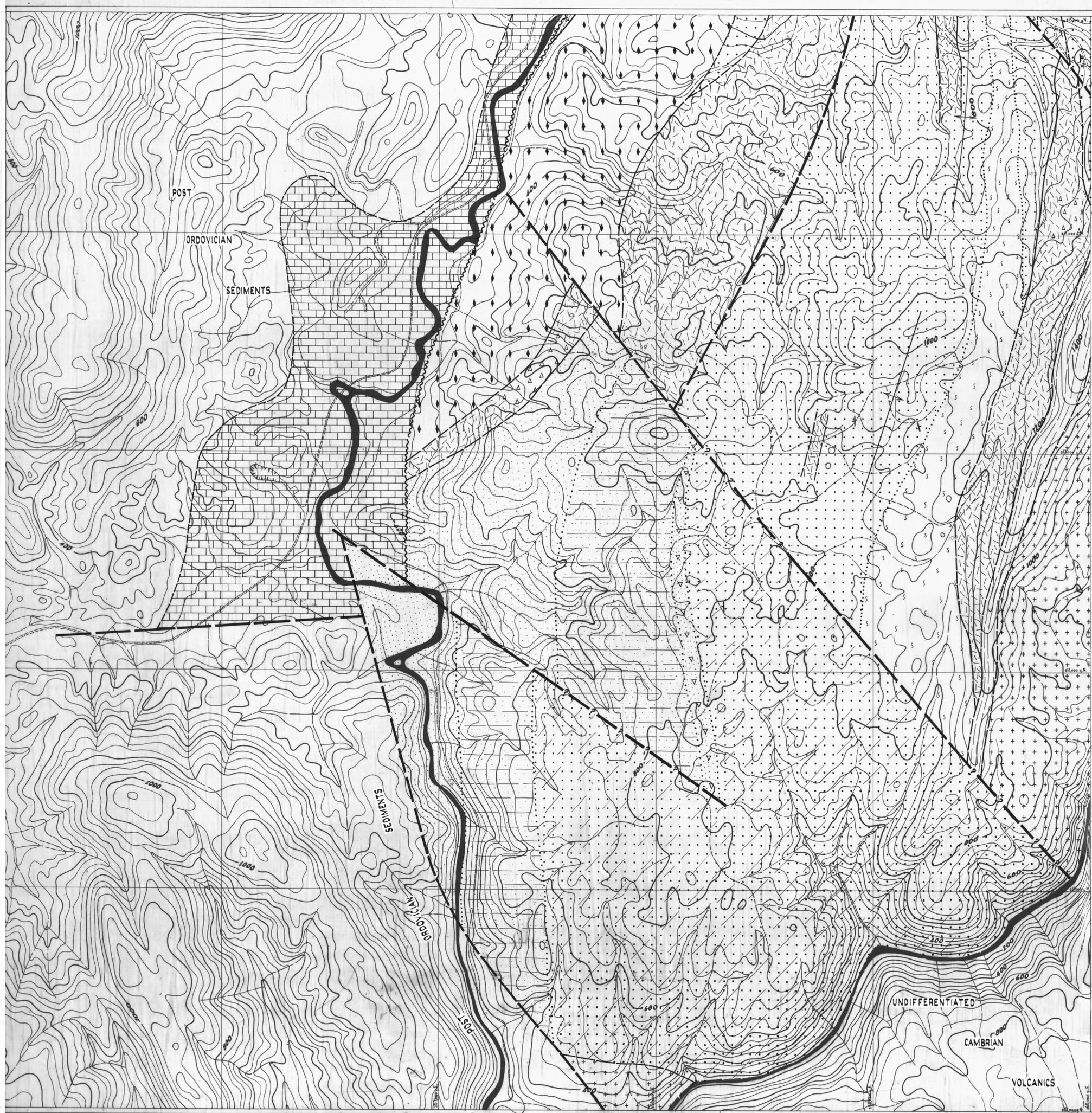


1976

GEOLOGY INTERPRETATION

SHEET 23 (TYNDALL)

