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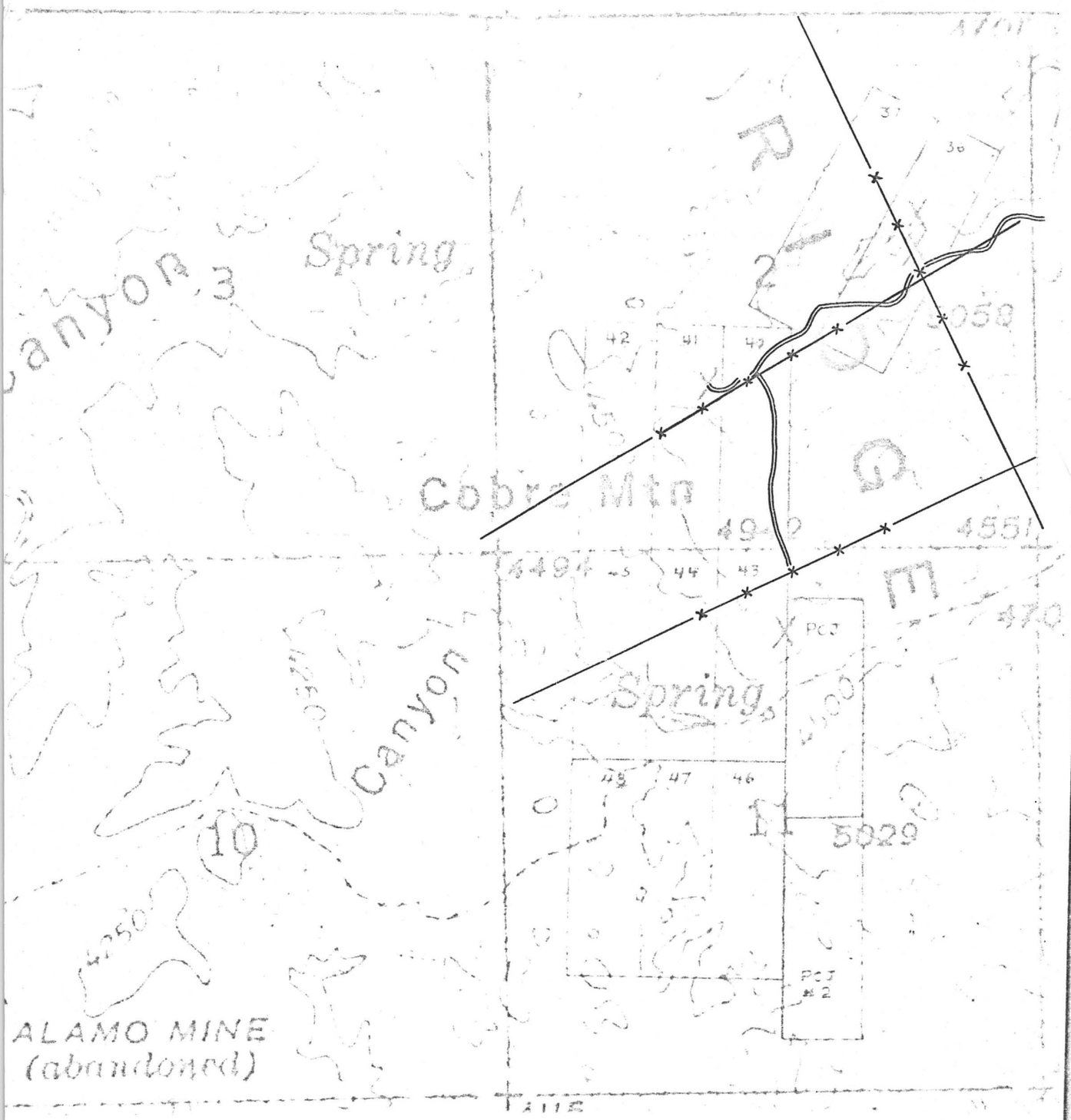


