60001125

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. D-256-98
AUTHOR	S. King; K. Allen; A Niles
DATE OF DOC(S)	1998
MULTI_DIST Y / (N?) Additional Dist_Nos:	
QUAD_NAME	Sulphur 7.5'
P_M_C_NAME (mine, claim & company names)	Rosebud Mine; Rosebud Project; Rosebud Mining Co. LLC Hecla Mining Co.
COMMODITY If not obvious	gold; silver
NOTES	Drill log; geology; assay; photographs; total depth 103' receipt; handwritten notes; downhole camera images 22p. 3 down hole camera images

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: DP 5/13/08
Initials Date
DB: mah
Initials Date
SCANNED:
Initials Date

Revised: 1/22/08

D-256-98

6000 1135 4010

60001135

Hecla MINING COMPANY

- quartz, chalcedony, silicification
- faults, fractures
- FeOx
- BARITE
- sulfide
- calcite, carbonate
- argillization, white clays
- propylitization
- potassic alteration
- chlorite, chloritic clays

ROSEBUD PROJECT
DIAMOND DRILL LOG

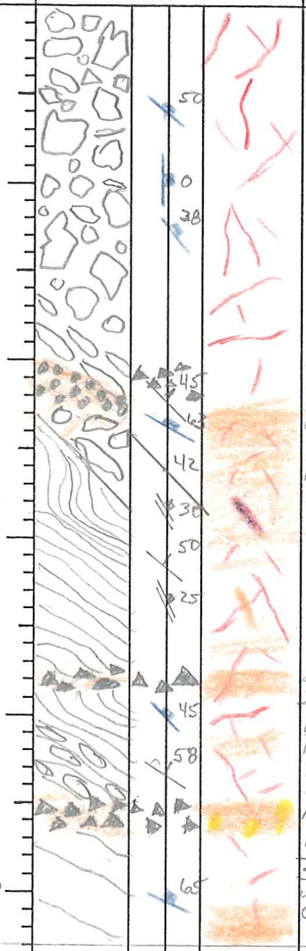
HOLE NUMBER	D-256-98	LOCATION	STOPE ACCESS 13, SOUTH	REMARKS	
PAGE 1 OF 2		NORTHING			
DATE	07/19/98	EASTING			
LOGGED BY	ALLYN NILES	ELEVATION			
SCALE	1" = 10'	AZIMUTH	S20W		
TOTAL DEPTH	103'	INCLINATION	+35°		

REC	RQD	LITHOLOGY	FT	GRAPHIC LOG	STRUCTURE	ALTERATION AND MINERALIZATION
0.0 – 103.0 PINK MATRIX BRECCIA		0.0 – 75.5 ANGULAR TO ROUND, MONOLITHIC, APHANITIC FRAGS TO 2.5" Ø OR MORE, USUALLY VERY LT. GRAY TO WHITE. MATRIX IS VERY FINE GRAIN, PINK VOLCANIC CLAY. OCCASIONAL ZONES WHERE ELONGATED CLASTS ARE DOMINANT, THERE IS A PREFERRED ORIENTATION OF THESE CLASTS.	0 10 20 30 40 50	PINKA PINKA 60 50 15 60 37 0 38 38 38 40 38 52	0.0 – 103.0 VERY FRACTURED, VERY LOW TO NO R.Q.D. THREE BASIC FRACTURE ORIENTATIONS TO CORE AXIS: 0°; 35°; 60°. 46.0 – 47.5 FAULT BRECCIA? VERY BROKEN UP, RUBBLE, ROUND FRAGS IN GRAY CLAY.	0.0 – 33.4 VEINS & FRACTURE FILLINGS OF WHITE & BLACK CLAY, WHITE TO DARK, OFTEN POWDERY CALCITE, CRUSTS, AGGREGATES & CONCENTRATED ZONES OF CUBIC & PYRITOHEDRAL PYRITE, BLADED MARCASITE. WEAK ARGILLIC ALT. IS PERVASIVE, UNLESS NOTED OTHERWISE. 21.8 – 47.5 SOME BLACK CLAY FORMS BLUE STAIN WHEN EXPOSED TO WATER AND/OR HCl. 33.4 – 47.5 SAME DESCRIPTION AS 0.0 – 33.4 EXCEPT NO CALCITE OBSERVED. 0.0 – 24.0 DISSEMINATED PYRITE IS MODERATE. SOME ASSOC. DISSEM.-LIKE BLADED MARCASITE 46.0 – 47.5 DK. CLAY W/ BLUE STAIN COMMON

