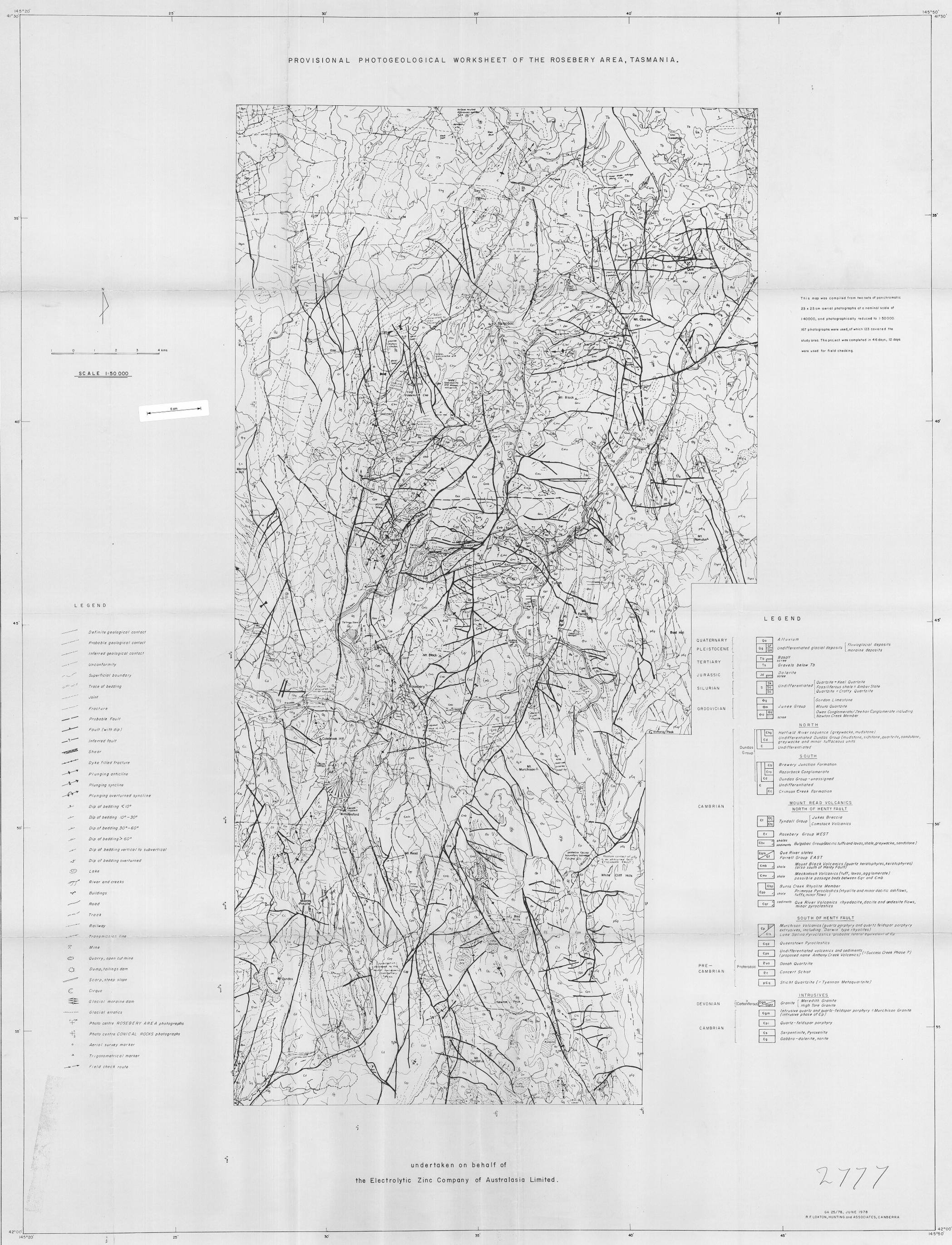
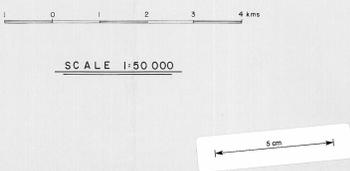


PROVISIONAL PHOTOGEOLOGICAL WORKSHEET OF THE ROSEBERY AREA, TASMANIA.



This map was compiled from two sets of panchromatic 23 x 23 cm aerial photographs of a nominal scale of 1:40000, and photographically reduced to 1:50000. 167 photographs were used, of which 123 covered the study area. The project was completed in 46 days, 12 days were used for field checking.



