

ORDOVICIAN

Owen conglomerate

This unit consists of an oligomictic quartz conglomerate of variable thickness represented sporadically by fine quartz sandstone and pebble beds.

In the northern portion of the area studied, due west of Voyager 9 and shown on Sheet KT 27/76 5A large isolated zones of siliceous conglomerate are interpreted as the southern extension of the Osmund Syncline. This interpretation is based upon photogeological techniques in the absence of regional mapping between Voyager 9 and the Wart Hill - Mt Osmund area.

Numerous large float outcrops, interpreted as Owen Conglomerate, were located during the Voyager 3 geological mapping, occurring generally west of the Little Rocky River approximately 500 metres north of Big Beach. These remnants display both brecciated and conglomeratic textures and are characteristically highly siliceous with an abundance of quartzite pebbles.