

### 3.4 VOYAGER 29

#### i) Introduction

Voyager 29 is the area immediately south of Voyager 19 and west of Voyager 22. Line 11000E denotes the line of demarcation between Voyager 29 and Voyager 22, the two grids being contiguous. The area initially attracted interest following the discovery of strong zinc anomalies in soils at the western ends of reconnaissance grid lines over the Voyager 22 alteration zone (R.R. Large, 1981).

Voyager 29 has been gridded from 10000E to 11000E on lines spaced 200m apart between 10000N to 11600N.

#### ii) Geology

Most of the area is open button grass plain with large patches of white quartz rubble but very little geological exposure. However, the available outcrops have been inspected and a rough geological plan was compiled at 1:2500 scale (plan 52). The plan is self-explanatory; geological boundaries are inferred rather than mapped, due to lack of exposure.

The rocks of the Wart Hill Pyroclastics are typical of this area and include chloritic quartzo-feldspathic crystal/lithic tuffs, sericitic quartz crystal tuffs and fine grained quartz (feldspar) porphyritic extrusives identical to that exposed north and west of Wart Hill.

Included in the pyroclastic group, at the west of the grid is a narrow horizon, generally no more than 5-10 metres thick, of laminated micaceous quartz sandstone, evidently representing a period of clastic sedimentation of Tyennan Block provenance.