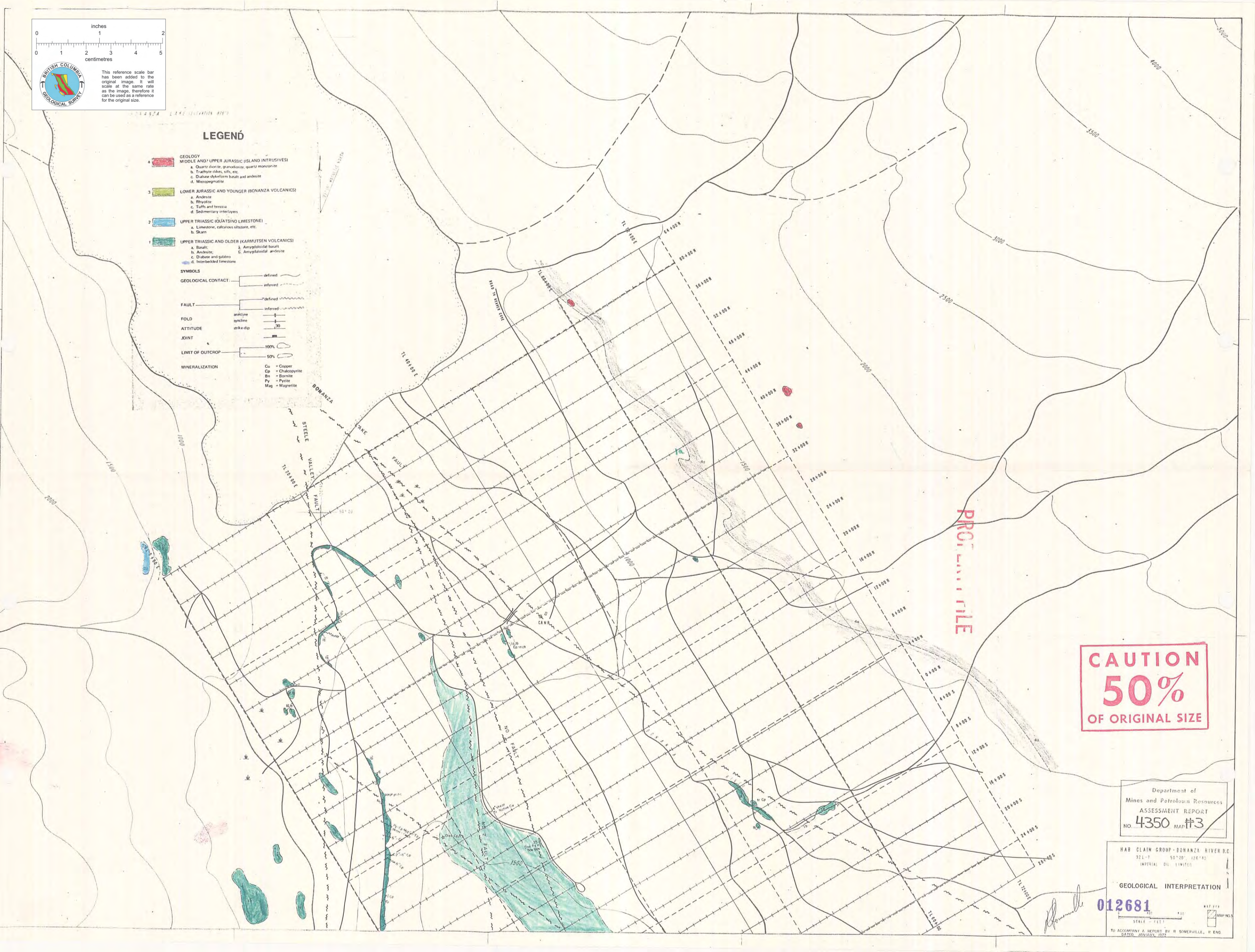


**LEGEND**

- GEOLOGY**
- MIDDLE AND UPPER JURASSIC (ISLAND INTRUSIVES)**
- a. Quartz diorite, granodiorite, quartz monzonite
  - b. Trachyte dikes, sills, etc.
  - c. Diabase dykeform basalt and andesite
  - d. Micropegmatite
- LOWER JURASSIC AND YOUNGER (BONANZA VOLCANICS)**
- a. Andesite
  - b. Rhyolite
  - c. Tuffs and breccia
  - d. Sedimentary interlayers
- UPPER TRIASSIC (QUATSINO LIMESTONE)**
- a. Limestone, calcareous siltstone, etc.
  - b. Shale
- UPPER TRIASSIC AND OLDER (KARMUTSEN VOLCANICS)**
- a. Basalt
  - b. Andesite
  - c. Diabase and gabbro
  - d. Interbedded limestone
  - e. Amygdaloidal basalt
  - f. Amygdaloidal andesite
- SYMBOLS**
- GEOLOGICAL CONTACT:**
- defined
  - inferred
- FAULT:**
- defined
  - inferred
- FOLD:**
- anticline
  - syncline
- ATTITUDE:**
- strike dip
- JOINT:**
- 100%
  - 50%
- LIMIT OF OUTCROP:**
- 100%
  - 50%
- MINERALIZATION**
- Cu = Copper
  - Cp = Chalcopyrite
  - Bn = Bornite
  - Py = Pyrite
  - Mag = Magnetite



**CAUTION**  
**50%**  
 OF ORIGINAL SIZE

Department of  
 Mines and Petroleum Resources  
 ASSESSMENT REPORT  
 NO. 4350 MAP #3

HAB CLAIM GROUP - BONANZA RIVER B.C.  
 321-7 50°20' 126°45'  
 IMPERIAL OIL LIMITED

GEOLOGICAL INTERPRETATION

012681

TO ACCOMPANY A REPORT BY H. SOMERVILLE, P. ENG.  
 DATED JANUARY, 1972