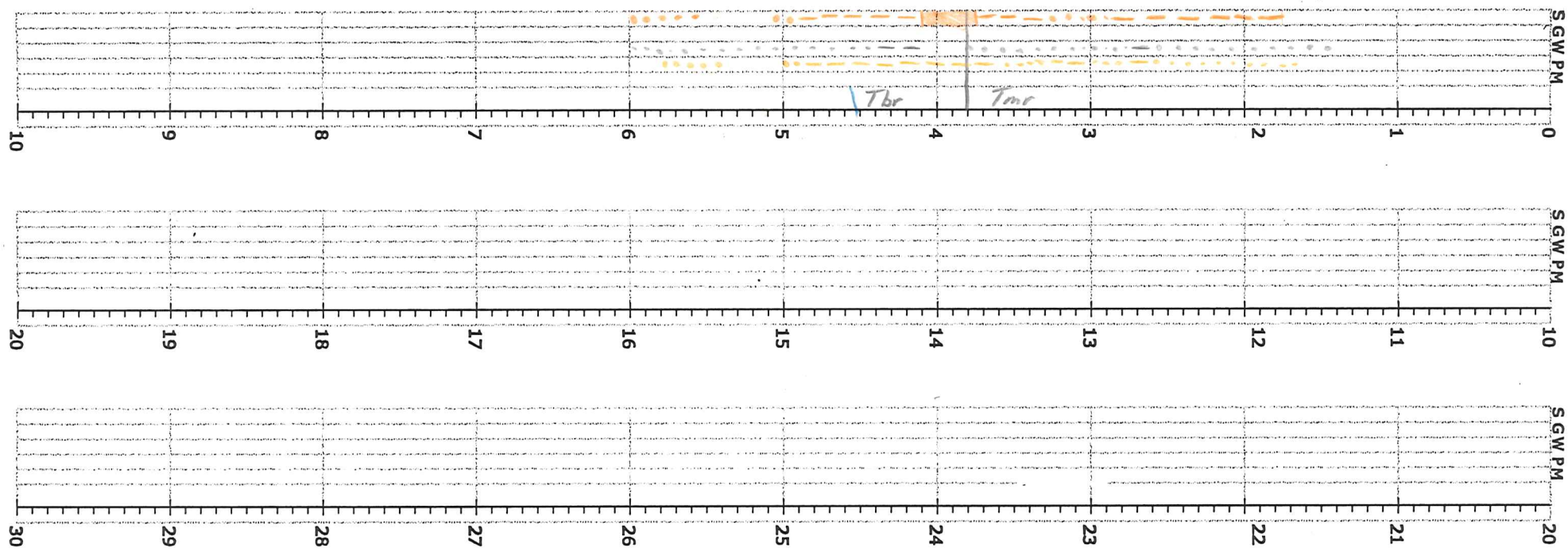
Page 6 of 6

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
	FGT.?	~ XX XK							LT GREY				1-3%	1-2% CONTAMINATION FROM OXD ZONE ABOVE - (W/ TWO TUBS MIXED)	.053	.12	
505															.011	-.10	
510															.016	.26	
515															.013	.16	
520															.032	.24	
525		~ XK							GREY					525-600' DECREASED ARGILLIC ALT.? SLIGHT INCREASE OF SULFIDES?	.009	.77	
530															.009	-.10	
535															.007		
+0															.032		
545															.008		
550															.006		
555															.007		
560															.018	.21	
565															.003	-.10	
570															.009	.18	
575															.005	.20	
580															.011	-.10	
585															.005		
590															.005		
5																	
600														600' = T.D. 11-1-90 50gpm H_2O	.001	.14	

ROSEBUD MINING COMPANY, LLC.

