60001333

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-101
AUTHOR	N. Brewer; R. Grondin
DATE OF DOC(S)	1990
MULTI_DIST Y / (N?) Additional Dist_Nos:	
QUAD_NAME	Sulphur 7.5'
P_M_C_NAME (mine, claim & company names)	Rosebud Mine; Rosebud Project; Coates Drilling Lac Minerals (USA) Inc
COMMODITY If not obvious	gold silver
NOTES	Drill log; geology; assay; total depth 1124'; handwritten notes 33p.

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 3/19/08
Initials Date

DB: Mah
Initials Date

SCANNED:
Initials Date

Revised: 1/22/08

DRILL LOGS RL-101
Rosebud

60001333 4010

60001333

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

DRILL LOG SUMMARY SHEET

PROJECT Rosebud

HOLE NUMBER RL-101 TOTAL DEPTH 1123.5 LOGGED BY CMW

Date started 8-4-90

Date completed 8-10-90

Initial bearing S55E

Initial inclination -60°

Elevation 5273

Collar coordinates:

N 2204719

E 481996.5

Contractor: Coates

Drill Type: Longyear 44

Hole Size: Tricone to 44', HQ to TD

Drilling Conditions:

Footage: Wet / Dry

Comments: Collared in Lithic Ispilli Tuff → vlc bx bedrock - drilled to more solid; No sample 0-44'.

DOWN HOLE SURVEY INFORMATION

FROM	TO	SURVEY POINT	INCLINATION	BEARING	X (Northing)	Y (Easting)	Z (Elevation)
0	78		-59	S54E			
78	232	157'	-61°	S61E			
232	407	307'	-61°	S62E			
407	607	507'	-62°	S66E			
607	807	707'	-62°	S67E			
807	1015	907'	-62°	S66E			
1015	1123.5	1123.5	-62°	S69E			

HOLE # RL-101 LOGGED BY C.M. Walck DATE 10-90 PAGE 1 OF 16

DEPTH (ft)	RECOVERY	Structure: Bd. Fol.	Structure: Faults	MINERAL-IZATION	GRAPHIC LOG	ALTER.	DESCRIPTION	ASSAYS: Sample No.	% Cu	% Pb	% Zn	oz/t Au	oz/t Ag
45	53	None	Some Thin Vnlts	Some FeOx stain		M-Str bleached	0-44 No Recovery 44-203 Lithic Lapilli tuff / tuff bxa: 2 clast chocolate (c2c) Unsorted, barely clast supported. Clasts < 3mm to > 6cm, subangular. 2 general types of clasts: 1) pale grey or pink f.gr. Ø - tiny dark phenos 'Chocolate-like' clasts and 2) Generally blue-green, sometimes banded, sometimes w/ tiny dk green phenos. Softer than type 1 clasts. Possibly pumice? Matrix is dull grey-pink. Overall the core is bleached & contains rare py veinlets (1 in 2 to 5 ft) Local more argillized or broken up zones.						
50	98												
60	85												
70	99						44-90; More bleached (→mod-str) & broken up, FeOx stain on thin veinlets, 55-57 is bx'd						
80	100						90-167; Modr bleached, minor py stringers & vnlts 167-189: Mod. bleached, w/ some large clasts (6")						
90	100		Minor vnlts	Minor Py		Mod Bleached	189-203: Mod. bleached, more broken up. Little more py veining: 2/ft, 1/8"-1/4" wide						
100	99												
110	100												

HOLE # RL-101 LOGGED BY CMW DATE 10-90 PAGE 2 OF 16

DEPTH (ft)	RECOVERY	Structure: Bd. Fol.	Structure: Faults	MINERAL-IZATION	GRAPHIC LOG	ALTER.	DESCRIPTION	ASSAYS: Sample No.	% Cu	% Pb	% Zn	oz/t Au	oz/t Ag
120	100	None	Minor vnlts	Minor Py		Mod Bleached	44-203 cont: C2C						
130	100												
140	100												
150	100												
160	100												
170	97												
180	100												

HOLE # RL-101 LOGGED BY _____ DATE _____ PAGE 3 OF 16

DEPTH (ft)	RECOVERY	Structure: Bd. Fol.	Structure: Faults	MINERAL-IZATION	GRAPHIC LOG	ALTER.	DESCRIPTION	ASSAYS: Sample No.	% Cu	% Pb	% Zn	oz/t Au	oz/t Ag
190	100	None	Weak Vnlts	Weak Py		Mod Bleached							
200	95	None	Minor Vnlts	Minor Py			203-227 Lithic Lapilli tuff / C2C. Less large fragments than above. Sub ang clasts 2mm - 2cm, 2 types as above. Matrix grey-brown to grey-green. Minor Py / Mc veinlets (2 / ft, 1/16" - 1/4" wide)						
210	99												
220	89												
230	96	Clasts aligned at ~60° to c.a	None	None		WK Bleached?	227-269 light green lithic lapilli-tuff; Overall lt to med. grey-green color, clasts slightly lighter than matrix. Barely matrix supported. Clasts gen 2mm - 1½ cm. ¿faint rough bedding? - Clasts seem to have long axis aligned at 55°-65° to c.a. (BUD??)						
240	100												
250	94												

HOLE # RL-101 LOGGED BY _____ DATE _____ PAGE 4 OF 16

DEPTH (ft)	RECOVERY	Structure: Bd. Fol.	Structure: Faults	MINERAL-IZATION	GRAPHIC LOG	ALTER.	DESCRIPTION	ASSAYS: Sample No.	% Cu	% Pb	% Zn	oz/t Au	oz/t Ag
260	100	Clasts at ~60° to c.a.	None	None		WK Bleached?							
270	99	None	Rare Valts	Rare Py		Mod Bleached	269-327 Lithic lapilli tuff; pink-flesh & lt-med green. Clasts <2mm – >2cm green, lt grey-white & pale tan. Subang, outlines are not very distinct. Clasts comprise ~60-70%, overall barely matrix supported. Matrix is pale pink-grey or flesh, & locally lt green. Locally shows crude bedding but generally not. Almost looks like a cross between C2C & Bud. Rare to minor py veinlets (1/ft to 1 in 10', 1/8" wide) Prob overall mod bleached						
280	97												
290	100												
300	100												
310	97												
320	100												

HOLE # RL-101 LOGGED BY CMW DATE _____ PAGE 5 OF 16

DEPTH (ft)	RECOVERY	Structure: Bd. Fol.	Structure: Faults	MINERALIZATION	GRAPHIC LOG	ALTER.
330	97	None	Minor vnlts	Minor py		Mod Bleached
		Bedded at 45° to ca. 45°	Minor blebs	Minor to rare py		
340	99					
	100					
350		None	Minor vnlts	Minor py + dk green chlor?		Plag repl by py, kaol, ±chlor? + calc
	99					
360						
	98					
370						
	100					
380						
	100					
390						

DESCRIPTION

327-351 Bedded green lithic lapilli tuff (BUD), < 3 mm - ~3cm pale green & pale tan clasts aligned at ~ 45° to c.a. in med-dk grey-green f.gr. matrix. Matrix supported, clasts comprise 35-60%. Poor sorting, few liner grained 1" beds. Minor ○ 1/2" blebs f.gr. py, ± 1-2% dissem py

351-420.4 lt grey f.gr. porphyritic tuff (Tmb - Tuff marker Bed) Lt grey groundmass (fairly hard, scratched by metal but not by plastic ruler) w/ ~ 5% 3-5 mm ¿plag? phenos replaced by py, kaol, dk green ¿chlor? & calcite. Minor veining: py & dk green ¿chlor? Locally has healed bx'd (strong crackle bxa.) texture: 351-353, 381-385, 389-395, 398-420.4

ASSAYS

Sample No.	% Cu	% Pb	% Zn	oz/t Au	oz/t Ag

HOLE # RL-101 LOGGED BY CMW DATE 10-90 PAGE 6 OF 16

DEPTH (ft)	RECOVERY	Structure: Bd. Fol.	Structure: Faults	MINERAL-IZATION	GRAPHIC LOG	ALTER.
400	98	None	Minor vnlts	Py + DK green? vnlts		Plag repl by py kaol, dk green chlor? +calc
410	100					
420	100	Wisps at 23° to c.a.	None	Minor Dissem py		Mod arg ?
430	95	23°				
440	100					
450	100					
460	100					

DESCRIPTION

420.4 : contact at ~ 35° to c.a.

