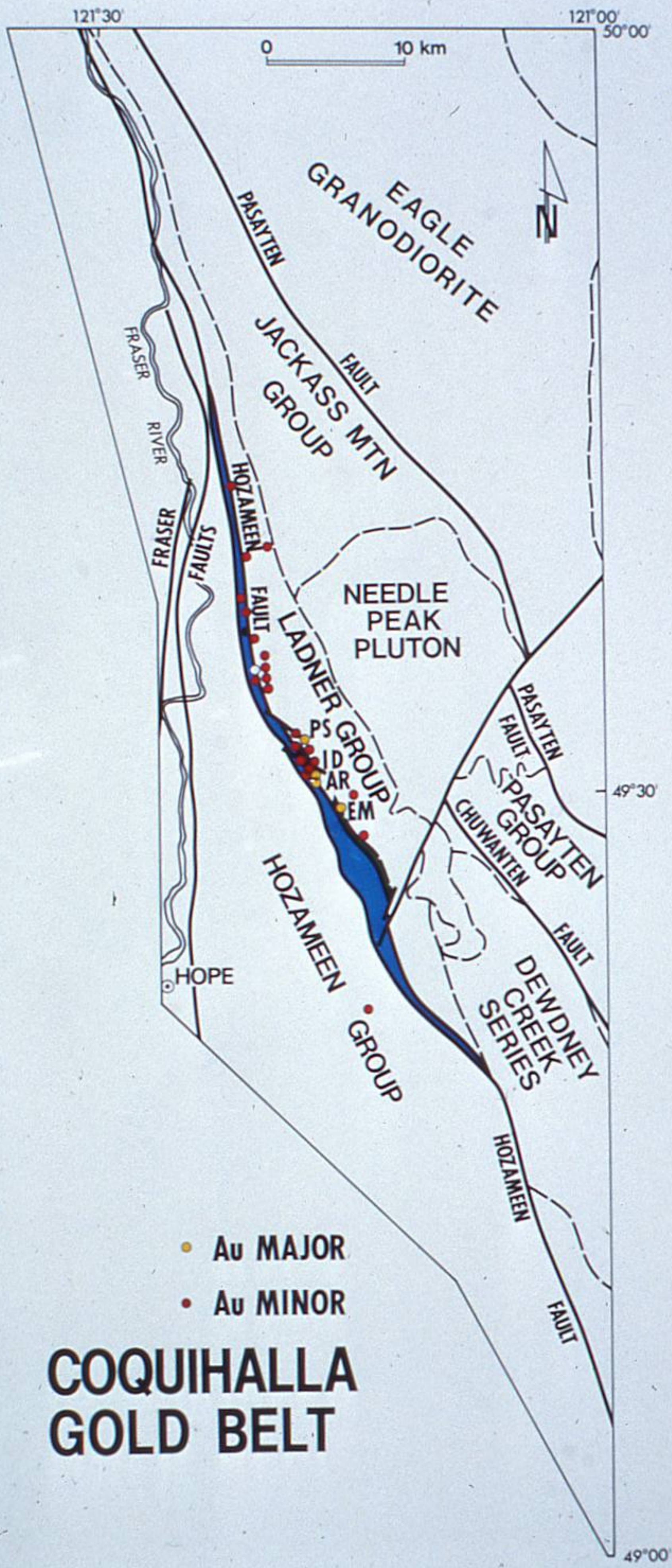
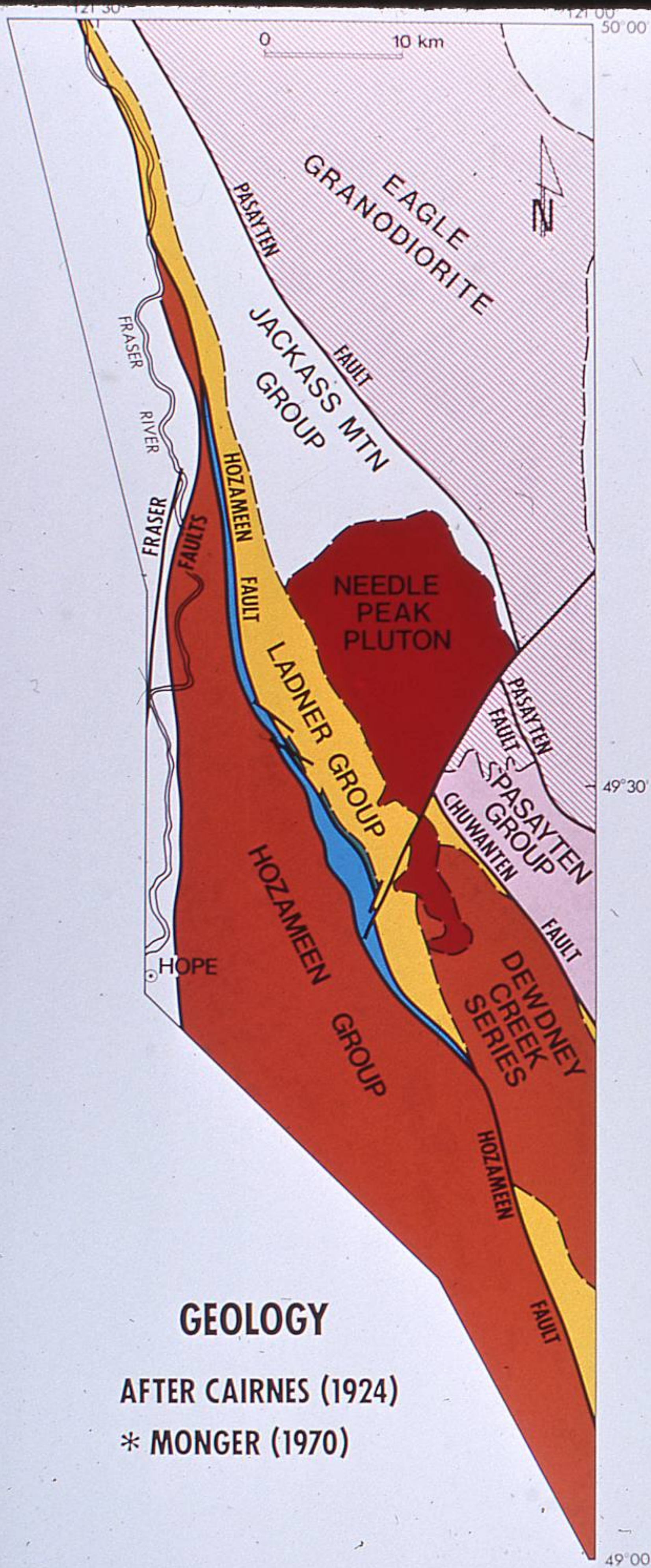