	COLLAR COORDINATES	START HOLE 10-31-90	FINISH HOLE 11-1-90	HOLE # RL-153
	NORTH	HOLE TYPE RC	LOGGED BY PJB (Relog).	
	EAST	BEARING Vert.	ANGLE Vert.	T.D 600'
	ELEV			
DRILLING CO. Eklund	DRILLER	PAGE 1 OF	SURVEYED TO N/A	



ALTERATION INTENSITY

1 WEAK — 2 MODERATE — 3 STRONG

VERITHIN COLOR

737	SILICIFICATION
751	GREEN CLAY
747½	WHITE CLAY
755	PYRITE
757	MARCASITE

GRAPHIC LOG

VERITHIN COLOR	
741	BRECCIA
	FAULT 741
	CONTACT
737	QUARTZ VEIN
741½	CALCITE VEIN
747½	CLAY VEIN
755	PYRITE VEIN

0'-600'

Newmont Gold Rotary Form

Hole# RL-153 **Az/Incl** _____ **Page** ____ of ____

Logged by PJB **Area** _____ **Total Depth** 600'

Date _____ **Coords** _____ **Contractor** _____

Footage	Litho: Formation	Litho: Rock type	Litho: Color	Au oz/st	Ag oz/st	Graphic	Structure: fault	Structure: breccia	Structure: vein	Structure: gouge	Comments	Alteration: Silic	Alteration: argillic	Alteration: clay	Alteration: prop	Alteration: Sericite	Alteration: Chlorite		Met.: FEOX	Met.: CO3	Met.: Sulfide	Mineralogy: Pyrite	Mineralogy: Marcasite	Mineralogy: Calc/Dolo	Mineralogy: Clay
	Tmr	Rhy	Buff								Buff colored massive, ~ fresh rhy w/ FeOx on fracts, mostly Limy, min. Hem.								2						
55																									
			olive Brown								Same but darker in color; still massive + Siliceous.								2						
95																									
100			olive								Same but still darker, finer grained.								1						
10			Dk. olive								Vitrophyric								1						
27			olives								Same, vitrophi. to vfg.								1						
45			red-grey + Buff								Banded or Lith unit w/in rhy. W. alto.			1					1						
65																									
200			Buff + Grey								SiO2 flooding + micro bx + veinlets, all w/ assoc. py. Sparse white clay														
		Rhy									Host is bleached.	2		1					1			1			
											Sparse, Dk. sooty py														
60																									
85			Grey								more SiO2 flooding, xtlln py vnlts	2		2								2			
300			Buff + Grey								Less flooding + py	1		1								1			
			Lt. Gray								more clay + py	1		1								2			
25			Buff + Grey								Clear - Lt. grey SiO2 flood, micr. Bx. clays present are well developed though sparse	2		1								1			
60																									
80			Grey								S. silica flooding + micro bx. not lots of py. v. dk. SiO2 @ 405-410	3										2			
400	Banding																								
10		Rhy									Less SiO2	2		2								2			
55	Tbr		Buff + Grey								Minor white clay vnlts.	2		1					1			2			
65							1				Big chips.														
85											470-475 - dark, pyritic vnlts.	2		1								2			
500		05	ochre								qtz/py vnlts. W. alto rk. Sort of shear textured, v. wk altn in couple places, Nearly fresh rk.	1		1					1			1			
		Rhy	Rose								Fnegrnd, flow banded, nonporph.			1					1						
		40																							
		55	ochre								py flooding on siliceous bands			1					1			1			
		75									veinlets @ 560-565	1		1								1			
			Grey								Sparse qtz veinlets, v. wk. altn.	1		1											
600																									

Tmr = massive rhyolite

Tbr = banded rhyolite

American Assay Laboratories

INVOICE

Remit To: P.O. Box11530
Reno, Nevada 89510
Phone NO.: 702-356-0606
Fax No.: 702-356-1413

AMERICAN ASSAY LABORATORIES
1500 GLENDALE AVE.
SPARKS, NV 89431-5902

(702) 356-0606

INVOICE NO: SP 0053605-IN
INVOICE DATE: 06/17/99

INVOICE TO:
NEWMONT EXPLORATION LTD.
861 W. 6TH STREET
WINNEMUCCA NV 89445

NEWMONT EXPLORATION LTD.
861 W. 6TH STREET
WINNEMUCCA NV 89445

CUSTOMER P.O.	PROJECT	TERMS
RL-153	ROSEBUD EXPLOR.	NET 30 - DUE IN U.S. DOLLARS

QUANTITY	DESCRIPTION	PRICE	AMOUNT
92	SAMPLES RECEIVED	.00	.00
92	COMPOSITE CHARGE	1.00	92.00
23	MULTI-ELEMENT ICP PACKAGE	9.80	225.40
23	Se ANALYSES	7.15	164.45

