

anomalous with values to 4.8% lead, 3.2% zinc and 48 g/t silver, and the eastern zone, moderately anomalous with assays to 1.75% lead, 0.97% zinc and 85 g/t silver. Strong nebulous geochemical anomalies were outlined on the Black Jacks grid with the major zone of dimensions 800 by 200 meters assaying up to 11.5% lead, 2.5% zinc and 75 g/t silver. The anomaly lies adjacent to a major northeast trending fault zone. Limited sampling on the Bannockburn prospect has outlined an anomalous zone 800 by 200 meters with assays to 0.96% lead, 0.8% zinc and 5 g/t silver. Several anomalous tin values (up to 55ppm) occur in an area where magnetic interference made gridding difficult. The zone remains open to the west and will be closed off with further sampling.

A gravity survey conducted at Mariposa prospect outlined a 1.5 milligal gravity response with a superimposed 1.0 milligal response on its western flank. The latter anomaly is semi coincident with the Mariposa line of workings as well as highly anomalous bedrock geochemistry to 4.8% lead, 3.2% zinc and 48 g/t silver.

Results were received from an airborne magnetic survey conducted in conjunction with a Tasmanian Mines Department survey late 1981. A number of anomalies require ground follow up.

Geoterrex is presently surveying the Mariposa prospect using a transient electromagnetic (Geonics EM-37) system to define the known mineralized zone and delineate further conductors. Results of the survey will be submitted in the next Progress report.

Further gridding and sampling programs will be conducted on 400 meter spaced lines traversing the prospective Gordon Limestone sequence. Detailed geologic mapping will continue on the Mariposa, Black Jacks and Bannockburn prospects.

Anomalous trends observed on the Mariposa and Black Jacks prospects are to be costeamed, mapped and sampled.