GEOLOGY

AFTER CAIRNES (1924)

* MONGER (1970)

IDAHO ZONE - CAROLIN MINE

MINERALIZED WACKES

PPM

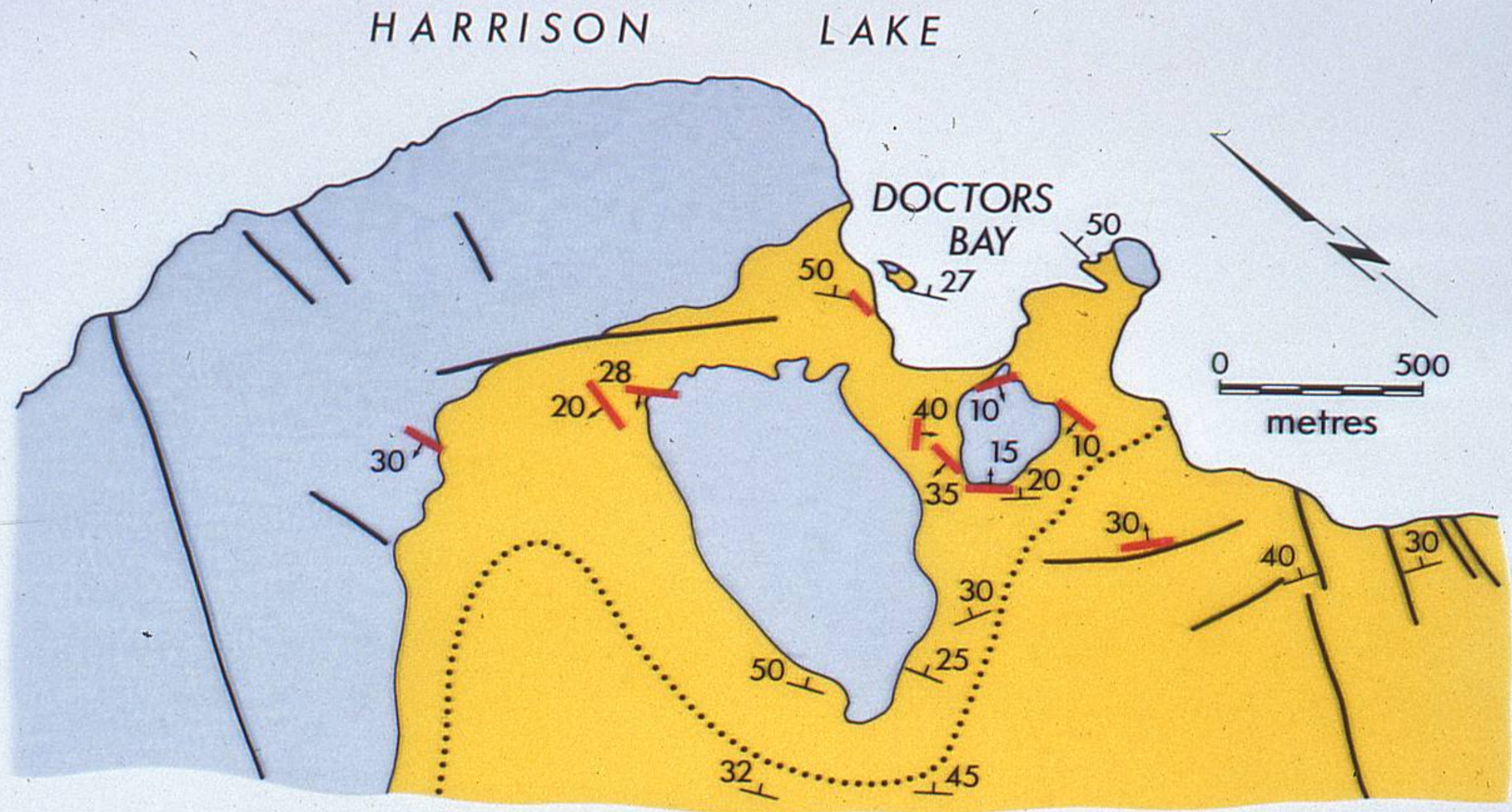
Au	3.5	17.5	16.0
Cu	161	89	81.0
Hg	78	72	112
Sb	<10	185	13
Mo	<2	75	20
W	13	8	19
Cr	29	16	24
Ba	155	<100	<100
Ni	18	14	12
Pb	15	21	15
Sn	<1	<1	<1
Co	20	19	13

