KEWANEE AUSTRALIA PTY. LTD.

FINAL REPORT

EXPLORATION LICENSE 372, MT. STRZELECKI

1970 - 1974
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Exploration work in 1970 consisted of construction and interpretation of stereo mosaics and BMR maps in an effort to delineate prospective areas of mineralization. Three such areas were selected which warranted further work.

Access tracks were required to move the field camp into the area and these tracks were built in early 1971. The area near Prospect A was reconnoitered. Soil and stream sediment samples were collected. In addition, a large regional grid was laid out at Prospect A as shown in Figure 1. Prospect A is located at the intersection of latitude 20° 57' 50" and longitude 133° 45' 10". Air trac samples were taken approximately every 400' on the grid to a depth of 24'. Samples were assayed for copper, zinc, lead, lithium, beryllium, manganese, tin and molybdenum, and the results plotted to determine anomalous situations. Results of this work have been submitted with previous reports.

On the basis of data from the regional grid, two air trac holes were drilled to 72' and three additional holes were drilled to depths ranging from 108' to 168'. The results of the deeper holes were similar to the shallow holes in that the values of metal content varied with depth to a great degree. Thus, what appeared to be an anomalous situation at the surface did not extend to depth.

The limited regional geologic work done in this area at this point did not permit selection of other prospects. Therefore, little additional work was accomplished until 1973 when the area was reconnoitered on a regional basis in connection with the adjoining areas held by the Company, EL 803 and EL 804. The results of this regional mapping is enclosed with this report as Figure 2. The same information is also shown, and tied into the adjoining area, on Figure 2 of the Annual Report for EL 804, which was submitted in late 1973. It is felt that this geologic information adds to the general knowledge of the area. Geologic limits on these regional maps were defined with the aid of the air trac in many cases.
During the course of the 1973 regional geologic work, malachite staining was located along a small shear zone with an outcrop of dolerite. A total of six angle holes were drilled to investigate the staining along a strike length of 800'. All holes with the exception of hole No. 3 intersected trace mineralization at depth. Hole No. 7 was drilled over another occurrence within the area and intersected trace mineralization at depth. The attached Mt. Strzelecki Prospect B location plan, Figure 3, contains the location of the holes as well as the assay results. The shear zone remains open at both ends. This prospect is located at the intersection of latitude 21° 5' 20" and longitude 133° 51' 4".

This was the last field work done in this area.