420.4-464 Blue-green clayey matrix supported lithic lapilli tuff (Lower Bud Lkt) Soft, crumbly clayey matrix - med. blue-green color, locally w/ long wisps (hard to tell if wispy throughout because so crumbly clay)

Clasts comprise 20-40% & are lt green to tan

Subang to ang., <2mm to 2cm.

No veining. 1-2% dissem py

Wisps at ~23° to c.a.

ASSAYS

Sample No.	% Cu	% Pb	% Zn	oz/t Au	oz/t Ag
411-416				.003	<
416-420.4				.009	<
420.4-426				.001	<

DEPTH (ft)	RECOVERY	Structure: Bd. Fol.	Structure: Faults	MINERALIZATION	GRAPHIC LOG	ALTER.
470	100	Wisps 23° to c.a.	None	Minor Disstm Py		mod Arg?
		None	Crackle Bx'd & wk veining	Veins calc & green kool?		
480	100	Wisps at 25° to c.a.	None	Rare calc veins		
		25				
490	100					
500	99					
510	100	Wisps at 30° to c.a.				
		30°				
520	?					
530	?					

DESCRIPTION

464 - 473 lt grey & tan crackle bx'd f.gr. porphyritic tuff. (similar to chocolate - like a bed of choc tuff w/in Bud) f.gr. groundmass w/ ~ 2-3% 1-4mm white plag? phenos & tiny dk phenos

Strongly crackle bx'd. Weak to weak-mod veining (1/16" - 1/4" wide, 6/ft) calcite & med green 'duckbutter' kool?. FeOx on thin fractures

473 - 507.5 Dark purple-brown/red-brown 'wispy' to foliated lithic lapilli tuff. (variation of Wispy BUD)

Clasts comprise 25 - 65% : dk grey to dk red brown, 2mm - >2cm

Matrix supported - dk red-brown, clayey, w/ long wisps giving it a foliated appearance. Wisps at 25° to c.a.

(This correlates w/ hole 100)

507.5 - 570 Pale green to med grey-green to pale pink bedded, locally wispy lithic lapilli tuff (BUD). Matrix supported

Contains 20 - 60% lithic clasts 2mm - 4 cm, generally med red-brown, lt green, dark-grey or lt grey color.

Rare calc veining. Matrix f.gr., clayey.

507.5 - 512 : flesh colored matrix

512 ~ 529 : matrix dull grey green, wispy - 30-35° to c.a.

ASSAYS	Sample No.	% Cu	% Pb	% Zn	oz/t Au	oz/t Ag

DEPTH (ft)	RECOVERY	Structure: Bd. Fol.	Structure: Faults	MINERALIZATION	GRAPHIC LOG	ALTER.
540	90	30-35° to ca. 33°	None	Rare Calc vnlts		
550	100					
560	100					
570	100	None	W-M vnlts, spider-web fracts	Py + qtz + dk green chlor? + minor calc + Dr Qtz		WK Bleached
580	97					
590	100		W-M vnlts			
600	100					

DESCRIPTION

507-570 cont:

529-537: Pale green 'blob-y' shaped lapilli (4mm to 4cm, aligned at 30-35° to ca.) (30-40%) in pink-tan-grey f.gr. wispy matrix (similar text to dk green w/ white blob-y frags seen in other holes)

537-542: Same text but matrix dk red-brown

542 ~ 547: Same text but matrix med grey-green,

547-565: Tan clasts 3mm-2cm in med green wispy matrix, clasts comprise 20-40%

565-570: As above but matrix bleached to lt grey-green

570-1008 LBT (↓ TNB?) f.gr. porphyritic tuff, lt to med grey-green color, locally mottled, locally Red-brown. w/ ~3% tiny dk phenos. Think protolith is all RBUR. Generally weak to w-mod veining: qtz + py, dk green ± chlor; calc. Locally bleached to pale grey.

570-588: dull lt. grey-green f.gr. porphyritic tuff, ~3% tiny dk green phenos (<1/4mm). Thin 'spiderwebs' of very fine fractures w/ dk green ± chlor?

W-Mod py + qtz vnlts; 2-5/ft, 1/16" - 1/4" wide, rare drusy qtz, rare calc.

Sometimes see faint clastic texture

588-640:

Str. Mottled / fine wormy med tan-grey & lt grey f.gr. ϕ-tuff; tiny dk green phenos. W-m qtz + py vnlts (4/ft, 1/8 - 1/4" wide)

Minor dk green ± chlor?, minor calc vnlts, minor dr Qtz + Mc

ASSAYS

Sample No.	% Cu	% Pb	% Zn	oz/t Au	oz/t Ag
567-569.6				<	<
569.5-577				<	.10
577-582				.036	.27
582-587				<	.14
587-592				.017	<
592-597				.017	.19
-602				.006	.22

DEPTH (ft)	RECOVERY	Structure: Bd. Fol.	Structure: Faults	MINERAL-IZATION	GRAPHIC LOG	ALTER.
610	99	None	W-M vnlts	py+ Qtz + Minor dk green + calc + Dr Qt + Mc		WK Bleached
620	100					
630	98					
640	100		Mod fract'd	FeOx on fracts		fairly Fresh
			Minor vnlts	Calc + DK green chlor?		WK Bleached
650	100					
660	100		Abt vugs/ vnlts	Dr Qt + mc + calc		fairly fresh
670	97		Rare vnlts	Calcq py+Qt		

DESCRIPTION

570 - 1008 cont:

640 - 643; DK green RBUR grading into dk grey RBUR w/ dlk red FeOx selvage around sharp fractures

643 - 664; Mottled dull med grey-green & grey w/ tiny (<1/4mm) dk phenos. Minor calcite (2/ft, 1/8" - 1/4" wide) & dk green vnlts (1/ft, 1/16" wide)

664 - 667: Same as above but mod-abt (3/ft) vugs w/ drusy qtz + calc + Mc

667 - 684: Mottled med-dk blue green & grey-green w/ tiny dk phenos. Rare vnlts; calc, py ± qtz

684 to 699; Mottled pale grey-green & blue green w/ tiny dk phenos, More veining; w-m mostly py + qtz (4/ft, 1/8" - 1/4" wide) + some calcite & white kaol.

