

COURTE

841935

BACKGROUND

Shaded areas

Geochemical / structural trend 14,000 feet.

Intrusives, uncertain but prob. sign. relⁿ to Au.

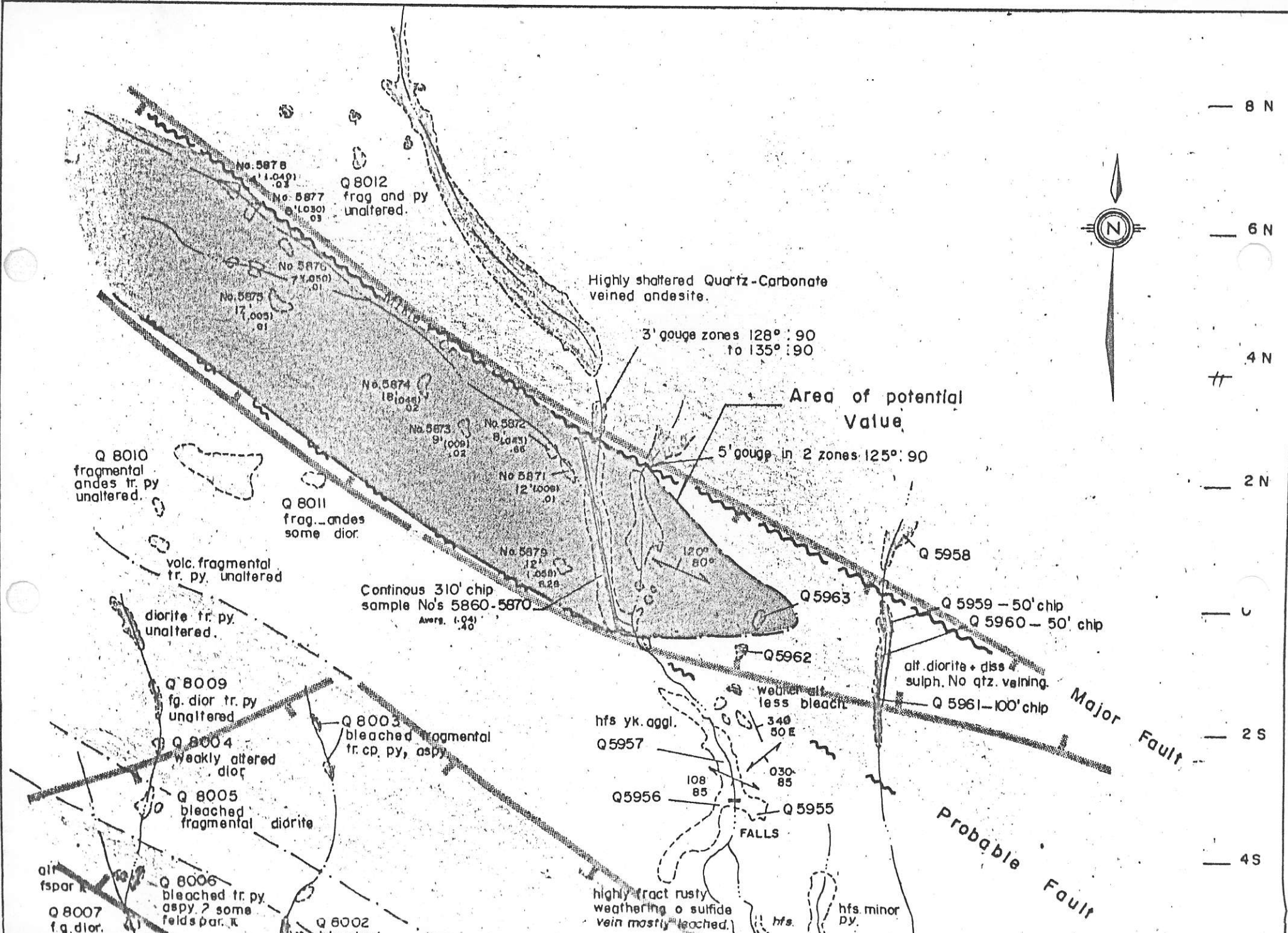
Tertiary volcanic contact.

Original showing. Other showing.

We feel this trend should be tested further since:

- ① Wide spacing (closest 700')
- ② Geochemical expression only surface repr.
- ③ Know from Lyell I. discovery & other areas that a simple 1 TO 1 relation does not exist. Ball Park only
- ③ Au in sediments below

We are therefore proposing 2000 feet of drilling tentatively disposed as these dots.