COPY

INVOICE	481.85
LESS DISCOUNT	168.65
FREIGHT	.00
INVOICE TOTAL	313.20

SP

SUBMITTAL FORM

American Assay Laboratories

Geochemical • Environmental • Metallurgical

Sparks Office
1500 Glendale Ave.
Nevada 89431
Box 11530
Reno, NV 89510
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Elko Office
2320 Last Chance Rd.
Nevada 89801
Box 2908
Elko, NV 89801
Telephone
(702) 738-9100
Fax
(702) 738-2594

Mazatlan Office
Telephone/Fax
011-52-69-170035

Other Offices
Lima, Peru
Santiago, Chile
Mendoza, Argentina

Company: Newmont Gold Co

Address:

City Winnemucca State Zip

Telephone Number: (775) 625-5613 (F. Vance) Fax Number: ( )

Project Name: Rosebud Exploration Purchase Order Number:

Date Submitted: 5/27/99 Number of Samples: 63

RESULTS REPORTED IN: ppm [ ] ppb [ ] opt [ ]

	SAMPLE IDENTIFICATION	TYPE	ELEMENTS REQUIRED
15	RL-153: 0-300', composited every 20':	Pulps	ICP AAL 1/2 + Se
	0-20, 20-40, 40-60, etc., 280-300'		
8	except 435-600', composited every 20':		ICP AAL 1/2 + Se
	435-460', 460-480, etc., 580-600'.		
40	RL-113: 0-800', composited every 20'	Pulps	ICP AAL 1/2 + Se
	0-20, 20-40, 40-60, etc., 780-800'		

COARSE REJECTS (Normally Discarded After 60 Days)

[ ] Return COD after analysis complete

PULPS (Normally Stored Free For One Month)

[ ] Discard after one month

[X] Return COD after one month

RESULTS AND INVOICES TO BE SENT TO:

Invoice to:

Charlotte Ballew

Results to:

Randy Vance

Comments:

CLIENT FILE COPY

AMERICAN ASSAY LABORATORIES

AAL 01-2 ICP PACKAGE DETECTION LIMITS

ELEMENT	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Th	Ti	U	V	W	Zn
SAMPLES	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppb	%	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	0.3	0.01	2	3	1	3	0.01	0.2	1	1	1	0.01	10	0.01	1	0.01	2	1	0.01	1	0.001	3	3	0.1	1	2	0.01	8	1	2	1

0.500 GRAMS OF PULP IS DIGESTED WITH HYDROCHLORIC AND NITRIC ACID AT 95 DEGREE CENTIGRADE FOR ONE HOUR.
DIGEST IS PARTIAL FOR B, Ba, Ca, Cr, Fe, La, Mg, Mn, Sr, Ti AND W.
DIGEST IS LIMITED FOR Al, K AND Na.