CLAIM AND IP LOCATION MAP

TRIPLE H CLAIMS 36, 37, 40 - 48

PLATA COPPER JACK POT

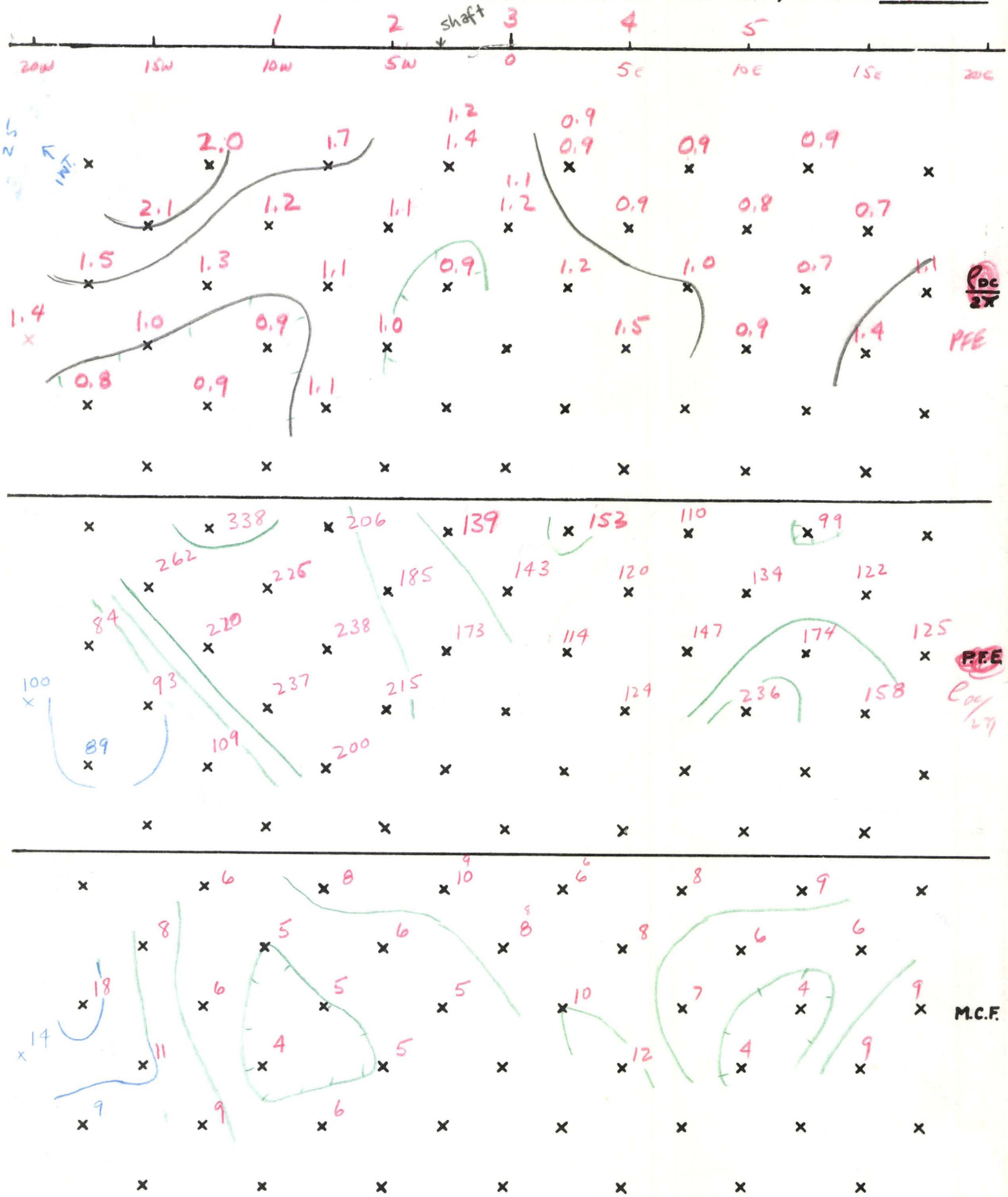
COPPER JACK POT NO. 2

SECTIONS 2, 11 T 23 S, R 10 E

MAY, 1970

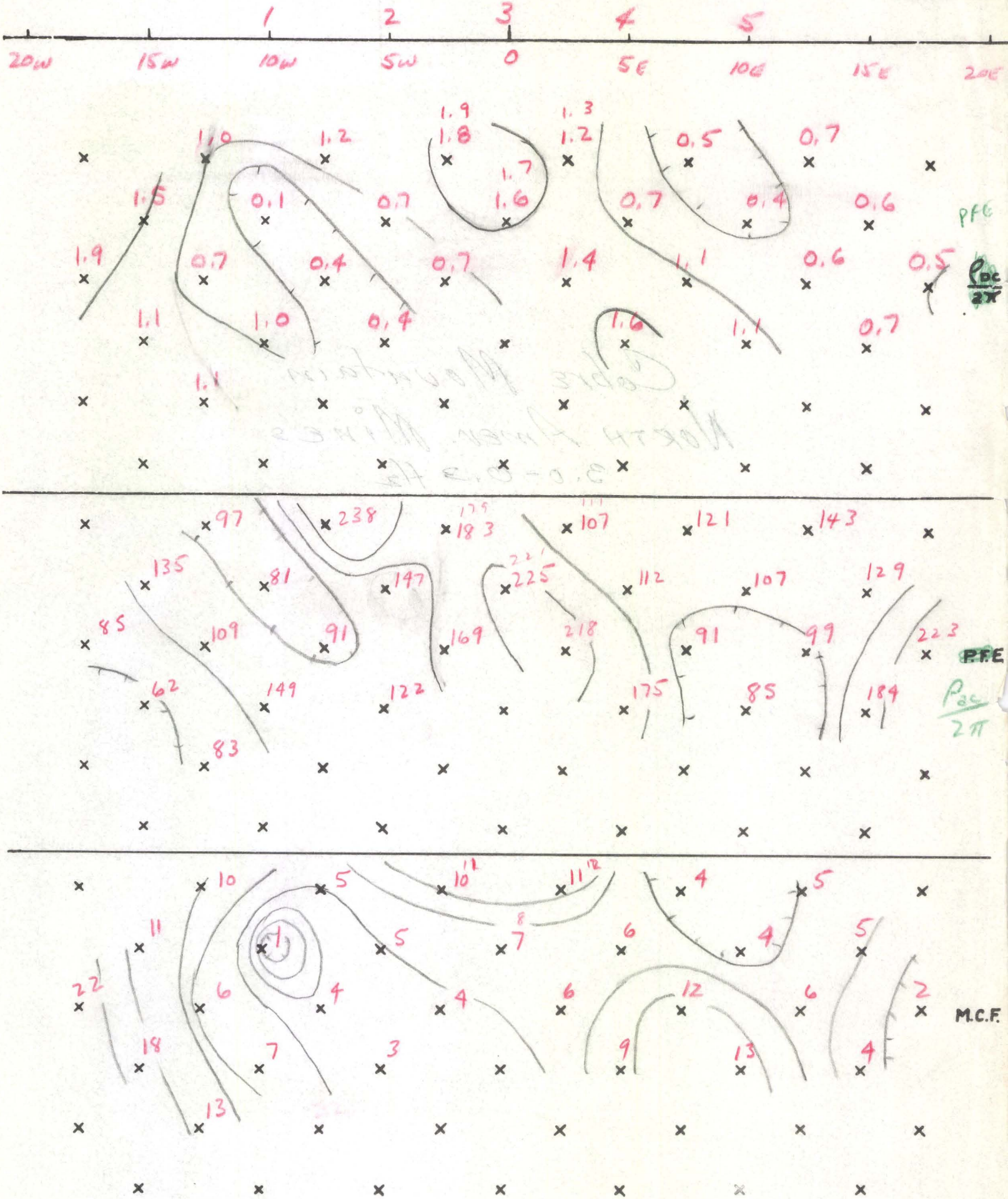
BASE BY C. H. HAGERTY

HEINRICHS GEOEX. INDUCED POLARIZATION SECTIONAL DATA PLOT, LOOKING N

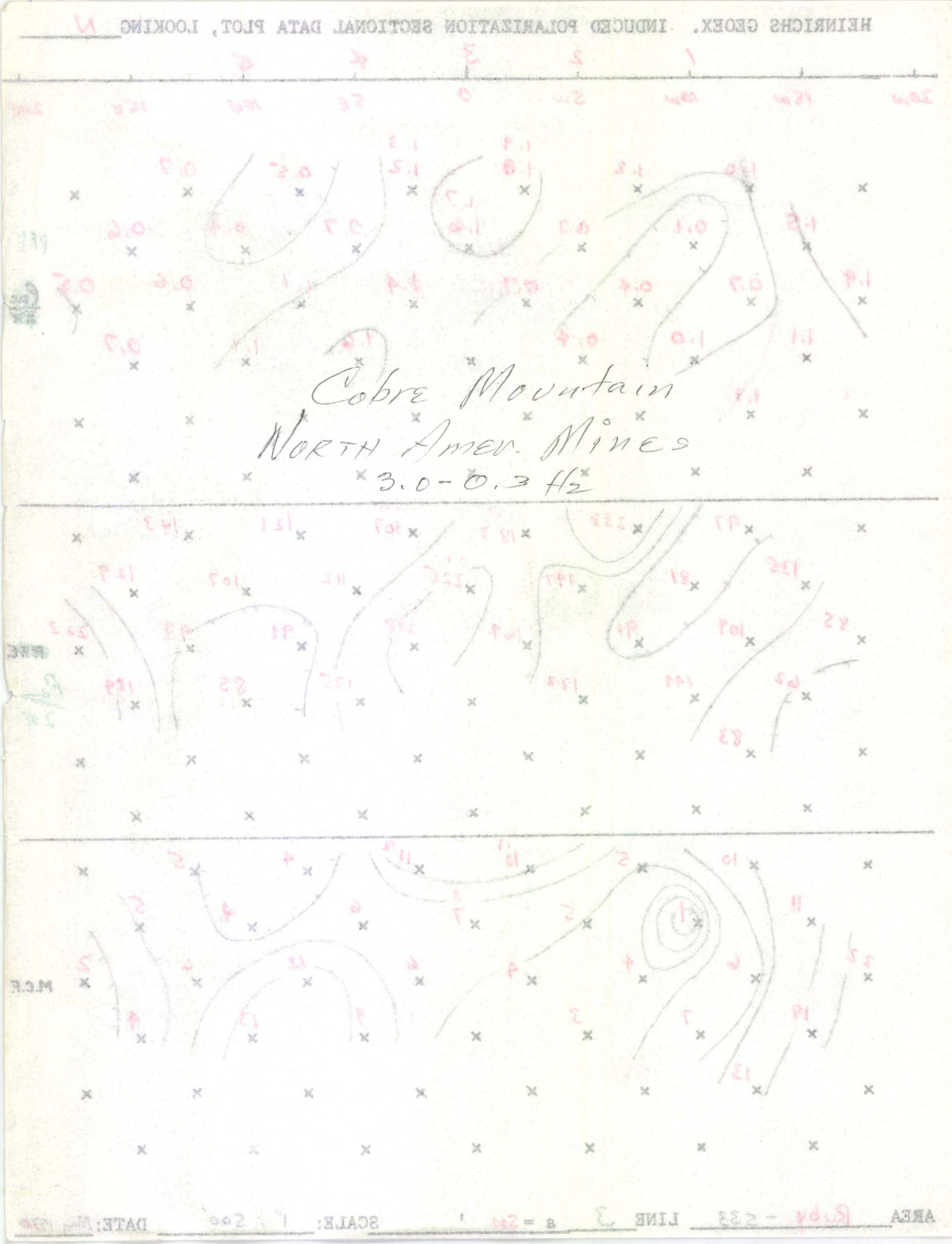


AREA Ruby-533 LINE 2 a = 500' SCALE: 1" = 500' DATE: May 1970

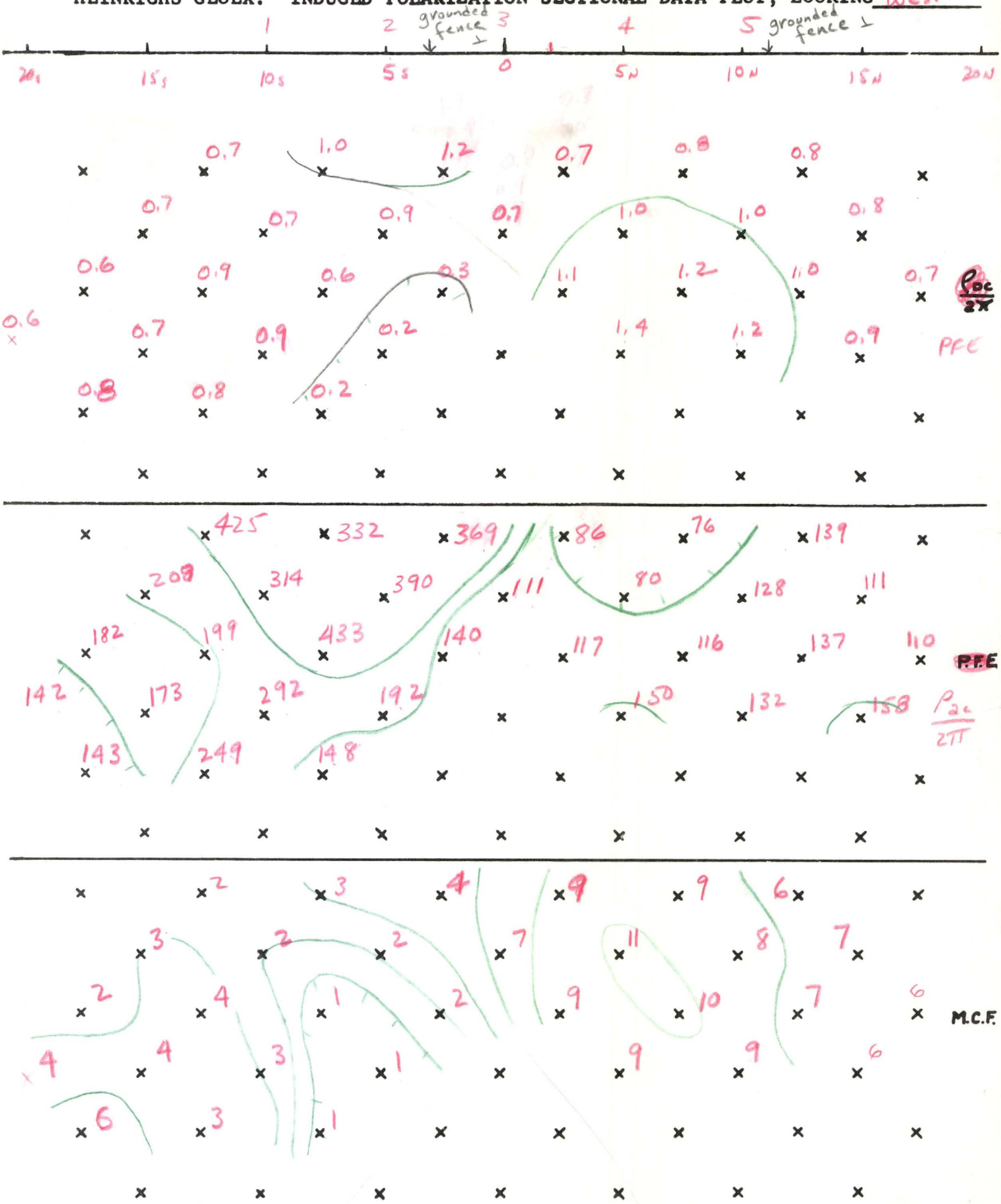
HEINRICHS GEOEX. INDUCED POLARIZATION SECTIONAL DATA PLOT, LOOKING N



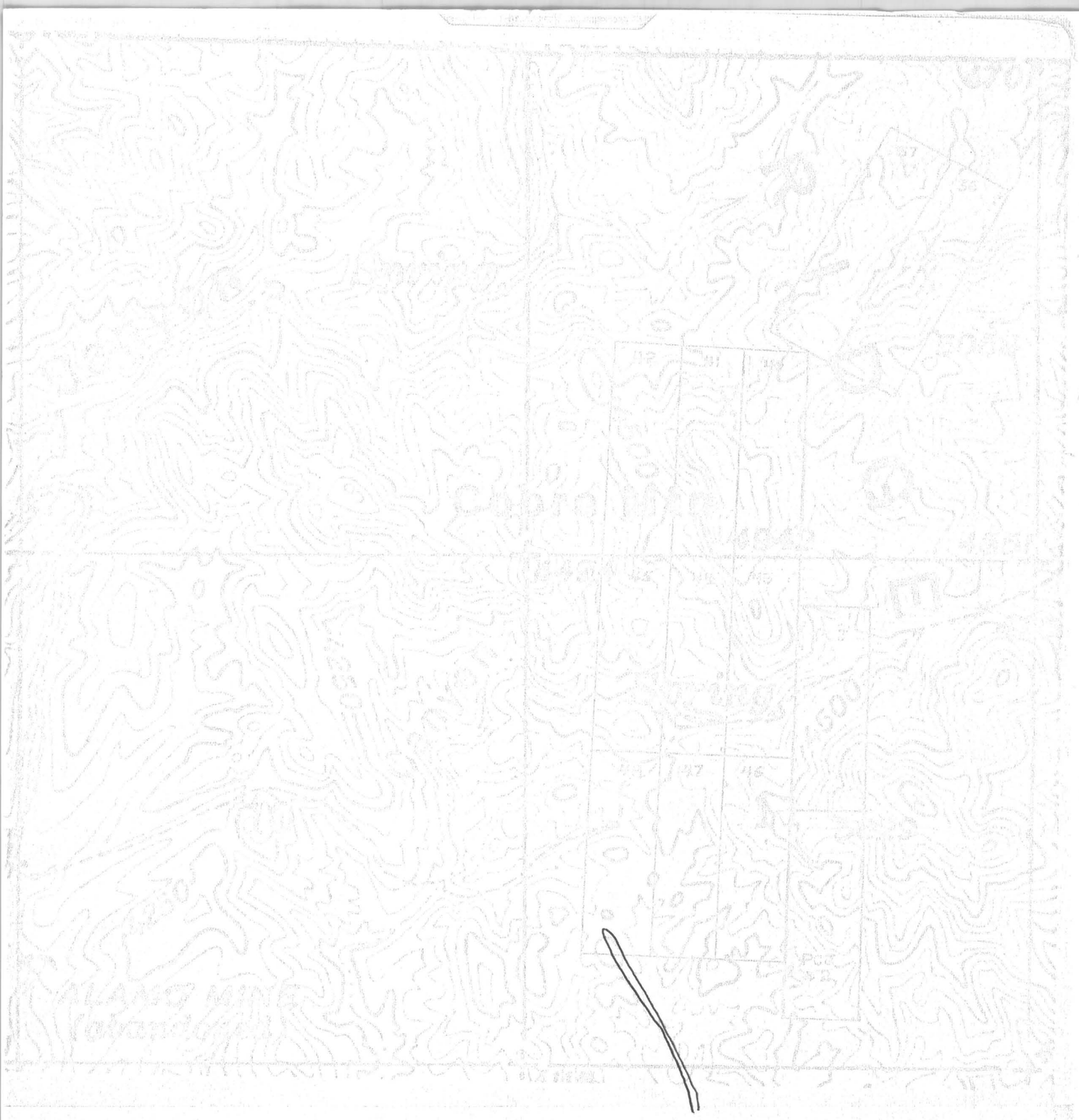
AREA Ruby - 533 LINE 3 a = 500 ' SCALE: 1" = 500' DATE: May 1970


