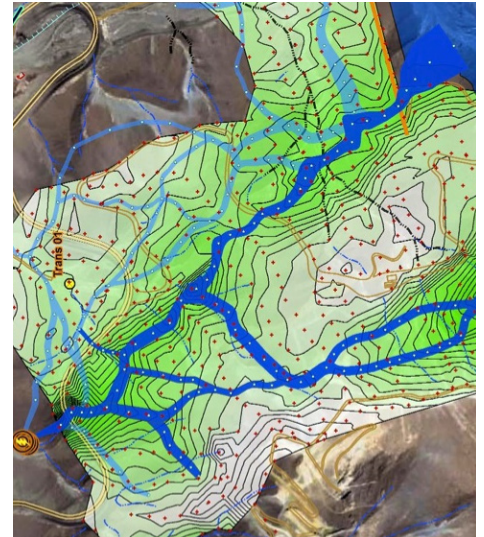


# PREFERENTIAL GROUNDWATER FLOW PATH SURVEY

RemQuest utilizes a cost-effective, patented technique to identify and model preferential groundwater flow paths. This technique directly energizes groundwater using a low voltage/amperage, AC electrical current. By placing electrodes down wells or in contact with groundwater seeps, this technique takes advantage of the fact that groundwater is typically a better conductor of electrical current than the surrounding soil and/or bedrock. Thus, the electric current follows the subsurface water bearing features between the two electrodes. Just as all electrical currents do, this flow of electrons creates a magnetic field. This magnetic field is then measured and recorded at the ground surface using hyper-sensitive proprietary instrumentation. This enables our clients to strategically target trouble areas both for remedial design and performance monitoring, making remediation faster and more cost-efficient.



RemQuest can provide a variety of innovative, effective technologies to help clients expedite remediation and/or reduce O&M costs.

## ADVANTAGES

- Environmentally friendly
- Reduction of remediation costs
- Limited soil intrusion
- Preferential groundwater flow path mapping
- Scalable and appropriate for most geographic locations