ASSAYS

Sample No.	% Cu	% Pb	% Zn	oz/t Au	oz/t Ag
-602					
602-607				<	<
607-612				<	<
612-617				.044	.29
617-622				.007	.12
622-627				.009	<
627-632				<	<
632-637				.005	<
637-642				.004	<
642-647				<	<
647-652				<	.20
652-657				<	.15
657-662				<	<
662-667				.012	.44
667-					

HOLE # RL-101 LOGGED BY CMW DATE _____ PAGE 10 OF 16

570 - 1008 cont:

699-715. Mottled med grey-green & grey (w/ tiny dk phenos). Rare, thin py + qtz vnlts.

715-732: Mottled grey-green w/ tiny dk phenos, crackle bx'd w/ dk red FeOx on fractures, local differential alt'n in from fractures giving weird texture

732-735: Bx'd zone; clasts of grey green ø tuff in grey-white silica matrix. Mod-abt drusy qtz vugs w/ Mc. Some blebs white kaol.

735-745: Mottled dull grey-green & grey. Rare py+qtz vnlts

Sample No.	% Cu	% Pb	% Zn	oz/t Au	oz/t Ag
672			Au ✓	<	<
672-677				<	<
677-682				<	<
682-687				<	<
687-692			.153	.125	<
692-697				.003	.20
697-702				<	<
702-707				<	<
707-712				<	<
712-717				<	<
717-722				<	<
722-727				<	<
727-732.6				.001	<
732.6-735.8			.174	.078	.46
735.8-742				<	<

HOLE # RL-101 LOGGED BY _____ DATE _____ PAGE 11 OF 16

DEPTH (ft)	RECOVERY	Structure: Bd. Fol.	Structure: Faults	MINERALIZATION	GRAPHIC LOG	ALTER.
		None	Rare vnlts	Q+py		Wk Bleached
	98		Crackle Bx'd	DK green ¿chlor?		Fairly fresh to wk bleached
750			None	None		Wk bleached
	98					
760			W-M vnlts	Q+ py± Kaol		Mod bleached
	97		Bx'd	Dr Q + Mc		
770			W-M vnlts	Q+py ± Kaol		
			Mod vnlts	Minor Dr Q+ Mc		
	97					
780			WK vnlts	py+ Q± Kaol		M-Str bleached
	101		W-M	+Dr Q		
790			WK vnlts	Py+ Q± Kaol		
			Wk crackle bx'n & v. wk vnlts	Minor py+ Q± Kaol		
	100					
800						Mod bleached
	100					
810						

DESCRIPTION

570 - 1008 cont:

745 ~ 755: Dark grey & dk green f. gr. dense crackled bx'd RBUR. Differential alt'n inward from fractures DK green on thin fracts.

755 - 763: Med dull green-grey ø tuff, tiny dk green phenos Weakly crackle bx'd No veining.

763 - 769: Str. crackle bx'd, bleached to very pale blue green mottled w/ & tan w-mod veining: qtz + py ± white kaol. (4/ft, 1/8"-1/4" wide)

769 - 771: Bx'd zone: Angular blue-green clasts of tuff in grey silica & drusy qtz + Mc matrix. Silica matrix has elongate appearance - contains needles or prisms of something? Also some of matrix is white - qtz + kaol?

771 - 773: Same as 763 - 769

773 - 780: Mottled blue-green & pink-grey. Mod. crackle bx'n. Mod veining: mostly qtz + py (4-6/ft, 1/8" - 1/4" wide), minor dk green ¿chlor?, minor white kaol, minor drusy qtz + Mc. 777.5 - 778.5 is more rubbly. Blue-green color has distinctive appearance

780 - 794: Mottled lt grey to lt green-grey + tan ± flesh, Crackle bx'd to matrix supported w/ angular clasts Generally weakly veined (1-2 ft, 1/8 - 1/4") py + qtz ± kaol., but 787 - 788 is more strongly veined & bx'd - py + qtz + kaol, & drusy qtz + Mc

ASSAYS

Sample No.	% Cu	% Pb	% Zn	oz/t Au	oz/t Ag
742-747				<	
747-752				<	
752-757				<	
757-762				<	<
762-767				.223	.46
767-772				.03	<
772-777				.021	.22
777-782				.007	.21
782-787				<	.13
787-792				.001	<
792-797				<	.11
797-802				.003	.15
802-807				.001	.15
807-813				.010	.11

DEPTH (ft)	RECOVERY	Structure: Bd. Fol.	Structure: Faults	MINERAL-IZATION	GRAPHIC LOG	ALTER.
820	97	None	Wk crackle bx'n v wk vnlts	Minor Py + Q ± Kaol		Mod bleached
			Crackle Bx'd	Py + Q, Q, Kaol, Dk green		
830	100		W-M vnlts, & fracts at 45° to c.a.	Dk. green c chlor? & minor Py+Q & calc		Wk Bleached
	98		Mod fract'd at ~ 25° & 50° to c.a.	Dk red FeOx selvage & minor calc vnlts		Fairly fresh/ v wk bleached
840						
850	101					Fresh
	101					
860						
870	102		Minor vnlts	Minor calc & green Kaol		
880	96					

DESCRIPTION

570 - 1008 cont:

794 - 819: Mottled lt-med grey green & tan; generally wk crackled bx'd - fine fractures w/ dk flush FeOx
V. wk veining: 1-2 / ft, 1/16 - 1/8" wide, Py + Qtz ± kaol
Few blobs 'buckshot py' 797-798 more strongly crackle bx'd
~ 3% dissem py.

819 - 831.5 Lt grey-green grading ↓ to dull med. grey-green w/ tiny dk green phenos. Mod-Str. Crackle Bx'd
W-M veined: 4-6 / ft, 1/16" - 1/4" wide, Py + Qtz ± Kaol; Qtz, Kaol; Dk green c chlor? on then fracts

831.5 - 845: Med dk - dk green RBUR, f.gr. dense, w/ mod fractures - preferred set at ~45° to c.a.
W-mod vnlts: dk green c chlor?, Minor Py + Qtz ± kaol, minor calc

845 - 875: 'Fresh' red-brown ugly rock (RBUR)
Dk. purple-grey to green-grey to mottled combo, f.gr. rock, w/ mod amnt fractures w/ dk red brown FeOx selvage, 1/8" to 1/4" outward on both sides. Preferred fracture directions: 25° & 50° to c.a. Weak calcite veining: 1-2 / ft, 1/4"-1/2" wide

875 - 887.8: 'Fresh' RBUR. Dk red-brown color. Dense, (Don't see FeOx selvage as above) W ~ 3-5% small (2-5 mm) irregular shaped milky white spots.
Minor calcite & green Kaol vnlts.

ASSAYS

Sample No.	% Cu	% Pb	% Zn	oz/t Au	oz/t Ag
-813					
813 - 819				.001	.11
819 - 825.3				.001	.13
825.3 - 831				.006	<
831 - 837				<	.10
837 - 842				.001	.11
842 - 847				<	<

DEPTH (ft) | RECOVERY | Structure: Bd. Fol. | Structure: Faults | MINERALIZATION | GRAPHIC LOG | ALTER.