Cobre Mountain
North Amer. Mines
3.0-0.3 Hz

HEINRICHS GEOEX. INDUCED POLARIZATION SECTIONAL DATA PLOT, LOOKING West



AREA Ruby 533 LINE 1 a = 500' SCALE: 1" = 500' DATE: May 1970



RHYOLITE FLOAT

ANDESITE PORPHYRY

SILICIFIED RHYOLITE
LOCALLY MINERALIZED

RHYOLITE PORPHYRY

DIORITE

GEOLOGY OF COBRE MTN.
SANTA CRUZ COUNTY, ARIZONA

OUTCROP BOUNDARY

FAULT

RHYOLITE FLOAT

ANDESITE PORPHYRY

SILICIFIED RHYOLITE
LOCALLY MINERALIZED

RHYOLITE PORPHYRY

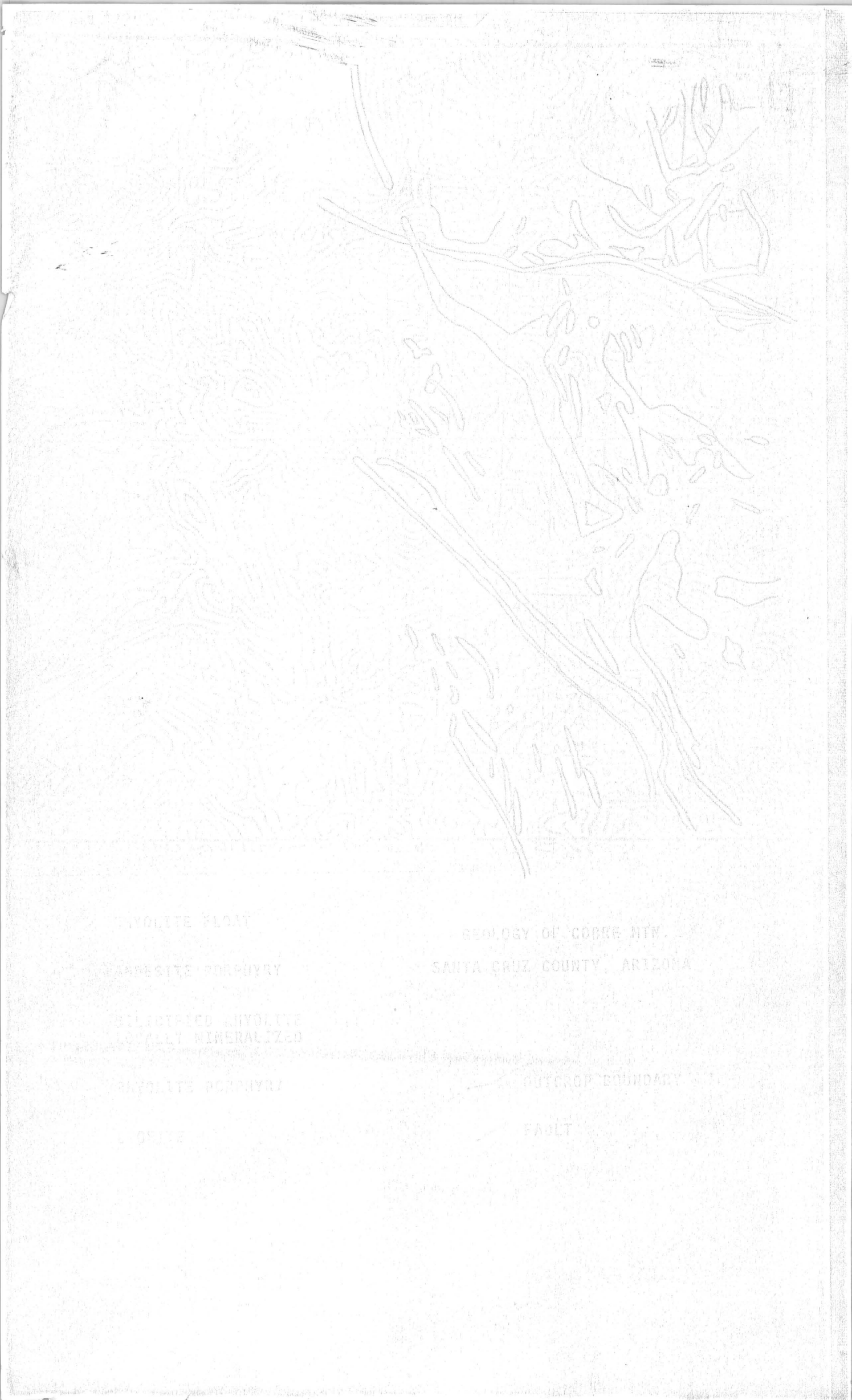
DIORITE

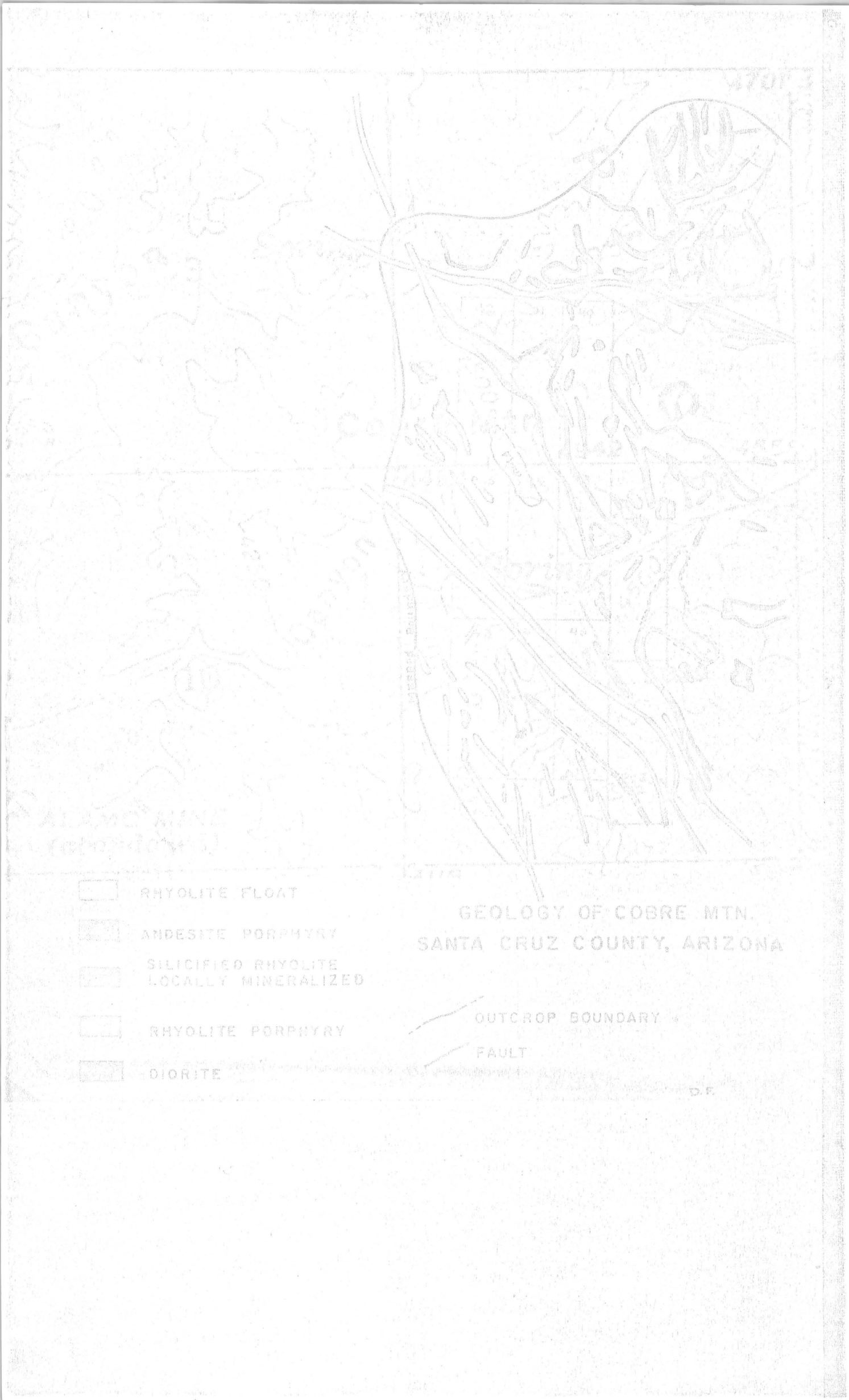
GEOLOGY OF COBRE MTN.

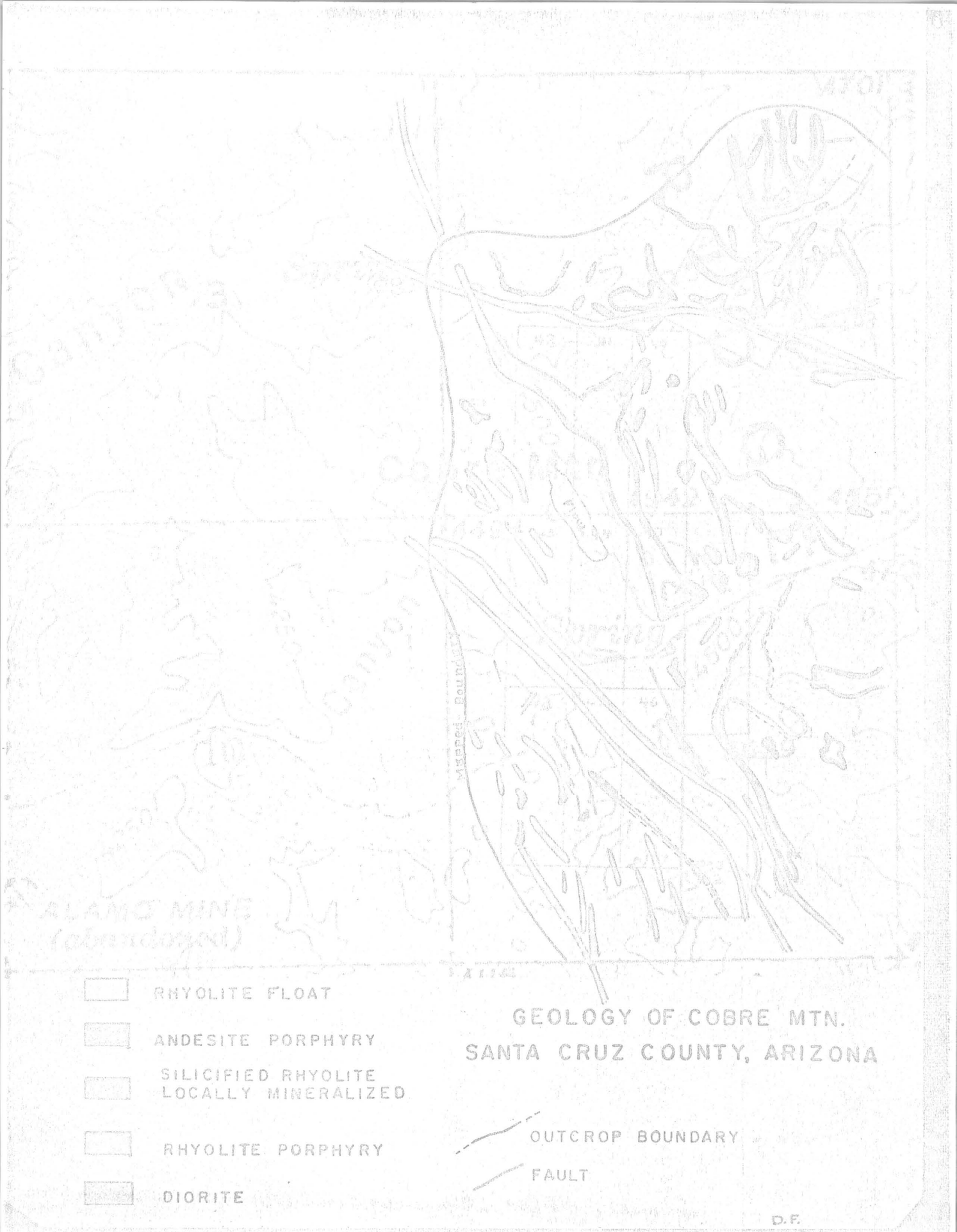
SANTA CRUZ COUNTY, ARIZONA

OUTCROP BOUNDARY

FAULT


RHYOLITE FLOAT
GEOLOGY OF COBRE MTN.
ANDESITE PORPHYRY
SANTA CRUZ COUNTY, ARIZONA
SILICIFIED RHYOLITE
LOCALLY MINERALIZED
RHYOLITE PORPHYRY
OUTCROP BOUNDARY
FAULT


RHYOLITE FLOAT
ANDESITE PORPHYRY
SILICIFIED RHYOLITE
LOCALLY MINERALIZED
RHYOLITE PORPHYRY
DIORITE
GEOLOGY OF COBRE MTN.
SANTA CRUZ COUNTY, ARIZONA
OUTCROP BOUNDARY
FAULT
D.F.



GEOLOGY OF COBRE MTN.
SANTA CRUZ COUNTY, ARIZONA

RHYOLITE FLOAT

ANDESITE PORPHYRY

SILICIFIED RHYOLITE
LOCALLY MINERALIZED

RHYOLITE PORPHYRY

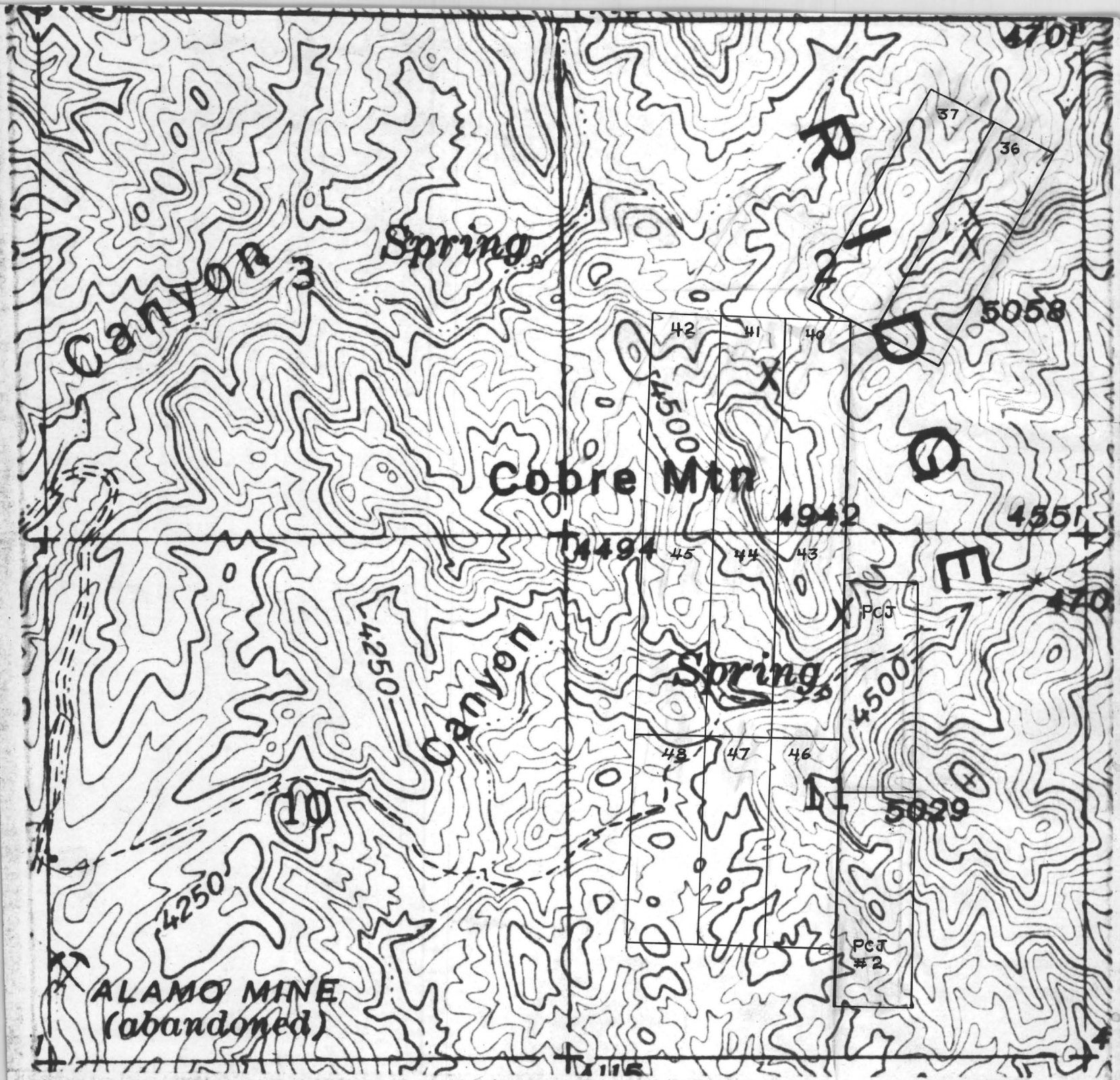
DIORITE

GEOLOGY OF COBRE MTN.

