

detailed exploration (Cuni, Nevada, Climie and Howards Road). Although most of the streams have been sediment sampled by CSR, many of the old samples have unreliable results due to the analysis technique. Also only a few of the drainages have been checked for heavy mineral content.

Work Completed in 1982. In mid-1982 the main drainages throughout the Licence were pan concentrate sampled. Forty heavy mineral samples were obtained and are being examined by binocular microscope. These samples will be chemically analysed when the petrographic examination has been completed.

During the heavy mineral sampling of the main drainage systems, the remaining unsampled minor drainages were sediment sampled. 296 samples were obtained, sieved to -20 mesh and analysed for Sn, Cu, Zn, Ag, Au, Pb, Ni, Co, Cr, Mn and Fe.

Chemical analyses are tabulated in Appendix VIII and sample locations are shown on DRG No. K555-6 and K555-7.

Results. Apart from isolated samples all the anomalous tin values were from drainages off the Razorback/Grand Prize line of mineralisation and from beyond the northern boundary of the Licence. The highest values (up to 1100 ppm) were from the Razorback area. Most of the 23 anomalous gold values (up to 450 ppb) were generally isolated samples and require no further investigation.

Anomalous copper and nickel values were concentrated in the Cuni area. The highest stream sediment values was 0.22% Cu, although one rock sample assayed at 10.2% Cu and 6.4% Ni. These samples came from the known Cuni mineralisation. Outside the Cuni area isolated anomalous Cu and Ni values occurred. These were only in the order of 100 ppm.