UNMINERALIZED

WACKE

PPM

<1	
49	
76	
<10	
<2	
<2	
22	
1184	
8	
16	
<1	
15	

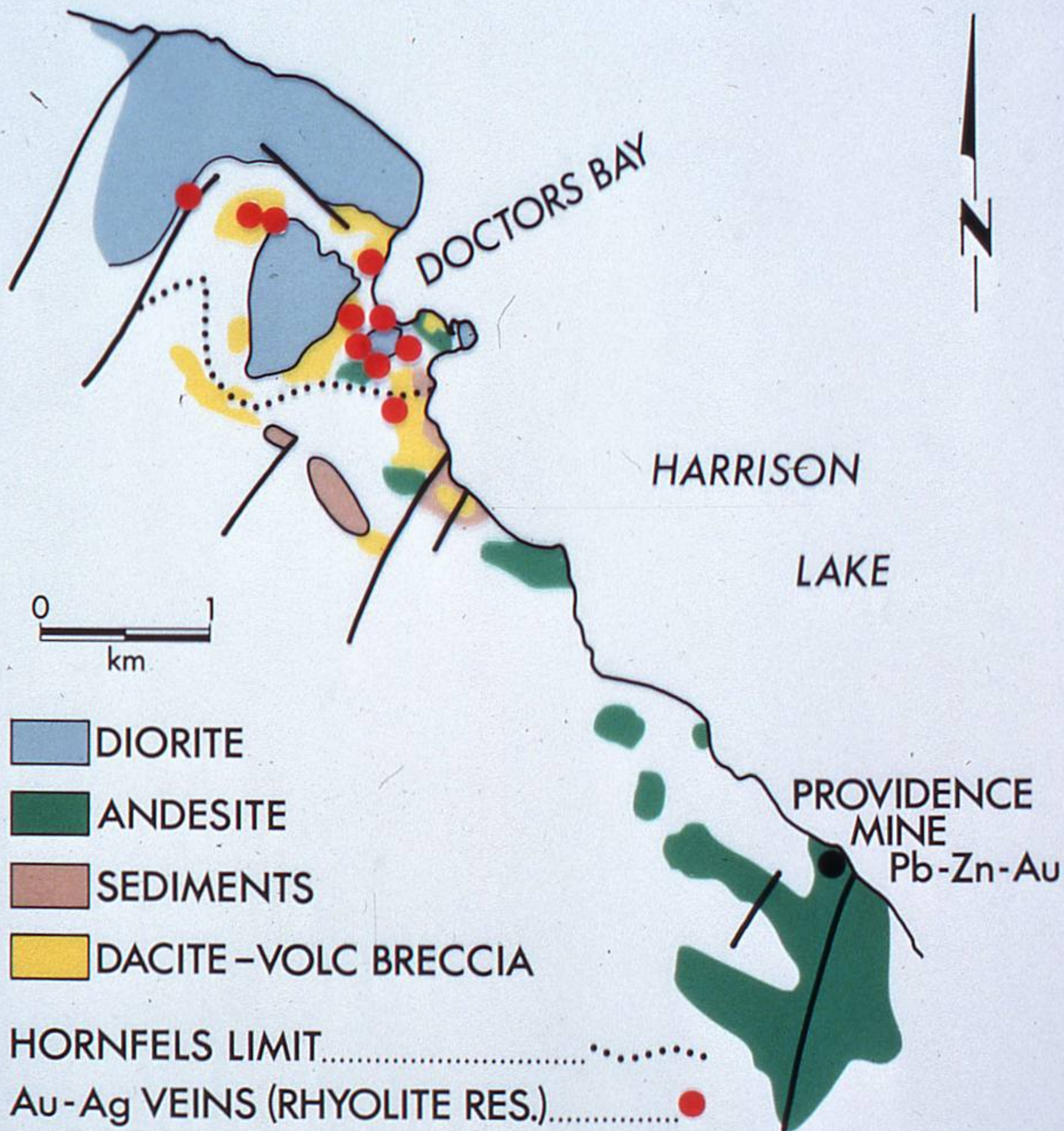


- 15 Au-Ag-As MIN.
 DIORITE (CRET.?)
 VOLCS.-SEDS.

- BEDDING 30
 FAULT
 LIMIT OF HORNFELSING

GEOLOGY OF DOCTORS BAY AREA—HARRISON LAKE

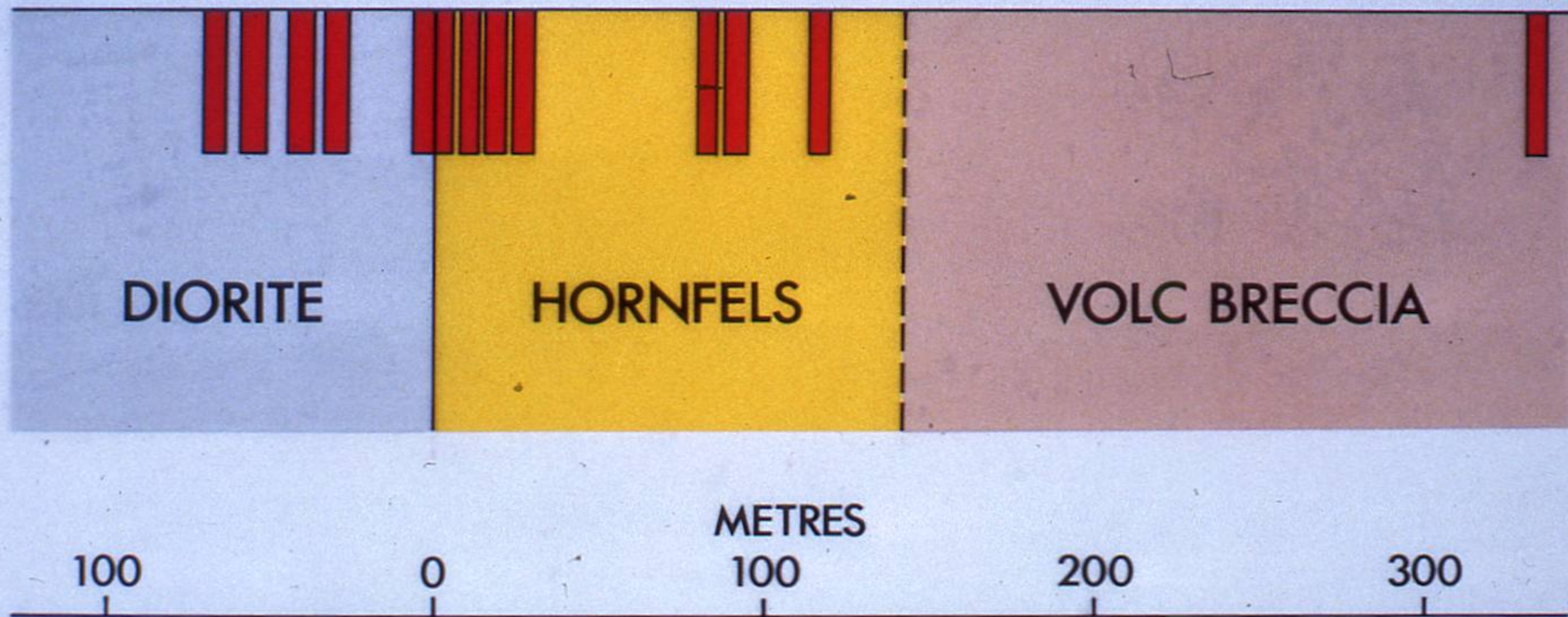
(G.E. RAY 1983)







DOCTORS PT. – HARRISON LAKE



Au VEINS / DISTANCE FROM DIORITE MARGINS

(G.E. RAY 1983)





