

**SECURITY**

Vancouver, B. C. 740 Km.

**FIG # 1 LOCATION MAP  
QUEEN CHARLOTTE ISLANDS**



Security  
841600  
M-486

SECURITY

THE GEOLOGICAL ENVIRONMENT IS SUITABLY COMPLEX

Limy to argillaceous sediments and 2 to 3 ages of volcanism.  
Intrusive related silica tourmaline alteration.  
Block faulting.

GOLD/ARSENIC GEOCHEMICAL INDICATIONS ARE STRONG

Maximum Au (spot assay) is 1.3 oz per ton.  
Largest associated As zone is 700' x 5000'.

RECOMMENDED 1980 EXPENDITURE IS \$55,000. CAN.

Fuller delineation of present targets.  
Extension of surface reconnaissance where sparse.

# LEGEND

## TERTIARY

 Masset-Rhyolite flows and dykes

 Quartz-Feldspar porphyry

## TRIASSIC-JURASSIC

 Kunga - chert, argillite, limestone

 Karmutsen-basalt flows

 Quartz veining

Faults

 Sericite chlorite alteration

 Carbonate alteration

 Silicification

 GOLD Soil geochemistry > 25ppb.

 Arsenic Soil geochemistry > 100ppm.

 Copper Soil geochemistry > 100ppm.

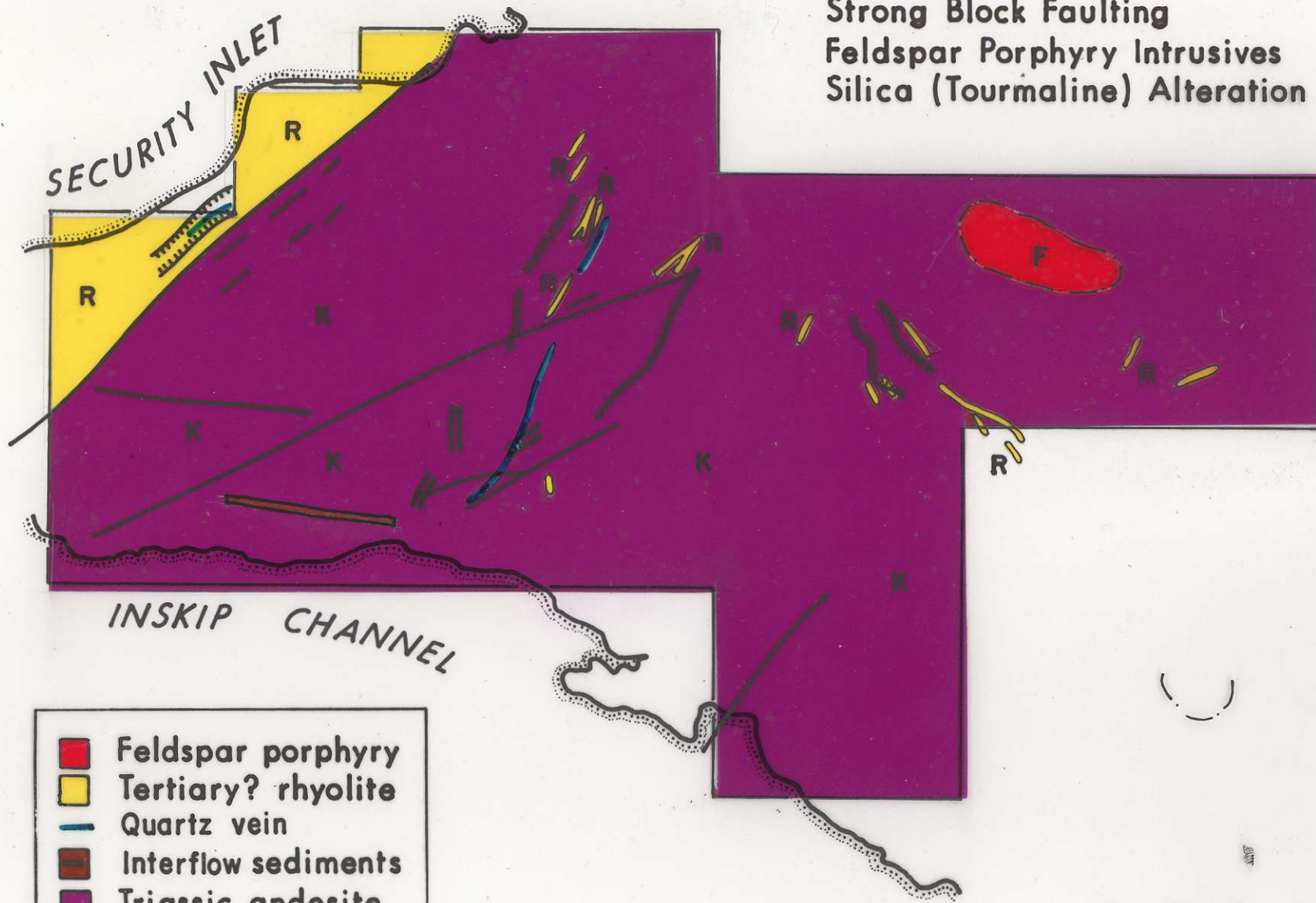
 Arsenic Rock " > 200ppm.







 GOLD Rock " > 30ppb.

 Copper Rock " > 200ppm.

