

oxide coated stream pebbles with analysis by hydroxylamine leach was completed over the Mt. Sale area. Results were not available at the end of June, but the following comments are warranted:

- a) Only a limited number of actual pebble samples were collected due to the absence of visible coatings on most stream pebbles, and thus
- b) The majority of samples collected were bulk stream sediments from which the +80 mesh fraction was selected for analysis for the oxide coatings.

ii) Soil Sampling:

Marshall suggests that auger sampling should continue on detailed soil grids with 'B horizon' soils being sampled. However, for regional soil sampling and for areas where 'B horizon' is not developed, Marshall recommends sampling of surface litter, A<sub>0</sub> or A<sub>1</sub> horizons depending on which is the more prevalent. Litter samples have been collected over many of the follow-up grids on the Mt. Sale area but no results were available at the end of June, 1979.

Further assessment of suggestions by Marshall will continue during 1979/80.

6.5. Geophysics

Aerial E.M. Techniques

Scintrex in 1972 flew a Turair survey over the mine leases. Part of this survey overflowed the eastern boundary of the leases onto EL 1/62. The data has been compiled onto 1:10,000 plans.

Geoterrex in 1975 flew an Input E.M. Survey for Comstaff which was extended over E.Z.'s mine leases and part of EL 1/62. The data has also been compiled onto 1:10,000 plans.

Ground Geophysics

Many I.P. surveys have been conducted over various grids on the Rosebery Mine Leases, in the Tullah area, at White Spur and the Hercules area. Mc Phar and Scintrex were the main contractors.