CLIENT:	*NEWMONT GOLD COMPANY*
CLIENT REF:	ROSEBUD EXPLORATION
AAL REF:	SP053605
METHOD:	AAL 01-2 + Se

AMERICAN ASSAY LABORATORIES
1500 GLENDALE AVE.
SPARKS, NV 89431
PHONE: (775) 356-0606
FAX: (775) 356-1413

ELEMENT SAMPLES	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Se ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
RL-153 000-020	< .3	0.86	13	11	127	< 3	0.69	< .2	1	11	9	1.87	2124	0.13	26	0.06	76	3	0.07	1	0.03	21	12	7.4	140	10	< .01	< 8	11	< 2	17
RL-153 020-040	< .3	1.11	4	6	246	< 3	0.2	< .2	1	5	8	0.92	1398	0.2	27	0.03	40	1	0.04	1	0.03	52	4	1.5	144	13	< .01	< 8	3	< 2	31
RL-153 040-060	< .3	1.08	3	6	341	< 3	0.23	0.7	1	4	6	1.4	937	0.22	26	0.06	266	2	0.04	1	0.026	27	< 3	1.3	86	12	< .01	< 8	1	< 2	57
RL-153 060-080	< .3	1.03	< 2	4	281	< 3	0.25	0.6	3	4	10	2.22	289	0.24	25	0.09	1403	3	0.04	1	0.027	29	< 3	0.4	36	12	< .01	< 8	< 1	< 2	162
RL-153 080-100	< .3	1.25	< 2	3	161	< 3	0.29	0.2	3	3	8	2.24	340	0.27	25	0.15	1778	2	0.05	< 1	0.028	80	< 3	0.2	38	12	< .01	< 8	1	< 2	150
RL-153 100-120	< .3	1.15	< 2	4	166	< 3	0.34	0.5	3	9	12	3.53	177	0.26	25	0.18	4160	3	0.05	1	0.027	79	< 3	< .1	28	11	0.01	< 8	1	< 2	199
RL-153 120-140	< .3	1.11	< 2	4	99	< 3	0.3	0.3	3	7	12	2.95	171	0.25	26	0.18	2856	2	0.06	1	0.029	99	< 3	< .1	28	10	0.01	8	< 1	< 2	149
RL-153 140-160	< .3	0.75	< 2	4	181	< 3	0.34	0.2	3	8	8	2.56	129	0.24	19	0.16	1706	3	0.05	1	0.029	33	< 3	< .1	32	8	0.01	< 8	1	< 2	94
RL-153 160-180	< .3	0.84	2	3	161	< 3	0.38	0.2	2	8	12	2.65	246	0.23	18	0.16	1560	3	0.03	1	0.029	59	< 3	< .1	34	8	< .01	< 8	< 1	< 2	111
RL-153 180-200	< .3	0.86	4	4	88	< 3	0.25	< .2	2	9	12	2.93	1189	0.16	17	0.06	1590	3	0.02	1	0.033	67	3	0.4	21	7	< .01	< 8	1	< 2	91
RL-153 200-220	< .3	0.75	2	3	90	< 3	0.21	0.3	1	9	9	2.29	1259	0.23	21	0.04	1526	2	0.03	1	0.021	115	3	0.4	22	8	< .01	< 8	1	< 2	101
RL-153 220-240	< .3	0.83	3	4	105	< 3	0.11	< .2	1	26	10	1.45	2389	0.14	19	0.02	430	3	0.02	1	0.004	87	10	1.8	15	10	< .01	< 8	1	< 2	108
RL-153 240-260	< .3	0.78	2	4	154	< 3	0.1	< .2	1	26	12	1.23	2050	0.12	17	0.02	683	3	0.02	1	0.003	88	9	1.6	12	8	< .01	< 8	1	< 2	138
RL-153 260-280	< .3	0.76	5	4	111	< 3	0.06	< .2	1	21	9	1.63	3949	0.1	18	0.01	742	4	0.02	2	0.002	109	10	1.5	8	8	< .01	< 8	< 1	< 2	154
RL-153 280-300	< .3	0.75	4	3	107	< 3	0.05	< .2	2	32	6	1.35	3952	0.07	17	0.01	110	4	0.02	1	0.003	48	7	1.3	9	8	< .01	< 8	1	< 2	203
RL-153 435-460	< .3	0.67	20	3	180	< 3	0.08	0.2	2	33	5	2.33	7410	0.05	11	0.01	328	6	0.01	2	0.02	28	29	18.9	18	6	< .01	< 8	1	3	95
RL-153 460-480	0.6	0.66	92	5	75	< 3	0.07	0.5	4	77	9	1.87	36159	0.09	13	0.01	470	9	0.01	6	0.011	131	71	76.2	14	6	< .01	< 8	2	< 2	106
RL-153 480-500	< .3	0.79	65	4	64	< 3	0.15	0.5	4	55	10	1.68	22773	0.24	22	0.07	744	6	0.04	10	0.017	91	48	53.6	12	8	< .01	< 8	7	< 2	101
RL-153 500-520	< .3	0.71	37	4	66	< 3	0.23	0.4	2	42	7	1.49	12491	0.24	23	0.06	987	6	0.04	4	0.007	46	28	22.9	15	9	< .01	< 8	3	< 2	100
RL-153 520-540	< .3	0.67	19	5	125	< 3	0.76	0.3	2	37	9	1.27	7899	0.3	22	0.06	799	5	0.04	3	0.006	37	16	14	35	10	< .01	< 8	2	< 2	86
RL-153 540-560	< .3	0.61	18	4	35	< 3	0.74	0.2	1	39	8	1.19	7196	0.3	22	0.05	707	7	0.03	3	0.004	41	12	13.1	47	10	< .01	< 8	1	< 2	83
RL-153 560-580	< .3	0.61	14	4	101	< 3	0.51	0.3	1	34	9	1.25	4865	0.3	24	0.05	881	6	0.04	3	0.004	38	9	8.2	29	11	< .01	< 8	1	< 2	89
RL-153 580-600	< .3	0.57	11	5	58	< 3	0.83	0.3	1	31	9	1.14	3263	0.3	26	0.05	718	5	0.07	2	0.003	31	8	6	42	12	< .01	< 8	1	< 2	78
STANDARD C3/DS2	5.8	1.78	59	22	141	20	0.56	23.5	12	168	64	3.36	236	0.17	19	0.61	799	26	0.04	37	0.086	35	20	2.4	29	20	0.1	24	82	20	167
STANDARD G-2	< .3	1.22	< 2	5	256	< 3	0.7	< .2	5	83	2	2.03	< 5	0.64	8	0.61	556	1	0.21	7	0.095	< 3	< 3	< .1	100	4	0.15	< 8	42	< 2	42