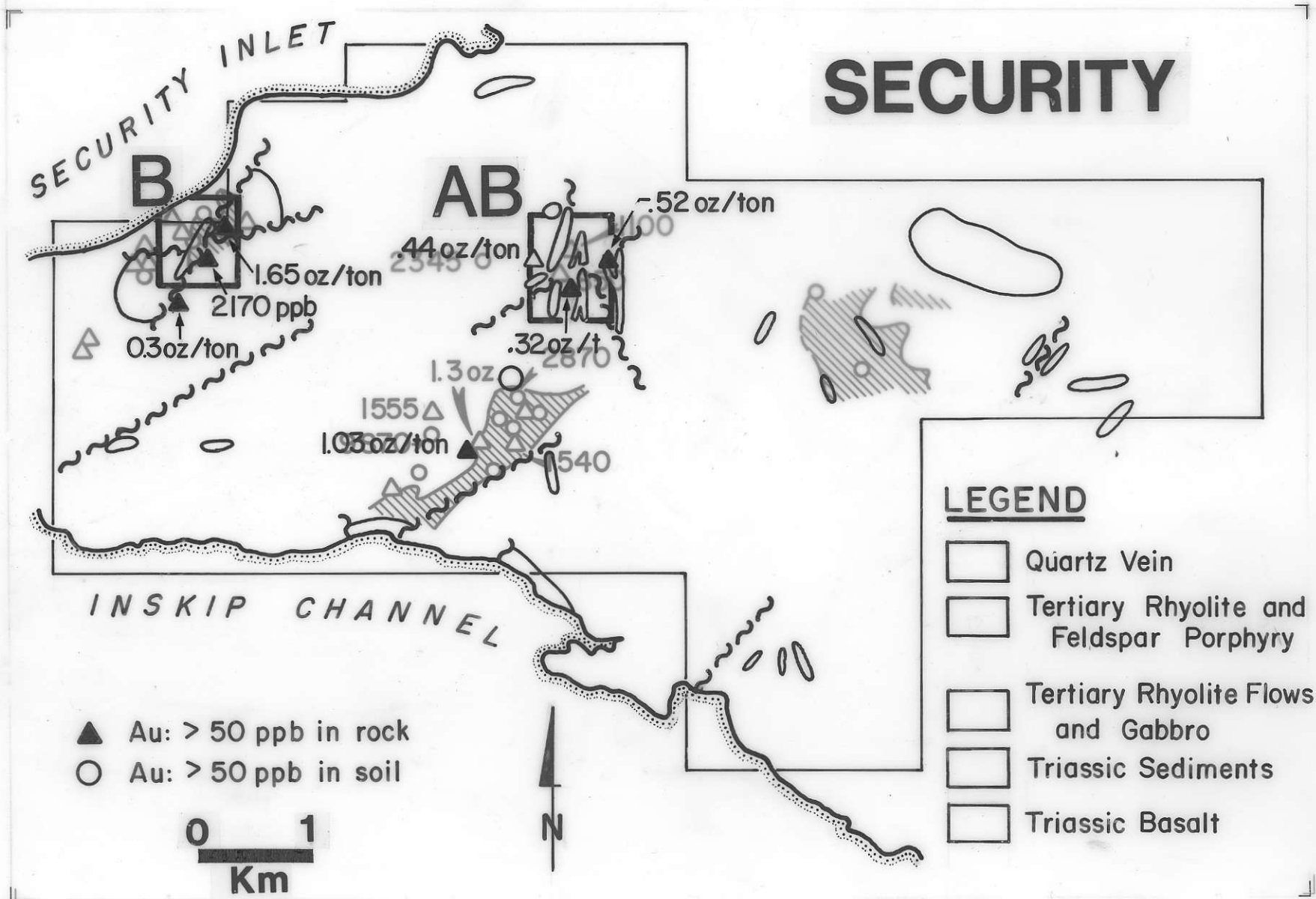
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GEOLOGY characterized by:-  
Diverse Lithologies  
Strong Block Faulting  
Feldspar Porphyry Intrusives  
Silica (Tourmaline) Alteration