Bd. Fol.: None

Faults: Minor vnlts; Wk Bx'n; + wk vnlts; wk vnlts; Bx'd; wk vnlts; rare vnlts; Mod vnlts; + rubble; rare vnlts; Crackle Bx'd & W-M vnlts

MINERALIZATION: Minor Calc & green Kaol; FeOx on fracts; + minor py+Q; minor py+Q± Kaol; Dr.Q +Mc; py+Q±Kaol; dk green (chlor?) & rare calc; py+qtz± dk green ±Kaol & Dr.Q +Mc; rare calc; py+Qtz & Kaol + Mc

ALTER.: fresh; Wk Bleached; W-M Bleached; V.Wk. Bleached; Mod Bleached; Mod Bleached & Argillized; V.wk bleached; Wk bleached

DESCRIPTION

576-1008 cont:

887.8 - 900; Weakly Bx'd - Dull med grey-green w/ tiny dk phenos w/ fine 'vein' bx'n w/ dk red FeOx on thin fracts. No veining above 894, below see wk py+qtz, calc vnlts.

900-912; Mottled pale green & grey-tan (w/ tiny dk phenos) ~3% disseminated py, weakly veined: 2-4 / ft, 1/16" - 1/8" wide py+qtz ± kaol 906.5 - 908; weakly bx'd, barely matrix supported - matrix is lt grey silica & drusy qtz + Mc

912 - 921; Med-dk grey green dense 'RBUR', sharp breakage surfaces, wk. thin fracts w/ dk green (chlor?), rare calc vnlts

921 - 933; lt green & lt flesh broken up to rubbly (more clayey & rubbly ↓) Mod veined; py ± qtz ± dk green ± kaol, 3-6 / ft, 1/16" - 1/8" wide, + mod amnt drusy qtz + Mc vugs

933 - 942; Med-dk green-grey f.g. Φ dense 'RBUR', crackle bx'd - FeOx & tiny dk phenos bleached along fractures, breaks w/ sharp edges. Rare calc. vnlts

942 - 951; Med grey-green (w/ tiny dk green phenos), w-m crackle bx'd, w/ dk red FeOx on fractures. W-M veining; py+qtz & white kaol + Mc (2-6 / ft, 1/16 - 1/8" wide)

ASSAYS

Sample No.	% Cu	% Pb	% Zn	oz/t Au	oz/t Ag
887.8-894				.001	<
894-899				<	
899-904				.005	
904-909				.010	
909-914				.061	
914-920				<	
920-925				.003	
925-929				.002	
929-933				.002	
933-937				<	
937-942				<	
942-947				.002	
947-				<	

HOLE # RL101 LOGGED BY CMW DATE 10-90 PAGE 14 OF 16

DEPTH (ft)	RECOVERY	Structure: Bd. Fol.	Structure: Faults	MINERALIZATION	GRAPHIC LOG	ALTER.	DESCRIPTION
960	93	None	Minor vnlts	Minor calc		fairly fresh	570-1008 cont:
				Minor calc & dk green chlor?		Weak bleached	951-962; Dense f.gr., red-brown ugly rock (RBUR), breaks w/ sharp edges. w/ ~3% 1-3 mm white spots. Wk calcite veining; 1-2/ft, 1/4"-1/2" wide.
970	103						962-977; Dull med green-grey, locally mottled w/ lt green. locally weakly crackle bx'd. Minor calc & dk green chlor? vnlts
			W-M vnlts	py+Q ±kaol & milky Q±kaol			977-983 Coarsely mottled/banded flesh-tan & lt green f.gr. tuff. W-M veined: py+qtz±kaol (2-6/ft, 1/16"-1/8" wide) & milky white ± qtz+kaol? few 1/4" veinlets 980-982'.
980	97			minor calc			
			minor vnlts	py+Q & lt green kaol			983-986.5: f.gr. dull med grey-green f.gr. tuff. Minor calcite veinlets. (3/ft, 1/8"-1/4" wide)
990	100		W-M vnlts			Mod Bleached	986.5-998; Mottled lt green, flesh & lt grey. Locally crackle bx'd. W-M veined: 3-7/ft, py+qtz, some lt green 'duck butter' kaol, dk green on fractures. Minor white kaol.
							998-1000: Wkly Bx'd to str. crackle bx'n of above rock, barely matrix supported - matrix milky white ± qtz+kaol?, w/ tan angular frags of tuff, w-m py+qtz vnlts
1000	100		Bx'd	py+qtz			1000-1008: Mottled med pink-grey/flesh, lt grey & green. fairly broken-up. Mod. veined: py+qtz, lt green 'duckbutter' kaol., & some milky white ± qtz+kaol? 6-12 vnlts/ft, 1/16"-1/4" wide
			mod vnlts	Py+ qtz, & lt green kaol			
1010	95		Bx'd fault zone	Dr Q +mc		Silic	1008-1018.3 Silicified fault zone.
	98						1008-1012; Multiple bx'd green tuff clasts in grey silica matrix - barely matrix supported. Some drusy qtz+Mc.
1020		contact 45	wk vnlts	py+qtz			

ASSAYS

Sample No.	% Cu	% Pb	% Zn	oz/t Au	oz/t Ag
952					
952-957				<	<
957-962				.001	<
962-967				<	<
967-972				<	<
972-977				.002	<
977-982				.023	<
982-987				<	<
987-992				.002	<
992-997				.003	<
997-1002				.032	<
1002-1007				.019	.17
1007-1013				.025	<
1013-1018.3				.058	2.15

DEPTH (ft) | RECOVERY | Structure: Bd. Fol. | Structure: Faults | MINERAL-IZATION | GRAPHIC LOG | ALTER.

1008 - 1018.3 cont

1012 - 1018.3 ; lt grey & lt tan multiple stages bx'n clasts in med grey silica matrix; Mod amnt drusy qtz vugs w/ needles of stibnite & tubs of barite. Matrix supported w/ ~ 70% clasts.

1018.3 - 1042.5 [Contact at 45° to c.a.] Med grey-tan sandstone

Bedded at ~45° to c.a. Varies from fine grained (can't see grains) to 2-3 mm black & brown grains. Sometimes banded, sometimes bx'd (depositional). Generally weakly veined: (2-4 / ft, 1/8" - 1/4") pyqtz ± kaol, & milky white ¿qtz + kaol? May have tuffaceous component?

1042.5 - 1044 Coarse epiclastic? Black frags shale, lt grey & green frags in clayey green groundmass. Bedded at ~41° to c.a. Few kaol + Mc vnlts.

1044 - 1123.5 Black Tr/Jr slates/shales

1044 - 1047; Silicified, mod. milky qtz + py vnlts

1047 - 1048; Lt grey dike? or SS?

1048 - 1053; Silicified & bx'd, mod milky qtz vnlts

1053 - 1056; Grey & tan ss? w/ mod qtz + py vnlts, ± kaol

1056 - 1064; Silicified, mod-abt milky qtz vnlts & drusy qtz

1064 - 1083; w. silic w/ very thin qtz vnlts (mod amnt but overall wk veining)

