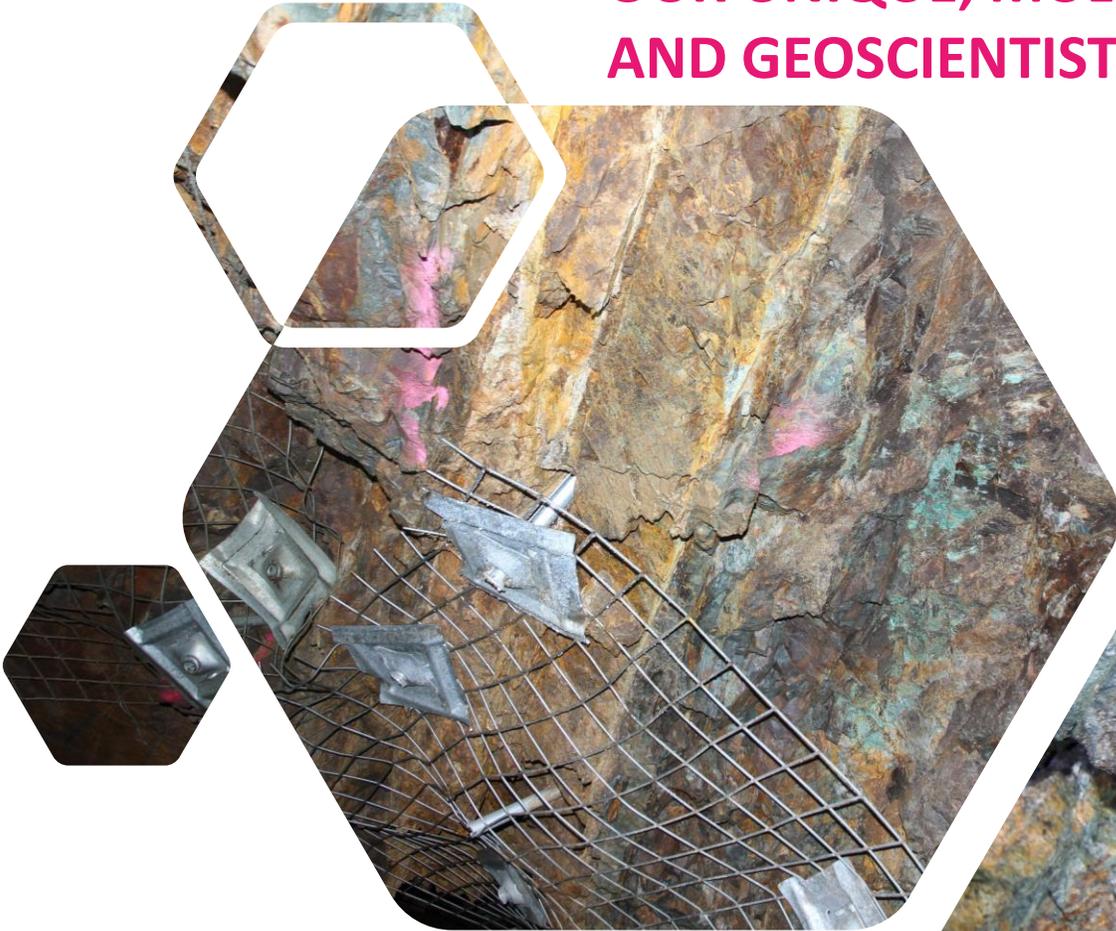
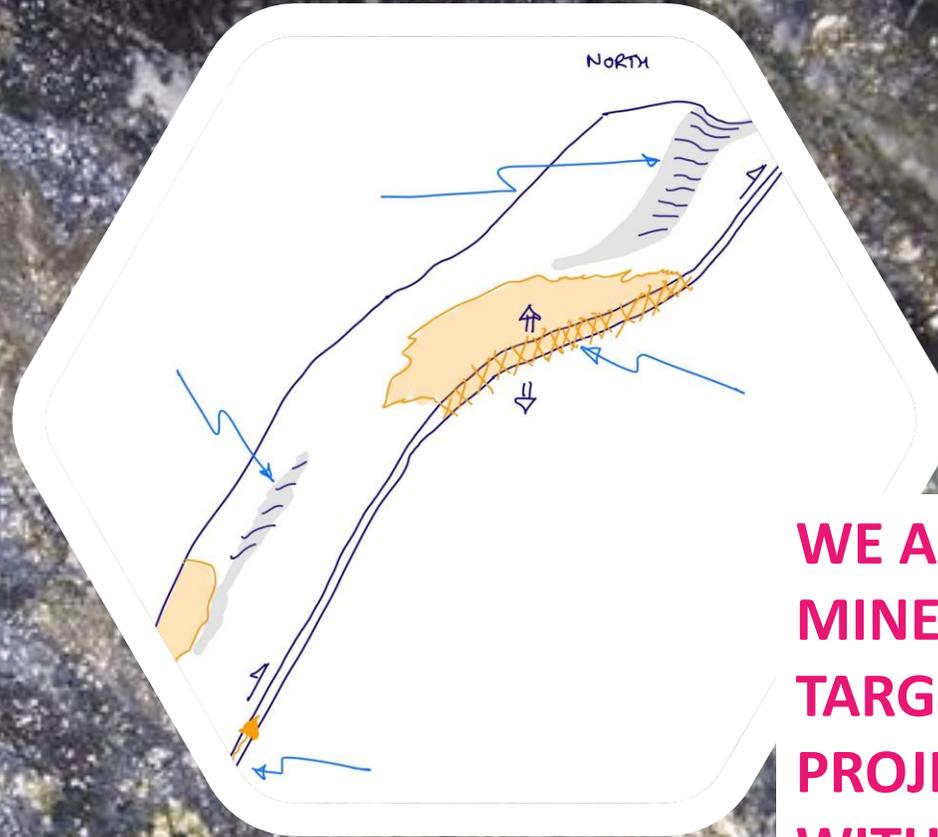