1:6,000



LEGEND

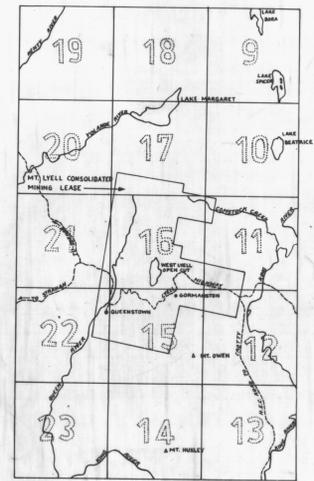
- QUATERNARY
 - MORaine AND/OR SCREE.
- SILURO-DEVONIAN
 - POST ORDOVICIAN SEDIMENTS.
- ORDOVICIAN
 - GORDON LIMESTONE.
- CAMBRIAN
 - ▲ ▲ JUKES CONGLOMERATE.
 - ▲ ▲ INTERBEDDED TUFFS AND SEDIMENTS.
 - ▲ ▲ WEATHERED ACID LITHIC TUFFS.
 - ▲ ▲ LAMINATED BLUE- GREY SHALES.
 - ▲ ▲ COARSE GRAINED CHLORITIC CRYSTAL TUFF - COMSTOCK TUFF.
- TYNDALL GROUP
 - ▲ ▲ WELDED TUFFS WITH MINOR LITHIC TUFF HORIZONS.
 - ▲ ▲ MEDIUM - COARSE GRAINED INTERMEDIATE PYROCLASTICS.
 - ▲ ▲ THINLY BEDDED GREY SHALES.
 - ▲ ▲ ACID TUFFS MAINLY CRYSTAL LITHIC.
- CENTRAL LAVA BELT
 - ▲ ▲ FINE GRAINED ACID LAVAS.
- QUEENSTOWN PYROCLASTICS
 - ▲ ▲ QUARTZITE - RICH SANDSTONE / BRIT.
 - ▲ ▲ FINE TO COARSE GRAINED CRYSTAL AND CRYSTAL LITHIC TUFFS WITH ISOLATED BLOCKS OF BLUE SHALE - DOMINANTLY PYROCLASTICS.
 - ▲ ▲ LARILLI TUFF WITH CHLORITIC MATRIX CONTAINING MINOR WELDED UNITS.
 - ▲ ▲ TUFF BRECCIA WITH LARGE BLOCKS OF ACID LAVA UP TO 25 CM IN DIAMETER.
 - ▲ ▲ FINE TO MEDIUM GRAINED LITHIC AND CRYSTAL LITHIC TUFFS WITH FREQUENT LAMINATED SHALE HORIZONS - DOMINANTLY SEDIMENTS.
 - ▲ ▲ FINE TO COARSE GRAINED ACID CRYSTAL TUFF.
 - ▲ ▲ UNDIFFERENTIATED PYROCLASTICS.
- UNDIFFERENTIATED CAMBRIAN VOLCANICS.
- + + QUARTZ - FELDSPAR PORPHYRY INTRUSIVES / EXTRUSIVES.
- ▲ ▲ BASIC, STRONGLY BRECCIATED FLOWS.
- X X INTERMEDIATE INTRUSIVES - PYROXENE FELDSPAR PORPHYRY.

- FAULT.
- - - POSSIBLE FAULT.
- - - GEOLOGICAL BOUNDARY.
- - - POSSIBLE GEOLOGICAL BOUNDARY.
- - - BEDDING AND FACING.
- FOLIATIONS.
- ~ UNCONFORMITY.
- ~ SYNCLINE AXIS.
- ~ ANTICLINE AXIS.



5 cm

LOCATION



03-4917

THE MOUNT LYELL M. & R. COY. LTD. DRAWN: P.B.
 GEOLOGICAL DEPARTMENT TRACED: R.&W.
DORA - HUXLEY AREA CHECKED:
 E.L. 10/69 DATE: JUNE 1976
 SHEET 23 SCALE: 1:6,000
 GEOLOGICAL MAP