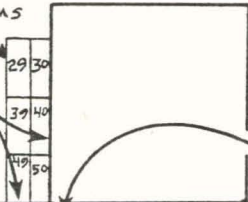


DOUGLAS CO.  
JOSEPHINE CO.

JOSEPHINE  
COUNTY  
LEASE

T 33 S

FOG  
CLAIMS



GOFF  
MINE

AMSELCO CLAIMS  
(HEDGE HOG)

HEDGE HOG  
EXTENSION  
CLAIMS

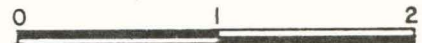
ROGUE RIVER

8W  
R7E

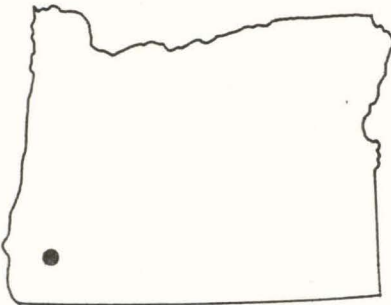
GRAVE CREEK


7W  
R8E

ROGUE RIVER



SCALE IN MILES



 <b>AMSELCO EXPLORATION INC.</b>		
<b>GOFF MINE LOCATION MAP GALICE, ORE. QUAD. 15 MIN.</b>		
Date: 11-5-84	Mapped by: WCM	Drawn by: LJC
Approved by:	Revised:	Revised:

LEGEND

- QUARTZ-SERICITE-SULFIDE SCHIST
- DRILL HOLE / NUMBER
- VLF EM/16 STRONG CONDUCTOR
- ⋯ ALTERED INTERMEDIATE TO FELSIC VOLCANICS

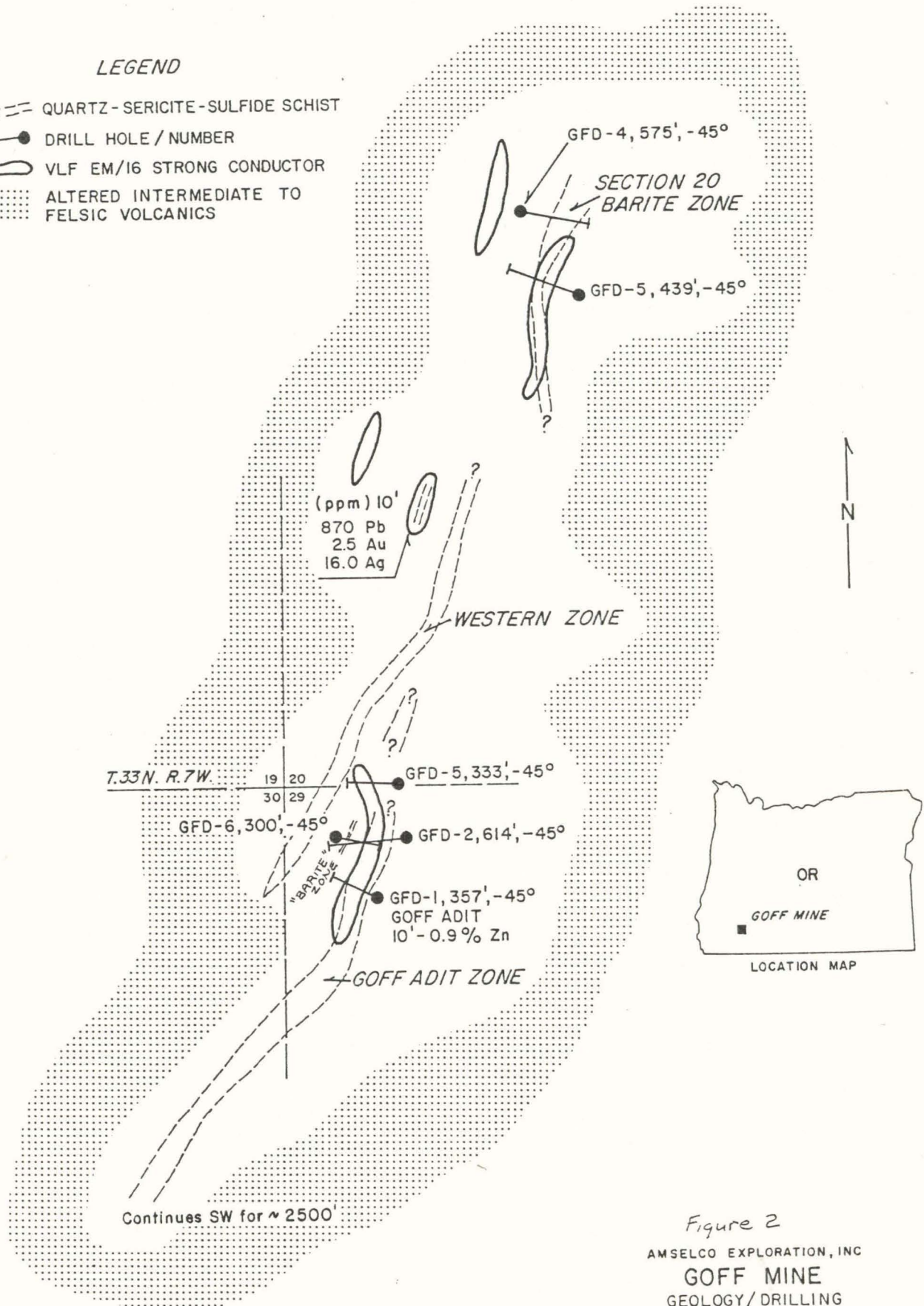
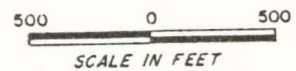


Figure 2

AMSELCO EXPLORATION, INC  
**GOFF MINE**  
 GEOLOGY/DRILLING  
 SAMPLING/VLF DATA



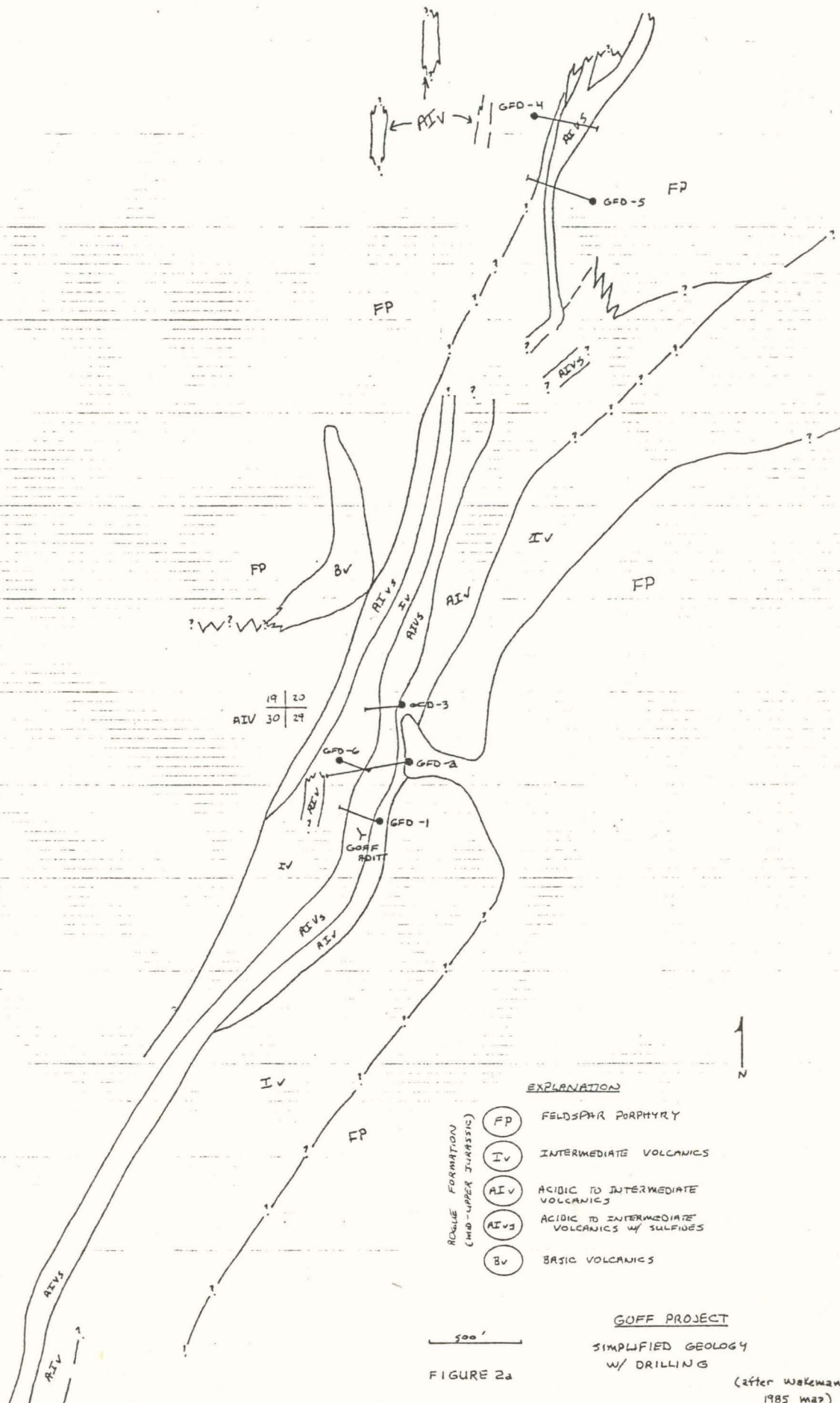


FIGURE 3a

GFD 1 DRILLING  
SECTION ORIENTED 290° - 110°  
LOOKING NNE

WNW

ESE

2500'

2400'

2300'

2200'

2100'

2000'

