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**Print File**<sup>®</sup>  
ARCHIVAL PRESERVERS

STYLE NO. 2x2-20B

*McMILLAN*

INSERT EMULSION SIDE DOWN

DATE *3 04 89*

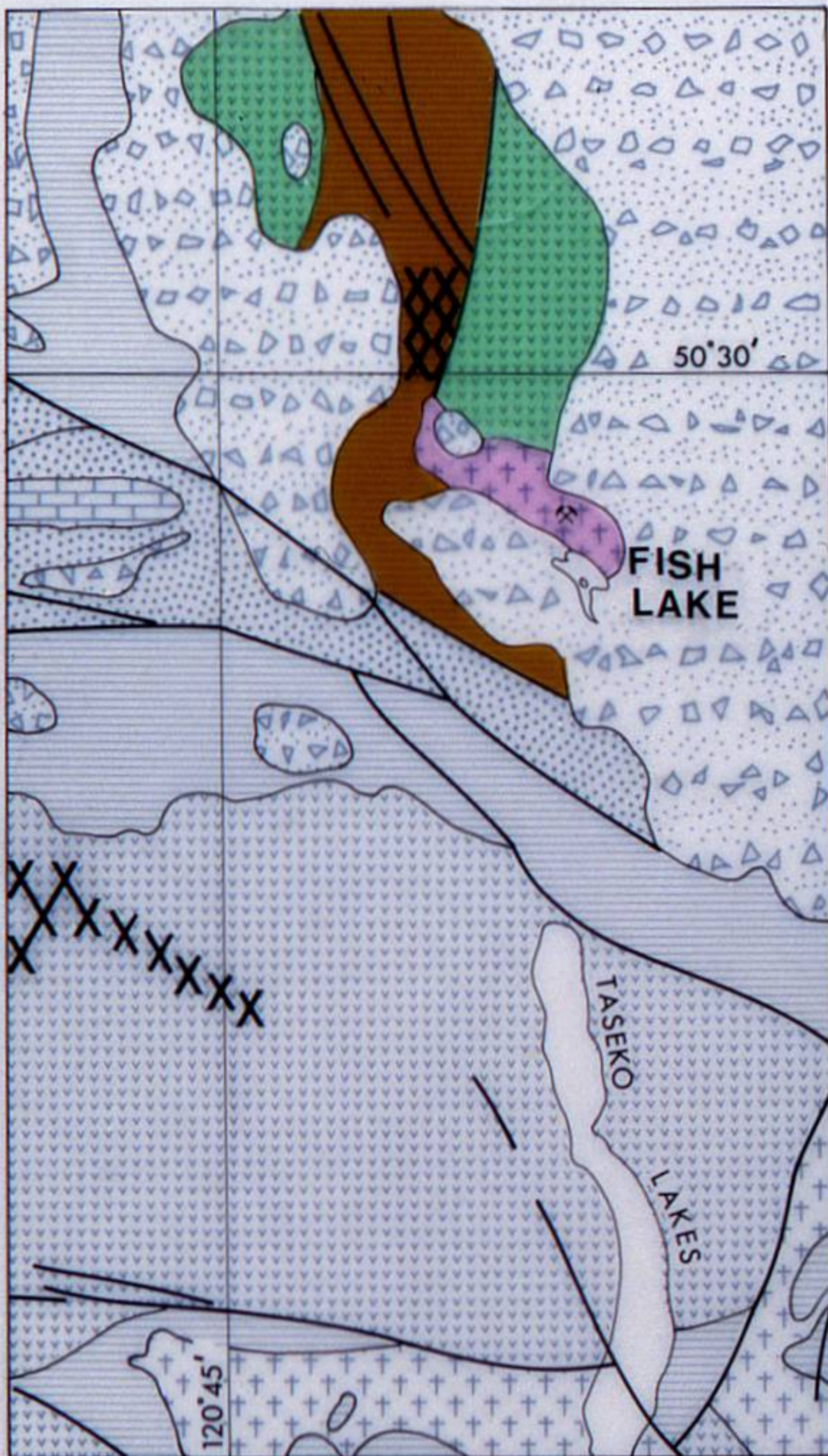
ASSIGNMENT

503810

FILE NO.