— 8 N

— 6 N

— 4 N

— 2 N

— 0

— 2 S

— 4 S



No. 5878
11.049
03
No. 5877
10.030
03
Q 8012
frag and py
unaltered.

Highly shattered Quartz-Carbonate
veined andesite.
3' gouge zones 128° : 90
to 135° : 90

Area of potential
Value

5' gouge in 2 zones 125° : 90

Q 8010
fragmental
andes tr. py
unaltered.

Q 8011
frag. andes
some dior.

volc. fragmental
tr. py. unaltered

diorite tr. py.
unaltered.

Continuous 310' chip
sample No's 5860-5870
Aver. 1.94

Q 8009
fg. dior tr. py
unaltered

Q 8004
weakly altered
dior

Q 8005
bleached
fragmental diorite

Q 8006
bleached tr. py
aspy. ? some
felds par. K

Q 8007
fg. dior.

Q 8002
bleached

No. 5874
18.044
02

No. 5873
9.100
02

No. 5872
8.144
02

No. 5871
12.100
01

No. 5870
12.103
02

hfs. yk. aggl.
Q 5957

Q 5956

Q 5955

Q 5962

Q 5963

Q 5958

Q 5959 - 50' chip
Q 5960 - 50' chip

alt. diorite + diss
sulph. No qtz. veining.
Q 5961 - 100' chip

weakened
less bleached

108
85

030
85

340
50 E

FALLS

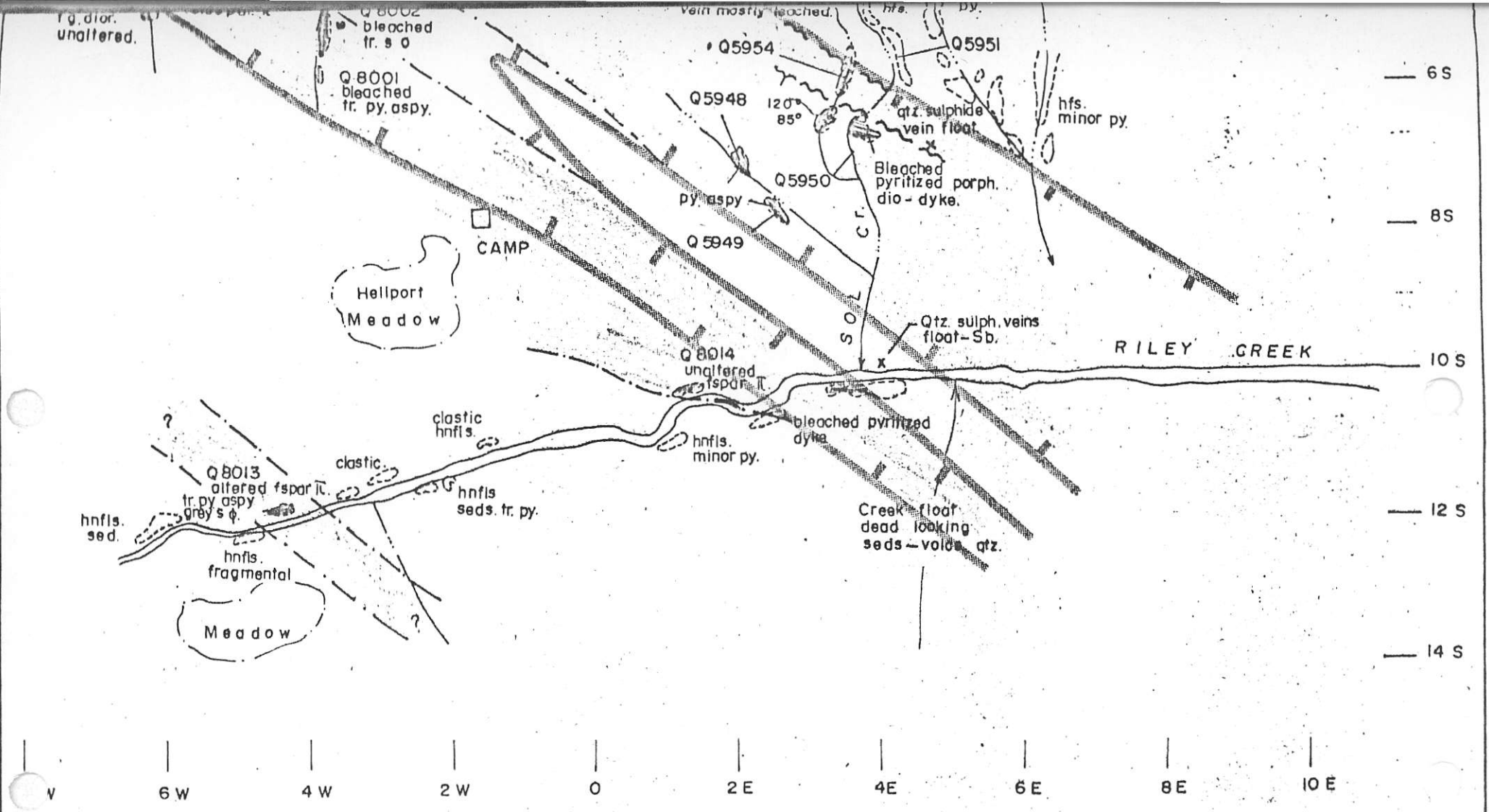
hfs.

