

ADR technology can identify lithium bearing pegmatites*

*Without any need for heavy destructive survey equipment

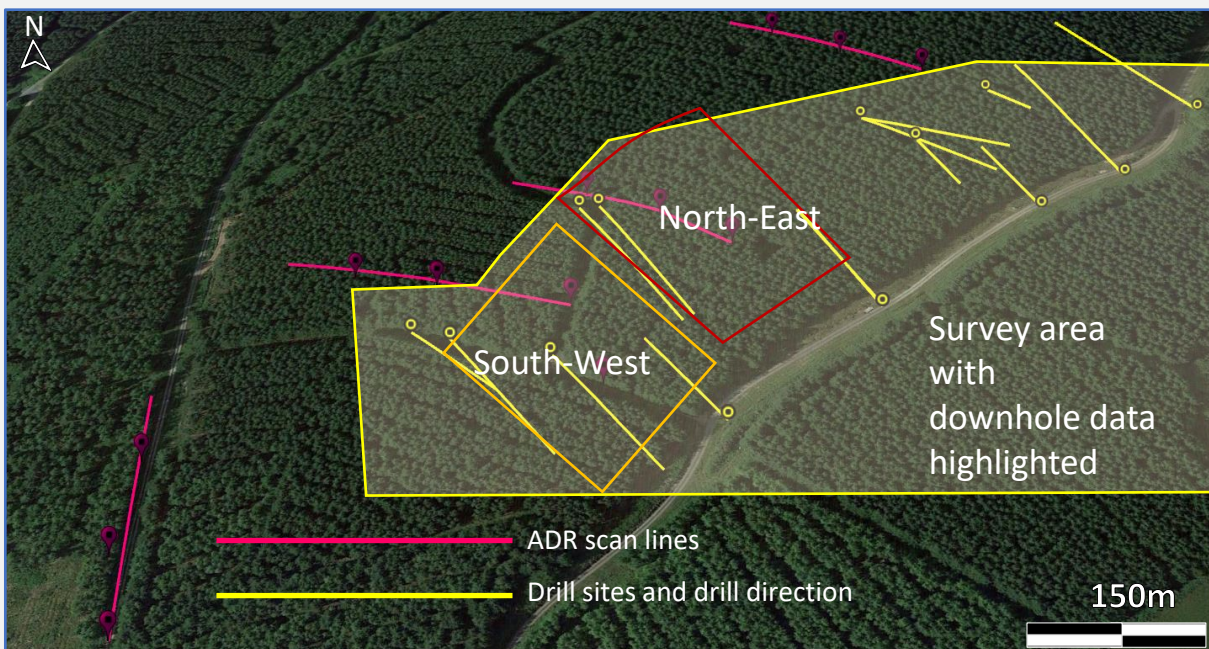


Introduction

Adrok has applied its green in house technology to identifying **spodumene pegmatites** at a prospective site in an undisclosed location. Spodumene is a mineral rich in the element lithium. Lithium is an increasingly important element in the move away from fossil fuels being used in batteries for electric vehicles and other smart devices.

Methods

Adrok combined dielectrics and signal returns with a frequency range of 1-5MHz to create a parameter for identifying pegmatites. This parameter was then compared with nearby drill logs.

