60000790

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. MW-4
AUTHOR	C Muerhoff; S King; J. Frank
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; Hecla Mining Co.; Rosebud Project Hecla-Rosebud
COMMODITY If not obvious	gold; silver
NOTES	drill logs; geology; assay; total depth 425' receipt; handwritten notes; location maps 19 p.

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 4/30/08
Initials Date

DB:
Initials Date

SCANNED:
Initials Date

Revised: 1/22/08

MW-4 - VALLEY TARGET -
CONDEMNATION DRILLING

6060 0790
4010

6000 0790

MONITORING WELL INSTALLATION SHEET

JOB NO. Hecla Rosebud

PIEZOMETER NO. P- MW-4

LOCATION: SE 1/4, NE 1/4, SEC 24, T34N, R29E

DATE OF INSTALLATION: 5/13/94

TOTAL DEPTH: 425'

PIEZOMETER TYPE: observation well

ELEVATION OF THE PIPE TOP: 5075.0'

ELEVATION OF THE TIP:

ELEVATION OF THE GROUND SURFACE: 5072.7'

WATER LEVEL AT COMPLETION:
DEPTH (FT.): 60
ELEVATION (FT.): 5012.7'

FLUSHING OF THE HOLE: Airlift developement

PROTECTION STEEL CASING:
O. D.: 6"
FROM: -2.0
TO: +2.0

CLIENT: Hecla

DRILLING CONTRACTOR: Humbolt Drilling

FIELD ENGINEER: Joe Frank

DRILLING SYSTEM: RC

DRILLING TOOLS: 5 1/2 hammer

PIPE MATERIAL: PVC O.D. 2" I.D.
Sch 80

LENGTH OF SECTIONS: 20'

JOINING METHOD: Screw

PERFORATION TYPE: 0.020 fact. Slot

SIZE OF SLOTS: 0.020 NO. OF SLOTS: —

PERFORATED AREA: 20'

NON PERFORATED PIPES: FROM: +2.0 TO: 4/18

PERFORATED PIPES: FROM: 400 TO: 420

GRAVEL PACK: FROM: 377 TO: 425

TYPE AND DEPTH OF SEALING: bentonite
377 - 379'

HYDRO-GEO CONSULTANTS

FIELD PERMEABILITY TEST

Falling/Rising Head

Project Rose [illegible]
Tested By [illegible] Date 5/14/94
Project No.
Calculated By Date
Boring No. MW-4
Checked By Date
Type of Test (Falling/Rising) Rising head
Diameter of Boring 5 1/2"
Permeability, K
Diameter of Casing 2" sch. 80
Height of Casing (Ref. Level)
Above Ground Surface 3.4'
Filling/Pumping From: ____ To: ____
Perforated Casing From: 400 To: 420
Type of Perforation 0.020"
Depth to Ground Water From
Top of Casing SWL - 63.3 (TOC)
Filling/Pumping Rate ____ gpm

Date and Time	Elapsed Time (Min.)	Depth to Water (ft.) (TOC)	S.W.L. - Depth to Water (ft.) H	H/Ho
4:16:30	0	± 400		
4:21:54	5	72.6		
4:23:10	6.7	70.0		
4:24:10	7.7	69.6		
4:25:10	8.7	69.1		
4:26:10	9.7	68.9		
4:27:10	10.7	68.6		
4:28:10	11.7	68.4		
4:33:10	16.7	67.95		
4:38:10	21.7	67.50		
4:43:10	26.7	67.25		
4:48:10	31.7	67.20		
5/9 9:07:00	969.5	63.3		

COMMENTS: After pumping or addition of water, water level measurements should be recorded as follows: t = 0, t = 30 sec/5 min, t = 1 min/10 min, t= 5 min/15 min, t = 30 min/ 1-1/2 hr, t = 1 hr/until WL = +/- 90% SWL.

