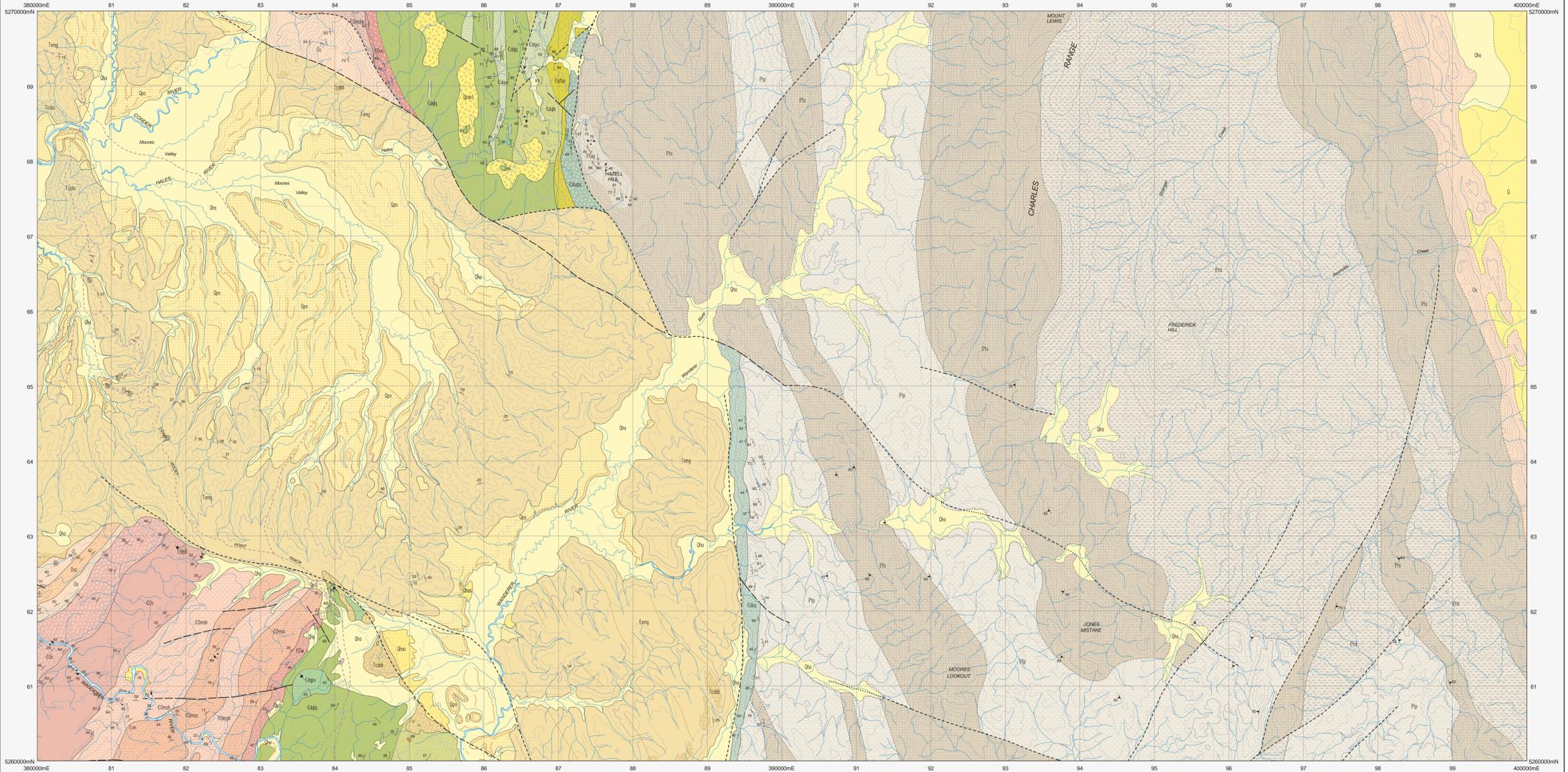
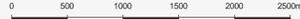


# MOORES

Scale: 1:25 000



CENOZOIC	
QUATERNARY	HOLOCENE
	Oha Undifferentiated Quaternary sediments (O). Stream alluvium, swamp and marsh deposits (Oha).
	Oaqt Taka (Oaqt).
	Oaqp-v Quartz vein-derived tala and scree (Oaqp-v).
	Opa Older alluvial gravels, mainly on raised terraces developed on Tertiary deposits and showing a gradational relationship to younger alluvium (Opa).
	Ohaa Older alluvial fan deposit associated with steep slopes (Ohaa).
	Etal Erosional surface.
	Tamg Semi-consolidated interbedded sands, pebble-cobble gravels (up to boulder grade in some places), silts and clays; some horizons contain coalified wood and rare amber (Tamg).
	Tcab Coarse boulder deposits with clasts to 5m. Mostly developed near graben margin, with clasts of local derivation (Tcab).
	Tcabc Semi-consolidated sediments with abundant dolerite clasts up to boulder grade (Tcabc).
	Angular unconformity.

