

Initial investigation of the Dundas area by Geophoto was an examination and sampling of all known workings and dumps (Rattigan, 1968). This investigation showed many of the Dundas lead/zinc deposits had significant silver contents. Further work was initiated on seven prospect areas :-

- .. West Comet - Hassett Gravel Pit, Razorback, West Comet, Platt and Bonanza Grids
- .. Comet - North Comet and Comet-Kosminsky Grids
- .. Kosminsky-South Comet - Comet-Kosminsky, East South Comet, East South Comet, Mariposa and Mt. Dundas Grids
- .. Kosminsky Hill West - part of Comet and Platt Grids
- .. Kosminsky Hill East - Ainslie and part of Comet-Kosminsky Grids
- .. Adelaide - Adelaide and Red Lead Grids
- .. Carbine - Carbine East and Carbine West Grids.

**West Comet Prospect.** Targets in the West Comet prospect were West Comet type lead/zinc lodes and nickel/chromium mineralisation within serpentinite (Rattigan & Paterson, 1969). Detailed geology over 118,300 feet of grid lines was compiled. Soil and rock sampling was completed as follows :-

- (a) Hassett Gravel Pit grid - 728 soil samples were analysed for Cu, Pb, Zn, Ni, Co, Ag and Cr and of these 443 were analysed for Pt (Appendix XIII).
- (b) Razorback Grid - 309 samples from lines 6N, 8N, 10N and 12N were analysed for Cu, Pb, Zn, Ni and Ag (Appendix XIV).
- (c) West Comet Grid - 317 rock and soil samples from a traverse between 6E/13.5S and 10W/8.0S were analysed for Cu, Pb, Zn, Ni, Co, Ag and Cr with some analysed for Pt, Sn and As.  
150 rock and soil samples from a traverse between 2E/20.0S and 10W/13.45 were analysed for Cu, Pb, Zn, Ni, Co, Ag and Cr.  
50 rock and soil samples from Broken Hill line