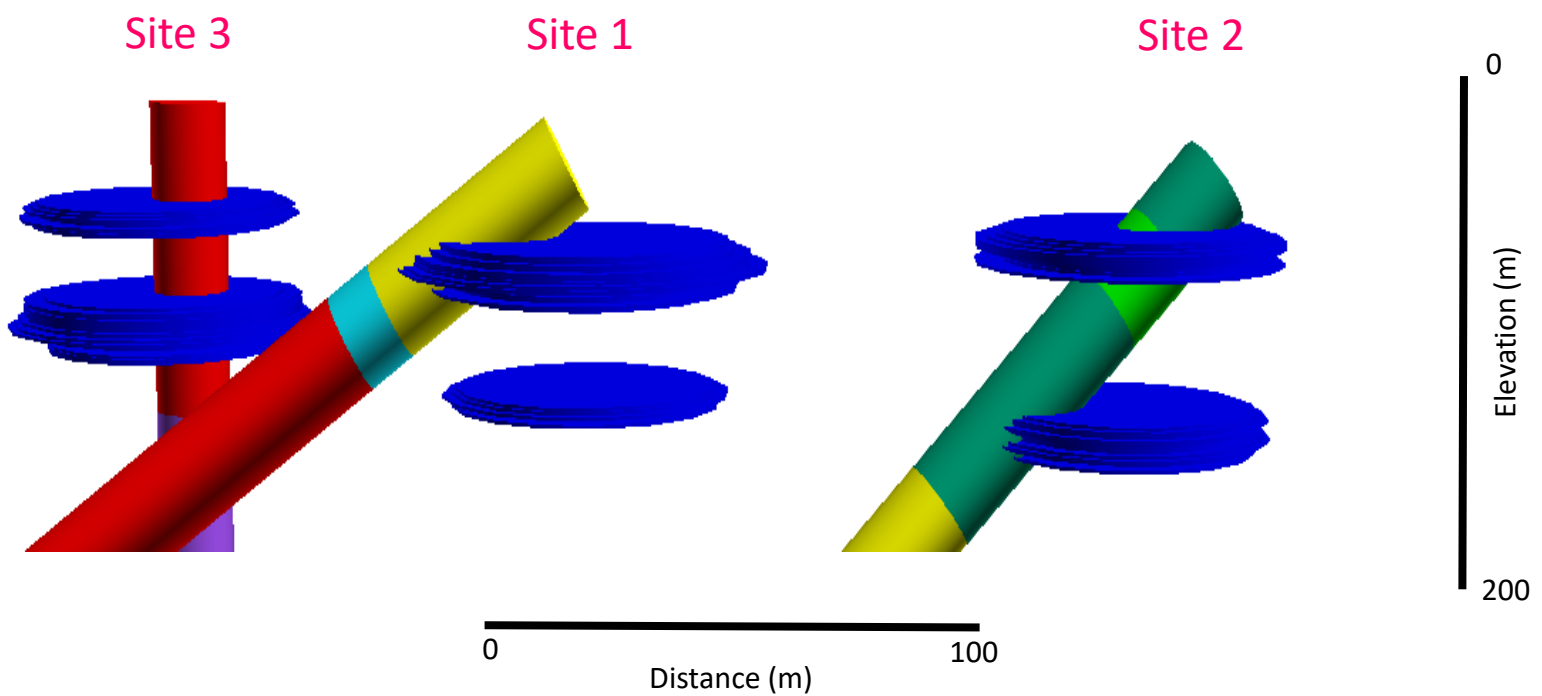


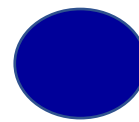
ADR technology non-destructively differentiates shallow Ferrous & Non-Ferrous mineral zones



- Adrok has applied atomic dielectric resonance technology (ADR) to sites over the Bjerkreim-Sokndal intrusion, Norway in order to detect different mineral 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

Periodic Table of the Elements

H	He																	H	He																																														
Li	Be											B	C	N	O	F	Ne											B	C	N	O	F	Ne																																
Na	Mg											Al	Si	P	S	Cl	Ar											Al	Si	P	S	Cl	Ar																																
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr											K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr																				
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe											Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe																				
Cs	Ba	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn											Cs	Ba	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn																						
Fr	Ra	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Nh	Fl	Mc	Lv	Ts	Og											Fr	Ra	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Nh	Fl	Mc	Lv	Ts	Og																						
																		La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu																			La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
																		Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr																			Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr



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.