60001516

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 94-340
AUTHOR	C. Winchester, C. Muerhoff; S. Fairchild
DATE OF DOC(S)	1994
MULTI_DIST Y / (N?) Additional Dist_Nos:	
QUAD_NAME	Sulphur 7.5'
P_M_C_NAME (mine, claim & company names)	Rosebud Mine; Rosebud Project; Hecla Mining Co., East Zone
COMMODITY If not obvious	gold silver
NOTES	Drill log; geology; assay; total depth 752' handwritten notes; receipt 43p.

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 5/29/08
Initials Date
DB: mag
Initials Date
SCANNED: NV Blue
Initials Date

Revised: 1/22/08

94-340 EAST ZONE

60001516 4010

27
10470
2/2

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Hecla
MINING COMPANY

ROSEBUD PROJECT
DIAMOND DRILL LOG

HOLE NUMBER	94-340	LOCATION	Rosebud Deposit - East Zone	REMARKS	
PAGE 1 OF 16		NORTHING	2,204,017.9	0'-495': RC w/ UDR-650 4½"	
DATE	7-26-94	EASTING	483,184.3	495'-751.5': HQ core, Longyear 38	
LOGGED BY	CB WINETEER	ELEVATION	5345.8		
SCALE	RC: 1"=10' / Core 1"=5'	AZIMUTH	105.5°		
TOTAL DEPTH	751.5'	INCLINATION	-87.5°		

%REC	RQD	LITHOLOGY	FT	GRAPHIC LOG	STRUCTURE	ALTERATION AND MINERALIZATION	ANALYTICAL DATA FROM	TO	W	Au	Ag	Au2	Ag2
		M.H. — OFF WHT TO PALE GRN STAINED TAN-to ORANGE 0-45' Oxidized, silicified, porphyritic, sugary tuff, w/ phenocrysts of quartz, chloritized hornblende(?) clay + oxide altered feldspar. f.g. siliceous rhyolitic - 15-35' Very fine-grained dark grey disseminated plant fragments.	10 20		Siliceous + FeOx coated fracture surfaces. Locally pervassive SiO_2 + hem ± geoth ± jarosite replacement.	FeOx As Lim+ Hem stain of Q	0	15	15'	62 ppb	1.3 ppm		
		M.					15	25	10'	242	4.7		
		Mod Hd	30		FeOx pseudomorphs after disc. py.		25	35	10'	72	1.2		
			40				35	45	10'	158	1.1		
		Drab greenish grey 45-65' Mixed FeOx replacement of sulfide + disseminated f.g. py + SiO_2 + f.g. py in f.g. siliceous "sandy textured" tuff.	50			FeOx + <1% f.g. py	Q	45	55	10'	12	0.7	

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%REC	RQD	LITHOLOGY	FT	GRAPHIC LOG	STRUCTURE	ALTERATION AND MINERALIZATION	ANALYTICAL DATA FROM	TO	W	Au	Ag	Au2	Ag2
		MOD HD Drab greenish grey + FeOx stain	60			Mixed FeOx & sulfide w/ chalcedonic Q & disseminated in Q ± clay	55	65	10'	68ppb	1.5 ppm		
		MOD to MOD HD Pale green & grey — 65-156' Fine-grained, well-sorted, massive-bedded rarely flow-laminated, slightly porphyritic tuff.	70			2-3% f. to mod. grd. py	65	75	10'	38	1.0		
			80			1% diss f.g. py	75	85	10'	30	1.1		
		— vauge "ghost" pumice lapilli — repl. by clay w/ siliceous halo's.	90			2% diss. f. to m.g. py + chal. SiO_2	85	95	10'	152	1.5		
			100				95	105	10'	246	1.4	250	
			110				105	115	10'	24	0.5		
			120				115	125	10'	14	<0.5		

HOLE NUMBER 94-340 PAGE 3 OF 16

%REC	RQD	LITHOLOGY			FT	GRAPHIC LOG	STRUCTURE	ALTERATION AND MINERALIZATION	ANALYTICAL DATA FROM	TO	W	Au	Ag	Au2	Ag2
		MOD HD	Pale to med. green	f.g. siliceous sandy or sugary ground mass w/ occ. 1-3% white clay altered subhedral feldspar phenocrysts + green chloritized ferromag. minerals, clay ± sulfide altered f.g. lapilli.	130			1-2% f. to med. g. py w/ siliceous veining-banding.	125	135	10'	8 ppb	<0.5 ppm		
					140				135	145	10'	6	<0.5		
					150			Minor $CaCO_3$ + py repl. of feldspar pheno's	145	155	10'	8	<0.5		
			Brown	156-176' Brown FeOx stained, fine-grained siliceous, slightly porphyritic tuff similar to above and appears to post-date green-sulfide bearing phase above.	160			156'? minor c. xln $CaCO_3$ barren at contact Fine-grained hematitic FeO disseminated blotches & on frac's. $CaCO_3$ flooded ground mass w/ occ. repl or vug-filling clotts.	155	165	10'	<5	<0.5		
					170			c. xln barren $CaCO_3$ @ contact	165	175	10'	<5	<0.5		
			PALE GRN	176-195' Medium-grained, siliceous tuff w/ f.g., sandy/sugary groundmass & occ. clay altered feldspar phenocrysts and occ. darker-green devitrified pumice lapilli w/ FR's of 3:1 to 5:1. smaller dk green chloritic repl. of ferromag minerals ?	180			176-195' Minor SiO_2 hairline to microveinlets + 1-2% diss. f.g. py	175	185	10'	<5	<0.5		
					190				185	195	10'	<5	<0.5	<5	

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%REC	RQD	LITHOLOGY			FT	GRAPHIC LOG	STRUCTURE	ALTERATION AND MINERALIZATION	ANALYTICAL DATA FROM	TO	W	Au	Ag	Au2	Ag2
		MOD HD	Pale grn					1% diss. + veinlet py							
			BROWN	195-205 Medium dark brown f. to medium grained, siliceous, slightly porphyritic tuff w/ strong FeOx (hematitic) stain and $CaCO_3$ flooding	200			4-5% diss + fracture FeOx	195	205	10'	6 ppb	<0.5 ppm		
			Pale greenish grey	205-235' Fine- to medium grained siliceous tuff w/ acc. clay altered feldspar & subhedral quartz phenos.	210			1-2% diss + veinlet py	205	215	10'	<5	<0.5		
					220			striated yellow tint massive py	215	225	10'	16	0.5		
					230		H gry slightly yellow tint SiO_2 + py	5-6% diss + veinlet py	225	235	10'	10	<0.5		
		MOD	grey	235-245' Fault clays, SiO_2 + py veinlets in clay altered tuff.	240		clayey fault gouge + SiO_2 + py	+7% diss + vnlt py	235	245	10'	80	2.7		
		SOFT	PALE GRN & TAN	245- Interbedded very-fine grained clay altered tan, flow-laminated tuff and fine- to medium-grained siliceous sandy tuff w/ increasing quartz phenos ↓	250			5% diss py	245	255	10'	201			
		MOD			260			3% diss + vnlt py	255	265	10'	16			

