

NOBELEX N.L.

ANNUAL EXPLORATION REPORT

EXPLORATION LICENCE 471 - ARGO SOUTH

TENNANT CREEK, NORTHERN TERRITORY

for the year ending

22nd August, 1973

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Prepared for NOBELEX N.L.

By AUSTRALIAN DEVELOPMENT LIMITED

Managing Agents for NOBELEX N.L.

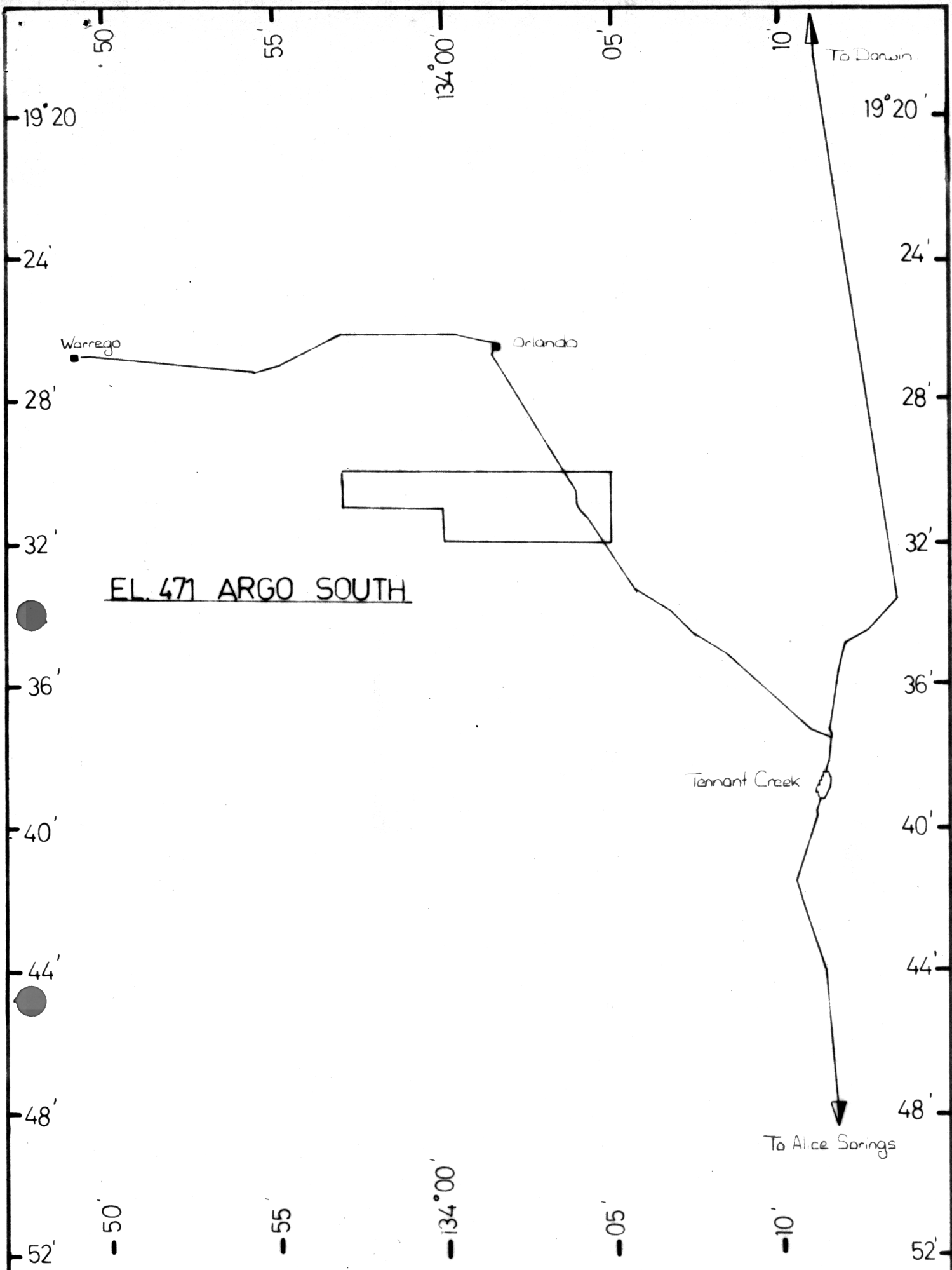


FIG.1 LOCALITY MAP:- EL.471 ARGO SOUTH

SCALE 1:250,000

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SECTION 1.

ANNUAL EXPLORATION REPORT.

1. INTRODUCTION

Exploration Licence 471 covers an area of 16 square miles and is located 12 miles northwest of Tennant Creek.

Exploration work during the period consisted of a complete coverage of the area by low level airborne magnetometry with subsequent evaluation.

Due to delays occasioned by the lack of performance of the geophysical contractor, coupled with adverse weather conditions and intermittent magnetic storm activity, the proposed exploration programme for the period could not be completed.

2. EXPLORATION

2.1 Airborne Geophysical Survey

A low level airborne geophysical survey was completed over the E.L. during the period.

The results of this survey were not received until 21st July, 1973, and the subsequent time available has permitted only evaluation and anomaly selection to be completed to date.

Survey flown at a height of 300 feet MTC, and a flight mean line spacing of  $\frac{1}{8}$  mile. Data was collected with a proton magnetometer.

2.2 Magnetic Anomaly A1

Location - Access

Latitude  $19^{\circ} 29.83'S$ .

Longitude  $134^{\circ} 04.38' E$ .

It should be noted that this anomaly is close to the boundary between E.L. 471 and E.L. 472, the northern boundary of E.L. 471 being  $19^{\circ} 30'$  South. The anomaly extends into both E.L.'s.

Access is by road approximately 12 miles along the sealed Warrego Road, just past a creek crossing and before a bend in the road ( $134^{\circ} 04.03'E$ ,  $19^{\circ} 30.4'S$ ), where a track leads off to the north at a bearing of  $30^{\circ}T$  and a distance of 7.5 miles to the centre of the anomaly area.

SECTION 2.

TECHNICAL DATA.

1.

Airborne Geophysical Survey

Fig. 2.

Total Aeromagnetic Intensity Contours Plan.

E.L. 471 Argo South (see Pocket).

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