BARRINGER LABORATORIES INC.

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BUILDING E, SUITE 178
RENO, NEVADA 89511
PHONE: (775) 828-1158

11-Oct-99

CHARLOTTE BALLEW
NEWMONT GOLD CO.
861 W. 6TH STREET
WINNEMUCCA NV 89445

Attn: Randy Vance
Project: RL-113

Received: 26-Aug-99 09:37
PO #:

Job: 993351R

Status: Final

Pulp

Sample Id	Ag ICP ppm	Al ICP %	As ICP ppm	B ICP ppm	Ba ICP ppm	Bi ICP ppm	Ca ICP %	Cd ICP ppm	Co ICP ppm	Cr ICP ppm	Cu ICP ppm
RL-113 160-180	<0.1	1.83	<2	37	83	5	0.05	0.8	<1	11	5
RL-113 440-460	<0.1	1.87	15	55	23	4	0.02	1.8	<1	32	4
RL-113 500-520	<0.1	1.95	55	66	246	4	0.04	2.7	<1	21	5
RL-113 520-540	0.3	1.78	32	20	67	1	0.02	0.7	<1	32	5
RL-113 540-560	0.4	1.79	91	26	24	2	0.04	1.0	1	34	17
RL-113 660-680	0.3	1.68	25	17	42	<1	0.82	0.5	<1	45	6
RL-113 740-760	0.1	1.67	14	18	23	1	0.72	0.5	<1	29	7
RL-153 0-20	<0.1	1.80	12	27	79	1	0.47	0.6	<1	7	9
RL-153 435-460	<0.1	1.66	22	29	170	5	0.05	0.9	<1	22	6
RL-153 460-480	0.4	1.69	65	25	50	4	0.04	0.9	1	50	8
RL-153 480-500	0.2	1.82	44	23	41	1	0.11	1.0	2	34	9
RL-153 500-520	0.2	1.73	56	22	43	<1	0.16	0.7	<1	29	25
RL-153 520-540	0.2	1.72	18	18	82	2	0.54	0.5	<1	23	8
RL-153 580-600	0.2	1.67	13	17	38	<1	0.57	0.5	<1	22	10
RL-153 800-820	<0.1	2.33	582	36	825	5	1.30	1.7	12	103	144