2500E

2500E



MAFIC FLOW OR TUFF



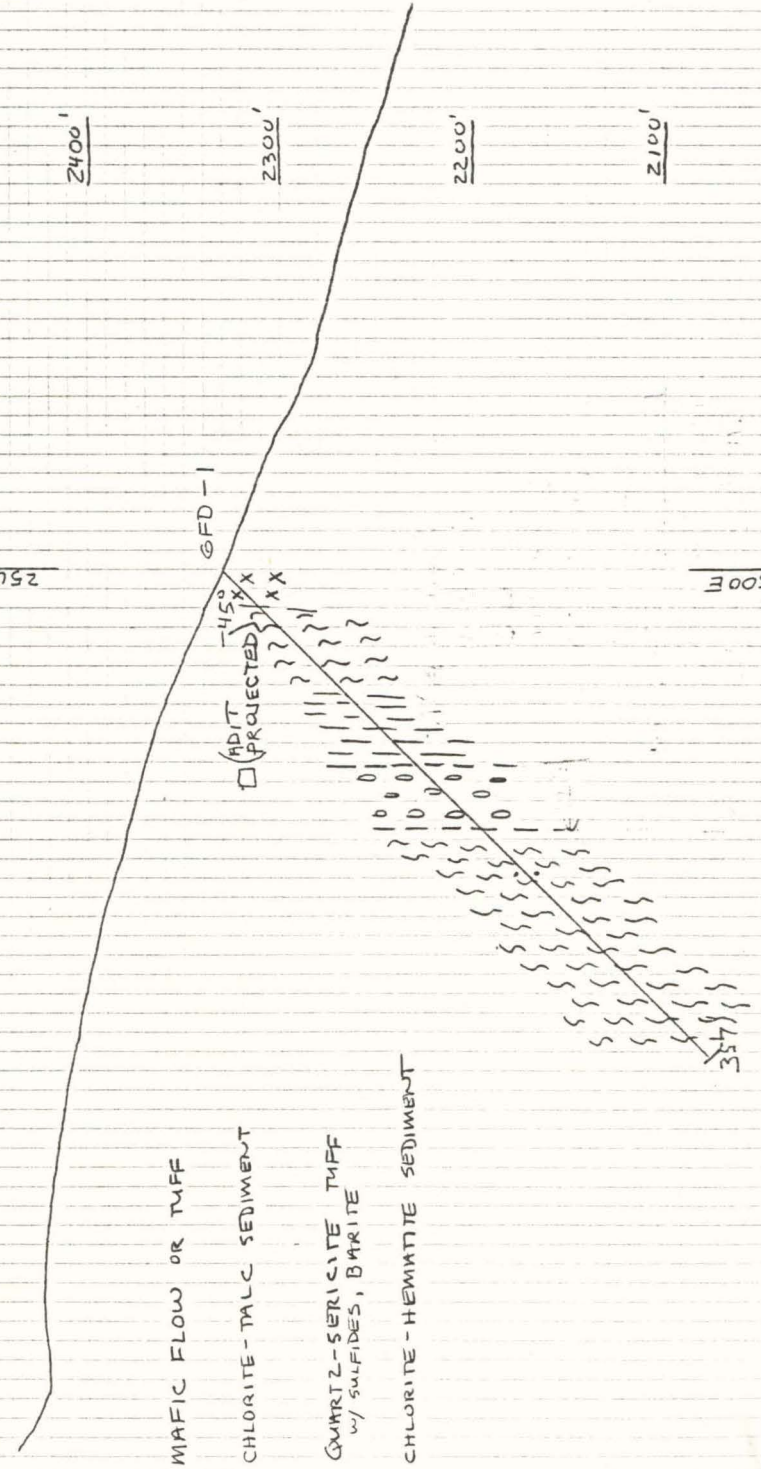
CHLORITE-TALC SEDIMENT



QUARTZ-SERICITE TUFF  
w/ SULFIDES, BARITE

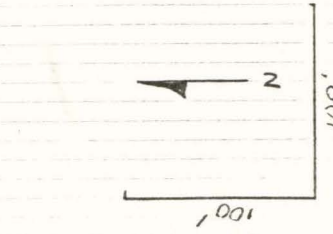


CHLORITE-HEMATITE SEDIMENT



GFD-1

ADIT (PROJECTED)  
45°

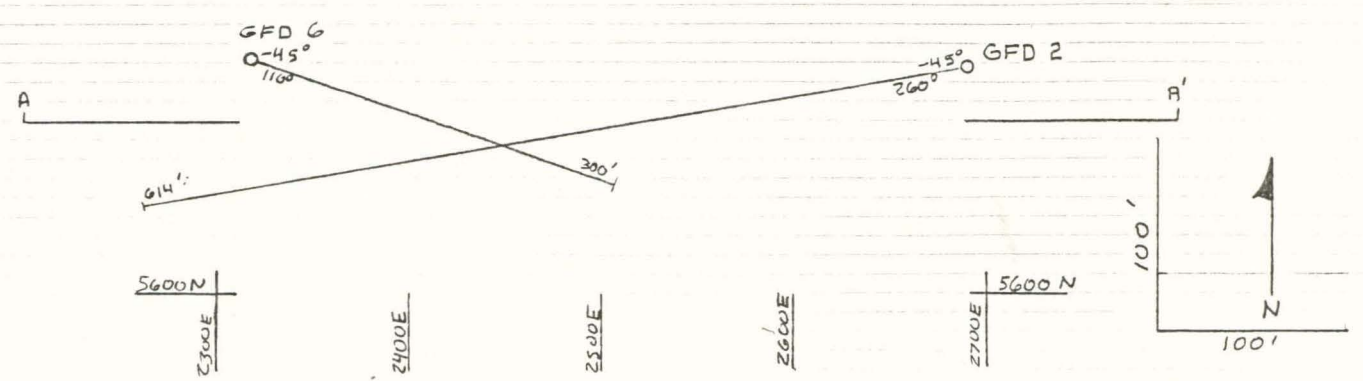
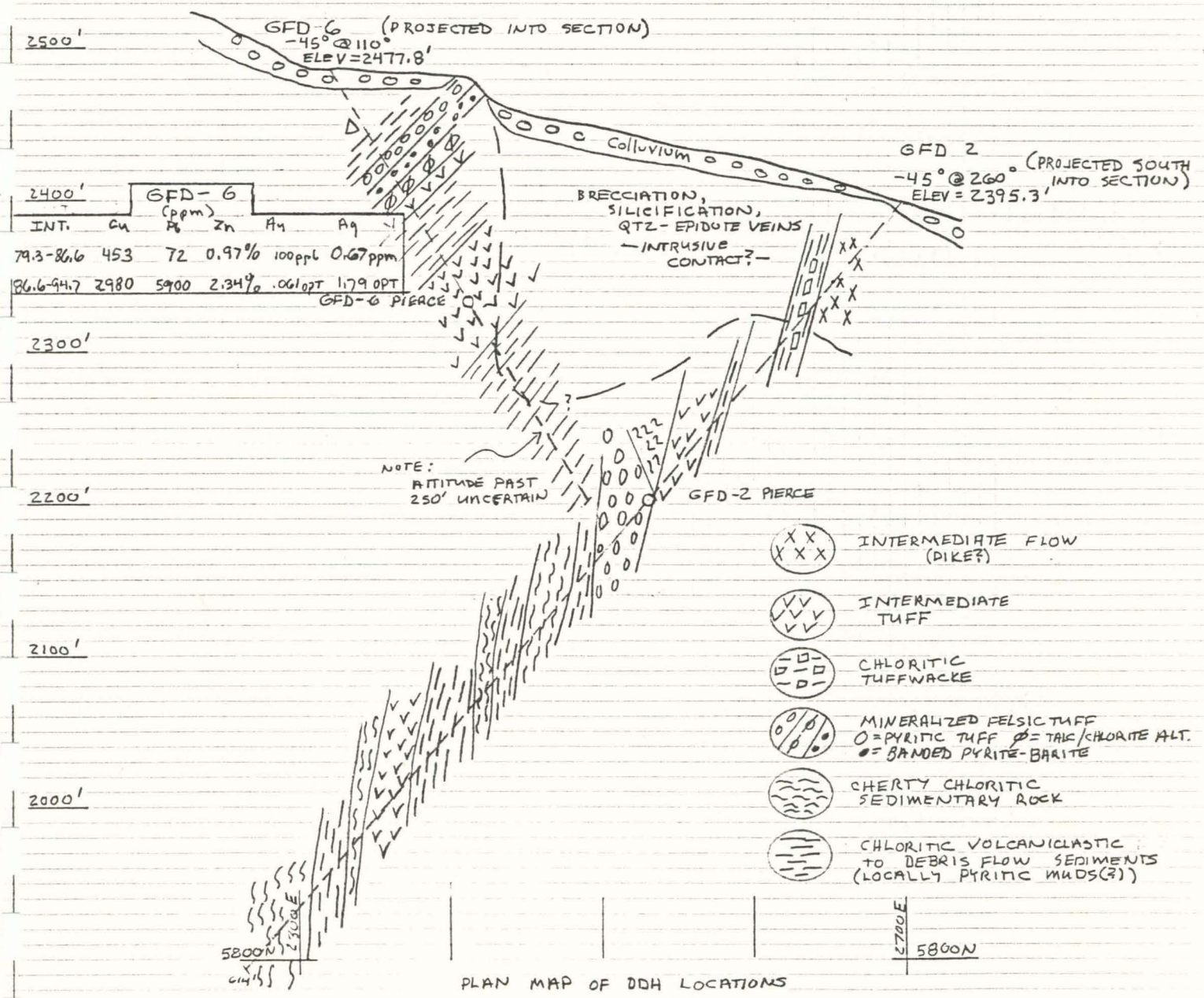


SCALE

GOFF PROJECT  
1985 ANNUAL REPORT  
DRILL SECTION THRU GFD-1

FIGURE 36

GOFF DRILLING  
W-E CROSS SECTION @ 5715 N



GFD 3 DRILLING  
SECTION ALONG 265° - 85° TREND  
LOOKING NORTH

2700'

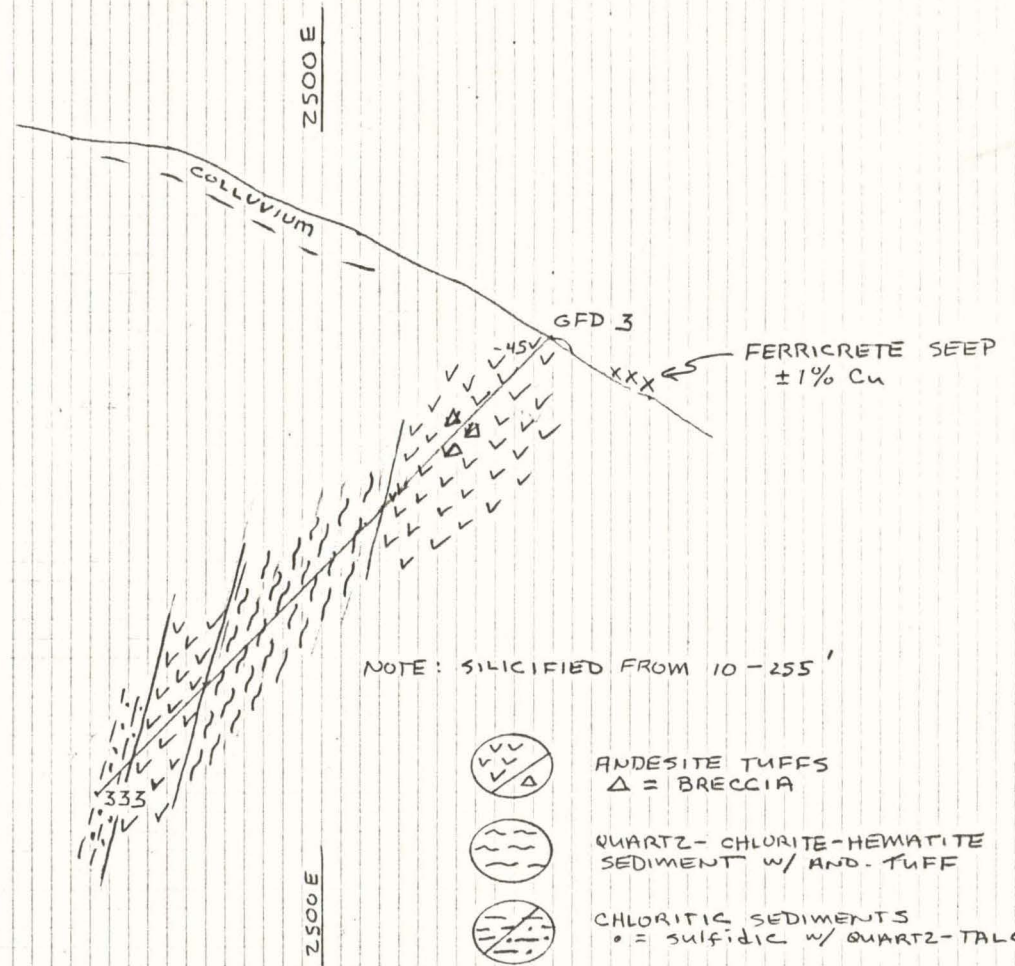
2600'

2500'




2400'

2300'

2200'






NOTE: SILICIFIED FROM 10-255'

-  ANDESITE TUFFS  
△ = BRECCIA
-  QUARTZ-CHLORITE-HEMATITE  
SEDIMENT W/ AND-TUFF
-  CHLORITIC SEDIMENTS  
• = SULFIDIC W/ QUARTZ-TALC

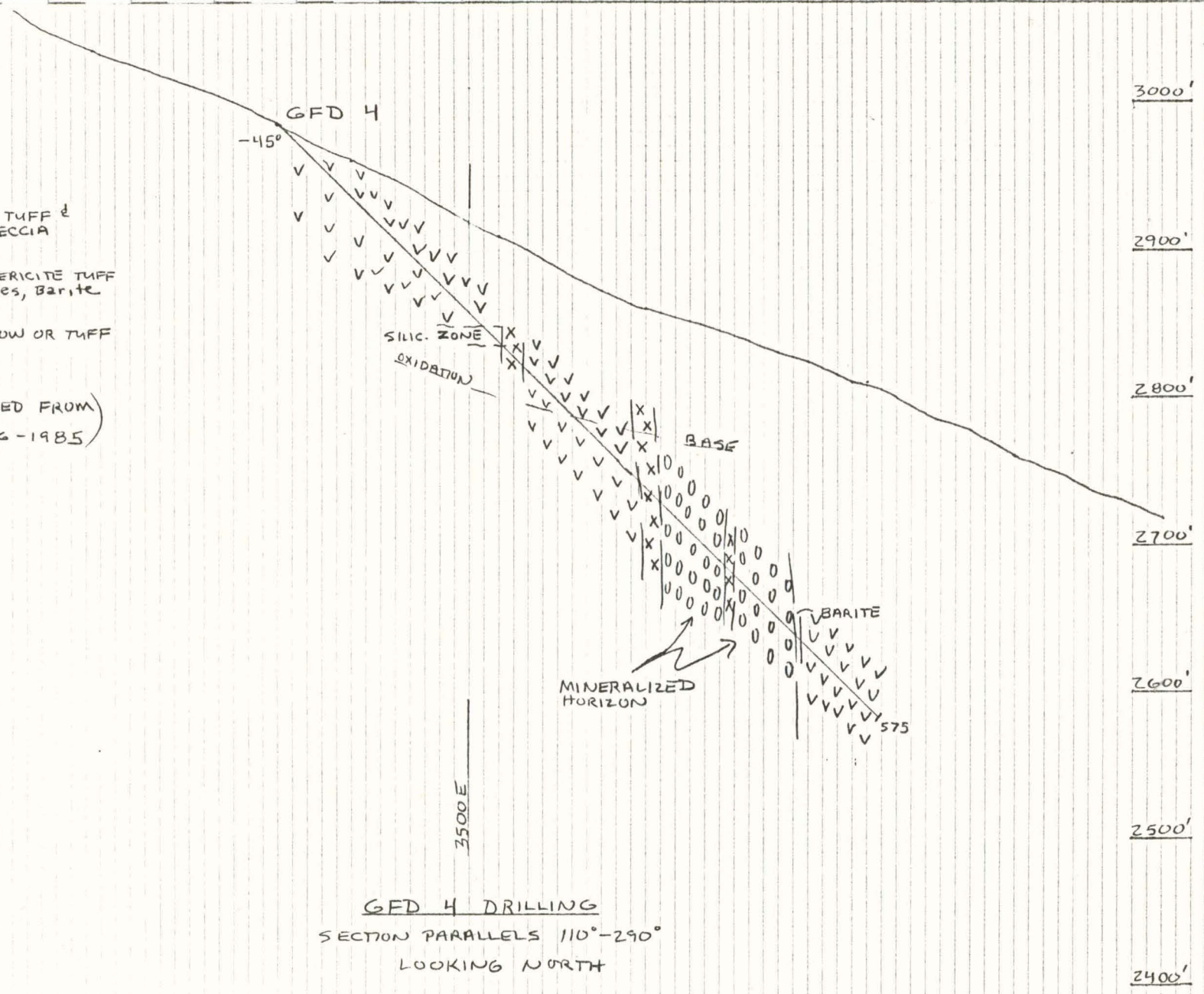
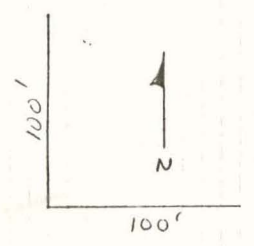
NOTE: GEOLOGY BASED  
ON DRB LOG-1985

GUFF PROJECT  
1985 ANNUAL REPORT

FIGURE 3c

-  CHLORITIC TUFF &  
TUFF-BRECCIA
-  QUARTZ-SERICITE TUFF  
w/ sulfides, Barite
-  MAFIC FLOW OR TUFF

(SIMPLIFIED FROM)  
WCM LOG-1985)








GFD 4 DRILLING  
SECTION PARALLELS 110°-290°  
LOOKING NORTH

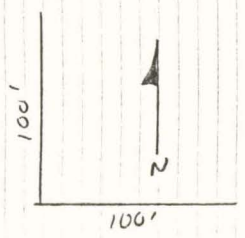
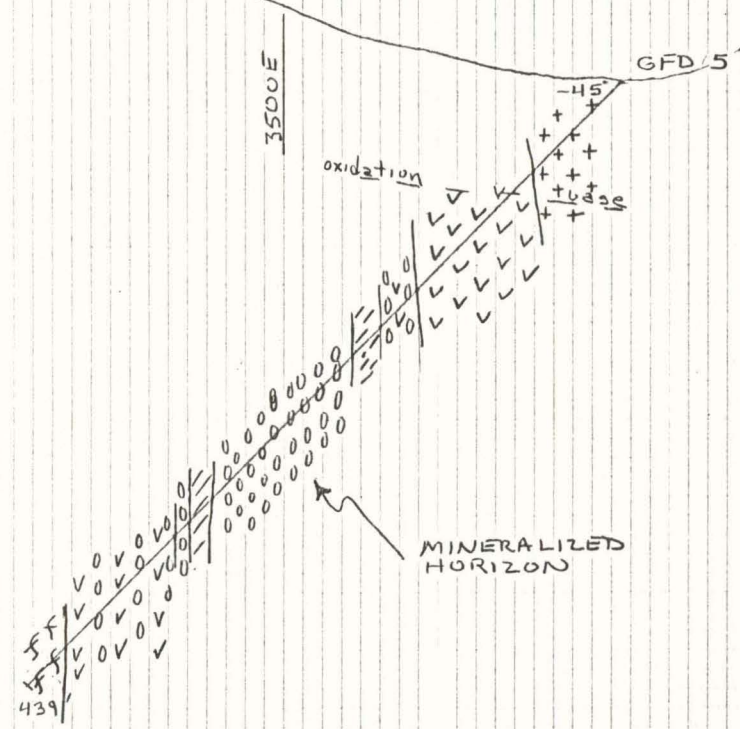
FIGURE 3d

GFD 5 DRILLING  
SECTION ALONG 290°-110° TREND  
LOOKING NORTH

3000'  
2900'  
2800'  
2700'  
2600'  
2500'  
2400'

-  DACITE PORPHYRY
-  CHLORITIC TUFF & TUFF-BRECCIA
-  INTERBEDDED CHLORITIC & FELSIC TUFFS
-  CHLORITE-EPIDOTE TUFF
-  QUARTZ-SERICITE TUFF w/ sulfides, barite
-  SILICIFIED CHLORITE-HEMATITE TUFF (?) OR SEDIMENT

