

picture of the top of bedrock geochemistry results computer contoured.

One anomalous tin sample of 439 ppm was obtained near old workings and will require further investigation.

Assay results are awaited for 139 bombardier/Jackro auger samples drilled on the Black Jacks prospect.

#### Road Side Sampling

Sixteen composite five meter channel samples were taken from road cuttings along a 4.5 kilometer stretch of the Zeehan Highway, commencing three kilometers south of the Zeehan turnoff. The samples averaged 265 ppm lead and 46 ppm zinc, ranging up to 2600 ppm lead and 290 ppm zinc indicating further anomalous zones require field checking. Copper values were anomalously high in 50% of the samples, possibly relating to contamination by passing Mount Lyell Mining and Railway Co. ore trucks travelling to Melba Flats railhead. *Part of Pb anomaly may be due to contamination too!*

#### Geophysics

Gravity surveying was commenced on the Mariposa prospect during mid February using a La Coste Lomborg Gravity meter. Readings were taken at 50 meter intervals along grid lines. The meter became defective during the program and was replaced by a Sodin. The current program is estimated to be completed by mid April and contoured results will be available shortly afterwards.

The detailed gravity survey was implemented on the basis that anomalies observed both at the Oceana and Mariposa mines were coincident with drilled mineralization. However, the Mariposa prospect was resurveyed as the 1950 BMR survey was considered to be too rough and limited in areal extent to use as a guide for drilling.

Geoex was contracted to fly an airborne magnetometer survey over