

# Technical Reporting

<b>Tenure:</b>	ML 29959
<b>Group Report ID:</b>	N/A
<b>Title:</b>	Technical Report
<b>Report Period:</b>	25/6/17-24/6/18
<b>Project Name:</b>	Sandy Creek Project
<b>Title Holder:</b>	Derek Dixon
<b>Title Operator:</b>	Derek Dixon
<b>Personal Author:</b>	Derek Dixon
<b>Report Type:</b>	Annual
<b>250K Mapsheet/s:</b>	Pine Creek
<b>100K Mapsheet/s:</b>	Pine Creek
<b>Geological Province:</b>	Pine Creek Orogen
<b>Stratigraphic Name:</b>	N/A
<b>Target Commodity:</b>	Gold
<b>Other Commodities:</b>	N/A
<b>Purpose for which Titles are held:</b>	Mining and other activities

## **Title history:**

Title was granted 26/01/1979 as MCN 632 and MCN 633 central to and excised from EL10347 and EL 23431 forming part of the Golden Dyke Group. In June 2013, the claims were converted to become ML29959.

## **Location, physiography and access:**

ML29959 is located approximately 200 kilometres south of Darwin, 8 kilometres east of the Stuart Highway at Hayes Creek and 5 Kilometres from the Grove Hill rail siding and Historic Hotel. Access is through entrance gate (Lat 13.5344460 Lon131.5312820), off the Mount Wells Road, approximately 5 kilometres from Grove Hill. The road is graded and passable except at times of high rainfall when creek crossings are flooded. ML 29959 is located within the borders of Tipperary aggregation of cattle stations. (Tipperary Group).

**Geology Setting:**

The area is within the central region of the Pine Creek Orogen which comprises Palaeo-Mesoproterozoic Orogens. An alternating sequence of psammitic and pelitic rocks with minor carbonate and volcanic rock. Dolerite sills (Zamu Dolerite and equivalents) intruded the sequence prior to deformation and metamorphism. Regional metamorphic grades range from sub-greenschist facies in the Central Region to upper amphibolite facies along the western (Litchfield Province). The Pine Creek Orogen is well known for gold and uranium mineral exploration.

**Exploration/Mining History:**

The area was first mined by the Chinese in the 1800's. Evidence still exists of their enthusiastic and thorough mining activities. Since this time, the area has been extensively explored and mined. Territory Resources held and worked the title, previous to this exploration was conducted by Geopeko in 1985.

**Exploration Rationale:**

Over the years encouraging returns have been reported in this location.

**Work Completed:**

No major disturbance has occurred on this title since transfer to the current holder Derek Dixon from Territory Resources. Activity has since been limited to prospecting, using hand tools and surface detection techniques to a depth of 1 metre.

**Results:**

Surface electronic detection continues to provide reasonable returns.

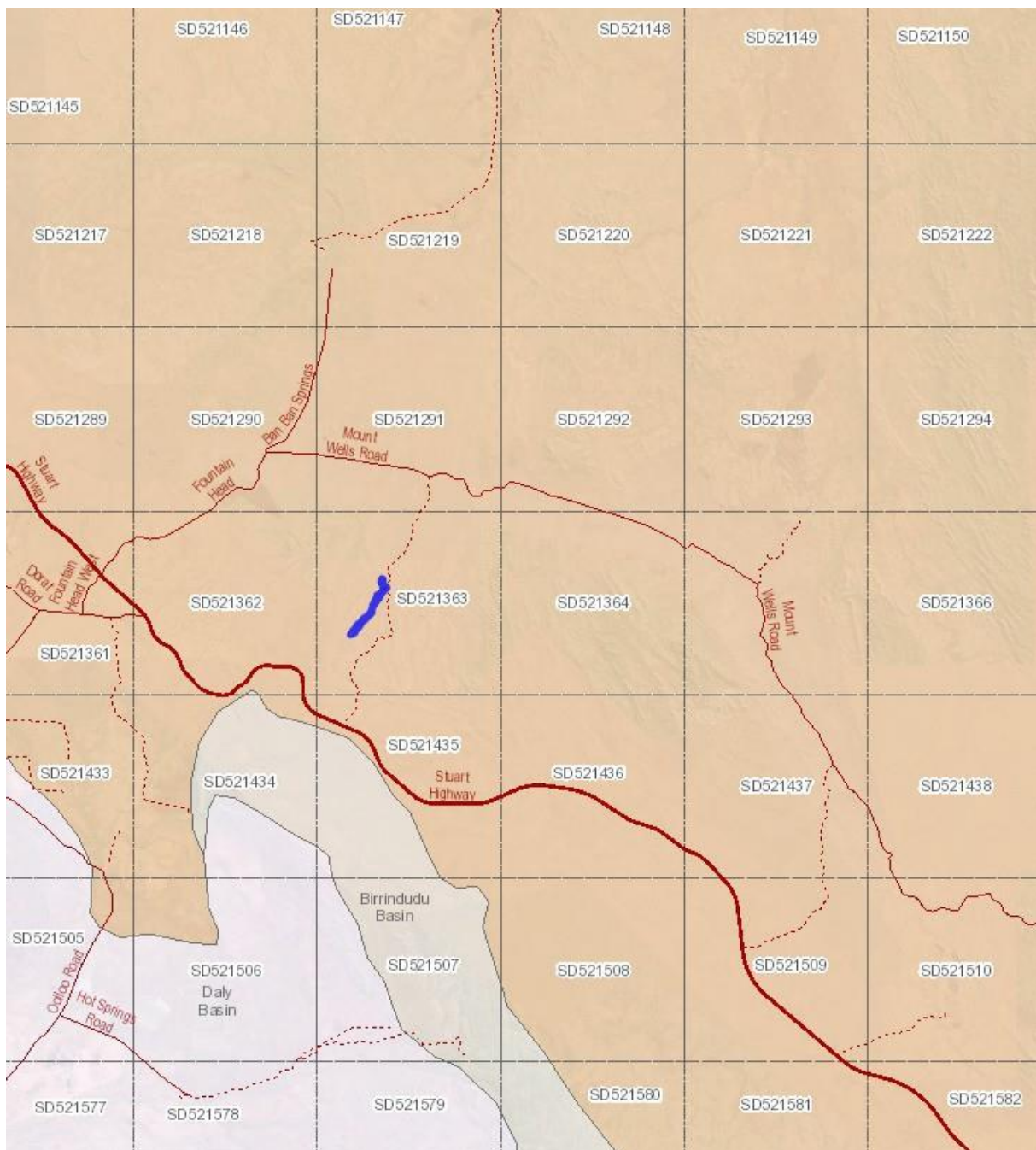
**Conclusions/Recommendations:**

ML 29959 continues to offer reasonable prospecting opportunity. No amendments to Mine Management Plan required during this reporting period.

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## Location Map\_ ML 29959



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