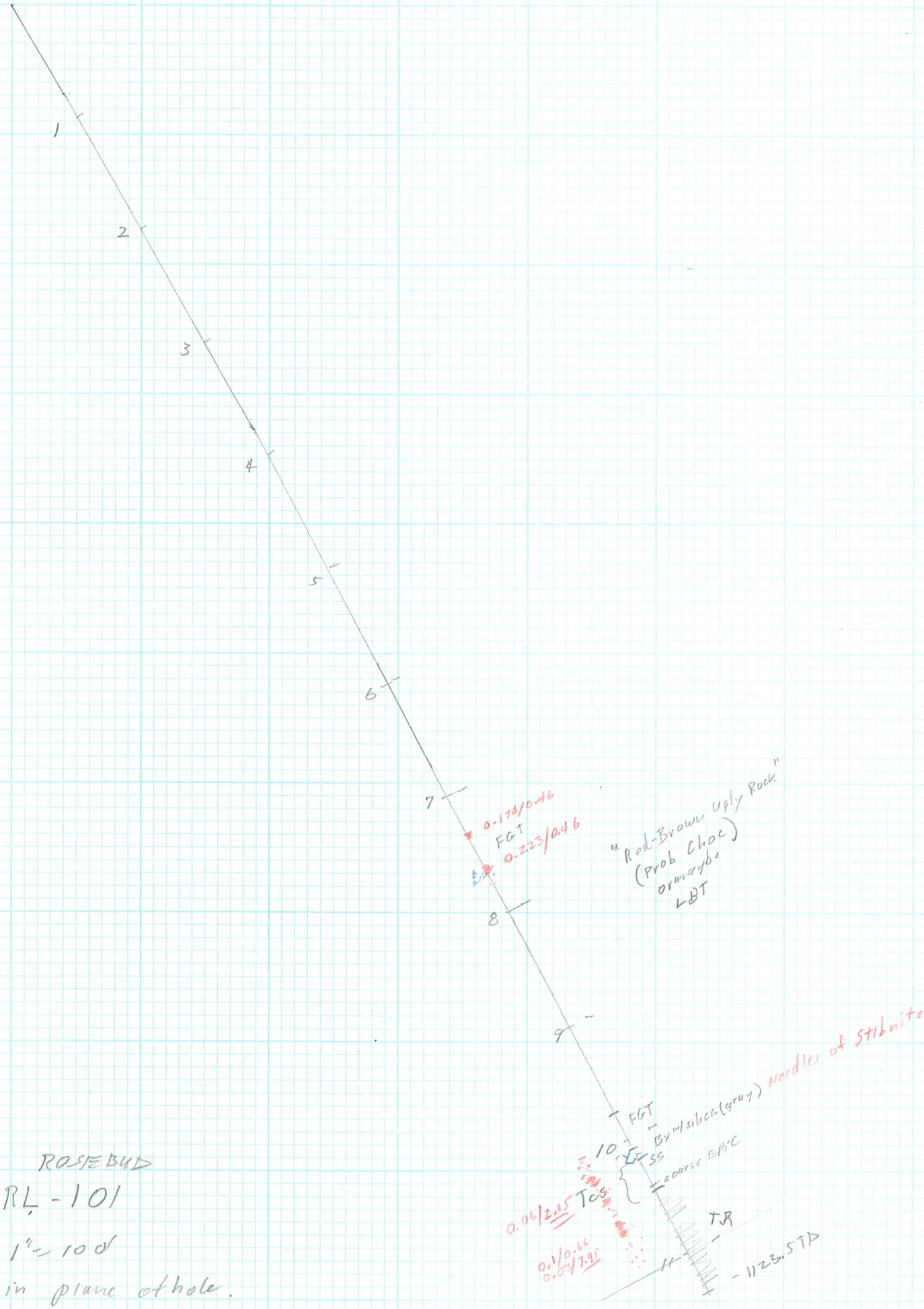
1083 - 1107; w. silic Mod veined, thin qtz vnlts & white kaol, minor barite xtls.

1107 - 1123.5 T.D; graphitic shiny appearance, not silicified. Softer & more fissile. Dissem py. Some white kaol vnlts

Sample No.	% Cu	% Pb	% Zn	oz/t Au	oz/t Ag
1018 - 1023			Au ✓	.017	.28
1023 - 1028				.048	<
1028 - 1033				.055	.18
1033 - 1038			.092	.097	.25
1038 - 1044				.071	.30
1044 - 1048				.018	.30
1048 - 1053				.016	.79
1053 - 1058			.090	.098	.66
1058 - 1063.8				.031	7.95
1063.8 - 1067				.006	.46
1067 - 1072				.006	<
1072 - 1077				.007	.27
1077 - 1082				.003	.16
1082 - 1087				.005	<
1087 - 1092				.008	.37

HOLE # RL-101 LOGGED BY _____ DATE _____ PAGE 16 OF 16

DEPTH (ft)	RECOVERY	Structure: Bd. Fol.	Structure: Faults	MINERAL-IZATION	GRAPHIC LOG	ALTER.	DESCRIPTION	ASSAYS: Sample No.	% Cu	% Pb	% Zn	oz/t Au	oz/t Ag
1100	100	Cant tell	Mod Vnlts	Qtz, white Kaol		Wk silic	1044-1123.5 T.D. cont:	1092-1097				.004	<
			Minor vnlts	Minor white Kaol		Graphitic		1097-1102				.004	<
								1102-1107				.005	2.81
1110	96							1107-1112				.003	<
								1112-1117				.004	<
1120	85							1117-1123.5				.002	.32
1123.5 T.D.													



ROSEBUD

RL-101

1" = 10'

in plane of hole.

RL 101 Summary

0-44: No Recov

44-227 2 clast chocolate clt (C2C)

- 44-90 M-Str bleached & broken } minor veinlets
- 90-189 Mod bleached
- 189-203 " wk py veining
- 203-227 Mod bleached, smaller clasts, wk py veining

227-269 lt green clt - faint bedding? ¿BUD? no veining

269-327 & flesh & green clt, like a cross between C2C & BUD?

327-351 Bedded clt — BUD

351-420.4 Tmb, minor py & dk green vnlts

420.4-464 Wispy green BUD clt

464-473 fig. grey & tuff

473-507.5 Dark purple-brown wispy clt (BUD)

507.5-570 Bedded, locally wispy clt (BUD) lt green & lt pi no veining

570-1008 Variably alt'd RBUR, gen w/ ~5% tiny dk phenos

- 570-664 various text's w-m bleached, w-m veined
- 664-667 alt vugs w/ Dr Q + Mc
- 667-684 fairly fresh
- 684-699 w-m bleached, w-m vnlts
- 699-763 w-bleached, w vnlts
- 763-789 Mod bleach, w-m vnlts, crackle bx'd
- 769-771 Bx'd, Si + Dr Q + Mc matrix
- 771-773 Mod bleached, w-m vnlts
- 773-780 M-Str bleached, mod qt py vnlts, crackle bx'd
- 780-819 Mod bleached, wk crackle bx'n, wk vnlts
- 819-831.5 W-M bleached, crackle bx'd, w-m veined, py, qtz

RL 101 Summary Cont

570 - 1008 cont:

831.5 - 887.5	fairly fresh RBUR
887.5 - 921	wk bleached, wk veined
921 - 933	mod bleached & broken up, mod veined pg, qtz, kaol
933 - 986.5	wk bleached, wk veined to fairly fresh
986.5 - 998	mod bleached, w-m vnlts pg + qtz + gn kaol
998 - 1000	str crackle bx ~~qtz~~ + kaol
1000 - 1008	mod bleached & broken, mod veined pg + qtz, green Kaol
1008 - 1018.3	silic fault zone
1018.3 - 1042.5	Gray-tan SS
1042.5 - 1044	Coarse epiclastic? clayey matrix
1044 - 1123.5	Black Tr/Jr shale
1044 - 1064	Mod silic & veined

RL 101 Summary Cont

570 - 1008 cont:

831.5 - 887.5	fairly fresh RBUR
887.5 - 921	wk bleached, wk veined
921 - 933	mod bleached & broken up, mod veined pg, qtz, kaol
933 - 986.5	wk bleached, wk veined to fairly fresh
986.5 - 998	mod bleached, w-m vnlts pg + qtz + gn kaol
998 - 1000	str crackle bx ~~qtz~~ + kaol
1000 - 1008	mod bleached & broken, mod veined pg + qtz, green Kaol
1008 - 1018.3	silic fault zone
1018.3 - 1042.5	Gray-tan SS
1042.5 - 1044	Coarse epiclastic? clayey matrix
1044 - 1123.5	Black Tr/Jr shale
1044 - 1064	Mod silic & veined

-101 RL-101 Page 1 of 5 8-5-90 KNT

0-44' Triconed / No sample

Sample Recovered		% Recovered	Sample Interval
44-47		1.6/3 = 53	
47-57		98%	
57-67		85%	
67-77		99%	
77-87		100%	
87-97		100%	
97-107		99%	
107-117		100%	
117-127		100%	
127-137		100%	
137-147		100%	
147-157		100%	
157-167		100%	
167-177		97%	
177-187		100%	
187-197		100%	
197-207		95%	
207-217		99%	
217-225	7.1/8	89	
225-234	8.6/9	96	
234-247		100%	
247-257		94%	
257-267	(1.9+	100%	

Split { 411-416, 416-420.4, 420.4-426

Lithology

44-352 bedded lithic lapilli tuff (clasts 4-32mm) w/ volcanic bx clasts >32

44-97

wht, blc, w/ local lino to local Si unig

@ 97' oxidized / reduced

wht-peach, overall sage grn lithic lapilli tuff to v/c bx. sparse sulfide vns + local "buckshot" pyrite

@ 203'

local bryite + marcasite vn to 1/2" wide

± 300-327

peach, blc w/ discrete sulfide vnlts, sparse

352-420.4

wht, blc to wk, lt grn FGT wk local sulfid vnlts, local bx local grn chg vns

417-420.4

buckshot pyrite to 1/4", + qtz - sc unig

Interval	Recovery
267 - 277	99%
277 - 287	97%
287 - 297	100%
297 - 307	100%
307 - 317	97%
317 - 327	100%
327 - 336	97%
336 - 346	99%
346 - 356	100%
356 - 366.5	99%
366.5 - 376.5	98%
376.5 - 386.5	100%
386.5 - 396.5	100%
396.5 - 407	98%
407 - 417	100%
417 - 427	100%
427 - 437	95%
437 - 447	100%
447 - 457	100%
457 - 467	100%
467 - 477	100%
477 - 487	100%
487 - 497	100%
497 - 507	99%
507 - 517	100%
517 - 527?	?
527? - 537 (+3.3)	
537 - 547	90%
547 - 557	100%+
557 - 567	100%+
567 - 577	100%
577 - 587	99%
587 - 597	100%+
597 - 607	100%+
607 - 617	99%
617 - 627	100%+
627 - 637	98%
637 - 647	100%
647 - 657	100%

SAMPLE INTERVALS

567 - 569.6
569.6 - 577
577 - 582
582 - 587
587 - 592
592 - 597
597 - 602
602 - 607
607 - 612

Sample (534) Lithology
420.4 - 569.6 BBx(2)
H sage grn, lithic lapilli tuff

~~420.4 - 471~~
grn matrix
471 - 507.5 BB
red matrix

502.5 - 507.5 Dike
red, brn, wk magnetic, FG Ti dike

507.5 - 569.6
grn matrix, matrix supported lithic lapilli tuff

569.6 - (793) FINE GRAIN TUFF - LIGHT SAGE GREEN TO BUFF WHITE WHERE ALTERED. LOCAL SULFIDE FRACTURES, RETROGRADED FAULT ZONES. Ca VEINS BECOMING MORE PERVASIVE w/ DEPTH

630.4 - 630.7 DK GREY FINE GRAIN DIKE?

640.6 - 642.9 DK GREY FN Gr INTRUSIVE? & HEMATITIC STAINED FRACTURES, WKLY MAGNETIC

616 - 616.5 SILICIFIED FAULT ZONE

RL-101 8-7-90 Page 3 of 5 -1-90 KNT/DAM

pg 3 OF

Recovery Interval	% Recovery		Sample Interval	Lithology
657-667	100%	SPLIT	612-617	732.6-735.8 SILICIFIED FAULT ZONE, DRUZY Q FILLED FRACTURES & MARCASITE
667-677	97%		617-622	
677-687	100%		622-627	
687-697	100%+		627-632	
697-707	99%		632-637	[727-744] INCREASED BLEACHING, POSSIBLE ALUNITE VEINS? ALTERATION ENVELOPE AROUND FAULT
707-717	100%		637-642	
717-727	100%		642-647	
727-737	100%		647-652	
737-747	98%		652-657	
747-757	98%		657-662	
757-767	98%		662-667	717.8-765' WHITE BLEACHED, FRACTURED, CLAY ALTERED?, PERVASIVE $CaCO_3$ ZONES
767-777	97%		667-672	
777-787	97%		672-677	
787-797 (5.4+	101%		677-682	
797-807	100%		682-687	lose $CaCO_3$ @ ±765'
807-817	100%		687-692	
817-827	97%		692-697	
827-837	100%		697-702	768.7-771.2 wht to druzy qtz on - reheated fault
837-847	98%		702-707	
847-857	101%		707-712	
857-867	101%		712-717	
867-(6.5)			717-722	
			722-727	
			727-732.6	
			732.6-735.8	
			735.8-742	793-831.6 LITHIC TUFF MATRIX SUPPORTED, ROUNDED CLASTS, $CaCO_3$ VEINLETS? PERVASIVE ZONES
			742-747	
			747-752	
			752-757	
		CUT	757-762	819-825.3 INCREASED $CaCO_3$ VEINLETS, FRACTURES, BLC WHITE
			762-767	
			767-772	
			772-777	
			777-782	
			782-787	
			787-792	831.6-807.8 DK GREEN, GR VERY FINE GRAIN INTRUSIVE? WELDED TUFF? & LOCAL HEMETITIC FRACTURES, AND WK BLC ZONES.
			792-797 ✓	
			797-802	
			802-807	
		CUT	807-813	
			813-819	
			819-825.3	
			825.3-831	
			831-837	
			837-842	
		SPLIT	842-847	
		NO SAMPLE	847-(875)	

RL-101 PAGE 4 OF 5 8.9.90

SAMPLE RECOVERED	% RECOVERED
867 – (6.5) 877	102%
877 – 887	96%
887 – 897	98%
897 – 907	88%
907 – 917	100%
917 – 927	100%
927 – 937	93%
937 – (3.6) 947	95%
947 – 957	100%
957 – 967	93%
967 – 977	103%
977 – 987	97%
987 – 997	100%
997 – (8.4) 1007	100%
[illegible] – 1013	95%
1013 – 1023	98%
1023 – 1033	100%
[illegible] – 1043	100%
– 1053	98%
– 1058	50%
– 1067	100%
– 1077	100%
– 1087	60%
– 1097	100%
– 1107	100%
– 1117	96%
– 1123.5	85%

SAMPLE INTERVAL

– 887.8 ↑ NO SAMPLE

SPLIT

887.8 – 894
894 – 899
899 – 904
904 – 909
909 – 914
914 – 920
920 – 925
925 – 929
929 – 933
933 – 937
937 – 942
– 947
– 952
– 957
– 962
– 967
– 972
– 977

