QUARTERLY REPORT
APRIL 1 - JUNE 30, 1972
E.L. 12
NORTHERN TERRITORY

OPEN FILE

FOR
AIR NAVIGATORS PTY. LIMITED

AND
PANCONTINENTAL MINING LIMITED

JULY 17, 1972

SYDNEY, N.S.W.
1.0 INTRODUCTION

The wet programme on E.L. 12 was completed early in April. Interpretation of the results obtained from the 1972/72 wet programme continued during the period.

Extensive planning was done for the next phase of exploration during the dry season from June until December, 1972. A proposal for this programme was submitted to the Mines Department for approval on May 8, 1972 and the programme commenced when verbal approval was obtained from the Mines Department early in June.

2.0 DRY PROGRAMME PLANNING

Preparations for the dry programme continued through the period and Trayan Drilling Co. Pty. Limited, a subsidiary of Associated Portland Cement Manufacturers, have been selected for this year's drilling programmes. A contract is currently being negotiated with this company.

A down hole radiometric logging contract has been awarded to Geoscience Incorporated and it is expected that a contract will be approved early in the next period.

Moving of the camp facilities from Mudginberri to the new site at Ja Ja and the grid establishment and survey work commenced during June.

3.0 CAMP LOCATION

The wet programme camp which was based at Mudginberri Station was moved to the new camp site at Ja Ja billabong on E.L. 12 during the period June 1 - 16, 1972. The camp
facilities have been expanded in order to provide additional accommodation and facilities for a larger programme during the dry season. The camp now consists of a core storage building, and five caravans with sleeping, messing and office facilities.

A suitable generator and water storage system have been installed at the camp.

Three Toyotas are available for transportation and the soft track all-terrain vehicles will be utilised on a limited basis only where required.

This camp at Ja Ja will be utilised as a base for exploration on both E.L. 12 and E.L. 13.

4.0 PERSONNEL AND VISITORS ON SITE

Pancontinental Mining Limited has acquired several geologists, geophysical technicians and a mining engineer in order to provide an in-house technical capability and with the exception of specific contract work future exploration on the property will be carried out by Pancontinental's own staff.

Mr. Walker of the A.A.E.C. visited the camp site on May 19. Mr. L.C. Noakes, Assistant Director of the Bureau of Mineral Resources and his party visited the site on June 20. Mr. M. Upton of the Department of Entomology of the C.S.I.R.O. visited the site on June 16. Mr. J. Shields and Mr. G. Chaloupka of the Department of Mines examined the exploration licences during the end of May.
5.0  CONTROL GRIDS AND GROUND SURVEYS

All future work on E.L. 12 will be done utilising the metric system. On June 16, grid establishment crews commenced work on the control grids which will be utilised for the reconnaissance and the detailed drilling programmes during this year's dry programme. These grids are being established by hand in order to minimise the effect on the environment.

A ground spectrometer survey is being carried out over all grids established.

The grid establishment and survey work will continue into the next period. Results will not be available from the survey work until later in the season.

6.0  DRILLING

6.1  AUGER DRILLING

The auger drilling programme for the wet season was completed during the previous period and no further auger drilling was done between April 1 and June 30, 1972.

6.2  DIAMOND DRILLING

D.D.H. 19 was started on March 29 at 8+00W, 2+00N on the 7e grid and was completed on April 5th. This hole completed the drilling phase planned for the wet season and the contract with Associated Diamond Drillers has been terminated. Associated Diamond Drillers have now moved camp facilities, drills and ancillary equipment from the 7e drill site.
Reconnaissance and detailed percussion and diamond drilling which is planned for the 1972 dry programme is expected to commence during the latter part of July after negotiations with the drilling and logging contractors have been completed.

7.0 FUTURE WORK

Evaluation of the drilling and survey results during the 1972/72 wet season programme is currently in progress in the Sydney office. A report summarising these results should be available during the next period.

The dry season exploration programme which commenced early in June will continue through the next period. Reconnaissance and detailed drilling in selected areas is expected to commence during the next period late in July.

8.0 EXPENDITURE DURING THE PERIOD

The exploration expenditure on E.L. 12 during the period April 1 - June 30, 1972 was as follows:

<table>
<thead>
<tr>
<th>Month</th>
<th>Amount</th>
</tr>
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<tbody>
<tr>
<td>April</td>
<td>$15,290.25</td>
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<tr>
<td>May</td>
<td>$8,358.75</td>
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<td>June</td>
<td>$35,561.25</td>
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<td></td>
<td>$59,210.25</td>
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Respectfully submitted,
Pancontinental Mining Limited,

J. C. Rowntree.