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Airborne electromagnetic data was recorded during the aeromagnetic survey of the Lewis River Volcanics and approximately 60% of the original E.L. 13/65 was flown. Taylor (1966) considers that 'the vast majority of the E.M. anomalies recorded on the flight tapes and maps are terrain clearance anomalies'. Considering the flat terrain in the Lewis River area this assumption is probably not applicable.

An airborne scintillometer survey was also apparently carried out in conjunction with this electromagnetic - magnetic survey however no results have been reported and it is presumed that no anomalies were recorded.

Detailed ground follow up by L.E.E. was concentrated on the A.E.M. anomalies utilizing magnetic, E.M., gravity, I.P., AFMAG, geological mapping and geochemical techniques. No ground geophysics or geological investigations were however carried out on the magnetic anomalies of the Lewis River Volcanics.

L.E.E. investigated Penders Prospect (Voyager 1) and considered it to be uneconomic due to the low grade, apparent lack of extension and isolated geographical position. Further work on this prospect was recommended depending upon the results of the airborne E.M. survey. This survey, flown during 1958, did not record an anomaly over the prospect and all future work was abandoned.

The Drake Creek prospect (Voyager 3) was studied and further work recommendations were made pending the airborne E.M. survey. No E.M. anomaly was recorded and apparently on this basis, the prospect was eliminated.