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%REC	RQD	LITHOLOGY	FT	GRAPHIC LOG	STRUCTURE	ALTERATION AND MINERALIZATION
		mod, soft & mod / Pale green & tan	270, 280, 290, 300, 310, 320, 330			1-2% diss + vnlt py
		mod to mod Hd / REDDISH BROWN				$CaCO_3$ f. to m. grd + hematite vnlts; repl. possible opalline SiO_2 them.

316-333' Reddish-brown siliceous fine-grained sandy/sugary groundmass, porphyritic w/ abundant equant to tabular dark grey-black carbonaceous fine-grained plant fragments.?

ANALYTICAL DATA

FROM	TO	W	Au (ppb)	Ag (ppm)	Au2 (ppb)	~~Ag2~~ Au3 (opt)
265	275	10'	<5			
275	285	10'	12			
285	295	10'	824		760	
295	305	10'	36			
305	315	10'	2364	1.45 opt		0.068 (grav)
315	325	10'	100			
325	335	10'	16			

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%REC	RQD	LITHOLOGY	FT	GRAPHIC LOG	STRUCTURE	ALTERATION AND MINERALIZATION
		mod to mod hd; S.A.A. Pale green to tan: 333-380' Pale green and tan fine to medium grained siliceous tuff w/ ≤1% diss + vnlt py, occ. c. xln $CaCO_3$ vnlts; occ. pale to dark green chloritic clay clotts, occ. white clay + py altered phenocrysts.	340, 350, 360, 370, 380, 390, 400			
		Red-brown w/ alternating bands of pale green: 380-500' Hematite stained, carbonate-flooded, carbonaceous fine-grained siliceous sandy textured tuff.				

ANALYTICAL DATA

FROM	TO	W	Au (ppb)	Ag	Au2 (ppb)	Ag2
335	345	10'	<5			
345	355	10'	<5		<5	
355	365	10'	6			
365	375	10'	<5			
375	385	10'	<5			
385	395	10'	<5			
395	405	10'	6			

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%REC	RQD	LITHOLOGY	FT	GRAPHIC LOG	STRUCTURE	ALTERATION AND MINERALIZATION
		mod to mod Hd; S.A.A.; Red-brown Δ ing ↓ to brownish grey	410, 420, 430, 440, 450, 460, 470			

ANALYTICAL DATA

FROM	TO	W	Au (ppb)	Ag	Au2 (ppb)	Ag2
405	415	10'	<5			
415	425	10'	<5			
425	435	10'	<5			
435	445	10'	<5			
445	455	10'	<5			
455	465	10'	<5			
465	475	10'	<5			

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%REC	RQD	LITHOLOGY	FT	GRAPHIC LOG	STRUCTURE	ALTERATION AND MINERALIZATION	ANALYTICAL DATA FROM	TO	W	Au (ppb)	Ag	Au2 (ppb)	Ag2
		mod to mod ud s.A.A.											
			480				475	485	10'	<5		<5	
			490				485	495	10'	<5			
		495' END OF RUC PRE-DRILL											

HOLE NUMBER 94-340 SCALE 1" = 5' PAGE [illegible] OF 16

%REC	RQD	LITHOLOGY	FT	GRAPHIC LOG	STRUCTURE	ALTERATION AND MINERALIZATION
110	1.00 10>4' 503	MOD HD; Reddish brown gry 495 - 506' Fine-to coarse-grained, flow-laminated, moderately-sorted, sugary texture groundmass, slightly porphyritic w/ 2-3% clay + carbonate pseudomorphic repl. subhedral to euhedral orthorhombic feldspar phenocrysts, 3-5% very f.g. tabular dk grey to black hornblende/biotite or hematite repl. carbonaceous plant fragments (flow-aligned), vesicles w/ wrap-around flow-lamination & pale green, white clay ± carbonate ± sulfide ± hematite; dark grey devitr.? pumice lapilli w/ wrap-around flow-laminations. Ash-flow tuff or andesitic flow-latitic composition.	500		495-512' poorly developed barren white $CaCO_3$ stkwk @ 20° & 60° Tr py w/ $CaCO_3$ ± clay SiO_2 + hematite micro "hair line" stkwk	
97	.88 12>4' 513	506-561 Coarse-grained, poorly-sorted, clast- to local matrix-supported, massive to crudely flow-laminated debris-flow-mud-flow, w/ angular, flow-laminated, slightly porphyritic ash flow tuff clasts (as above) in a fine-grained, clayey hematite stained granular, fibrous groundmass.	505		wavy-apparent lam-inations @ 45-60' 506' apparent bedded wavy contact at 45-50'	512-515' 0.1-1.0" white, fiberous, calcareous vnlts @ 60' & 40' in S.A.A.
94	.81 10>4" 523	green clasts in brn matrix; pale grn-gry SOFT	510 515 520		521' slick-sufs in clay-altered gouge @ 30' pale green clay-lined slick-sufs @ 50'	515-524' clay altered clasts w/ chloritic clay ± py ± $CaCO_3$ ± Q? rich matrix; diss. py 1-2%.
93	.86 10>4"	grn clasts in brn matrix; dk reddish brn matrix w/ brn gry clasts	525 530			524-556' Tr py w/ $CaCO_3$ ± green clay ± zeolites SiO_2 + hematite matrix? loc. stkwk x-cutting angul. frags.