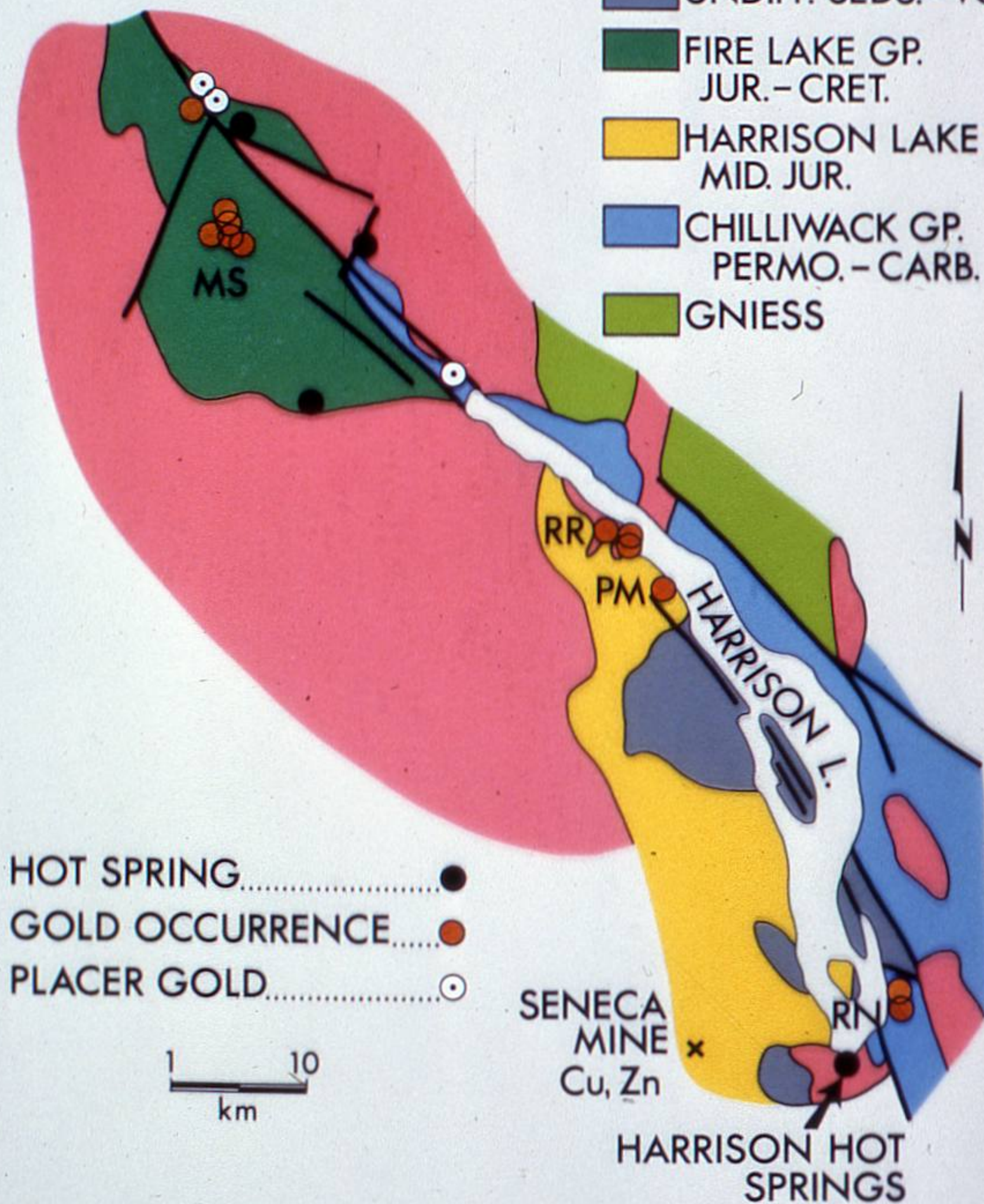




T135 P1-83



- PLUTONIC ROCKS
UNDIFF.
- UNDIFF. SEDS. - VOLCS.
- FIRE LAKE GP.
JUR. - CRET.
- HARRISON LAKE GP.
MID. JUR.
- CHILLIWACK GP.
PERMO. - CARB.
- GNEISS



HOT SPRING.....●
 GOLD OCCURRENCE.....●
 PLACER GOLD.....⊙

1 10
 km

SENeca
 MINE
 Cu, Zn x

HARRISON HOT
 SPRINGS

GEOLOGY ADAPTED AFTER RODDICK (1965)
 AND MONGER (1970)