hfs. minor
py.

Major Fault

Probable Fault

highly fract. rusty
weathering o sulfide
vein mostly leached.



	YAKOUN FORMATION (JURASSIC) Pyroclastic and clastic sediments locally hornfelsic and pyritized	No 5873	Assay Sample Number
	MASSET AGE? (EOCENE) Fine Grained qtz. porphyry - feldspar porphyry and qtz porphyry dykes.	Q1813	Rock Geoc. Sample No
	Zone of pervasive argillic alteration disseminated pyrite ± arsenopyrite	340 50	Strike and dip of bedding.
	Zone of quartz - stibnite ± pyrite ± chalcopyrite veining.	330 70	Strike and dip of mineralized fracture zone
		330 85	Strike and dip of fault.
			Outcrop outline. Rock Geochem. result No. 5949 1.2 ppm Au. 25 ppm Sb.

QUINTANA MINERALS CORPORATION

COURTE ANTIMONY
RENNELE SOUND — QUEEN CHARLOTTE ISLANDS

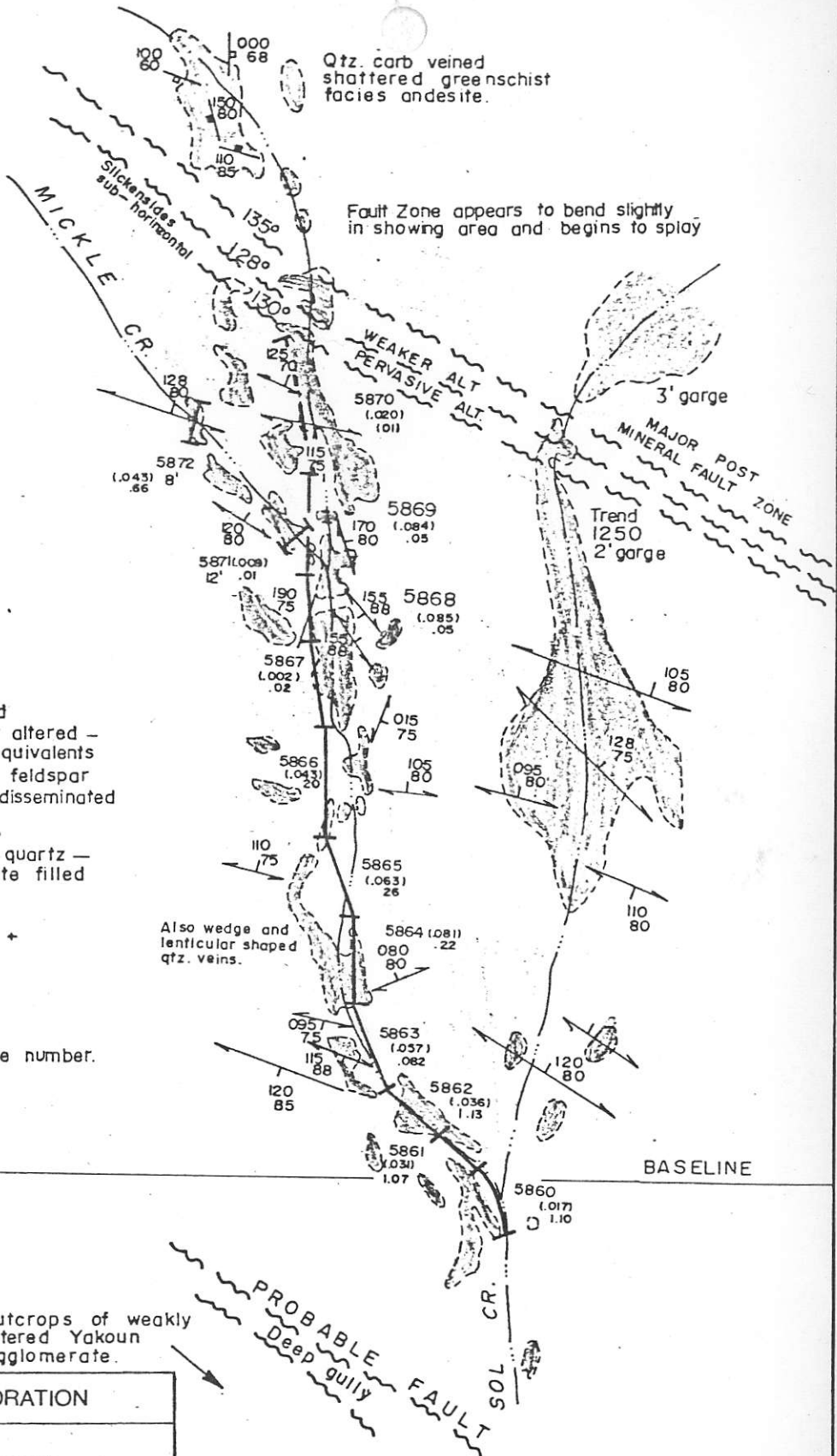
GENERALIZED GEOLOGY

SCALE
Feet 200 0 200 400 Feet

Prepared by: J. S. C. Date: May 24 / 74 NTS MAP AREA DRAWING NO.



SELINE



LEGEND



Greenschist Facies
Yakoun Andesitic Volcanics



Light grey Felsite bleached
locally silicified and/or clay altered -
apparently in large part equivalents
of fine grained diorite and feldspar
porphyry dyke - rocks - disseminated
sulphide through.



Strike and Dip of major quartz -
stibnite - pyrite chalcopyrite filled
fractures up 8" in width.



Strike and Dip of Quartz +
Carbonate veinlets



Strike and Dip of post
mineral fractures

5870

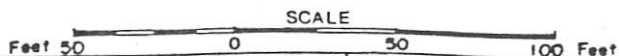
Assay interval and sample number.

