EXPLORATION LICENCE 3259

ANNUAL REPORT

3RD MARCH 1983 - 2ND MARCH 1984

DISTRIBUTION

GEOPEKO - GORDON DARWIN
PETROCARB N.T. DEPT. MINES AND ENERGY

DARWIN N.T.
JUNE 1984

RECEIVED
12 JUN 1984
DEPARTMENT OF MINES & ENERGY
CR84/106
ORGANISATION: GEOPEKO

PROSPECT: MOLYHIL JOINT VENTURE - EXPLORATION

TITLE: ANNUAL REPORT ON EL 3259

3RD MARCH 1983 to 2ND MARCH, 1984

REPORT NUMBER:

AUTHOR 1: ADAMS
INITIALS: R.L.

AUTHOR 2: INITIALS:

IMPRINT: DARWIN JUNE 1984

PAGES: 3

SUBJECTS: EXPN/REP METAL: W, Mo

LOCALITY: JINKA MAP REF NO: SF 53-11

MAP NAME: HUCKITTA

ABSTRACT:

Report on second year of Licence. Work consisted of
review of airborne magnetics and geology. No additional
anomalies requiring follow up were revealed.
CONTENTS

1. INTRODUCTION
2. EXPLORATION PHILOSOPHY
3. WORK UNDERTAKEN
4. CONCLUSION
5. EXPLORATION

FIGURES

EL 3259  Locality Diagram

EL 3259  Tenement description
1. INTRODUCTION

Exploration Licence 3259 was granted to Nicron Resources Ltd. and Petrocarb Exploration N.L. on the 3rd March 1982, and is subject to a Joint Venture agreement between Peko-Wallsend Operations Limited and Petrocarb Exploration N.L. Geopeko have been operators and managers of the Joint Venture.

The Licence area is located on the Mt Riddock and Jinka stations, approximately 230 kilometres east-north-east of Alice Springs.

2. EXPLORATION PHILOSOPHY

Exploration has been focused on the search for Molyhil-type scheelite-molybdenite bearing skarn mineralization. The primary exploration tool being used is aeromagnetics because of the close association of mineralization with magnetite bearing skarn.

3. WORK UNDERTAKEN

A complete review of the previously compiled aeromagnetic data has been carried out in an attempt to determine whether the original interpretation missed any significant anomalies or whether minor anomalies were of interest.

No magnetic features requiring field follow up were recognized however the geological attraction of the Delny-Sainthill Fault zone remains and could host further mineralization of a deep seated source.
4. CONCLUSION

No magnetic targets were defined that required further exploration but the geology of the area remains of interest for deep seated deposits.

5. EXPENDITURE

Exploration Licence 3257 forms part of the tenure of the Molyhil Exploration Joint Venture and has been included within a regional exploration programme. Expenditure on the tenement is calculated as a proportion of the total Joint Venture exploration expenditure.

Using this formula the expenditure on the licence is calculated to have been approx. $1,000 for the period under review.