ANALYTICAL DATA

FROM	TO	W	Au (ppb opt)	Ag	Au2 (ppb)	Ag2
495	500	5.0'	<5 <0.001			
500	505	5.0'	6 <0.001			
505	510	5.0'	<5 <0.001			
510	515	5.0'	8 <0.001			
515	520	5.0'	<5 <0.001			
520	525	5.0'	<5 <0.001			
525	530	5.0'	<5 <0.001			

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%REC	RQD	LITHOLOGY	FT	GRAPHIC LOG	STRUCTURE	ALTERATION AND MINERALIZATION
	533	MOD HD; S.A.A.				
100	.95 9 > 4"		535			534' barren white $CaCO_3$ + pale green fiberous zeolites @ 20'
	543		540			
98	.92 9 > 4"		545			
	553		550			
91	.63 9 > 4"	561 - Volcanic breccia, poorly-sorted, coarse-grained (exceeding diam. of core), hetero- & polylithic, clast-supported, w/ fine-grained hematite stained matrix, angular clasts (commonly displaying internal lamination).	555			555-561' discont. white-barren $CaCO_3$ in matrix of tectonic bx
	563	MOD HD; MOD HD; MOD HD; grey, brn clasts in minor brn matrix	560		561' fault contact @ 25° w/ $CaCO_3$+py microvlt overlain by tectonic bx w/ angular clasts in dark brown clayey gouge matrix, secondary slides @ 55°	
			565			

ANALYTICAL DATA

FROM	TO	W	Au	Ag	Au2	Ag2
			ppb opt		ppb opt	
530	535	5.0'	<5 <0.001			
535	540	5.0'	<5 <0.001			
540	545	5.0'	<5 <0.001			
545	550	5.0'	<5 <0.001			
550	554	4.0'	<5 <0.001			
554	558	4.0'	<5 <0.001		<5 <0.001	
558	561	3.0'	<5 <0.001			
561	565	4.0'	<5 <0.001			

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%REC	RQD	LITHOLOGY	FT	GRAPHIC LOG	STRUCTURE	ALTERATION AND MINERALIZATION
100	.98 8>4" 573	MOD #D S.A.A. continued: common, coarse clasts of dark brown fine-grained, porphyritic clasts w/ 2-5% clay altered subhedral feldspar phenos, + Access. chloritized hornblend?, zeolite + carbonate + sulf/FeOx filled vesicles in andesitic flow fragments.	570			
100	.96 10>4" 582		575 580		575-577' slicks w/ pale green clay @30°	fibrous $CaCO_3$ + zeolites @30°
99	.93 10>4" 592		585 590			
100	.95 9>4"		595 600			Increasing % of Oxide as specular hematite also as py.

ANALYTICAL DATA

FROM	TO	W	Au	Ag	Au2	Ag2
			ppb opt		ppb opt	
565	570	5.0'	<5 <0.001			
570	575	5.0'	<5 <0.001		<5 <0.001	
575	580	5.0'	<5 <0.001			
580	585	5.0'	<5 <0.001			
585	590	5.0'	<5 <0.001			
590	595	5.0'	<5 <0.001			
595	600	5.0'	<5 <0.001			

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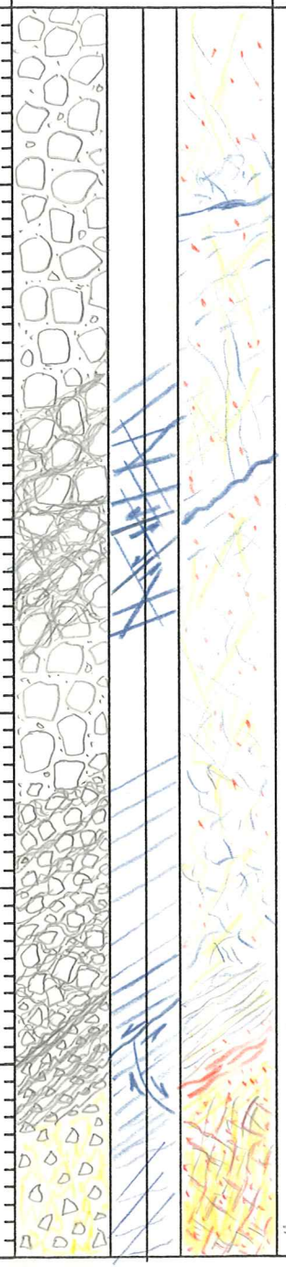
%REC	RQD	LITHOLOGY	FT	STRUCTURE	ALTERATION AND MINERALIZATION
	602	MOD HD / S.A.A.			
97	.85 7>4"		605		Au geochem ↓
	612		610		2 AT fire assay ↓
100	.64 10>4"	mod soft - mod matrix w/ mod hd clasts; mod hd	615	612-618' fault breccia fault breccia's on 30', 50', ?75' stx's	
	622		620	622-629' incr. ↑ fault brecciation w/ angular frags in clayey-brittle-slicked gouge matrix. slick's w/ ridge & groove stx's @ 50-65'	— discont. irreg. $CaCO_3$ stringers of various attitudes.
93	.55 10>4"	mod soft to mod matrix w/ mod. hd clasts; dark reddish brown; 620.5 green matrix w/ brown clasts — w/ green matrix partially extending upward into brown matrix unit.; pale green & tan	625	629' uneven fault contact @ 50'	629-632 $CaCO_3$ micro hairline stringers @ 60' Chy + milled rx frags + py + alunite ? pheno's on slicks. ~75' & 20'
	632		630	632-642' silicified fault breccia w/ SiO_2 + py repl. of groundmass and clasts; relic clasts w/ py rims. post-sulfide slicks @ 40'	632-642' discontinuous bladed marc. + smec. fill & open-space fig. Q stockwork; diss. cubic py 1-2% siliceous groundmass. mixed chloritic & alunitic alteration of groundmass.
			635		

612-618' fault breccia w/in mud-flow deposits as above

622-629' fault breccia w/in mud flow-deposits as above

629-632' fault breccia w/ pale grey and green clay + sulfide ± $CaCO_3$ rich matrix & bleached fine-grained porphyritic frags.

632-642 fault breccia w/in fine-grained tuff ? moderate silicification? clay-alteration.



