EXPLORATION LICENCE 4923
RELINQUISHMENT REPORT
YEAR THREE

for

JOHN WALTON HOLDINGS PTY LTD

by

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of

EUPENE EXPLORATION ENTERPRISES PTY LTD

DARWIN SD52-4
Bynoe 5072
PINE CREEK SD52-8
Reynolds River 5071

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FIGURES

1. Location Map for EL 4923
1. INTRODUCTION

Work undertaken during Year Three on the area relinquished did not reveal any potential tin or tantalum deposits.

In light of the poor results, the majority of the licence was relinquished.
2. TENURE

Exploration Licence 4923 lies approximately 110km southwest of Darwin via the Stuart Highway, Mandorah Road and Litchfield Park Road.

The licence was granted to John Walton Holdings Pty Ltd on the 20th October 1986 for a six year period.

For Year Three the licence was reduced to 27 blocks and subdivided into two areas; A and B. The licence has now been reduced to two blocks and this report covers the work completed on the 25 blocks relinquished at the beginning of Year Four (Figure 1).
3. GEOLOGY

The regional geology of the licence area is covered by the BYNOE 1:100 000 Explanatory Note Series (Pietsch, 1986) and the REYNOLDS RIVER 1:25 000 Compilation Sheet Series, both of which are produced by the NT Geological Survey, Department of Mines & Energy.

Specifically, the licence covers the eastern edge of the Two Sisters Granite batholith and the contact zone with the Early Proterozoic Burrell Creek Formation.

The contact aureal with the Burrell Creek Formation is well known for its pegmatite outcrops. Numerous quartz veins and zoned pegmatites have been mapped by the NT Geological Survey (Pietsch, 1986).

The general strike of the veins and pegmatites is 045 degrees (grid) in the licence area. They outcrop sporadically throughout the licence, commonly marked by cream to green weathered feldspar and grey coarse mica. The contact between granite and metamorphosed pelites of the Burrell Creek Formation is covered by surface sediment. However, from NT Geological Survey drilling it can be placed approximately along the course of Burton Creek some two to three kilometres east and parallel to the distinct Burrell Creek Formation plateau marked by Mount Farrington, Mount Marie and the 146 Feature.

In the northern portion of the licence on BYNOE, the contact is marked by a fault which runs generally northeast to southwest, south of Porters Creek.
4. WORK COMPLETED

After reviewing the past two year’s results, a detailed reconnaissance of the licence was undertaken to check all known quartz vein and pegmatite outcrops, and to ensure no veins or pegmatite have been missed.

No new outcrops were identified, and subsequently it was decided to drop the majority of the licence.
5. REFERENCES