

QUEENSTOWN AREA

EXPLORATION DEPARTMENT, MT. LYELL MINING CO. LTD.

LEGEND

SEDIMENTARY ROCKS

Q Talus, alluvium etc.
Qp Moraine with varved clays.

pt Tillite of Mt. Sedgwick.

Db Bell Shale - dark shale often alternating with sandstone bands.
Dbs Muddy sandstones & sandy shales.

Sf Florence Quartzite - fine grained & grey-brown.

Sk Keel - sandy shale & shaley sandstone with locally a major quartzite & shaley limestone.

Sa Amber Shales - blue-grey shales with limestone lenses.

Sc Cretky Quartzite - grey, medium to coarse grained, locally split by shales.

S Undifferentiated - mainly quartzite & alternating quartzites & shales of the Dublin Barril area.

Og Gordon Limestone, dark blue-grey, argillaceous.

Ooc Caroline Creek flaggy sandstones & shales.

Oou Upper Owen Conglomerate.

Oom Middle Owen Conglomerate.

Ool Lower Owen Conglomerate.

Jcs Jukes Conglomerate - very coarse greywacke conglomerate.
Gc Greywacke conglomerate.

Ms Mines Slate - finely banded siltstones.

Gs Grey sandstone.

Bv Bottery Volcanics - lavas, tuffs & agglomerates.
U Undifferentiated - variable greywacke sediments & volcanics, usually too metamorphosed or weathered for identification.

METAMORPHIC ROCKS

qp Quartz felspar porphyry.

hbp Hornblende felspar porphyry.

pyr Pyroxene felspar porphyry.

fp Felspar porphyry mainly in the abtitled area west of Cape Horn.

IGNEOUS ROCKS

lam Lamprophyre (kersantite?) dykes (post-Permian).

dl Dolerite of Mt. Sedgwick (post-Permian).

El Lavas of the Dundas Group, mainly pyroxene basalt in the Lynchford area.

GEOLOGICAL BOUNDARIES

OBSERVED

APPROXIMATE

DOUBTFUL

FAULTS

OBSERVED

APPROXIMATE

DOUBTFUL

BEDDING

STRIKE & DIP

VERTICAL

HORIZONTAL

OVERTURNED

DITCH

SCHISTOSITY

CLEAVAGE

SYNCLINE

ANTICLINE

MAIN ROAD

VEHICULAR TRACK

FOOT TRACK

TRIANGULATION STATION

RAILWAY OR TRAMWAY

RIVER OR CREEK

QUARRY

MINE FOR COPPER

UNLESS MARKED - GOLD

BARYTES

GALENA

ASBESTOS

HEMATITE

Magnetic variation - 10° E.

Base maps by courtesy of the Hydro-Electric Commission, Tasmania. Origin of co-ordinates 400,000 yds. west & 1,800,000 yds. south of the true origin of zone 7.

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Traced by P.B. Nankivell.

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Scale: 2" = 1 mile.

STRAHAN ROAD.

QUEEN RIVER.

MT. OWEN.

KING RIVER.

SECTION ALONG 815. N

Natural Scale