

ANNUAL REPORT  
FOR THE PERIOD ENDED DECEMBER 1987

MLC555  
CURLEW PROSPECT  
TENNANT CREEK  
NORTHERN TERRITORY

TOPEND RESOURCES NL  
GPO BOX T1725  
PERTH W.A.

c.c. J.D. Carter  
J. Pearson

1. INTRODUCTION

The area comprising MLC555 is located 8.5 kilometres west of the abandoned Ivanhoe mine and approximately 25 kilometers north west of Tennant Creek. This lease contains outcropping quartz hematite ironstone in a prominent exposure of Warramunga Group sediments. No gold production is reported from this lease area.

2. LOCATION/ACCESS/TITLE

MLC555 is accessible by the Tennant Creek - Warrego paved road then south via the abandoned Ivanhoe mine access road. A graded dirt track leads to the prospect by heading west-north-west from Ivanhoe for 5.5 kilometres.

The lease covers three hectares and was granted to J.D. Carter on 5th December 1961 and will expire on 31st December 2002. The tenement is subject to an agreement between the company and J.D. Carter.

3. GEOLOGY

The Curlew area lies on the northern edge of a granite porphyry intrusive body with intruded Warramunga Group sediments. The prominent Mary Lane/Mary Anne shear zone striking 105° to 110° is interpreted to extend west of Ivanhoe to Red Bluff crossing the Curlew area, and is probably related to the igneous intrusive event.

Outcropping pods of quartz-hematite occur in the lease area, although their origin and spatial relationship to the shear is not known.

The BMR regional airborne magnetic contour map has defined a broad magnetic gradient parallel to the structural feature known as the Mary Lane Shear and it can be assumed that buried ironstone bodies occur along this structure.

4. PLANNED EXPLORATION

It is planned to carry out detailed ground magnetometer surveys over the lease area with the aim of identifying potential ironstone bodies for drill testing. In addition rock chip sampling and bulk soil sampling is planned for outcropping ironstone bodies.