SANTA CRUZ COUNTY, ARIZONA

OUTCROP BOUNDARY

FAULT


4701
37
36
Canyon
Spring
5058
42
41
40
4500
Cobre Mtn
4942
4551
4494
45
44
43
PCJ
Spring
4500
4250
Canyon
48
47
46
5029
4250
PCJ
#2
ALAMO MINE
(abandoned)

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT 533 - RUBY
LINE 1 HALF S SP. 1 DATE 5-7-70

SEND	CAL	4-5 1	3-4 2	4-5 3	2-3 4	3-4 5	4-5 6	1-2 7	2-3 8	3-4 9
RECEIVE	3-4	0-5s 1	5-10s 1	→ 2	10-15s 1	→ 2	→ 3	15-20s 1	→ 2	→ 3
RANGE	10	10	100	1.0	10	10	1.0	10	10	10
DC 1 FE	+0.4	1.1	1.6	1.1	1.4	1.3	0.7	1.1	1.1	1.0
DC 2 I	2.0	4.0	4.0	4.0	2.0	4.0	4.0	1.0	2.0	4.0
DC 3 PFE		0.7	1.2	0.7	1.0	0.9	0.3	0.7	0.7	0.6
DC 4 ρ								425		
DC 5 MCF								2		
DC 6										
DC 7										
DC 8										
DC AVG.										
AC 1	202	224	1025	69.2	442	260	37.6	284	105	116
AC 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	+0.1	0.0	0.0
AC AVG.										
S.P.		+14.6	+11.6		+3.4			+16.8		
AC NOISE										
POT RES.		3K	2K		3K			3K		

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT 533 - RUBY
LINE 1 HALF 5 SP. 1 DATE 5-7-2

SEND	4-5 10	1-2	2-3	3-4	4-5	1-2	2-3	3-4	1-2	2-3 19
RECEIVE	15-20s 4	20-25s 2	→ 3	→ 4	→ 5	25-30s 3	→ 4	→ 5	30-35s 4	→ 5
RANGE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.1
DC 1	0.6	1.1	1.3	1.4	0.6	1.0	1.1	1.2	1.0	1.2
DC 2 I	4.0	1.0	2.0	4.0	4.0	1.0	2.0	4.0	1.0	2.0
DC 3 PFE	0.2	0.7	0.9	1.0	0.2	0.6	0.7	0.8	0.6	0.8
DC 4 P										
DC 5 MCF										
DC 6										
DC 7										
DC 8										
DC AVG.										
AC 1	25.9	34.7	26.6	38.9	11.4	12.2	11.6	19.0	4.75	5.46
AC 2	0.0	0.0	+0.1	0.2	0.0	+0.4	-0.1	0.0	0.0	0.0
AC AVG.										
S.P.		+8.8				+16.5			+12.0	
AC NOISE										
POT RES.	~~[illegible]~~	900 K				2K			9K	

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT 533 - Ruby
LINE 1 HALF No. SP. 1 DATE 5-7-70

SEND	CAL	1-2 1	2-3 2	1-2 3	3-4 4	2-3 5	1-2 6			CAL
RECEIVE	1-2	0-5N 1	5-10N 1 → 2		10-15N 1	→ 2	→ 3			4-5
RANGE	1.0	10	10	1.0	10	1.0	0.1			10
DC 1	+0.2	1.6	1.2	1.1	1.0	1.2	1.4			+0.3
DC 2 I	1.0	1.0	2.0	1.0	4.0	2.0	1.0			2.0
DC 3 PFE		1.4	1.0	0.9	0.8	1.0	1.1			
DC 4 P										
DC 5 MCF										
DC 6										
DC 7										
DC 8										
DC AVG.										
AC 1	98.0	230	117	19.7	199	26.2	7.61			198 5
AC 2	0.6	+0.1	-0.0	0.0	0.0	0.0	0.0			0.0
AC AVG.										
S.P.		+12.4	-4.8		-2.9					
AC NOISE										
POT RES.		1 K	.7 K		1 K					

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT 533 - Ruby
LINE 1 HALF N SP. 1 DATE 5-7-2

SEND	4-5 7	3-4 8	2-3 9	1-2 10	4-5 11	3-4 12	2-3 13	4-5 14	3-4 15	
RECEIVE	15-20N 1	2	3	4	20-25N 2	3	4	25-30N 3	4	
RANGE	10	1.0	1.0	0.1	1.0	1.0	0.1	1.0	1.0	
DC 1	1.1	1.3	1.5	1.7	1.1	1.3	1.5	1.0	1.2	
DC 2 I	4.0	4.0	2.0	1.0	4.0	4.0	2.0	4.0	4.0	
DC 3 PFE	0.8	1.0	1.2	1.4	0.8	1.0	1.2	0.7	0.9	
DC 4 ρ										
DC 5 MCF										
DC 6										
DC 7										
DC 8										
DC AVG.										
AC 1	363	83.5	15.1	4.87	72.8	35.9	8.63	29.0	20.7	
AC 2	0.0	0.0	0.0	+0.1	0.0	0.0	0.0	0.0	0.0	
AC AVG.										
S.P.	+52.7				-46.1			+78.4		
AC NOISE										
POT RES.	1 K				2K			3 K		

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT 533 Ruby

LINE 1 HALF 50 SP. 1 DATE 5-7

PAGE 1

SEND	Cal 3-4	4-5	3-4	4-5	2-3	3-4	4-5		Cal 1-2	
RECEIVE		0-55	55	105	105		135		105	
RANGE	10X200	10X400	10X400	10X400	10X200	10X400	10X400		10X100	
VOLTAGE	250	170	310	170	290	310	170		420	
CURRENT	2.0	4.0	4.0	4.0	2.0	4.0	4.0		1.0	
SEND	1-2	2-3	3-4	4-5	1-2	2-3	3-4	4-5		
RECEIVE	155			205	205			255		
RANGE	10X100	10X200	10X400	10X400	10X100	10X200	10X400	10X400		
VOLTAGE	420	290	310	170	420	290	310	170		
CURRENT	1.0	2.0	4.0	4.0	1.0	2.0	4.0	4.0		

FREQUENCIES 3.0 0.3

SENDER NO. 9662-S

OPERATOR Coons #23

RECEIVER NO. 19692-R

OPERATOR Freeman #26

COMMENTS:

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT 533 Ruby

LINE 1 HALF So SP. 1 DATE 5-7

PAGE 2

SEND	1-2	2-3	3-4	1-2	2-3					
RECEIVE	255		305	305	35-5					
RANGE	10X100	10X200	10X400	10X100	10X200					
VOLTAGE	420	290	310	420	290					
CURRENT	1.0	2.0	4.0	1.0	2.0					
SEND										
RECEIVE										
RANGE										
VOLTAGE										
CURRENT										

FREQUENCIES 3.0 0.3

SENDER NO. 9662-S

OPERATOR Coons #23

RECEIVER NO. 19692-R

OPERATOR Freeman #26

COMMENTS:

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT 533 Ruby
LINE 1 HALF No SP. 1 DATE 5-7

SEND	1-2	2-3	1-2	3-4	23	1-2	4.	Cal 45		
RECEIVE	0-5N	5N-10N	→	10N-45N	→	→		10N		
RANGE	10X100	10X200	10X100	10X400	10X200	10X200		10X200		
VOLTAGE	210	280	210	310	280	210		120		
CURRENT	1.0	2.0	1.0	4.0	2.0	1.0		2.0		
SEND	4-5	3-4	2-3	1-2	4-5	3-4	2-3	~~C2~~		
RECEIVE	15N	20N	→	→	20N	25N	→	→		
RANGE	10X400	10X400	10X200	10X100	10X400	10X400	10X200			
VOLTAGE	170	310	280	210	170	310	280			
CURRENT	4.0	4.0	2.0	1.0	4.0	4.0	2.0			

FREQUENCIES 3.0 0.3

SENDER NO. 9662-S

OPERATOR Coons #23

RECEIVER NO. 19692-R

OPERATOR Freeman #26

COMMENTS:

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT 573-Ruby

LINE 1 HALF No SP. 1 DATE 5-7

PAGE 4

SEND	4-5	3-4	2-3	4-5	3-4					
RECEIVE	25N	30N		30N	35N					
RANGE	10X400	10X400								
VOLTAGE	170	310								
CURRENT	4.0	4.0								
SEND										
RECEIVE										
RANGE										
VOLTAGE										
CURRENT										

FREQUENCIES 3.0 0.3

SENDER NO. 9662-S

OPERATOR #23 Coons

RECEIVER NO. 19692R

OPERATOR #26 Freeman

COMMENTS:

New Sender

JOB 533 RUBY LINE 1 SOUTH-NORTH SPREAD 1 5/7/70 500FEET=DIPOLE LENGTH
CAL GROUP NO. 1

CAL CUR	PFE	AC1	AC2	AC FREQ	DC FREQ	PFE CAL	RHO CAL
2.000	.40	202.000	0.00	3.00	.30	.4000	.9901

COMPUTED DATA

POINT NO.	N	RHO	PFE	MCF	CCPFE	CCMCF	CPFE	
1	1	83.75	.70	8.4	.70	8.4	0.00	**
2	1	385.14	1.20	3.1	1.20	3.1	0.00	**
3	2	103.49	.70	6.8	.70	6.8	0.00	**
4	1	331.50	1.00	3.0	1.00	3.0	0.00	**
5	2	389.61	.90	2.3	.90	2.3	0.00	**
6	3	140.02	.30	2.1	.30	2.1	0.00	**
7	1	424.74	.65	1.5	.65	1.5	0.00	**
8	2	314.06	.70	2.2	.70	2.2	0.00	**
9	3	433.28	.60	1.4	.60	1.4	0.00	**
10	4	192.71	.20	1.0	.20	1.0	0.00	**
11	2	207.58	.70	3.4	.70	3.4	0.00	**
12	3	199.30	.85	4.3	.85	4.3	0.00	**
13	4	291.75	.90	3.1	.90	3.1	0.00	**
14	5	147.85	-.20	-1.4	-.37	-2.5	.17	**
15	3	182.28	.40	2.2	.40	2.2	0.00	**
16	4	173.48	.75	4.3	.67	3.9	.08	**
17	5	248.88	.80	3.2	.72	2.9	.08	**
18	4	141.94	.60	4.2	.49	3.5	.11	**
19	5	143.04	.80	5.6	.62	4.3	.18	**

FIELD DATA

PT.	N	CUR	PFE	AC1	AC2
1	1	4.00	1.10	224.000	0.00
2	1	4.00	1.60	1025.000	0.00
3	2	4.00	1.10	69.200	0.00
4	1	2.00	1.40	442.000	0.00
5	2	4.00	1.30	260.000	0.00
6	3	4.00	.70	37.600	0.00
7	1	1.00	1.10	284.000	.10
8	2	2.00	1.10	105.000	0.00
9	3	4.00	1.00	116.000	0.00
10	4	4.00	.60	25.900	0.00
11	2	1.00	1.10	34.700	0.00
12	3	2.00	1.30	26.600	.10
13	4	4.00	1.40	38.900	.20
14	5	4.00	.20	11.400	0.00
15	3	1.00	1.00	12.200	.40
16	4	2.00	1.10	11.600	-.10
17	5	4.00	1.20	19.000	0.00
18	4	1.00	1.00	4.750	0.00
19	5	2.00	1.20	5.460	0.00

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT 533 Ruby
LINE 2 HALF W SP. 1 DATE 5-8-70

PAGE 1

SEND	3-4	4-5	3-4	4-5	2-3	3-4	4-5	1-2	2-3	3-4
RECEIVE	CAL	0-5w	5-10w	→	10-15w	→	→	15-20w		
RANGE	1.0	10	10	1.0	10	1.0	1.0	10	1.0	1.0
DC 1	+0.2	1.1	1.6	1.4	1.9	1.3	1.1	2.2	1.4	1.3
DC 2 I	1.0	2.0	1.5	2.0	2.0	1.5	2.0	1.0	1.5	1.5
DC 3 PFE		0.9	1.4	1.2	1.7	1.1	0.9	2.0	1.2	1.1
DC 4 P										
DC 5 MCF										
DC 6										
DC 7										
DC 8										
DC AVG.										
AC 1	98.6	198	134	46.6	265	45.0	22.6	218	55.0	23.2
AC 2	0.0	0.0	+0.1	+0.1	0.0	0.0	0.0	0.0	0.0	
AC AVG.										
S.P.		-65.9	+79.5		+4.1			+5.3		
AC NOISE										
POT RES.		3K	10 K		30 K			0.8 K		

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT 533 - Ruby
LINE 2 HALF W SP. 1 DATE 5-8-20

SEND	4-5 10	1-2 11	2-3 12	3-4 13	4-5 14	1-2 15	2-3 16	3-4 17	1-2 18	2-3 19
RECEIVE	15-20W 4	20-25W 2	→ 3	→ 4	→ 5	25-30W 3	→ 4	→ 5	30-35W 4	→ 5
RANGE	1.0	1.0	1.0	1.0	0.1	0.1	0.1	0.1	0.1	0.1
DC 1	1.2	2.3	1.5	1.1	1.3	1.7	1.2	1.1	1.6	1.0
DC 2 I	2.0	1.0	1.5	1.5	1.5	1.0	1.5	1.5	1.0	1.5
DC 3 PFE	1.0	2.1	1.3	0.9	1.1	1.5	1.0	0.9	1.4	0.8
DC 4 ρ										
DC 5 MCF										
DC 6										
DC 7										
DC 8										
DC AVG.					5.57					
AC 1	14.0	42.1	21.4	11.6	~~7.39~~	5.45	4.56	3.04	3.24	2.48
AC 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
AC AVG.										
S.P.		+11.1				+7.4			-1.3	
AC NOISE										
POT RES.		0.9K				0.6K			0.7K	

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT 533- Ruby
LINE 2 HALF E SP. 1 DATE 5-8-70

SEND	1-2 1	2-3 2	1-2 3	3-4 4	2-3 5	1-2 6				CAL
RECEIVE	0-5E 1	5-10E 1	→ 2	10-15E 1	→ 2	→ 3				4-5
RANGE	1.0	10	1.0	10	1.0	0.1				10
DC 1	1.4	1.1	1.3	1.1	1.1	1.6				+0.2
DC 2 I	1.0	1.5	1.0	1.5	1.5	1.0				1.5
DC 3 PFE	1.2	0.9	1.1	0.9	0.9	1.2				
DC 4 ρ	140	153	142	110	120	114				
DC 5 MLF	9	6	8	8	8	10				
DC 6 K_n	1.5	1.5	6	1.5	6	15				
DC 7										
DC 8										
DC AVG.										
AC 1	92.0	152	23.4	109	29.7	7.54				150
AC 2	0.0	0.0	0.0	0.0	0.0	0.0				0.0
AC AVG.										
S.P.	−3.5	+23.5		+8.2						
AC NOISE										
POT RES.	6 K	5 K		0.9 K						

