



**LEGEND**

- QUATERNARY PLEISTOCENE & RECENT**
- 13 TILL, GRAVEL, SAND, SILT
- TERTIARY, LOWER TERTIARY**
- 12 PORPHYRITIC DIORITE.
  - 11 SHEPPARD INTRUSIONS: LEUCOCRATIC GRANITE.
  - 10 CORYELL PLUTONIC ROCKS: SYENITE, LOCALLY PORPHYRITIC; SOME GRANITE, MONZONITE, AND QUARTZ MONZONITE.
- GENOZOIC**
- Eocene (?)**
- 2a AGGLOMERATE AND LAVA FLOWS; MINOR BASAL DACITIC TUFF.
- CRETACEOUS OR EARLY TERTIARY, UPPER CRETACEOUS (?)**
- 8 SOPHIE MOUNTAIN FORMATION CONGLOMERATE; MINOR SHALE.
- JURASSIC OR CRETACEOUS, UPPER JURASSIC OR CRETACEOUS**
- 7 QUARTZ - FIELDSPAR PORPHYRY
  - 6 MONZONITE, MAINLY MEDIUM GRAINED.
  - 5 NELSON PLUTONIC ROCKS: QUARTZ DIORITE, DIORITE, AND GRANODIORITE; PORPHYRITIC BICTITE GRANITE.
  - 4 ULTRABASIC ROCKS; SERPENTINITE
- MESOZOIC**
- JURASSIC, LOWER AND (?) MIDDLE JURASSIC, ROSSLAND GROUP.**
- 3 ANDESITE, LATITE AND BASALT FLOWS, AGGLOMERATE, FLOW BRECCIA, AUGITE PORPHYRY; MINOR INTERBEDDED SILTSTONE; 3c. AUGITE PORPHYRY; 3d, ARGILLITE AND SHALE
- PALAEZOIC**
- CARBONIFEROUS**
- 2a MOUNT ROBERTS FORMATION: 2a, ARGILLACEOUS QUARTZITE AND SILTSTONE, BLACK SLATY ARGILLITE, GREYWACKE, AND CHERT PEBBLE CONGLOMERATE; MINOR LIMESTONE AND CHERT.

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**GEOLOGY AND LOCATION MAP OF THE ART GROUP**  
ROSSLAND AREA B. C.

TO ACCOMPANY REPORT BY: A. C. A. HOWE INTERNATIONAL LTD.

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SCALE: 1 INCH = 1/2 MILE SOURCE: MAP 23 - 1963