ANALYTICAL DATA

FROM	TO	W	Au	Ag	Au2	Ag2
0.0	2.0					
2.0	4.0					
4.0	6.0					
6.0	8.0					
8.0	10.0					
10.0	12.0					
12.0	14.0					
14.0	16.3					
16.3	19.0					
19.0	22.0					
22.0	24.0					
24.0	26.0					
26.0	28.0					
28.0	30.0					
30.0	33.0					
33.0	37.5					
37.5	39.5					
39.5	42.0					
42.0	43.5					
43.5	46.0					
46.0	47.5					
47.5	50.5					

HOLE NUMBER D-256-98 PAGE 2 OF 2

LITH.	OX/RED.	LITHOLOGY	FT	GRAPHIC LOG	STRUCTURE	ALTERATION AND MINERALIZATION
0.0 – 103.0 PINK MATRIX BRECCIA		0.0 – 75.5 SEE DESCRIPTION PAGE 1	60 60 70 80 90 100 110 120			47.5 – 103.0 MOD. VEIN COMPOSED OF WHITE, SOFT CLAY W/ BLADED MARCASITE VEINS.
75.5 – 103.0 LBT ??		75.5 – 103.0 PINK TO VERY LT. GRAY, APHANITIC, FLOW BANDED AT BOTTOM GRADING INTO LAPILLI RICH FLOW 90.0 – 94.5 THEN INTO A MORE MASSIVE, WEAKLY BANDED FLOW AFTER THE FAULT ZONE PIMIA →			70.0 – 71.5 2 SMALL FAULTS, ~.3' Ø W/ SMALL BXA FRAGS IN SOFT CLAY 75.5 CONTACT W/ FLOW UNIT 87.8 – 88.8 POSSIBLE FAULT – SMALL ROUND FRAGS AND POSSIBLY PIECES OF SULFIDE VEINS IN A SOFT, PUNKY CLAY MATRIX 95.0 – 97.0 FAULT ZONE SMALL ROUND FRAGS, SOME W/ SILICA REP, CRUSHED QUARTZ & SULFIDES.	75.5 – 80.0 MOD. → STRONG ARG. ALT 76.5 – 101.0 YELLOW COLORATION TO SOME WHITE CLAY IN VEINS – "DOCKS BUTTER" EFFECT. 87.8 – 88.8 VERY STRONG ARGILLIC ALT. 95.0 – 97.0 HETEROLITHIC NATURE OF BXA FRAGS INDICATES HYDROTHERMAL BRECCIA 101.0 – 103.0 MOD ARGILLIC ALT.
		T.D. 103				

ANALYTICAL DATA

FROM	TO	W	Au	Ag	Au2
50.5	52.5				
52.5	56.0				
56.0	58.5				
58.5	60.5				
60.5	62.0				
62.0	65.0				
65.0	68.5				
68.5	72.0				
72.0	75.5				
75.5	78.3				
78.3	81.5				
81.5	84.8				
84.8	86.5				
86.5	89.0				
89.0	92.5				
92.5	94.0				
94.0	97.0				
97.0	101.0				
101.0	103.0				

HECLA MINING COMPANY – ROSEBUD PROJECT
GEOTECHNICAL DRILL LOG

HOLE # D-256-98 DATE: 07/19/98 LOGGED BY: HBM PAGE 1 OF 4

DRILL RUN		SOLID CORE RECOVERY (%)	TOTAL CORE RECOVERY (%)	RQD	ROCK STRENGTH		FRACTURE DATA				DENSITY DATA			
FROM	TO				DOWNHOLE DEPTH	POINT LOAD INDEX (psi)	FRACTURE DENSITY /FT.	AVG. ANGLE TO C.A.	ROUGHNESS	INFILL	DOWNHOLE DEPTH	SAMPLE WEIGHT (g)	DISPLACEMENT (cc)	DENSITY (g/cc)
0.0	4.0	96.0	100.0	0										
4.0	6.0	70.0	75.0	0										
6.0	7.0	100.0	110.0	0										
7.0	10.0	50.0	93.0	0										
10.0	11.5	65.0	66.7	0										
11.5	12.0	140.0	140.0	0										
12.0	13.0	90.0	90.0	0										
13.0	15.5	120.0	120.0	56.0										
15.5	19.0	88.6	88.6	45.7										
19.0	23.0	52.5	77.5	0										
23.0	24.0	70.0	80.0	40.0										