ANALYTICAL DATA

FROM	TO	W	Au	Ag	Au2	Ag2
			ppb opt		ppb opt	
600	605	5.0'	<5 <0.001			
605	610	5.0'	<5 <0.001			
610	615	5.0'	<5 <0.001			
615	620	5.0'	<5 <0.001			
620	624.5	4.5'	<5 <0.001		<5	
624.5	629	4.5'	<5 <0.001			
629	632	3.0'	56 0.002			
632	637	5.0'	118 0.003			

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%REC	RQD	LITHOLOGY	FT	GRAPHIC LOG	STRUCTURE	ALTERATION AND MINERALIZATION
100	.83 9 >4" 642	MOD HD; very lt. grn-gry & tan 642-651' Crackle to matrix-supported hydrothermal breccia w/in fine-grained? massive bedded? tuff? w/ clear SiO_2 ± sulfide matrix - stockwork microveinlets.	640		638-640.5' principal slicks (post sulfide) @ 15' w/ curved slick @ 640' secondary slicks @ 60° w/ $CaCO_3$ + minor clay.	637-642' discontinuous sulf stringers as above + discont. $CaCO_3$ + smec/ill stringers; groundmass spotty clear SiO_2 ± py replacement w/in tan to slightly pink alunite alt. & grass/emerald green chlorite clay alt. groundmass.
95	.83 11 >4" 652	HD + dk gry	645 650		647' - clear; emerald green k .02-.05" →1 651.5 - open-space Q lined vug w/ ill. clay filling 651-656 Post-SiO_2 frac's @ 50° & 20° w/ euhedral f.g. baryte ± sulf wht subhedral anhydrite? on 15°	642-651' Clear SiO_2 matrix & micro veinlet stkwk + platey-bladed sulf in part to totally repl. by py clay alt. clasts - alunite chlorite; sulf + SiO_2 ± chl. @ 60 & 20' 649' @50° open-space Q → py-ohedrons → f.g. adularia → smec/ill
96	.80 9 >4" 662	pale grn-gry MOD HD	655 660		- Tr sph.	651-655.5' Massive SiO_2 replacement of matrix-clasts w/ 5-7% diss. py + py after bladed sulf dark grey SiO_2 + f.g. py bands @ 60° 655.5-664' matrix & clast supported hydrothermal breccia w/ clear, lt. toned grey siliceous matrix & angular highly irregular weak to mod. silic. clasts of f.g. massive tuff.? SiO_2 stk; 1-3% diss. py X-cutting 20-35° SiO_2 + adularia (dog's tooth) + ill + c. xln baryte + bladed py after marc? ± Tr black soft granular ~~marcasite~~? → La enclosing paper thin polysyn twinned marc?
97	.82 11 >4"	664-669 Crackle breccia w/ SiO_2 veinlet as matrix & massive to crudely-laminated fine-grained tuff(?) as clasts; clasts comprised of anhedral (?) SiO_2 "balls" in encased in clay w/ sugary or punky texture.	665 670		664' SiO_2 flooding contact @ 55° - irreg. 663.7' adularia + ill + f.g. bladed marc + euhedral py ± cpy w/ intergrown Ruby Ag (Tr) 664-669 SiO_2 microvnlt stkwk w/ princ. 50° & 20°	

ANALYTICAL DATA

FROM	TO	W	Au	Ag	Au2	Ag2
			ppb opt		ppb opt	
637	642	5.0'	68 0.002			
642	647	5.0'	44 0.001			
647	651	4.0'	386 0.011		350 0.010	
651	655.5	4.5	162 0.005			
655.5	660	4.5'	96 0.003			
660	664	4.0'	196 0.006			
664	669	5.0'	236 0.007			

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%REC	RQD	LITHOLOGY			FT	GRAPHIC LOG	STRUCTURE	ALTERATION AND MINERALIZATION
	672	MOD HD	Pale grn-gry	669-677.5' matrix-supported hydrothermal(?) breccia w/ a clear to very pale green silica matrix & white clay + cubic py altered angular clasts.				669-677.5' barren clear SiO_2 matrix w/ clay + cubic py repl clasts; 1-2% diss py (w/in clasts only) Minor Q+adul.+ill+sulf. @35'
99	.95 11>4"		bleached off-white		675		thin tectonic bx @75' @675'	
	682			667.5-739' Hydrothermal breccia matrix- & clast-supported w/ clear SiO_2+ sulfide matrix & clay altered clasts w/ SiO_2+py rims. Fine-grained tuff protolith? w/local planar lamination.	680		682-692' vuggy SiO_2 + c. xln baryte ± smec/ill ± blade, thin marc. baryte, strongly zoned & loc. encasing paper-thin bladed marc loc. overgrowths of Q	f.g. chalcedonic to open-space drusy Q @ 20-40° & 70° 667.5-705' 2-3% v. f.g. cubic diss. py + SiO_2 + py clotts.
83	.64 11>4"				685			685-687 mod. arg. alt. w/ tarnish py
	688	MOD HD to HD					- chalcedonic SiO_2 ± ill	
	692				690			
88	.61 11>4"				695		- chalcedonic SiO_2 ± ill	696-703 mod. arg. alt. + weak diss py + bladed marc? in Q veins.
					700			
	705				705		Chalcedonic SiO_2 ± ill	

ANALYTICAL DATA

FROM	TO	W	Au (ppb / opt)	Ag	Au2 (ppb / opt)	Ag2
669	673.5	4.5'	48 / 0.002		60 / 0.002	
673.5	677.5	4.0'	76 / 0.002			
677.5	682	4.5'	106 / 0.003			
682	687	5.0'	106 / 0.003			
687	692	5.0'	242 / 0.007			
692	697	5.0'	184 / 0.005			
697	702	5.0'	98 / 0.003			
702	707	5.0'	128 / 0.004			

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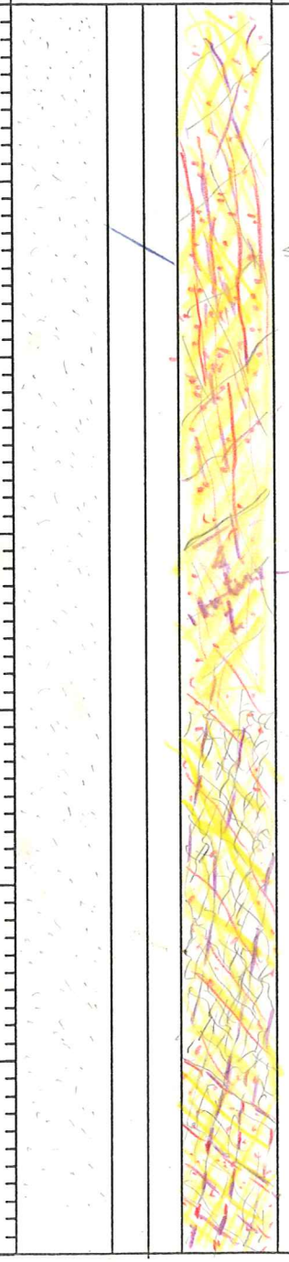
%REC	RQD	LITHOLOGY	FT	GRAPHIC LOG	STRUCTURE	ALTERATION AND MINERALIZATION
83	713	MOD HD to HD; S.A.A.	710		SiO_2 + bladed sulf @ 0-5° smec/ill + marc. lined frac @ 60°	705-725 incr. silicification w/ SiO_2 + py + marc + alunite + SiO_2 matrix + chalcedonic SiO_2 bands & veins ± ill ± marc. ± bar diss. py cubic; disbrlet cubic & bladed + c.g. 712-725 moderately intense silicification.
86	.64 6>4" 723	tan? pale grn	715 720		open-space bar	719 - vuggy w/ open-space Q ± bar ± ill / Amect ± marc. w/ blk carbon coatings
93	.60 5>4" 727		725		chalcedonic SiO_2 + ill @ 40-55°	725-735' moderately-strong argillic alt? of groundmass
97	.73 6>4" 733		730		vuggy v open-space Q + ill ± bar ± marc. @ 5-10°	
96	.72 9>4"		735 740		731.5-747' v.vuggy diss. along clay + sulf alt. clasts w/ silica ± py matrix; local silic. of clasts	decrease in chalcedonic Q banding 735-745' moderate to weak argillic alt.; clast- to locale matrix-supported hydrothermal breccia; vuggy diss. on 55° & 10° sf + w/ open-space Q → marc/py → ill → baryte

