

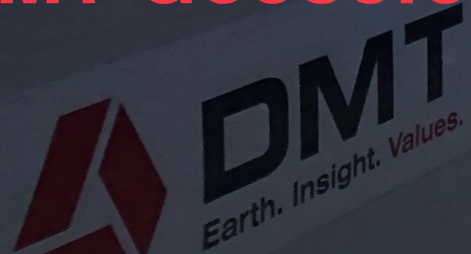
The DMT logo is a blue square with the letters 'DMT' in white, bold, sans-serif font.

Bitte Bild tauschen, altes DMT Logo auf dem Auto

Bitte Fußzeile prüfen

Company Presentation

DMT Geosciences



TÜV NORD GROUP | Exploration Seismics | October 2022



Our Company

A Geophysical Solutions Provider

DMT Geosciences Ltd. (DMT) has a **broad range of experience** providing geophysical solutions for the environmental, exploration, and engineering sectors.

Our aim is to **act responsibly, sustainably and ethically** – helping to understand the world and create new values for the future.

Our clients include major **oil and gas companies, international engineering companies, mining companies, and governments** at all levels.



DMT Geosciences as part of the DMT-GROUP

DMT Geosciences Ltd.
is wholly owned by DMT
GmbH & Co. KG head-
quartered in Essen,
Germany

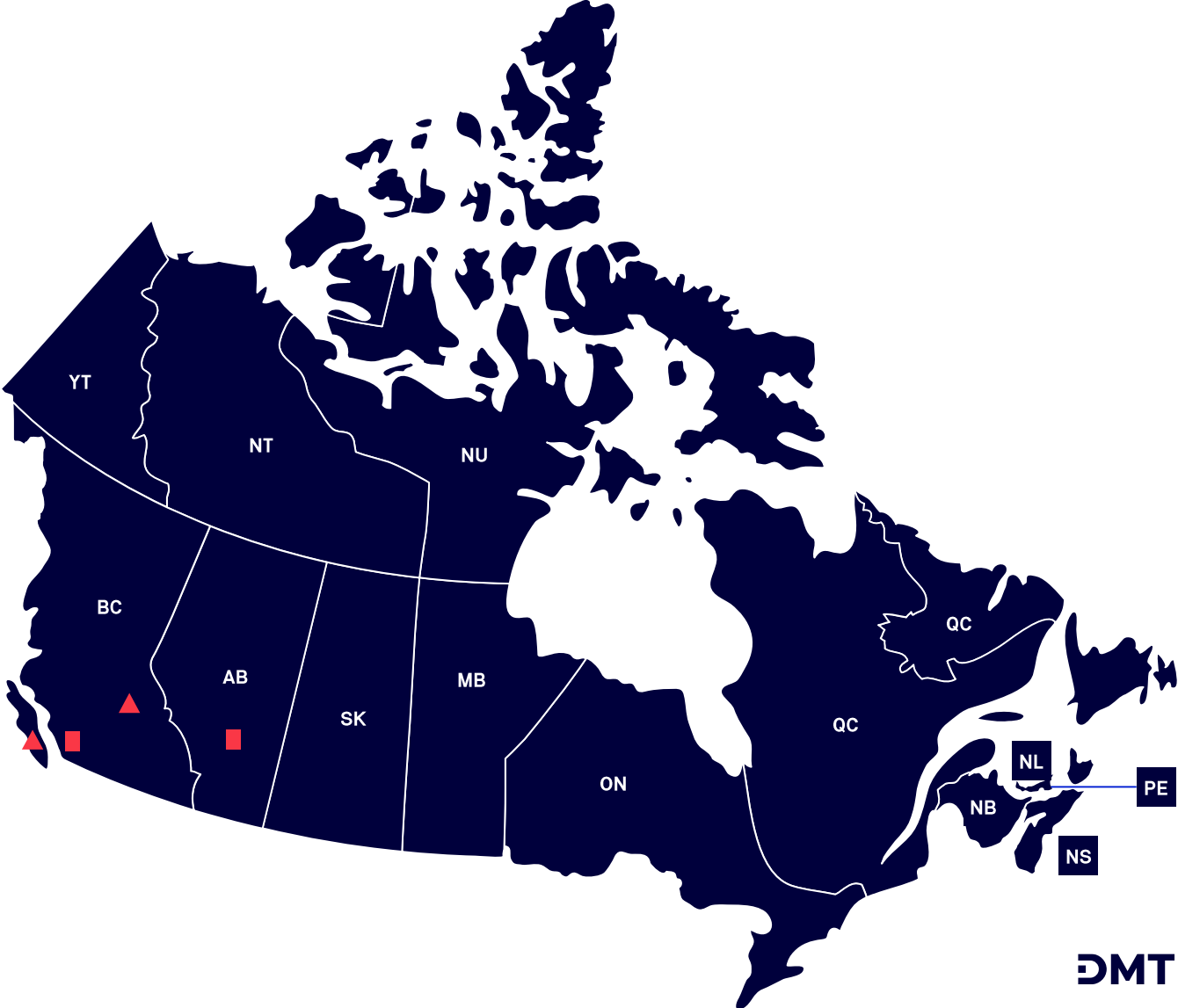
The business is an independent
engineering consulting company with
a focus on resource exploration, mining,
and monitoring.