HECLA MINING COMPANY – ROSEBUD PROJECT
GEOTECHNICAL DRILL LOG

HOLE # D-256-98 DATE: 07/19/98 LOGGED BY: HSM PAGE 2 OF

DRILL RUN		SOLID CORE RECOVERY (%)	TOTAL CORE RECOVERY (%)	RQD	ROCK STRENGTH		FRACTURE DATA				DENSITY DATA			
FROM	TO				DOWNHOLE DEPTH	POINT LOAD INDEX (psi)	FRACTURE DENSITY /FT.	AVG. ANGLE TO C.A.	ROUGHNESS	INFILL	DOWNHOLE DEPTH	SAMPLE WEIGHT (g)	DISPLACEMENT (cc)	DENSITY (g/cc)
24.0	28.0	75.0	100.0	0										
28.0	33.0	96.0	96.0	48.0										
33.0	37.5	90.0	95.6	17.8										
37.5	42.0	90.0	93.3	8.9										
42.0	43.5	93.3	93.3	33.3										
43.5	46.0	90.0	92.0	20.0										
46.0	47.5	20.0	60.0	0										
47.5	52.5	70.0	86.0	20.0										
52.5	56.0	83.0	88.6	11.4										
56.0	58.5	100.0	104.0	0										
58.5	60.5	95.0	95.0	25.0										
60.5	62.0	82.4	113.3	0										

HECLA MINING COMPANY – ROSEBUD PROJECT
GEOTECHNICAL DRILL LOG

HOLE # D-256-98 DATE: 07/19/98 LOGGED BY: HBM / ASW PAGE 3 OF 4

DRILL RUN FROM	DRILL RUN TO	SOLID CORE RECOVERY (%)	TOTAL CORE RECOVERY (%)	RQD	ROCK STRENGTH DOWNHOLE DEPTH	ROCK STRENGTH POINT LOAD INDEX (psi)	FRACTURE DATA FRACTURE DENSITY /FT.	FRACTURE DATA AVG. ANGLE TO C.A.	FRACTURE DATA ROUGHNESS	FRACTURE DATA INFILL	DENSITY DATA DOWNHOLE DEPTH	DENSITY DATA SAMPLE WEIGHT (g)	DENSITY DATA DISPLACEMENT (cc)	DENSITY DATA DENSITY (g/cc)
62.0	65.0	60.0	83.3	0										
65.0	68.5	85.7	91.4	0										
68.5	72.0	57.0	91.4	0										
72.0	75.5	68.5	88.6	11.4										
75.5	76.5	0	113.0	0										
76.5	81.5	80.0	100.0	0										
81.5	86.5	74.0	100.0	10.0										
86.5	90.5	50.0	85.0	0										
90.5	92.5	60.0	90.0	30.0										
92.5	96.5	30.0	87.5	0										
96.5	97.5	0	100.0	0										

HECLA MINING COMPANY – ROSEBUD PROJECT
GEOTECHNICAL DRILL LOG

HOLE # D-256-98 DATE: 07/19/98 LOGGED BY: HDM PAGE 4 OF 4

DRILL RUN		SOLID CORE RECOVERY (%)	TOTAL CORE RECOVERY (%)	RQD	ROCK STRENGTH		FRACTURE DATA				DENSITY DATA			
FROM	TO				DOWNHOLE DEPTH	POINT LOAD INDEX (psi)	FRACTURE DENSITY/FT.	AVG. ANGLE TO C.A.	ROUGHNESS	INFILL	DOWNHOLE DEPTH	SAMPLE WEIGHT (g)	DISPLACEMENT (cc)	DENSITY (g/cc)
97.5	101.0	62.8	100.0	0										
101.0	103.0	25.0	90.0	0										
	TD													

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 0049799-IN
INVOICE DATE: 08/06/98

