

acid digestion and tin by XRF.

Rockchip samples were analyzed for an additional twelve elements, tungsten, arsenic, antimony and barium by XRF and gold, nickel, cobalt, bismuth, molybdenum, vanadium, cadmium and manganese by AAS. Check assays on every twentieth sample were carried out by Amdel in Adelaide.

Rockchip Geochemistry

Black Jacks:

Five composite rockchip samples taken from the Black Jacks prospect comprised predominantly pisolitic ironstone (locations are shown on Enclosure 1 with rock types and assay results summarized in Table 1). Assay results were low with maximum basemetal values of 640 ppm zinc, 60 ppm lead, 16 ppm copper and <1 ppm silver.

Mariposa:

A total of 19 composite rockchip samples were taken from outcropping ferruginous clays, ironstones, galena mineralized quartzites and siliceous limestones and dump material (locations are shown on Enclosure 4 with rock types and assay results summarized in Table 2).

Dump material assayed up to 1.30% copper, 26.5% lead, 40.0% zinc and 150 g/t silver (Sample 1). Ferruginous clays outcropping in the same stratigraphic horizon but up to 400 meters south of the Mariposa mine were sampled and assays ranged up to 0.33% lead, 0.38% zinc and 10 ppm silver. An ironstone (Sample 5) with associated minor workings also proved highly anomalous, ranging up to 2.2% lead, 2.55% zinc and 30 g/t silver.

Values for vein association minerals, bismuth, molybdenum, vanadium, gold, tungsten and tin were generally below detection limits or of background order only.