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Sample Id	Fe ICP %	Hg HYG ppb	K ICP %	La ICP ppm	Mg ICP %	Mn ICP ppm	Mo ICP ppm	Na ICP %	Ni ICP ppm	P ICP ppm	Pb ICP ppm
RL-113 160-180	2.95	415	0.13	5	0.02	11	3	<0.01	1	115	23
RL-113 440-460	5.17	3908	0.03	5	<0.01	158	12	<0.01	2	315	48
RL-113 500-520	6.13	22594	0.05	5	0.01	553	12	<0.01	2	421	54
RL-113 520-540	1.53	10320	0.06	5	<0.01	312	7	<0.01	3	70	26
RL-113 540-560	2.06	33891	0.13	9	0.01	147	6	<0.01	6	73	77
RL-113 660-680	1.26	4885	0.27	10	0.03	333	6	<0.01	4	20	27
RL-113 740-760	1.42	3969	0.30	14	0.03	359	6	<0.01	4	16	26
RL-153 0-20	2.11	1985	0.19	14	0.04	17	1	0.04	1	142	23
RL-153 435-460	2.51	5160	0.06	6	0.01	164	5	<0.01	1	106	29
RL-153 460-480	2.04	25952	0.11	7	0.01	246	7	<0.01	4	64	93
RL-153 480-500	1.90	20609	0.26	12	0.04	403	5	<0.01	8	92	73
RL-153 500-520	1.65	9709	0.27	12	0.04	530	6	<0.01	3	31	42
RL-153 520-540	1.40	5221	0.32	12	0.04	433	4	<0.01	3	24	40
RL-153 580-600	1.27	2656	0.33	14	0.03	404	4	<0.01	2	11	32
RL-153 800-820	3.15	946	0.30	4	0.04	11	13	<0.01	72	4516	339

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Pulp

Sample Id	Sb ICP ppm	Se ICP ppm	Sr ICP ppm	Ti ICP %	Tl ICP ppm	V ICP ppm	W ICP ppm	Zn ICP ppm
RL-113 160-180	12	<2	16	<0.01	<0.5	<2	<1	41
RL-113 440-460	54	<2	5	<0.01	<0.5	<2	<1	139
RL-113 500-520	61	74	14	<0.01	<0.5	<2	<1	170
RL-113 520-540	16	10	8	<0.01	<0.5	<2	<1	64
RL-113 540-560	75	54	5	<0.01	<0.5	2	<1	109
RL-113 660-680	12	5	42	<0.01	<0.5	<2	<1	107
RL-113 740-760	11	5	55	<0.01	<0.5	<2	<1	77
RL-153 0-20	8	2	81	<0.01	<0.5	8	<1	17
RL-153 435-460	19	5	11	<0.01	<0.5	<2	<1	86
RL-153 460-480	44	41	7	<0.01	<0.5	<2	<1	99
RL-153 480-500	29	26	7	<0.01	<0.5	5	<1	96
RL-153 500-520	17	10	9	<0.01	<0.5	2	<1	107
RL-153 520-540	10	3	24	<0.01	<0.5	2	<1	83
RL-153 580-600	5	<2	29	<0.01	<0.5	<2	<1	76
RL-153 800-820	561	<2	305	0.01	<0.5	472	<1	181

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Abbreviations:

Parameters:

Ag	: Silver
Al	: Aluminum
As	: Arsenic
B	: Boron
Ba	: Barium
Bi	: Bismuth
Ca	: Calcium
Cd	: Cadmium
Co	: Cobalt
Cr	: Chromium
Cu	: Copper
Fe	: Iron
Hg	: Mercury
K	: Potassium
La	: Lanthanum
Mg	: Magnesium
Mn	: Manganese
Mo	: Molybdenum
Na	: Sodium
Ni	: Nickel
P	: Phosporus
Pb	: Lead
Sb	: Antimony

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Se	: Selenium
Sr	: Strontium
Ti	: Titanium
Tl	: Thallium
V	: Vanadium
W	: Tungsten
Zn	: Zinc

Methods:

ICP	: Inductively Coupled Plasma
HYG	: Hydride Generation

Units:

ppm	: Parts per million
%	: percent
ppb	: Parts per billion

Quality codes:

<	: Less than

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The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him and based on an evaluation of all engineering data which is available concerning any proposed project.

Job approved by:

Signed: Richard A. Grondin
Rich Grondin

cc: RANDY VANCE, NEWMONT MINING CORP.