DMT-Group supports a strong R&D
department with over 30 research
projects ongoing and has developed their
own line of instruments.

DMT-Group has offices around the world.



DMT Geosciences as part of the DMT-GROUP



Offices in Vancouver and Calgary

Field Offices in Kamloops and Vancouver Island

Commitment to Performance

Performance

The DMT Group's claim today is excellence, performance and innovation in everything we do – So that our clients are sustainably successful in everything they do.

Geophysics Performance,

DMT Geosciences's core competency, is reflected in the wide range of technical challenges facing our markets.

We work with great passion on the digitization of existing and new business models, on services and products for ourselves and our clients.

We act responsibly, sustainably and ethically – helping to understand the world and create new values for the future.

Commitment to Safety

DMT Geosciences is committed to operating at the highest safety standards:



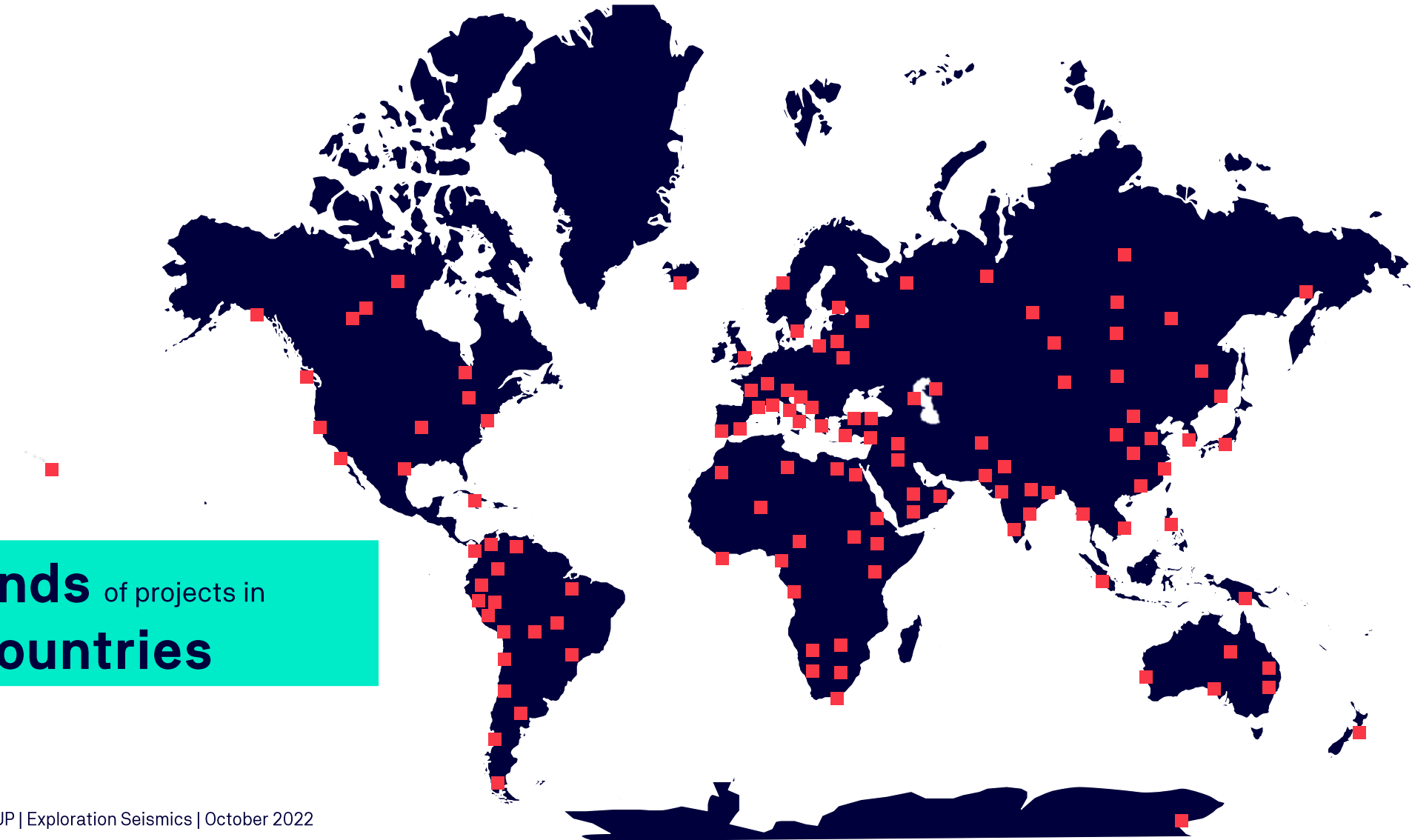
- COR certificates for Alberta and British Columbia
- Members of Avetta and Complyworks
- Implemented eCompliance as our safety management software