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT 533- Ruby
LINE 2 HALF E SP. 1 DATE 5-8-70

SEND	4-5 9	3-4 8	2-3 7	1-2 6	4-5 11	3-4 12	2-3 13	4-5 14	3-4 15	
RECEIVE	15-20 E 1	2	3	4	20-25 E 2	3	4	25-30 E 3	4	
RANGE	1.0	1.0	1.0	0.1	1.0	1.0	1.0	1.0	0.1	
DC 1	1.1	1.0	1.2	1.7	0.9	0.9	1.1	1.3	1.6	
DC 2 I	1.5	1.5	1.5	1.0	1.5	1.5	1.5	1.5	1.5	
DC 3 PFE	0.9	0.8	1.0	1.5	0.7	0.7	0.9	1.1	1.4	
DC 4 ρ	99	134	147	124	122	174	236	125	158	
DC 5 MCF	9	6	7	12	6	4	4	9	9	
DC 6										
DC 7 K_e	15	6	15	30	6	15	30	15	30	
DC 8										
DC AVG.										
AC 1	98.0	33.3	14.6	4.06	30.3	17.3	11.7	12.4	7.79	
AC 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
AC AVG.										
S.P.	+9.7				+16.1			-7.5		
AC NOISE										
POT RES.	0.8K				1.5K			0.8K		

PAGE 1

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT 533 Ruby

LINE 2 HALF W SP. 1 DATE 5-8

SEND	Cal 3-4	4-5	3-4	4-5	2-3	3-4	4-5			
REGEIVE	0-5E	0-5W	5W-10W →		10W-15W →					
RANGE	10X100	10X200	10X150	10X200	10X200	10X150	10X200			
VOLTAGE	340	540	500	540	620	500	540			
CURRENT	1.0	2.0	1.5	2.0	2.0	1.5	2.0			
SEND	1-2	2-3	3-4	4-5	1-2	2-3	3-4	4-5		
RECEIVE	15W -	20W →			20W-25W →					
RANGE	10X100	10X150	10X150	10X200	10X100	10X150	10X150	10X200		
VOLTAGE	420	460	500	540	420	460	500	400		
CURRENT	1.0	1.5	1.5	2.0	1.0	1.5	1.5	1.5		

FREQUENCIES 3.0 0.3

SENDER NO. 9662-S

OPERATOR 23

RECEIVER NO. 19692-R

OPERATOR 26

COMMENTS:

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT 533 Ruby

LINE 2 HALF W SP. 1 DATE 5-8

SEND	1-2	2-3	3-4	1-2	2-3					
RECEIVE	25W-30W	→		30W-35W						
RANGE	10X100	10X150	10X150	10X100	10X150					
VOLTAGE	420	460	500	420	460					
CURRENT	1.0	1.5	1.5	1.0	1.5					
SEND										
RECEIVE										
RANGE										
VOLTAGE										
CURRENT										

FREQUENCIES 3.0 0.3

SENDER NO. 9662-S

OPERATOR #23 Coons

RECEIVER NO. 19692-R

OPERATOR #26 Freeman

COMMENTS:

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT 533 Ruby

LINE 2 HALF E SP. 1 DATE 5-8

PAGE 3

SEND	1-2	2-3	1-2	3-4	2-3	1-2		Cal. 4-5		
RECEIVE	0-5E	5E-10E →		10E	15E →			10E		
RANGE	10X100	10X150	10X100	10X150	10X150	10X100		10X150		
VOLTAGE	420	460	420	480	460	420		400		
CURRENT	1.0	1.5	1.0	1.5	1.5	1.0		1.5		
SEND	4-5	3-4	2-3	1-2	4-5	3-4	2-3	4-5	3-4	
RECEIVE	15E	20E →			20E		25E →	25E	30E →	
RANGE	10X150	10X150	10X150	10X100	10X150	10X150	10X150	10X150	10X150	
VOLTAGE	400	480	460	420	400	480	460	400	480	
CURRENT	1.5	1.5	1.5	1.0	1.5	1.5	1.5	1.5	1.5	

FREQUENCIES 3.0 0.3

SENDER NO. 9662S

OPERATOR 23 Coons

RECEIVER NO. 19692R

OPERATOR Freeman

COMMENTS:

JOB 533 RUBY LINE 1 SOUTH-NORTH SPREAD 1 5/7/70 500FEET=DIPOLE LENGTH
CAL GROUP NO. 2

CAL CUR	PFE	AC1	AC2	AC FREQ	DC FREQ	PFE CAL	RHO CAL
2.000	.30	198.000	0.00	3.00	.30	.3000	1.0101

COMPUTED DATA									FIELD DATA					
POINT NO.	N	RHO	PFE	MCF	CCPFE	CCMCF	CPFE		PT.	N	CUR	PFE	AC1	AC2
1	1	353.02	1.25	3.5	1.25	3.5	0.00	**	1	1	1.00	1.60	230.000	.10
2	1	89.43	.90	10.1	.90	10.1	0.00	**	2	1	2.00	1.20	117.000	0.00
3	2	120.35	.80	6.6	.80	6.6	0.00	**	3	2	1.00	1.10	19.700	0.00
4	1	75.91	.70	9.2	.70	9.2	0.00	**	4	1	4.00	1.00	199.000	0.00
5	2	80.11	.90	11.2	.90	11.2	0.00	**	5	2	2.00	1.20	26.200	0.00
6	3	116.57	1.10	9.4	1.10	9.4	0.00	**	6	3	1.00	1.40	7.610	0.00
7	1	138.60	.80	5.8	.80	5.8	0.00	**	7	1	4.00	1.10	363.000	0.00
8	2	127.78	1.00	7.8	1.00	7.8	0.00	**	8	2	4.00	1.30	83.500	0.00
9	3	115.77	1.20	10.4	1.20	10.4	0.00	**	9	3	2.00	1.50	15.100	0.00
10	4	149.64	1.35	9.0	1.25	8.4	.10	**	10	4	1.00	1.70	4.870	.10
11	2	111.19	.80	7.2	.80	7.2	0.00	**	11	2	4.00	1.10	72.800	0.00
12	3	137.34	1.00	7.3	1.00	7.3	0.00	**	12	3	4.00	1.30	35.900	0.00
13	4	132.33	1.20	9.1	1.08	8.2	.12	**	13	4	2.00	1.50	8.630	0.00
14	3	110.62	.70	6.3	.62	5.6	.08	**	14	3	4.00	1.00	29.000	0.00
15	4	158.23	.90	5.7	.81	5.1	.09	**	15	4	4.00	1.20	20.700	0.00

JOB 533 RUBY LINE 2 WEST-EAST SPREAD 1 5/8/70 500FEET=DIPOLE LENGTH
CAL GROUP NO. 1

CAL CUR	PFE	AC1	AC2	AC FREQ	DC FREQ	PFE CAL	RHO CAL
1.000	.20	98.600	0.00	3.00	.30	.2000	1.0142

COMPUTED DATA									FIELD DATA					
POINT NO.	N	RHO	PFE	MCF	CCPFE	CCMCF	CPFE		PT.	N	CUR	PFE	AC1	AC2
1	1	151.96	.90	5.9	.90	5.9	0.00	**	1	1	2.00	1.10	198.000	0.00
2	1	137.81	1.35	9.8	1.35	9.8	0.00	**	2	1	1.50	1.60	134.000	.10
3	2	143.49	1.15	8.0	1.15	8.0	0.00	**	3	2	2.00	1.40	46.600	.10
4	1	205.77	1.70	8.3	1.70	8.3	0.00	**	4	1	2.00	1.90	266.000	0.00
5	2	184.97	1.10	5.9	1.10	5.9	0.00	**	5	2	1.50	1.30	45.100	0.00
6	3	173.45	.90	5.2	.90	5.2	0.00	**	6	3	2.00	1.10	22.600	0.00
7	1	338.28	2.00	5.9	2.00	5.9	0.00	**	7	1	1.00	2.20	218.000	0.00
8	2	225.80	1.20	5.3	1.20	5.3	0.00	**	8	2	1.50	1.40	55.000	0.00
9	3	237.88	1.10	4.6	1.10	4.6	0.00	**	9	3	1.50	1.30	23.200	0.00
10	4	215.11	1.00	4.6	1.00	4.6	0.00	**	10	4	2.00	1.20	14.000	0.00
11	2	261.57	2.10	8.0	2.10	8.0	0.00	**	11	2	1.00	2.30	42.100	0.00
12	3	219.86	1.30	5.9	1.30	5.9	0.00	**	12	3	1.50	1.50	21.400	0.00
13	4	237.41	.90	3.8	.90	3.8	0.00	**	13	4	1.50	1.10	11.600	0.00
14	5	199.89	1.10	5.5	.99	4.9	.11	**	14	5	1.50	1.30	5.570	0.00
15	3	84.15	1.50	17.8	1.38	16.4	.12	**	15	3	1.00	1.70	5.450	0.00
16	4	93.42	1.00	10.7	.81	8.6	.19	**	16	4	1.50	1.20	4.560	0.00
17	5	108.88	.95	8.7	.69	6.3	.26	**	17	5	1.50	1.10	3.040	-.10
18	4	99.96	1.40	14.0	1.22	12.2	.18	**	18	4	1.00	1.60	3.240	0.00
19	5	88.74	.80	9.0	.45	5.1	.35	**	19	5	1.50	1.00	2.480	0.00

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT 533 - Ruby
LINE 3 HALF W SP. 1 DATE 5-8-70

PAGE 1

SEND	4-5 1	3-4 2	4-5 3	2-3 4	3-4 5	4-5 1				CAL
RECEIVE	0-5w 1	5-10w 1	→ 2	10-15w 1	→ 2	→ 3				1-2
RANGE	10	10	1.0	10	1.0	1.0				1.0
DC 1	1.3	1.9	1.7	1.3	0.8	0.8				+0.1
DC 2 I	2.0	2.0	2.0	1.5	2.0	2.0				0.5
DC 3 PFE	1.2	1.8	1.6	1.2	0.7	0.7				
DC 4 ρ	107	183	225	238	147	169				
DC 5 MCF	11	10	7	5	5	4				
DC 6										
DC 7 K	1.5	1.5	6	1.5	6	15				
DC 8										
DC AVG.										
AC 1	141	239	73.6	234	48.4	22.3				49.8
AC 2	0.0	0.0	0.0	0.0	0.0	0.0				0.0
AC AVG.										
S.P.	-38.4	+5.5	→	+58.5	→	→				
AC NOISE										
POT RES.	0.6k	1.5k	→	1.5k	→	→				

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT 533- Ruby
LINE 3 HALF W SP. 1 DATE 5-8-20

SEND	1-2	2-3	3-4	4-5	1-2	2-3	3-4	1-2	2-3	3-4
RECEIVE	15-20	2	3	4	20-25	3	4	25-30	4	5
RANGE	1.0	1.0	1.0	0.1	1.0	1.0	0.1	0.1	0.1	0.1
DC 1	1.1	0.2	0.5	0.5	1.6	0.8	1.1	2.0	1.2	1.2
DC 2 I	0.5	1.5	2.0	2.0	0.5	1.5	2.0	0.5	1.5	2.0
DC 3 PFE	1.0	0.1	0.4	0.4	1.5	0.7	1.0	1.9	1.1	1.1
DC. 4 ρ	97	81	91	122	135	109	149	85	62	83
DC 5 MCF	10	1	4	3	11	6	7	22	18	13
DC 6										
DC 7 K_n	1.5	6	15	30	6	15	30	15	30	52.5
DC 8										
DC AVG.										
AC 1	31.8	20.1	12.1	8.10	11.0	10.8	9.79	2.78	3.04	3.13
AC 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AC AVG.										
S.P.	+18.3			-1.7	→ 0			+15.9		
AC NOISE										
POT RES.	0.9 K			0.6 K	→ 0			1 K		

HEINRICHS GEOEXPLORATION CO.