LEGEND

- Definite geological contact
- - - Probable geological contact
- · - · - Inferred geological contact
- · - · - Unconformity
- · - · - Superficial boundary
- · - · - Trace of bedding
- · - · - Joint
- · - · - Fracture
- · - · - Probable Fault
- · - · - Fault (with dip)
- · - · - Inferred fault
- · - · - Shear
- · - · - Dyke filled fracture
- · - · - Plunging anticline
- · - · - Plunging syncline
- · - · - Plunging overturned syncline
- · - · - Dip of bedding <math>< 10^\circ</math>
- · - · - Dip of bedding $10^\circ - 30^\circ$
- · - · - Dip of bedding $30^\circ - 60^\circ$
- · - · - Dip of bedding $> 60^\circ$
- · - · - Dip of bedding vertical to subvertical
- · - · - Dip of bedding overturned
- · - · - Lake
- · - · - River and creeks
- · - · - Buildings
- · - · - Road
- · - · - Track
- · - · - Railway
- · - · - Transmission line
- · - · - Mine
- · - · - Quarry, open cut mine
- · - · - Dump, tailings dam
- · - · - Scar, steep slope
- · - · - Cirque
- · - · - Glacial moraine dam
- · - · - Glacial erratics
- · - · - Photo centre ROSEBERY AREA photographs
- · - · - Photo centre CONICAL ROCKS photographs
- · - · - Aerial survey marker
- · - · - Trigonometrical marker
- · - · - Field check route

LEGEND

- QUATERNARY
 - Qa Alluvium
 - Qd Undifferentiated glacial deposits (fluvioglacial deposits, moraine deposits)
- PLEISTOCENE
 - Ts Basalt
 - Ts Gravels below Ts
- TERTIARY
 - Ju Dolerite
- JURASSIC
 - Ju Undifferentiated
 - Ju Quartzite = Keel Quartzite
 - Ju Fossiliferous shale = Amber Slate
 - Ju Quartzite = Crofty Quartzite
- SILURIAN
 - Sg Gordon Limestone
- ORDOVICIAN
 - Or June Group
 - Or Moura Quartzite
 - Or Owen Conglomerate / Teahna Conglomerate including Newton Creek Member
- NORTH
 - En Halford River sequence (greywacke, mudstone)
 - Ed Undifferentiated Dundas Group (mudstone, siltstone, quartzite, sandstone, greywacke and minor tuffaceous units)
 - Ed Undifferentiated
- Dundas Group
 - ES Brewery Junction Formation
 - ES Razorback Conglomerate
 - Ed Dundas Group - unassigned
 - Ed Undifferentiated
 - ES Crimson Creek Formation
- SOUTH
 - ES Brewery Junction Formation
 - ES Razorback Conglomerate
 - Ed Dundas Group - unassigned
 - Ed Undifferentiated
 - ES Crimson Creek Formation
- CAMBRIAN
 - MOUNT READ VOLCANICS
 - NORTH OF HENTY FAULT
 - Er Tyndall Group
 - Jukes Breccia
 - Camstock Volcanics
 - Er Rosebery Group WEST
 - shales
 - Bugabac Group (basaltic tuffs and lavas, shales, greywacke, sandstone)
 - Que River slates
 - Farrell Group EAST
 - Emb Mount Black Volcanics (quartz keratophyres, keratophyres) (also south of Henty Fault)
 - Emb shale
 - Emb Mackintosh Volcanics (ruff, lavas, agglomerate) possible passage beds between Er and Emb
 - Emb shale
 - Emb Burns Creek Rhyolite Member
 - Emb Primmase Pyroclastics (rhyolite and minor dacitic ash flows, tuffs, minor flows)
 - Emb Que River Volcanics (rhyolite, dacite and andesite flows, minor pyroclastics)
 - SOUTH OF HENTY FAULT
 - Emb Murchison Volcanics (quartz porphyry and quartz feldspar porphyry extrusives, including "Darwin" type rhyolites)
 - Emb Lake Station pyroclastics (probable material equivalent to Er)
 - Emb Queenstown Pyroclastics
 - Emb Undifferentiated volcanics and sediments (proposed name Anthony Creek Volcanics) (= Success Creek Phase ?)
 - PRE-CAMBRIAN
 - Proterozoic
 - Emb Danah Quartzite
 - Emb Concert Schist
 - Emb Sticht Quartzite (= Tyennan Metaquartzite)
- DEVONIAN
 - Emb Intrusives
 - Emb Meredith Granite
 - Emb High Tare Granite
 - Emb Intrusive quartz and quartz-feldspar porphyry = Murchison Granite (intrusive phase of Er)
- CAMBRIAN
 - Emb Quartz-feldspar porphyry
 - Emb Serpentinite, Pyroxenite
 - Emb Gaboro-dolerite, norite

undertaken on behalf of
the Electrolytic Zinc Company of Australasia Limited.

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