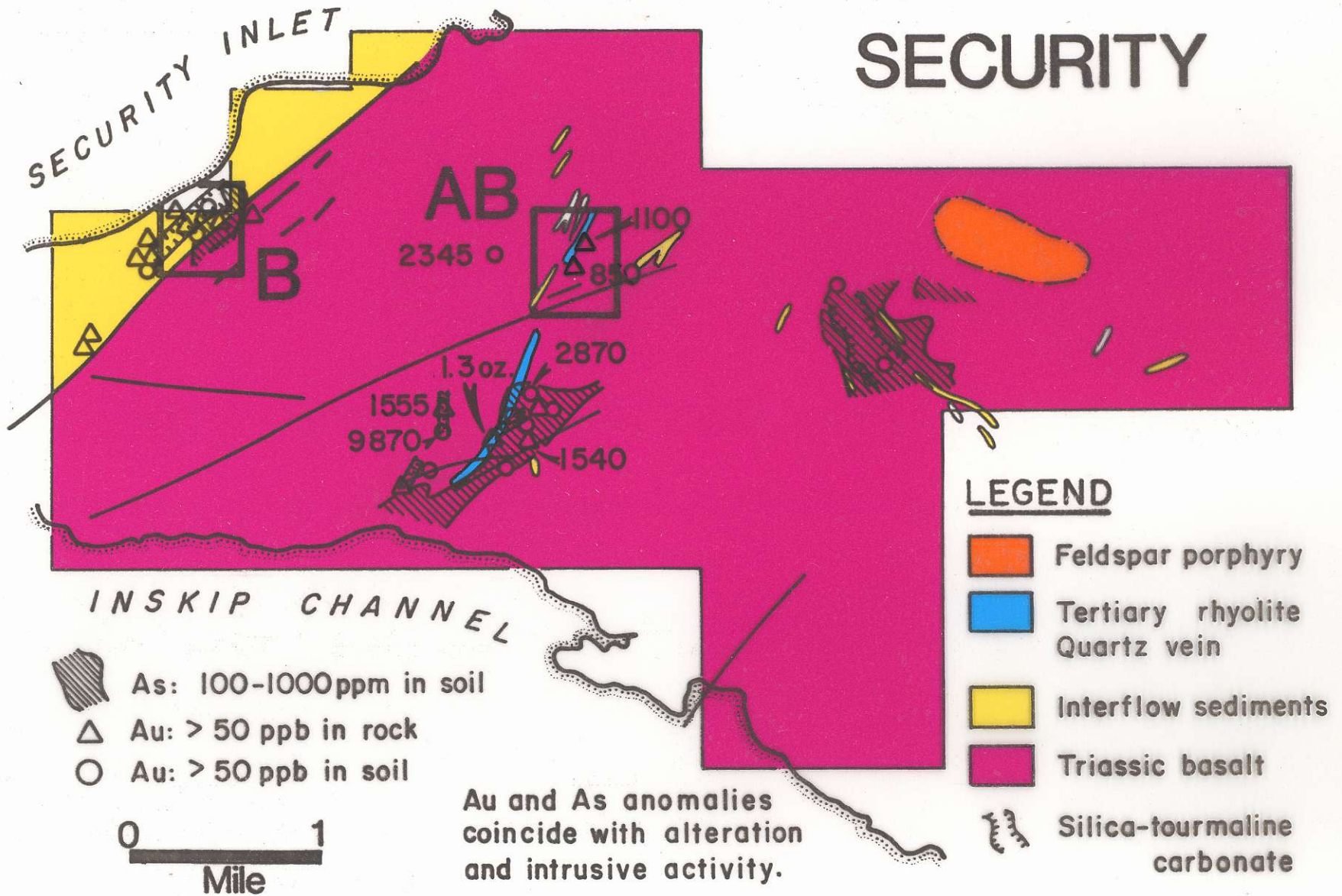
-  Feldspar porphyry
-  Tertiary? rhyolite
-  Quartz vein
-  Interflow sediments
-  Triassic andesite
-  Silica - tourmaline  
- carbonate

