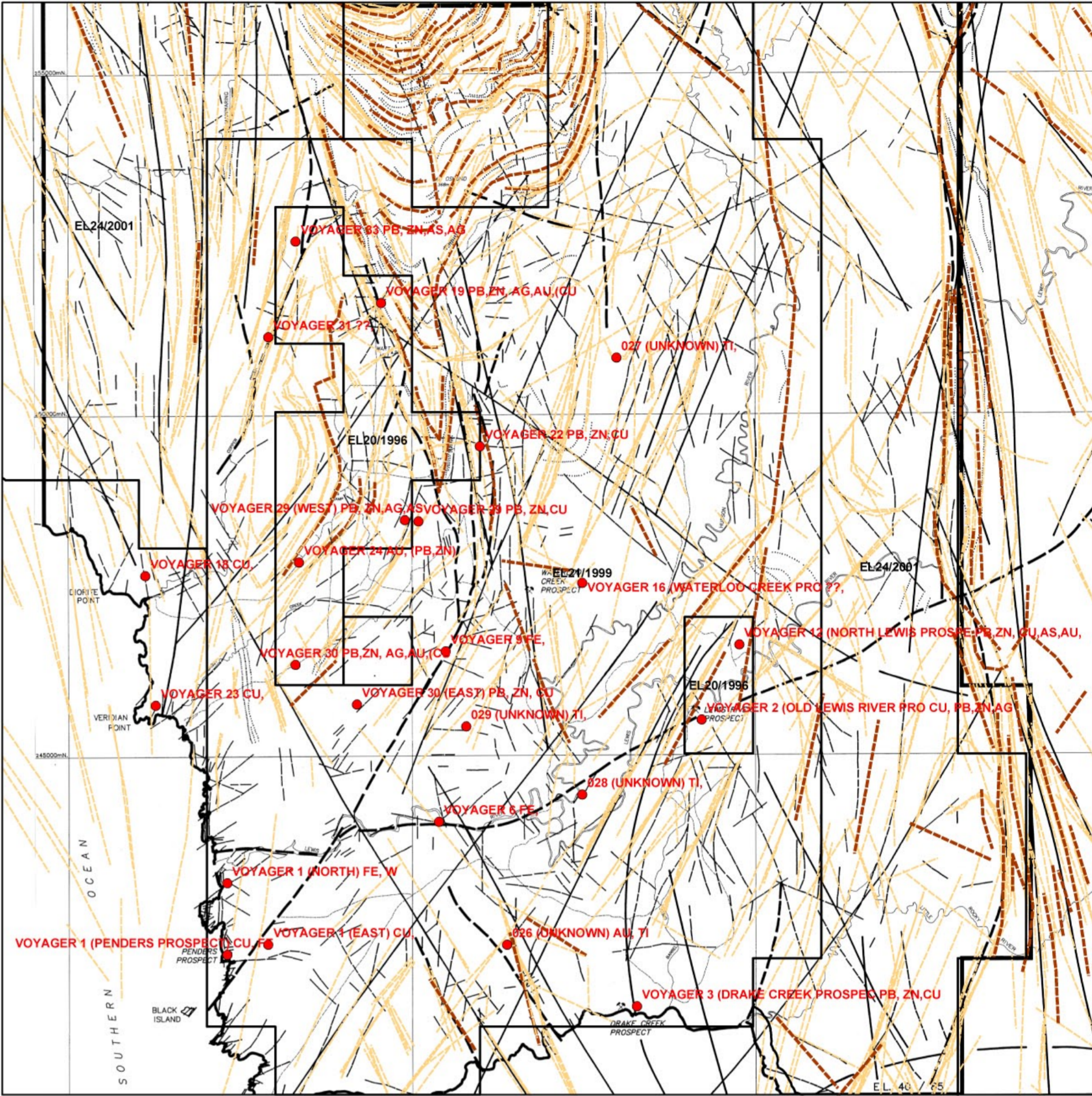


# Elliott Bay, SW Tasmania, Australia.

Processed satellite data.



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

**Main map.**

Processed satellite image of the Elliott Bay Region. Image classification is based on various parameters including vegetation, rock type, iron oxide and clay contents. Of particular interest is the distinction of units within the Wart Hill and Ordovician (Osmund Syncline) sequences. The Ordovician rocks clearly show 3 phases of folding; an early tight to isoclinal foldset (see separate more detailed image), refolded by the later north-northwest-trending Osmund Syncline. The Osmund Syncline itself is defined by open northwest trending folds. This isoclinal fold phase is the only phase of folding consistent with the prominent stretching lineation observed in Wart Hill drill core. This early phase of folding also explains observations showing sub-vertical bedding at Wart Hill to be younging toward the southwest, opposite that given positioning relative to the Osmund Syncline. Southeastward younging in Cambrian rocks has also been noted in outcrop located on the southeastern limb of the Osmund Syncline (Geoff Green, pers comm). Strategies for targeting rocks footwall to Wart Hill mineralisation need to be rethought in light of this new information.



Non-standard map scale (optimised to sheet).  
Geographic Datum AGD66, Zone 55.

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**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. 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 30m). Errors for other scanned and georeferenced products are in the order of less than 50m.

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