**OUR UNIQUE, MULTI-TALANTED TEAM INCLUDES GEOLOGISTS
AND GEOSCIENTISTS WITH PLENTY OF INDUSTRY EXPERIENCE**



Adrok[®]

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**WE ARE HAPPY TO DISCUSS
MINERALISATION STYLES,
TARGET DEVELOPMENT AND
PROJECT CUSTOMISATION
WITH YOU. WE ARE
ACOMPLISHED AND
UNDERSTAND THE NEED FOR
DISCOVERY-DRIVEN
EXPLORATION**

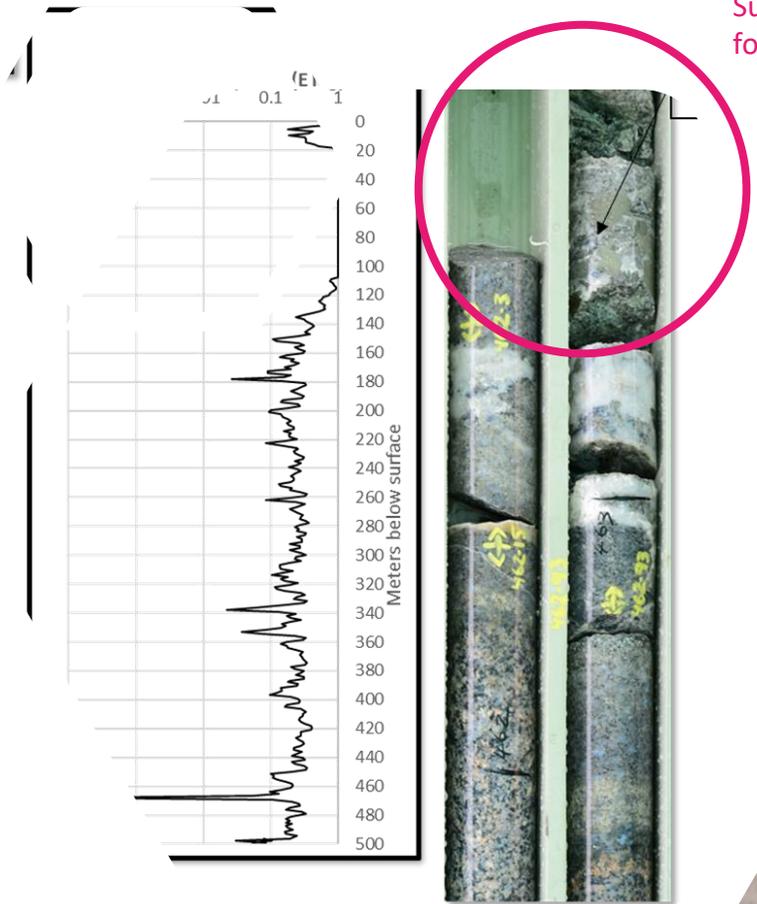
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Ground truthing

Successful intercept of mineralisation following Adrok identified target!