0 MILE 1





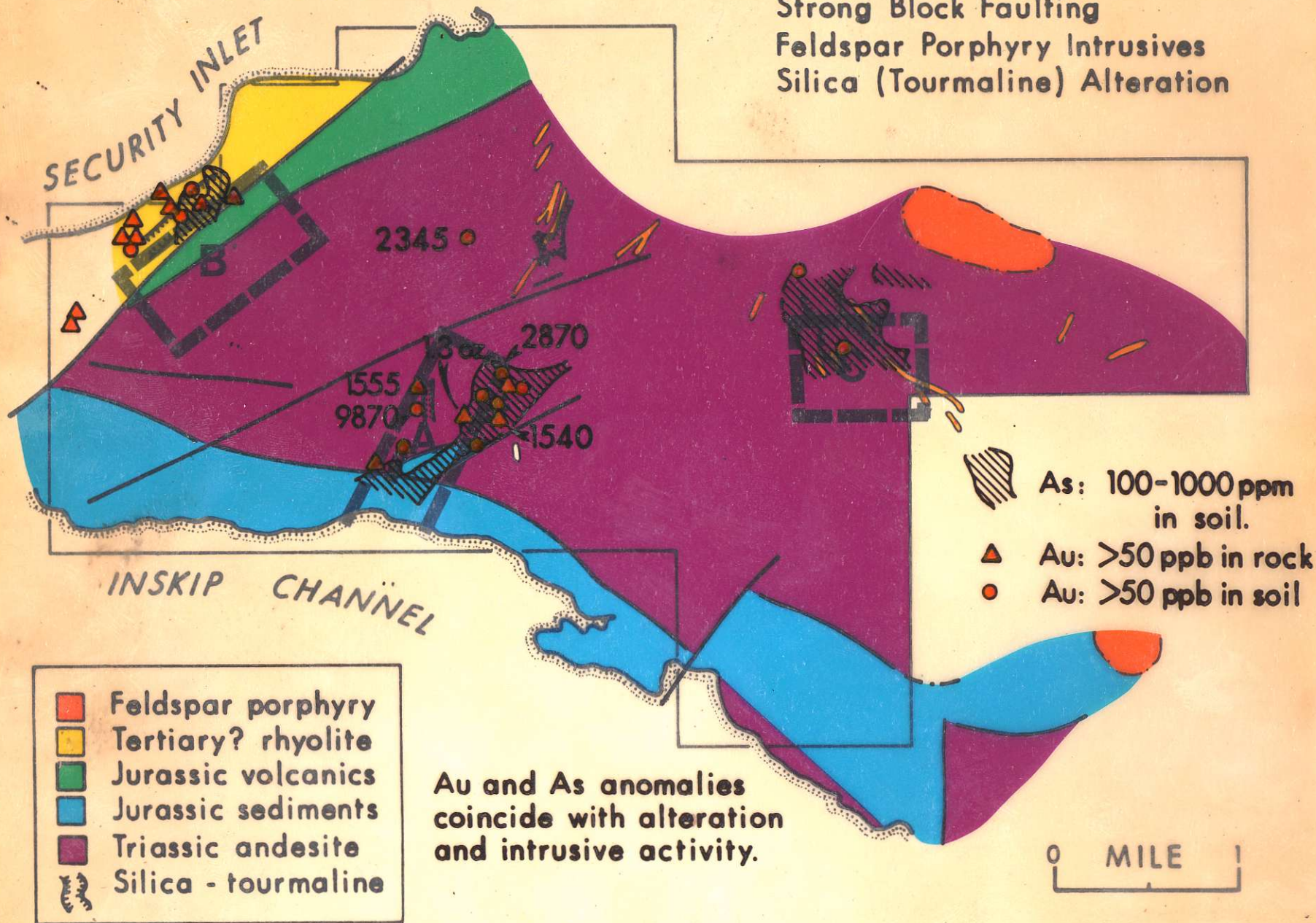
# SECURITY





# SECURITY

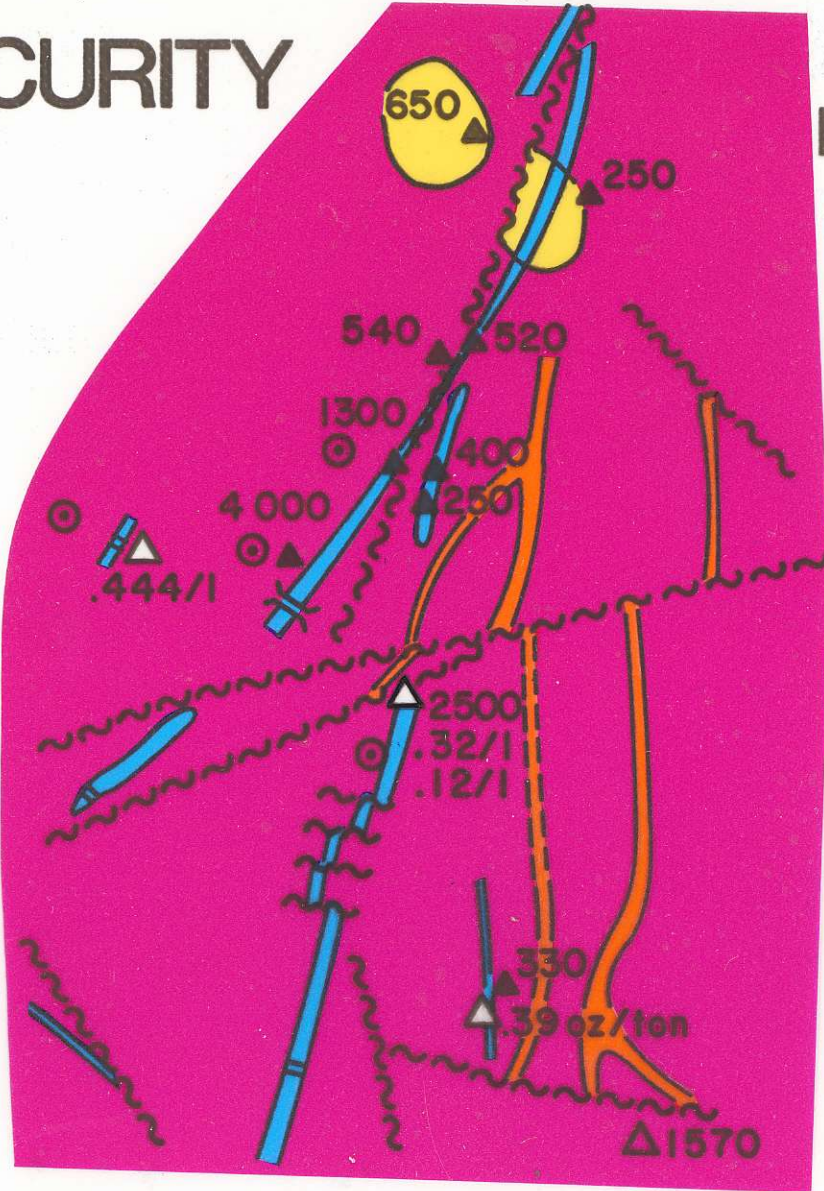
GEOLOGY characterized by:-  
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SECURITY