(SIMPLIFIED FROM WCM)  
DRILL LOG -1985



3500E

GUFF PROJECT  
1985 ANNUAL REPORT

FIGURE 3e



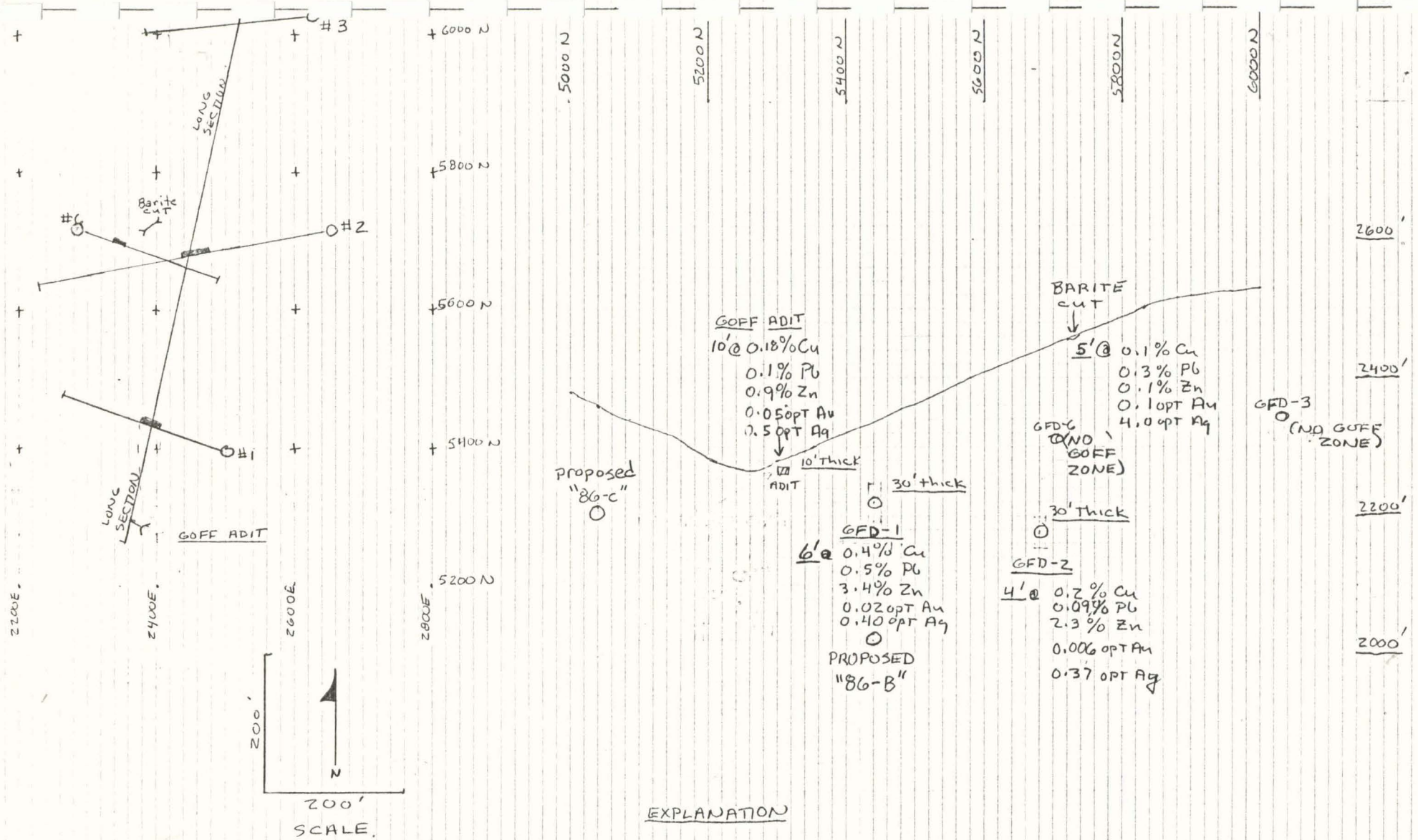


FIGURE 4

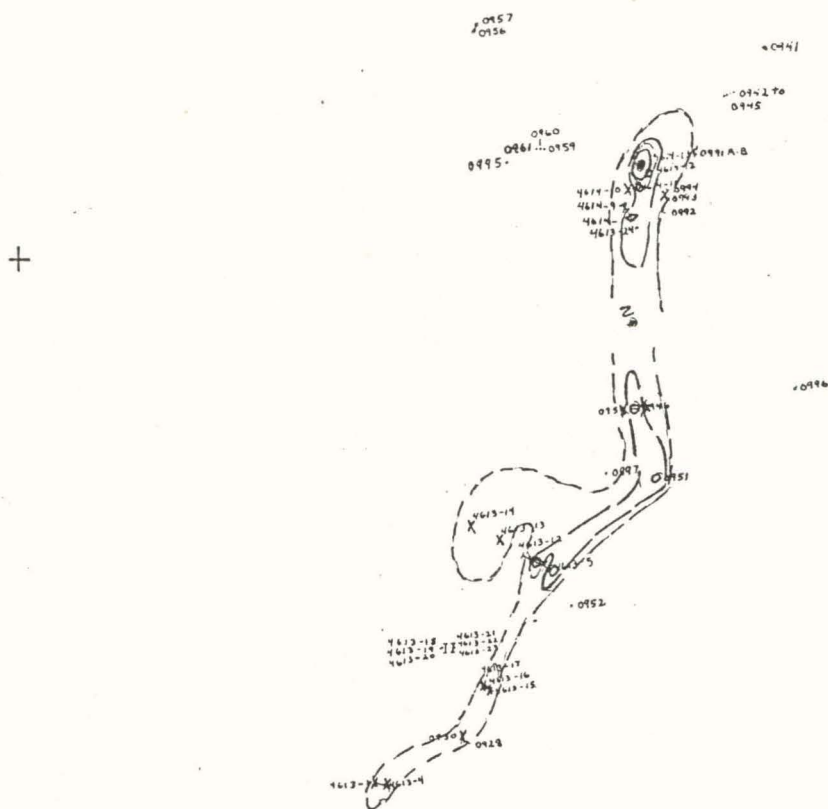
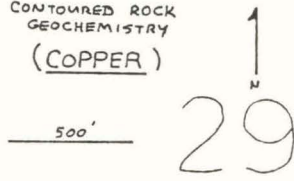


Figure 5a

GOFF PROJECT  
 CONTOURED ROCK  
 GEOCHEMISTRY  
 (COPPER)



Cu  
 (ppm)  
 ————— >1750  
 - - - - - 1000-1749  
 . . . . . 500-999  
 - · - · - 200-499

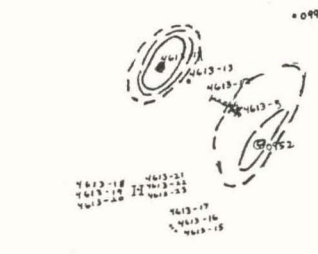
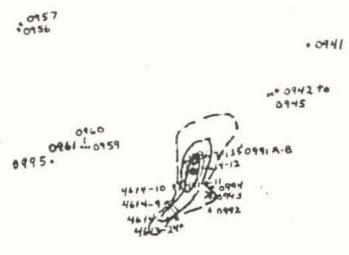


0187

0168

0188  
 0189

+



19|20  
30|29

Figure 5b

GOFF PROJECT  
CONTOURED ROCK  
GEOCHEMISTRY

(LEAD)

500'

N  
29

- 7750
- - - 500-749
- 250-499
- - - 50-249

0167

0187

0168

0188  
0180





GFD-4

GFD-5

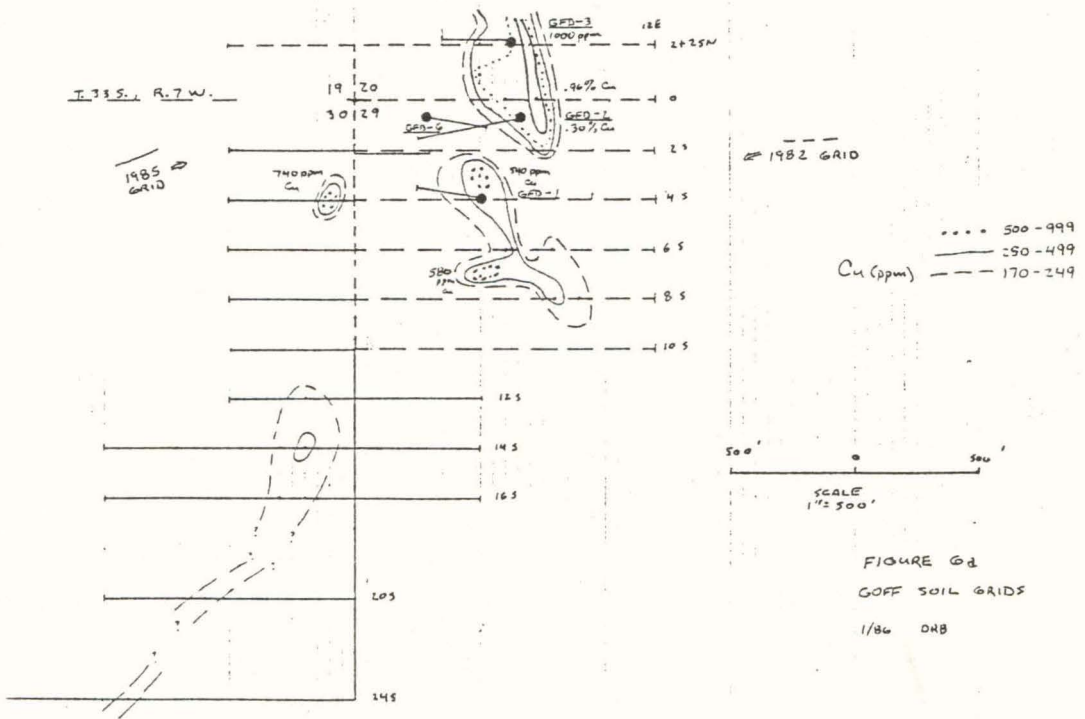
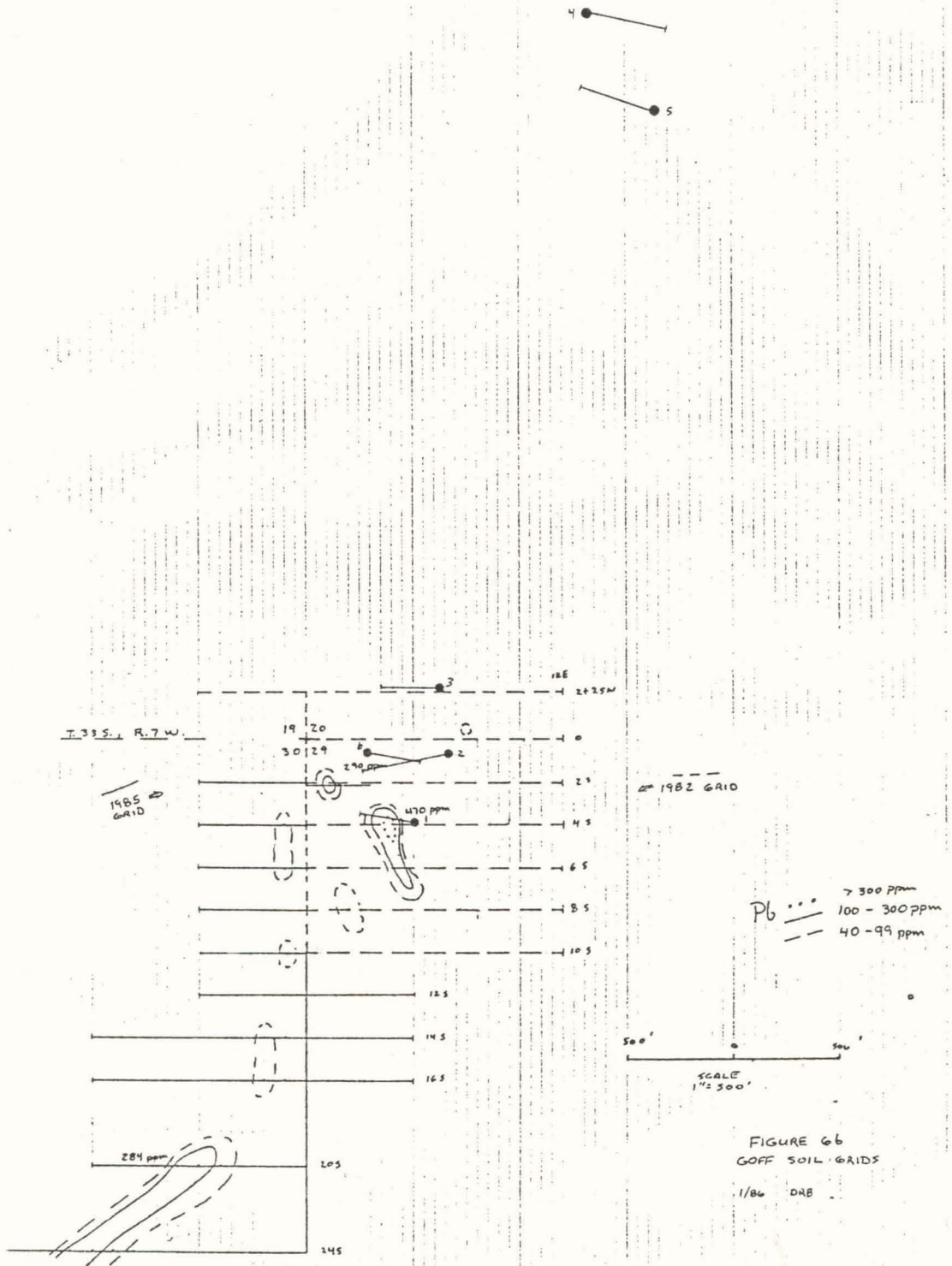
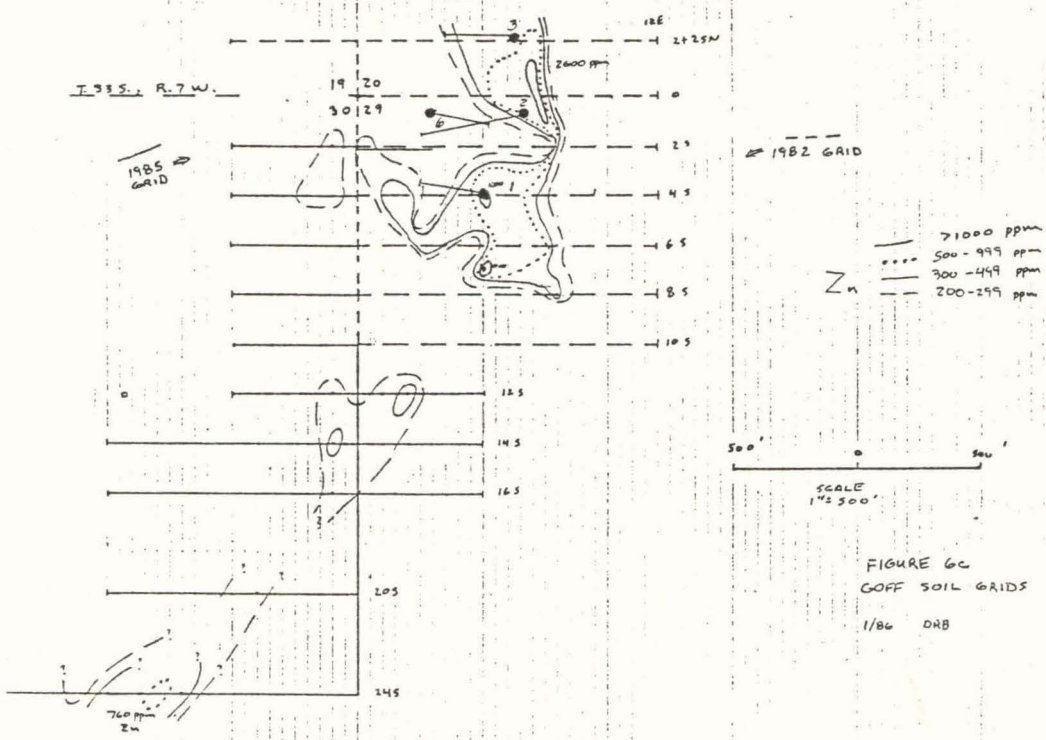
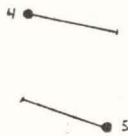


FIGURE Gd  
GOLF SOIL GRIDS  
1/86 DNB









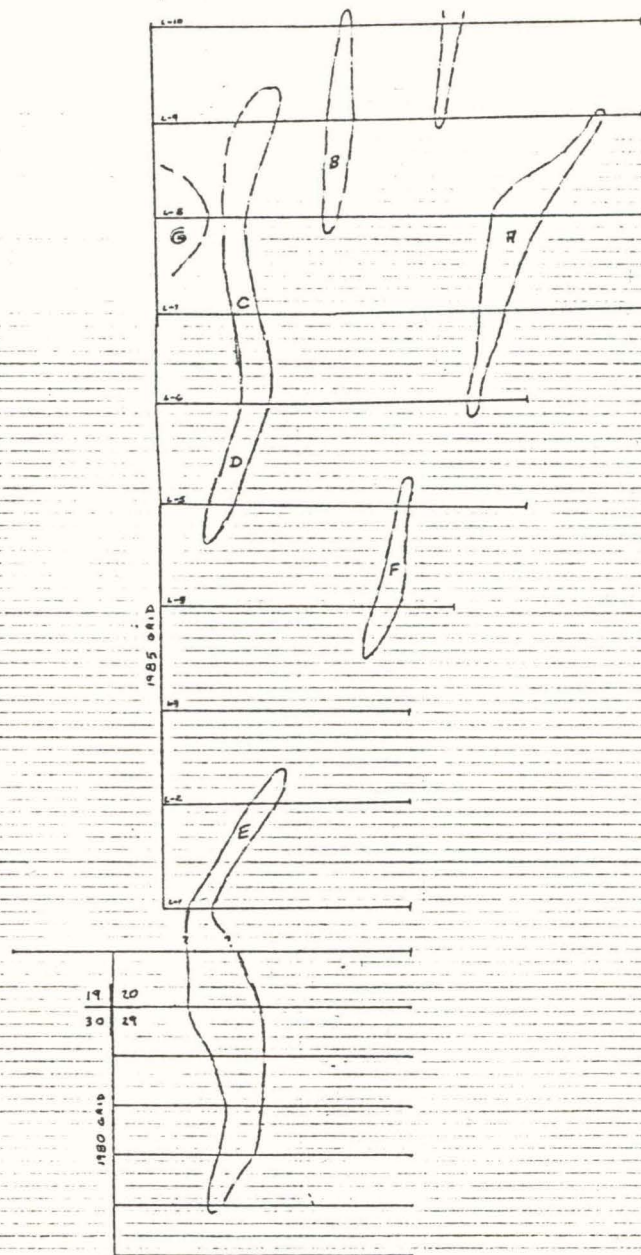


FIGURE 8  
 GOFF PROJECT  
 VLF/EM-16

(after Bronskill, 1985)