*XX*

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**LEGEND**

**TERTIARY**

BASIC FLOWS, TUFFS, BRECCIA

**CRETACEOUS OR TERTIARY**

DIORITE TO GRANITE

DYKE SWARM AREA

**CRETACEOUS**

PYROCLASTIC VOLCANIC ROCKS, SOME FLOWS

SHALE, GREYWACKE, CONGLOMERATE

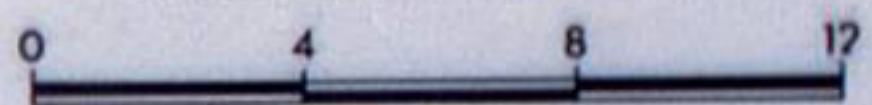
**JURASSIC**

ARGILLITE, TUFF, GREYWACKE, CONGLOMERATE

**TRIASSIC**

LIMESTONE

MINERAL DEPOSIT.....

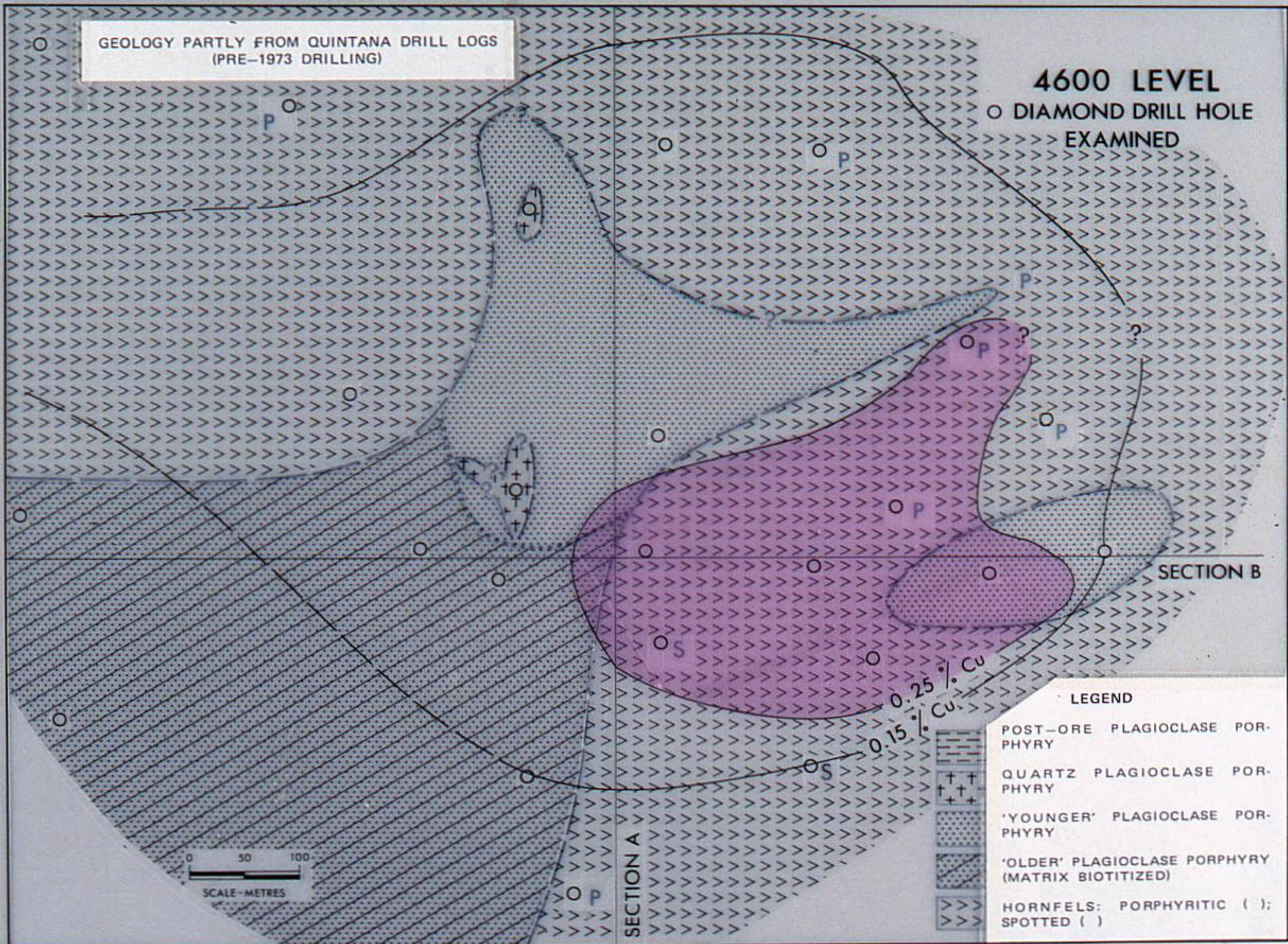


SCALE-KILOMETRES

GEOLOGY PARTLY FROM QUINTANA DRILL LOGS  
(PRE-1973 DRILLING)