(.04) Au - oz/ton
.85 Sb - %

QUINTANA MINERALS CORPORATION

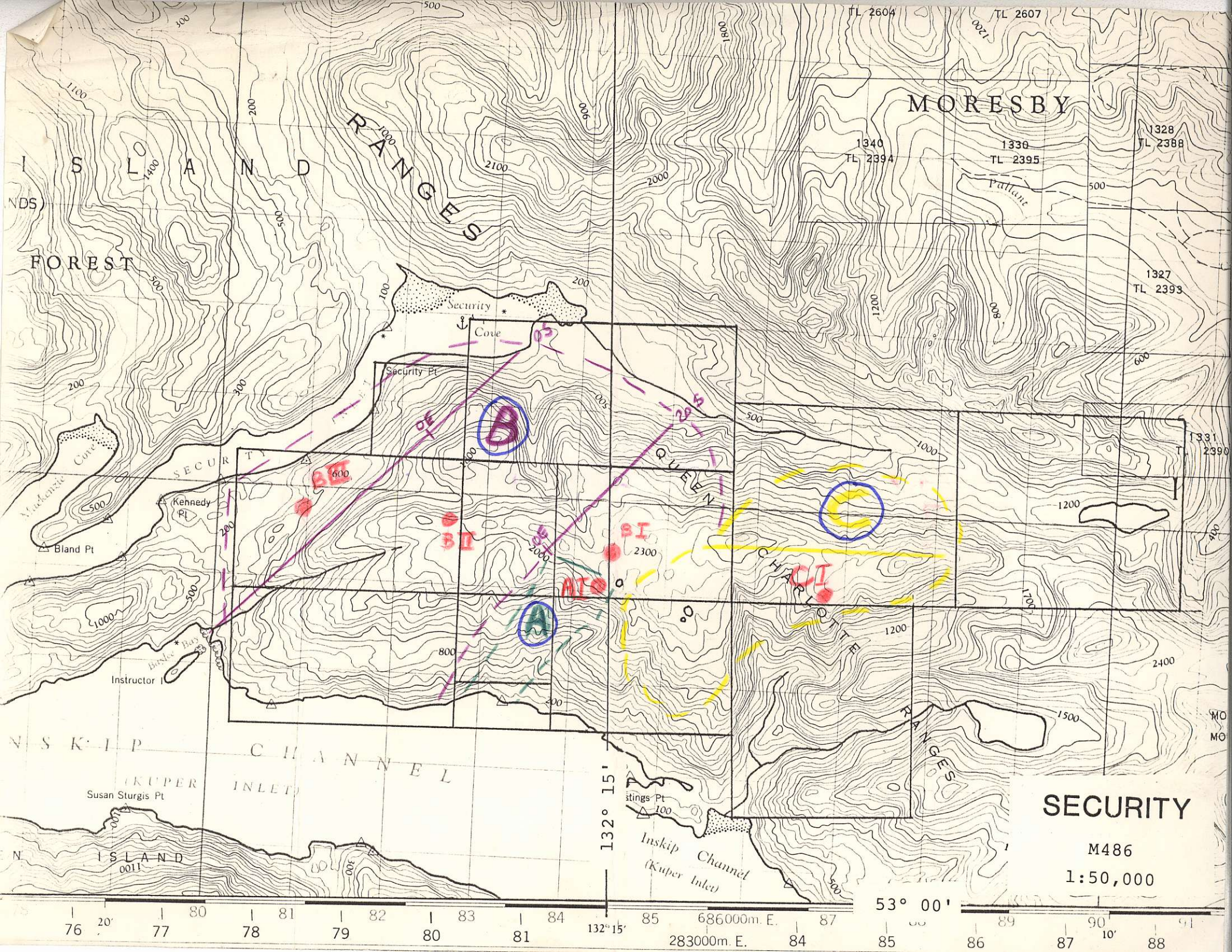
COURTE PROPERTY
RENNEL SOUND - QUEEN CHARLOTTE ISLANDS

GEOLOGY
SOL CREEK SHOWINGS



Prepared by: J.S.C. Date: May 3, 74
Drawn by: A.T.K. Revised: NTS MAP AREA 103-F / B W DRAWING No.