PROPOSED 1986 DRILLING  
BARITE CUT / GOFF MINE

DRILL SECTION ORIENTED 290°-110°  
LOOKING NWE

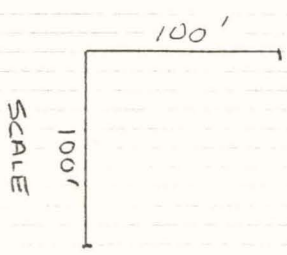
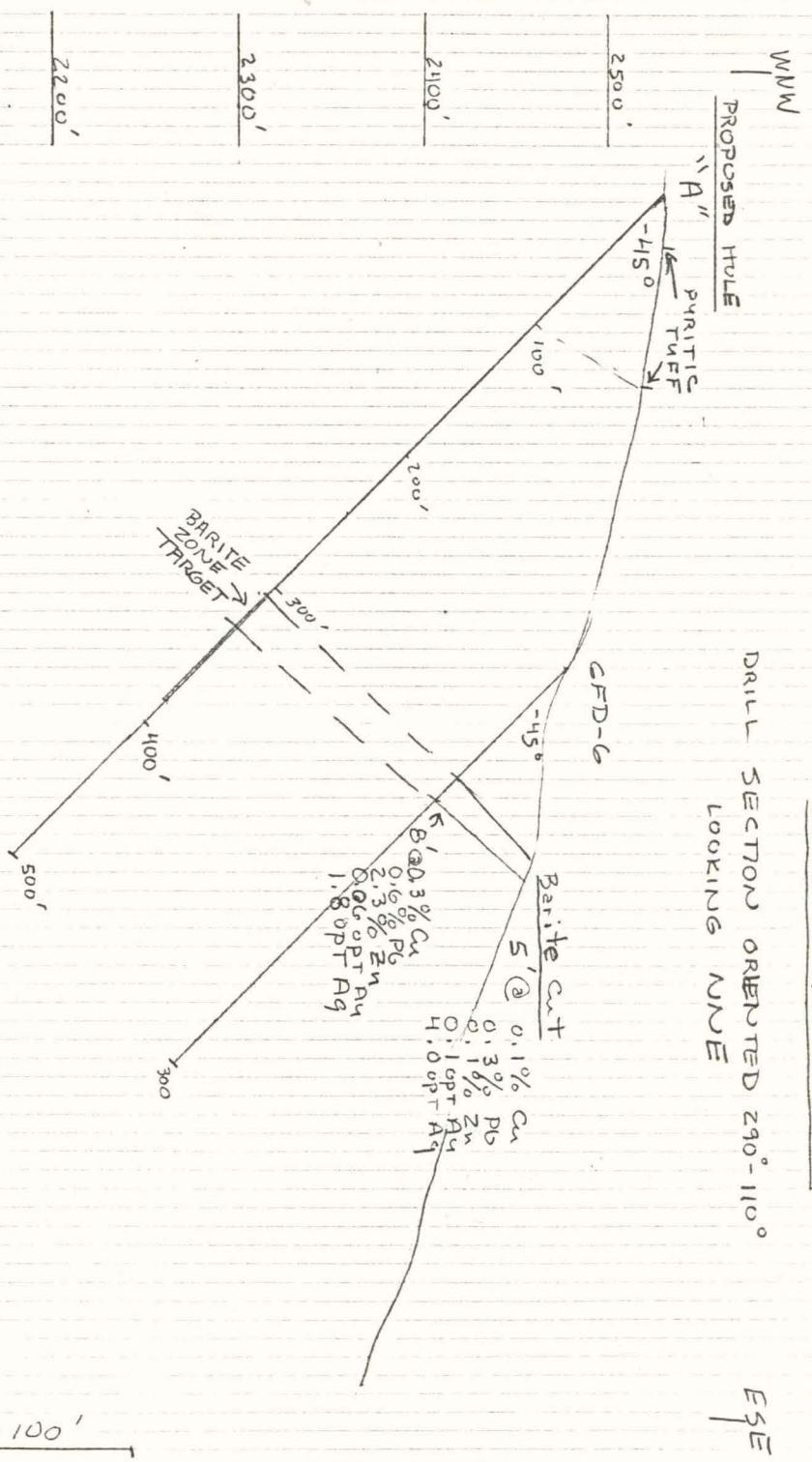


FIGURE 10

GOFF PROJECT  
1985 ANNUAL REPORT  
PROPOSED DRILLING

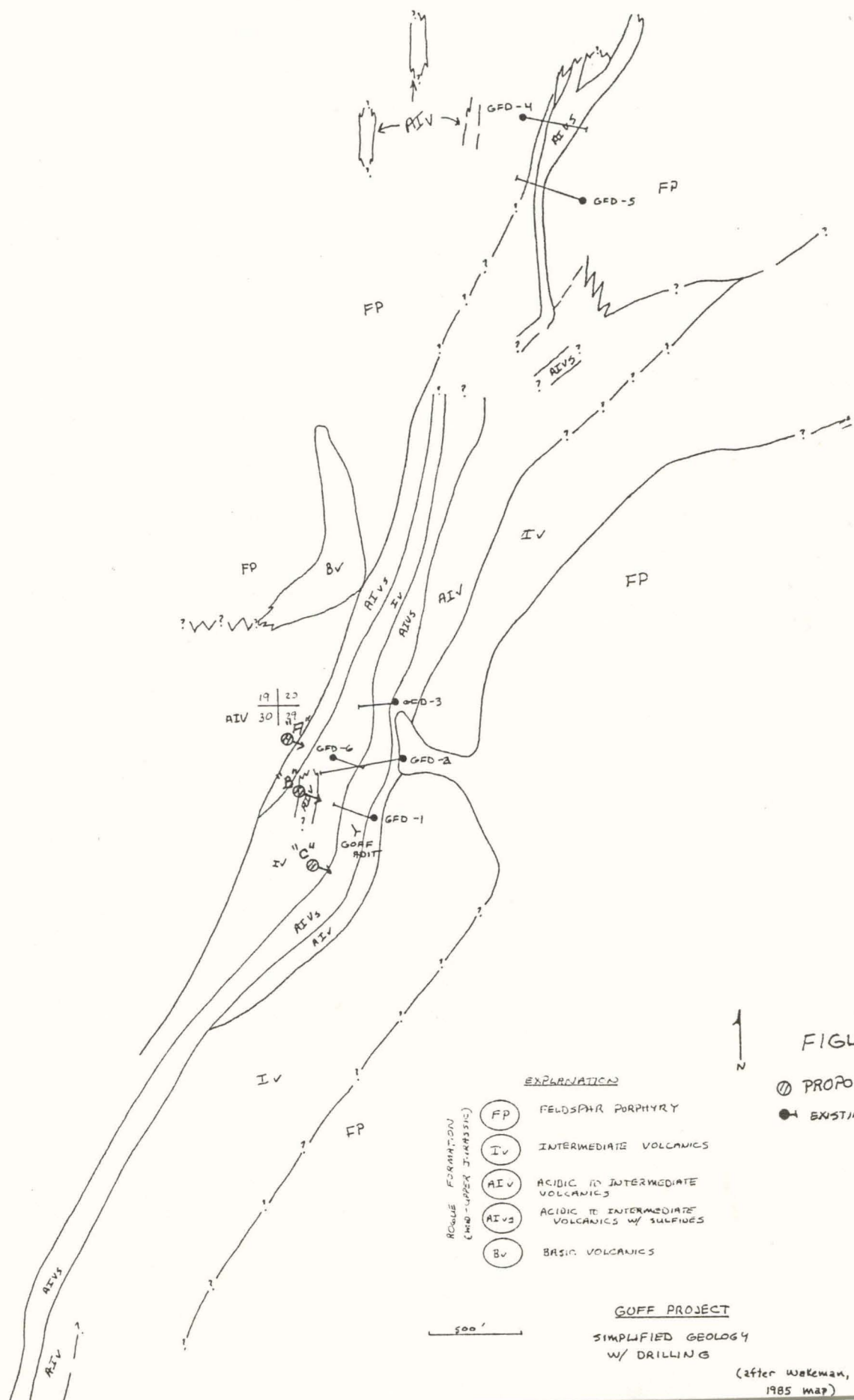


FIGURE 9

- ⊙ PROPOSED DRILL HOLE
- EXISTING DRILL HOLE

EXPLANATION

- FP FELDSPATH PORPHYRY
  - IV INTERMEDIATE VOLCANICS
  - AIV ACIDIC TO INTERMEDIATE VOLCANICS
  - AIVS ACIDIC TO INTERMEDIATE VOLCANICS W/ SULFIDES
  - BV BASIC VOLCANICS
- ROGUE FORMATION (MID-UPPER JURASSIC)

GUFF PROJECT

SIMPLIFIED GEOLOGY  
W/ DRILLING

500'

(after Wakeman, 1985 map)

DRILL SECTION ORIENTED 290°-110°  
LOOKING NNE

PROPOSED 1986 DRILLING  
GOFF MINE AREA

WNW  
|

ESE

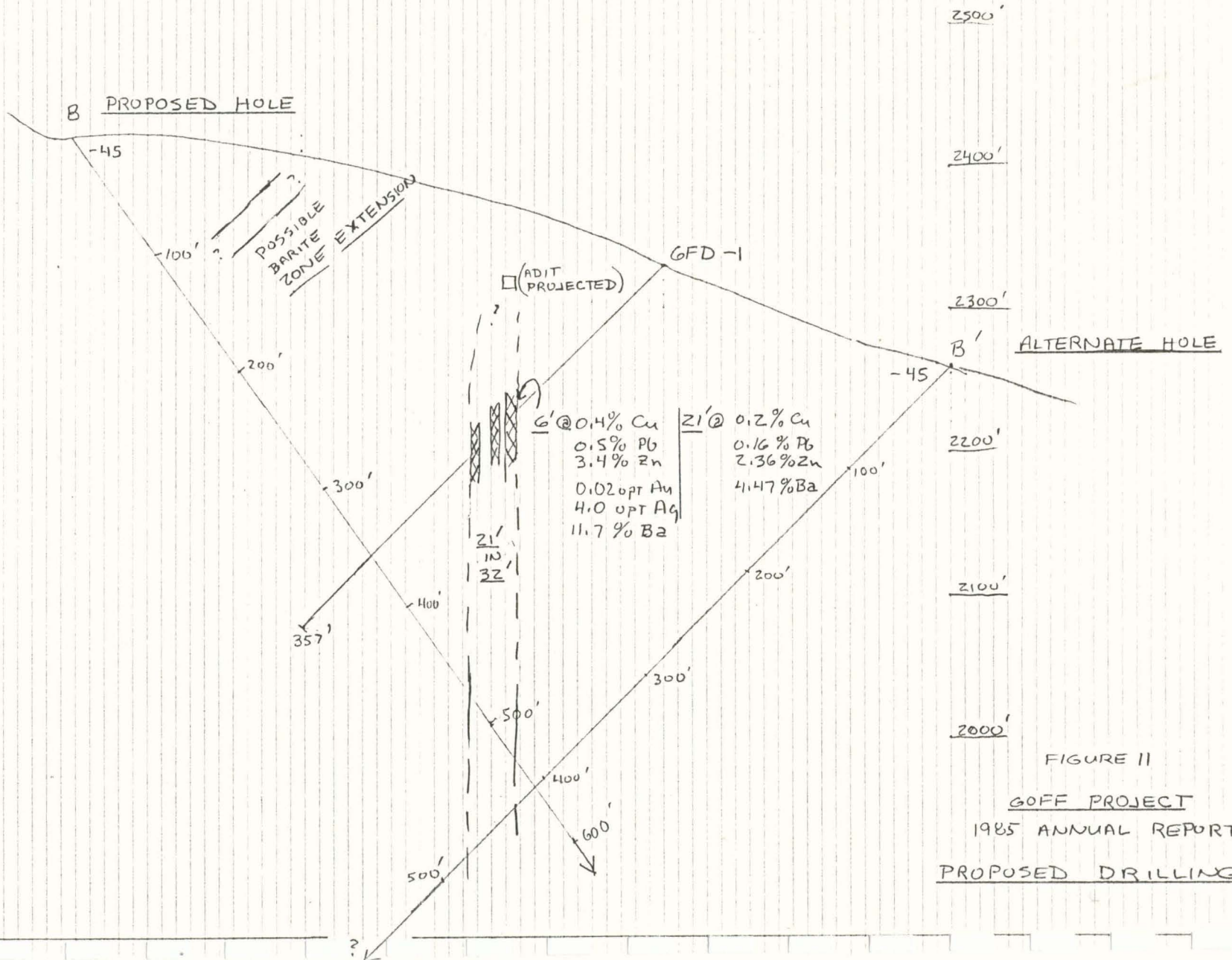
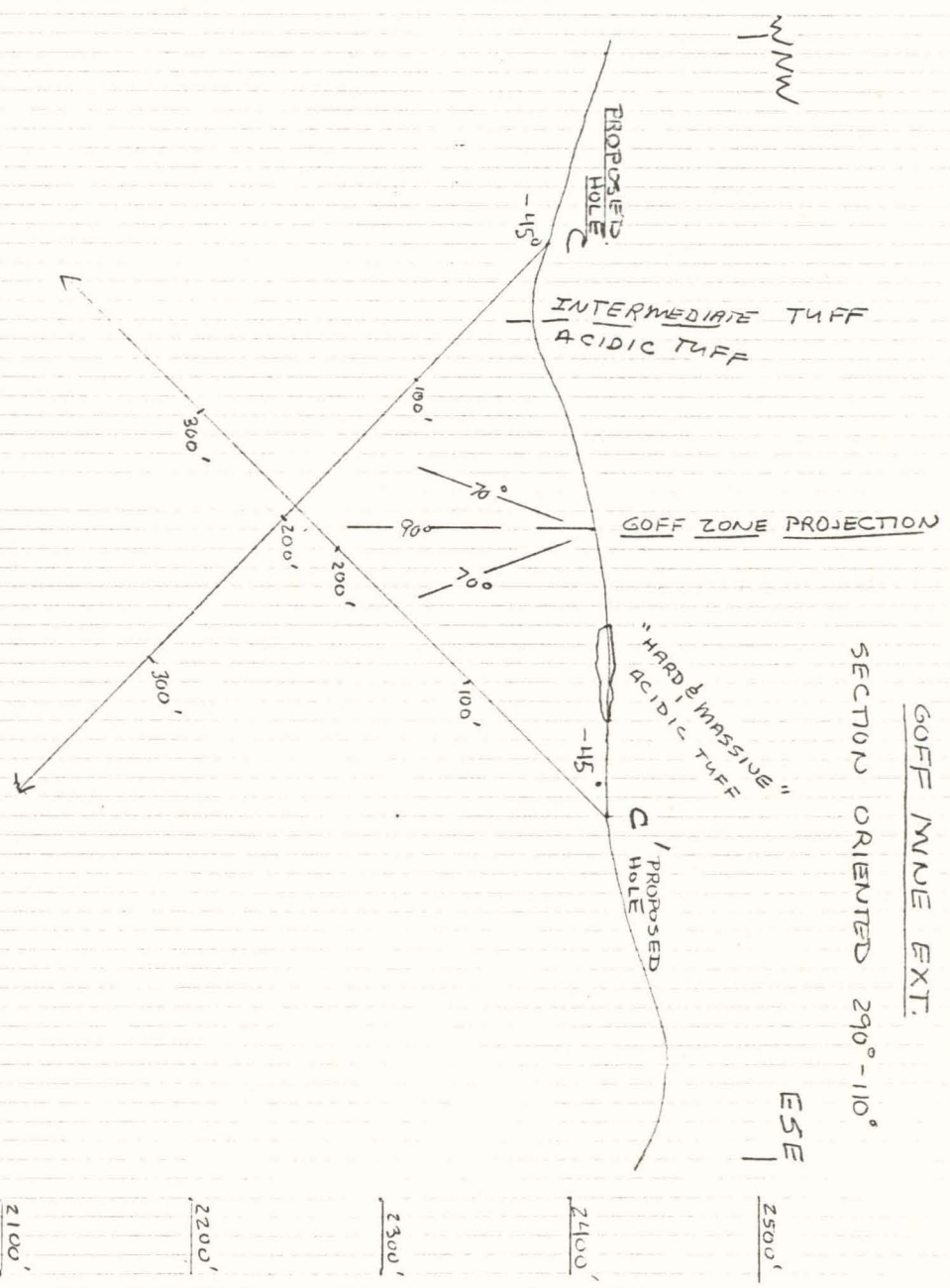


FIGURE 11  
GOFF PROJECT  
1985 ANNUAL REPORT  
PROPOSED DRILLING

1986 PROPOSED DRILLING

GOFF MINE EXT.