OWNER: Hecla

PROJECT: Rosebud - PERSHING COUNTY NV

LOCATION: SE ¼ NE ¼ SEC 26 T36N R29E

COORDINATES N. 2203626.4 E. 479439.4 ELEV. 5072.7

BORING NO. MW-4

TYPE OF DRILLING: RC

ANGLE FROM HORIZONTAL: 90

PAGE 1 OF 3

ELEVATION	DEPTH	GRAPHIC LOG	DESCRIPTION OF ROCK MATERIAL	DESCRIPTION OF ROCK DEFECTS	Well Const.	CORE RECOVERY (%)	RQD (%) 25 50 75	FRACTURES PER FOOT 3 9 27	WEATHERING (SEE BELOW)	STRENGTH (SEE BELOW)	OTHER DATA: SAMPLE INTERVAL	ANALYSIS Au (opt)	ANALYSIS Ag (opt)	Au check 25273
			Brn Colluv.								0'-10'	<.001	.03	
			Brn tuff weathered dump	Cement seal							10'-20'	<.001	.03	
	20										20'-30'	<.001	<.02	
											30'-40'	<.001	<.02	
	40		Lt grn-gry, tuff slt. frac. dry								40'-50'	<.001	<.02	
				Silica gravel backfill							50'-60'	<.001	<.02	
	60										60'-70'	<.001	<.02	
											70'-80'	<.001	<.02	<.001
	80										80'-90'	<.001	<.02	
											90'-100'	<.001	<.02	
	100										100'-110'	<.001	<.02	
											110'-120'	<.001	<.02	
	120										120'-130'	<.001	<.02	
											130'-140'	.002	.02	
	140		Lt grn tuff w/cl								140'-150'	<.001	<.02	
			Lt grn tuff, pyr. slt frac								150'-160'	<.001	.02	
	160													

XW HW MM SW FR

VW W MS S VS

LOG OF BORING

HYDRO-GEO CONSULTANTS

OWNER: Hecla

PROJECT: Rosebud

LOCATION:

COORDINATES N. _____ E. _____ ELEV. _____

BORING NO. MW-4

TYPE OF DRILLING:

ANGLE FROM HORIZONTAL:

PAGE 2 OF 3

ELEVATION / DEPTH	GRAPHIC LOG	DESCRIPTION OF ROCK MATERIAL	DESCRIPTION OF ROCK DEFECTS	CORE RECOVERY (%)	RQD (%) 25 50 75	FRACTURES PER FOOT 3 9 27	WEATHERING (SEE BELOW)	STRENGTH (SEE BELOW)	OTHER DATA: SAMPLE INTERVAL	ANALYTICAL: Au (oz/t)	ANALYTICAL: Ag (oz/t)
		Lt grn tuff slt. pyr.							160'-170'	<.001	.04
									170'-180'	.001	.04
180		Lt grn tuff. slt frac. slt. pyr. moist	1st H_2O (190')						180'-190'	.003	.07
		Lt grn slt cly; pyr. wet	test#1 6gpm						190'-200'	.003	.14
200		Lt grn tuff slt brn. tuff pyr, wet							200'-210'	.003	.49
									210'-220'	.029	16.98
220									220'-230'	.014	3.23
			test#2 15gpm						230'-240'	.010	.95
240									240'-250'	.004	.25
			test#3 15gpm						250'-260'	.008	.24
260		as above w/ some cly. wht.							260'-270'	.018	.74
		Lt GRN tuff slt frac	test#4 33gpm						270'-280'	.004	.29
280		As above							280'-290'	.003	.66
300			test#5 43gpm						290'-300'	.003	.24
									300'-310'	.004	.23
									310'-320'	.077	5.68
320			test#6 50gpm								

Au check 265275

20' @ 0.022 Au 10.11 Ag

.027 .030

.003

10' 0.077 Au 5.68 Ag

.078 .076

XW HW MW SW FR

VW W MS S VS

LOG OF BORING

HYDRO-GEO CONSULTANTS

OWNER: Heck

PROJECT: Rosebud

LOCATION:

COORDINATES N. ____ E. ____ ELEV. ____

BORING NO. MW-4

TYPE OF DRILLING: RC

ANGLE FROM HORIZONTAL: 90

PAGE 3 OF 3

ELEVATION / DEPTH	GRAPHIC LOG	DESCRIPTION OF ROCK MATERIAL	DESCRIPTION OF ROCK DEFECTS	CORE RECOVERY (%)	RQD (%)	FRACTURES PER FOOT	WEATHERING (SEE BELOW)	STRENGTH (SEE BELOW)	OTHER DATA: SAMPLE INTERVAL	ANALYTICAL: Au (opt)	ANALYTICAL: Ag (opt)
									320'-330'	.007	.65
									330'-340'	.006	.12
340		Lt grn-brn tuff less pyr.	test #7 50gpm						340'-350'	.007	.23
		Ltgrn-gry sm pink Tuff. pyr.							350'-360'	.003	.13
360		Ltgry-grn tuff. dry pyr. slt fer.	test #8 55gpm						360'-370'	.003	.23
									370'-380'	.003	.13
380			test #9 60gpm						380'-390'	.007	.35
		as above some cly.							390'-400'	.004	.18
400			test #10 65gpm						400'-410'	.011	.34
		as above more H2O							410'-420'	.029	1.18
420			test #11 +75gpm						420'-425'	.010	.47
		TD 425									
430											