CUT *

977 – 982
– 987
– 992
– 997
– 1002
– 1007
– 1013
– 1018.3
– 1023
– 1028
– 1033
– 1038
– 1044
– 1048
– 1053
– 1058
– 1063.8

LITHOLOGY

887.8 – 897 MATRIX SUPPORTED VOLCANIC Bx wk Ce Vn

897 – (941) FGT Locally Bleached; Bx ≈ Local Qsulf. VNING

899 – 909 FGT Bx, wk BL, WK-MOD QSULFIDE VNING DRUZY Q? MARCASITE 905-907

920 – 927 MOD BLEACH, PEACH-GREEN DRUZY Q VNS? VUGS ≈ MARCASITE, FRACTU

~~[illegible]~~

927 – 933 CLAY ALTERED FRACTURED ≈ FINE STKWK

961.8 → 1008.8: bl↑ – pale grn; – grey fgt

* 979 – 990.5 FGT, BLC ≈ FAULT Bx, Silica Flooding wk Qsulfide Vning Mint green color

** 990.5 – 1008.8: mod clay-py vng/str in gran peach-grn tuff

56 → at 1008

* 1008.8 – 1018.3: str. sil'd hetero lithic pc w/ incr JR frags toward ba

1018.3 – 1044: mixed sst/zst w/ local grading, chaotic zones ± wk S. vng + basal cgl

1044 – TD blk locally bx'd wk-mod sil'd JR

1052.6 – 1058 – fg felsic dike

* 1058 – 1063.8 vuggy sil. bx ± BaSO4

1077 – 1082 – black flt.

RL-101 cont'd (8/10/90)

Samples	comments
1063.8-1067	* (1087 - 1097)
-1072	± vuggy sil. 6x
-1077	1115 - 1123.5 TD
-1082	broken (fit?)
-1087	(4" qtz vn at TD)
-1092	
-1097	
-1102	
-1107	
-1112	
-1117	
-1123.5 TD	

Sp

NEVADA GSI, INC.

PREP QUALITY ASSURANCE CERTIFICATION

Date 8/27/90

Company LAC MINERALS

Job # 8282

Geologist N. BREWER

No. Samples 17 CORE

Sample ID	Time	Bowl #	Weight	-150 Wt.	% -150
RL-101C 782-787	9:30 AM		247.60	138.34	93.73

☑ PASSED ☐ FAILED

Explanation/Actions

Approved By Richard A. Grondin

Richard Grondin, Lab Manager

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

SEP 12 1990

NEVADA GSI, INC.

GEOCHEMICAL ANALYSIS REPORT

September 7, 1990

CUST. CODE: LOA
PROJECT: URBD
P.O. #: XXXX
LOT ID: 8255

GEOLOGIST: NATE BREWER
COPIES TO: SAME
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-101C 887.8	894	0.001	-0.10
2.	RL-101C 894	899	-0.001	-0.10
3.	RL-101C 899	904	0.005	-0.10
4.	RL-101C 904	909	0.010	-0.10
5.	RL-101C 909	914	0.001	-0.10
6.	RL-101C 914	920	-0.001	-0.10
7.	RL-101C 920	925	0.003	-0.10
8.	RL-101C 925	929	0.002	-0.10
9.	RL-101C 929	933	0.002	-0.10
10.	RL-101C 933	937	-0.001	-0.10
11.	RL-101C 937	942	-0.001	-0.10
12.	RL-101C 942	947	0.002	-0.10
13.	RL-101C 947	952	-0.001	-0.10
14.	RL-101C 952	957	-0.001	-0.10
15.	RL-101C 957	962	0.001	-0.10
16.	RL-101C 962	967	-0.001	-0.10
17.	RL-101C 967	972	-0.001	-0.10
18.	RL-101C 1067	1072	0.006	-0.10
19.	RL-101C 1072	1077	0.007	0.27
20.	RL-101C 1077	1082	0.003	0.16
21.	RL-101C 1082	1087	0.005	-0.10
22.	RL-101C 1087	1092	0.008	0.37
23.	RL-101C 1092	1097	0.004	-0.10
24.	RL-101C 1097	1102	0.004	-0.10
25.	RL-101C 1102	1107	0.005	2.81
26.	RL-101C 1107	1112	0.003	-0.10
27.	RL-101C 1112	1117	0.004	-0.10
28.	RL-101C 1117	1123.5	0.002	0.32

THIS REPORT REVIEWED AND APPROVED BY:

Richard A. Grondin

RICHARD GRONDIN, LABORATORY DIRECTOR

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

NEVADA GSI, INC.

SEP 19 1990

GEOCHEMICAL ANALYSIS REPORT

September 14, 1990

CUST. CODE: LOA
PROJECT: URBD
P.O. #: XXXX
LOT ID: 8283

GEOLOGIST: NATE BREWER
COPIES TO: KEN TULLAR
COMPANY: LAC MINERALS
ANALYSIS: FIRE ASSAY FOR GOLD AND SILVER, WITH AN A.A. FINISH.
FIRE ASSAY FOR GOLD, WITH AN A.A. FINISH (CHECKS).

	SAMPLE I.D.			Au o/t	Ag o/t	Checks Au o/t
1.	RL-101C	567	569.6	-0.001	-0.10	-
2.	RL-101C	569.6	577	-0.001	0.10	-
3.	RL-101C	577	582	0.036 ✓	0.27	-
4.	RL-101C	582	587	-0.001	0.14	-
5.	RL-101C	587	592	0.017 ✓	-0.10	-
6.	RL-101C	592	597	0.017 ✓	0.19	-
7.	RL-101C	597	602	0.006	0.22	-
8.	RL-101C	602	607	-0.001	-0.10	-
9.	RL-101C	607	612	-0.001	-0.10	-
10.	RL-101C	612	617	0.044 ✓	0.29	-
11.	RL-101C	617	622	0.007	0.12	-
12.	RL-101C	622	627	0.009	-0.10	-
13.	RL-101C	627	632	-0.001	-0.10	-
14.	RL-101C	632	637	0.005	-0.10	-
15.	RL-101C	637	642	0.004	-0.10	-
16.	RL-101C	642	647	-0.001	-0.10	-
17.	RL-101C	647	652	-0.001	0.20	-
18.	RL-101C	652	657	-0.001	0.15	-
19.	RL-101C	657	662	0.012 ✓	-0.10	-
20.	RL-101C	662	667	-0.001	0.44	-
21.	RL-101C	667	672	-0.001	-0.10	-
22.	RL-101C	672	677	-0.001	-0.10	-
23.	RL-101C	677	682	-0.001	-0.10	-
24.	RL-101C	682	687	0.125 ✓	-0.10	-
25.	RL-101C	687	692	0.003	0.20	-
26.	RL-101C	692	697	-0.001	-0.10	-
27.	RL-101C	697	702	-0.001	-0.10	-
28.	RL-101C	702	707			
29.	RL-101C	707	712			

Rich to check out →

0.153 $\bar{x}$ 0.139

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

LAC MINERAL
LOT ID # 8283

	SAMPLE I.D.			Au o/t	Ag o/t	Checks Au o/t
30.	RL-101C	712	717	-0.001	-0.10	-
31.	RL-101C	717	722	-0.001	-0.10	-
32.	RL-101C	722	727	-0.001	-0.10	-
33.	RL-101C	727	732.6	0.001	-0.10	-
34.	RL-101C	732.6	735.8	0.098 ✓	0.46	0.174
35.	RL-101C	735.8	742	-0.001	-0.10	-
36.	RL-101C	742	747	-0.001	-0.10	-
37.	RL-101C	747	752	-0.001	-0.10	-
38.	RL-101C	752	757	-0.001	-0.10	-

$\bar{X}$ 0.136

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THIS REPORT REVIEW AND APPROVED BY:

Richard A. Grondin

RICHARD GRONDIN, LABORATORY DIRECTOR

NEVADA GSI, INC.

