OTTER GOLD NL

TITLE: ANNUAL REPORT FOR EXPLORATION LICENCE 9602
PERIOD: 23 OCTOBER 1996 TO 22 OCTOBER 1997
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LOCATION: TANAMI 1:250,000 SE 52-15
COMMODITY: GOLD
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SUMMARY

Exploration Licence 9602 was granted to Otter Gold NL on 23 October 1996, for a period of six years.

Delays experienced arranging and conducting sacred site clearances have prevented any on-ground exploration of this licence in the first year of its term.

Clearance procedures have now been completed and it is proposed that fieldwork will commence with the start of the 1998 field season, as outlined in the original licence application

Total expenditure on EL 9602 for the year 23 October 1996 to 22 October 1997 was $2,922.
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1. INTRODUCTION

Otter Gold NL (Otter) has recently targeted the interpreted northerly continuation of the Tanami Complex, beyond the Central Desert Joint Venture tenements centred on the Tanami mine site. EL 9602 was among four licence applications in the Talbot Wells area, together with EL 9569, EL(A) 9250 and EL(A) 9479.

This report documents the progress made on this tenement during the first year of term and outlines the proposed work programme for 1997/98.

2. LOCATION AND LEASING

Exploration Licence 9602 was granted to Otter Gold NL on 23 October 1996, for a period of six years. The tenement comprises 24 blocks covering an area of 68km² that is located near the Lajamanu-Tanami Road in the southeastern corner of the Supplejack Pastoral Lease (Figure 1).

EL 9602 was granted at the same time as EL 9569, but two applications (9250 & 9479) were rejected by traditional landowners and have entered a five year moratorium period.

3. GEOLOGY

Regional assessments of the Granites-Tanami region have long recognised the continuation of Lower Proterozoic Tanami Complex rocks extending in a broad arc around the eastern margin of the Coomarie Dome (Blake et al., 1979). This trend is clearly evident in imagery of aeromagnetic data over these relatively magnetic rocks. The apparent continuation of the Tanami/Black Hills stratigraphy to the Supplejack area to the north only differs in a transition of felsic rocks from intrusive to extrusive.

Recent exploration success by Otter at the Crusade Prospect some 100km north-northeast of the Tanami mine has confirmed the prospectivity of this stratigraphy and there is considerable optimism concerning the potential of the relatively new applications.

EL 9602 occupies an area of relatively subdued magnetic response between Black Hills and Supplejack where faulting and/or younger cover rocks have disrupted the magnetic response and continuity of the sequence. Antrim Plateau Volcanics are know to outcrop over much of the area within EL 9602 (Figure 2), but the presence of apparently stratigraphic magnetic units within the area suggest that the cover may not be too deep for effective exploration.


Delays associated with arranging and conducting sacred site clearances within the area of EL 9602 means that, to date, no fieldwork has been conducted on this tenement. Clearance procedures have now been completed and exploration is expected to commence in earnest with the start of the 1998 field season.

5. EXPENDITURE

Because of the delays associated with starting the work, there has been only limited expenditure on EL 9602 (Table 1). An application to vary the expenditure commitment was lodged in September 1997.
Total expenditure on the tenements from 23 October 1996 to 22 October 1997 was $2,922.

**TABLE 1: EL 9602 – EXPENDITURE 23 OCTOBER 1996 TO 22 OCTOBER 1997**

<table>
<thead>
<tr>
<th>EXPENDITURE CATEGORY</th>
<th>EXPENDITURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geological Interpretation &amp; Compilation</td>
<td>$2,484</td>
</tr>
<tr>
<td>Administration</td>
<td>$438</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$2,922</strong></td>
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</tbody>
</table>

6. **PROPOSED 1997/98 WORK PROGRAMME AND EXPENDITURE**

With the completion of the sacred site clearance programme the work programme as originally advised can proceed with the commencement of the 1998 field season.

The proposed programme and budget is presented in Table 2.

**TABLE 2: EL 9602 – PROPOSED EXPENDITURE 1997/98**

<table>
<thead>
<tr>
<th>EXPENDITURE CATEGORY</th>
<th>PROPOSED EXPENDITURE</th>
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</thead>
<tbody>
<tr>
<td>Data Acquisition and compilation</td>
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<td>Low level aeromagnetic survey</td>
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<tr>
<td>Analytical</td>
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<tr>
<td>Initial RAB drilling</td>
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<tr>
<td>Administration</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$18,100</strong></td>
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7. REFERENCES