4600 LEVEL

○ DIAMOND DRILL HOLE  
EXAMINED



LEGEND

POST-ORE PLAGIOCLASE PORPHYRY

QUARTZ PLAGIOCLASE PORPHYRY

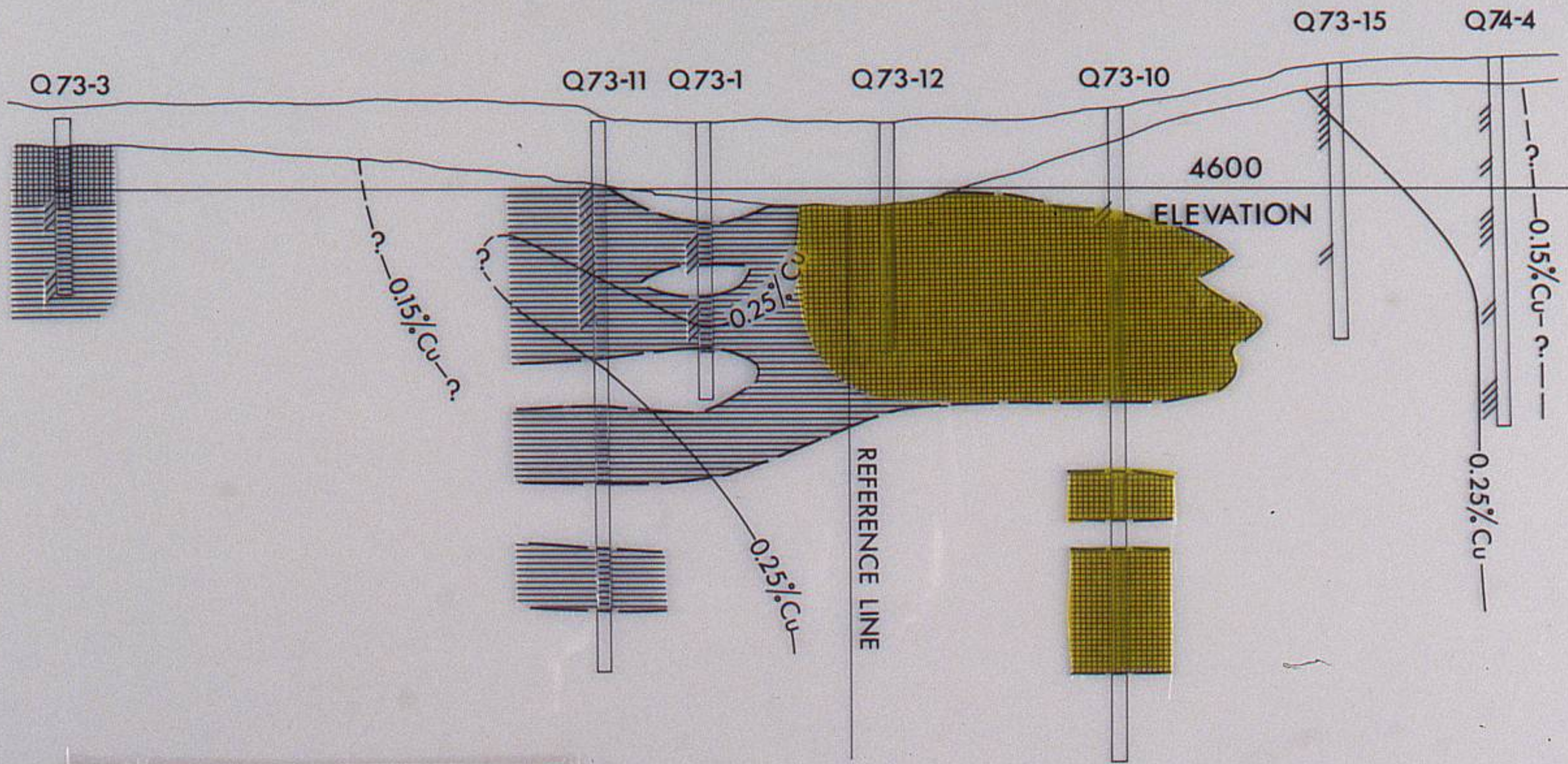
'YOUNGER' PLAGIOCLASE PORPHYRY

'OLDER' PLAGIOCLASE PORPHYRY (MATRIX BIOTITIZED)

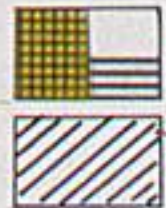
HORNFELS: PORPHYRITIC ( ); SPOTTED ( )