SEP 7 1990

GEOCHEMICAL ANALYSIS REPORT

September 5, 1990

CUST. CODE: LOA
PROJECT: URBD
P.O. #: XXXX
LOT ID: 8282

GEOLOGIST: NATE BREWER
COPIES TO: KEN TULLAR
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-101C 757	762	-0.001	-0.10
2.	RL-101C 762	767	0.223	0.46
3.	RL-101C 767	772	0.030	-0.10
4.	RL-101C 772	777	0.021	0.22
5.	RL-101C 777	782	0.007	0.21
6.	RL-101C 782	787	-0.001	0.13
7.	RL-101C 787	792	0.001	-0.10
8.	RL-101C 792	797	-0.001	0.11
9.	RL-101C 797	802	0.003	0.15
10.	RL-101C 802	807	0.001	0.15
11.	RL-101C 807	813	0.010	0.11
12.	RL-101C 813	819	0.001	0.11
13.	RL-101C 819	825.3	0.001	0.13
14.	RL-101C 825.3	831	0.006	-0.10
15.	RL-101C 831	837	-0.001	0.10
16.	RL-101C 837	842	0.001	0.11
17.	RL-101C 842	847	-0.001	-0.10

THIS REPORT REVIEWED AND APPROVED BY:

Richard A. Grondin

RICHARD GRONDIN, LABORATORY GRONDIN

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

SEP 28 1990

NEVADA GSI, INC.

GEOCHEMICAL ANALYSIS REPORT

September 26, 1990

CUST. CODE: LOA
PROJECT: URBD
P.O. #: XXXX
LOT ID: 8408

GEOLOGIST: NATE BREWER
COPIES TO: KEN TULLAR
COMPANY: LAC MINERALS
ANALYSIS: FIRE ASSAY FOR GOLD AND SILVER, WITH AN A.A. FINISH.
FIRE ASSAY FOR GOLD, WITH AN A.A. FINISH. (CHECKS)

	SAMPLE I.D.			Au o/t	Ag o/t	Checks Au o/t
1	RL-101C	972	977	0.002	-0.10	-
2		M-86		0.084	-0.10	-
3	RL-101C	977	982	0.023	-0.10	-
4	RL-101C	982	987	-0.001	-0.10	-
5	RL-101C	987	992	0.002	-0.10	-
6	RL-101C	992	997	0.003	-0.10	-
7	RL-101C	997	1002	0.032	-0.10	-
8	RL-101C	1002	1007	0.019	0.17	-
9	RL-101C	1007	1013	0.025	-0.10	-
10	RL-101C	1013	1018.3	0.058	2.15	-
11	RL-101C	1018.3	1023	0.017	0.28	-
12	RL-101C	1023	1028	0.048	-0.10	-
13	RL-101C	1028	1033	0.055	0.18	-
14	RL-101C	1033	1038	0.097	0.25	0.092
15	RL-101C	1038	1044	0.071	0.30	-
16	RL-101C	1044	1048	0.018	0.30	-
17	RL-101C	1048	1053	0.016	0.79	-
18	RL-101C	1053	1058	0.098	0.66	0.090
19	RL-101C	1058	1063.8	0.031	7.95	-
20	RL-101C	1063.8	1067	0.006	0.46	-
21	RL-104C	487	492	0.009	0.15	-
22		M-87		0.102	-0.10	0.099
23	RL-104C	492	497	0.003	-0.10	-
24	RL-104C	497	502	0.007	-0.10	-
25	RL-104C	502	507	0.008	-0.10	-
26	RL-104C	507	512	0.009	0.19	-
27	RL-104C	512	517	0.010	0.18	-
28	RL-104C	517	522	0.009	-0.10	-

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	SAMPLE I.D.			Au o/t	Ag o/t	Checks Au o/t
29	RL-104C	522	527	0.056	0.24	-
30	RL-109C	475.5	480	-0.001	-0.10	-
31	RL-109C	480	487	0.001	-0.10	-
32	RL-109C	487	492	-0.001	-0.10	-
33	RL-109C	492	497	0.001	-0.10	-
34	RL-109C	497	502	-0.001	-0.10	-
35	RL-109C	502	507	0.004	-0.10	-
36	RL-109C	507	511	0.008	-0.10	-
37	RL-109C	511	517	0.001	-0.10	-
38	RL-109C	517	522	0.001	-0.10	-
39	RL-109C	522	527	0.004	0.15	-
40	RL-109C	527	532	0.003	0.13	-
41	RL-109C	532	537	0.004	-0.10	
42		M-88		0.053	-0.10	-
43	RL-109C	537	542	0.003	-0.10	-
44	RL-109C	542	547	0.007	-0.10	-
45	RL-109C	547	552	0.003	-0.10	-
46	RL-109C	552	557	0.003	-0.10	-
47	RL-109C	557	565	0.050	0.14	-
48	RL-109C	565	570	0.003	-0.10	-
49	RL-109C	570	575	0.001	-0.10	-
50	RL-109C	575	580	0.002	-0.10	-
51	RL-109C	580	585.5	0.001	0.10	-
52	RL-109C	585.5	590.5	-0.001	-0.10	-
53	RL-109C	590.5	595.5	0.001	-0.10	-
54	RL-109C	595.5	601	0.049	-0.10	-
55	RL-109C	601	606	0.007	0.17	-
56	RL-109C	606	611	0.012	0.24	-
57	RL-109C	611	616	0.019	0.18	-
58	RL-109C	616	619.2	0.011	-0.10	-
59	RL-109C	619.2	624	0.003	0.12	-
60	RL-109C	624	629	-0.001	-0.10	-
61	RL-109C	654.5	660	0.001	0.15	-
62		M-89		0.280	-0.10	0.250
63	RL-109C	660	665	0.024	-0.10	-
64	RL-109C	665	670	-0.001	0.24	-
65	RL-109C	670	675	0.007	0.12	-
66	RL-109C	675	681	0.007	-0.10	-
67	RL-109C	681	687	0.005	-0.10	-
68	RL-109C	687	692	0.002	-0.10	-
69	RL-109C	692	697	0.002	-0.10	-
70	RL-109C	697	703.3	0.020	0.18	-
71	RL-109C	703.3	707	0.001	0.30	-
72	RL-109C	707	712	-0.001	0.10	-
73	RL-109C	712	717	-0.001	-0.10	-

	SAMPLE I.D			Au o/t	Ag o/t	Checks Au o/t
74	RL-109C	717	722	-0.001	-0.10	-
75	RL-109C	722	727	-0.001	-0.10	-
76	RL-107C	956	959.7	0.001	-0.10	-
77	RL-107C	959.7	965	0.004	-0.10	-
78	RL-107C	965	970	0.002	-0.10	-
79	RL-107C	970	974.5	0.001	-0.10	-
80	RL-107C	974.5	980.5	0.003	-0.10	-
81	RL-107C	980.5	984.5	0.003	-0.10	-
82		M-90		0.098	-0.10	-

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Richard A. Grondin

RICHARD GRONDIN, LABORATORY DIRECTOR