Average 310' Chip Sample
#5860-5870
.04 Au. oz/ton
.40 Sb %



MORIESBY

FOREST

ISLAND RANGES

SECURITY

CHANNEL

INLET

(KUPER INLET)

INSKIP ISLAND

Inskip Channel (Kuper Inlet)

SECURITY

M486

1:50,000

132° 15'

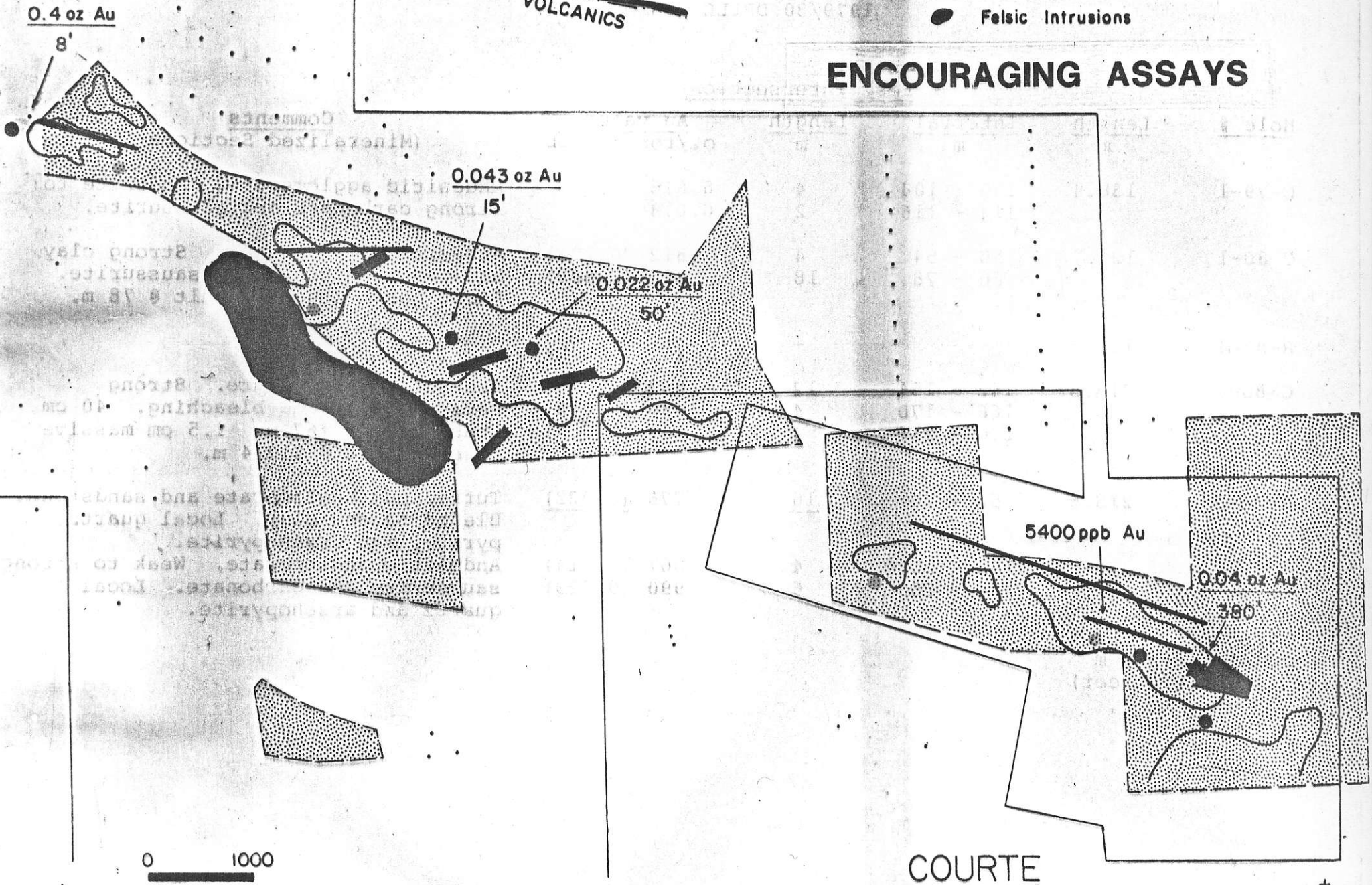
53° 00'

