

5 cm

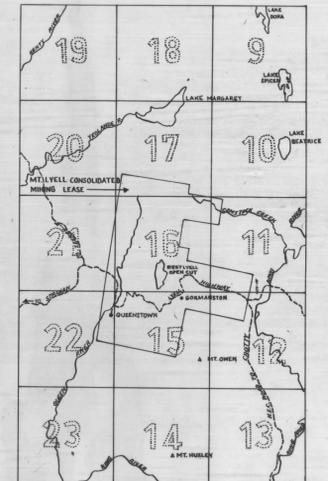
03_4917

Tyndall, Lyell, Beatrice, Comstock, 1972-76
Placer Dome Asia Pacific
Green, D.

LEGEND

- QUATERNARY**
 ○ ○ GLACIAL MORAINE.
- ORDOVICIAN**
 ▨ Limestone - Gordon Limestone.
 ○ ○ HAEMATITE CONGLOMERATE - OWEN CONGLOMERATE.
- CAMBRIAN**
 △ HAEMATITE FINER GRAINED QUARTZ CONGLOMERATE WITH MINOR SEDIMENTS (JUKES CONGLOMERATE) } TYNDALL GROUP
 △ △ CONGLOMERATE WITH QUARTZITE AND VOLCANIC FRAGMENTS (DORA CONGLOMERATE)
 ▽ ▽ LAPILLI TUFF CONTAINING FRAGMENTS OF QUARTZ FELDSPAR PORPHYRY.
 ▽ ▽ "TUFF LAVA" - PORPHYRYTIC ACID LAVA WITH QUARTZ / FELDSPAR KENOLITHS AND MINOR ROCK FRAGMENTS.
 ▽ ▽ QUARTZ - FELDSPAR PORPHYRYTIC LAVA OR EQUIVALENT MEDIUM GRAINED
 ▽ ▽ INTENSIVE, STRONG CHLORITE - SERICITE ALTERATION. } CENTRAL LAVA BELT
 * * FINE TO COARSE GRAINED LITHIC TUFF WITH FREQUENT CONSPICUOUS XENOCRYSTS OF QUARTZ.
 * * C * SIMILAR TUFFACEOUS SEQUENCE BUT EXTENSIVE CHLORITE - HAEMATITE - SERICITE ALTERATION AND MINOR DISSEMINATED SULPHIDES.
 U U UNDIFFERENTIATED VOLCANICS.
- ▨ ▨ QUARTZITES, SHALES AND MINOR SLTSTONES WITH THIN QUARTZ PEBBLE CONGLOMERATE AT BASE.
- PRECAMBRIAN**
 S S DEFORMED, METAMORPHOSED QUARTZITES - QUARTZ MICA SCHISTS.
 + + QUARTZ - FELDSPAR - HORNBLende PORPHYRY.
- ↘ 100/60 TRUE STRIKE AND DIP OF BEDDING.
 ↘ STRIKE AND DIP OF FOLIATION.
 — GEOLOGICAL BOUNDARY.
 - - - INFERRED GEOLOGICAL BOUNDARY.
 - ? - POSTULATED GEOLOGICAL BOUNDARY.
 = FAULT.
 - - - INFERRED FAULT.
 ⚡ SYNCLINE.
 ~ UNCONFORMITY.
 X OLD WORKINGS.

LOCATION



THE MOUNT LYELL M. & R. COY. LTD. DRAWN: P. BROPHY.
 GEOLOGICAL DEPARTMENT TRACED: R.S. WILSON.
DORA - HUXLEY AREA CHECKED:
 E L 10/69 DATE: MAY 1976
 SHEET 9 SCALE: 1" = 500'
 GEOLOGICAL MAP