OUR TEAM HAS PROVEN APPLIED SUCCESS. OUR COMBINED KNOWLEDGE OF GEOLOGY AND GEOPHYSICS IS DEEP AND WIDE, A FEAT ACHEIEVED BY BRINGING TOGETHER A TEAM WITH INDUSTRY LEADING SKILLS AND KNOWLEDGE.





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FROM DRILL RIGS TO GEOPHYSICAL SURVEYS, TROPICS TO POLES. OUR EXPERIENCE HELPS RESOLVE INDUSTRY PROBLEMS. WE CAN HELP TARGET MINERALS TO IMPROVE DISCOVERY, REDUCED EXPENDITURE AND TIME.

Target mineralisation style

Massive sulfides

Other

Orogenic narrow vein
VMS/VHMS
Layered intrusion Ni, Cu, Co, PGE
Skarn

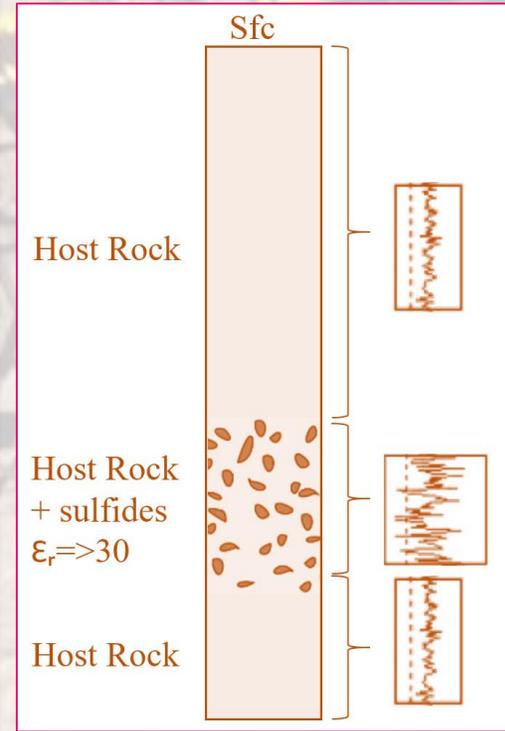
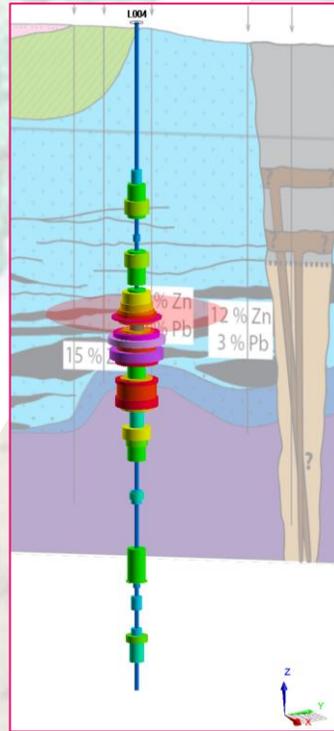
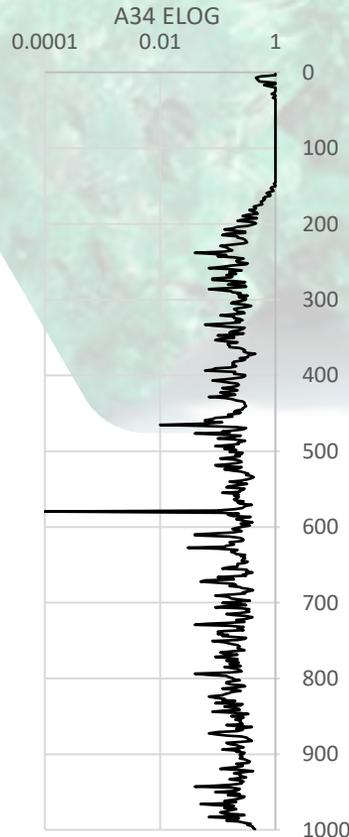
Disseminated sulfides