76 20' 77 80 78 81 79 82 80 83 81 84 132° 15' 85 686000m. E. 87 800 89 87 90 10' 88 283000m. E. 84 85 86 87 88 89 90 91

TERTIARY VOLCANICS
JURASSIC VOLCANICS

- 1980 Drilling
- Au-As Anomalies
- Felsic Intrusions

ENCOURAGING ASSAYS



COURTE
1979/80 DRILL HOLE SUMMARY

<u>Hole #</u>	<u>Length</u> m	<u>Best Intersections</u>			<u>Au values</u> oz/ton or ppb	<u>Comments</u> (Mineralized Sections)
		<u>Interval</u> m	<u>Length</u> m			
C-79-1	138.4	100 - 104	4	0.015	Andesitic agglomerate. Moderate to strong carbonate and saussurite.	
		114 - 116	2	0.018		
C-80-1	120.7	50 - 54	4	812 (0.023)	Andesitic agglomerate. Strong clay and moderate to strong saussurite. Small gouge zones. Fault @ 78 m.	
		60 - 78	18	316 (0.009)		
R-80-1	159.7	-	-	-		
C-80-2	218.5	142 - 154	12	852 (0.025)	Andesitic agglomerate. Strong saussurite. Some bleaching. 40 cm Crush zone @ 167 m. 1.5 cm massive arsenopyrite @ 212.4 m.	
		166 - 170	4	1480 (0.043)		
		210 - 214	4	107 (0.003)		
C-80-3	218.5	58 - 74	<u>16</u>	776 (<u>0.022</u>)	Tuffaceous agglomerate and sandstone. Bleaching and clay. Local quartz, pyrite, and arsenopyrite.	
		182 - 186	4	507 (0.014)	Andesitic agglomerate. Weak to strong saussurite and carbonate. Local quartz and arsenopyrite.	
		194 - 200	6	990 (0.029)		
TOTAL	855.8 m (2800 feet)					

