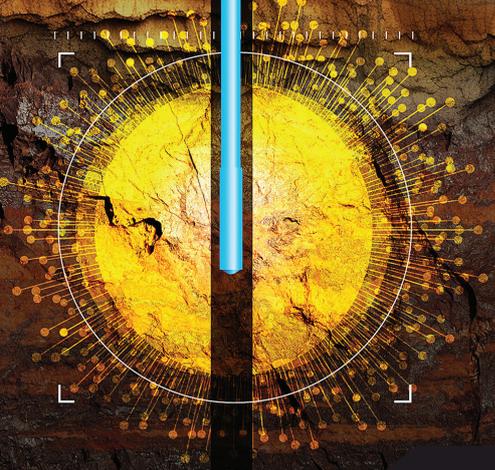




Discover more.

GOLD SOLUTIONS



WE ARE OREBODY KNOWLEDGE
WORLD LEADING EXPLORATION TECHNOLOGIES.



Wireline Solution for Gold Exploration

Gold exploration companies are under increasing pressure to reduce costs, accelerate the timeline to discovery and minimise environmental and safety impacts.

Whether it's exploration, or active production—integrating borehole geophysics into your workflow is invaluable for unlocking a deeper understanding of your deposit. Validating geological data helps guide a range of decisions, from the early stages of identifying promising targets, to refining ore body models during resource definition, and monitoring structural stability in production.

By delivering high-resolution, continuous datasets, borehole geophysics reduces uncertainty, enhances decision-making, and ultimately helps maximise the value of your mining project.

WSG has experience working in challenging terrain and the harshest of environments from the Canadian arctic to the Australian desert. The company offers a variety of logging units suitable for any environment, ranging from F350 4x4 logging trucks, off road UTV units, underground solutions and helicopter sling units.

No matter what the season, you can rely on us to get to your site with minimal fuss. Now you can have the latest in geophysical tools with expert interpretation to provide a faster, more precise geological model for precision mining.

WSG's services maximise the value of your drilling program by providing:

- Detailed oriented structure measured from the drill hole face
- Physical rock properties for the identification of mineralisation
- Continuous density measured over the entire drill hole for resource modelling

