LEGEND

QUATERNARY

- MORAINE AND/OR SCREE.

ORDOVICIAN

- GORDON LIMESTONE.
- PIONEER BEDS. } OWEN CONGLOMERATE
- CONGLOMERATE AND SANDSTONE. } OWEN CONGLOMERATE

CAMBRIAN

- GRADED TUFF UNITS, AGGLOMERATES AND MINOR FELDSPAR PORPHYRY LAVAS. } TYNDALL GROUP
- MEDIUM GRAINED, ACID, LITHIC TUFFS WITH MINOR BLACK SHALE HORIZONS. } QUEENSTOWN PYROCLASTICS
- INTERMEDIATE LAVAS AND MINOR INTRUSIVES. MEDIUM COARSE GRAINED INTERMEDIATE PYROCLASTICS. } INTERMEDIATE VOLCANIC SEQUENCE (MINE LEASE)
- DOMINANTLY IGNIMBRITES WITH MINOR ACID TUFF HORIZONS.
- AGGLOMERATES CONTAINING COARSE ELONGATED ACID LAVA BLOCKS. MINOR INTERBEDDED SEDIMENT HORIZONS.
- ALTERED CHLORITIC TUFF.
- ALTERED ACID LAVAS WITH VARIABLE SULPHIDES, BARITE AND HAEMATITE MINERALISATION.
- FINE GRAINED SOMETIMES LAMINATED SILICEOUS SILTSTONES AND SHALES WITH MINOR INTERBEDDED GRADED TUFF UNITS.
- THINLY BEDDED GREY SHALES.
- ACID TUFFS MAINLY CRYSTAL LITHIC.

} PYROCLASTIC SEQUENCE (LITTLE OWEN) } CENTRAL LAVA BELT

- GREY GREEN FELDSPAR PORPHYRY LAVAS.
- MASSIVE PINK - PURPLE ACID LAVAS.
- BRECCIA.
- DARWIN TYPE RHYOLITES.

} ACID LAVA SEQUENCE

- QUARTZ PORPHYRY, DOMINANTLY INTRUSIVE.
- INTERMEDIATE INTRUSIVES - PYROXENE FELDSPAR PORPHYRY.
- QUARTZ - SERICITE - PYRITE ALTERATION.

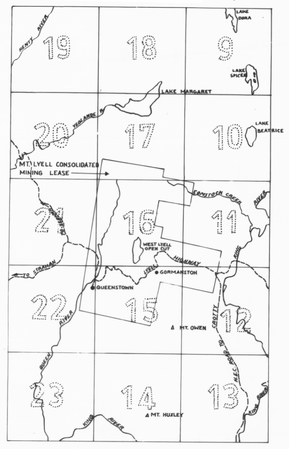
- FAULT
- POSSIBLE FAULT
- GEOLOGICAL BOUNDARY
- POSSIBLE GEOLOGICAL BOUNDARY
- BEDDING AND FACING
- FOLIATIONS
- UNCONFORMITY
- SYNCLINE AXIS
- ANTICLINE AXIS
- OLD ADITS AND WORKINGS

T M

N

LOCATION

5 cm



03-4917

THE MOUNT LYELL M. & R. COY. LTD. GEOLOGICAL DEPARTMENT	DRAWN. P. BROPHY.
	TRACED. R.G. WILSON
	CHECKED.
DORA – HUXLEY AREA E.L. 10/69 SHEET 15 GEOLOGICAL MAP	DATE. 21:8:'75
	SCALE. 1" = 500' 1 : 6000
	MAP 3

1:6000

LYELL – HUXLEY

GEOLOGY INTERPRETATION

1975