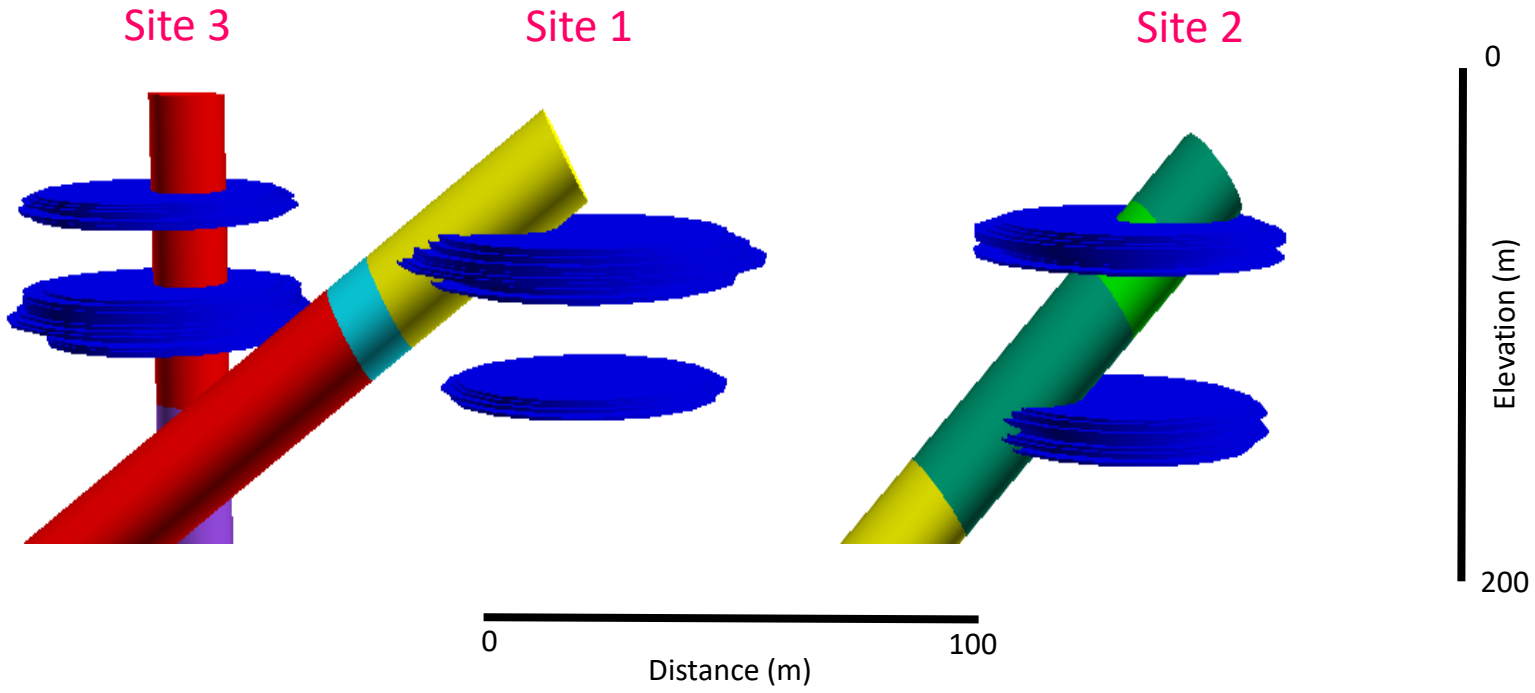
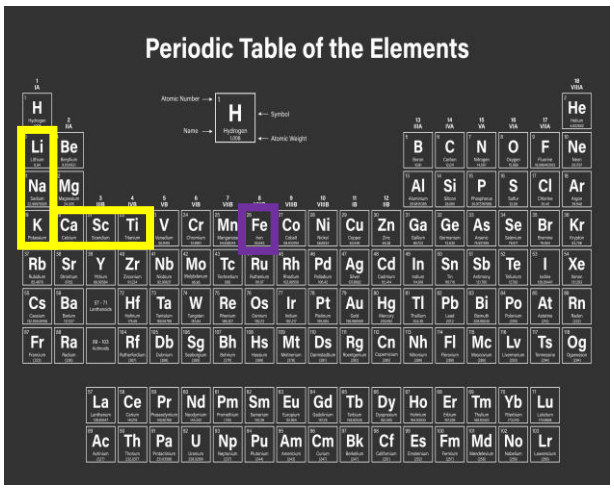
ADR technology non-destructively differentiates shallow Ferrous & Non-Ferrous mineral zones

- Adrok has applied atomic dielectric resonance technology (ADR) to sites over the Bjerkreim-Sokndal intrusion, Norway in order the detect different minerals assemblages within this intrusion.
- By undertaking this work Adrok will be able to determine the most likely locations for potential resources in the region without the need for expensive & time consuming drilling



Drill log with mineral assemblages

ADR indicators of mineralisation



Non-Ferrous elements detected by **presence** of ADR response

Ferrous elements detected by **absence** of ADR response

Mineral Assemblages

- Clinopyroxene, orthopyroxene moderate apatite
- Olivine & Magnetite
- Magnetite, Low Apatite, Orthopyroxene
- Orthopyroxene& ilmenite
- Orthopyroxene, Magnetite
- Clinopyroxene, ilmenite, high apatite

ADR technology has been able to differentiate between areas rich in alkali metals and those that are rich in iron relative to calcium & titanium.

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 mineral resources.