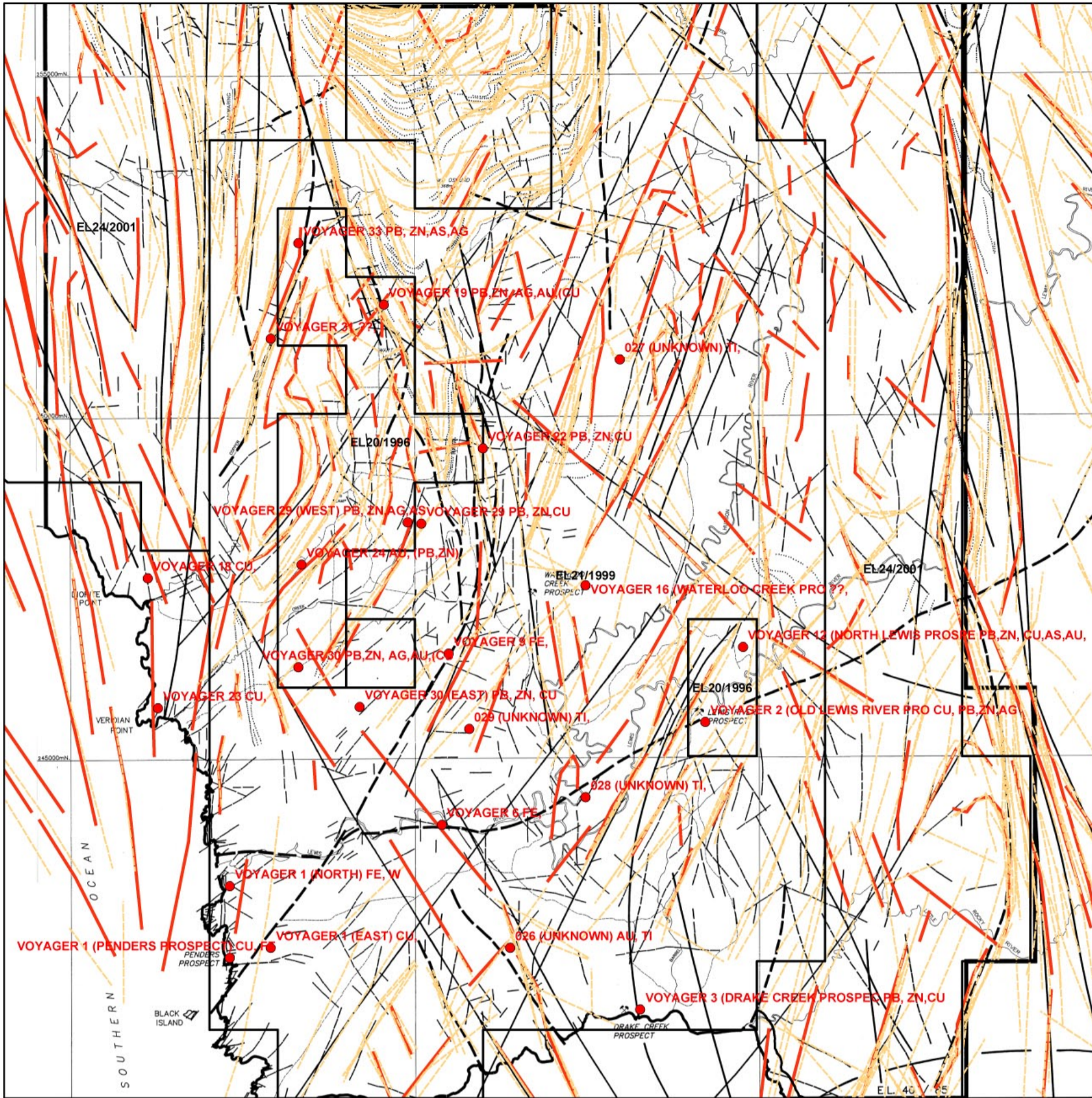


Elliott Bay, SW Tasmania, Australia.