T137 P6-83

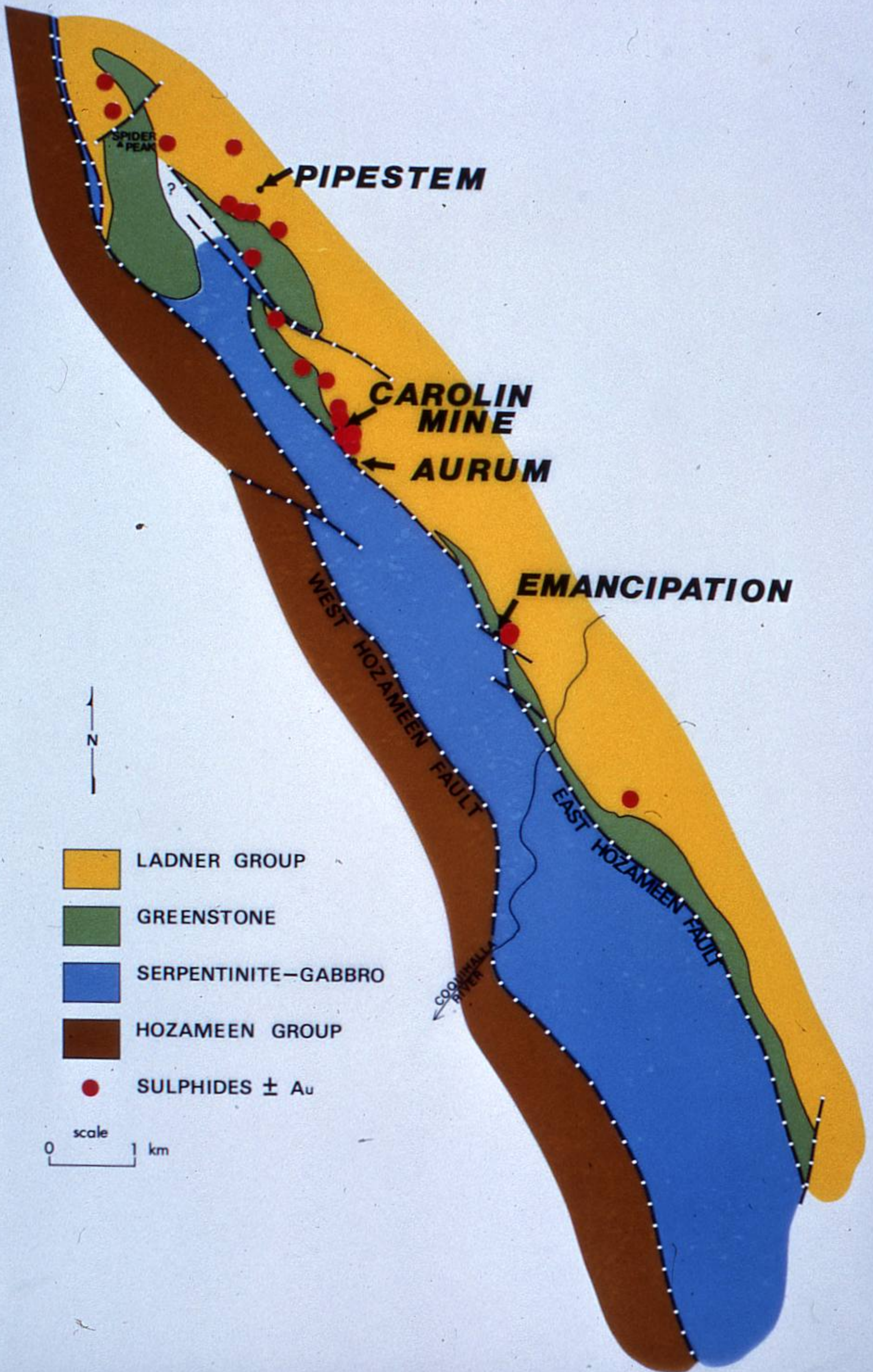


DANGER / KEEP OUT
UNAUTHORIZED ENTRY ONLY
BY ORDER OF
NATIONAL REGULATORY ACT









REGIONAL TARGETS FOR EPI – MESOTHERMAL GOLD

(1) FRACTURES

SPLAYS

(2) HEAT SOURCE

ACID INTRUSIONS

ACID EXTRUSIONS

HOT SPRINGS

(3) SUITABLE HOST ROCKS

PERMEABLE – SEDS, TUFFS

CALCAREOUS