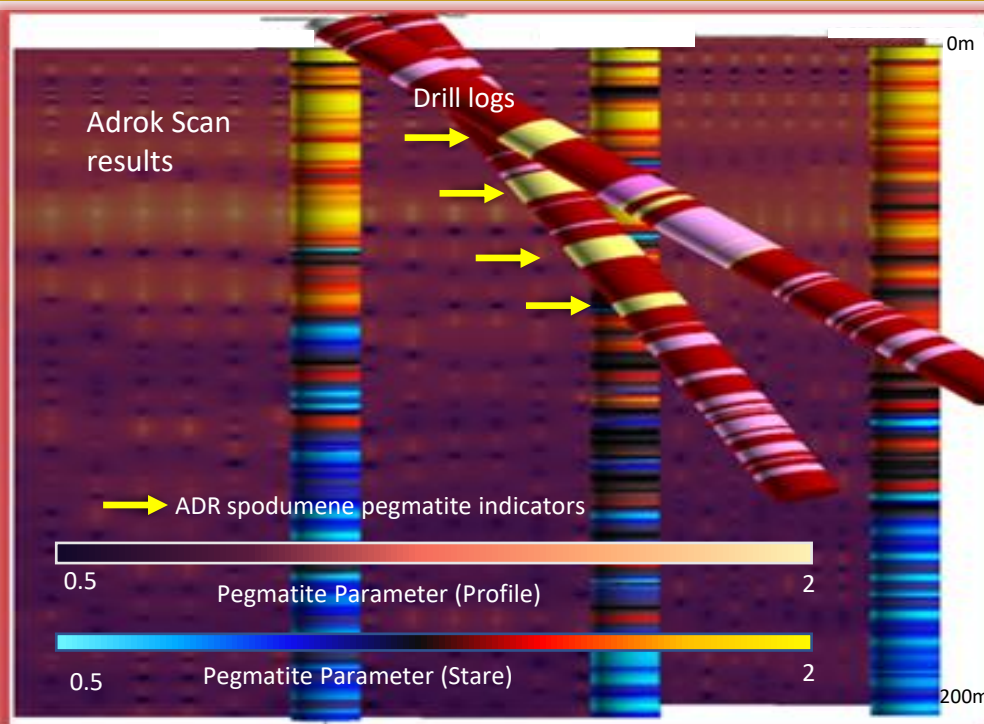
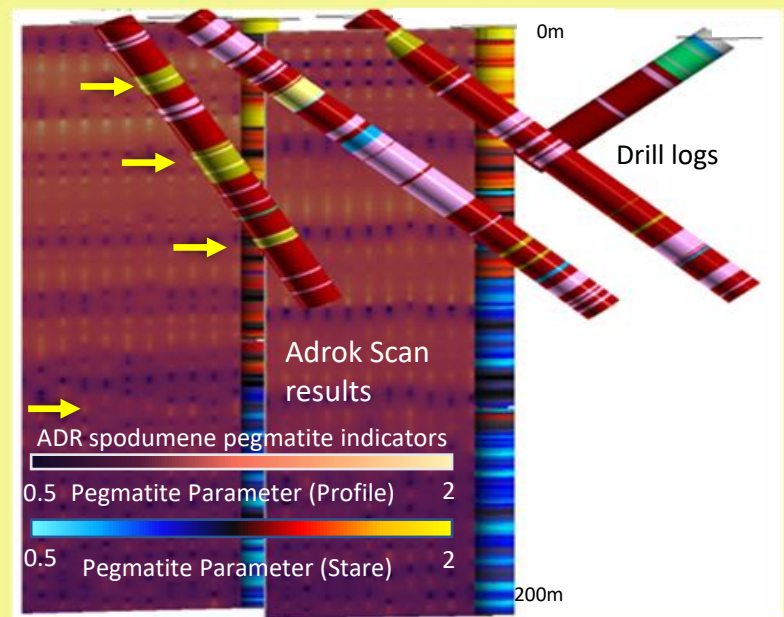


South-West Area

3 lithium bearing pegmatites are identified corresponding to known pegmatites in the drill logs.

Compared to the North-East, there is more evidence for pegmatites deeper in both Adrok's images and the drill logs.

Although the Adrok's thickness estimates are incorrect in this region too, **the technique works well for identifying the tops of pegmatites.**



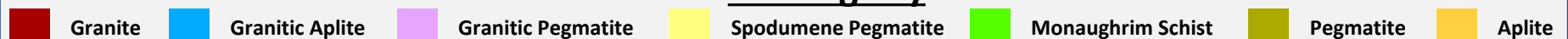
North-East Area

Adrok has identified four spodumene pegmatites in this region, all of which closely correspond to spodumene pegmatites in the drill data.

Where pegmatites are thinner and less common, this is reflected with lower values in the pegmatite parameter corresponding to an absence of lithium bearing pegmatites.

The technique works well for **identifying pegmatites.**

Drill log key



Conclusions

Adrok's technology has **successfully identified several spodumene bearing pegmatites** which correspond to such spodumene pegmatites in the drill logs.

The low carbon footprint survey was completed **without** the need for heavy survey equipment and without any modification to the site before the survey was completed. No trees or vegetation were harmed by this survey.

The technology demonstrates an exciting new tool for identifying an increasingly important mineral resource.