DETAILED AREA AB



LEGEND

-  QUARTZ VEIN
-  TERTIARY RHYOLITE
-  FELDSPAR PORPHYRY
-  TRIASSIC PILLOW-MASSIVE BASALT

 ROCK SAMPLE - CHANNEL oz/ton OVER 1 meter

 500 ROCK SAMPLE ppb

 FAULT

 DRILL HOLE



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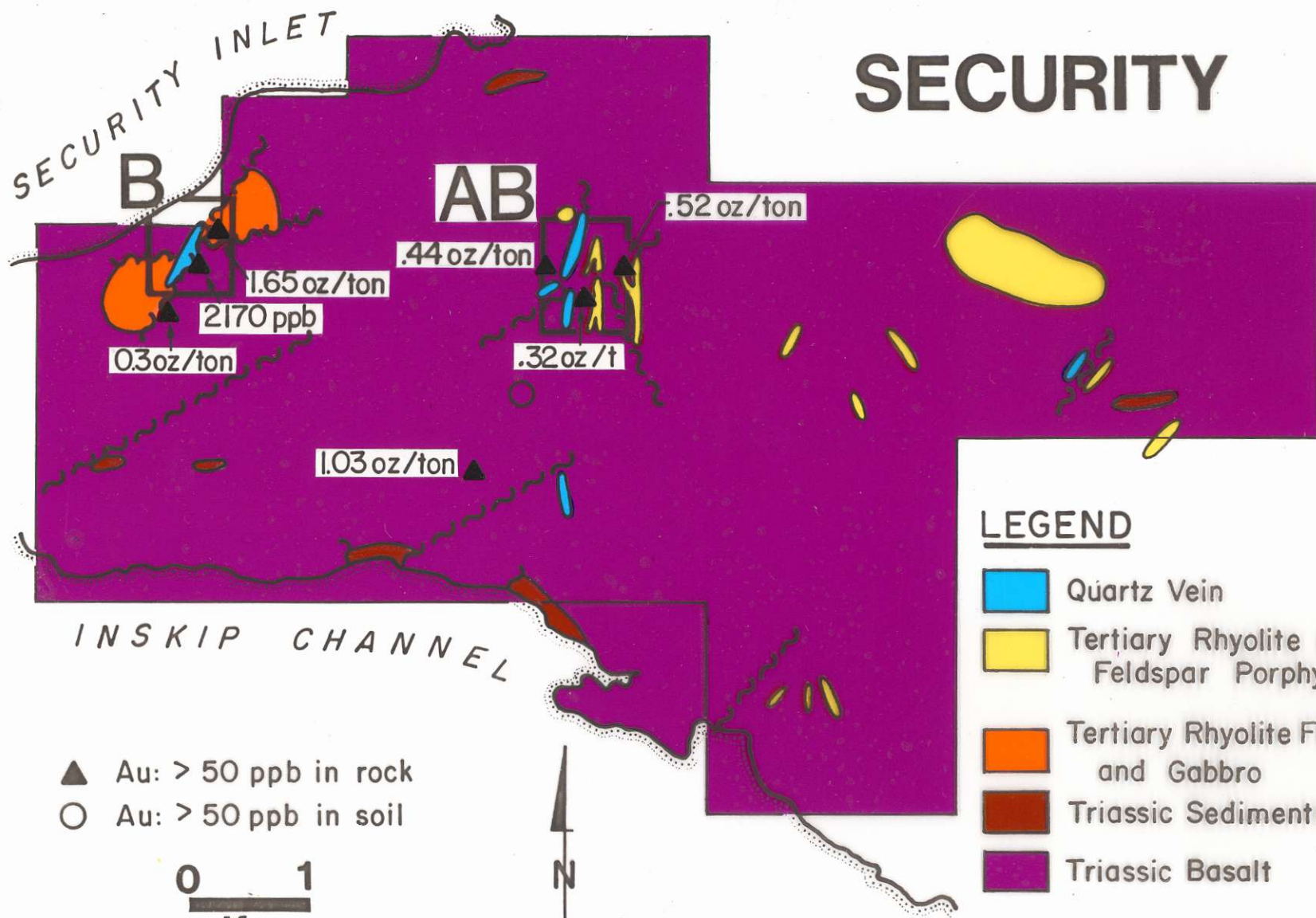


SECURITY INLET

B

AB

# SECURITY



1.65 oz/ton  
2170 ppb  
0.3 oz/ton

.44 oz/ton

.52 oz/ton

.32 oz/t

1.03 oz/ton

## LEGEND

- Quartz Vein
- Tertiary Rhyolite and Feldspar Porphyry
- Tertiary Rhyolite Flows and Gabbro
- Triassic Sediments
- Triassic Basalt