Gravel back fill

bentonite pellet seal

Sand filter pack

300#

2" Sch 80 blank casing

screen 2" Sch. 80 0.02

Au Check 255748

25' @ 0.017 Au 0.66 Ag

.027 .031

XW HW MM SW FR — VW W MS S VS

LOG OF BORING

HYDRO-GEO CONSULTANTS

MONITORING WELL INSTALLATION SHEET

JOB NO. Hecla Rosebud

PIEZOMETER NO. P- MW-4

LOCATION: SE 1/4, NE 1/4, SEC 24, T34N, R29E

DATE OF INSTALLATION: 5/13/94

TOTAL DEPTH: 425'

PIEZOMETER TYPE: observation well

ELEVATION OF THE PIPE TOP: 5075.0'

ELEVATION OF THE TIP:

ELEVATION OF THE GROUND SURFACE: 5072.7'

WATER LEVEL AT COMPLETION:
DEPTH (FT.): 60
ELEVATION (FT.): 5012.7'

FLUSHING OF THE HOLE: Air lift development

PROTECTION STEEL CASING:
O. D.: 6"
FROM: -2.0
TO: +2.0

CLIENT: Hecla

DRILLING CONTRACTOR: Humbolt Drilling

FIELD ENGINEER: Joe Frank

DRILLING SYSTEM: RC

DRILLING TOOLS: 5 1/2 hammer

PIPE MATERIAL: PVC O.D. 2" I.D.
Sch 80

LENGTH OF SECTIONS: 20'

JOINING METHOD: Screw

PERFORATION TYPE: 0.020 factory slot

SIZE OF SLOTS: 0.020 NO. OF SLOTS: —

PERFORATED AREA: 20'

NON PERFORATED PIPES: FROM: +2.0 TO: 418

PERFORATED PIPES: FROM: 400 TO: 420

GRAVEL PACK: FROM: 377 TO: 425

TYPE AND DEPTH OF SEALING: bentonite
377 - 370'

HYDRO-GEO CONSULTANTS

FIELD PERMEABILITY TEST

Falling/Rising Head

Project Rosebud Tested By JLE Date 5/14/94
Project No. ___ Calculated By ___ Date ___
Boring No. MW-4 Checked By ___ Date ___
Type of Test (Falling/Rising) Rising head
Diameter of Boring 5½" Permeability, K ___
Diameter of Casing 2" sch. 80
Height of Casing (Ref. Level)
Above Ground Surface 3.4' Filling/Pumping From: ___ To: ___
Perforated Casing From: 400 To: 420
Type of Perforation 0.020"
Depth to Ground Water From
Top of Casing SWL - 63.3 (TOC) Filling/Pumping Rate ___ gpm

	Date and Time	Elapsed Time (Min.)	Depth to Water (ft.) (TOC)	S.W.L. - Depth to Water (ft.) H	H/Ho
5/14/94	4:16:30	0	± 400		
	4:21:34	5	72.6		
	4:23:10	6.7	70.0		
	4:24:10	7.7	69.6		
	4:25:10	8.7	69.1		
	4:26:10	9.7	68.9		
	4:27:10	10.7	68.6		
	4:28:10	11.7	68.4		
	4:33:10	16.7	67.95		
	4:38:10	21.7	67.50		
	4:43:10	26.7	67.25		
	4:48:10	31.7	67.20		
5/15/94	9:07:00	969.5	63.3		

COMMENTS: After pumping or addition of water, water level measurements should be recorded as follows: t = 0, t = 30 sec/5 min, t = 1 min/10 min, t= 5 min/15 min, t = 30 min/ 1-1/2 hr, t = 1 hr/until WL = +/- 90% SWL.

