

# Geophysical Services

## DMT Geosciences

### Seismic

- Reflection (2D)
  - Surface
  - Underground In-Seam / Salt
- Refraction(2D)
- MASW
- Processing
- Vibration Monitoring

### Electrical

- Electrical resistivity Tomography (ERT/ERI)
- Time-Domain Electromagnetics (TDEM)
- Frequency Domain Electromagnetics (FEM)
- Mise-a-la-Masse
- Induced Polarization (IP)
- Ground Penetrating Radar (GPR)

### Marine

- Seismic Reflection/Refraction
- ERT/ERI
- GPR
- Bathymetry
- Sonar

### Potential Methods

- Magnetometry
- Gravity

### Others

- Borehole Geophysics
- Photogrammetry
- Ground Based LiDAR



DMT Summit X1 seismic system is lightweight and can be environmentally low-impact



DMT can complete most geophysical methods on water



DMT uses slimline tools for a variety of uses – geotechnical holes, exploration, and environmental

## Exploration

- Resource Exploration
- Risk Mitigation
- Water Exploration

## Engineering

- Risk Mitigation
  - Sinkholes
  - Geohazards
- Slope Stability Monitoring
- Pipeline Crossings
- Seismic Site Classification
- Bedrock Scour

## Environmental

- Contaminant Mapping
- Acid Rock Drainage

## Data Reprocessing

- Ground Seismic
- Airborne Gravity & Magnetics

## Consulting

- Geophysical Acquisition Planning

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