SEDEX, MVT, VMS/VHMS
Porphyry Cu-Au-Mo
Skarn

Water (aquifers)
Potash
W-Sn
Breccia pipe/ pegmatites
Geothermal

Reflected energy method

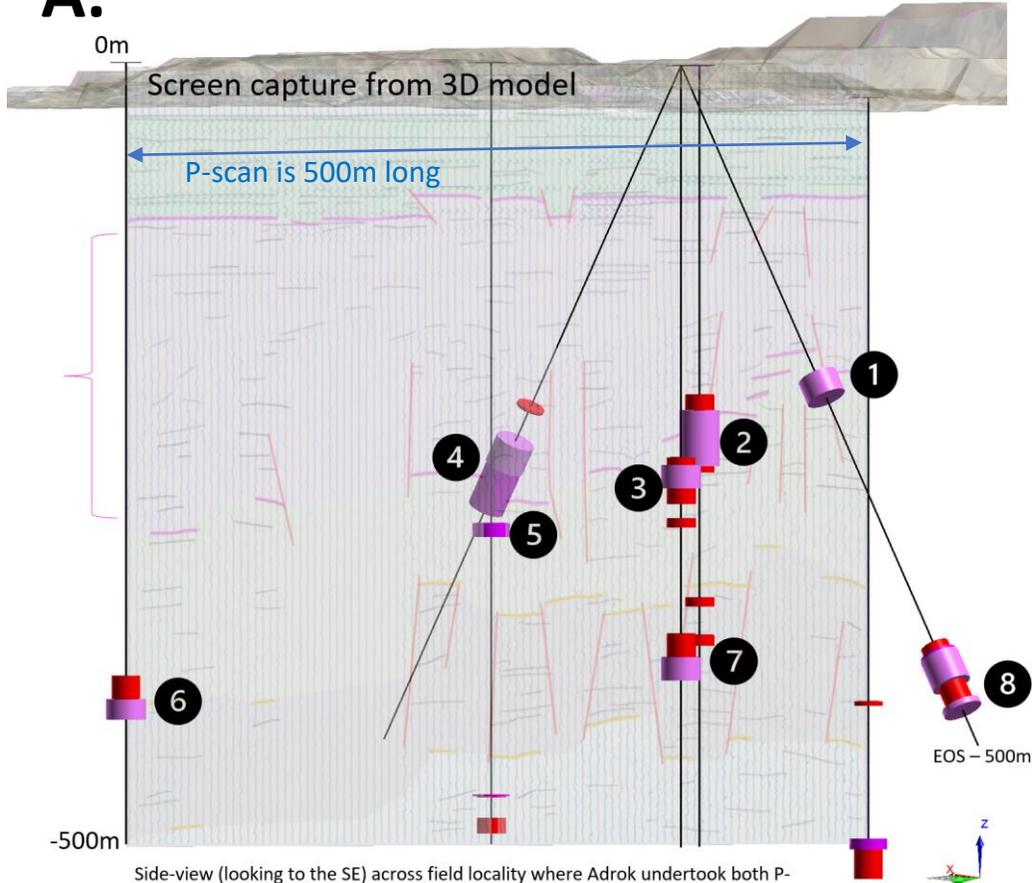
WSSC method



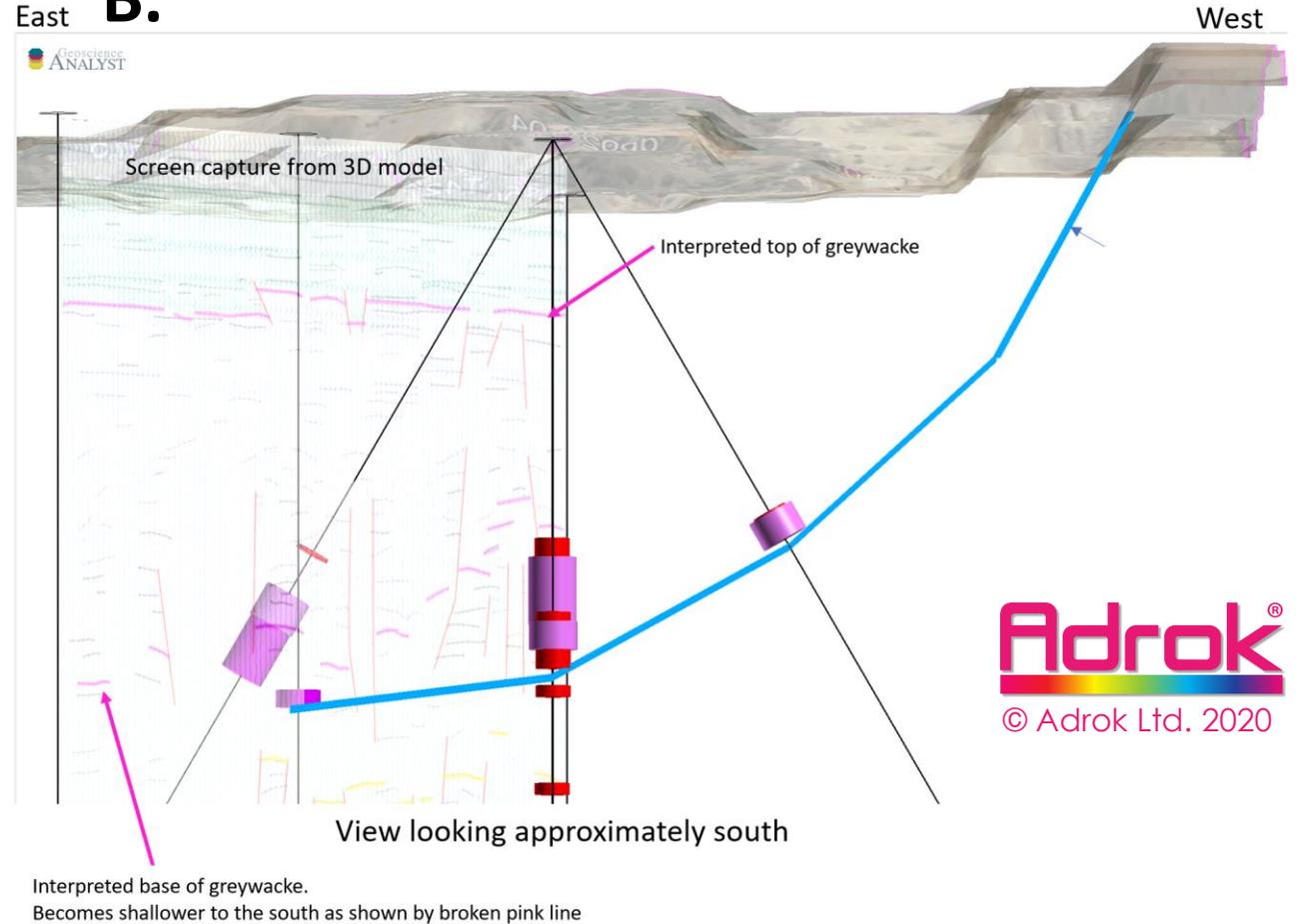
A combination of methods including E-Gamma, Dielectrics, lithometrics, Atomic dielectric resonant spectroscopy

Scan type – Linear (1D STARE), Planar (2D P-scan) or both

A.

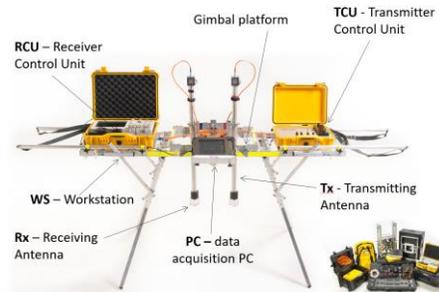


B.