FISH LAKE

# SECTION B



## LEGEND



SECONDARY BIOTITE: PERVASIVE; SPOTTY

SECONDARY BIOTITE: VEINS AND FRACTURES

0 50 100



SCALE - METRES

KLOTASSIN

EARLY JURASSIC

BLACK LAKE

<0.704

SCHAFT

GALORE

BLACK LAKE

<0.704

TOPLEY

<0.704

ALKALIC

CALC-ALKALIC

Geological  
Tectonic As  
(Wheeler an

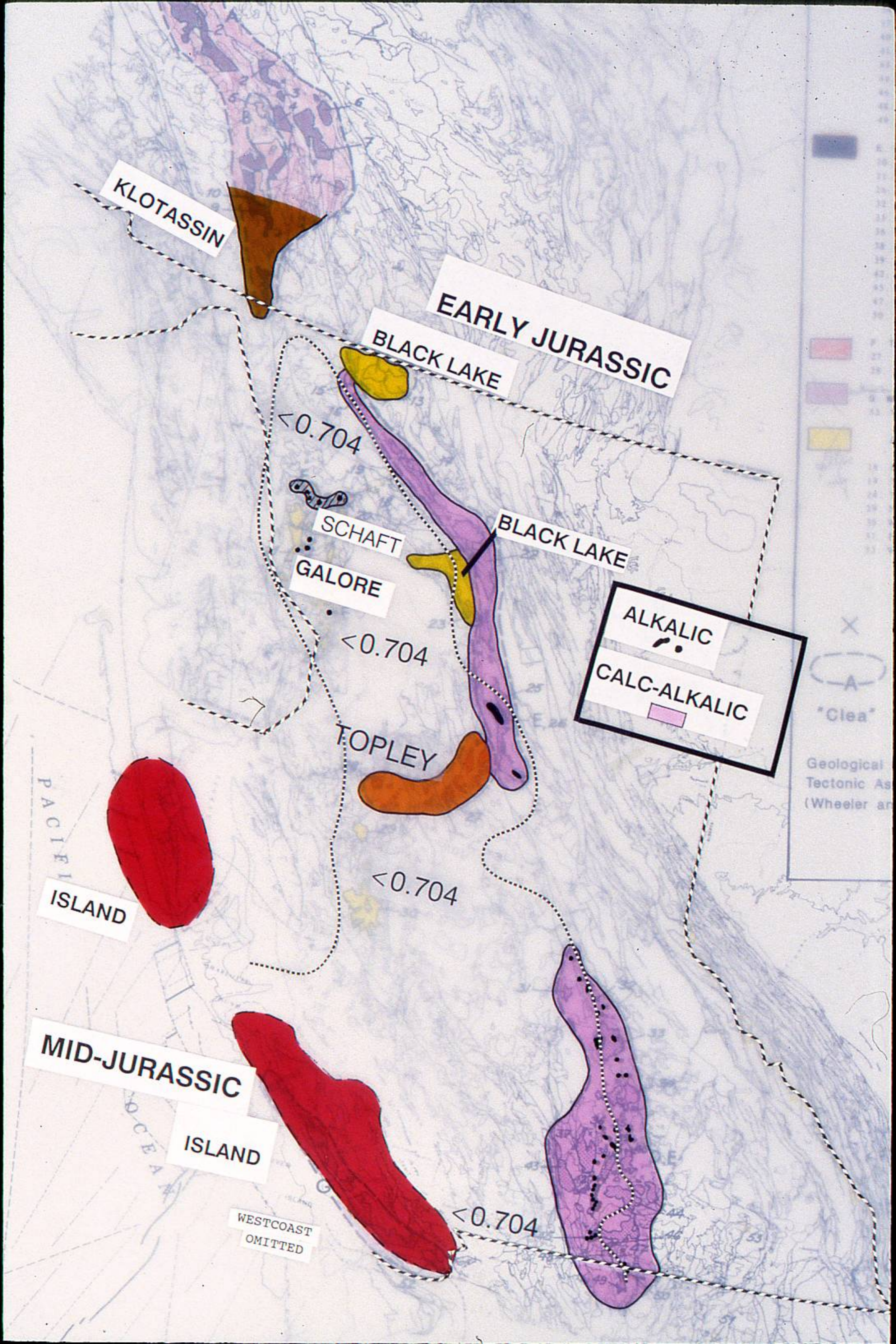
PACIFIC ISLAND

MID-JURASSIC

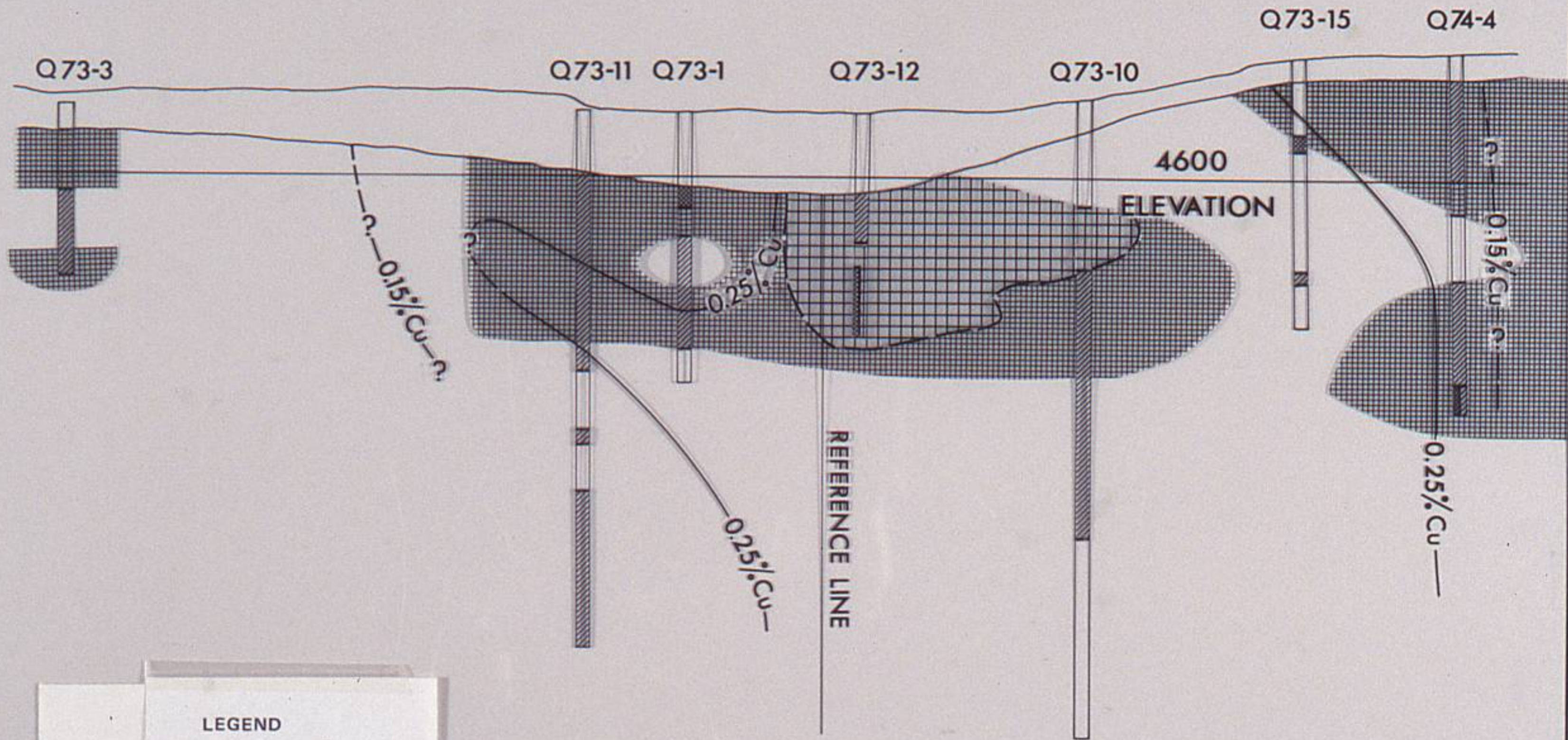
ISLAND

WESTCOAST OMITTED

<0.704





# SECTION B

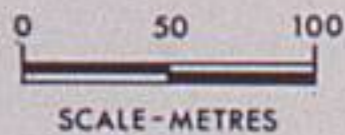


