

- 097
1. Traversing along the old B.H.P. access track from the Ordovician unconformity westwards to the E.L. boundary and encompassing the complete Mainwaring succession across the area. Soil samples, were to be collected at 50m intervals along the track.
 2. Stream sediment sampling and geological mapping along the Mainwaring River and its main tributaries.
 3. Ground examination of the coincident AEM-Aeromagnetic anomalies which are referred to as Voyager 26.

In the following section the results of these three projects are summarised from a more detailed report by Poltock (1981) and are supplemented by field observations and follow up work which was conducted by Geopeko geologists.

4.2 Regional Geology

Where facing directions are visible in the uppermost sedimentary units of the Wart Hill Pyroclastics they consistently indicate a westerly younging direction. The Mainwaring Group therefore rests with apparent conformity on the acid volcanics of the Lewis River Group.

Large (1981) divides the Mainwaring Group into three formations based on lithostratigraphic evidence;

1. The Veridian Point Formation
2. The Sassy Creek Argillites
3. The Penders Tuffs