INVOICE TO:
THE ROSEBUD MINING CO., LLC
HECLA MINING COMPANY, OPERATOR
P.O. BOX 2610
WINNEMUCCA NV 89446

THE ROSEBUD MINING CO., LLC
HECLA MINING COMPANY, OPERATOR
P.O. BOX 2610
WINNEMUCCA NV 89446

CUSTOMER P.O.	PROJECT	TERMS
D-256-98	DEVELOPMENT	NET 30 - DUE IN U.S. DOLLARS

QUANTITY	DESCRIPTION	PRICE	AMOUNT
42	SAMPLES RECEIVED	.00	.00
41	JAW CRUSHING CHARGE	1.30	53.30
41	COARSE MILLING CHARGE	4.50	184.50
41	SPLITTING CHARGE	2.40	98.40
41	RING MILLING CHARGE	2.00	82.00
42	Au (1 A.T. FIRE ASSAY)	8.00	336.00
3	Au ANALYSES/GRAVIMETRIC	8.75	26.25
42	HYDROCHLORIC/NITRIC DIGESTION	2.00	84.00
42	Ag ANALYSES	1.00	42.00
5	Ag (ore grade) ANALYSES	5.00	25.00

4200-13-9999-477
KA

NET INVOICE	931.45
LESS DISCOUNT:	186.29
FREIGHT:	.00
INVOICE TOTAL:	745.16

xAMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP049799

American Assay Laboratories

PO BOX 11530
RENO NV,USA
Ph.(702) 356-0606, Fax.(702) 356-1413

HECLA MINING COMPANY

COPIES TO : KURT ALLEN

:

:

:

CLIENT REFERENCE No: D-256-98 RECEIVED : 24 JUL 1998

No. SAMPLES : 42 REPORTED : 5 AUG 1998

MAIN SAMPLE TYPE : DRILL CORE

NEVADA LEGISLATIVE DISCLAIMER :-
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 geological 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.

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

SIGNATORY : Susan King M.S.

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP049799

American Assay Laboratories

CLIENT : HECLA MINING COMPANY
PROJECT : ROSEBUD DEVELOPMENT
REFERENCE : D-256-98

REPORTED : 5 AUG 1998

SAMPLES	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	AuGRAV GRAV OPT	Ag(OZ) D210 OPT
D-256-98 00-02	0.037			0.25
D-256-98 02-04	0.073		0.090	0.69
D-256-98 04-06	0.011			1.22
D-256-98 06-08	0.074		0.079	2.23
D-256-98 08-10	0.010			0.26
D-256-98 10-12	0.010			0.14
D-256-98 12-14	0.010			0.29
D-256-98 14.0-16.3	0.008			0.23
D-256-98 16.3-19.0	0.003			0.96
D-256-98 19-22	0.026			1.42
D-256-98 22-24	0.028			0.74
D-256-98 24-26	0.085		0.139	1.16
D-256-98 26-28	0.042			3.33
D-256-98 28-30	0.019			1.21
D-256-98 30-33	0.004			0.36
D-256-98 33.0-37.5	0.007			0.35
D-256-98 37.5-39.5	0.036			5.48
D-256-98 39.5-42.0	0.009			1.55
D-256-98 42.0-43.5	0.004			0.12
D-256-98 43.5-46.0	0.009			0.22
D-256-98 46.0-47.5	0.039			1.37
D-256-98 47.5-50.5	0.011			0.36
D-256-98 50.5-52.5	0.004			0.10
D-256-98 52.5-56.0	0.004			0.24
D-256-98 56.0-58.5	0.004			0.11

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP049799

American Assay Laboratories

CLIENT : HECLA MINING COMPANY
PROJECT : ROSEBUD DEVELOPMENT
REFERENCE : D-256-98

REPORTED : 5 AUG 1998

SAMPLES	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	AuGRAV GRAV OPT	Ag(OZ) D210 OPT
D-256-98 58.5-60.5	0.006			0.18
D-256-98 60.5-62.0	0.015			0.23
D-256-98 62-65	0.033			0.16
D-256-98 65.0-68.5	0.005			0.09
D-256-98 68.5-72.0	0.009			2.35
D-256-98 72.0-75.5	0.009			0.17
D-256-98 75.5-78.3	0.009			0.14
D-256-98 78.3-81.5	0.008			0.15
D-256-98 81.5-84.8	0.008			0.12
D-256-98 84.8-86.5	0.007			0.10
D-256-98 86.5-89.0	0.006			0.13
D-256-98 89.0-92.5	0.002			0.08
D-256-98 92.5-94.0	0.003			0.10
D-256-98 94-97	0.008			0.11
D-256-98 97-101	0.004			0.08
D-256-98 101-103	0.006			0.08
34479	0.116			2.94

