

# Technical Report

<b>Tenure:</b>	ML29795
<b>Group Report ID:</b>	N/A
<b>Report Period:</b>	15/3/2017 - 14/3/2018
<b>Project Name:</b>	Azure
<b>Title Holder:</b>	Robert Singleton
<b>Title Operator:</b>	Robert Singleton
<b>Personal Author:</b>	Robert Singleton
<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>	Tin
<b>Purpose for which Title is held:</b>	Gold Exploration

## **Title History:**

ML29795 was granted to R. Singleton on the 15<sup>th</sup> march 2013 for a period of 5 years. ML29795 covers an area of 19.00 Hectares & is located approx 23km NW of Pine Creek.

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

ML29795 is located approx 180km south of Darwin & approx 23km NNW of Pine Creek Township. Access from Pine Creek is east along Kakadu Highway, North along Frances Creek Rd, North West along Mt Wells Rd & East along Union Extended Rd then bush track to site. Land tenure under the title is part of Mary River West (Pastoral Lease) – NT Portion 1630.

## **Geology Setting:**

The area lies within a neck of metasedimentary which separate two lobes of the Cullen Batholith, & is dominated by Turbiditic shale, Siltstone & Greywacke which is part of the Lower Proterozoic Burrell Creek Formation. The Pine Creek Orogen is well known for Gold & other mineral exploration.

**Exploration/Mining History:**

Exploration in 1985 by the Genat family who worked the area & samples taken of alluvial material then processed, yielded 0.21g/t Gold & Tin was higher in other samples.

**Exploration Rational:**

As the location of the area is close to numerous other alluvial gold deposits I believe that there is a potential for the area to host an economical gold resource.

**Works Completed:**

During the reporting period three (3) field trips were conducted with the purpose to identify priority areas for sampling in the coming year. Three (3) areas of interest have been identified & sampling will take place during the next field season (see attached map). General research was also undertaken.

**Results:**

Three (3) main areas have been indicated and rock chip/alluvial sampling will be conducted in the coming field season.

**Conclusions/Recommendations:**

ML29795 is prospective for gold & if the rock chip/alluvial samples returns promising results, further sampling & digging will be completed.

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