GOSSAN,
MINERALS

INTRUSIVE

LIMESTONE
DOLOMITE

SHALE



CHERT



VOLCANIC



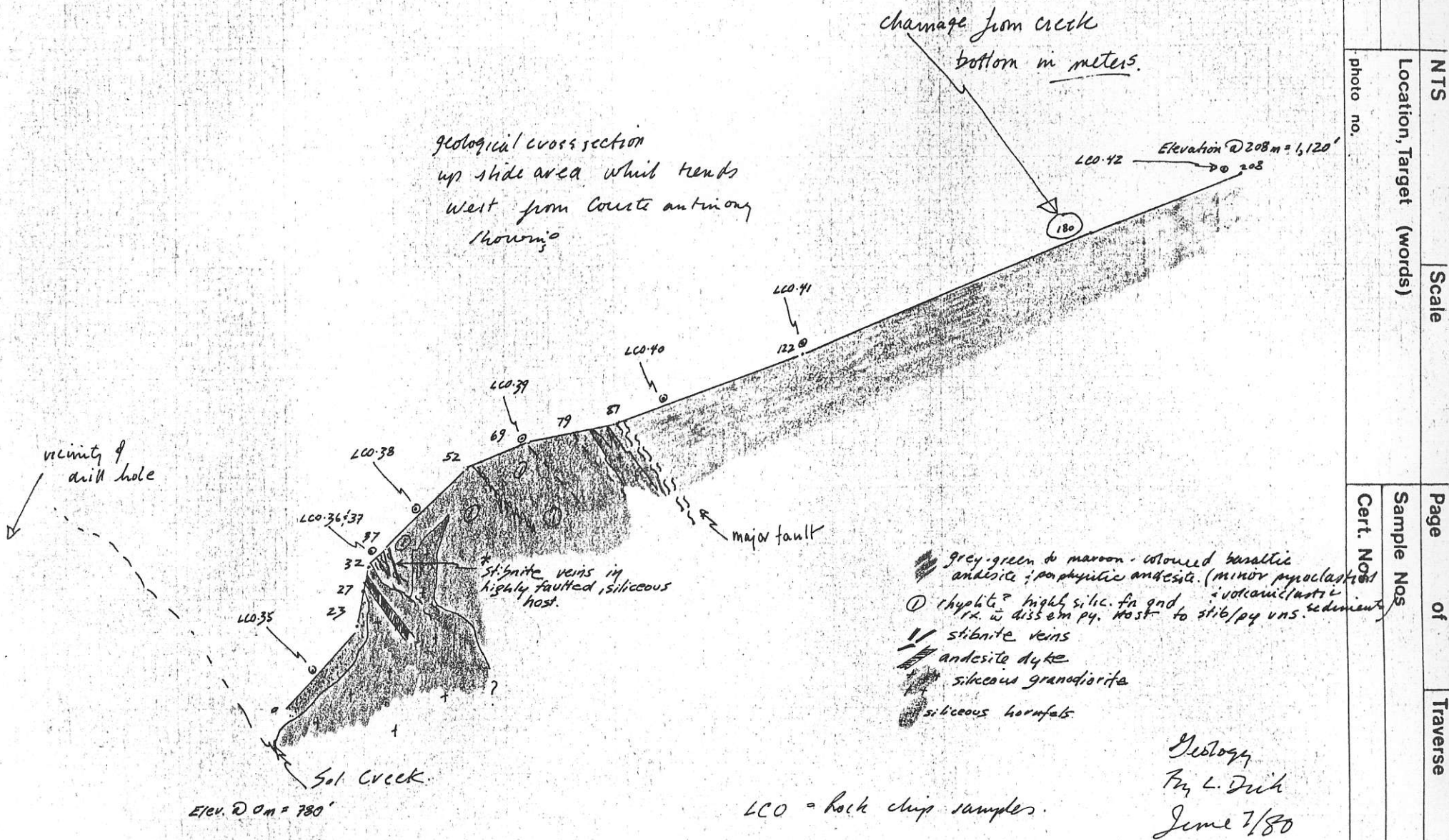
CONGLOMERATE

SANDSTONE
SILTSTONEATTITUDES
(100/40 N)

SILT X SOIL • ROCK • PAN Δ WATER O

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY; DEFINED — INFERRED - - - ASSUMED.....



GEOCHEM: Cu Mo Pb Zn U W

ASSAY:

Project	NTS	Scale	Page	of	Traverse
Sampler	Location, Target (words)		Sample Nos		
Date	photo no.		Cert. Nos		

TERTIARY
JURASSIC VOLCANICS
VOLCANICS

- ⊙ 1980 Drilling
- Au-As Anomalies
- Felsic Intrusions

0.4 oz Au

8'

0.043 oz Au

15'

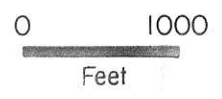
0.022 oz Au

50'