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ANALYSIS REPORT SP049799

American Assay Laboratories

PO BOX 11530
RENO NV,USA
Ph.(702) 356-0606, Fax.(702) 356-1413

HECLA MINING COMPANY

COPIES TO : KURT ALLEN
:
:
:

CLIENT REFERENCE No: D-256-98 RECEIVED : 24 JUL 1998

No. SAMPLES : 42 REPORTED : 5 AUG 1998

MAIN SAMPLE TYPE : DRILL CORE

NEVADA LEGISLATIVE DISCLAIMER :-
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 geological 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.

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

SIGNATORY : Susan King M.S.

ANALYSIS REPORT SP049799

American Assay Laboratories

CLIENT : HECLA MINING COMPANY
PROJECT : ROSEBUD DEVELOPMENT
REFERENCE : D-256-98

REPORTED : 5 AUG 1998

SAMPLES	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	AuGRAV GRAV OPT	Ag(OZ) D210 OPT
D-256-98 00-02	0.037			0.25
D-256-98 02-04	0.073		0.090	0.69
D-256-98 04-06	0.011			1.22
D-256-98 06-08	0.074		0.079	2.23
D-256-98 08-10	0.010			0.26
D-256-98 10-12	0.010			0.14
D-256-98 12-14	0.010			0.29
D-256-98 14.0-16.3	0.008			0.23
D-256-98 16.3-19.0	0.003			0.96
D-256-98 19-22	0.026			1.42
D-256-98 22-24	0.028			0.74
D-256-98 24-26	0.085		0.139	1.16
D-256-98 26-28	0.042			3.33
D-256-98 28-30	0.019			1.21
D-256-98 30-33	0.004			0.36
D-256-98 33.0-37.5	0.007			0.35
D-256-98 37.5-39.5	0.036			5.48
D-256-98 39.5-42.0	0.009			1.55
D-256-98 42.0-43.5	0.004			0.12
D-256-98 43.5-46.0	0.009			0.22
D-256-98 46.0-47.5	0.039			1.37
D-256-98 47.5-50.5	0.011			0.36
D-256-98 50.5-52.5	0.004			0.10
D-256-98 52.5-56.0	0.004			0.24
D-256-98 56.0-58.5	0.004			0.11

AMERICAN ASSAY LABORATORIES

ANALYSIS REPORT SP049799

American Assay Laboratories

CLIENT : HECLA MINING COMPANY
PROJECT : ROSEBUD DEVELOPMENT
REFERENCE : D-256-98

REPORTED : 5 AUG 1998

SAMPLES	Au(OZ) FA30 OPT	Au(RZ) FA30 OPT	AuGRAV GRAV OPT	Ag(OZ) D210 OPT
D-256-98 58.5-60.5	0.006			0.18
D-256-98 60.5-62.0	0.015			0.23
D-256-98 62-65	0.033			0.16
D-256-98 65.0-68.5	0.005			0.09
D-256-98 68.5-72.0	0.009			2.35
D-256-98 72.0-75.5	0.009			0.17
D-256-98 75.5-78.3	0.009			0.14
D-256-98 78.3-81.5	0.008			0.15
D-256-98 81.5-84.8	0.008			0.12
D-256-98 84.8-86.5	0.007			0.10
D-256-98 86.5-89.0	0.006			0.13
D-256-98 89.0-92.5	0.002			0.08
D-256-98 92.5-94.0	0.003			0.10
D-256-98 94-97	0.008			0.11
D-256-98 97-101	0.004			0.08
D-256-98 101-103	0.006			0.08
34479	0.116			2.94

AMERICAN ASSAY LABORATORIES

PROVISIONAL REPORT SP049799

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HECLA MINING COMPANY

COPIES TO : KURT ALLEN

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CLIENT REFERENCE No: D-256-98 RECEIVED : 24 JUL 1998

No. SAMPLES : 42 REPORTED : 5 AUG 1998

MAIN SAMPLE TYPE : DRILL CORE

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

SIGNATORY : Susan King M.S.