CARBONACEOUS

(4) ALTERATION

SILICIFICATION

CARBONATE

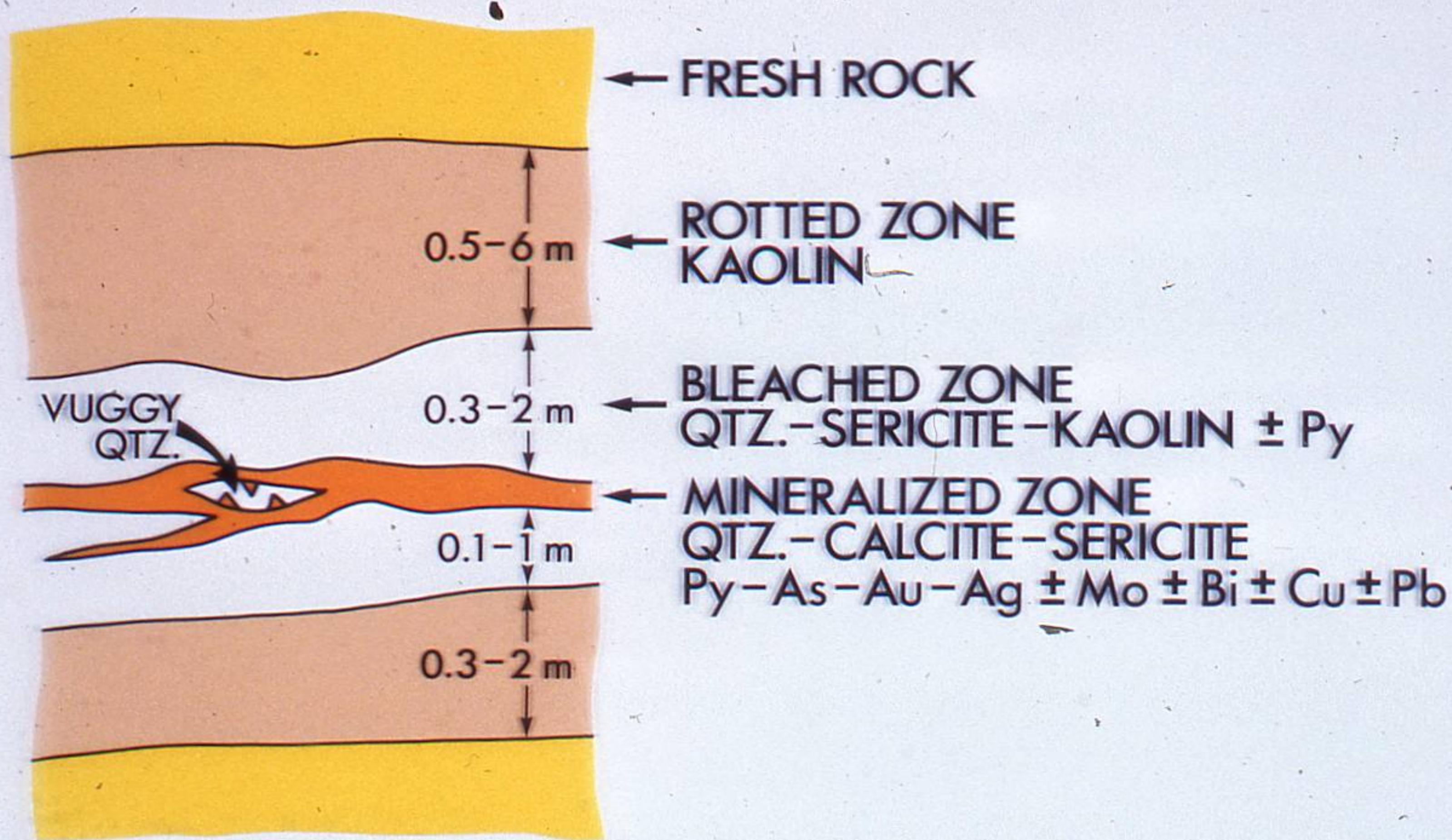
SODIUM

POTASSIC

(5) MINERALIZATION

Au, Hg, Sb, Bi OCCURRENCES

PLACER Au – UNKNOWN SOURCE



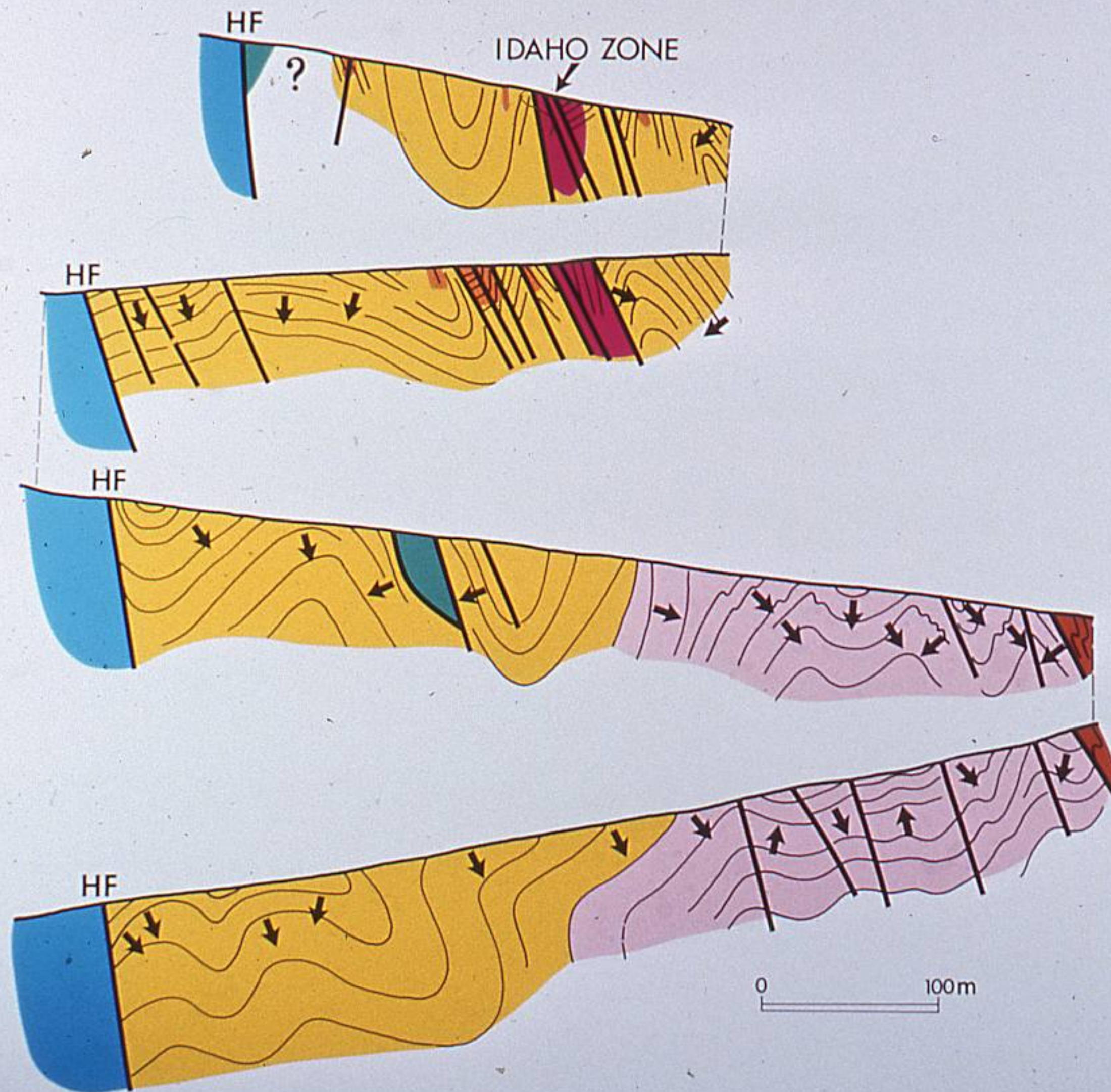
SCHEMATIC SECTION SHOWING MINERALIZED ZONING—DOCTORS BAY, HARRISON LAKE

(G.E. RAY 1983)