OWNER: Hecla

PROJECT: Rosebud - PERSHING COUNTY NV

LOCATION: SE 1/4, NE 1/4, SEC 26, T34N, R29E

COORDINATES N. 2203626.4 E. 479439.4 ELEV. 5072.7

BORING NO. MW-4

TYPE OF DRILLING: RC

ANGLE FROM HORIZONTAL: 90

PAGE 1 OF 3

ELEVATION DEPTH	GRAPHIC LOG	DESCRIPTION OF ROCK MATERIAL	DESCRIPTION OF ROCK DEFECTS	Well Const.	CORE RECOVERY (%)	RQD. (%) 25 50 75	FRACTURES PER FOOT 3 9 27	WEATHERING (SEE BELOW)	STRENGTH (SEE BELOW)	OTHER DATA: SAMPLE INTERVAL	ANALYTICAL Au (opt)	ANALYTICAL Ag (opt)	Au Check 2338/3
		Brn Colluv.			X					0'-10'	<.001	.03	
				Cement seal	X								
		Brn tuff weathered damp			X					10'-20'	<.001	.03	
					X								
20					XX					20'-30'	<.001	<.02	
										30'-40'	<.001	<.02	
40		Lt grn-gry, tuff slt. frac. dry								40'-50'	<.001	<.02	
				Silica gravel backfill						50'-60'	<.001	<.02	
60										60'-70'	<.001	<.02	
										70'-80'	<.001	<.02	<.001
80										80'-90'	<.001	<.02	
										90'-100'	<.001	<.02	
100										100'-110'	<.001	<.02	
										110'-120'	<.001	<.02	
120										120'-130'	<.001	<.02	
										130'-140'	.002	.02	
140		Lt grn tuff w/cl								140'-150'	<.001	<.02	
		Lt grn tuff, pyr. slt frac.								150'-160'	<.001	.02	
160													

XW HW MM SW FR — VW W MS S VS

LOG OF BORING

HYDRO-GEO CONSULTANTS

OWNER: Hecla

PROJECT: Rosebud

LOCATION:

COORDINATES N. E. ELEV.

BORING NO. MW-4

TYPE OF DRILLING:

ANGLE FROM HORIZONTAL:

PAGE 2 OF 3

ELEVATION	DEPTH	GRAPHIC LOG	DESCRIPTION OF ROCK MATERIAL	DESCRIPTION OF ROCK DEFECTS	~~CORE RECOVERY~~ well (%)	RQD. (%) 25 50 75	FRACTURES PER FOOT 3 9 27	WEATHERING (SEE BELOW)	STRENGTH (SEE BELOW)	OTHER DATA: SAMPLE INTERVAL	ANALYTICAL Au (opt)	ANALYTICAL Ag (opt)	Au check 253275
			Lt grn tuff slt. pyr.							160'-170'	<.001	.04	
										170'-180'	.001	.04	
180			Lt grn tuff. slt frac. slt. pyr. moist	1st H_2O (190')						180'-190'	.003	.07	
			Lt grn slt cly & pyr. wet	test#1 6gpm						190'-200'	.003	.14	
200			Lt grn tuff slt brn. tuff pyr, wet							200'-210'	.003	.49	
										210'-220'	.029	16.98	.027 .030
220										220'-230'	.014	3.23	
				test#2 15gpm						230'-240'	.010	.95	
240										240'-250'	.004	.25	
				test#3 15gpm						250'-260'	.008	.24	
260			as above w/ some cly. wht.							260'-270'	.018	.74	
			Lt GRN tuff slt frac	test#4 33gpm						270'-280'	.004	.29	
280			As above							280'-290'	.003	.66	
300				test#5 43gpm						290'-300'	.003	.24	
										300'-310'	.004	.23	.003
320				test#6 50gpm						310'-320'	.077	5.68	.078 .076

XW HW MM SW FR

VW W MS S VS

LOG OF BORING

HYDRO-GEO CONSULTANTS

OWNER: Heck.

PROJECT: Rosebud

LOCATION:

COORDINATES N. E. ELEV.

BORING NO. MW-4

TYPE OF DRILLING: RC

ANGLE FROM HORIZONTAL: 90

PAGE 3 OF 3

ELEVATION / DEPTH	GRAPHIC LOG	DESCRIPTION OF ROCK MATERIAL	DESCRIPTION OF ROCK DEFECTS	CORE RECOVERY (%)	RQD (%)	FRACTURES PER FOOT	WEATHERING (SEE BELOW)	STRENGTH (SEE BELOW)	OTHER DATA: SAMPLE INTERVAL	ANALYTICAL: Au (opt)	ANALYTICAL: Ag (opt)
									320'-330'	.009	.65
		Lt grn-brn tuff less pyr.			Gravel back fill				330'-340'	.004	.12
340			test #7 50gpm								
		Ltgrn-gry sm pink Tuff. pyr.							340'-350'	.007	.23
		Ltgry-grn tuff. vry pyr. slt fer.			bentonite pellet seal				350'-360'	.003	.13
360			test #8 55gpm								
					Sand filter pack				300# 360'-370'	.003	.23
									370'-380'	.003	.13
380			test #9 60gpm								
		as above some cly.			2" Sch 80 blank casing				380'-390'	.007	.35
									390'-400'	.004	.18
400			test #10 65gpm								
		as above more H_2O							400'-410'	.011	.34
					Screen 2" Sch. 80 0.02				410'-420'	.029	1.18
420			test #11 +75gpm						420'-425'	.010	.47
		TD 425									
430											

Au check 25524's

.027
.031

XW HW MM SW FR

VW W MS S VS

LOG OF BORING

HYDRO-GEO CONSULTANTS

HECLA MINING COMPANY

COEUR D'ALENE, IDAHO 83814

BY	DATE	JOB TITLE	JOB NO.
CHK.	DATE		DIVISION
DWG. NO.			SHEET OF

RL-111C TD 957' 180° AZ BEARING -45° INCL.

