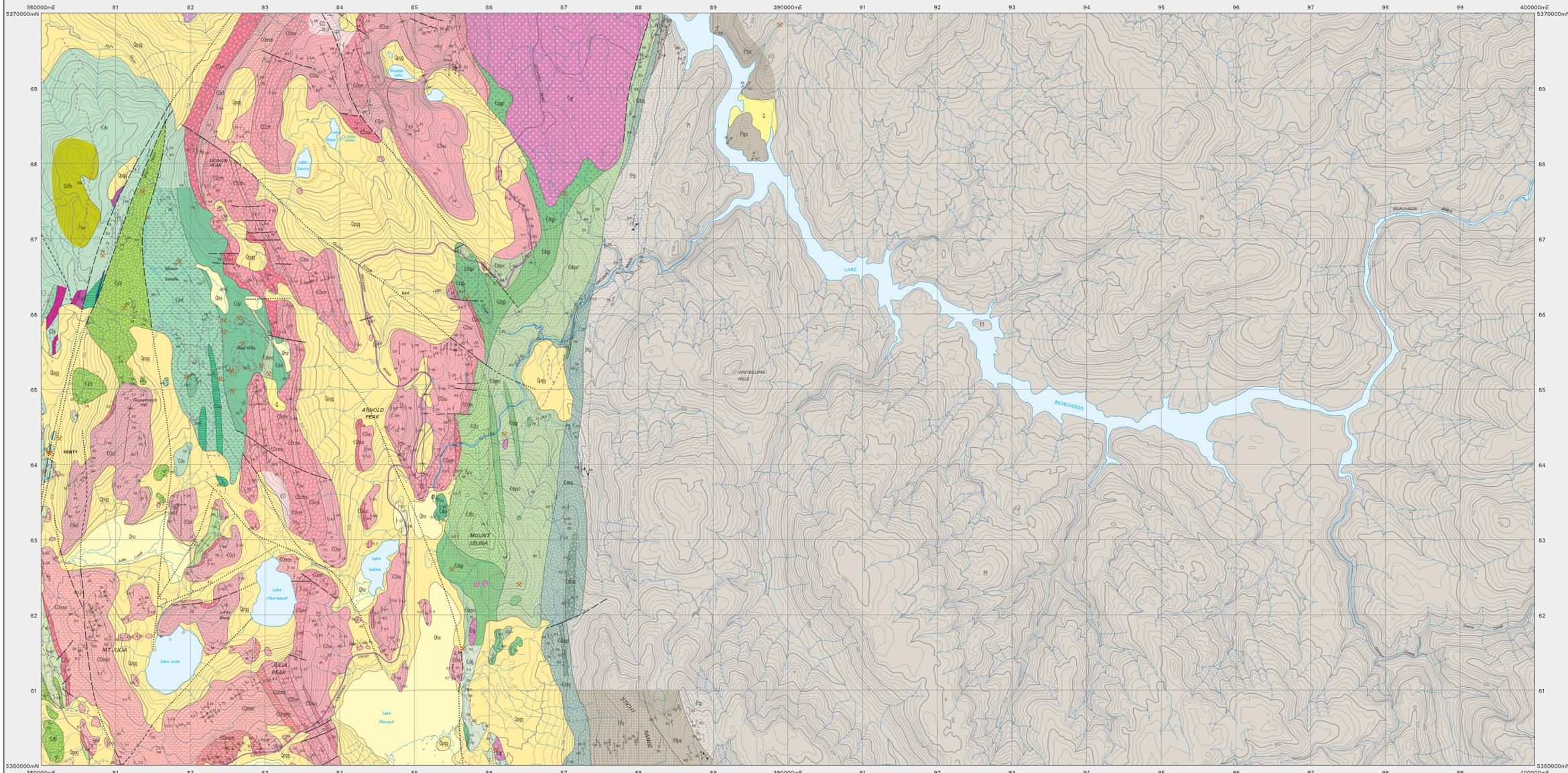
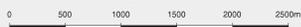


# SELINA

Scale: 1:25 000



CAMBRIAN QUATERNARY	
Qha	Holocene alluvium, swamp and marsh deposits (Qha).
Q	
Qpqq	Platascian glacial deposits, usually bouldery (Qpqq).

PALAEOZOIC LATE CAMBRIAN	
COsu	Upper unit of generally pink sandstone and granite-pebble conglomerate with subordinate siltstone. Clasts of chert common. Some trace fossils. Upper Owen Sandstone and corallites (COsu).
COsm	Unit of grey sandstone, siltstone and conglomerate with possible minor limestone (COsm).
COsc	Unit of coarser pebble-cobble conglomerate (COsc).
COcm	Pebble-cobble to cobble-boulder conglomerate, thick-bedded to massive, with minor sandstone lenses. Middle Owen Conglomerate and corallites (COcm).
COcmf	Unit of interbedded conglomerate and sandstone (COcmf).
COmsn	Interbedded micaceous sandstone, siltstone and siliceous pebble conglomerate. Mostly grey in colour. Marine fossils in places. Newton Creek Sandstone and corallites (COmsn).
COmnn	Unit of dominantly siltstone and shale (COmnn).
COcl	Pebble-cobble to cobble-boulder conglomerate, thick-bedded to massive, with minor sandstone lenses. Lower Owen Conglomerate and corallites (COcl).
COvc	Volcaniclastic conglomerate, breccia and sandstone, usually of base of sequence. Includes corallites of Jukes Conglomerate (COvc).