ANALYTICAL DATA

FROM	TO	W	Au	Ag	Au2	Ag2
			ppb opt		ppb opt	
707	712	5.0'	204 0.006			
712	717	5.0'	286 0.008		246 0.007	
717	722	5.0'	206 0.006			
722	727	5.0'	250 0.007			
727	732	5.0'	180 0.005			
732	737	5.0'	144 0.004			
737	742	5.0'	176 0.005			

HOLE NUMBER 94-340 PAGE 16 OF 16

%REC	RQD	LITHOLOGY	FT	GRAPHIC LOG	STRUCTURE	ALTERATION AND MINERALIZATION
	743	mod hd to hd / S.A.A.				745-751.5' decrease in vuggy open-space Q + ill + ban.; SiO_2 + marc + < py micro "hairline" stkwk w/ 2-3% v.f.g. diss cubic py 745-748' mod arg. alt.
100	1.0 6>4"		745			
	750		750			
100	.87 2>4"					
		END OF HOLE 751.5'				

ANALYTICAL DATA						
FROM	TO	W	Au	Ag	Au2	Ag2
			ppb opt			
742	747	5.0'	332			
			0.010			
747	751.5	4.5'	264			
			0.008			

American Assay Laboratories

INVOICE

Remit To: P.O. Box 71060
Reno, NV 89570
Phone No.: 702-356-0606
Fax No.: 702-356-1413

AMERICAN ASSAY LABORATORIES
1500 GLENDALE AVE.
SPARKS, NV 89431

(702) 356-0606

INVOICE NO: SP 0030251-IN
INVOICE DATE: 08/18/94

East Zone 94-340

INVOICE TO:
HECLA MINING COMPANY
1225 UPPER VALLEY ROAD
P. O. BOX 1861
LOVELOCK NV 89419

HECLA MINING COMPANY
1225 UPPER VALLEY ROAD
P. O. BOX 1861
LOVELOCK NV 89419

CUSTOMER P.O.	PROJECT	TERMS
	ROSEBUD	NET 30

QUANTITY	DESCRIPTION	PRICE	AMOUNT
25	SAMPLES RECEIVED	.00	.00
25	JAW CRUSHING CHARGE	1.20	30.00
25	SPLITTING CHARGE	.50	12.50
25	KEEGOR MILLING CHARGE	2.00	50.00
25	Au (1 A.T. FIRE ASSAY)	7.25	181.25
1	Au ANALYSES/GRAVIMETRIC	7.75	7.75
1	HYDROCHLORIC/NITRIC DIGESTION	2.00	2.00
1	Ag ANALYSES	.80	.80

OK to pay.
P.O. # 400027; line 4
Charles V. Muerhoff

NET INVOICE:	284.30
LESS DISCOUNT:	85.29
FREIGHT:	.00
INVOICE TOTAL:	199.01

ANALYSIS REPORT

American Assay Laboratories

P.O. BOX 71060
RENO, NV,,U.S.A.,
Ph.1-702-356-0606, Fax.1-702-356-1413
Telex:

HECLA MINING CO.

COPIES TO : CHARLIE MUERHOFF
:
:
:

CLIENT REFERENCE No: 94-340 RECEIVED : 2/08/94

LABORATORY JOB No. : SP030251 REPORTED : / /

SAMPLE TYPE : No. SAMPLES : 25

ANALYSIS	ANALYTICAL METHOD	QUALITY PARAMETER	UNIT	DETECTION
Au	FA30	15%	ppb	5
Au(R)	FA30	15%	ppb	5
AuGRAV	GRAV	15%	OPT	0.001
Ag(OZ)	D210	10%	OPT	0.02

ANALYSIS REPORT

American Assay Laboratories

P.O. BOX 71060
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Ph.1-702-356-0606, Fax.1-702-356-1413
Telex:

HECLA MINING CO.

COPIES TO : CHARLIE MUERHOFF
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CLIENT REFERENCE No: 94-340 RECEIVED : 2/08/94

LABORATORY JOB No. : SP030251 REPORTED : / /

SAMPLE TYPE : No. SAMPLES : 25

ANALYSIS	ANALYTICAL METHOD	QUALITY PARAMETER	UNIT	DETECTION
Au	FA30	15%	ppb	5
Au(R)	FA30	15%	ppb	5
AuGRAV	GRAV	15%	OPT	0.001
Ag(OZ)	D210	10%	OPT	0.02

SIGNATORY : Sue Faircloth M.S.

AMERICAN ASSAY LABORATORIES
ANALYSIS REPORT

American Assay Laboratories

CLIENT : HECLA MINING CO.
PROJECT : ROSEBUD
REFERENCE : 94-340
JOB NUMBER : SP030251
REPORTED : / /

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	AuGRAV GRAV OPT	Ag(OZ) D210 OPT
94-340 245-255	201			
94-340 255-265	16			
94-340 265-275	<5			
94-340 275-285	12			
94-340 285-295	.024 824	760 .022		
94-340 295-305	36			
94-340 305-315	2364 .070		0.068	1.45
94-340 315-325	100			
94-340 325-335	16			
94-340 335-345	<5			
94-340 345-355	<5	<5		
94-340 355-365	6			
94-340 365-375	<5			
94-340 375-385	<5			
94-340 385-395	<5			
94-340 395-405	6			
94-340 405-415	<5			
94-340 415-425	<5			
94-340 425-435	<5			
94-340 435-445	<5			
94-340 445-455	<5			
94-340 455-465	<5			
94-340 465-475	<5			
94-340 475-485	<5	<5		
94-340 485-495	<5			