0-65' Volc. bx w/in FGT - chocolate-like

65-177' FGT lithic poor

177-347' Volcanic or tectonic bx w/in lithic poor FGT

347-794.9' tectonically bx'iated FGT

794.9-812.3' Fault gouge & bx w/ Tcs - mudstone & m.g. lithic ss. - brown

812.3-957' Tcs interbedded or fault slivers of lt. grn FGT (DT?)

Significant Au/Ag Intervals

No Samples 0-142'

252-257'	5'	@	.039	.21
587-592'	5'	@	.012	.28
879-884'	5'	@	.034	<
907-912'	5'	@	.025	<
922-927	5'	@	.068	.11

RL-260 TD 800' -90°

0-27.5 Qal
27.5-135' Bx'd FGT
135-245' LTBx - CT
245-325' Fault bx'd LTBx
325-350' FGT
350-385' Bx'd LTBx
385-525' FGT slightly porphyritic
525-635 FGT - black carbon on seams - Tcs
635-675 Bx'd ? $CaCO_3$ vns in Tcs
675-787' Tcs
787-800' JTRa

40-45' 5' .023 .05

HECLA MINING COMPANY

COEUR D'ALENE, IDAHO 83814

BY	DATE	JOB TITLE	JOB NO.
CHK.	DATE		DIVISION
DWG. NO.			SHEET OF

RD-56 450' -90°

0-30 FGT

30-40' LTBx

40-450' granular to FGT

40-50' 2% diss + vn py

50-70' ±3% " "

70-150' 3-4% " "

150-200 2% " "

200-250 ±3% " "

250-300 2-3% " "

300-335 3-4% " "

335-400 2-3% " "

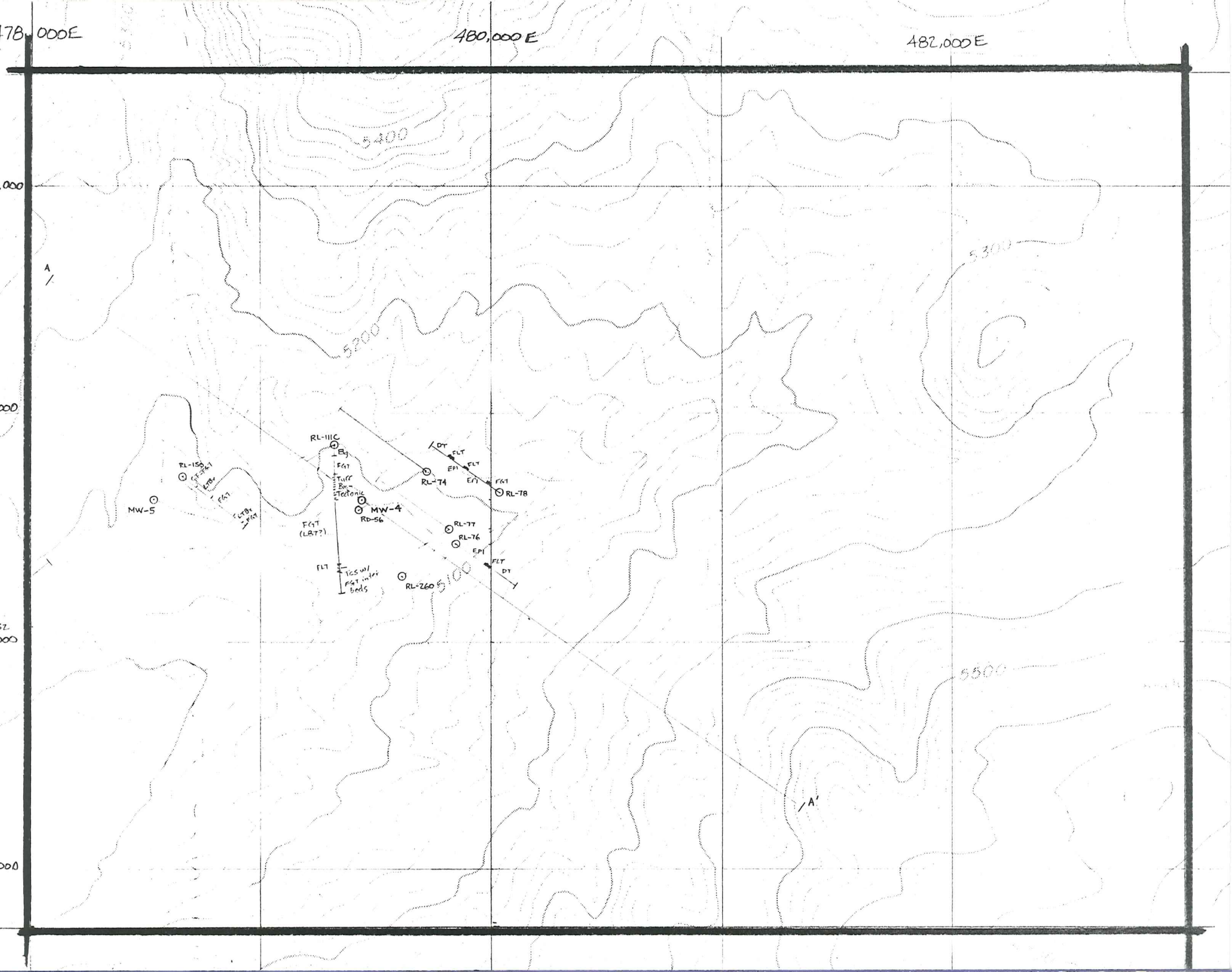
400-450 3-4% " "