PALAEOZOIC MIDDLE CAMBRIAN	
Cdt	Interbedded volcanoclastic and volcanic rocks, typically quartz-feldspar-phryic (Cdt).
Cdtr	Dominantly volcanoclastic conglomerate and sandstone (Cdt).
Cdtrm	Felsic lava and lava breccia, typically quartz-feldspar-phryic (Cdt).
Cdtrf	Mainly crystal-rich, volcanoclastic sandstone and breccia, typically zoned pink and green, quartz-feldspar-phryic, with minor siltstone and conglomerate (Mt Julia Member or Middle Tynaholme Group) (Cdtrf).
Cdtrv	Interbedded volcanic and volcanoclastic rocks and intrusive porphyries, typically quartz-feldspar-phryic (Cdt).
Cdtrp	Felsic porphyry, typically quartz-feldspar-phryic, includes extrusive and intrusive bodies (Cdtrp).
Cdtrq	Mainly intrusive quartz-feldspar porphyry (Cdtrq).
Cdtrc	Vitriolitic cherty mudstone (Cdtrc).
Cdtrd	Dominantly volcanoclastic rocks, typically quartz-feldspar-phryic (Cdtrd).
Cdtrg	Siliceous conglomerate and sandstone with interbedded micaceous siltstone and minor volcanoclastic rocks. Short Range beds (Cdtrg).
Cdtrh	Pebble-cobble conglomerate unit (Cdtrh).
Cdtri	Volcanoclastic sandstone unit (Cdtri).

PALAEOZOIC EARLY CAMBRIAN	
Cdv	Dominantly feldspar-phryic volcanic and volcanoclastic rocks (Cdv).
Cdvr	Mainly felsic volcanoclastic and pyroclastic rocks, dominantly feldspar-phryic, including pumice-bearing units (Cdv).
Cdvl	Block and ash flow breccia with lithic clasts and pumice fragments (Cdv).
Cdvlf	Shale-siltstone-sandstone units (Cdv).
Cdvlv	Felsic lava, typically feldspar +/- quartz-phryic rhyolite to dacitic (Cdv).
Cdvlp	Feldspar-quartz porphyry, typically with spherulitic groundmass (Cdv).
Cdvlc	Basalt, commonly chlorite-altered (Cdv).
Cdvla	Andesitic lava and breccia (Cdv).

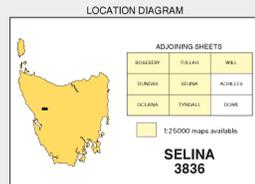
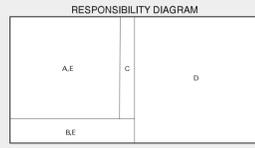
  

PROTEROZOIC MESOPROTEROZOIC	
Pts	Dominantly quartzite (Pts).
Ptp	Dominantly phyllite (Ptp).
Ptpp	Intertiered phyllite and quartzite (Ptpp).

INTRUSIVE ROCKS	
D	Lamprophyre (D).
Egr	Granite (Egr).
Cbc	Basaltic dykes, typically chlorite-altered (Cbc).
Gbr	Gabbro (Gbr).
Efp	Felsic porphyry, typically quartz-feldspar-phryic, includes extrusive and intrusive bodies (Efp).
Efpv	Mainly intrusive quartz-feldspar porphyry (Efpv).
Efpv	Feldspar-quartz porphyry, typically with spherulitic groundmass (Efpv).

—	Geological boundary - position approximate
- - -	Geological boundary - inferred
— · — ·	Moraine ridge crests
- - - - -	Fault - position approximate
- - - - -	Fault - inferred
.....	Fault - concealed
— · — ·	Axial surface trace of major fold - antiform
— · — ·	Axial surface trace of major fold - synform
— · — ·	Notable small outcrop or flat / log occurrence
(white line)	Colour boundary

Compiled by Corbett, K.D., McNeil, A.W., Jackson, J.C., 1995, from the following source data responsibility diagrams:  
 A McNeil, A.W., 1987, Mt Read Volcanics Project Map 4.  
 B Corbett, K.D. and A.W., Jackson, 1997, Mt Read Volcanics Project Map 5.  
 C Corbett, K.D., McNeil, A.W., 1997, Mt Read Volcanics Project Map 2.  
 D Air photo interpretation by K.D. Corbett.  
 E Revised and updated by K.D. Corbett, 2003 as part of the Western Tasmanian Regional Minerals Program.



Base data from the LIST, Copyright State of Tasmania.  
 Map produced by the Data Management Branch of Mineral Resources Tasmania using GIS software.  
 AID64 - AMG Zone 55. Contour Interval: 20 metres.  
 While every care has been taken in the preparation of this data, no warranty is given as to the correctness of the information and no liability is accepted for any statement or opinion or for any error or omission. No reader should act or fail to act on the basis of any material contained herein. Readers should consult professional advisors. As a result the Crown in Right of the State of Tasmania and its employees, contractors and agents expressly disclaim all and any liability (including all liability from or attributable to any negligent or wrongful act or omission) to any persons whatsoever in respect of anything done or omitted to be done by any such person in reliance whether in whole or in part upon any of the material in this data.  
 Crown copyright reserved.