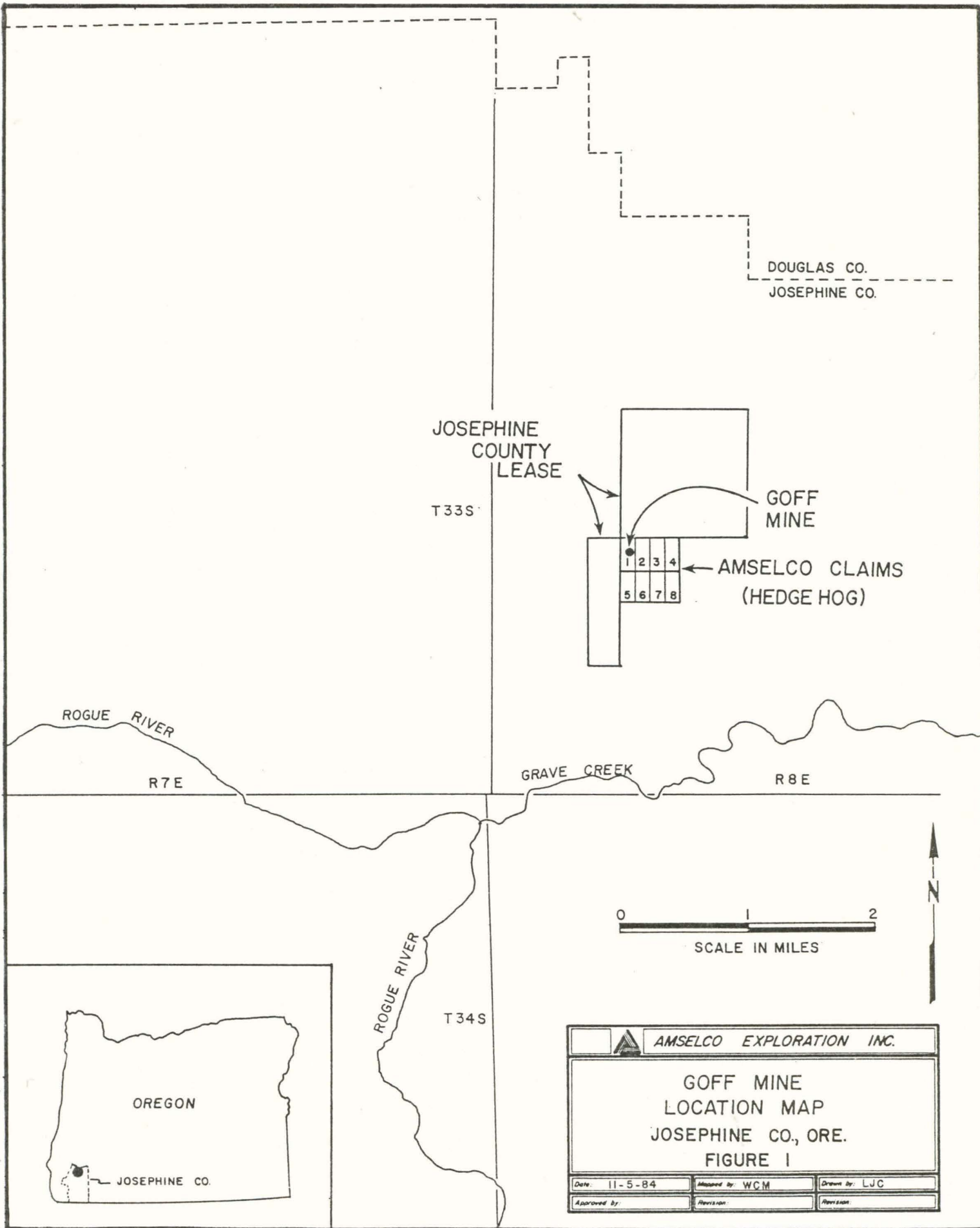
SECTION ORIENTED 290°-110°



2500'  
2400'  
2300'  
2200'  
2100'  
2000'

FIGURE 12

GOFF PROJECT  
1985 ANNUAL REPORT  
PROPOSED DRILLING



18 17  
19 20

SEE FIGURE

SEE FIGURE

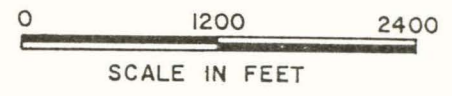
GOFF MINE

ROGUE FM. METAVOLCANICS  
GALICE FM. METASEDIMENTS


**EXPLANATION**

 PYRITIC QUARTZ-SERICITIC SCHIST HORIZON

 PROPERTY OUTLINE



30 29  
31 32

 <b>AMSELCO EXPLORATION INC.</b>		
<b>GOFF MINE AREA</b>		
SEC. 20-29 T. 33 S., R. 8 E.		
JOSEPHINE CO, ORE.		
FIGURE 2		
Date: 12-7-84	Maped by: WCM	Drawn by: LJC
Approved by:	Revised:	Revised:





RATE OF CHANGE (IN DEGREES) PER 100' OF THE IN-PHASE READING - VLF EM-16

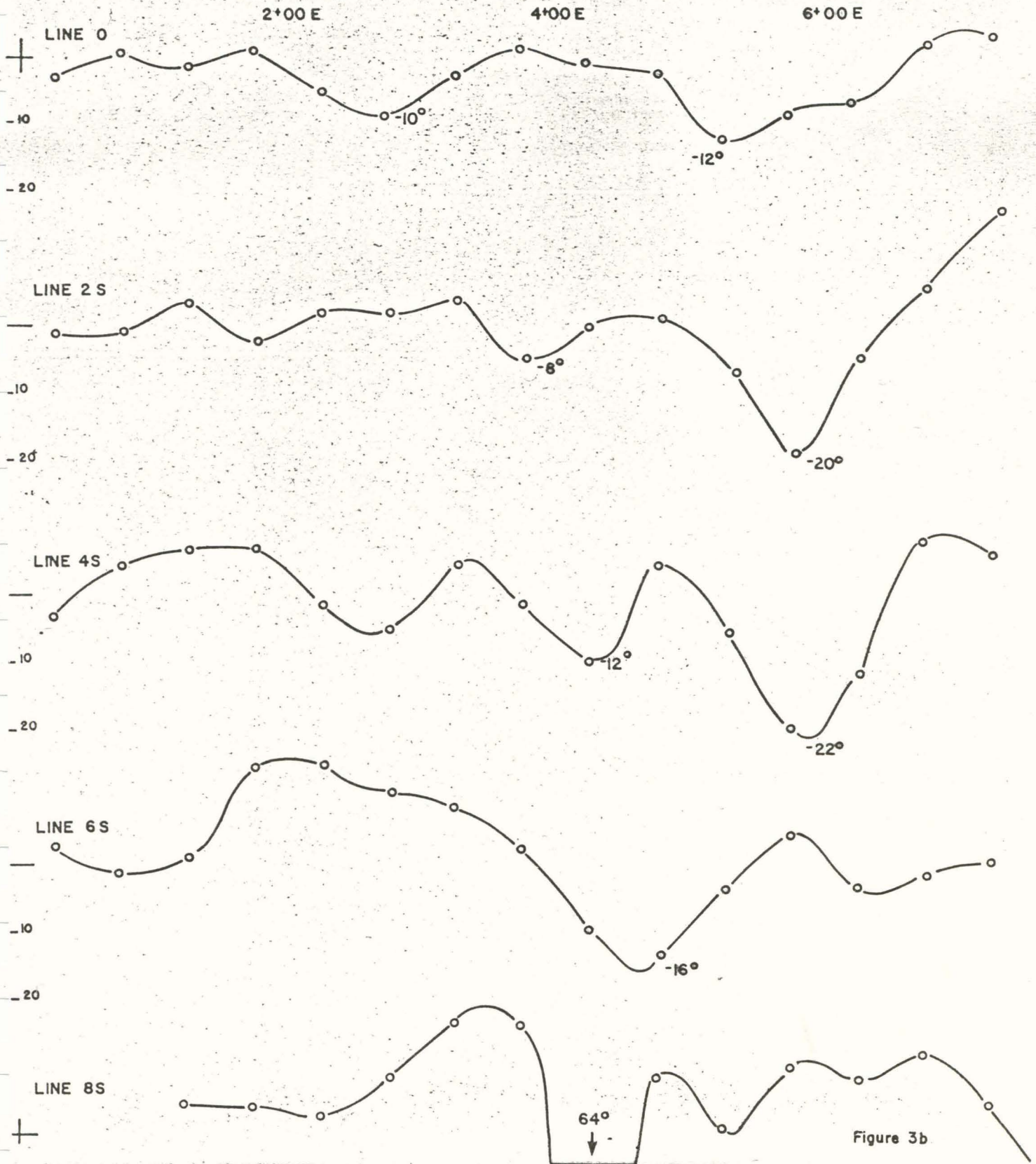
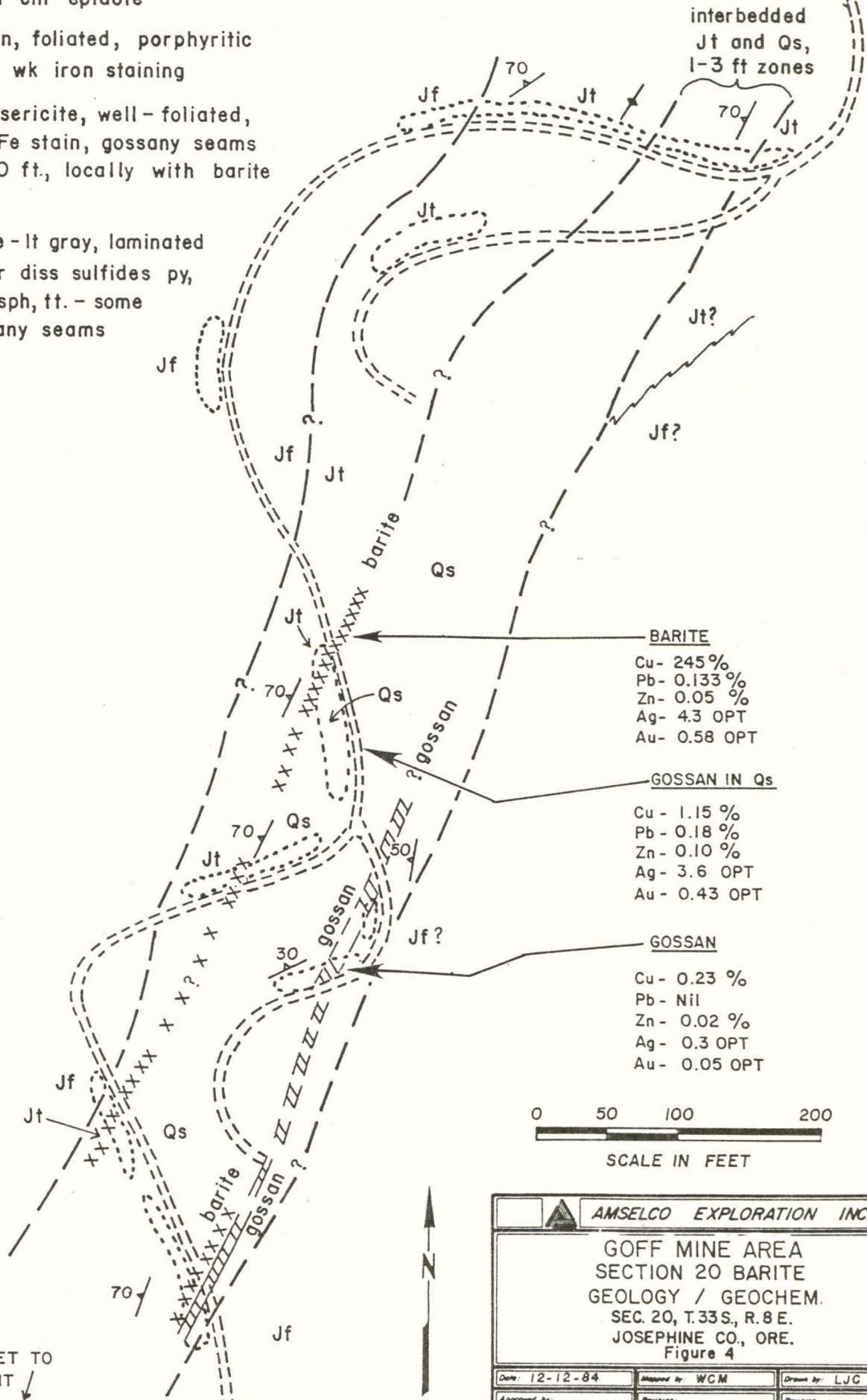




Figure 3c

**EXPLANATION**

- Jf** - Med grn, non-porphyrific, flow abndt chl-epidote
- Jt** Lt grn, foliated, porphyritic tuff, wk iron staining
- Qs** - Qtz-sericite, well-foliated, hvy Fe stain, gossany seams to 1.0 ft., locally with barite beds
- Barite** - White-lt gray, laminated minor diss sulfides py, gal, sph, tt. - some gossany seams

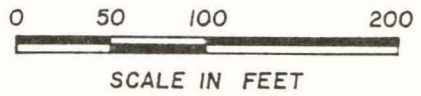


interbedded Jt and Qs, 1-3 ft zones

**BARITE**  
 Cu - 245 %  
 Pb - 0.133 %  
 Zn - 0.05 %  
 Ag - 4.3 OPT  
 Au - 0.58 OPT

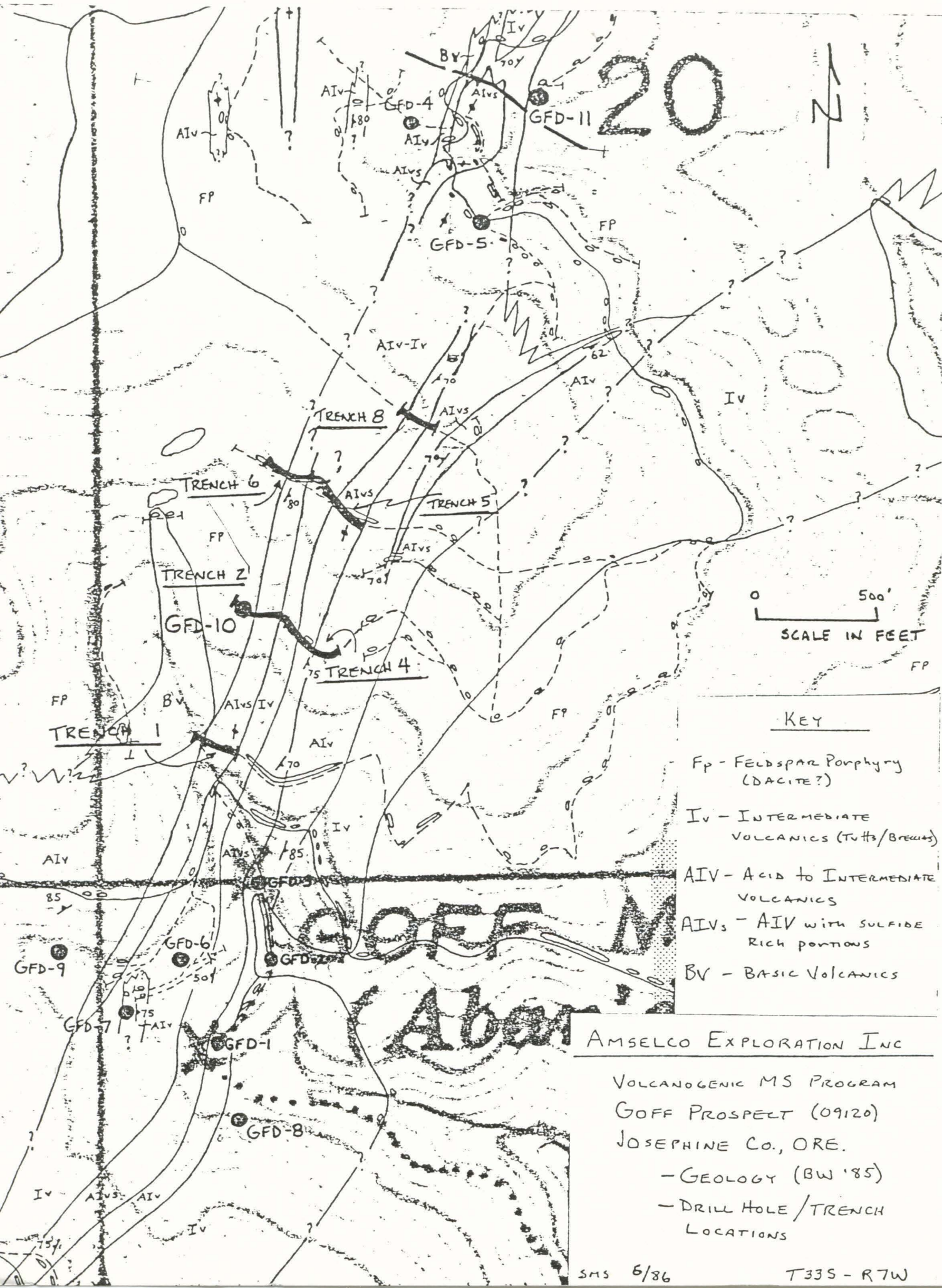
**GOSSAN IN Qs**  
 Cu - 1.15 %  
 Pb - 0.18 %  
 Zn - 0.10 %  
 Ag - 3.6 OPT  
 Au - 0.43 OPT