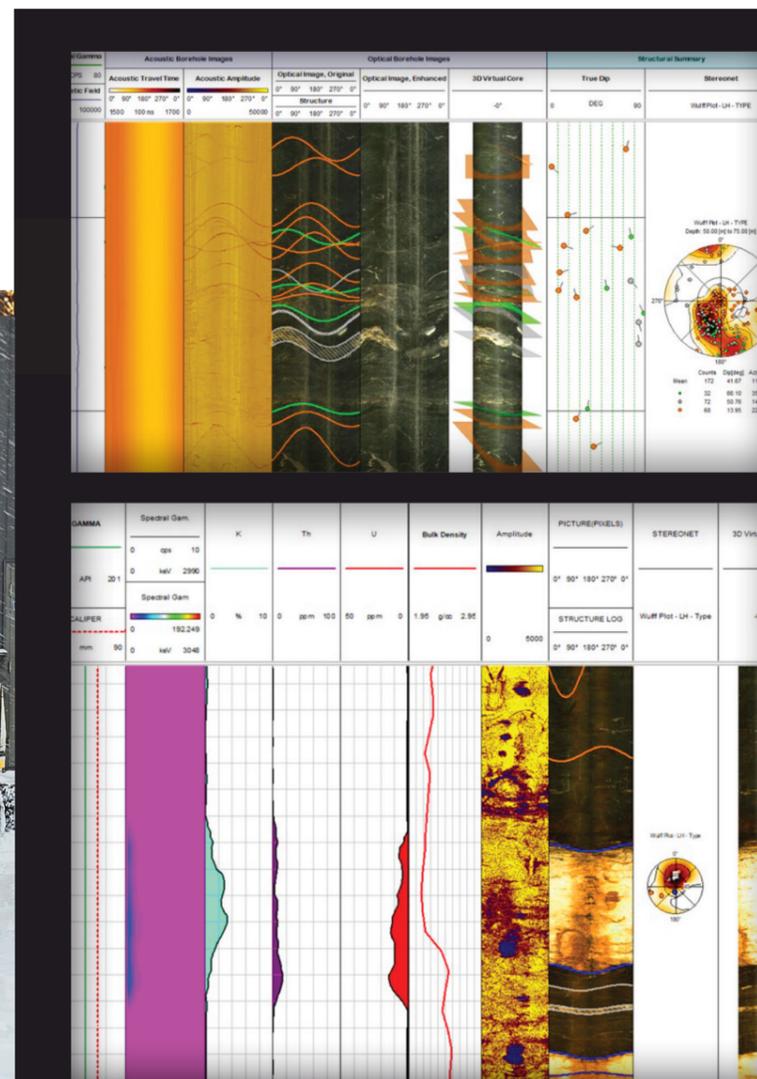
Visualise the Structure

By integrating televiewers into your exploration toolkit, companies can save money by streamlining the discovery process. The detailed structural analysis provides better interpretation of the mineralized zones, aiding in more accurate resource modelling and precise drill targeting.

WSG's high resolution optical and acoustic tools orientate structure directly from the drill-hole face for diamond or RC drilling. Reaching production levels of up to 1,000m per shift, WSG offers the fastest, most accurate structural information available.

Maximise value by extracting both geotechnical and geophysical data to make more informed decisions.

- Reduce costs and faster turnaround time compared to conventional methods
- Repeatable, integrated interpretations, minimising bias and human error
- Improve modelling with structural orientations you can rely on
- Improve safety and less environmental impact



Mineral Characterisation

Quick and low-cost rock property measurements can be provided using a series of best-in-class geophysical probes. These probes are precisely calibrated and optimised. You can receive a robust in-situ understanding of the rock mass as fast as 9m per minute off the truck.

Resistivity / Conductivity Measures the electrical conductivity/resistivity of the formation. Since most of the minerals have very high resistivity, low resistivity, reading signatures can be attributed to the presence of clay, open fractures (fluid-filled) and/or metal sulphides such as the pyrite family. Therefore, it can be combined with the Induced Polarisation logs to detect sulphide mineralisation zones and be used to identify the fluid level in the borehole.

Full Wave Sonic (FWS) A full spectrum of acoustic properties of the rock is measured. It includes P and S wave velocity, amplitude and full-acoustic waveform. Acoustic velocity logs can be directly related to the rock hardness and can be used to derive several mechanical properties. It can also be used to locate brecciated zones.

Density Provides the bulk density measurement of the rock mass using calibrated dual density detectors. Density measurements can be used for quantitative tonnage calculations, as well as grade control. Variations in density can be associated with different mineralisation types. This measurement is also used to calculate rock strength parameters by combining with the full-wave sonic log. When combined with NMR, an in-situ dry bulk density can be calculated as well.

Tool / Application	Televiewers	Density	FWS	NMR	Conductivity/ Induced Polarisation	Flowmeter
Lithology Correlate hole data with geological models	✓	✓	✓	✓	✓	
Structural Analysis Accurately identify the structural controls of gold mineralization for more effective drill targeting.	✓		✓			
Vein Identification & Characterisation Detailed images of vein morphology allow veins to be modelled accurately.	✓					
Resource Estimation Accurate material properties for resource estimation	✓	✓		✓	✓	
Geotechnical Studies Identify fractures, joints, faults and obtain RQD and rock hardness value to help determine ground support requirements	✓	✓	✓			
3D Modelling Accurate, high resolution orientation data to help improve your 3D lithological, vein and structural models	✓	✓		✓	✓	
Hydrogeology Hydrology mapping and fluid flow monitoring	✓			✓		✓



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