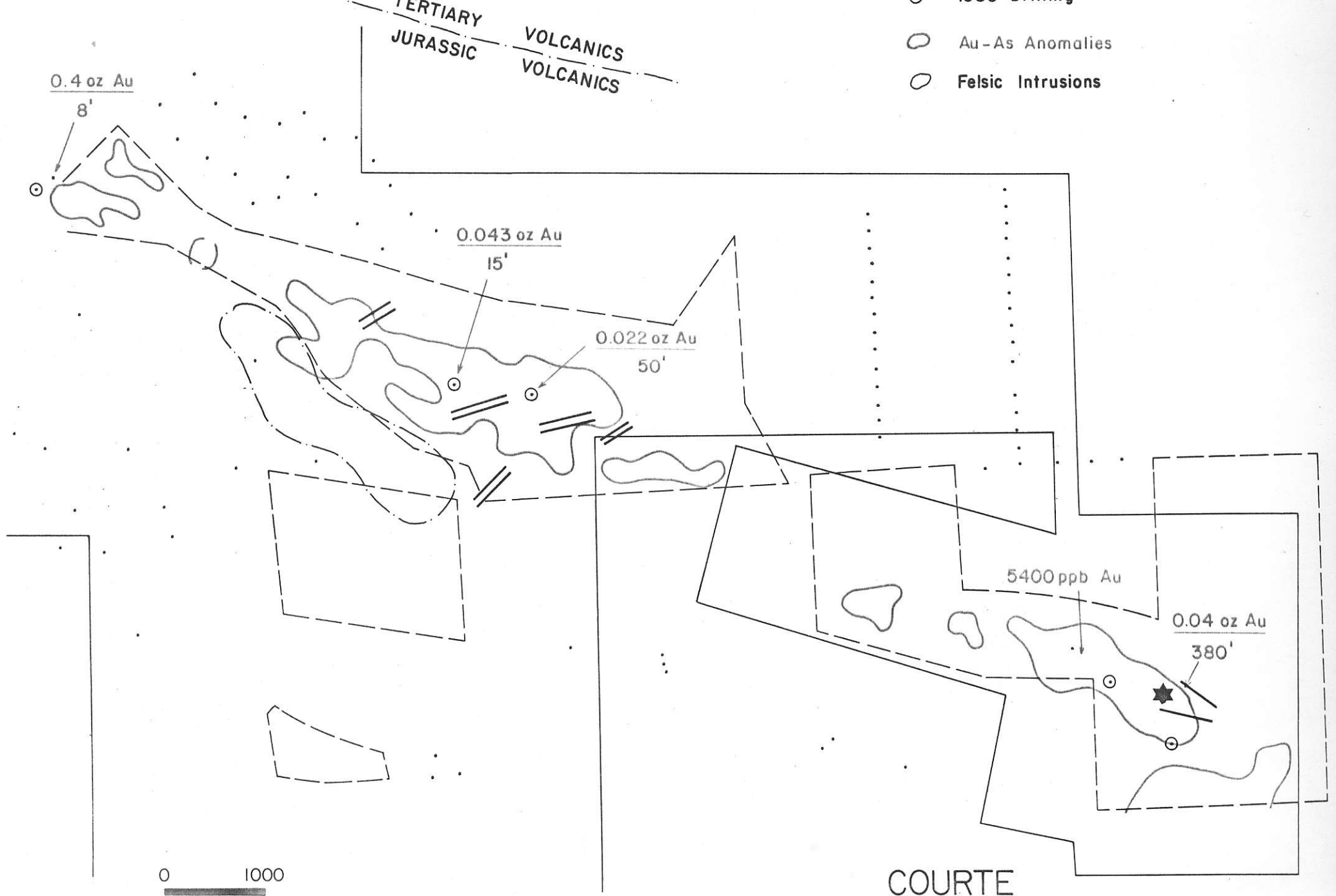
5400 ppb Au

0.04 oz Au

380'



COURTE



○ Andesite
 ○ Limestone

HOLE PROFILE

53°

gauge

shear, 15°
mylonite

60°

30°

65°

82

Quartz veins

Altered rock
(minimum S. extension)

SOL CK.
 PLAN
 1:1000

8N	10,27,33	4,8,14																		
	12,23,56	10,28,28	14,26,39																	
6N	4,6,15	12,38,52	19,39	8,22,28																
	8,13,20	28,6,14	10,25	38,54	44,29,74															
4N	10,15,29	12,13,20	2,7,12	4,11,22	4,11															
	6,8,16	16,8,22	20,18,58	4,5,7	20,17,33	40,5,9														
2N	16,33,74	16,21,33	24,17,27	14,23,35	18,24,28	11,29														
	28,44	8,13,56	16,27,58	20,24,54	22,21,33	16,18,47														

BASELINE 0 16,29,97 12,16,64 18,40,59 24,33,70 20,17,33 16,10,29 40,9,50 20,21,30 24,27,35 16,11,50 26,33,53

	12,41,29	16,46	20,29	28,43	16,23	16,32	4,12,56													
2S	12,48,59	16,48	8,42	24,23,51	28,26	16,39,54	22,34													
	10,45	18,21,38	14,45	12,29,30	16,24,65	16,38,51	14,33													
4S	20,42,40	32,26,23	16,34	16,34	10,46	14,39,47	14,35													
	20,31,52	44,20,55	12,26,24	6,10,15	32,24,53	12,16,26	16,32													
6S	12,22,32	20,15,44	24,45,73	4,9,17	24,48,55	20,5,26	18,21,6													
		28,20,21	18,30,57	28,40,73			12,5,23													
8S		10,4,8	30,34,52	24,12,27																
		35,50																		

COURTE
 Sb)
 Cu) PP.
 Zn)