I.P. RECEIVER NOTES

PROJECT 533 - Ruby

LINE 3 HALF E SP. 1 DATE 5-9-76

SEND	1-2 1	2-3 2	1-2 3	3-4 4	2-3 5	1-2 6	7			CAL
RECEIVE	0-5E'	5-10E'	→ 2	10-15E'	→ 2	→ 3				4-5
RANGE	1.0	10	1.0	10	1.0	0.1				10
DC 1	2.0	1.4	1.9	0.7	1.0	1.7				+0.3
DC 2 I	0.5	1.5	0.5	2.0	1.5	0.5				2.0
DC 3 PFE	1.9	1.3	1.7	0.5	0.7	1.4				
DC. 4 ρ	179	111	221	121	112	218				
DC 5 MCF	11	12	8	4	6	6				
DC 6										
DC 7 K_n	1.5	1.5	6	1.5	6	15				
DC 8										
DC AVG.										
AC 1	58.2	109	18.0	160	27.8	7.13				197
AC 2	0.0	0.0	0.0	0.0	-0.1	0.0				0.0
AC AVG.										
S.P.	+12.7	+10.4		+5.3						
AC NOISE										
POT RES.	0.6K	10K		9K						

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT 533 - Ruby
LINE 3 HALF E SP. 1 DATE 5-9-76

SEND	4-5 7	3-4 8	2-3 9	1-2 10	4-5 11	3-4 12	2-3 13	4-5 14	3-4 15	
RECEIVE	15-20E 1	→ 2	→ 3	→ 4	20-25E 2	→ 3	→ 4	25-30E 3	→ 4	
RANGE	10	1.0	0.1	0.1	1.0	1.0	0.1	1.0	1.0	
DC 1	1.0	0.7	1.4	1.9	0.9	0.9	1.4	0.8	1.0	
DC 2 I	2.0	2.0	1.5	0.5	2.0	2.0	1.5	2.0	2.0	
DC 3 PFE	0.7	0.4	1.1	1.6	0.6	0.6	1.1	0.5	0.7	
DC 4 ρ	143	107	91	175	129	99	85	223	184	
DC 5 MCF	5	4	12	9	5	6	13	2	4	
DC 6										
DC 7 R_n	1.5	6	15	30	6	15	30	15	30	
DC 8										
DC AVG.										
AC 1	189	35.3	9.00	2.86	42.7	13.1	4.19	29.5	12.1	
AC 2	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	
AC AVG.										
S.P.	+11.4				+18.8			+25.0		
AC NOISE										
POT RES.	1K				1K			4K		

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HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT 533 Ruby

LINE 3 HALF W SP. 1 DATE 5-8

SEND	4-5	3-4	4-5	2-3	3-4	4-5		C145		
RECEIVE	0-5W	5W-10W		10W-15W				10W		
RANGE	10X200	10X200	10X200	10X150	10X200	10X200		3X167		
VOLTAGE	560	270	560	480	260	560		360		
CURRENT	2.0	2.0	2.0	1.5	2.0	2.0		0.5		
SEND	1-2	2-3	3-4	4-5	1-2	2-3	3-4	1-2	2-3	
RECEIVE	15W-20W				20W-25W			25W-30W		
RANGE	3X167	10X150	10X200	10X200	3X167	10X150	10X200	3X167	10X150	
VOLTAGE	360	480	260	560	360	480	260	360	480	
CURRENT	0.5	1.5	2.0	2.0	0.5	1.5	2.0	0.5	1.5	

FREQUENCIES 3.0 0.3

SENDER NO. 9662-5

OPERATOR 23 Gomo

RECEIVER NO. 19892R

OPERATOR 26 Freeman

COMMENTS:

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT 533 Ruby
LINE 13 HALF E SP. 1 DATE 5-8

SEND	1-2	2-3	1-2	3-4	2-3	1-2		Cal 45		
RECEIVE	0-5E	5-10E	→	10E-15E	→			10E		
RANGE	3X167	10X150	3X167	10X200	10X150	3X167		10X200		
VOLTAGE	340	460	340	250	460	340		500		
CURRENT	0.5	1.5	0.5	2.0	1.5	0.5		2.0		
SEND	4-5	3-4	2-3	1-2	4-5	3-4	2-3	4-5	3-4	
RECEIVE	15-E-20E	→			20E-25E	→		25E-30E	→	
RANGE	10X200	10X200	10X150	3X167	10X200	10X200	10X150	10X200	10X200	
VOLTAGE	500	260	460	340	500	260	460	500	260	
CURRENT	2.0	2.0	1.5	0.5	2.0	2.0	1.5	2.0	2.0	

FREQUENCIES 3.0 0.3
SENDER NO. 9662-S
OPERATOR #23 Coons
RECEIVER NO. 19692R
OPERATOR #26 Freeman

COMMENTS:

JOB 533 RUBY LINE 2 WEST-EAST SPREAD 1 5/8/70 500FEET=DIPOLE LENGTH
CAL GROUP NO. 2

CAL CUR	PFE	AC1	AC2	AC FREQ	DC FREQ	PFE CAL	RHO CAL
1.500	.20	150.000	0.00	3.00	.30	.2000	1.0000

COMPUTED DATA									FIELD DATA					
POINT NO.	N	RHO	PFE	MCF	CCPFE	CCMCF	CPFE		PT.	N	CUR	PFE	AC1	AC2
1	1	139.66	1.20	8.6	1.20	8.6	0.00	**	1	1	1.00	1.40	92.000	0.00
2	1	153.37	.90	5.9	.90	5.9	0.00	**	2	1	1.50	1.10	152.000	0.00
3	2	141.94	1.10	7.7	1.10	7.7	0.00	**	3	2	1.00	1.30	23.400	0.00
4	1	109.98	.90	8.2	.90	8.2	0.00	**	4	1	1.50	1.10	109.000	0.00
5	2	119.87	.90	7.5	.90	7.5	0.00	**	5	2	1.50	1.10	29.700	0.00
6	3	114.68	1.40	12.2	1.32	11.5	.08	**	6	3	1.00	1.60	7.540	0.00
7	1	98.88	.90	9.1	.90	9.1	0.00	**	7	1	1.50	1.10	98.000	0.00
8	2	134.27	.80	6.0	.80	6.0	0.00	**	8	2	1.50	1.00	33.300	0.00
9	3	147.46	1.00	6.8	1.00	6.8	0.00	**	9	3	1.50	1.20	14.600	0.00
10	4	123.63	1.50	12.1	1.37	11.1	.13	**	10	4	1.00	1.70	4.060	0.00
11	2	122.05	.70	5.7	.70	5.7	0.00	**	11	2	1.50	.90	30.300	0.00
12	3	174.21	.70	4.0	.70	4.0	0.00	**	12	3	1.50	.90	17.300	0.00
13	4	236.11	.90	3.8	.90	3.8	0.00	**	13	4	1.50	1.10	11.700	0.00
14	3	125.36	1.10	8.8	1.10	8.8	0.00	**	14	3	1.50	1.30	12.400	0.00
15	4	157.98	1.40	8.9	1.31	8.3	.09	**	15	4	1.50	1.60	7.790	0.00

JOB 533 RUBY LINE 3 WEST-EAST SPREAD 1 5/8/70 500FEET=DIPOLE LENGTH
CAL GROUP NO. 1

CAL CUR	PFE	AC1	AC2	AC FREQ	DC FREQ	PFE CAL	RHO CAL
.500	.10	49.800	0.00	3.00	.30	.1000	1.0040

COMPUTED DATA									FIELD DATA					
POINT NO.	N	RHO	PFE	MCF	CCPFE	CCMCF	CPFE		PT.	N	CUR	PFE	AC1	AC2
1	1	107.45	1.20	11.2	1.20	11.2	0.00	**	1	1	2.00	1.30	141.000	0.00
2	1	183.21	1.80	9.8	1.80	9.8	0.00	**	2	1	2.00	1.90	239.000	0.00
3	2	225.23	1.60	7.1	1.60	7.1	0.00	**	3	2	2.00	1.70	73.600	0.00
4	1	237.76	1.20	5.0	1.20	5.0	0.00	**	4	1	1.50	1.30	234.000	0.00
5	2	146.80	.70	4.8	.70	4.8	0.00	**	5	2	2.00	.80	48.400	0.00
6	3	169.10	.70	4.1	.70	4.1	0.00	**	6	3	2.00	.80	22.300	0.00
7	1	96.74	1.00	10.3	1.00	10.3	0.00	**	7	1	.50	1.10	31.800	0.00
8	2	80.80	.10	1.2	.10	1.2	0.00	**	8	2	1.50	.20	20.100	0.00
9	3	91.48	.40	4.4	.30	3.2	.10	**	9	3	2.00	.50	12.100	0.00
10	4	122.48	.40	3.3	.27	2.2	.13	**	10	4	2.00	.50	8.100	0.00
11	2	134.52	1.50	11.2	1.50	11.2	0.00	**	11	2	.50	1.60	11.000	0.00
12	3	109.19	.70	6.4	.62	5.7	.08	**	12	3	1.50	.80	10.800	0.00
13	4	148.91	1.00	6.7	.90	6.0	.10	**	13	4	2.00	1.10	9.790	0.00
14	3	85.33	1.90	22.3	1.78	20.9	.12	**	14	3	.50	2.00	2.780	0.00
15	4	61.72	1.10	17.8	.75	12.2	.35	**	15	4	1.50	1.20	3.040	0.00
16	5	83.40	1.10	13.2	.72	8.6	.38	**	16	5	2.00	1.20	3.130	0.00

JOB 533 RUBY LINE 3 WEST-EAST SPREAD 1 5/8/70 500FEET=DIPOLE LENGTH
CAL GROUP NO. 2

CAL CUR	PFE	AC1	AC2	AC FREQ	DC FREQ	PFE CAL	RHO CAL
2.000	.30	197.000	0.00	3.00	.30	.3000	1.0152

COMPUTED DATA									FIELD DATA					
POINT NO.	N	RHO	PFE	MCF	CCPFE	CCMCF	CPFE		PT.	N	CUR	PFE	AC1	AC2
1	1	180.27	1.70	9.4	1.70	9.4	0.00	**	1	1	.50	2.00	58.200	0.00
2	1	111.88	1.10	9.8	1.10	9.8	0.00	**	2	1	1.50	1.40	109.000	0.00
3	2	222.80	1.60	7.2	1.60	7.2	0.00	**	3	2	.50	1.90	18.000	0.00
4	1	122.31	.40	3.3	.40	3.3	0.00	**	4	1	2.00	.70	160.000	0.00
5	2	113.68	.75	6.6	.75	6.6	0.00	**	5	2	1.50	1.00	27.800	-.10
6	3	220.20	1.40	6.4	1.40	6.4	0.00	**	6	3	.50	1.70	7.130	0.00
7	1	144.92	.70	4.8	.70	4.8	0.00	**	7	1	2.00	1.00	189.000	0.00
8	2	107.94	.45	4.2	.45	4.2	0.00	**	8	2	2.00	.70	35.300	-.10
9	3	92.38	1.10	11.9	1.00	10.8	.10	**	9	3	1.50	1.40	9.000	0.00
10	4	177.00	1.60	9.0	1.52	8.6	.08	**	10	4	.50	1.90	2.860	0.00
11	2	130.83	.60	4.6	.60	4.6	0.00	**	11	2	2.00	.90	42.700	0.00
12	3	100.34	.60	6.0	.51	5.1	.09	**	12	3	2.00	.90	13.100	0.00
13	4	86.01	1.15	13.4	.93	10.8	.22	**	13	4	1.50	1.40	4.190	-.10
14	3	225.74	.50	2.2	.50	2.2	0.00	**	14	3	2.00	.80	29.500	0.00
15	4	185.55	.70	3.8	.70	3.8	0.00	**	15	4	2.00	1.00	12.100	0.00

533

INDUCED POLARIZATION SURVEY

AND

GEOLOGIC INVESTIGATION

OF

TRIPLE H CLAIM GROUP - COBRE MOUNTAIN

SECTIONS 2 AND 11 T. 22 S., R. 10 E.

SANTA CRUZ COUNTY, ARIZONA

for

NORTH AMERICAN MINES, INC.

by

HEINRICHS GEOEXPLORATION COMPANY
P. O. BOX 5964
TUCSON, ARIZONA
TELEPHONE - 1-602-623-0578

MAY 1970

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Location Map

Introduction - 1

Conclusions and Interpretation - - - - - - - - - - - - 1-2

Geologic Interpretation - - - - - - - - - - - - - - - - 2-3

Appendix:

I.P. Data Sheets - Lines 1, 2 and 3.

Claim and I.P. Line Plan Location Map.

Geologic Map.

GENERAL LOCATION
of
TRIPLE H CLAIMS 36, 37, 40 - 48
PLATA COPPER JACK POT
COPPER JACK POT NO. 2

ARIZONA

HEINRICHS
GEOEXPLORATION COMPANY
GEOPHYSICAL ENGINEERS

AUSTRALIA
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Crows Nest, NSW
Phone: 439-1793

U.S.A.
Post Office Box 5964
Tucson, Arizona 85703
Phone: (602) 623-0578
Cable: GEOEX, Tucson

At the request of Mr. Q. A. Shaw, President, North American Mines, Heinrichs GEOEXploration Company conducted 3 lines of induced polarization and a geologic investigation near Cobre Mountain during the period of 6 May 1970 to 9 May 1970. This property includes the following claims:

Triple H No. 36, 37 and 40 through 48, Plata
Copper Jack Pot and Copper Jack Pot No. 2.

The lines consisted of a 5-electrode array, with a dipole length of 500 feet. Two lines covered approximately 6500 feet and the other line was 6000 feet long, giving a total linear coverage of 19,500 linear footage of I.P. data with a total "subsurface" plotted data of 10,500 feet. The data are plotted on sectional data plots which are included in this report.

CONCLUSIONS AND INTERPRETATION

The data does not show any interesting anomalies, which is somewhat surprising in view of the near-surface outcroppings of sulphide mineralization in the area. The data on Line 2 does show a slight increase in the PFE (percent frequency effect) on the extreme western end of that line, but probably represents only background effects near-surface. The rest of Line 2 is a good example of what the background effects are. These effects are noted in every type of rock - mineralized or not. Only when

there is a deviation from these background effects can one assume there is reason to suspect economic mineralization. There is no deviation of this nature in the data. On Lines 2 and 3 there is a slight increase in the metallic conduction factors at the western end of the line with a corresponding drop in resistivity. This is a somewhat normal effect often associated with a change in rock type - such as one encounters when crossing an alluvium-filled valley situated between a ridge of tighter rock, like the granitic, andesitic, or rhyolitic rock in the area.

In summary, there is nothing in the data to indicate any appreciable economic mineralization in the area tested for the I.P. effect.

GEOLOGIC INVESTIGATION

The regional geology of the Cobre Mountain area consists of volcanic rocks as flows, dikes and plugs of andesitic to rhyolitic composition. Also included are granitic to dioritic dikes and plugs.

The claim group, in particular, consist of prominent NW trending rhyolite dikes, an andesite porphyry and some diorite outcropping. There are several small workings within or near the claims which show evidence of sulfide mineralization as well as copper oxides. The mineralized areas are associated with the

silicified rhyolite dikes and plugs. The workings are small and very localized. The mineralization does not appear to be associated with structural controls nor does it occur in all silicified zones.

The geologic map was made from outcrop occurrences. The uncolored portions consist of float of a rhyolite to rhyolite porphry composition.

The geology was mapped by D. Fisher, Jr. Geologist and the Induced Polarization survey was directed by W. Freeman, Geophysicist under the direct supervision of D. Cooley, Geologist.