▲ Au: > 50 ppb in rock

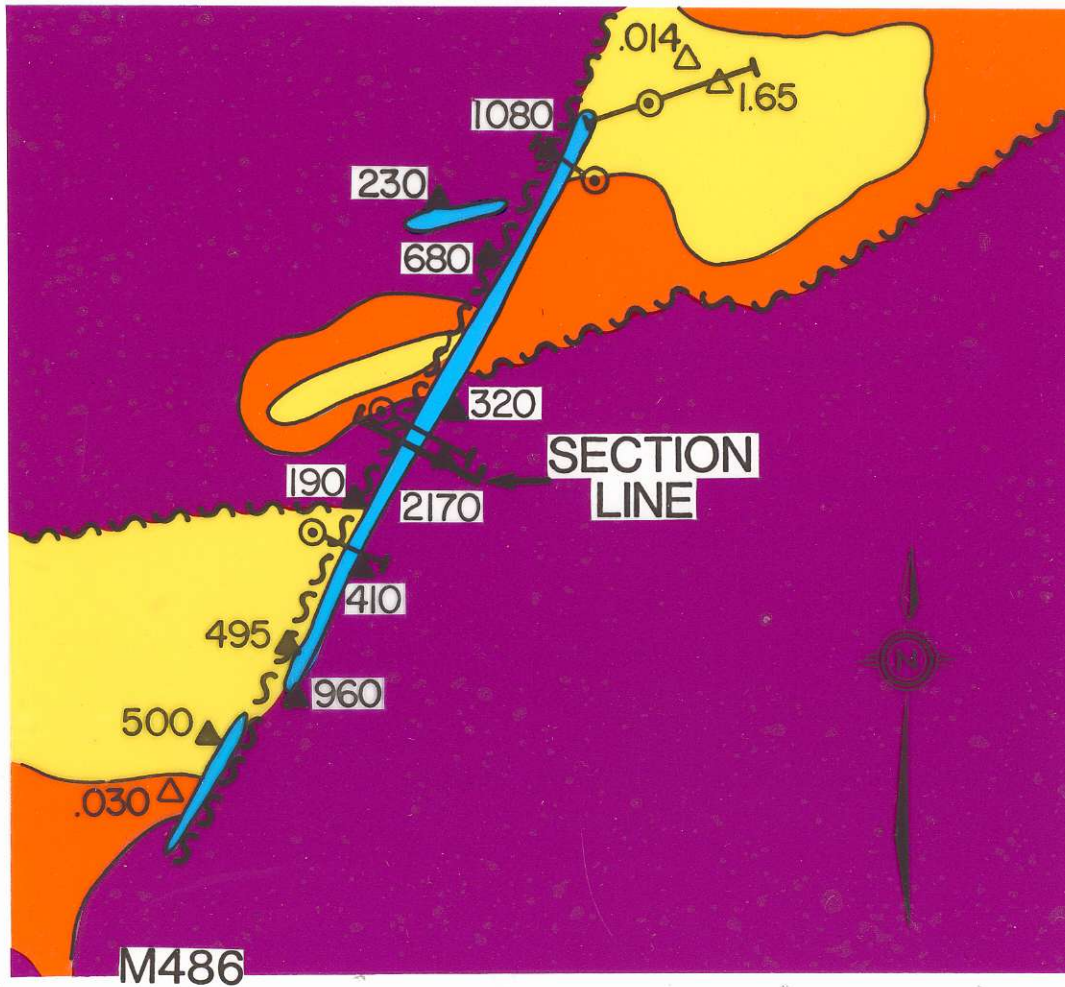
○ Au: > 50 ppb in soil

0 1  
Km



# SECURITY

## DETAILED B ZONE



### LEGEND

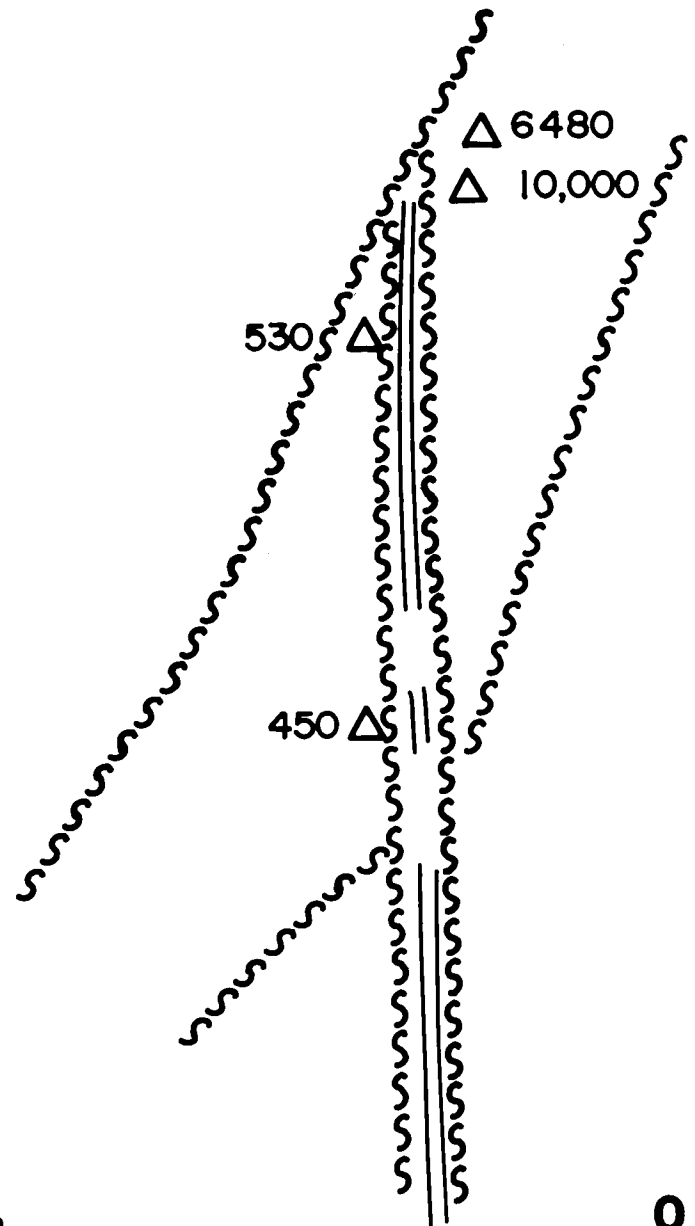
- QUARTZ VEIN
- TERTIARY GABBRO
- TERTIARY RHYOLITE
- TRIASSIC MASSIVE BASALT
- $\Delta_{.31/1}$  ROCK SAMPLE CHANNEL  
Au oz/ton over 1meter
- $\blacktriangle_{500}$  ROCK SAMPLE Au-ppb
- $\sim\sim$  FAULT
- $\odot$  DRILL HOLE