SOUTH

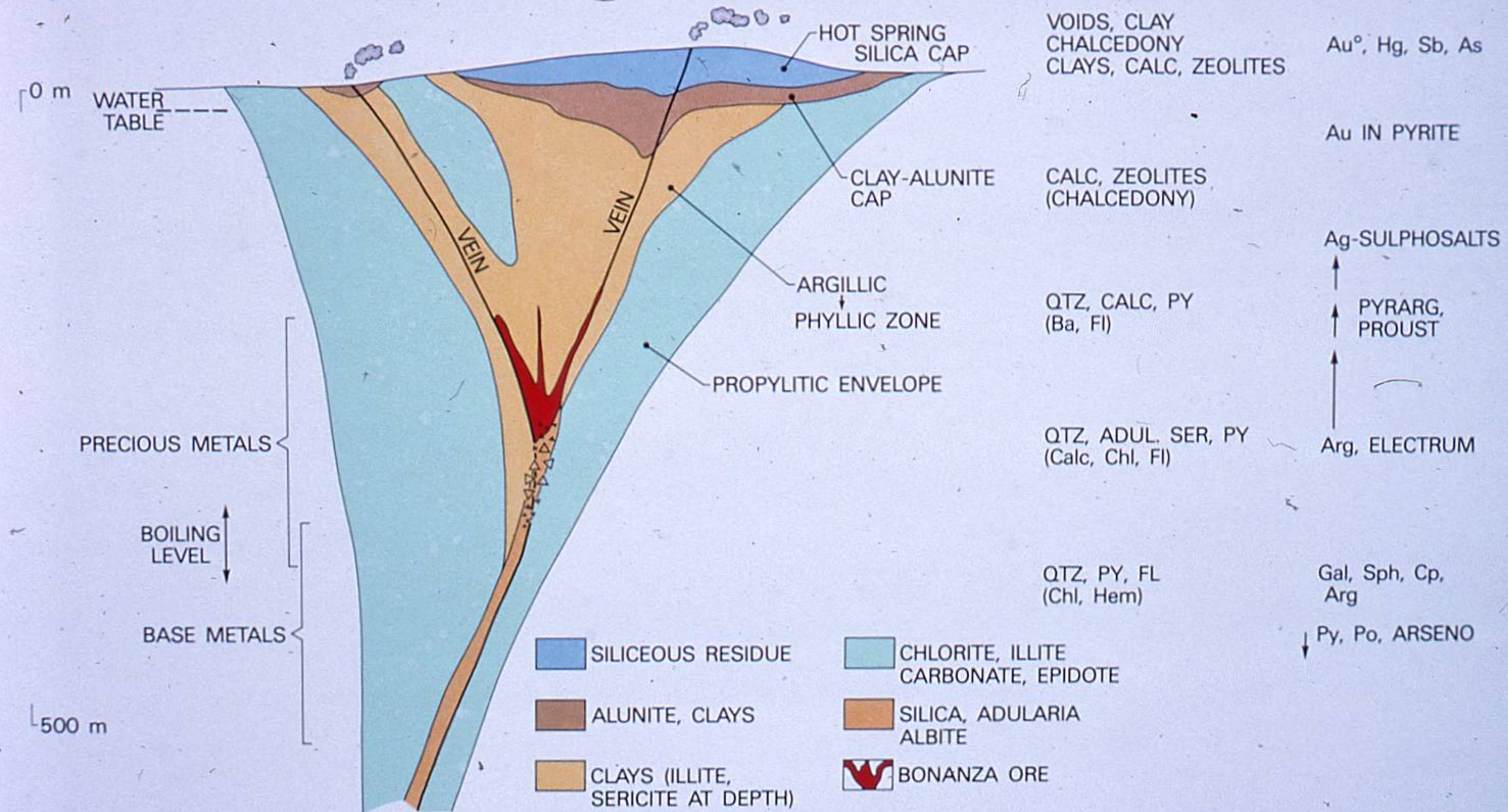
NORTH

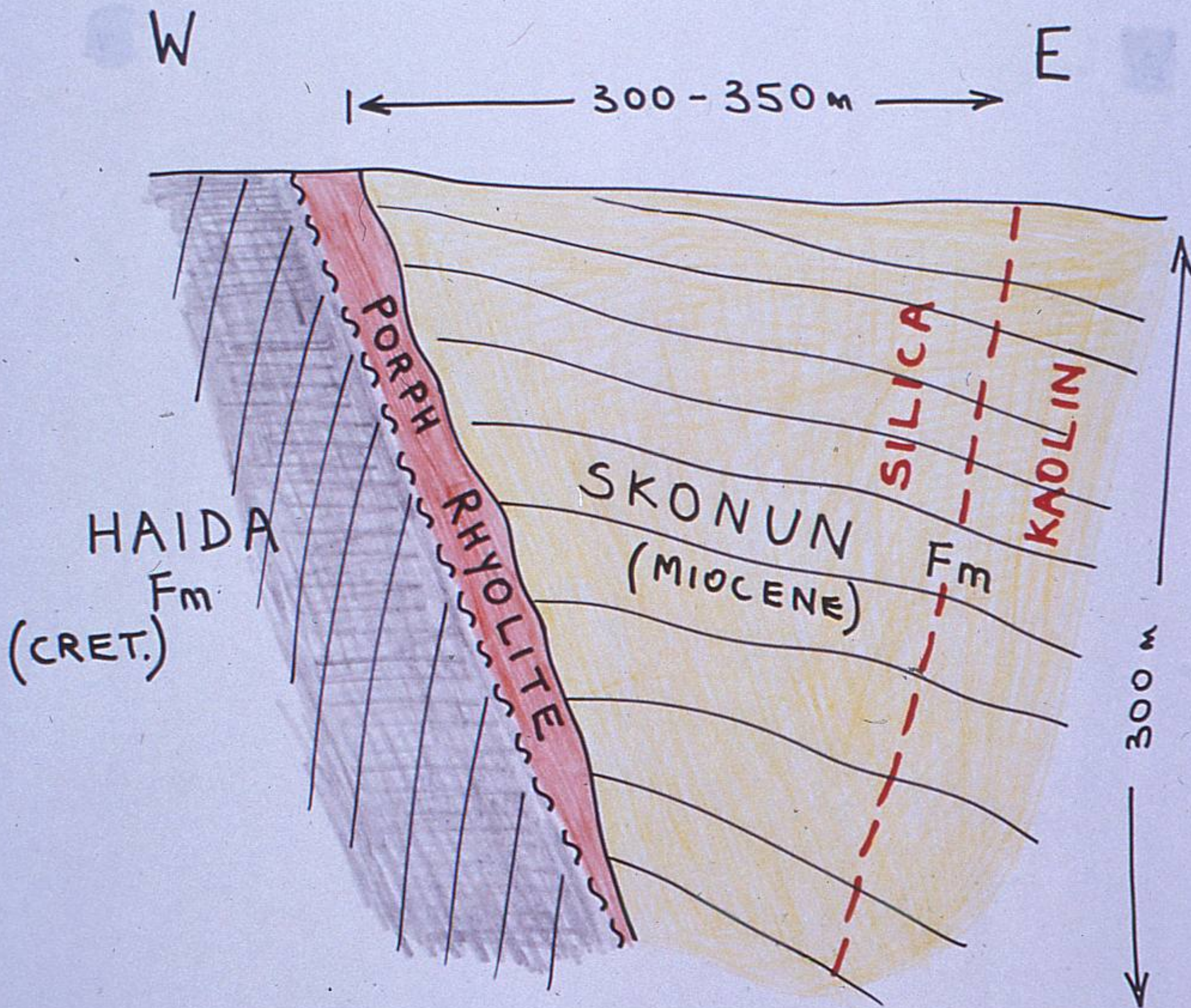


- SLATEY ARGILLITES
 - SILTSTONES
 - HETEROGENOUS CLASTICS
 - VOLCANICS
 - SERPENTINE
 - IDAHO _{Au} ZONE
 - ALTERATION AND BARREN SULPHIDES
- YOUNGING DIRECTION.....←



IDEALIZED SECTION, EPITHERMAL BONANZA DEPOSIT (CORDILLERAN EXPLORATION MODEL)