**GOSSAN**  
 Cu - 0.23 %  
 Pb - Nil  
 Zn - 0.02 %  
 Ag - 0.3 OPT  
 Au - 0.05 OPT



3500 FEET TO GOFF ADIT

<b>AMSELCO EXPLORATION INC.</b>		
GOFF MINE AREA SECTION 20 BARITE GEOLOGY / GEOCHEM. SEC. 20, T.33S., R.8 E. JOSEPHINE CO., ORE. Figure 4		
Date: 12-12-84	Maped by: WCM	Drawn by: LJC
Approved by:	Revision:	Revision:



KEY

- FP - FELDSPAR PORPHYRY (DACITE?)
- IV - INTERMEDIATE VOLCANICS (TUFFS/BRECCIAS)
- AIV - ACID TO INTERMEDIATE VOLCANICS
- AIVs - AIV with SULFIDE RICH PORTIONS
- BV - BASIC VOLCANICS

AMSELCO EXPLORATION INC

VOLCANOGENIC MS PROGRAM  
 GOFF PROSPECT (09120)  
 JOSEPHINE CO., ORE.

- GEOLOGY (BW '85)
- DRILL HOLE/TRENCH LOCATIONS

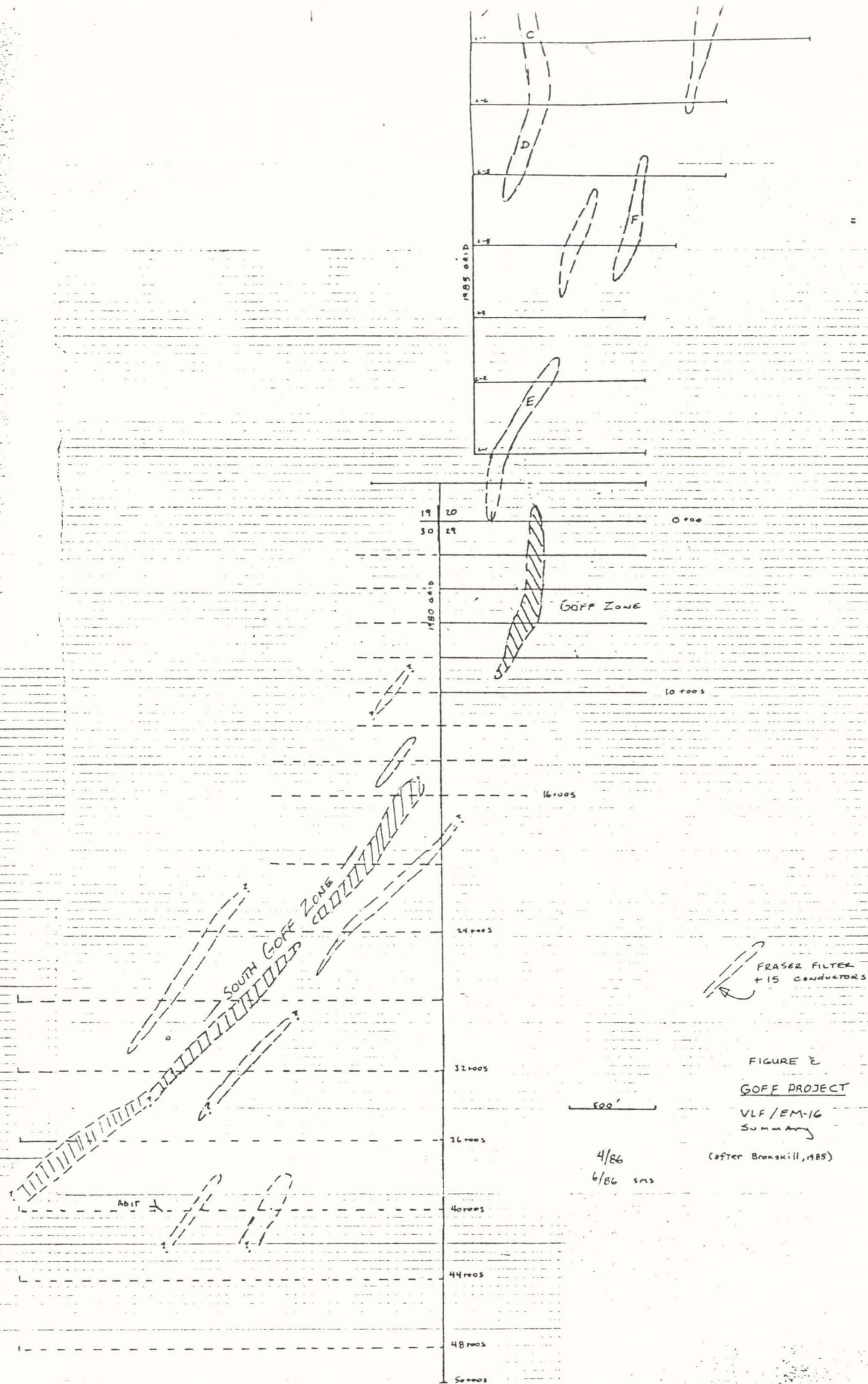
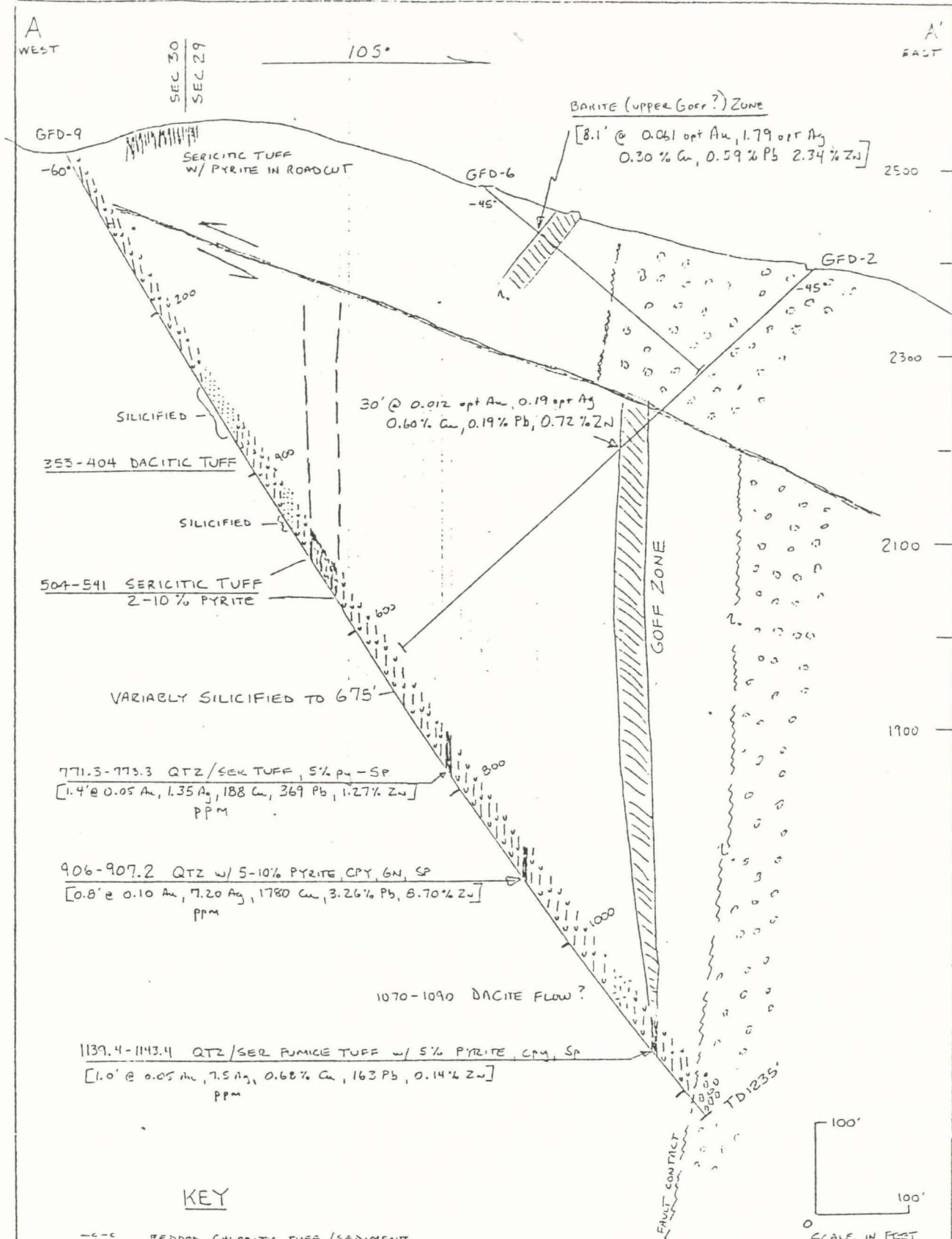


FIGURE E  
GOFF PROJECT  
VLF/EM-16  
Summary  
(after Bronskill, 1985)



A  
WEST

A'  
EAST

105°

SEC 30  
SEC 29

BARITE (UPPER GOFF?) ZONE

GFD-9  
-60°

GFD-6  
-45°

GFD-2  
-45°

SERICITIC TUFF  
W/ PYRITE IN ROADCUT

[8.1' @ 0.061 opt Au, 1.79 opt Ag  
0.30 % Cu, 0.59 % Pb, 2.34 % Zn]

2500

2300

2100

1900

SILICIFIED

30' @ 0.012 opt Au, 0.19 opt Ag  
0.60 % Cu, 0.19 % Pb, 0.72 % Zn

353-404 DACITIC TUFF

SILICIFIED

504-541 SERICITIC TUFF  
2-10 % PYRITE

VARIABLY SILICIFIED TO 675'

771.3-773.3 QTZ/SER TUFF, 5% PY - SP  
[1.4' @ 0.05 Au, 1.35 Ag, 188 Cu, 369 Pb, 1.27% Zn]  
PPM

906-907.2 QTZ w/ 5-10% PYRITE, CPY, GN, SP  
[0.8' @ 0.10 Au, 7.20 Ag, 1780 Cu, 3.26% Pb, 8.70% Zn]  
PPM

1070-1090 DACITE FLOW?

1139.4-1143.4 QTZ/SER FUMICE TUFF w/ 5% PYRITE, CPY, SP  
[1.0' @ 0.05 Au, 7.5 Ag, 0.68% Cu, 163 Pb, 0.14% Zn]  
PPM

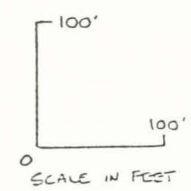
GOFF ZONE

FAULT CONTACT

TD1235

KEY

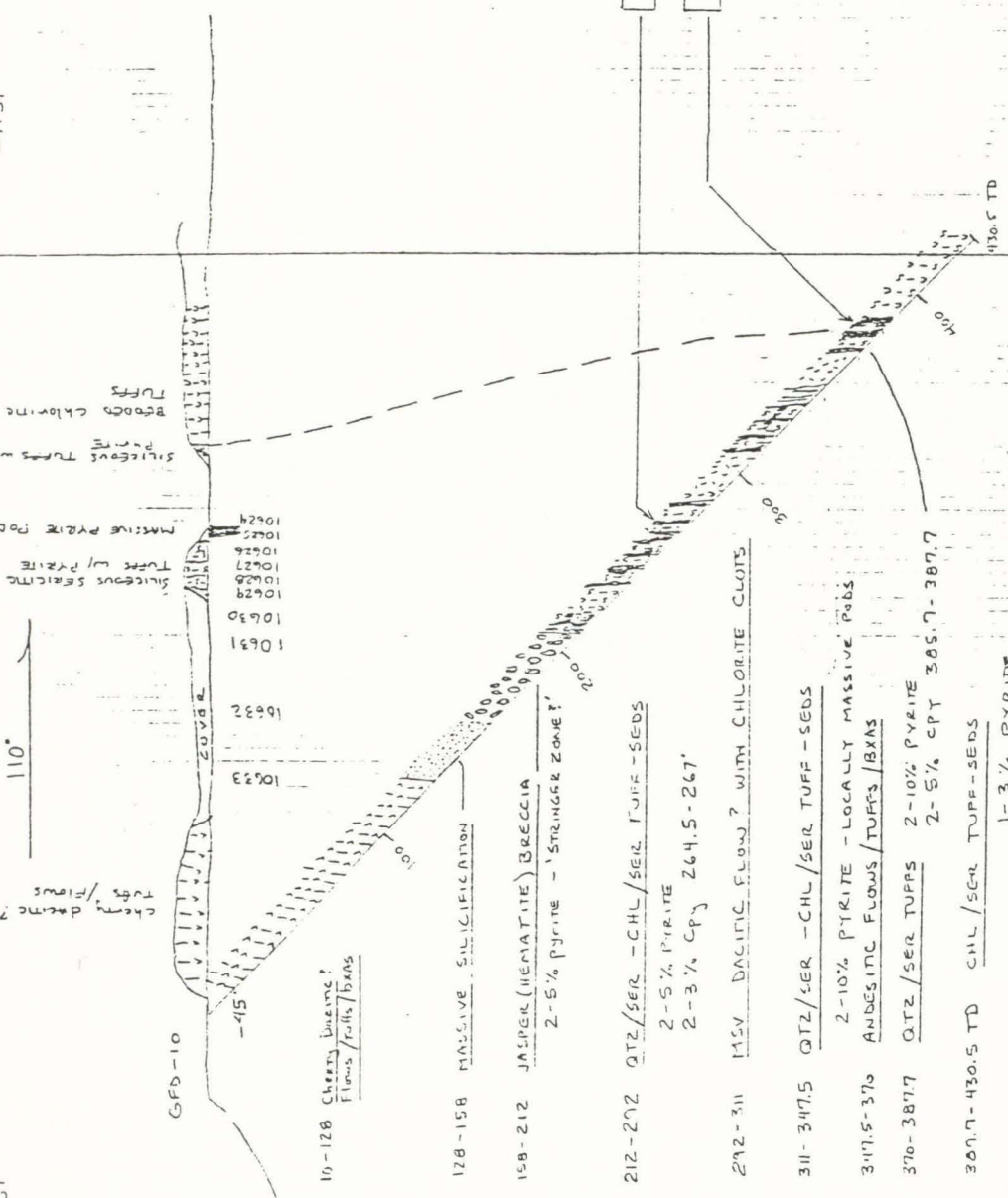
- - - - - BEDDED CHLORITIC TUFF / SEDIMENTS  
OFTEN WITH CHERT / HEMATITE BANDING
- v v v DACITIC TUFFS  
- - - - - CHLORITE / SERICITE ± QUARTZ EYES
- ||||| MASSIVE NON-BEDDED FLOWS?  
· · · · · ANDESITE TO DACITE IN COMPOSITION
- · · · · SILICIFIED ZONES -  
SILICA FLOWING ± QUARTZ VEINING
- o o o FRAGMENTAL BRECCIA -  
o o o INTERMEDIATE COMPOSITION COARSE CLASTICS?  
- FLOW BRECCIAS?



