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## **No. 9534**

**EL 2481**

**CULTANA**

**SURRENDER REPORT FOR THE PERIOD ENDING  
3/8/99**

Submitted by

**Craton Resources NL**  
**1999**

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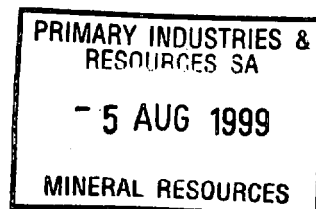
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## SURRENDER REPORT SUNSET HILL - EL 2481

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# **SURRENDER REPORT SUNSET HILL EL 2481**

## **INTRODUCTION**

Exploration Licence EL 2481, Sunset Hill, covers an area of 190 square kilometres and abutts EL 2478, Point Lowly over the Cultana Army Training Area ("CATA") under Commonwealth jurisdiction, refer Figure 1.

### **1 TARGET CONCEPT**

The licence was taken up as a buffer to EL 2478 in which Proterozoic age Cu-Au-U-REE mineralisation is sought in the Hiltaba age Cultana Granite.

### **2 LOCATION AND ACCESS**

The licence lies approximately 20 kilometres south of Port Augusta, just northeast of Whyalla, western abutting the CATA.

Exploration access in the strict sense is denied because of 9B negotiations which have been protracted and were still open ended since original grant on 8 January 1997 at surrender date.

### **3 REGIONAL GEOLOGY**

The licence abutts the Mesoproterozoic Cultana Inlier but is underlain by Neoproterozoic sediments (sandstone and shale units of the Wilpena Group equivalent, i.e. Tent Hill Formation).

### **4 EXPLORATION ACTIVITIES DURING THE TENURE**

Exploration activities during the tenure in conjunction with activities on EL 2478 which together constituted the Cultana Project Area have consisted of a major data compilation exercise integrating available cadastral and previous exploration data into a GIS database within the framework of the PIRSA South Gawler Craton GIS Dataset. Photographic, magnetic and gravity published datasets have been interpreted.

In contrast to adjacent EL 2478, no field work or geochemical sampling has taken place, refer Figure 2.