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT

American Assay Laboratories

CLIENT : HECLA MINING CO.
PROJECT : ROSEBUD
REFERENCE : 94-340
JOB NUMBER : SP030251
REPORTED : / /

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	AuGRAV GRAV OPT	Ag(OZ) D210 OPT
94-340 245-255	201			
94-340 255-265	16			
94-340 265-275	<5			
94-340 275-285	12			
94-340 285-295	.024 824	760 .022		
94-340 295-305	36			
94-340 305-315	2364 .070		0.068	1.45
94-340 315-325	100			
94-340 325-335	16			
94-340 335-345	<5			
94-340 345-355	<5	<5		
94-340 355-365	6			
94-340 365-375	<5			
94-340 375-385	<5			
94-340 385-395	<5			
94-340 395-405	6			
94-340 405-415	<5			
94-340 415-425	<5			
94-340 425-435	<5			
94-340 435-445	<5			
94-340 445-455	<5			
94-340 455-465	<5			
94-340 465-475	<5			
94-340 475-485	<5	<5		
94-340 485-495	<5			

American Assay Laboratories

INVOICE

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Reno, NV 89570
Phone No.: 702-356-0606
Fax No.: 702-356-1413

AMERICAN ASSAY LABORATORIES
1500 GLENDALE AVE.
SPARKS, NV 89431

(702) 356-0606

INVOICE NO: SP 0030125-IN
INVOICE DATE: 08/04/94

94-340

INVOICE TO:
HECLA MINING COMPANY
1225 UPPER VALLEY ROAD
P. O. BOX 1861
LOVELOCK NV 89419

HECLA MINING COMPANY
1225 UPPER VALLEY ROAD
P. O. BOX 1861
LOVELOCK NV 89419

CUSTOMER P.O.	PROJECT	TERMS
	ROESBUD	NET 30

QUANTITY	DESCRIPTION	PRICE	AMOUNT
24	SAMPLES RECEIVED	.00	.00
24	SPLITTING CHARGE	.50	12.00
24	KEEGOR MILLING CHARGE	2.00	48.00
24	Au (1 A.T. FIRE ASSAY)	7.25	174.00
24	HYDROCHLORIC/NITRIC DIGESTION	2.00	48.00
24	Ag ANALYSES	.80	19.20

OK to pay line 2
P.O. # 400004
Charles V. Mierkoff

NET INVOICE:	301.20
LESS DISCOUNT:	90.36
FREIGHT:	.00
INVOICE TOTAL:	210.84

ANALYSIS REPORT

American Assay Laboratories Inc.

P.O. BOX 71060
RENO, NV,,U.S.A.,
Ph.1-702-356-0606, Fax.1-702-356-1413
Telex:

posted

HECLA MINING CO.

COPIES TO : CHARLIE MUERHOFF
:
:
:

CLIENT REFERENCE No: 94-340
LABORATORY JOB No. : SP030125
SAMPLE TYPE :

RECEIVED : 22/07/94
REPORTED : 3/08/94
No. SAMPLES : 24

ANALYSIS	ANALYTICAL METHOD	QUALITY PARAMETER	UNIT	DETECTION
Au	FA30	15%	ppb	5
Au(R)	FA30	15%	ppb	5
Ag	D210	10%	ppm	0.5

SIGNATORY : Sue Faircloth M.S.

ANALYSIS REPORT

American Assay Laboratories Inc.

P.O. BOX 71060
RENO, NV,,U.S.A.,
Ph.1-702-356-0606, Fax.1-702-356-1413
Telex:

posted

HECLA MINING CO.

COPIES TO : CHARLIE MUERHOFF
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CLIENT REFERENCE No: 94-340 RECEIVED : 22/07/94

LABORATORY JOB No. : SP030125 REPORTED : 3/08/94

SAMPLE TYPE : No. SAMPLES : 24

.007 .007 .04

ANALYSIS	ANALYTICAL METHOD	QUALITY PARAMETER	UNIT	DETECTION
Au	FA30	15%	ppb	5
Au(R)	FA30	15%	ppb	5
Ag	D210	10%	ppm	0.5

SIGNATORY : Sue Faircloth M.S.

AMERICAN ASSAY LABORATORIES
ANALYSIS REPORT

American Assay Laboratories Inc.

CLIENT : HECLA MINING CO.
PROJECT : ROSEBUD
REFERENCE : 94-340
JOB NUMBER : SP030125
REPORTED : 3/08/94

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb	Ag D210 ppm
94-340 00-15	62		1.3
94-340 15-25	242		4.7
94-340 25-35	72		1.2
94-340 35-45	158		1.1
94-340 45-55	12		0.7
94-340 55-65	68		1.5
94-340 65-75	38		1.0
94-340 75-85	30		1.1
94-340 85-95	152		1.5
94-340 95-105	.007 246	.007 250	1.4 .04
94-340 105-115	24		0.5
94-340 115-125	14		<0.5
94-340 125-135	8		<0.5
94-340 135-145	6		<0.5
94-340 145-155	8		<0.5
94-340 155-165	<5		<0.5
94-340 165-175	<5		<0.5
94-340 175-185	<5		<0.5
94-340 185-195	<5	<5	<0.5
94-340 195-205	6		<0.5
94-340 205-215	<5		<0.5
94-340 215-225	16		0.5
94-340 225-235	10		<0.5
94-340 235-245	80		2.7

American Assay Laboratories

INVOICE

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Phone No.: 702-356-0606
Fax No.: 702-356-1413

AMERICAN ASSAY LABORATORIES
1600 GLENDALE AVE.
SPARKS, NV 89431

(702) 356-0606

INVOICE NO: SP 0030358-IN
INVOICE DATE: 08/18/94

East Zone 94-340

INVOICE TO:
HECLA MINING COMPANY
1225 UPPER VALLEY ROAD
P. O. BOX 1861
LOVELOCK NV 89419

HECLA MINING COMPANY
1225 UPPER VALLEY ROAD
P. O. BOX 1861
LOVELOCK NV 89419

CUSTOMER P.O.	PROJECT	TERMS
	ROSEBUD	NET 30

QUANTITY	DESCRIPTION	PRICE	AMOUNT
54	SAMPLES RECEIVED	.00	.00
54	JAW CRUSHING CHARGE	2.40	129.60
54	SPLITTING CHARGE	1.50	81.00
54	LEEGOR MILLING CHARGE	2.00	108.00
54	Au (1 A.T. FIRE ASSAY)	7.25	391.50