AMERICAN ASSAY LABORATORIES

PROVISIONAL REPORT SP0439799

CLIENT : HECLA MINING COMPANY
PROJECT : ROSEBUD DEVELOPMENT
REFERENCE : D-256-98

REPORTED : 5 AUG 1998

SAMPLES	Au(OZ)	Au(RZ)	AuGRAV	Ag(OZ)
D-256-98 00-02	0.037			0.25
D-256-98 02-04	0.073		0.090	0.69
D-256-98 04-06	0.011			1.22
D-256-98 06-08	0.074		0.079	2.23
D-256-98 08-10	0.010			0.25
D-256-98 10-12	0.010			0.14
D-256-98 12-14	0.018			0.29
D-256-98 14.0-16.3	0.008			0.23
D-256-98 16.3-19.0	0.003			0.96
D-256-98 19-22	0.026			1.42
D-256-98 22-24	0.028			0.74
D-256-98 24-26	0.085		0.139	1.16
D-256-98 26-28	0.042			3.33
D-256-98 28-30	0.019			1.21
D-256-98 30-33	0.004			0.36
D-256-98 33.0-37.5	0.007			0.35
D-256-98 37.5-39.5	0.036			5.48
D-256-98 39.5-42.0	0.009			1.55
D-256-98 42.0-43.5	0.004			0.12
D-256-98 43.5-46.0	0.009			0.22
D-256-98 46.0-47.5	0.039			1.37
D-256-98 47.5-50.5	0.011			0.36
D-256-98 50.5-52.5	0.004			0.10
D-256-98 52.5-56.0	0.004			0.24
D-256-98 56.0-58.5	0.004			0.11

AMERICAN ASSAY LABORATORIES

PROVISIONAL REPORT SP049799

CLIENT : HECLA MINING COMPANY
PROJECT : ROSEBUD DEVELOPMENT
REFERENCE : D-256-98

REPORTED : 5 AUG 1998

SAMPLES	Au(OZ)	Au(RZ)	AuGRAV	Ag(OZ)
D-256-98 58.5-60.5	0.006			0.18
D-256-98 60.5-62.0	0.015			0.23
D-256-98 62-65	0.033			0.16
D-256-98 65.0-68.5	0.005			0.09
D-256-98 68.5-72.0	0.009			2.35
D-256-98 72.0-75.5	0.009			0.17
D-256-98 75.5-78.3	0.009			0.14
D-256-98 78.3-81.5	0.008			0.15
D-256-98 81.5-84.8	0.008			0.12
D-256-98 84.8-86.5	0.007			0.10
D-256-98 86.5-89.0	0.006			0.13
D-256-98 89.0-92.5	0.002			0.08
D-256-98 92.5-94.0	0.003			0.10
D-256-98 94-97	0.008			0.11
D-256-98 97-101	0.004			0.08
D-256-98 101-103	0.006			0.08
34479	0.116			2.94

SP

SUBMITTAL FORM

American Assay Laboratories

Geochemical • Environmental • Metallurgical

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Company: ROSEBUD MINING CO LLC

Address: PO. BOX 2610

City WINNEMUCCA State NV Zip 89446

Telephone Number: (702) 623-6912 Fax Number: (702) 623-6967

Project Name: DEVELOPMENT Purchase Order Number:

Date Submitted: 7/23/98 Number of Samples: 41

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

SAMPLE IDENTIFICATION			TYPE	ELEMENTS REQUIRED
D-256-98			CORE	AU-AG ACCORDING TO
0-2	30-33	65-68.5		ROSEBUD MINE PROTOCOL
2-4	33-37.5	68.5-72		
4-6	37.5-39.5	72-75.5		
6-8	39.5-42	75.5-78.3		
8-10	42-43.5	78.3-81.5		
10-12	43.5-46	81.5-84.8		
12-14	46-47.5	84.8-86.5		
14-16.3	47.5-50.5	86.5-89		
16.3-19	50.5-52.5	89-92.5		
19-22	52.5-56	92.5-94		
22-24	56-58.5	94-97		
24-26	58.5-60.5	97-100		
26-28	60.5-62	101-103		
28-30	62-65			

COARSE REJECTS (Normally Discarded After 60 Days)

[ ] Return COD after analysis complete

PULPS (Normally Stored Free For One Month)

[ ] Discard after one month
[ ] Return COD after one month

RESULTS AND INVOICES TO BE SENT TO:

Invoice to:

KURT ALLEN

Results to:

KURT ALLEN

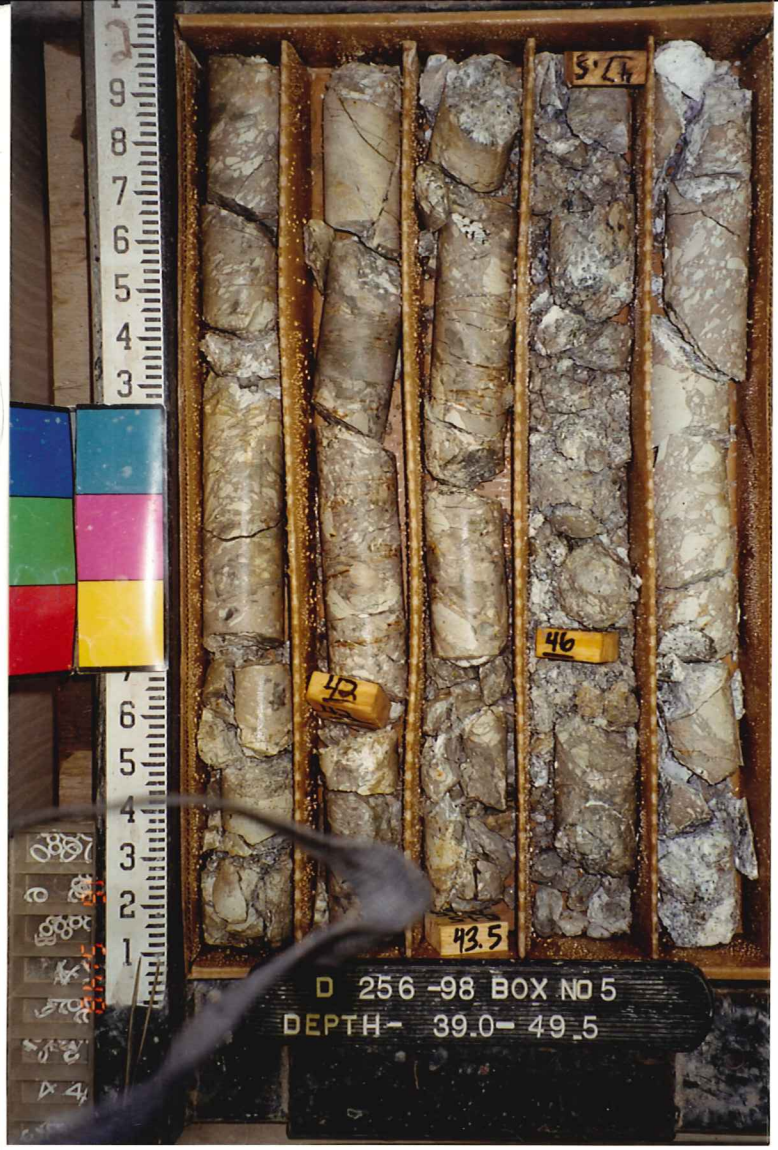
Comments:

CLIENT FILE COPY

D 256 -98 BOX NO 2
DEPTH- 10.0- 19.5

D 256 -98 BOX NO 1
DEPTH- 0.0- 10.0

D 256 -98 BOX NO 3
DEPTH- 19.5- 29.5


D 256 -98 BOX NO 5
DEPTH- 39.0- 49.5
42
46
43.5

D 256 -98 BOX NO
DEPTH- 29.5- 39.04
33
37.5

D 256 -98 BOX NO 6
DEPTH- 49.5- 59.0
55.5
56
58.5

D 256 -98 BOX NO 8
DEPTH- 69.0- 78.5

D 256 -98 BOX NO 7
DEPTH- 59.0- 69.0

D 256 -98 BOX NO 9
DEPTH- 78.5- 87.0

97.5
101
D 256 -98 BOX NO 11
DEPTH- 96.5 - 103. TD

96.5
92.5
90.5
D 256 -98 BOX NO 10
DEPTH- 87.0- 96.5

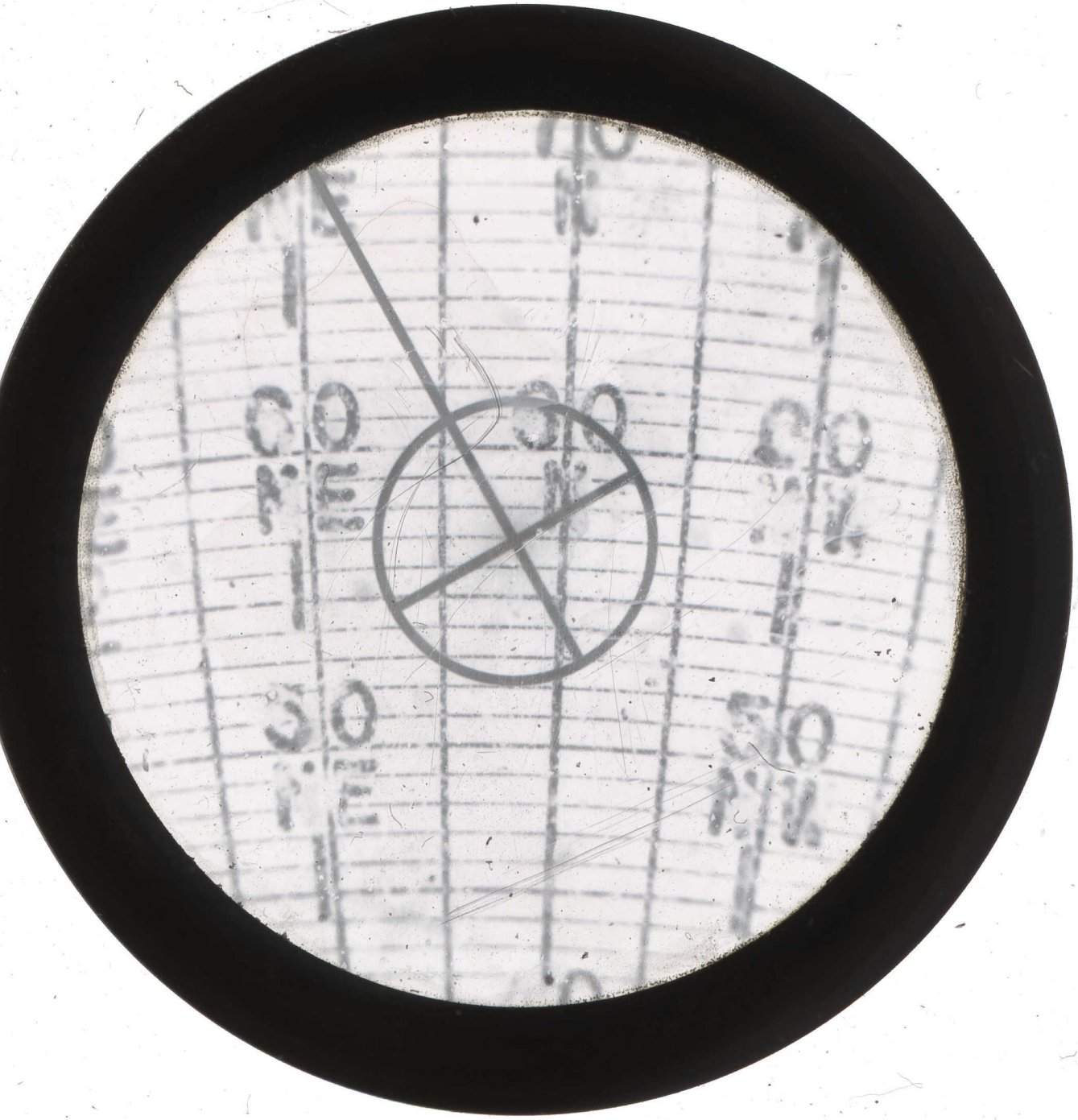
SINGLE SHOT
PHOTO DISC RECORD

COMPANY Hecla
WELL NAME D-256-96
LEASE
TAKEN BY
DEPTH Collar
DATE 5-15-96
DRIFT ANGLE +35°
DIRECTION
TYPE
JOB NO.
HI-1408

70
60
50
50
60
70

SINGLE SHOT
PHOTO DISC RECORD

COMPANY Hecla
WELL NAME D-256-98
LEASE
TAKEN BY
DEPTH 50'
DATE 5-15-98
DRIFT ANGLE +35°
DIRECTION
TYPE
JOB NO.
HI-1408



SINGLE SHOT
PHOTO DISC RECORD

COMPANY Hecla
WELL NAME D-256-98
LEASE
TAKEN BY
DEPTH 103'
DATE 5-15-98
DRIFT ANGLE +35°
DIRECTION
TYPE
JOB NO.
HI-1408