**LEGEND**

CHLORITE DISTRIBUTION

 PERVASIVE; SPOTTY

 FRACTURE CONTROLLED:  
UBIQUITOUS; LOCAL



# EARLY TERTIARY

< 0.704



NANIKA

BABINE

GOOSLY/QUANCHUS

< 0.704



CATFACE

CORYELL/LADYBIRD



- 1. Ladybird
- 32. South Fossil
- 37. Sheppard

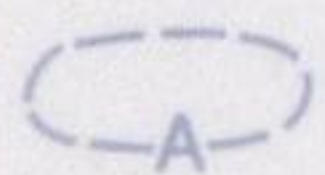
## INDIVIDUAL

- 3. Ruby Range
- 7. Fourth of July
- 8. Mount Haskin
- 9. Balourdet
- 10. Hyder
- 13. Blackpine Lake
- 15. Ponder (in part)
- 16. Quottoon (Late)
- 17. Kasiks
- 19. Tsaytis
- 23. Tatla Lake
- 24. Eagle Lake
- 25. Maggie
- 29. Sooke
- 30. Needle Peak
- 33. Monument Peak
- 34. Golden Horn
- 35. Railroad Creek
- 36. Cooper Mountain
- 38. Sweetgrass Hill
- 39. Bearpaw
- 40. Carpenter Bay

## LEGEND



Small pl



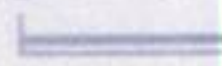
Plutonic

"Clea"

Pluton mineral

Geological Base Map  
Tectonic Assemblage  
(Wheeler and McFee)

0



EARLY STAGE

MAIN STAGE

POST-SULPHIDE STAGE

- Magnetite
- Biotite
- Quartz
- Chlorite
- Sericite
- Pyrite
- Chalcopyrite
- Bornite
- Molybdenite
- Carbonate
- Anhydrite
- Gypsum
- Graphite
- Hematite