Respectfully submitted,

HEINRICHS GEOEXPLORATION COMPANY

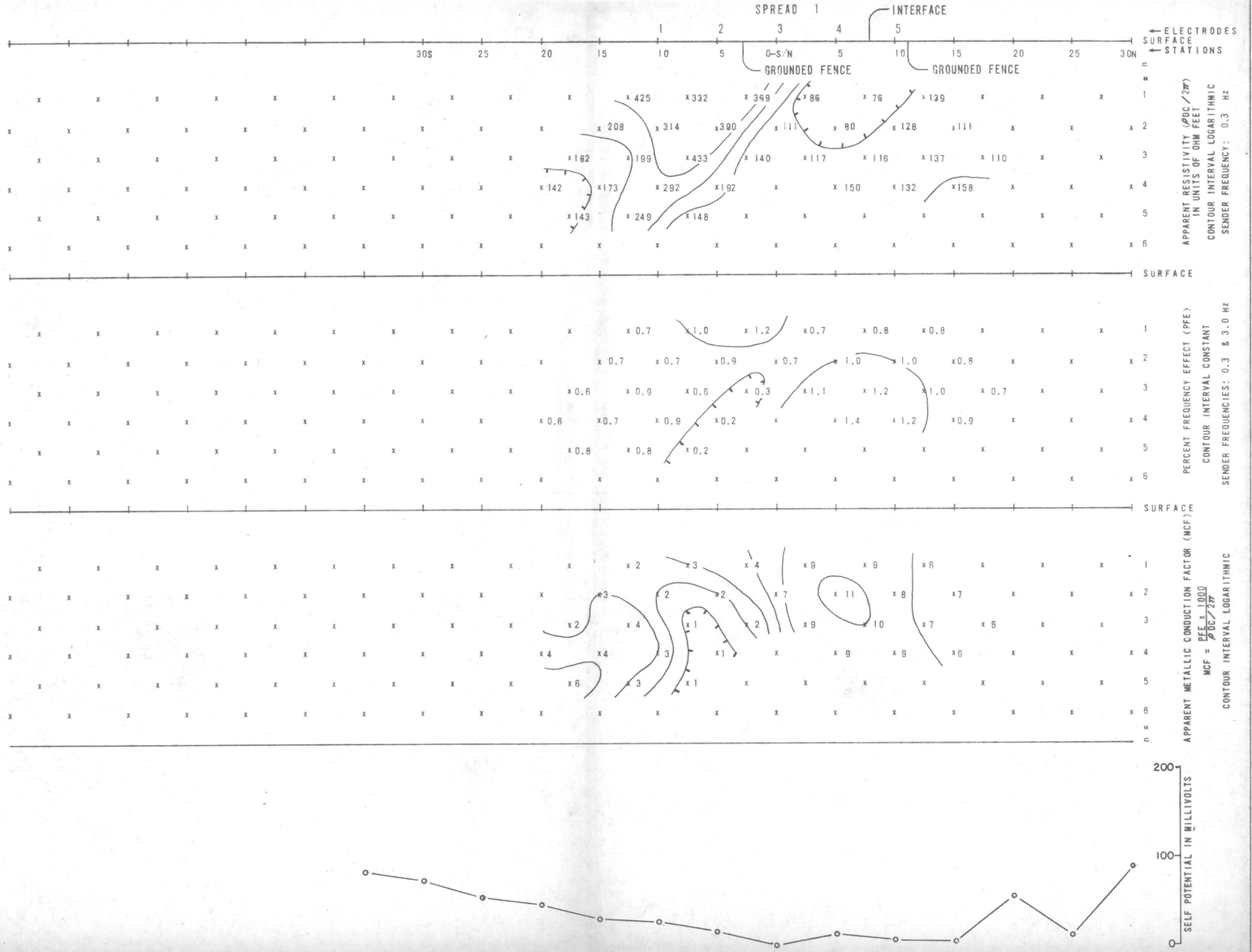
REGISTERED GEOLOGIST
CERTIFICATE NO. 7482
DONALD B. COOLEY
DATE SIGNED 15 May 78
Arizona U. S. A.

Donald B. Cooley

Donald B. Cooley
Geologist

DBC/md

APPENDIX



533-70

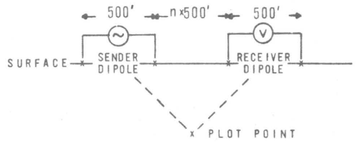
LINE NO. 1

SPREAD(S) 1

INDUCED POLARIZATION TRAVERSE SECTIONAL DATA SHEET for NORTH AMERICAN MINES

RELATIVE ANOMALY STRENGTH

DIPOLE DIPOLE ELECTRODE ARRAY



AREA

COBRE MOUNTAIN

LOOKING

WEST

DATE

MAY 1970

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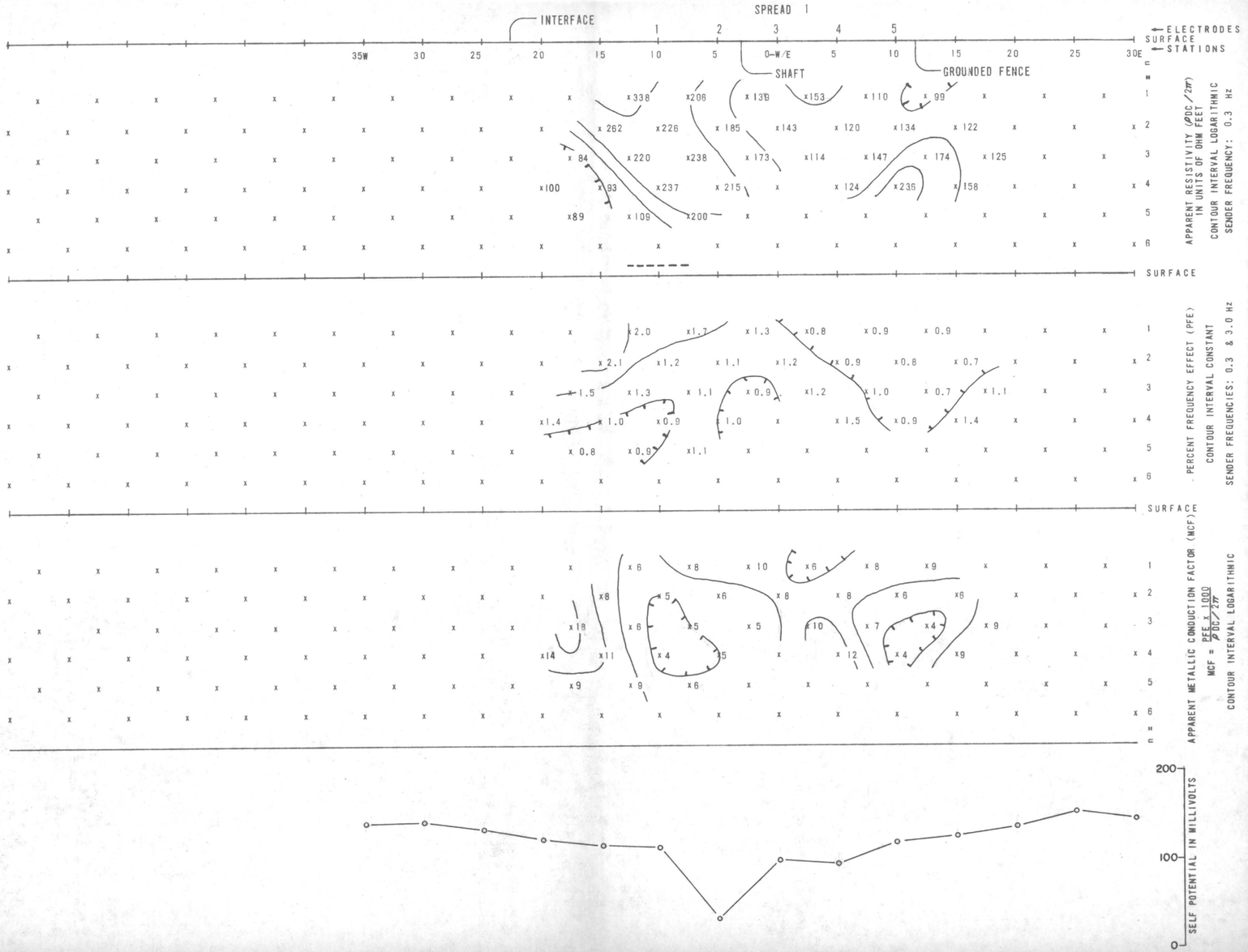
533-70

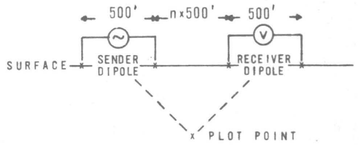
LINE NO.
2
SPREAD(S)
1

INDUCED POLARIZATION TRAVERSE SECTIONAL DATA SHEET for NORTH AMERICAN MINES



RELATIVE ANOMALY STRENGTH

DIPOLE DIPOLE ELECTRODE ARRAY



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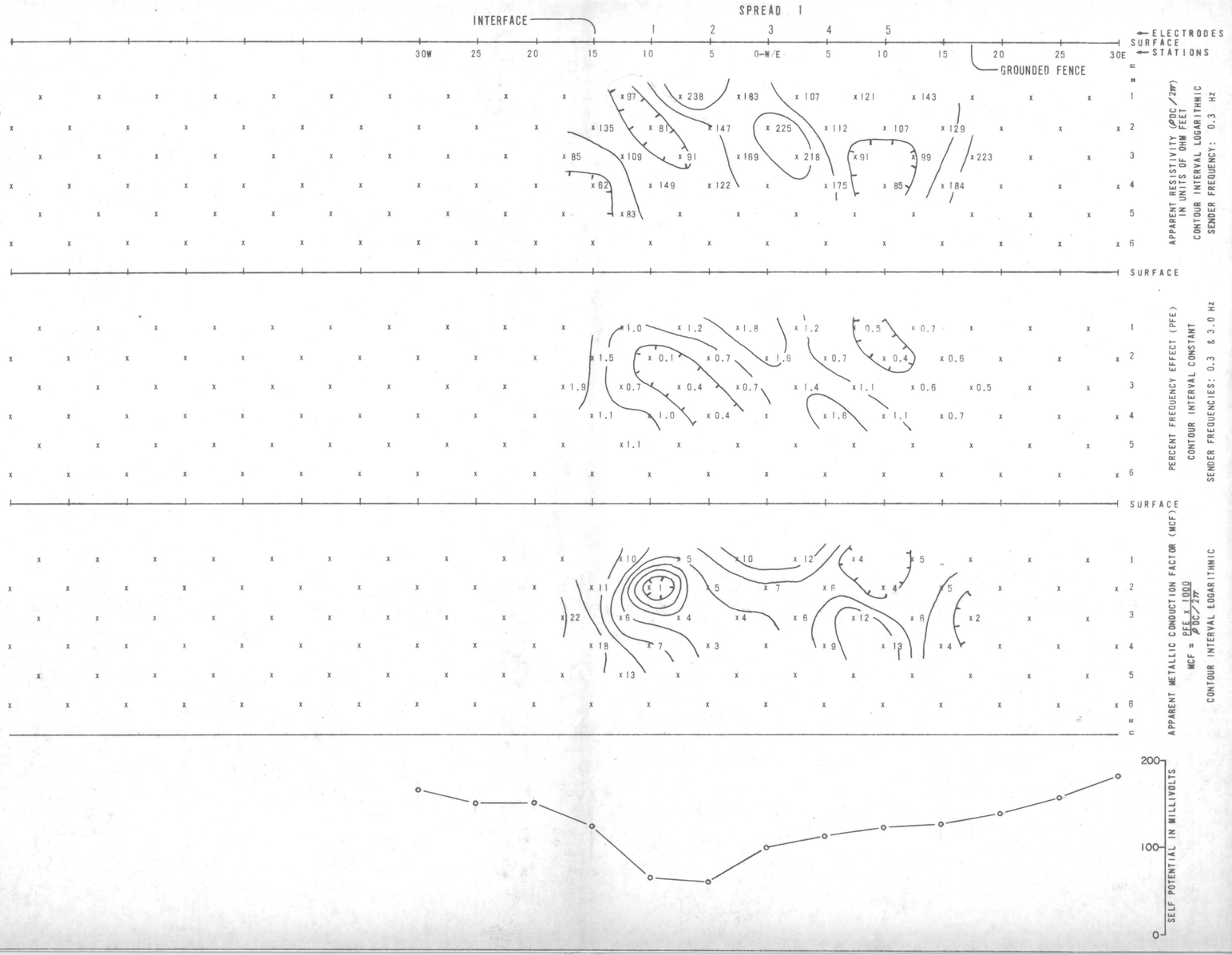
533-70

LINE NO.
3
SPREAD(S)
1

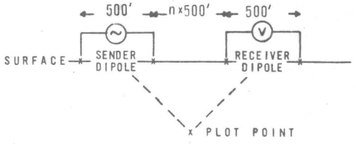
INDUCED POLARIZATION TRAVERSE SECTIONAL DATA SHEET for

