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2. Murchison Volcanics

The Murchison Volcanics outcrop east of the Farrell Group and consist of acid, quartz-rich rhyolitic flows and pyroclastics. Minor magnetite/pyrite/chalcopyrite mineralisation has been observed in the Murchison River.

3. Farrell Group

The Farrell Group consists of acid pyroclastics, black shales, greywackes and sandstones which dip and face west. The sequence is tightly folded in places and overturning is not uncommon.

The Farrell Group contains all known economic mineralisation in the Tullah area including the Pb/Ag mines at Tullah and Sterling Valley.

The rocks have locally been extensively sheared near to their contact with the Mt. Read Volcanics.

4. Owen Conglomerate

The massive Ordovician conglomerates and sandstones of the Owen Conglomerate are seen to be downfaulted against the Farrell Group in the Mackintosh Dam site area. The unit contains no known mineralisation and is not considered prospective in the current exploration programme.

7.9.4. Geochemistry

There has been no geochemical work undertaken in the Tullah Area since the inception of the Joint Venture.

7.9.5. Geophysics

There has been no geophysical work undertaken in the Tullah Area since the inception of the Joint Venture.

Previous surveys include a dipole-dipole survey over the Tullah Grid (the northern extension of the Sterling Valley Grid) by McPhar in 1961. Other geophysical surveys around the Mine Leases of E.Z. have not yet been compiled onto the new standard format sheets.