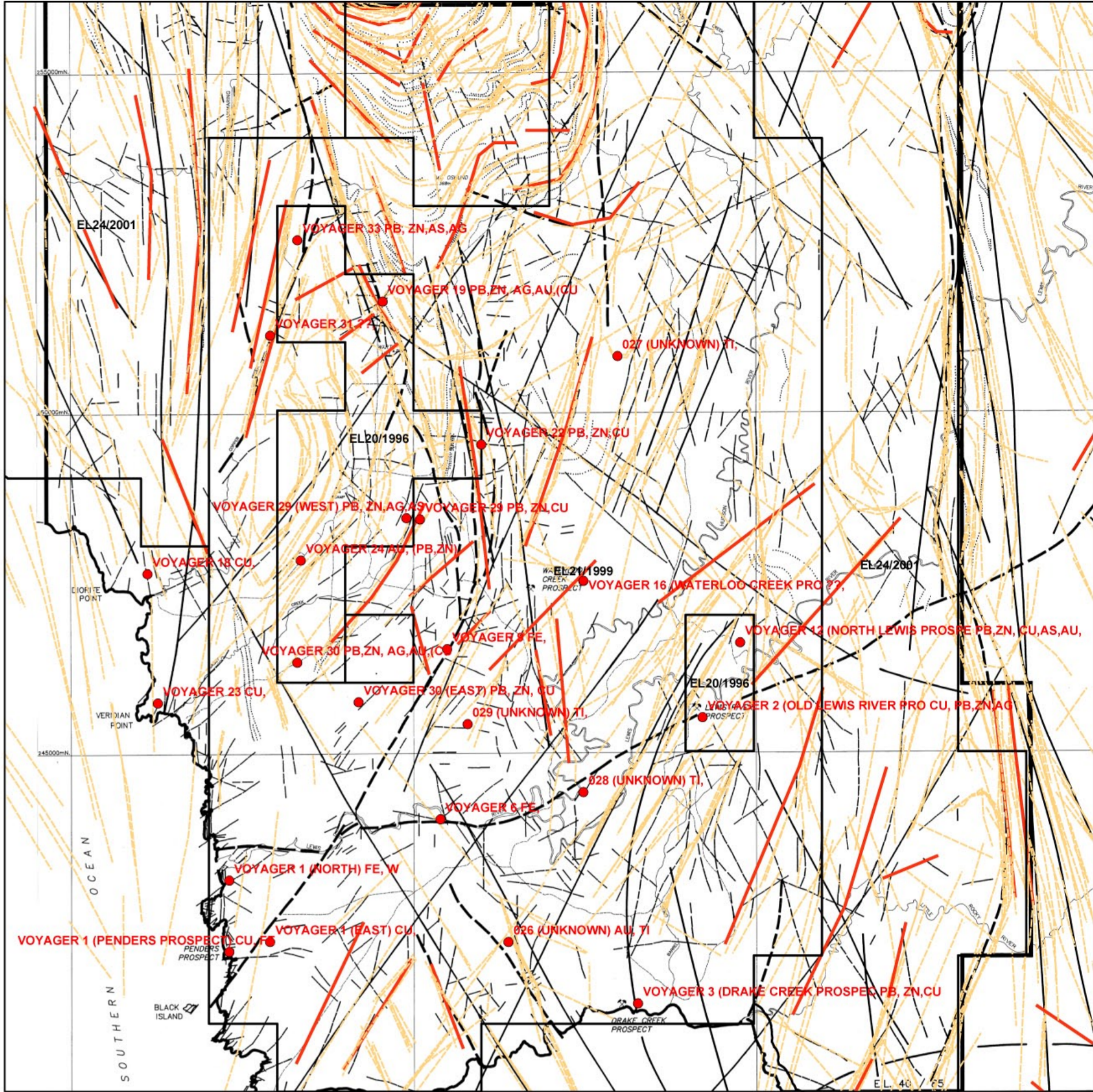


# Elliott Bay, SW Tasmania, Australia.

## Single band potassium (K) image.



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
  - Potassium linears (shown red on inset)
- |  |   |
|--|---|
| 1 Quartzose gravel   | 7 Granite   |
| 2 Dolerite   | 8 Microgranite  |
| 3 Undifferentiated Owen Conglomerate                       | 9 Porphyritic microgranite                            |
| 3a Coarse quartzose sandstone                              | 10 Undifferentiated western epilastics                |
| 3b Siltstone   | 10a Andesitic to basaltic volcanics                   |
| 4 Undifferentiated Waterloo Creek Group                    | 10b Tuffaceous siltstone and quartzose conglomerate   |
| 4a Hematitic volcanoclastic conglomerate                   | 10c Black shale (pyrite)                              |
| 4b Tuffaceous 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 Dacitic 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 Elliott Point Porphyry                                   |   |

**Main map.**  
Processed radiometric image of the Elliott Bay region. Single band pseudocolour image showing variation in potassium. Note, the regularity (~800m spacing) of radiometric highs northwest and southeast along the contact between units 4 and 5. This marked response extends along this contact all the way around the Osmund syncline and appears stronger on the eastern limb of the syncline. Note also the periodic abrupt termination of anomalism along this contact, coincident in at least one location with a mapped west-northwest fault. Faults such as this are oriented at a high angle to the stratigraphy, consistent with, for example, the orientation of possible syn-mineralisation transfer faults.



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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. 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.

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