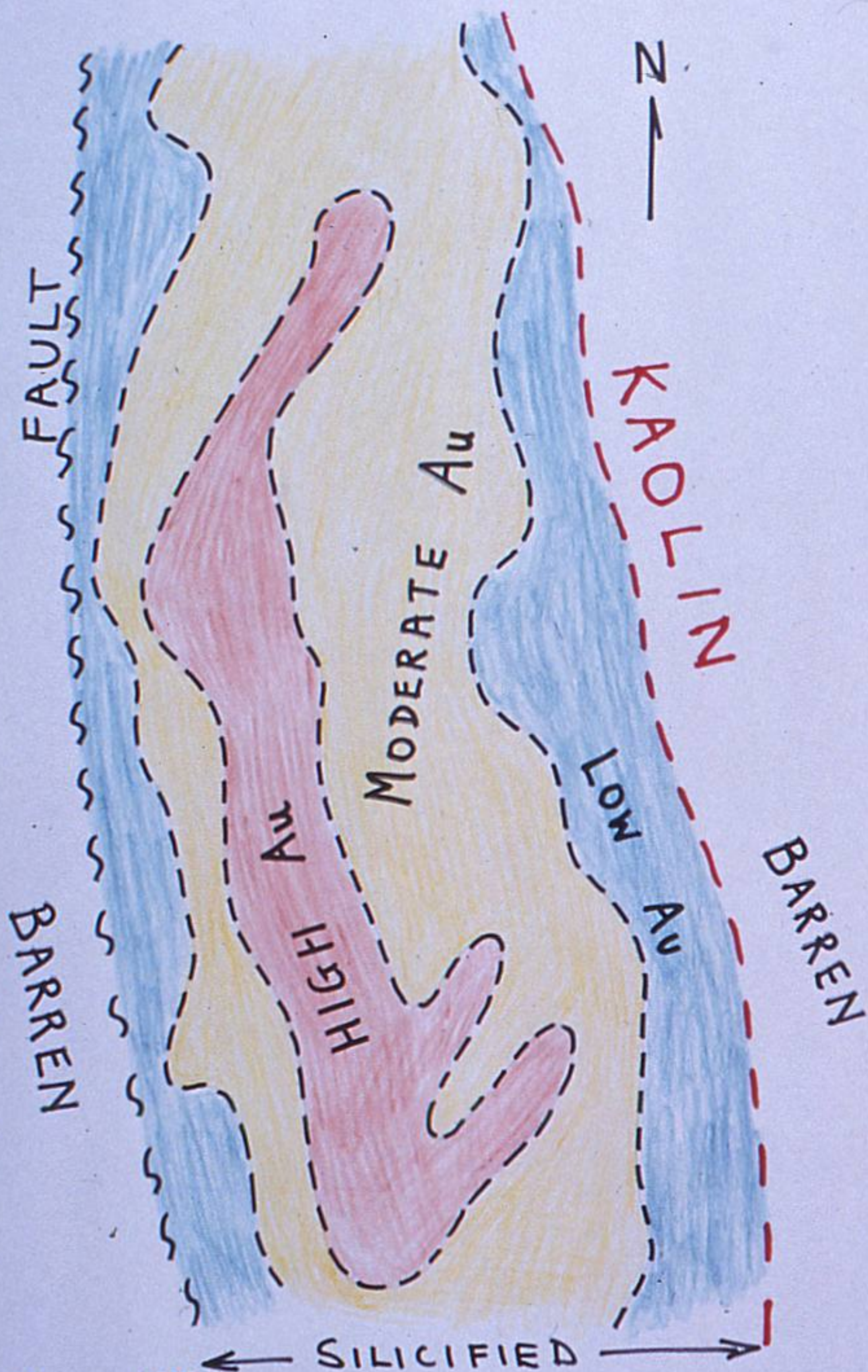
LS GEOLOGY - CINOLA



P12 T40-81





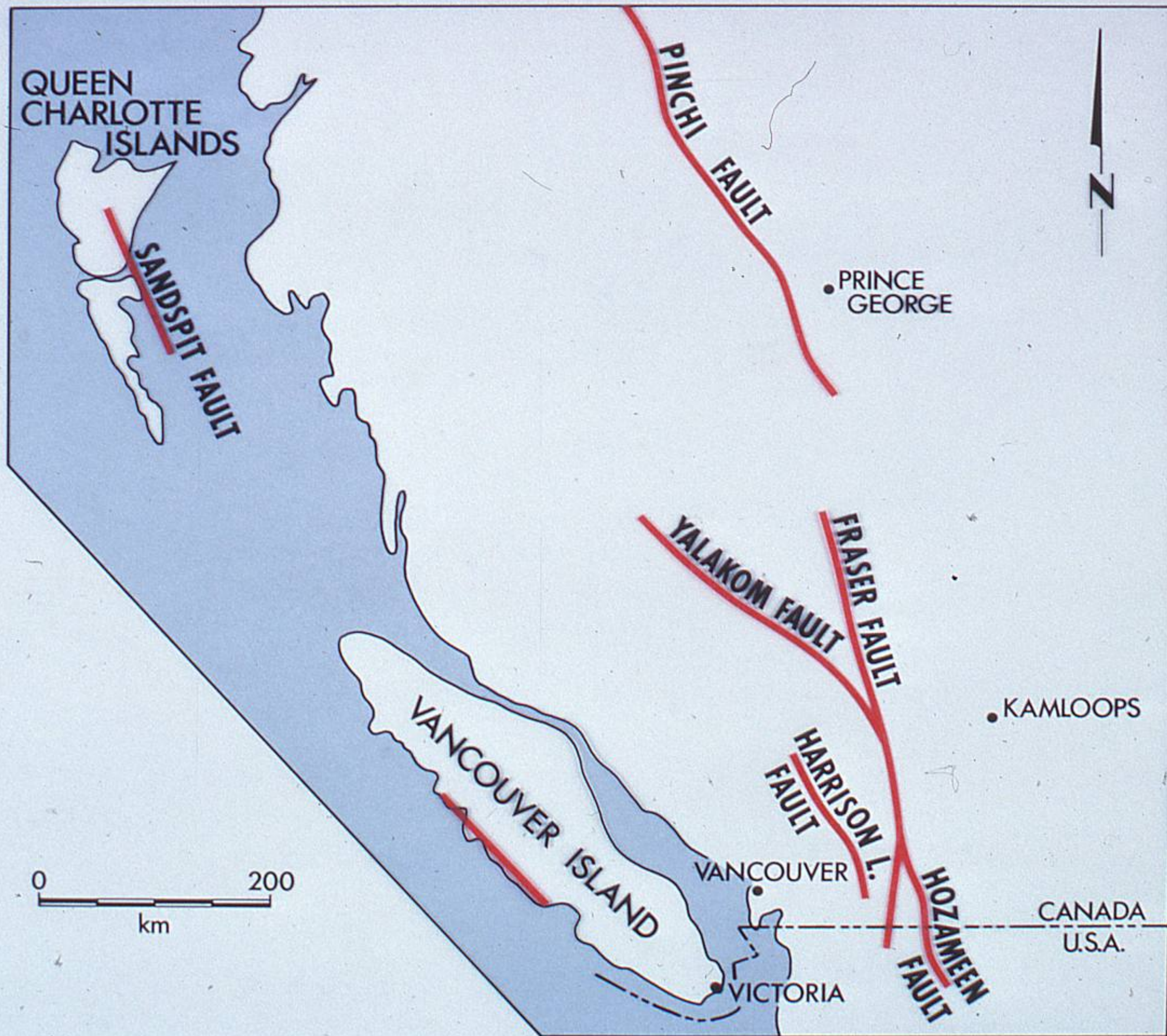


30 m tonnes 0.06 oz (tome)

CINOLA - GOLD ZONING (PLAN)



P17 T42-81





B. C. EPITHERMAL MODEL (SECOND APPROXIMATION)

