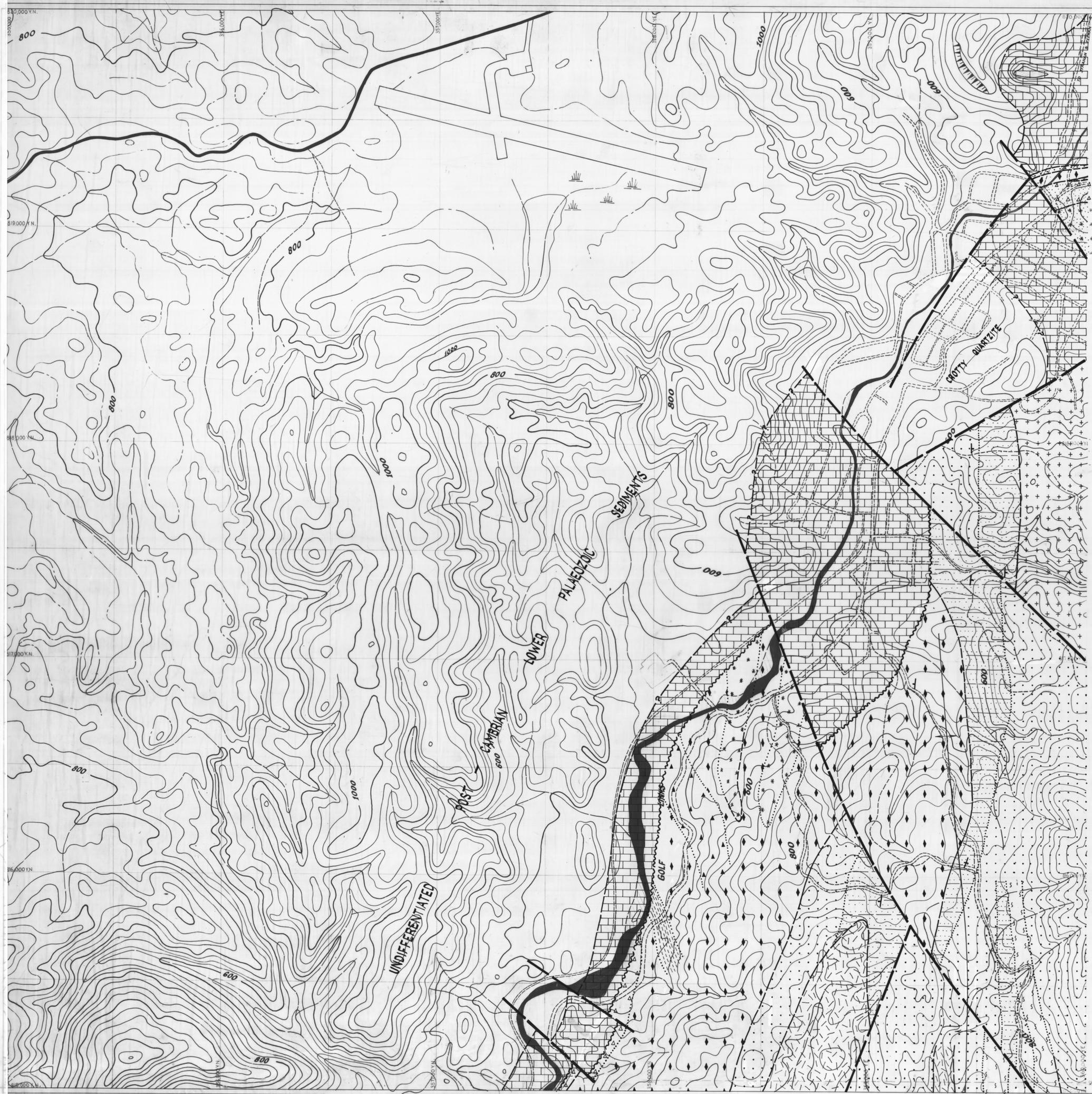


1976

GEOLOGY INTERPRETATION

SHEET 22 (TYNDALL)

1:6,000

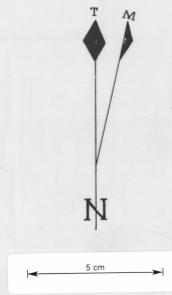


03-4917

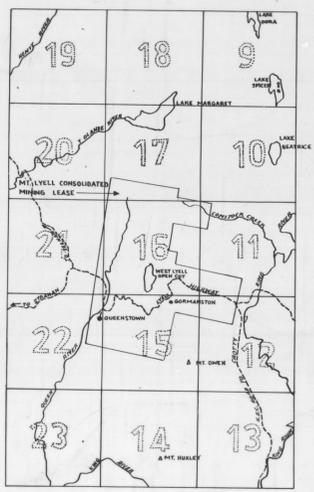
LEGEND

- QUATERNARY
 - MORAINES 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 LAYAS.
- QUEENSTOWN PYROCLASTICS
 - ◆ QUARTZITE - RICH SANDSTONE / BRIT.
 - ◆ FINE TO COARSE GRAINED CRYSTAL AND CRYSTAL LITHIC TUFFS WITH ISOLATED BLOBS OF BLUE SHALE - DOMINANTLY PYROCLASTICS.
 - ◆ LAPILLI 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 INTERMEDIATE INTRUSIVES - PYROXENE FELDSPAR PORPHYRY.

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



LOCATION



THE MOUNT LYELL M. & R. COY. LTD. GEOLOGICAL DEPARTMENT
 DRAWN P.B.
 TRACED R.G.W.
 CHECKED
 DATE: JUNE 1976
 SCALE: 1" = 500' L. 6000'

DORA - HUXLEY AREA
 E.L. 10/69
 SHEET 22
 GEOLOGICAL MAP