AMSELCO EXPLORATION INC  
GOFF PROSPECT  
JOSEPHINE COUNTY, ORE.  
- A-A' DRILL SECTION  
- SUMMARY LOG GFD-9  
NE 1/4 S.30  
NW 1/4 S.29 T.22E R.7W

EAST

WEST



TRENCH #2 SAMPLES (PPM)

SAMPLE	WIDTH	Au	Ag	Cu	Pb	Zn	Ba
10624	6'	0.46	1.50	203	24	163	5040
10625	1'	0.32	1.72	33	31	24	925
10626	4'	0.06	0.50	470	15	7	1020
10627	6'	0.89	2.6	135	34	9	2700
10628	4'	0.36	1.6	96	60	67	2305
10629	6'	0.48	2.35	410	52	101	4160
10630	15'	0.27	1.44	530	910	264	9800
10631	15'	0.22	1.87	570	375	235	4150
10632	9mb	0.30	1.08	1020	301	33	2215
10633	9mb	0.57	5.30	1660	301	71	10%

TRUE 1-oz/TUN-

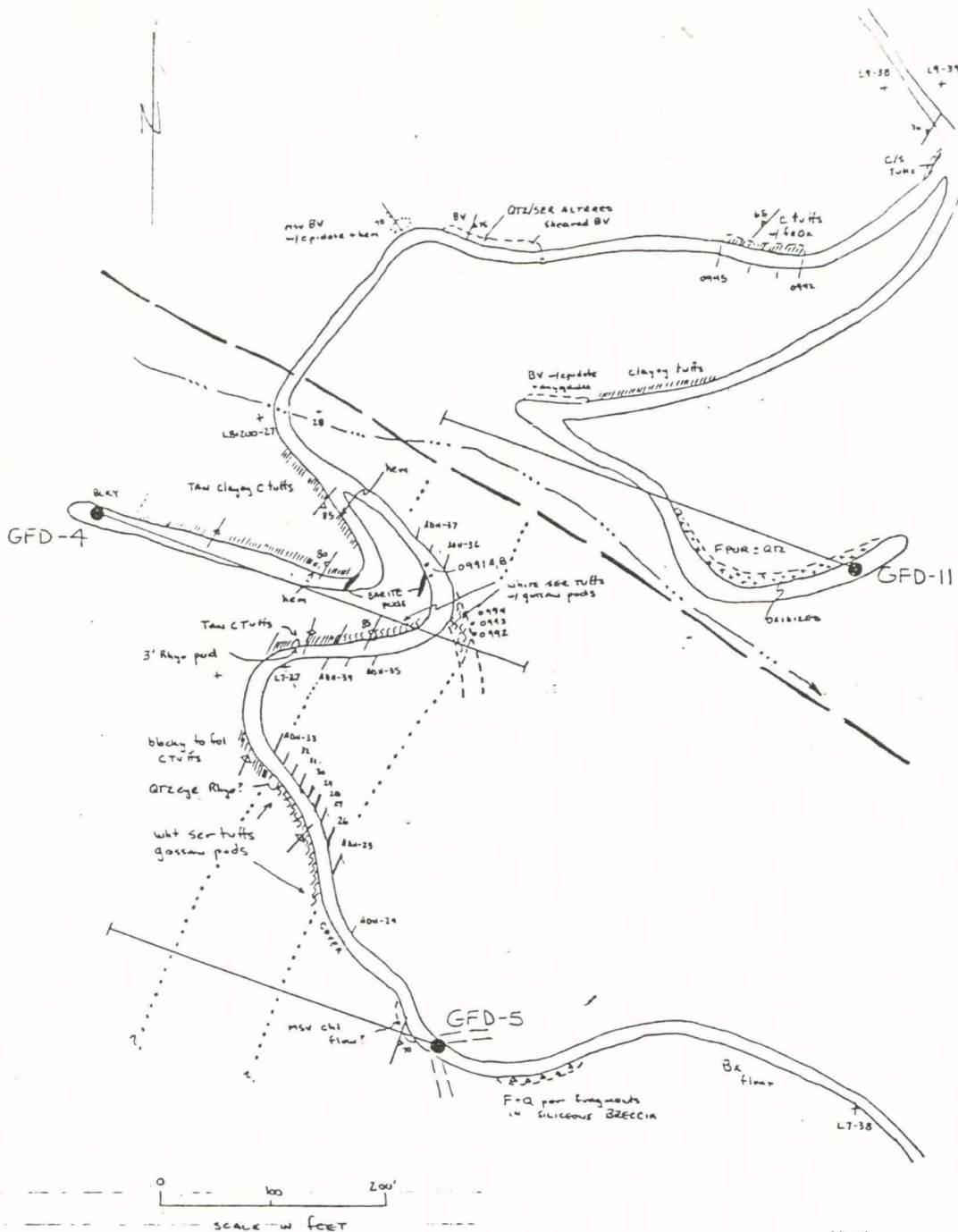
SAMPLE	FOURAGE	WIDTH	Au	Ag	Cu	Pb	Zn	Ba
10688	264-267	1.9'	0.01	0.058	166%	27	69	930

SAMPLE	FOURAGE	WIDTH	Au	Ag	Cu	Pb	Zn	Ba
10702	388-388	1.58'	0.058	0.20	2.42%	43	500	1915

DRILL ASSAY HIGHLIGHTS

AMSELCO EXPLORATION INC  
 GOLF PROSPECT  
 JOSEPHINE CO., ORE.  
 -GFB-10 SUMMARY LOG

EMS 6/86 SW SEC 20 T33S R7W



KEY

- FQR FELDSPAR & QUARTZ PORPHYRY INFUSIONS?
- BV Basic Volcanics - dgray to narrow basalt w/eproto ± Anhydrites
- |||| CTufts BEDDED to foliated Chlorine TUFF /scoriae locally clayey (w/eproto?) ± hematite
- §§§ SER tufts SERICINE (ALTERED?) tufts - white colored w/ abundant limonite and gossan pods

ROCK GEOCHEMISTRY

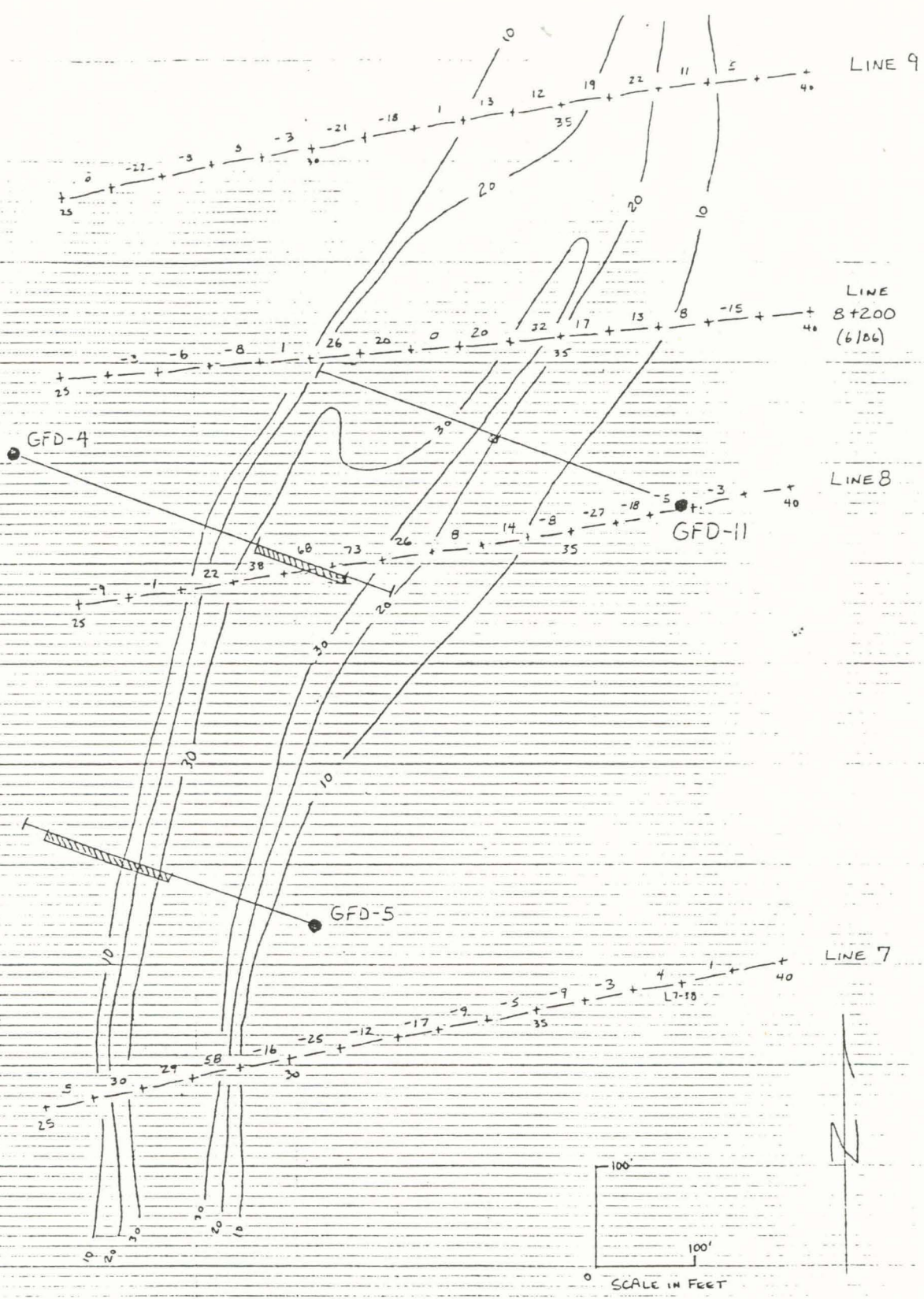
Sample I	Approx. True Thickness (feet)	Au	Ag	Cu	Pb	Zn	Ba
ADH-24	1	.05	<.30	226	19	69	1810
-25	5	<.02	<.30	76	19	134	356
-26	15	.26	.83	215	31	24	3825
-27	15	.02	<.30	270	23	87	852
-28	15	.09	.33	163	21	19	2010
-29	16	2.22	24.50	151	275	107	68
-30	22	<.02	<.30	58	33	177	825
-31	15	.78	4.48	770	277	170	5250
-32	9	.10	.82	147	85	69	2540
-33	8	<.02	<.30	54	18	188	4025
-34	15	.03	1.09	275	23	116	792
-35	25	.86	13.40	730	226	70	1.54
-36	8	.63	5.80	740	1490	1080	3.13
-37	18	7.45	89.66	3167	1915	490	218
0942	10	<.01	<.20	45	<1	127	512
0943	10	<.01	<.20	29	<1	116	470
0944	10	<.01	<.20	58	<1	140	378
0945	10	<.01	<.20	84	<1	168	371
0991A	0.5	10.80	85.00	4880	532	1825	464
0991B	0.5	10.80	57.00	4100	1180	1185	454
0992	5	.07	.70	36	10	51	4750
0993	1	.29	8.60	220	165	72	2.13
0994	1	.24	.30	64	12	16	4200

- hem = hematite
- FQR = limonite
- clay = clayey
- fol = foliated
- Bx = breccia
- wht = white
- msv = massive

AMSELCO EXPLORATION INC  
 GOFF PROSPECT  
 JOSEPHINE CO., ORE.  
 SECTION 20 BARITE AREA  
 - GEOLOGY/ROCK GEOCHEM  
 - DRILL HOLE LOCATIONS  
 ADH-BW 85  
 June 2/88

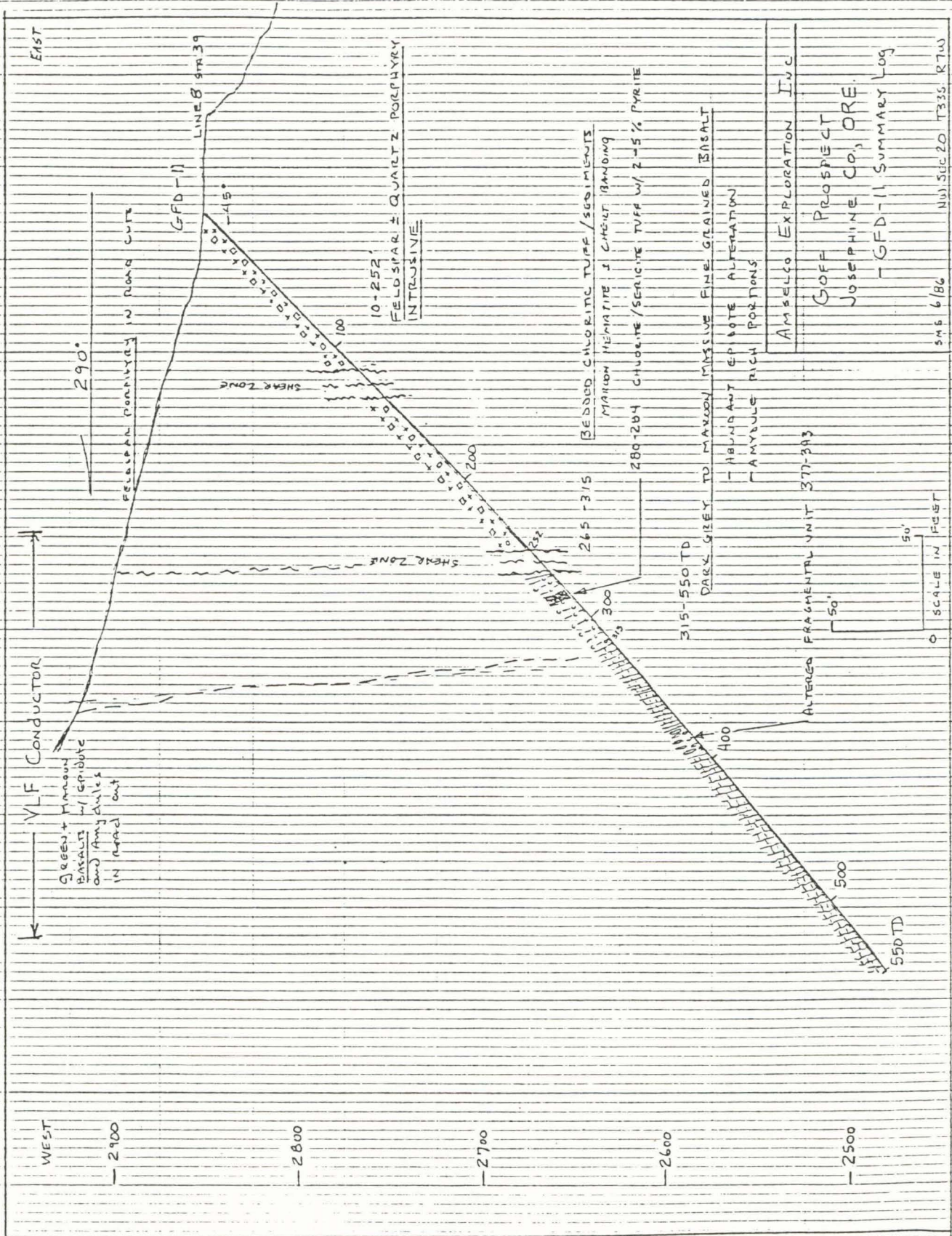
70 Joint attitude  
 100 foliation attitude  
 + Line 7 - Section 38