OK to pay
P.O. # 400027, line 4
Charles V. Muerhoff

NET INVOICE:	710.10
LESS DISCOUNT:	213.03
FREIGHT:	.00
INVOICE TOTAL:	497.07

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT

American Assay Laboratories

CLIENT : HECLA MINING CO.
PROJECT : ROSEBUD
REFERENCE : 94-340
JOB NUMBER : SP030358
REPORTED : 24/08/94

SAMPLES	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT
94-340 495-500	<0.001	
94-340 500-505	<0.001	
94-340 505-510	<0.001	
94-340 510-515	<0.001	
94-340 515-520	<0.001	
94-340 520-525	<0.001	
94-340 525-530	<0.001	
94-340 530-535	<0.001	
94-340 535-540	<0.001	
94-340 540-545	<0.001	
94-340 545-550	<0.001	
94-340 550-554	<0.001	
94-340 554-558	<0.001	<0.001
94-340 558-561	<0.001	
94-340 561-565	<0.001	
94-340 565-570	<0.001	
94-340 570-575	<0.001	<0.001
94-340 575-580	<0.001	
94-340 580-585	<0.001	
94-340 585-590	<0.001	
94-340 590-595	<0.001	
94-340 595-600	<0.001	
94-340 600-605	<0.001	
94-340 605-610	<0.001	
94-340 610-615	<0.001	

AMERICAN ASSAY LABORATORIES
ANALYSIS REPORT

American Assay Laboratories

CLIENT : HECLA MINING CO.
PROJECT : ROSEBUD
REFERENCE : 94-340
JOB NUMBER : SP030358
REPORTED : 24/08/94

SAMPLES	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT
94-340 615-620	<0.001	
94-340 620-624.5	<0.001	
94-340 624.5-629	<0.001	
94-340 629-632	0.002	
94-340 632-637	0.003	
94-340 637-642	0.002	
94-340 642-647	0.001	
94-340 647-651	0.011	0.010
94-340 651-655.5	0.005	
94-340 655.5-660	0.003	
94-340 660-664	0.006	
94-340 664-669	0.007	
94-340 669-673.5	0.002	0.002
94-340 673.5-677.5	0.002	
94-340 677.5-682	0.003	
94-340 682-687	0.003	
94-340 687-692	0.007	
94-340 692-697	0.005	
94-340 697-702	0.003	
94-340 702-707	0.004	
94-340 707-712	0.006	
94-340 712-717	0.008	0.007
94-340 717-722	0.006	
94-340 722-727	0.007	
94-340 727-732	0.005	

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT

American Assay Laboratories

CLIENT : HECLA MINING CO.
PROJECT : ROSEBUD
REFERENCE : 94-340
JOB NUMBER : SP030358
REPORTED : 24/08/94

SAMPLES	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT
94-340 732-737	0.004	
94-340 737-742	0.005	
94-340 742-747	0.010	
94-340 747-751.5	0.008	

ANALYSIS REPORT

American Assay Laboratories

P.O. BOX 71060
RENO, NV,,U.S.A.,
Ph.1-702-356-0606, Fax.1-702-356-1413
Telex:

HECLA MINING CO.

COPIES TO : CHARLIE MUERHOFF

:

:

:

Posted.

CLIENT REFERENCE No: 94-340

LABORATORY JOB No. : SP030358

SAMPLE TYPE :

RECEIVED : 8/08/94

REPORTED : 18/08/94

No. SAMPLES : 54

ANALYSIS	ANALYTICAL METHOD	QUALITY PARAMETER	UNIT	DETECTION
Au	FA30	15%	ppb	5
Au(R)	FA30	15%	ppb	5

SIGNATORY : Sue Faircloth M.S.

AMERICAN ASSAY LABORATORIES
ANALYSIS REPORT

American Assay Laboratories

CLIENT : HECLA MINING CO.
PROJECT : ROSEBUD
REFERENCE : 94-340
JOB NUMBER : SP030358
REPORTED : 18/08/94

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb
94-340 495-500	<5	
94-340 500-505	6	
94-340 505-510	<5	
94-340 510-515	8	
94-340 515-520	<5	
94-340 520-525	<5	
94-340 525-530	<5	
94-340 530-535	<5	
94-340 535-540	<5	
94-340 540-545	<5	
94-340 545-550	<5	
94-340 550-554	<5	
94-340 554-558	<5	<5
94-340 558-561	<5	
94-340 561-565	<5	
94-340 565-570	<5	
94-340 570-575	<5	<5
94-340 575-580	<5	
94-340 580-585	<5	
94-340 585-590	<5	
94-340 590-595	<5	
94-340 595-600	<5	
94-340 600-605	<5	
94-340 605-610	<5	
94-340 610-615	<5	

AMERICAN ASSAY LABORATORIES
ANALYSIS REPORT

American Assay Laboratories

CLIENT : HECLA MINING CO.
PROJECT : ROSEBUD
REFERENCE : 94-340
JOB NUMBER : SP030358
REPORTED : 18/08/94

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb
94-340 615-620	<5	
94-340 620-624.5	<5	<5
94-340 624.5-629	<5	
94-340 629-632	56	
94-340 632-637	118	
94-340 637-642	68	
94-340 642-647	44	
94-340 647-651	.011 386	350 .010
94-340 651-655.5	162	
94-340 655.5-660	96	
94-340 660-664	196	
94-340 664-669	236	
94-340 669-673.5	48	60
94-340 673.5-677.5	76	
94-340 677.5-682	106	
94-340 682-687	106	
94-340 687-692	242	
94-340 692-697	184	
94-340 697-702	98	
94-340 702-707	128	
94-340 707-712	204	
94-340 712-717	.008 286	246 .007
94-340 717-722	206	
94-340 722-727	250	
94-340 727-732	180	

AMERICAN ASSAY LABORATORIES
ANALYSIS REPORT

American Assay Laboratories

CLIENT : HECLA MINING CO.
PROJECT : ROSEBUD
REFERENCE : 94-340
JOB NUMBER : SP030358
REPORTED : 18/08/94

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb
94-340 732-737	144	
94-340 737-742	176	
94-340 742-747	332 .010	
94-340 747-751.5	264	

ANALYSIS REPORT

American Assay Laboratories
P.O. BOX 71060
RENO, NV,,U.S.A.,
Ph.1-702-356-0606, Fax.1-702-356-1413
Telex:

HECLA MINING CO.

COPIES TO : CHARLIE MUERHOFF
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Posted

CLIENT REFERENCE No: 94-340
LABORATORY JOB No. : SP030358
SAMPLE TYPE :

RECEIVED : 8/08/94
REPORTED : 18/08/94
No. SAMPLES : 54

ANALYSIS	ANALYTICAL METHOD	QUALITY PARAMETER	UNIT	DETECTION
Au	FA30	15%	ppb	5
Au(R)	FA30	15%	ppb	5

SIGNATORY : Sue Faircloth M.S.