30-40' limonite stain

80-180' drusy Q stkwk

55-60	S	.017	.26			
60-65	S	.004	.30			
65-70	S	.011	1.00			
70-75	S	.023	1.41			
75-80	S	.009	.57		.017	1.39
80-85	S	.012	1.55			
85-90	S	.032	2.41			
90-95	S	.006	.56			
95-100	S	.014	.15			
100-105	S	.014	<.10			

115-120	.008	1.31	115-125	.009	1.40
120-125	.009	1.48			
125-130	.006	.32			
145-150	.015	<			
230-235	.004	1.05			
285-290	.030	<	285-295	.046	<
290-295	.062	<			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MW-4
RD-56
RL-74
DT
FLT
EPI
FGT
RL-78
RL-77
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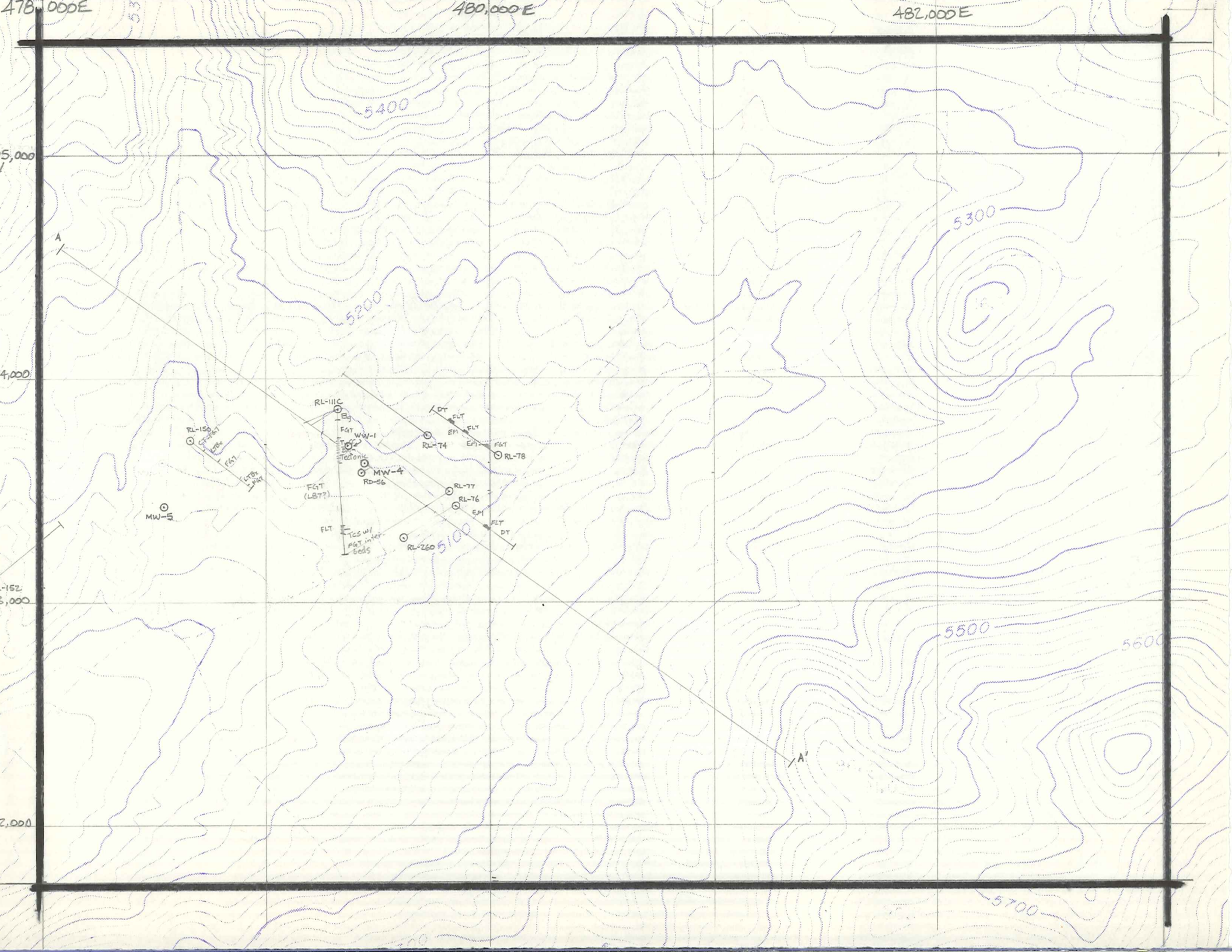
(LBT?)
FLT
TCS w/
FGT inter
beds
RL-150
MW-5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FGT
WW-1
Tectonic
MW-4
RD-56
RL-150
FGT
LTBx
FGT
MW-5
FGT
(LBT?)
FLT
TCS w/
FGT in ter-
beds
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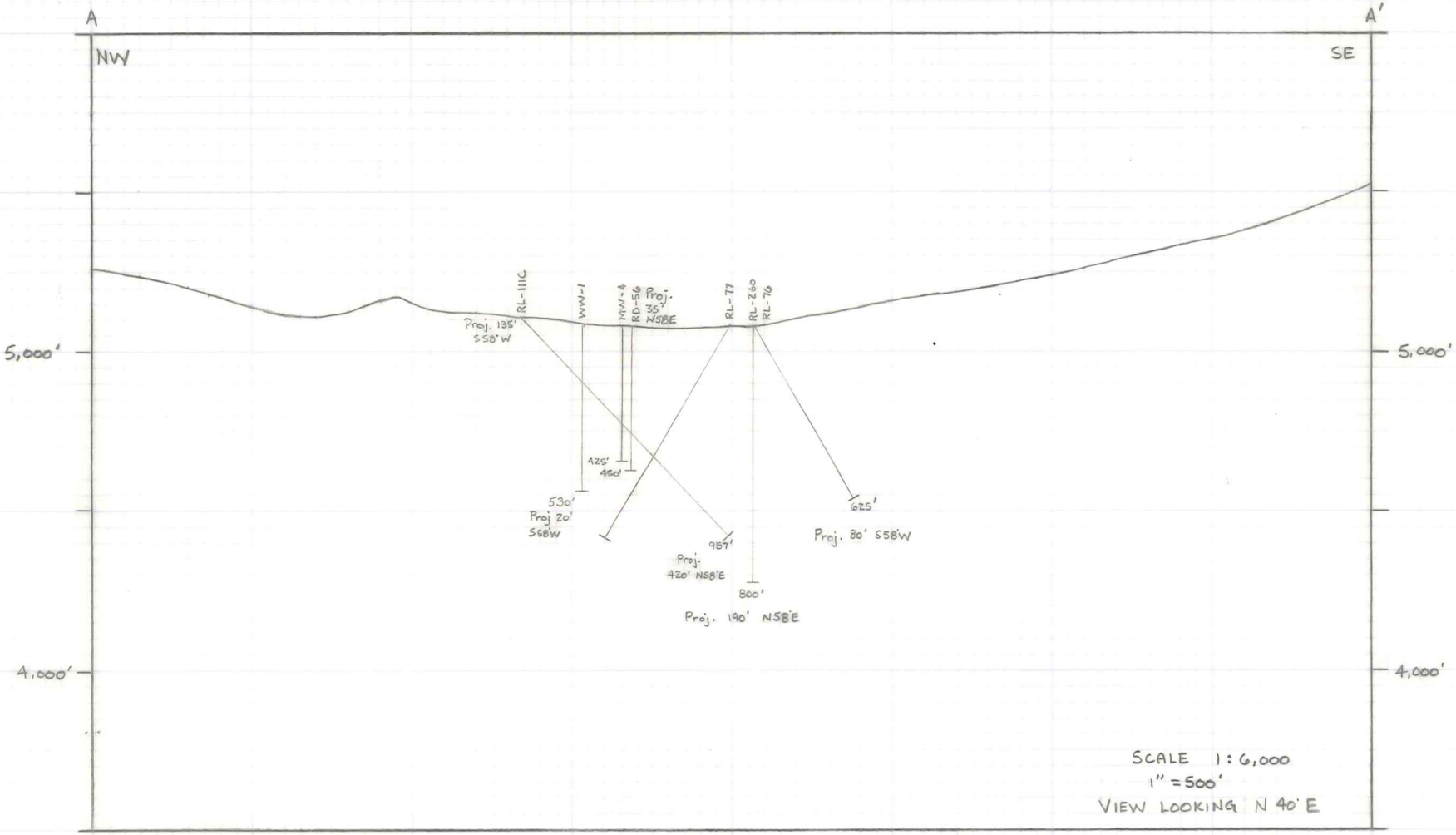
RL-74
DT
FLT
EPI
FLT
EPI
FGT
RL-78
RL-77
RL-76
EPI
FLT
DT


