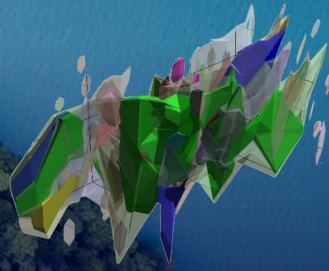


About MFT™



Cutting the risk, time & cost of mineral exploration



The ten-year time frames, inefficiencies, low success rates, and high costs associated with traditional mining exploration approaches have been a longstanding challenge. However, with Mineral Finder Technology (MFT), the entire landscape of mineral exploration is transformed. By first targeting and locating specific minerals of interest, MFT provides precise maps of resource location, 3D resource models, and economic viability confirmation, before drilling, in just 17 weeks for up to 80% total exploration cost reduction. This remarkable reduction in time, cost, and risk fundamentally alters the traditional trajectory of mining investment, catching the attention of explorers and investors.



MFT has been proven across more than 400 research and commercial projects.

MFT excites mining and finance executives because they quickly understand its significant positive impact on the exploration business model, the acceleration of greenfield developments to production, and thus shareholder value.



Steps MFT™

The technology implementation has 4 phases. The first three exploration steps are completed in 17 weeks. The fourth is long term ongoing support.



PHASE 1

High resolution
spectrograph
remote survey

Phase 1 - Satellite Spectrography

Phase 1 is the remote exploration, with proprietary processing of satellite spectrography data, to identify mineral presence. We explore large areas of potential with the maximum practical scale (i.e. minimal viable resolution for detection). The output of the first phase is not a photograph of the Earth's surface, it is a 2D map of what specific mineralisation is undercover.



PHASE 2.1

High resolution
FSPEF field survey

Phase 2 - Field Work, FSPEF & VERS

Phase 2 is the field work, where we explore the smaller areas of mineralisation identified in Phase 1 with proprietary survey instrumentation, and at 10 times to 100 times greater resolution. Phase 2 has two steps. One is called FSPEF and the other one is called VERS. Each step is designed to give us increasing detail, precision, and confidence. FSPEF gives a top view for locational precision, and identifies tectonic faults. VERS builds the depth precision and layers with 2D cross sections or side view maps.



PHASE 2.2

High resolution
VERS field survey

Phase 3 - Data Integration, 3D Map & Report

Phase 3 is where we analyse and integrate the data from the previous stages to build a 3D geology and resource map and generate a 43-101 format technical report to guide the drilling campaign.



PHASE 3

3D model building
& geological report

Phase 4 - Ongoing Support

Phase 4 is where we provide ongoing site support and lab support as you move through exploration drilling, feasibility study, mine planning, mine construction, and mine operation.

To learn more

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