PALEOZOIC	
LATE CAMBRIAN	ORDOVICIAN
	Oli Dark grey limestone, dolomite, calcareous mudstone, minor quartz sandstone and black clay weathering products in part fossiliferous (Gordon Group and correlates). Discovered by Cenozoic cover near 399 E20m S 369 B3m (Oli).
	Os Pink to grey thin-bedded to laminated sandstone, bioturbated and sparsely fossiliferous in lower-archaeological of Devonian aspect at 380-370m.
	Oac Pink, thickly-bedded granite-pebble conglomerate containing white to pink chert clasts (Oac).
	COc Pink, thickly bedded to massive pebble-cobble conglomerate (COc).
	COa Sandstone, grey to pink, trough cross-bedded micaceous, with minor pebble conglomerate and siltstone (COa).
	COmsh Mainly interbedded granite-pebble conglomerate and sandstone, with minor siltstone (COmsh). Green to grey, thin-bedded micaceous siltstone and sandstone (COmsh).
	COmsp Shale-siltstone unit with basal volcanoclastic conglomerate (COmsp).
	COms Mainly black pyritic shale and siltstone (COms).
	COvc Volcanoclastic conglomerate and sandstone (COvc).
	Unconformity.
	Edqqa Dominantly felsic lavas and/or intrusives, typically quartz-feldspar-phyrlic, with minor felsic volcanoclastic rocks (Edqqa).
	Edqvc Dominantly felsic volcanoclastic rocks, well bedded to massive (Edqvc).
	Edqpy Pumiceous volcanoclastic rocks, with accretionary lapilli-bearing unit at 384-370m S 362 B3m (Edqpy).
	Edqab Quartz-feldspar-biotite-phyrlic lava and/or intrusive (Edqab).
	Eda Intermediate lava or intrusive (Eda).
	Edsq Siliciclastic sandstone and pebble conglomerate with some interbedded siltstone and minor volcanoclastic rocks (correlate of Sticht Range Beds) (Edsq).
	Edsqsh Siltstone-sandstone-shale unit, partly siliciclastic, partly volcanoclastic (Edsqsh).
	Edsac Siliciclastic granite-pebble conglomerate and sandstone, poorly bedded to massive (Edsac).

PROTEROZOIC	
MICROTERTIARY	TERMIAN REGION METAFELSIC ROCKS
	Pts Dominantly quartzite (Pts).
	Ptuq Lithologically undifferentiated, commonly graniferous rocks of relative high metamorphic grade, including massive schistose quartzite and fine-to coarse-grained pelitic quartz-mica schist (Ptuq).
	Etas Poley or schistose micaceous quartzite (Etas).
	Ptp Dominantly phyllite (Ptp).

INTRUSIVE ROCKS	
qv	Quartz vein (qv).
Cqbp	Quartz-feldspar-biotite porphyry, typically coarse-grained (Cqbp).
Cqab	Quartz-feldspar-biotite-phyrlic lava and/or intrusive (Cqab).
Eda	Intermediate lava or intrusive (Eda).

—	Geological boundary - position accurate or approximate.
- - -	Geological boundary - inferred.
- - - - -	Fault - unspecified type, position accurate or approximate.
- - - - -	Fault - unspecified type, inferred.
.....	Fault - unspecified type, concealed.
~~~~~	Scarp.
—	Lithological trend line.
(white line)	Limit of mapping of sub-unit within undifferentiated rock unit.

- ↘ ↘ Strike and dip of bedding - right way up, facing unknown.
- ↘ ↘ Strike and dip of cleavage of unspecified type and relative age vertical.
- ↘ ↘ Strike and dip of cleavage or foliation, relative local age S2.
- ↘ ↘ Strike and dip of cleavage or foliation, relative local age S2.
- ↘ ↘ Strike and dip of cleavage of unspecified type and relative age parallel to bedding, facing unknown.
- ↘ ↘ Strike and dip of plunge of hinge line of minor fold with vertical axial surface, unspecified relative age.
- ↘ ↘ Trend and plunge of hinge line of minor fold with vertical axial surface, relative local age F2.
- ↘ ↘ Strike and dip of dominant joint set, vertical.
- ↘ ↘ Strike and dip of igneous banding or ptyg alignment.
- ↘ ↘ Strike and dip of ductile shear-band.
- ↘ ↘ Strike and dip of metamorphic foliation.
- ↘ ↘ Trend and plunge of mineral elongation lineation.
- ⊗ Macrotectonic locality.

Compiled by R.O. Reid, B.Sc. (Hons) and D.C. Green, B.Sc. (Hons) Ph.D. 2000 from the following sources (see responsibility diagram):

A VICARY, M.J., PEMBERTON, J., BRADBURY, J. and CORBETT, K.D. 1991. Geology of the Vanderlief - Moores Valley area. Map 11. M.R. Read Volcanics Project. Department of Mines, Tasmania.

B BROWN, A.V. et al. 2005. Southwest Tasmania. Edition 2005.1. Geological Atlas 1:250 000 digital series. Mineral Resources Tasmania.

C HALL, W.D.M. et al. 1985. 1:100 000 Rocky Point Geological Map. Broken Hill Proprietary Company Limited. TCR 69.3655.

D VICARY, M.J., PEMBERTON, J., BRADBURY, J. and CORBETT, K.D. 1991. Geology of the Elton Bay - Mt Othman area. Map 10. M.R. Read Volcanics Project. Department of Mines, Tasmania.

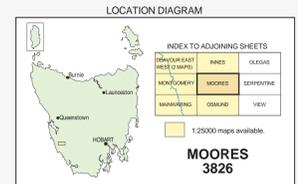
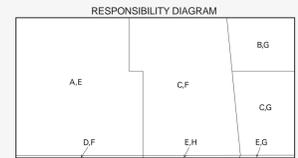
Updated by:

E Corbett, K.D. (2004), as part of the Western Tasmanian Regional Minerals Program.

F Air photograph and VTRMP geophysical data interpretation by M.J. Vicary, 2004.

G Air photograph interpretation by W.D.M. Hall and M.J. Vicary, 2006.

H Limited traverses by W.D.M. Hall and M.J. Vicary, 2006.



REFERENCE THIS MAP AS:

REID, R.O. and GREEN, D.C. (Compilers) 2006. Digital Geological Atlas 1:25 000 Scale Series, Sheet 3826, Moores. Mineral Resources Tasmania.

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GDA84 - MGA Zone 55. Contour Interval: 20 metres.



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