\* All values shown = FRASER FILTERED

AMSELCO EXPLORATION INC  
 GOFF PROSPECT  
 JOSEPHINE CO., ORE  
 SECTION 20 BARITE AREA  
 -VLF CONTOURING-

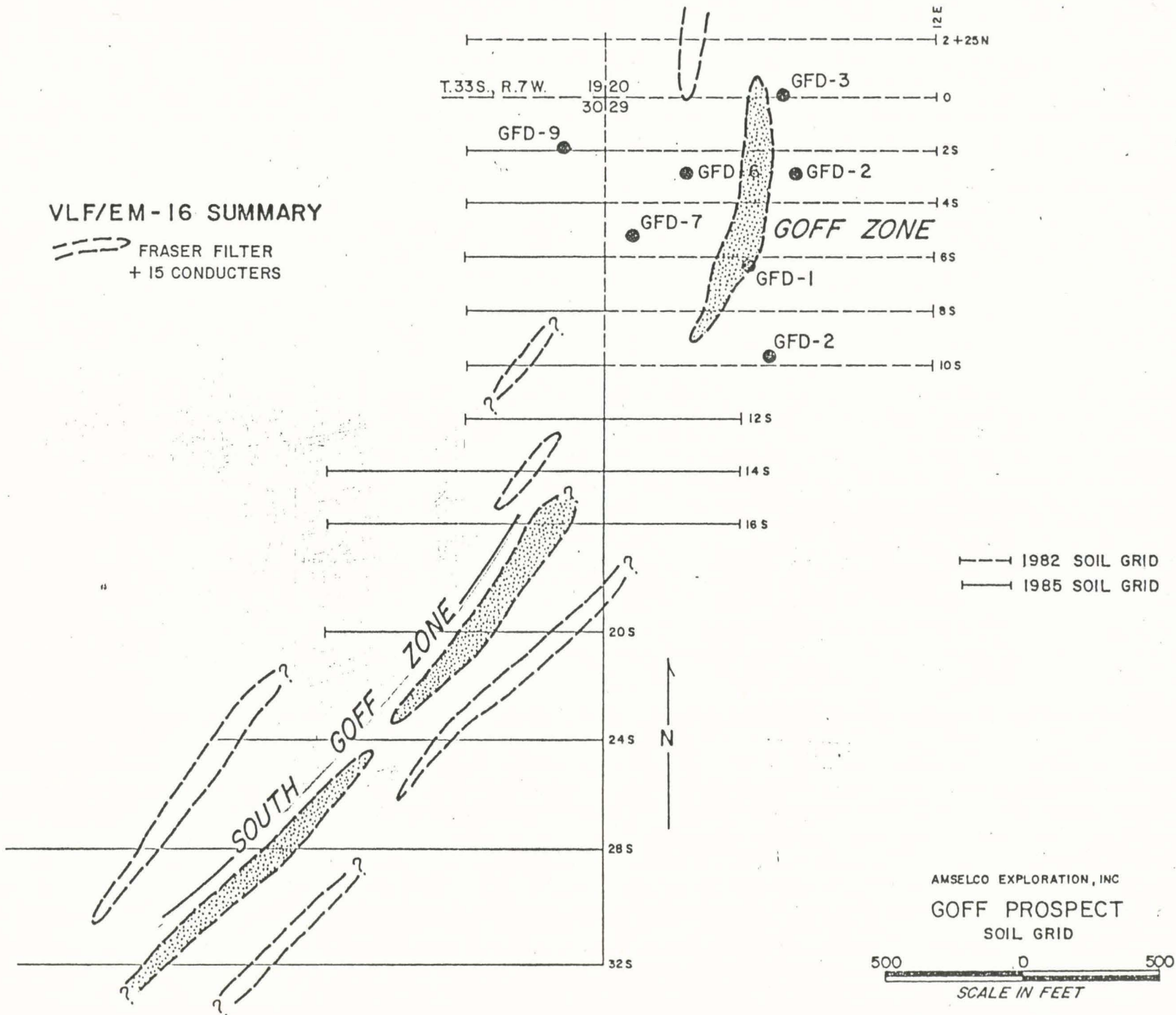


AMSELCO EXPLORATION INC  
 GOFF PROSPECT  
 JOSEPHINE CO., ORE.  
 - GFD-11 SUMMARY LOG

SM 6/86  
 NOV. 20 1986

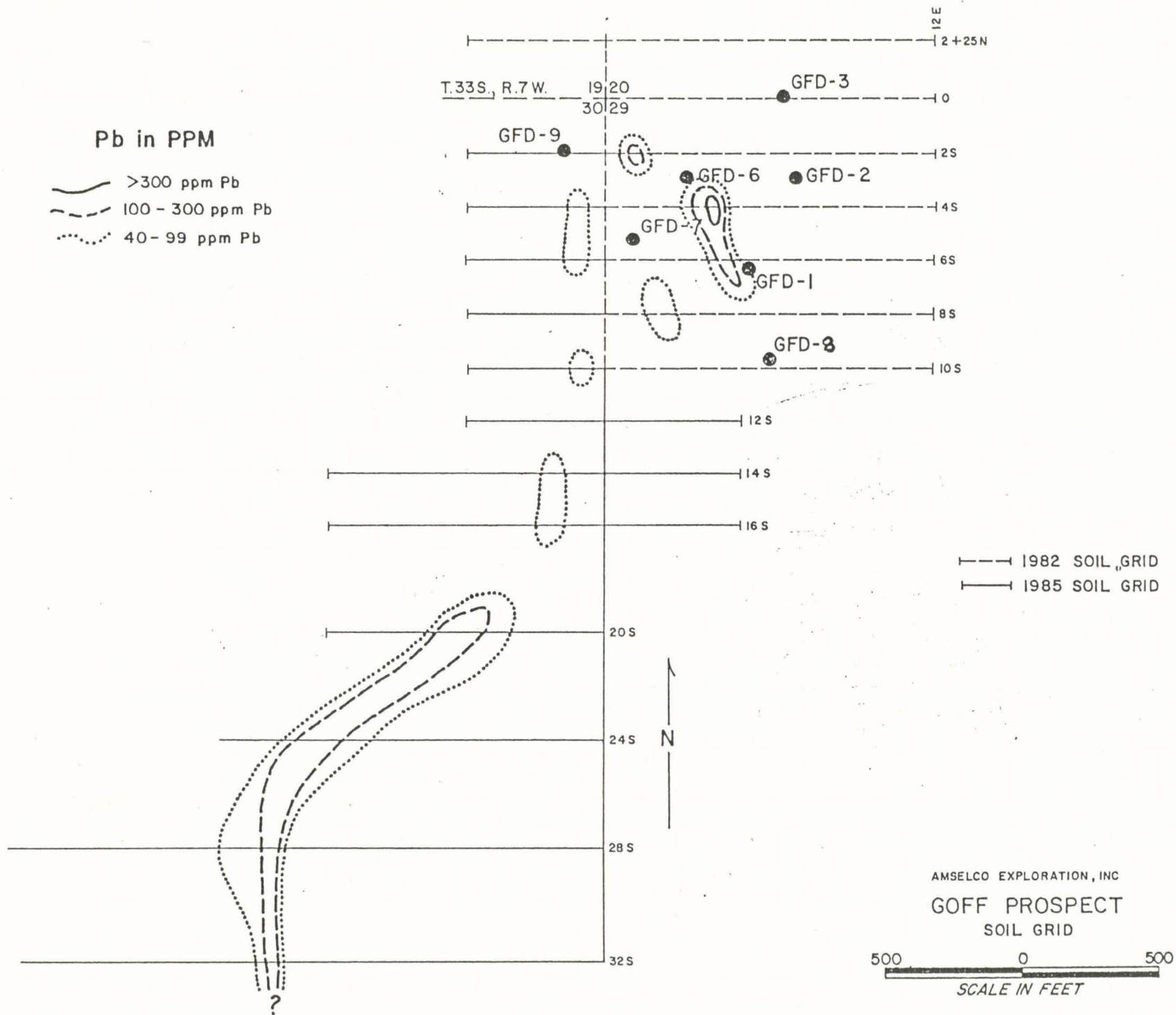
**VLf/EM-16 SUMMARY**

--- FRASER FILTER  
+ 15 CONDUCTORS



**Pb in PPM**

- >300 ppm Pb
- - - 100 - 300 ppm Pb
- ⋯ 40 - 99 ppm Pb







T.33S., R.7W.

19 20

30 29

### Cu In PPM

-  >1000 ppm Cu
-  500 - 999 ppm Cu
-  250 - 499 ppm Cu
-  170 - 249 ppm Cu

GFD-9

GFD-3

GFD-8

GFD-2

GFD-7

GFD-1

GFD-2

12 S

14 S

16 S

20 S

24 S

28 S

32 S

--- 1982 SOIL GRID

— 1985 SOIL GRID



AMSELCO EXPLORATION, INC





### GOFF PROSPECT SOIL GRID

500 0 500

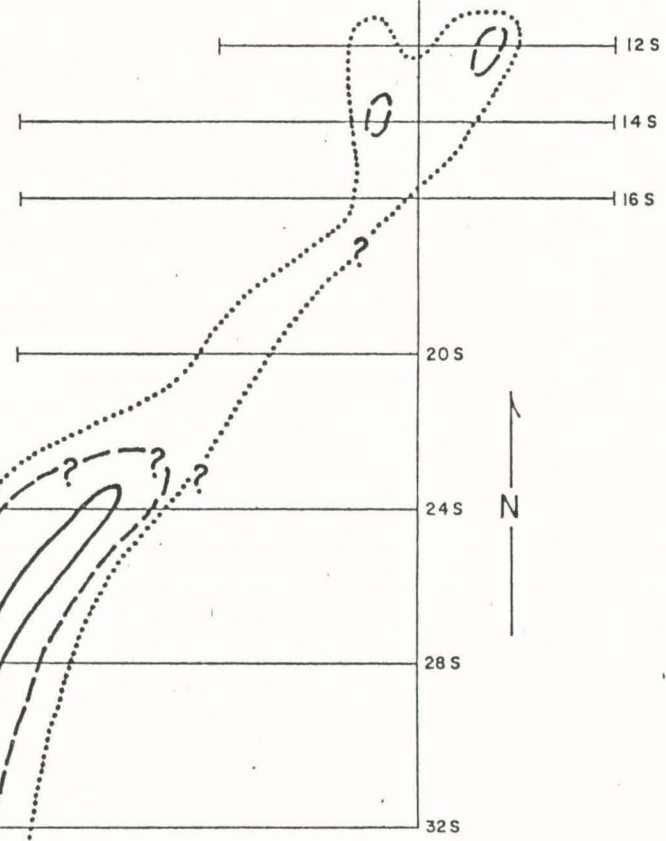
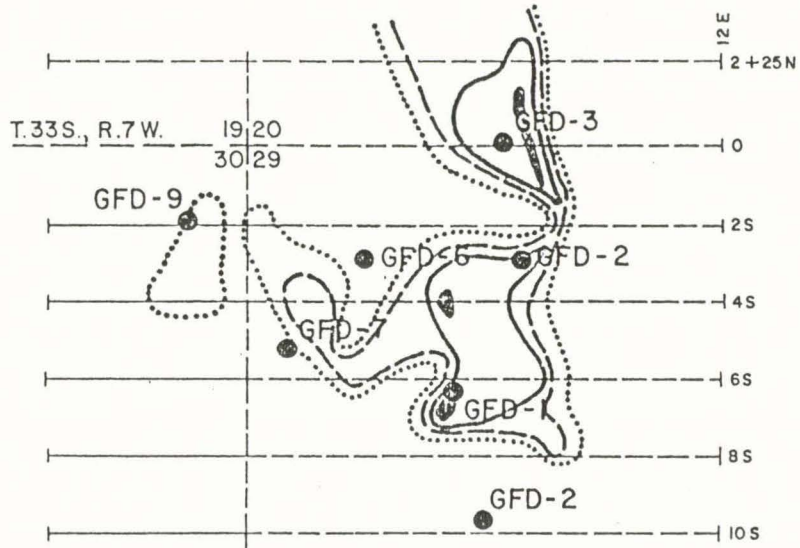
SCALE IN FEET



?  
?

Zn In PPM

-  >1000 ppm Zn
-  500-999 ppm Zn
-  300-499 ppm Zn
-  200-299 ppm Zn

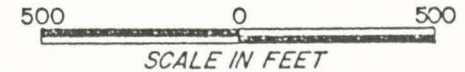
T.33S., R.7W. 19 20  
30 29



-  1982 SOIL GRID
-  1985 SOIL GRID









AMSELCO EXPLORATION, INC  
GOFF PROSPECT  
SOIL GRID



with trench overlay

LEGEND

-  QUARTZ-SERICITE-SULFIDE SCHIST
-  DRILL HOLE / NUMBER
-  VLF EM/16 STRONG CONDUCTOR
-  ALTERED INTERMEDIATE TO FELSIC VOLCANICS
-  1982 GRID
-  1985 GRID

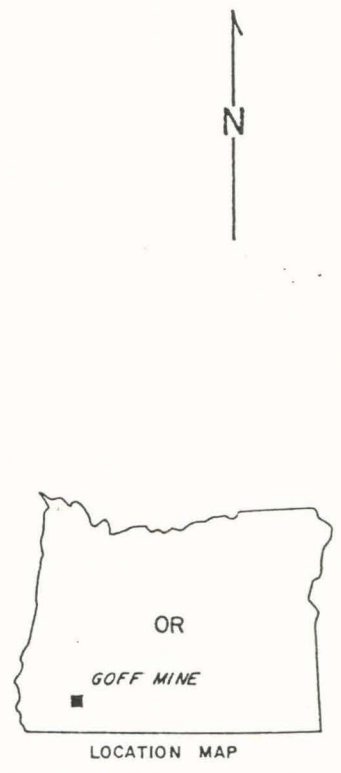
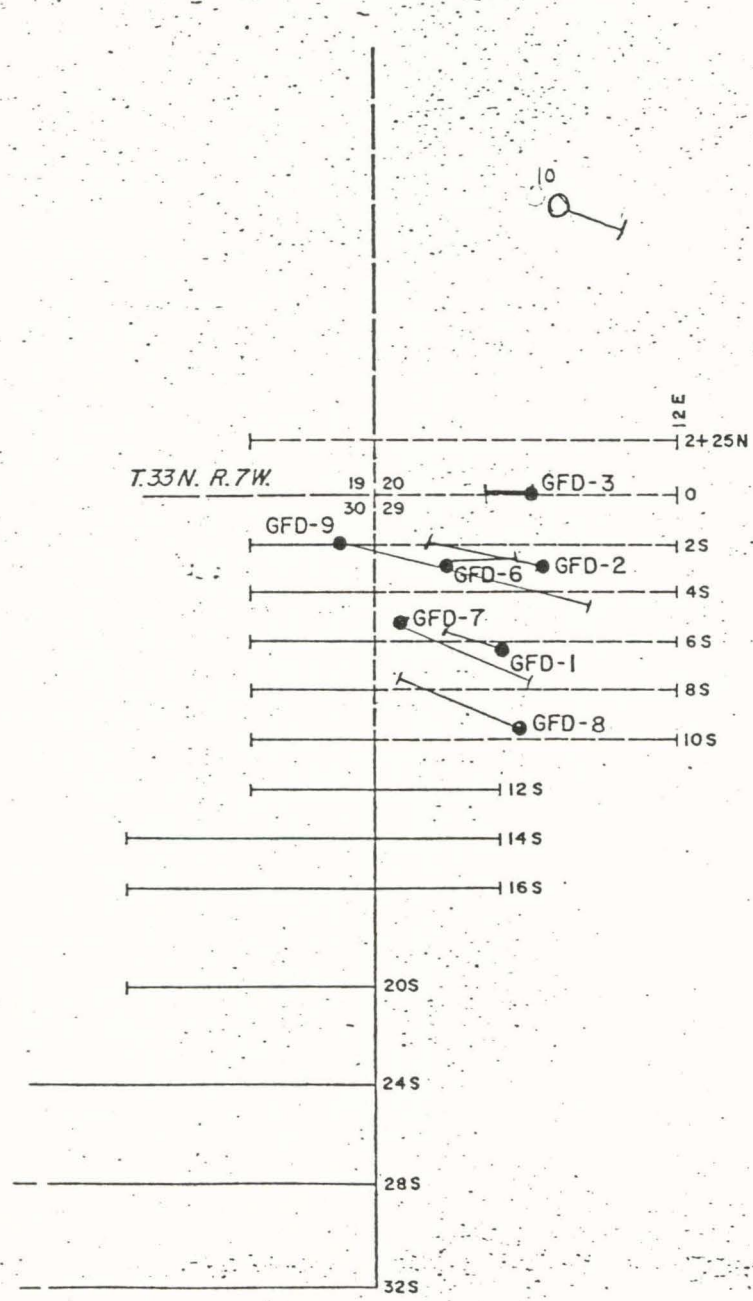
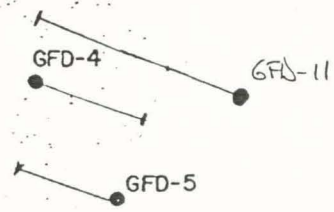


FIGURE 1  
 AMSELCO EXPLORATION, INC  
**GOFF MINE**  
 GEOLOGY/DRILLING  
 SAMPLING/VLF DATA  
 500 0 500  
 SCALE IN FEET