0 200  
m



# SECURITY

## DETAILED AREA B

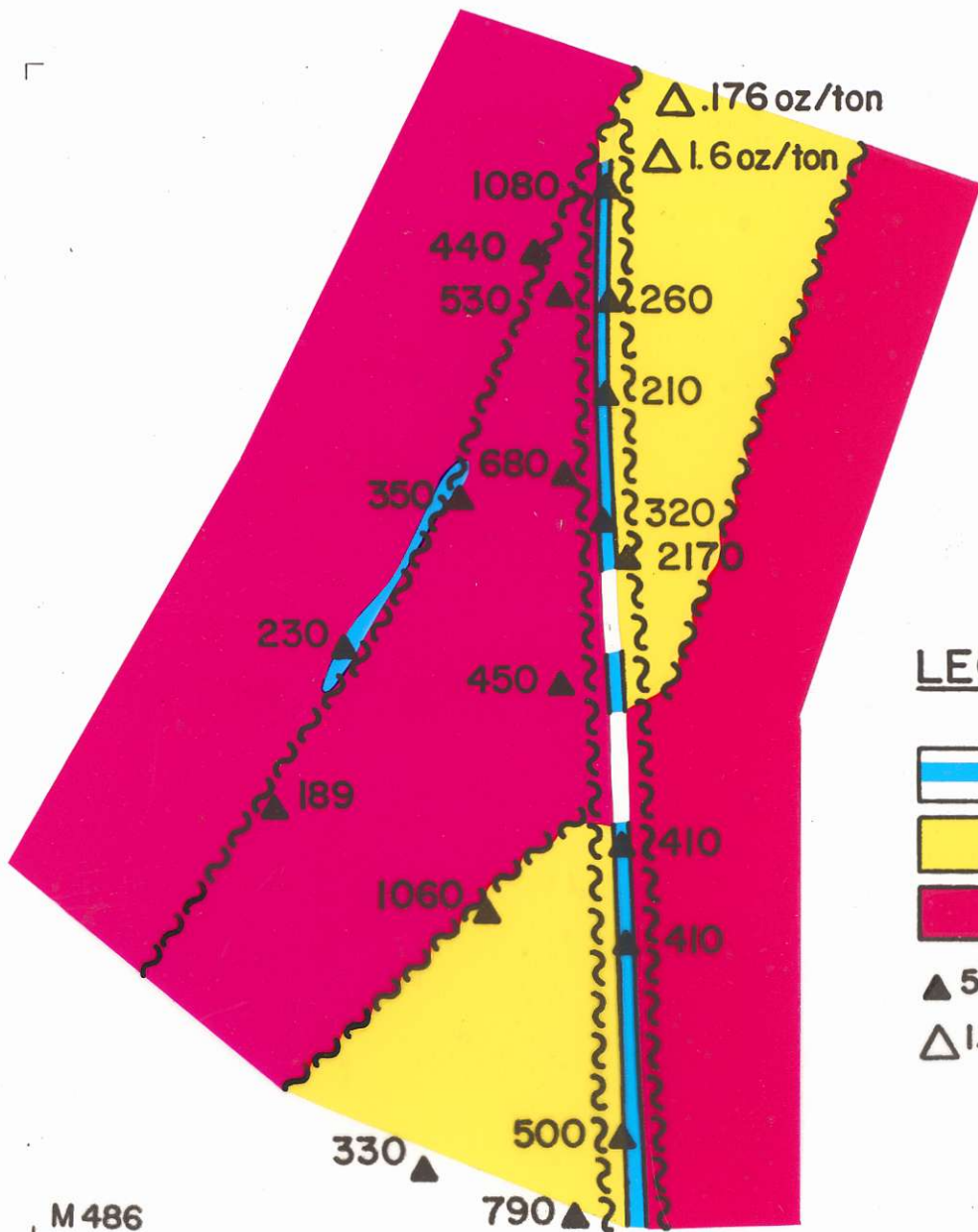


-  QUARTZ VEIN
-  TERTIARY RHYOLITE - GABRO
-  TRIASSIC KARMUTSEN BASALT
- $\Delta$ 530 ROCK SAMPLE ppb Au.



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## DETAILED AREA B



### LEGEND

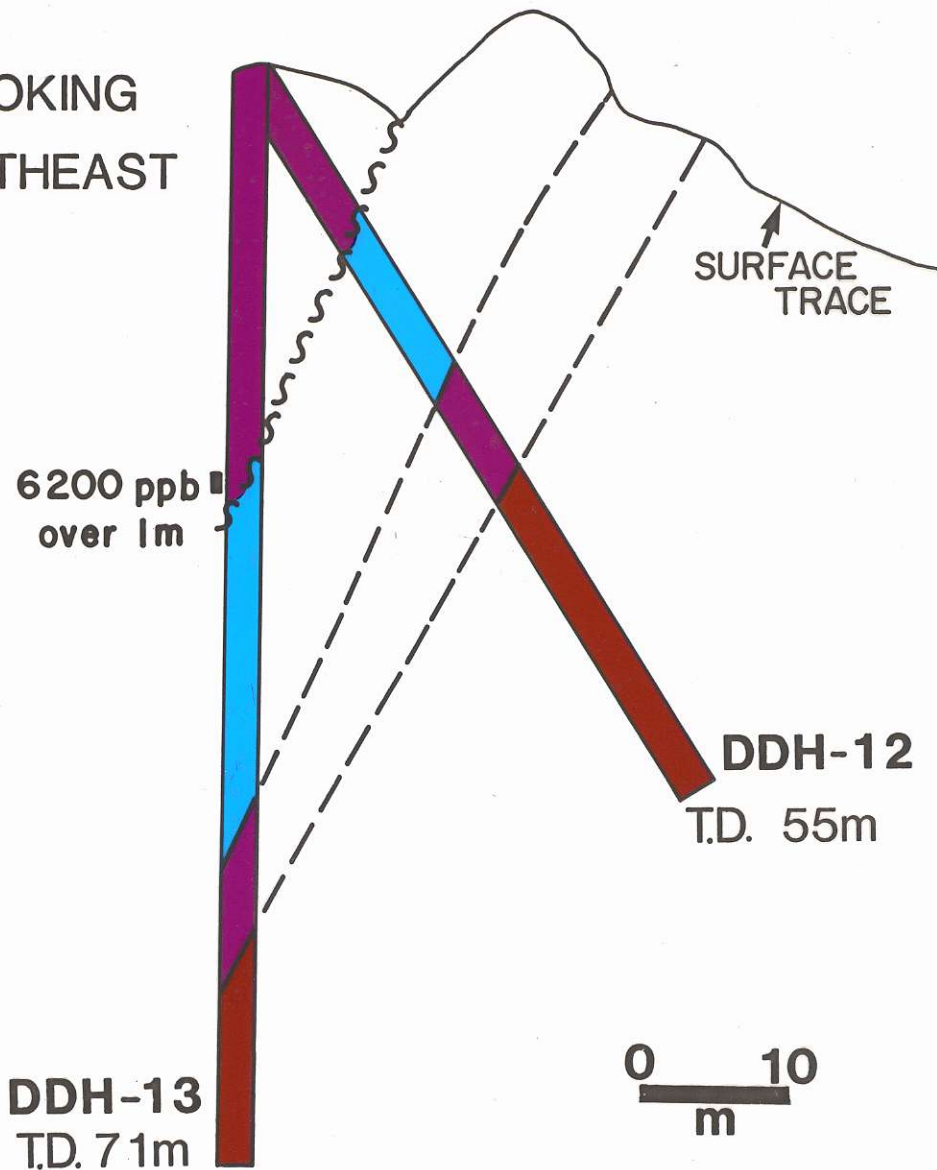
-  QUARTZ VEIN
-  TERTIARY RHYOLITE - GABBRO
-  TRIASSIC KARMUTSEN BASALT
-  530 ROCK SAMPLE ppb Au.
-  1.6 ROCK GRAB SAMPLE

