FINAL REPORT EL1865
SUMMARY OF ACTIVITIES

L. A. JOHANSEN
1979
EXPLORATION LICENCE 1865

SUMMARY

During the six months duration of the EL 1865 a total of thirty days was spent in the field, and all of the major outcrops in the area were checked for possible mineral content.

The EL area itself comprised about 50% of the Bonya Hills locality, an area of metamorphic rocks and pegmatite intrusions, which in this section (EL 1865), are in fairly orderly sequences.

The minerals of economic interest found in the area are copper and scheelite. The copper mineralisation occurring typically in joints or tight localised folding, and the scheelite in association with skarn rocks and calc-silicate gneisses.

The pegmatites are extensive, occurring through most of the area, but with little or no mineral content, (with the exception of a couple of beryl outcrops).

Total expenditure on the area was $2,012.20, made up of 230 hours prospecting (1840.00) and 574 miles vehicle use (172.20)

L.A. Johanssen
EXPLORATION LICENCE 1865

SECOND QUARTER REPORT

During the period from Jan. 1st to April 1st, 1979, the EL area was prospected mainly by myself, but with the occasional assistance in the field of some aboriginals.

Though a number of mineralised areas were found none could be deemed economic because of both the small size of the deposits and the weakness of grades. (As has been noted by others, the area has a considerable number of small copper deposits and traces of scheelite in most of the calc-silicate formations.) We found just this.

Some pegmatite formations were examined and panning done in creeks in the area for cassiterite without success.

A total of 18 days (about 146 hours) was spent prospecting (@ say $8.00 per hour = $1168.00) with one vehicle for 310 miles (@30c per mile = 93.00) making a total of $1261.00.

L.A. Johannsen
EXPLORATION LICENCE 1865 (BONYA HILLS)

QUARTERLY REPORT FOR THE PERIOD ENDED 2/1/79

During this period a number of excursions have been made into the area by myself, prospecting tungsten bearing calc-silicate horizons and some interesting pegmatite areas. As is typical of this locality, some minor occurrences of scheelite have been noted in lenses of calc-silicate hornfels within the schist zones that are a prominent part of the Bonya Hills structure. None of these occurrences are of a size or grade that could be thought of as economic.

To date I have not been able to locate any traces of cassiterite, though by mineral association I believe the area to be prospective for this mineral.

Expenditure on the project for this period was as follows:
84 hours over a period of 12 days of my own time @ say $8.00 per hour $672.00
plus a total of 264 miles vehicle use @ 30c per mile $79.20
Total expenditure $751.20

L.A. Johannsen