



LEGEND

QUATERNARY

- SNAMP
- ALLUVIUM
- MORAINÉ AND SCREE

DEVONIAN

- BELL SHALE (SHALE, SILTSTONE, MINOR SANDSTONE)

SILURO-DEVONIAN

- SHALES, SANDSTONE, QUARTZITE

ORBODIVANIAN

- GORDON LIMESTONE
- OWEN CONGLOMERATE

CAMBRIAN

- TUNES BRECCIA AND SEDIMENTS (NEWTON CREEK SANDSTONES)
- COMSTOCK TUFFS

TYNDALL GROUP

PIROCLASTICS

- MAFIC INTRUSIVES, GABRO, DOLERITE
- MAFIC EXTRUSIVES, BASALT, SPLITE
- INTERMEDIATE (HORNBLende) - FELDSPAR PORPHYRY
- INTERMEDIATE APHANTIC OR PORPHYRITIC (FELDSPAR) LAVAS
- ACID QUARTZ, QUARTZ - FELDSPAR, QUARTZ - FELDSPAR - MICA PORPHYRY
- ACID QUARTZ - FELDSPAR - MICA - HORNBLende ? LAVAS
- ACID, PORPHYRITIC (FELDSPAR) NO QUARTZ, OR ARKATIC LAVA AND/OR SILLS.
- IGNIMBRITE
- AGGLOMERATE (>32 MM)
- LAPILLI TUFF (4-32 MM)
- COARSE GRAINED TUFF (1-4 MM)
- FINE - MEDIUM GRAINED TUFF (<1 MM)
- VOLCANIC BRECCIA/CONGLOMERATE (EPLASTIC)
- SHALE AND SILTSTONE (OFTEN WITH GRADED TUFF BANDS)
- CHERT

QUEENSTOWN

- LAMPORPHYRY
- COARSE GRAINED TUFF (1-4 MM)
- FINE - MEDIUM GRAINED TUFF (<1 MM)
- VOLCANIC BRECCIA/CONGLOMERATE (EPLASTIC)
- GREYWACKE AND SANDSTONE
- SHALE AND SILTSTONE (SOMETIMES INTERBEDDED WITH TUFFS)

HENTY-YOLANDE

- TRENCHES
- OLD WORKINGS
- Py PYRITIC
- ChalCOPYRITIC
- QUARTZ VEINING
- GOSSEN
- ANTICLINE
- SYNCLINE

STRUCTURAL FEATURES

- BEDDING WITH DIRECTION OF DIP (E(64))
- VERTICAL BEDDING
- SCHISTOSITY OR CLEAVAGE
- FAULT

CONTACTS

- G.S. GRADED BEDDING
- C. CONTACT
- S.F. SHALE FRAGMENT
- F. FLAMES

LOCATION

03-4917

THE MOUNT LYELL M. & R. COY. LTD
 GEOLOGICAL DEPARTMENT
HENTY - YOLANDE AREA
 EL. 41/71
SHEET 21
 GEOLOGICAL FIELD NOTES

DRAWN: N.H.S.
 TRACED: A.G.W.
 CHECKED:
 DATE: 30/6/73
 SCALE: 1" = 500'
 1" = 6000'

1:6000
 TYNDALE
 SHEET 21
 GEOLOGY
 OUTCROP