

Gold values were all less than 0.05 ppm Au. No anomalous Sn, As, Bi results were recorded. Anomalous W values were recorded at the northern edge of the area around 100 E. Extensions to three lines in this area failed to find extensions to this anomaly.

Rock chip sampling of volcanics indicated low gold values, all less than 0.05 ppm Au, Sn less than 10 ppm and W up to 120 ppm from a background of 10 ppm W.

Lorinna East (4239/1) Aeromagnetic Anomaly

This bullseye anomaly is located approximately 2 km south of Lorinna on the east side of the Forth River.

Three north-south lines (1000 m, 800 m, 600 m) and two east-west lines (780 m, 660 m) were cut over the anomaly.

Precambrian quartzitic shists are unconformably overlain by Ordovician Moina Sandstone and both(?) are intruded by the Dove Granite. No contacts are seen. Tertiary basalt covers these units and forms the top of a rounded hill. (Refer plan D/MZ01/070).

Ground magnetic traverses along the grid line indicates a roughly circular anomaly centred at 00 E/00 N over the top of the basalt hill. Magnetic susceptibilities range up to 1000×10^{-6} cgs units in the basalts, with an average in the order of $(100 - 200) \times 10^{-6}$ cgs units. It was thought the basalt did not explain the magnetic anomaly. (Refer plans D/MZ01/062, 106, 63, 64).

A percussion drill hole was drilled by Shell to 200 m at 00 N/00 E on the grid. (Refer Appendix 8).

<u>From</u>	<u>To</u>	<u>Lithology</u>
0.00m	58.00m	Tertiary basalt.
58.00	80.00	Tertiary clays.
80.00	200.00	Precambrian schists with minor granitic veining.