HENTY RIVER FAULT
GREAT LYELL FAULT
TYNDALL MINE
Quartz, Galena-Tetrahedrite
Sphalerite-chalcopyrite vein, Pyrite
Dacitic crystal lithic tuff
Undifferentiated andesitic lavas, tuffs and intrusives
Costean 3m of 19g/t Ag
Drill hole 49m of 8g/t Ag
Drill hole 4·1m of 6·3g/t Ag
Outcrop 10m of 73g/t Ag
Drill hole 35m of 34g/t Ag
Drill hole 14m of 4g/t
Drill hole 6m of 10g/t Ag
Drill hole 6m of 6g/t Ag
Drill hole 8·6m of 11g/t Ag
Line 23·7N PIT
Line 30N Pit
5354000mN
380,000mE
GLACIAL OVERBURDEN
XV OWEN CONGLOMERATE CORRELATE
TYNDALL GROUP
XIV MEDIUM - COARSE GRAINED VOLCANOCLASTIC SANDSTONES; MINOR CHERT AND ASH FLOWS (ACID CRYSTAL LITHIC TUFFS)
XIII FLOW BANDED AUTOBRECCIATED RHYOLITES; FINE - COARSE GRAINED FELSIC TUFFS
XII FINE GRAINED VOLCANOCLASTIC SANDSTONE AND CONGLOMERATES
X PINK-GREEN FELDSPARS - QUARTZ CRYSTAL LITHIC TUFFS AND AGGLOMERATES; FELDSPAR QUARTZ PORPHYRY
IX MEDIUM GRAINED ANDESITIC CRYSTAL LITHIC TUFF, PHENOCRYSTS FELDSPAR, CHLORITIC MATRIX; MINOR GREY BLACK SHALES
VIIIa MEDIUM TO COARSE GRAINED HEMATITIC CRYSTAL LITHIC TUFFS PHENOCRYSTS OF FELDSPAR LITHIC FRAGMENTS OF HEMATITE. PRONOUNCED LACK OF CARBONATE
hm VIII HEMATITIC FINE - COARSE GRAINED LITHIC CRYSTAL TUFFS, FINE - MEDIUM GRAINED CHLORITIC-HEMATITIC SEDIMENTS ± MAGNETITE; MINOR FELDSPAR CRYSTAL TUFFS ± PYRITE ± HEMATITE, VARIABLE CARBONATE THROUGHOUT. CHANGING LATERALLY TO THE NORTH AND SOUTH TO:
VII MEDIUM TO COARSE GRAINED CRYSTAL LITHIC TUFF, PHENOCRYSTS OF FELDSPAR, VARIABLE HEMATITE AND CHLORITE WITHIN THE MATRIX, ALBITIZATION OF LITHIC FRAGMENTS AND PHENOCRYSTS, MINOR RE-WORKED TUFFS, GREYWACKES AND CHERT
q VI SILICIFIED ANDESITIC CRYSTAL (LITHIC) TUFFS, DISSEMINATED PYRITE, VEINS CHLORITE. POSSIBLE ALTERED NORTHERN EXTENSION OF UNIT V.
V ANDESITIC FELDSPAR CRYSTAL LITHIC TUFFS ± CHLORITE, MINOR HEMATITE, MINOR SHALES; GREYWACKES INCREASING TO THE SOUTH
IV QUARTZ FELDSPAR PORPHYRITIC LAVAS AND ASH FLOW AGGLOMERATES
III INTERMEDIATE FELDSPAR HORNBLENDE CRYSTAL LITHIC TUFFS
II ACID/INTERMEDIATE FINE - MEDIUM GRAINED ASH FLOW CRYSTAL LITHIC TUFF, PHENOCRYSTS OF FELDSPAR AND MINOR QUARTZ; INTERBEDDED WITH GREYWACKE AND GREY BLACK SHALES
I INTERMEDIATE FELDSPAR HORNBLENDE PORPHYRITIC LAVAS AND INTRUSIVES
SEALED ROAD BRIDGE
VEHICULAR TRACK
LOGGING TRACK BULLDOZER SCAR
WALKING TRACK
RAILWAY TRAMWAY ABANDONED
PROMINENT PEAK
TRIG STATION
BENCH MARK
SPOT ELEVATIONS
RIVER CREEK
LAKE
SWAMP
POWER LINE & PYLONS
BUILDING
FLYING FOX
PIT
COSTEAN TRENCH
ADIT
SHAFT (Depth metre)
OPEN CUT
ALLUVIAL WORKINGS
DUMP
5 cm
100 0 100 200 300 400 500
Metres
914126
THE MOUNT LYELL MINING & RAILWAY COMPANY LTD.
EAST TYNDALL
INTERPRETIVE GEOLOGY
E.L.9/66
81-1660 1/2
FIG. 19
AO-171-2
SCALE 1:5000
DATE 12-11-1981
DRAWN BY P.K.
DRAFTSMAN H.D.J.