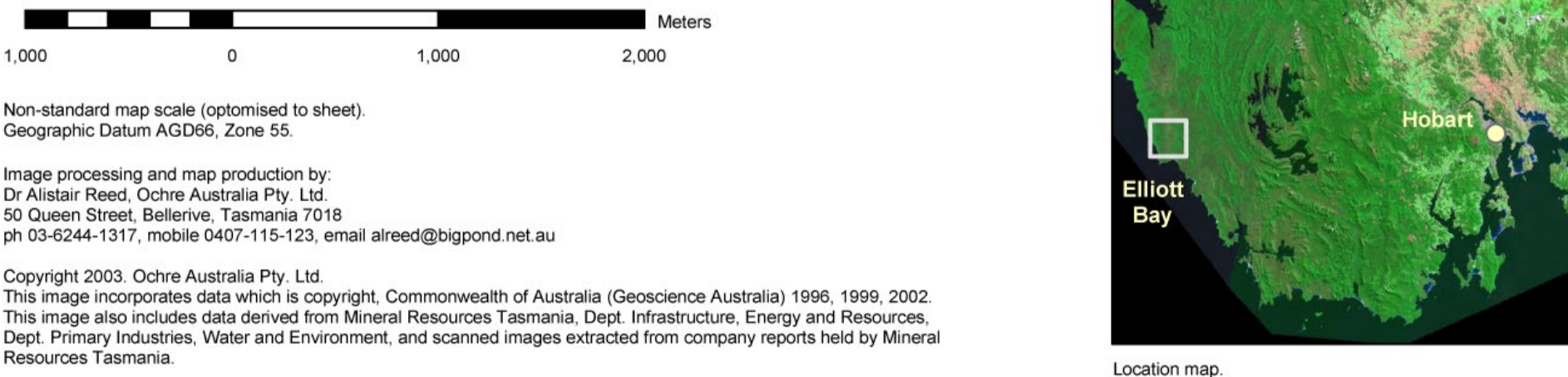
Processed 1st vertical derivative magnetic data - enhanced for Elliott Bay region.



View extents as for main map. Map of linears from Torrey et al., Cyprus Gold Australia Co., TCR88-2853 (held by Mineral Resources Tasmania). Red lines shown are those interpreted from main the image. Light orange dashed linears are those interpreted from other datasets processed during the course of this investigation. Mineral deposits shown are from Mineral Resources Tasmania (MIRLOCH database). Map shows clear differences between previously interpreted linears and those interpreted using more recent data.

- Legend**
- Drill hole locations
 - 1VD Regional linears (shown red on inset)
 - 1 Quartzose gravel
 - 2 Dolerite
 - 3 Undifferentiated Owen Conglomerate
 - 3a Coarse quartzose sandstone
 - 3b Siltstone
 - 4 Undifferentiated Waterloo Creek Group
 - 4a Hematitic volcanoclastic conglomerate
 - 4b Tuffaceous quartz sandstone and grit
 - 4c Black shale (pyritic)
 - 4d Fine to medium grained rhyolitic volcanoclastic
 - 5 Undifferentiated Wart Hill & Hudson River volcanics
 - 5a Fine to medium grained rhyolitic volcanoclastic
 - 5b Rhyolitic quartz feldspar porphyry lavas and intrusives
 - 5c Dacitic porphyry
 - 5d Coarse grained rhyolitic volcanoclastic
 - 5e Siltstone
 - 5f Siliceous conglomerate
 - 5g Greywacke and siltstone
 - 6 Elliot Point Porphyry
 - 7 Granite
 - 8 Microgranite
 - 9 Porphyritic microgranite
 - 10 Undifferentiated western epistatics
 - 10a Andesitic to basaltic volcanics
 - 10b Tuffaceous siltstone and quartzose conglomerate
 - 10c Black shale (pyritic)
 - 10d Fine to medium grained rhyolitic volcanics
 - 10e Gabbro
 - 10f Coarse grained rhyolitic volcanoclastic sandstone
 - 11 Undifferentiated Mainwaring Group
 - 11a Gabbro
 - 11b Andesitic to basaltic volcanics
 - 11c Dolomite
 - 11d Black shale (pyritic)
 - 11e Siltstone and sandstone
 - 12 Precambrian metasedimentary rocks

Main map.
First vertical derivative image, with data processed for all of the Elliott Bay region. Image has been merged with geological map from from Torrey et al., Cyprus Gold Australia Co., TCR88-2853 (held by Mineral Resources Tasmania). There are considerable differences between the geology previously interpreted and that shown here (eg. there appears little evidence for the east-trending Lewis River Fault). One important result is what appears to be a close north-trending fold, the western limb abutting the Copper Creek Fault. Possible refolding is evident as a prominent bulge within the western epistatic sequence (unit 10). This geometry suggests that felsic rocks of units 5 and 10 (Wart Hill Volcanics and Western Epistatic sequence, respectively), may either be the same unit or along-strike lateral equivalents to one another. Note also recorded chlorite-sericite alteration over bullseye magnetic anomaly at 385200mE, 5244230mN.



Statement of uncertainty.
Attribute data for point data have not been verified. Position error as per stated in Mirloch database (available from Mineral Resources Tasmania). This database indicates position errors for some deposits of greater than 1km. Doris drill hole database is known from comparison with mineral exploration reports not to be complete. Position error for gridded image data is unknown but likely to be less than the original flightline spacing of 200m. Road and river data have been digitised from georeferenced company reports. Comparisons between georeferenced images indicate position errors of up to about 100m (but typically less than 50m). Errors for other scanned and georeferenced products are in the order of less than 50m.

Disclaimer
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