NORTH AMERICAN MINES



RELATIVE ANOMALY STRENGTH

DIPOLE DIPOLE ELECTRODE ARRAY



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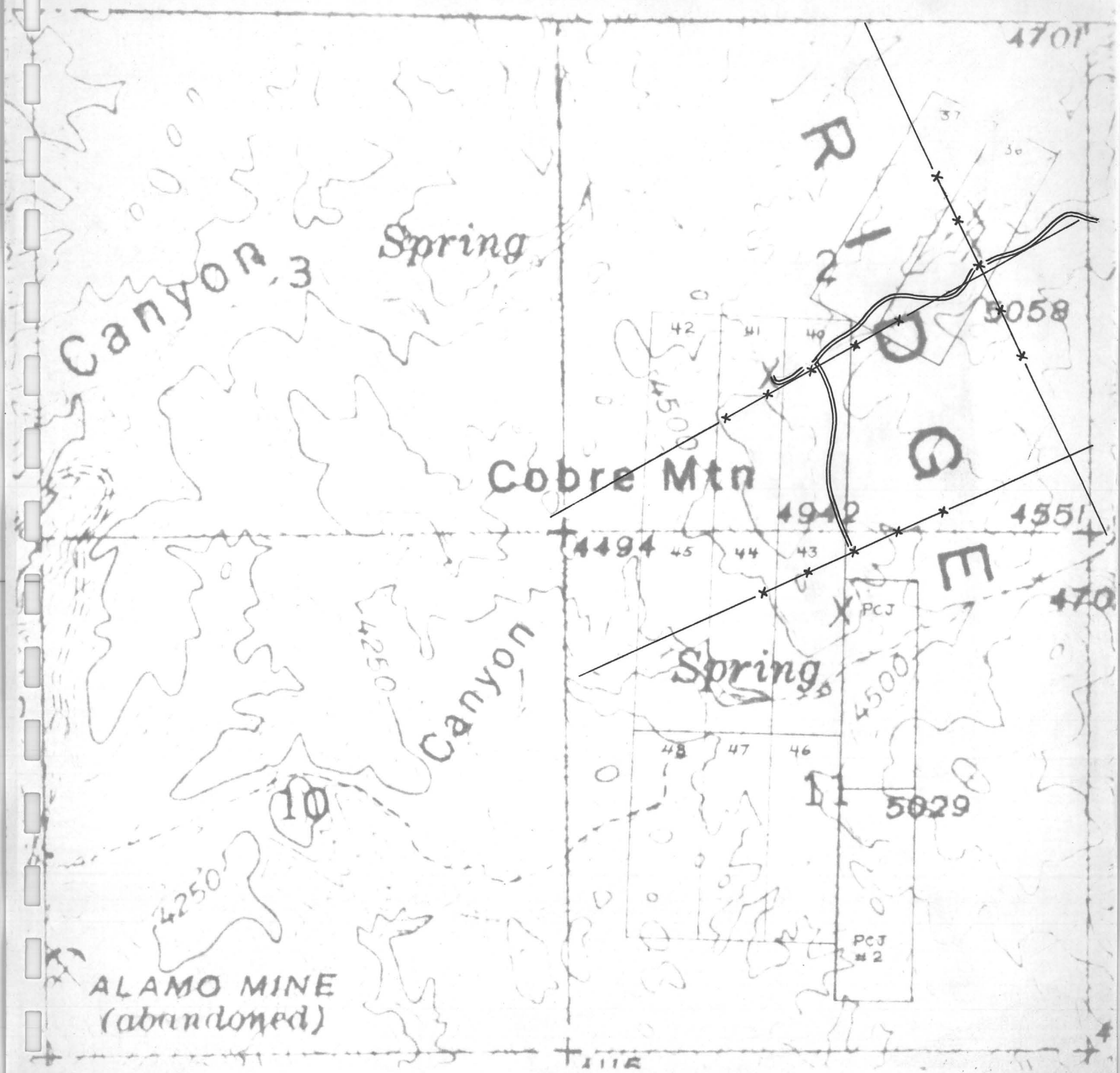


CLAIM AND IP LOCATION MAP

TRIPLE H CLAIMS 36, 37, 40 - 48

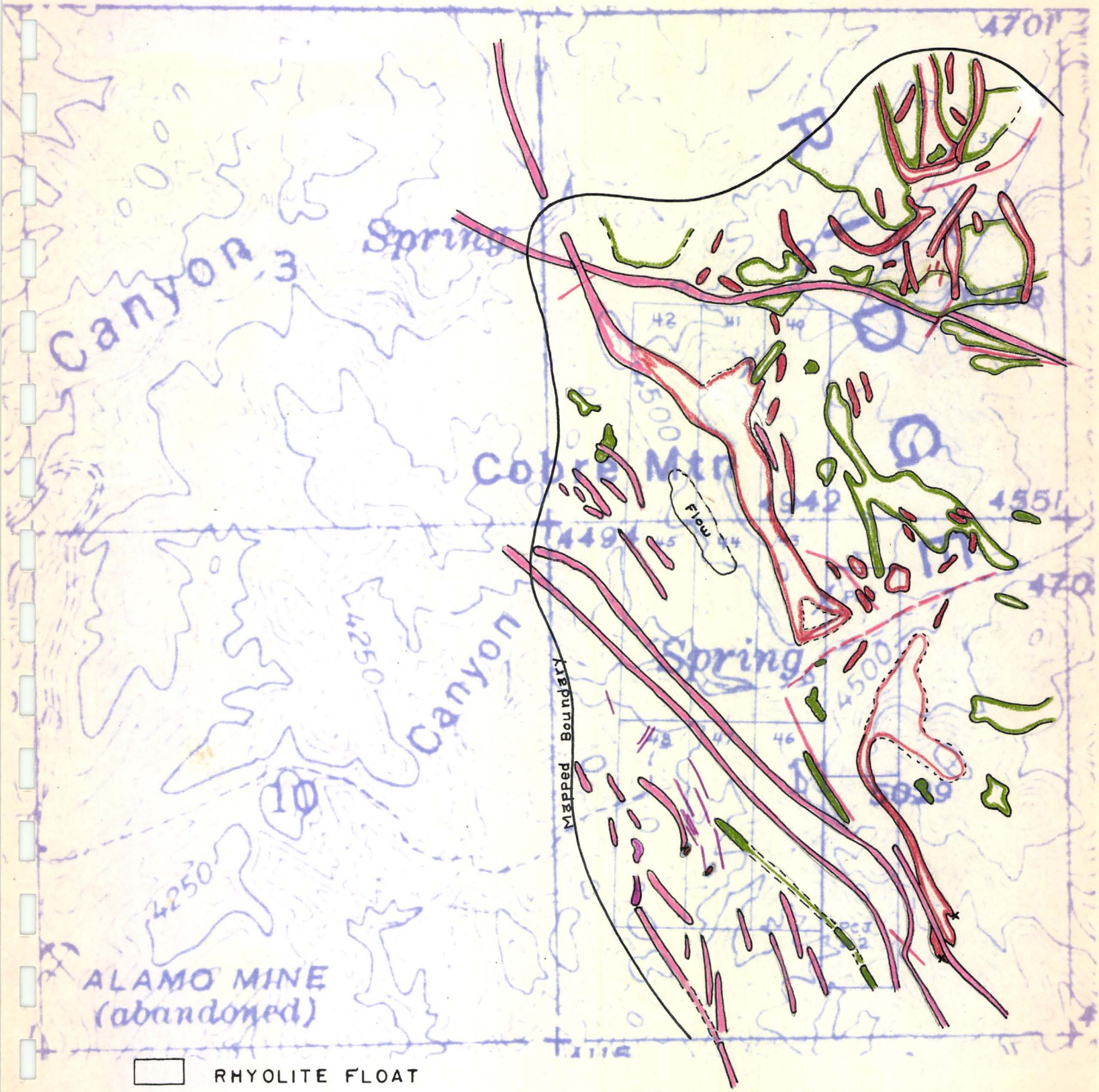
PLATA COPPER JACK POT

COPPER JACK POT NO. 2

SECTIONS 2, 11 T 23 S, R 10 E

MAY, 1970

BASE BY C. H. HAGERTY



RHYOLITE FLOAT

ANDESITE PORPHYRY

SILICIFIED RHYOLITE
LOCALLY MINERALIZED

RHYOLITE PORPHYRY

DIORITE

OUTCROP BOUNDARY

FAULT

GEOLOGY OF COBRE MTN.
SANTA CRUZ COUNTY, ARIZONA

D.F.

433

COPY

North American Mines, Inc.

HEINRICHS
GEOEX
Cable: GEOEX

REC'D JUN 4 1970 REC'D

June 1, 1970

BOX 5964 TUCSON, ARIZONA 85703
Phone: (AREA 602) 623-0578

Via Air Mail

Mr. Charles H. Hagerty
P.O. Box 40
Arivaca, Arizona 85601

Dear Mr. Hagerty:

Thank you very much for your kind letter of May 27, 1970 just received.

I am sorry that the Geophysical work on your Triple H Group was not encouraging and that consequently we are forced to drop the option.

I appreciate your enthusiasm for the Arivaca area, but we must be guided by our Geophysical results and therefore decline your suggestions of taking up further claims with you.

We will certainly keep you in mind if we should need additional help in the Southwest.

With personal regards!

Sincerely,

s/ Quincy A. Shaw

QAS/ms

Copy: Mr. Victor H. Verity
Heinrichs Geoexploration Company
Mr. William Mackay

May 27, 1970

Mr Quincy A. Shaw
60 State St.
Boston, Mass. 02109

RECEIVED
MAY 29 1970

Q.A.S., Jr.
H. L. T.
SEOS
ACK.
DATE 6/1/70
BY ZAS

Dear Mr Shaw:

Thank you for your letter of the 19th together with your enclosed check.

I regret that the geophysical information obtained by Heinrichs Geo, did not meet your anticipated requirement.

With due respect for your judgment, I still feel that the additional mineralization in the propinity of the mines in question contain large quantities of copper ore; Based upon this theory, I am convinced that by picking up six or more sections there, the operation would prove economically feasible.

I impressed the importance of this fact to the Deputy about ten days before I received your letter and he was impressed by the merit of this plan and the outlay of the minimum expenditure, with no additional remuneration to me

With the foregoing information in mind I would appreciate your reconsidering possible continuance of our agreement with the rest of the Triple A. Group of 18 claims included in the deal.

It is quite impressive for Arizona, that "International Mogul" of Canada have already staked out 111 sections in the Arizona district and are now looking over the Oro Blanco area.

Regardless of the outcome of our negotiations I do want to say that it was a real pleasure having the opportunity of meeting you during your visit to Arizona and I sincerely hope that I may have the pleasure of seeing you again in the near future.

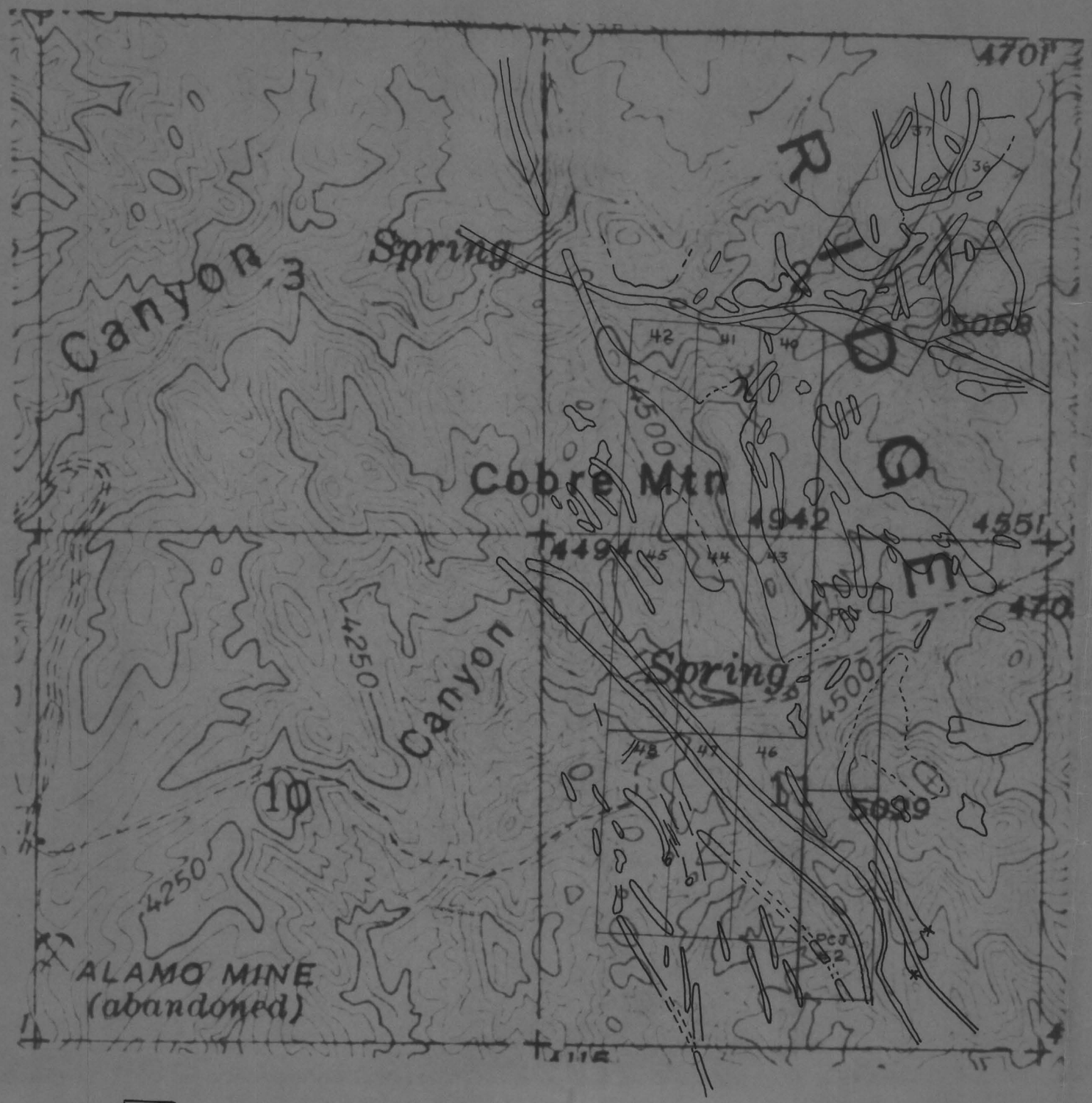
In summation, in the event that you should ever desire additional representation in the Western states, I would consider it a real pleasure

to secure employment with you in searching for other desirable mineral deposits.

With kindest personal regards

Yours very truly,

Charles H. Hagerty



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SILICIFIED RHYOLITE
LOCALLY MINERALIZED

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