

Arunta Project - April Sampling

Results Analysis

Tabby Cat

Pegmatites existing as only minor surface expressions. Highly weathered material. Feldspar(Albite)/Mica/ Quartz rich. Small scree piles sampled. No significant anomalies detected. Major pegmatite system not identified, historically strongly anomalous for Sn Ta and therefore follow up work to identify the historical anomaly is warranted.

Boyces Corner

One of the two Boyces Corner locations visited. Small scratching on surface sampled and a small excavator divet. Highly weathered material. Two samples were collected. One sample returned anomalous Li/Cs/Ta/Sn whilst the other was anomalous for Cs/Ta/Sn. Both samples are highly anomalous to background and confirms the presence of LCT type pegmatites in the region. Both samples also tested anomalous to a range of additional elements. Boyces Corner has had very little historical work and therefore warrants immediate follow up sampling program.

Johansons

This location consisted of a number of shallow shafts and rocky outcrop. Historical co-ordinates were visited however the pegmatite was not identified. The presence of an old mining camp and shafts was highly positive.

Hugo Jack

Four samples were taken at Hugo Jack pegmatite testing anomalous for Be/Hf/Li/Mn/Nb/Sn/Ta/W. The site included a 5m deep shaft including a 25m long decline from historical mining of the pegmatite. Samples were taken from piles around the surface of the shaft and from the decline.

Scarlett

Fence-line pegmatite not previously recorded. At least 20m long and 5m wide shallowly plunging undercover. Some low values of Sn and Ta. However, the sample size of one didn't sufficiently test the pegmatite. The area surrounding Scarlett included some interesting exposure, yet given the time frame the region could not be investigated fully.

Conclusions

The program, aimed at confirming historical mapping of Sn Ta mineral occurrences which had identified several pegmatites in the Excedo Tenement package, has confirmed that the Arunta Project is prospective for LCT type pegmatites.

The rock chipping warrants a full scale soil sampling program that will cover the best anomalies. All remaining 9 mineral occurrences should be field checked and sampled thoroughly.

The 3 field days was not sufficient time to take a representative quantity of rock chips to fully identify the grade and scale of the exposed pegmatites.

Pilbara Minerals initial rock chip sampling of albitised weathered pegmatites returned results in the 150-300ppm Li range. (Pilbara samples PROC004, PROC005, PROC007) (PLS Announcement October 2014).

As is the case with Scarlett, pegmatite exposures are common in this area, with a greater mapping and sampling program numerous pegmatites will continue to be discovered.