

Geology

Sheet KT 27/76 8A presents a geological interpretation of the Voyager 10 prospect based upon the 1:10,000 scale reconnaissance mapping programme.

The dominant rock type present in the prospect area is a pale green rhyolitic quartz feldspar porphyritic lava containing in isolated examples rare pyrite crystals. Original flow banding was identified in several hand specimen however the regional cleavage has destroyed almost all traces of primary textures.

Approximately 1000 metres to the north west occurs the volcanoclastic and pyroclastic horizons of the Voyager 2 prospect, 800 metres to the south of the Voyager 10 prospect regional mapping has also located a 100 metre wide horizon of crystal vitric lithic pyroclastics. Detailed mapping in this area may detect similar lithologies to those at Voyager 2, based upon the stratigraphic trends of this region.

Geophysics

No ground geophysical investigations have yet been carried out on the Voyager 10 prospect.

Based on information obtained from the Geoex (1975) survey this prospect is not associated with any anomalous magnetic or E.M. character. The prospect is situated approximately 500 metres west of a class D category (Geoex) A.E.M. anomaly.