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT

American Assay Laboratories

CLIENT : HECLA MINING CO.
PROJECT : ROSEBUD
REFERENCE : 94-340
JOB NUMBER : SP030358
REPORTED : 18/08/94

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb
94-340 495-500	<5	
94-340 500-505	6	
94-340 505-510	<5	
94-340 510-515	8	
94-340 515-520	<5	
94-340 520-525	<5	
94-340 525-530	<5	
94-340 530-535	<5	
94-340 535-540	<5	
94-340 540-545	<5	
94-340 545-550	<5	
94-340 550-554	<5	
94-340 554-558	<5	<5
94-340 558-561	<5	
94-340 561-565	<5	
94-340 565-570	<5	
94-340 570-575	<5	<5
94-340 575-580	<5	
94-340 580-585	<5	
94-340 585-590	<5	
94-340 590-595	<5	
94-340 595-600	<5	
94-340 600-605	<5	
94-340 605-610	<5	
94-340 610-615	<5	

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT

American Assay Laboratories

CLIENT : HECLA MINING CO.
PROJECT : ROSEBUD
REFERENCE : 94-340
JOB NUMBER : SP030358
REPORTED : 18/08/94

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb
94-340 615-620	<5	
94-340 620-624.5	<5	<5
94-340 624.5-629	<5	
94-340 629-632	56	
94-340 632-637	118	
94-340 637-642	68	
94-340 642-647	44	
94-340 647-651	386	350
94-340 651-655.5	162	
94-340 655.5-660	96	
94-340 660-664	196	
94-340 664-669	236	
94-340 669-673.5	48	60
94-340 673.5-677.5	76	
94-340 677.5-682	106	
94-340 682-687	106	
94-340 687-692	242	
94-340 692-697	184	
94-340 697-702	98	
94-340 702-707	128	
94-340 707-712	204	
94-340 712-717	286	246
94-340 717-722	206	
94-340 722-727	250	
94-340 727-732	180	

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT

American Assay Laboratories

CLIENT : HECLA MINING CO.
PROJECT : ROSEBUD
REFERENCE : 94-340
JOB NUMBER : SP030358
REPORTED : 18/08/94

SAMPLES	Au FA30 ppb	Au(R) FA30 ppb
94-340 732-737	144	
94-340 737-742	176	
94-340 742-747	332	
94-340 747-751.5	264	

ANALYSIS REPORT

American Assay Laboratories

P.O. BOX 71060
RENO, NV.,U.S.A.,
Ph.1-702-356-0606, Fax.1-702-356-1413
Telex:

HECLA MINING CO.

COPIES TO : CHARLIE MUERHOFF
:
:
:

CLIENT REFERENCE No: 94-340 RECEIVED : [illegible]/08/94

LABORATORY JOB No. : SP030358 REPORTED : 24/08/94

SAMPLE TYPE : No. SAMPLES 54

ANALYSIS	ANALYTICAL METHOD	QUALITY PARAMETER	UNIT	DETECTION
Au(OZ)	FA30	15%	OPT	0.001
Au(RZ)	FA30	15%	OPT	0.001

SIGNATORY : Sue Faircloth M.S.

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT

American Assay Laboratories

CLIENT : HECLA MINING CO.
PROJECT : ROSEBUD
REFERENCE : 94-340
JOB NUMBER : SP030358
REPORTED : 24/08/94

SAMPLES	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT
94-340 495-500	<0.001	
94-340 500-505	<0.001	
94-340 505-510	<0.001	
94-340 510-515	<0.001	
94-340 515-520	<0.001	
94-340 520-525	<0.001	
94-340 525-530	<0.001	
94-340 530-535	<0.001	
94-340 535-540	<0.001	
94-340 540-545	<0.001	
94-340 545-550	<0.001	
94-340 550-554	<0.001	
94-340 554-558	<0.001	<0.001
94-340 558-561	<0.001	
94-340 561-565	<0.001	
94-340 565-570	<0.001	
94-340 570-575	<0.001	<0.001
94-340 575-580	<0.001	
94-340 580-585	<0.001	
94-340 585-590	<0.001	
94-340 590-595	<0.001	
94-340 595-600	<0.001	
94-340 600-605	<0.001	
94-340 605-610	<0.001	
94-340 610-615	<0.001	

AMERICAN ASSAY LABORATORIES
ANALYSIS REPORT

American Assay Laboratories

CLIENT : HECLA MINING CO.
PROJECT : ROSEBUD
REFERENCE : 94-340
JOB NUMBER : SP030358
REPORTED : 24/08/94

SAMPLES	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT
94-340 615-620	<0.001	
94-340 620-624.5	<0.001	
94-340 624.5-629	<0.001	
94-340 629-632	0.002	
94-340 632-637	0.003	
94-340 637-642	0.002	
94-340 642-647	0.001	
94-340 647-651	0.011	0.010
94-340 651-655.5	0.005	
94-340 655.5-660	0.003	
94-340 660-664	0.006	
94-340 664-669	0.007	
94-340 669-673.5	0.002	0.002
94-340 673.5-677.5	0.002	
94-340 677.5-682	0.003	
94-340 682-687	0.003	
94-340 687-692	0.007	
94-340 692-697	0.005	
94-340 697-702	0.003	
94-340 702-707	0.004	
94-340 707-712	0.006	
94-340 712-717	0.008	0.007
94-340 717-722	0.006	
94-340 722-727	0.007	
94-340 727-732	0.005	

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SAMPLES	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT
94-340 732-737	<0.004	
94-340 737-742	<0.005	
94-340 742-747	<0.010	
94-340 747-751.5	0.008	

ANALYSIS REPORT

American Assay Laboratories

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RENO, NV,,U.S.A.,
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Telex:

HECLA MINING CO.

COPIES TO : CHARLIE MUERHOFF
:
:
:

CLIENT REFERENCE No: 94-340
LABORATORY JOB No. : SP030358
SAMPLE TYPE :

RECEIVED : 8/08/94
REPORTED : 24/08/94
No. SAMPLES : 54

ANALYSIS	ANALYTICAL METHOD	QUALITY PARAMETER	UNIT	DETECTION
Au(OZ)	FA30	15%	OPT	0.001
Au(RZ)	FA30	15%	OPT	0.001

SIGNATORY : Sue Faircloth M.S.