Combining the different types of scans can help provide a better, pre-drilling image of what's happening beneath the surface. This will help plan drilling in the right spot. Here we have combined results from a profile scan (P-scan) showing E-ADR and interpreted for lithology (P-scan is sub-parallel to strike and therefore bedding appears tilted towards 0m shown in **A**). Purple cylinders numbered 1-8 (**A**) represent WSCC values of >7 and indicate the presence of sulfides at around 250m below surface and a possible second layer around 450m below the surface. The blue line shown in **B** is the dip of the base of the interpreted host greywacke unit. Repeatability and reproducibility for WSCC results in parallel (2&3) and intersecting angled scans (4&5).

Adrok's service



Adrok provides a full **on-site geophysical service** including **data collection, processing and interpretation.**

We can provide you with the processed results to load into your preferred 3D geological modeling software. Our sulfide discrimination technique is quantitative so you can select the target regions. No human interpretation needed which removes the bias involved with many other techniques.

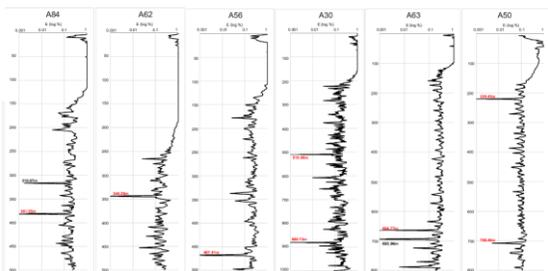
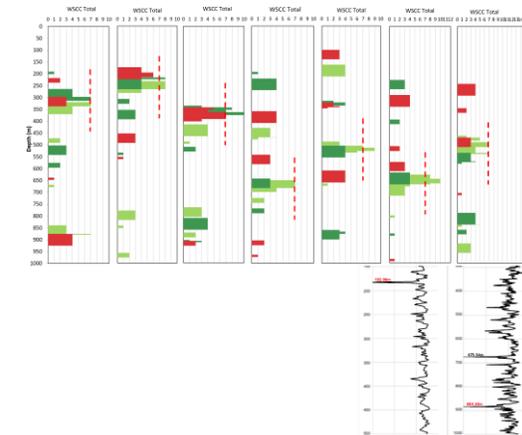
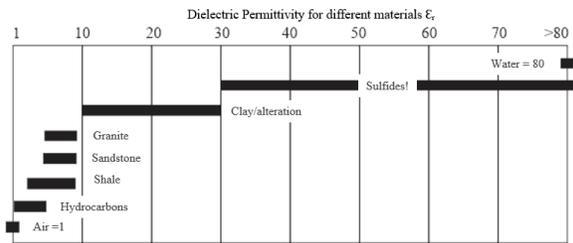
Adrok's equipment can be transported by car or 4WD. It is small and compact and can even be carried to difficult to access sites. Having worked at sites around the world, it is important to recognise that undertaking a survey does not require any land clearing, special permits, there is no machinery involved, its low power and **we leave only footprints**. Each scan takes about 2 hours.

We can work near infrastructure unlike many other techniques and there is no disruption to nearby electrical or mechanical equipment so its great for working on mining leases as well as exploration leases.

Adrok uses the **natural high permittivity values of sulfides** relative to typical host rocks. Sulfides range in DC from around 30-80 but most crustal rocks are less than 15! Water had a dielectric of 80 and air has a dielectric of 1. We measure a number of characteristics of the rocks when detecting sulfides but we also measure DC (or ϵ_r) so it's a useful technique for identifying aquifers and other water-rich layers beneath the ground where detection is preferred without requiring drilling.

Adrok has many **case studies** using both reflected energy method and the WSCC method for detecting massive and disseminated sulfides respectively. We have successful blind tests and have tested in a huge range of host rock types and for different deposit types.

If you are thinking about a survey, you can contact us to discuss specific requirements. Typically we work with the exploration team and pre-plan scans prior to the survey on-site. However, due to the portability of the equipment, we can always change survey plans "on-the-fly". We understand that working in exploration often involves rapid changes, we work with your team to ensure the best results possible.



We are a knowledgeable team with practical hands-on experience and real-world results. We understand the difficulties, stress and importance associated with making discoveries. We can help as we have the right tool for the right job.

www.adrokgroup.com
Edinburgh, Australia, Canada and beyond.
Contact us to discuss how we can help solve your exploration needs.