A
A'
NW
SE
5,000'
4,000'
RL-111C
WW-1
NW-4
RD-56
Proj. 35' N58E
RL-77
RL-280
RL-76
Proj. 135' S58'W
425'
460'
530'
Proj 20' S58W
957'
Proj. 420' N58'E
800'
Proj. 190' N58'E
625'
Proj. 80' S58'W
SCALE 1:6,000
1" = 500'
VIEW LOOKING N 40° E

ANALYSIS REPORT

American Assay Laboratories Inc.

RENO: 1500 Glendale Ave,SPARKS 89431
P.O. Box 71060, RENO 89570
Ph (702)356 0606 Fax 3561413

HECLA MINING CO.

REPORT : SP 029121 2 Page(s) Date : 06/03/94

Client reference : MW-4 Project : ROSEBUD

Cost code :

Copies to : CHARLIE MUERHOFF

Samples : Type Preparation code
Received : 05/17/94

Analysis	Code	Quality Parameter	Detection	Units
Au(OZ)	FA30	Acc. 15 %	0.001	OZ/TON
Au(RZ)	FA30	Acc. 15 %	0.001	OZ/TON
AuGRAV	GRAV	Prec.10 %	0.001	OZ/TON
Ag(OZ)	D210	Prec.10 %	0.02	OZ/TON

QA Manager : Sue Faircloth M.S.

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 029121

Sample	Au(OZ) OZ/TON	Au(RZ) OZ/TON	AuGRAV OZ/TON	Ag(OZ) OZ/TON
MW-4 0-10	<0.001		--	0.03
MW-4 10-20	<0.001		--	0.03
MW-4 20-30	<0.001		--	<0.02
MW-4 30-40	<0.001		--	<0.02
MW-4 40-50	<0.001		--	<0.02
MW-4 50-60	<0.001		--	<0.02
MW-4 60-70	<0.001		--	<0.02
MW-4 70-80	<0.001	<0.001	--	<0.02
MW-4 80-90	<0.001		--	<0.02
MW-4 90-100	<0.001		--	<0.02
MW-4 100-110	<0.001		--	<0.02
MW-4 110-120	<0.001		--	<0.02
MW-4 120-130	<0.001		--	<0.02
MW-4 130-140	0.002		--	0.02
MW-4 140-150	<0.001		--	<0.02
MW-4 150-160	<0.001		--	0.02
MW-4 160-170	<0.001		--	0.04
MW-4 170-180	0.001		--	0.04
MW-4 180-190	0.003		--	0.07
MW-4 190-200	0.003		--	0.14
MW-4 200-210	0.003		--	0.49
MW-4 210-220	0.030	0.027	--	16.98
MW-4 220-230	0.014		--	3.23
MW-4 230-240	0.010		--	0.95
MW-4 240-250	0.004		--	0.25

Please refer to the cover sheet for further analysis details.

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 029121

Sample	Au(OZ) OZ/TON	Au(RZ) OZ/TON	AuGRAV OZ/TON	Ag(OZ) OZ/TON
MW-4 250-260	0.008		--	0.24
MW-4 260-270	0.018		--	0.74
MW-4 270-280	0.004		--	0.29
MW-4 280-290	0.003		--	0.66
MW-4 290-300	0.003		--	0.24
MW-4 300-310	0.004	0.003	--	0.23
MW-4 310-320	0.078		0.076	5.68
MW-4 320-330	0.009		--	0.65
MW-4 330-340	0.004		--	0.12
MW-4 340-350	0.007		--	0.23
MW-4 350-360	0.003	0.002	--	0.13
MW-4 360-370	0.003		--	0.23
MW-4 370-380	0.003		--	0.18
MW-4 380-390	0.007		--	0.35
MW-4 390-400	0.004		--	0.18
MW-4 400-410	0.011		--	0.34
MW-4 410-420	0.027	0.031	--	1.18
MW-4 420-430	0.010		--	0.47

Please refer to the cover sheet for further analysis details.