

SIMPLIFIED GEOLOGICAL MAP OF MRV HELLYER - STH DARWIN PEAK

REPORT A.I.M.M. - Geol. of Aust. ore deposits 1989

AUTHOR: G. GREEN

TASMANIA DEPARTMENT OF MINES,

DRAFTSPERSON: J.S.L. 3/6/89

5293 F

LEGEND

Post Early Devonian
 Q=Quaternary; Tb=Tertiary Basalt;
 P-J=Permian-Jurassic; Dg=Devonian granite

LATE-CAMBRIAN - DEVONIAN

Upper Wurawina Supergroup (Ord.-Early Dev.)
 Owen Conglomerate (Denison Group); / Upper Owen
 Conglomerate at Queenstown & Lynchford

**MIDDLE-LATE CAMBRIAN
 TYNDALL GROUP**

Felsic quartz porphyry; mostly intrusive
 Murchison Granite (MG)
 Farrell Slate
 Quartz-phyric volcanics;
 volcanoclastic sedimentary rocks
 Sticht Range Formation

DUNDAS GROUP

Felsic quartz porphyry; mostly intrusive
 Quartz-rich turbidite sequences
 Mostly siltstone, lithicwacke, conglomerate
 Que-Hellyer Volcanics: andesite, basalt, dacite
 Epiclastic and tuffaceous sedimentary rocks,
 mudstone

CENTRAL VOLCANIC COMPLEX

Felsic quartz porphyry; mostly intrusive
 Darwin Granite (D.G.)
 Andesite, intrusive and extrusive
 Mainly pyroclastic and epiclastic rocks
 Mainly feldspar-phyric volcanics

WESTERN VOLCANIC ASSOCIATION

Felsic quartz porphyry; mostly intrusive
 Extrusive andesite
 Interbedded crystal and vitric tuff, shale, lithicwacke
 and quartz-phyric lavas and intrusives
 Quartz-rich turbidite-mudstone unit
 Miners Ridge tholeiitic basalt

MIDDLE CAMBRIAN

Mafic-ultramafic complexes

?LATE PRECAMBRIAN - EARLY CAMBRIAN

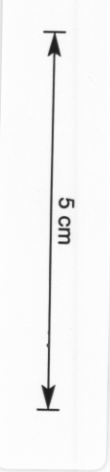
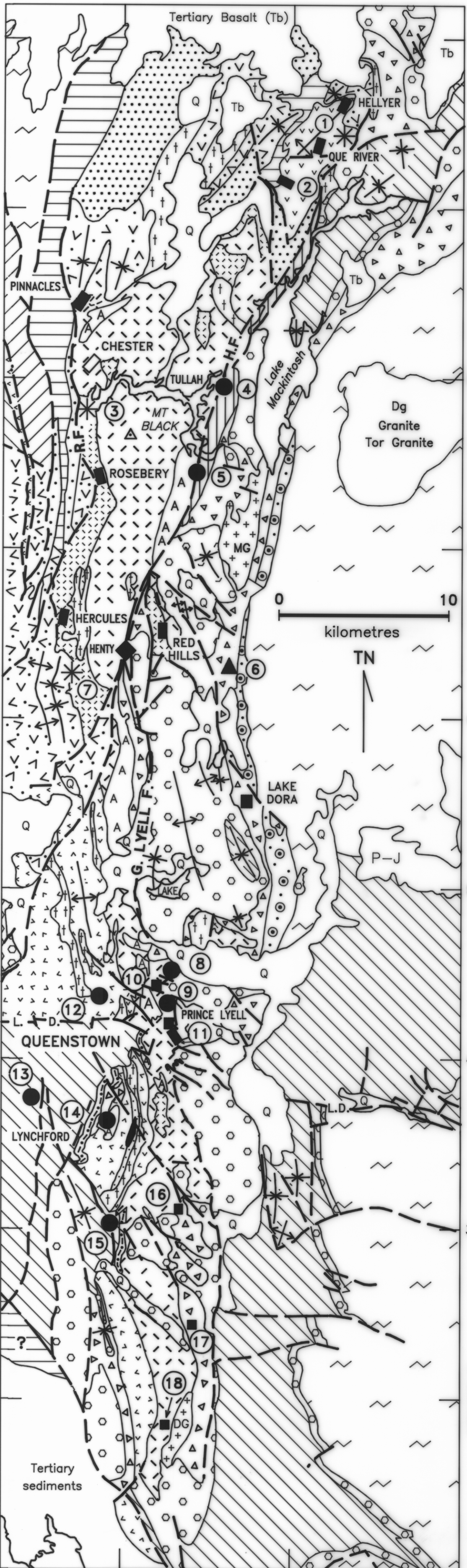
Crimson Creek Formation

LATE PRECAMBRIAN

Mainly sandstone-mudstone and metamorphosed
 equivalents

MINERALISATION

● Mineral deposit; probably Devonian
 ◆ Disseminated and veinlet gold mineralisation
 * Clastic sulphide deposit
 ▲ Disseminated pyritic deposit (low base metals)
 ■ Disseminated copper-silver-gold pyritic deposit
 □ Essentially barren massive pyrite; strike given
 by orientation of symbol
 ■ Massive Zn-Pb-Ag-Au-Cu massive sulphide, or
 massive barite (sulphide) deposit, strike given by
 orientation of symbol
 ⑦ Deposit number (see caption)



750
 5293F