0 150  
m

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LOOKING  
NORTHEAST



6200 ppb  
over 1m

**DDH-13**  
T.D. 71m


**DDH-12**  
T.D. 55m

0 10  
m

# SECURITY

## DRILL SECTION B ZONE

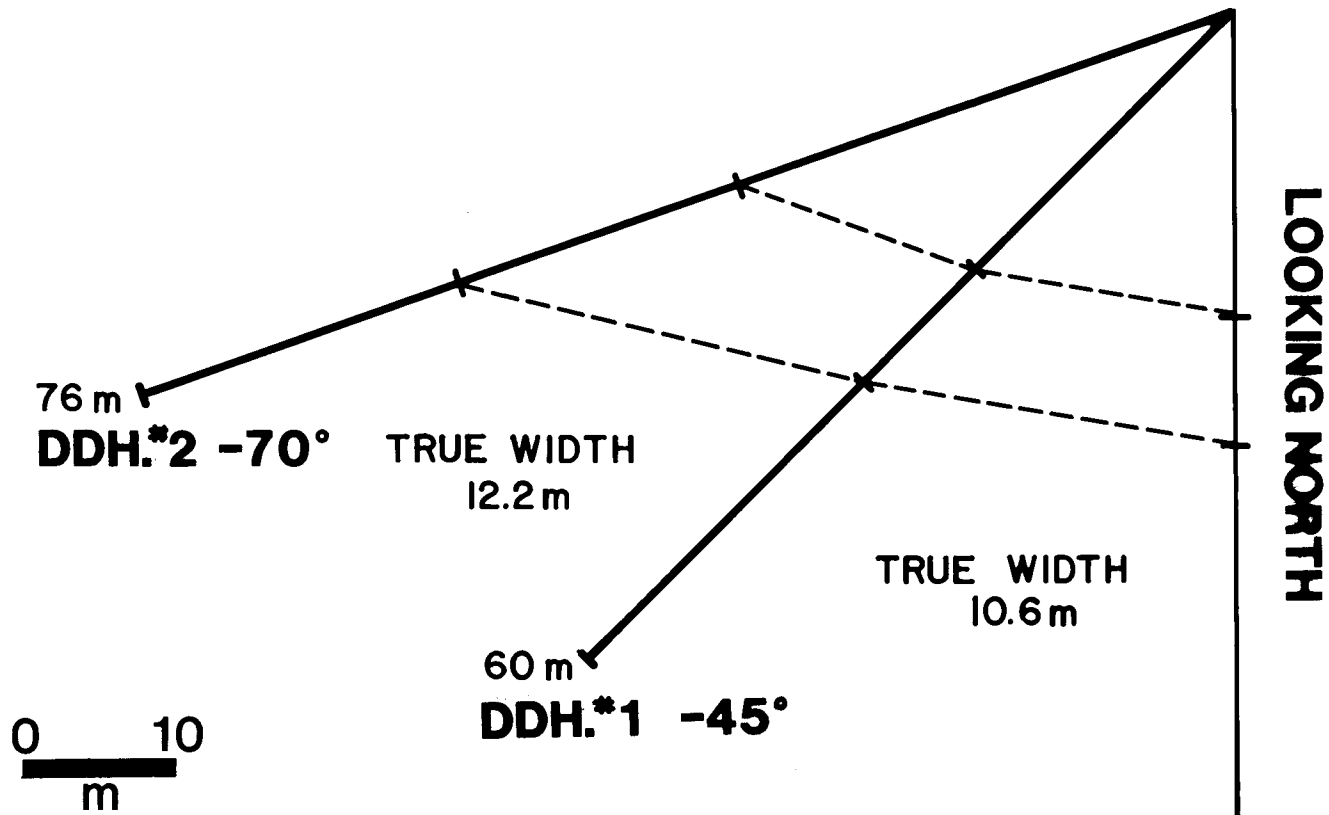
### LEGEND

-  QUARTZ VEIN
-  TRIASSIC SEDIMENTS
-  TRIASSIC BASALT
-  CONTACT
-  FAULT

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# SECURITY DRILLING

AB ZONE DDH.\*1/2





# SECURITY DRILLING

AB ZONE DDH.#4/5

