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5. EXPLORATION PHILOSOPHY

The primary objective of the Joint Venture has been to explore for massive base metal sulphide orebodies within the Cambrian Mt. Read Volcanics. Tin mineralisation within the sediments of the Natone area is of significant secondary importance and the possibility of tin mineralisation within the Farrell Slates (Tullah sub-area) cannot be discarded.

The programme proposed for the Joint Venture up to the end of June, 1979, consisted of the following:

5.1. Assessment of Previously Explored Areas5.1.1. Cutty Sark Area:

Programmes commenced prior to the Joint Venture were to be completed. Work involved additional geophysics (I.P. and magnetics) soil geochemistry and geological mapping. As no suitable targets were located the diamond drilling programme has not been carried out.

5.1.2. White Spur Area:

Previous soil sampling and geological mapping has defined a geochemically anomalous sedimentary horizon considered to be equivalent to the Rosebery Host Rock horizon. The programme allowed for completion of geological mapping in the Jones Creek area and coverage with gradient array I.P. diamond drilling of targets to be undertaken as soon as possible.

5.2. Reconnaissance Grid Assessment of Previously Unexplored Areas5.2.1. Farm Creek

Coverage of 1km north-south spaced grid lines with geophysics (magnetics and I.P.), soil geochemistry and geological mapping.

5.2.2. Pieman

Coverage with reconnaissance grid lines with geophysics (magnetics and I.P.), soil geochemistry, and geological mapping. Anomaly follow-up and diamond drilling of targets to be undertaken, if necessary.