Commitment to Professionalism



- All our technical staff are registered with Professional Associations
- All technical staff participate in formal Continuing Education plans
- Professional services of DMT Geosciences Ltd. are rendered under the Permit to Practice of the Association of Professional Engineers and Geoscientists of Alberta (APEGA). The company has employees that are professionally designated members in the following jurisdictions: Alberta (APEGA) British Columbia (EGBC), and the Northwest Territories (NAPEG). Products can be delivered with authentication rendered under any of the above-mentioned jurisdictions where required

DMT-Group Projects around the World



Thousands of projects in
> 150 countries



Client Base

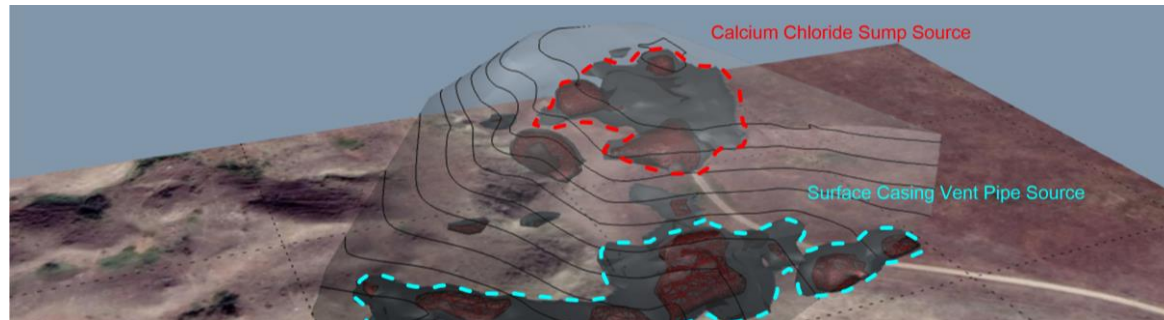
Our client base includes

- Major Canadian engineering and geotechnical companies
- Oil and Gas producers
- Environmental companies
- Mining companies
- Mineral Exploration Companies



Focus Markets

Environmental Geophysics



Engineering Geophysics



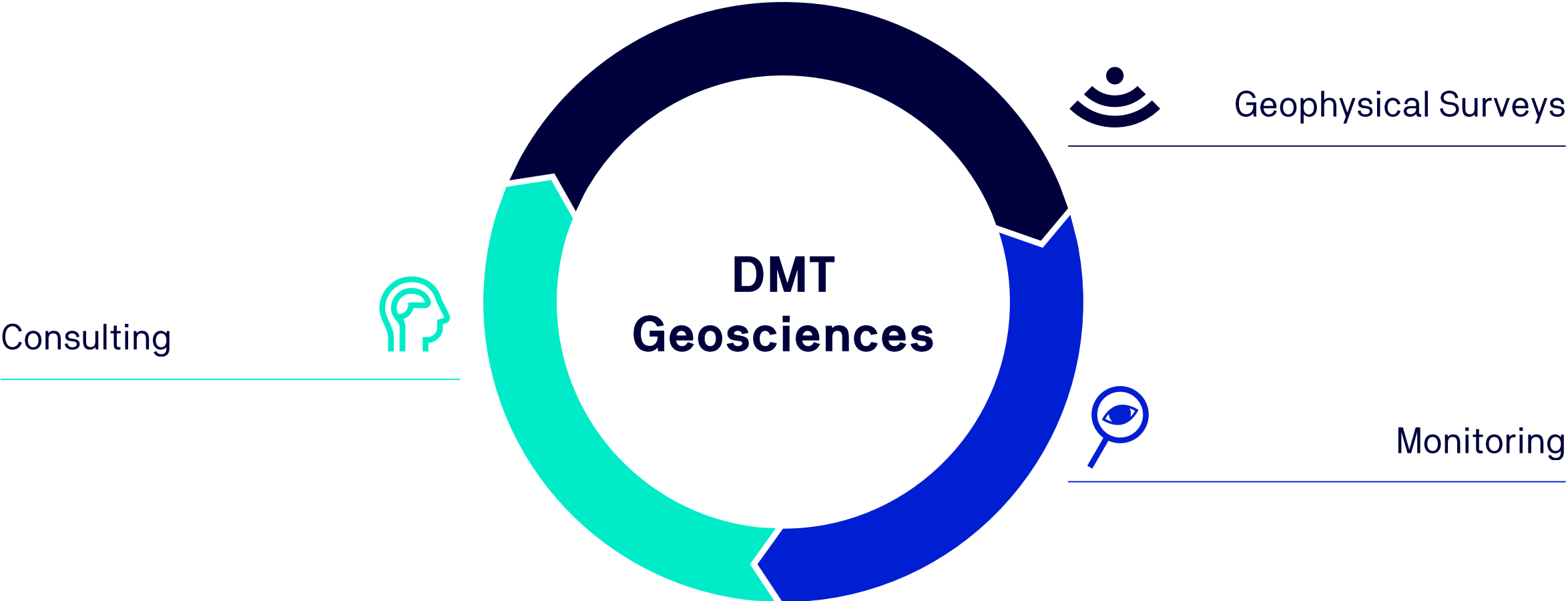
Mining and Exploration Geophysics



Marine Geophysics



Services Offered





Geophysical Services

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 Fields Methods

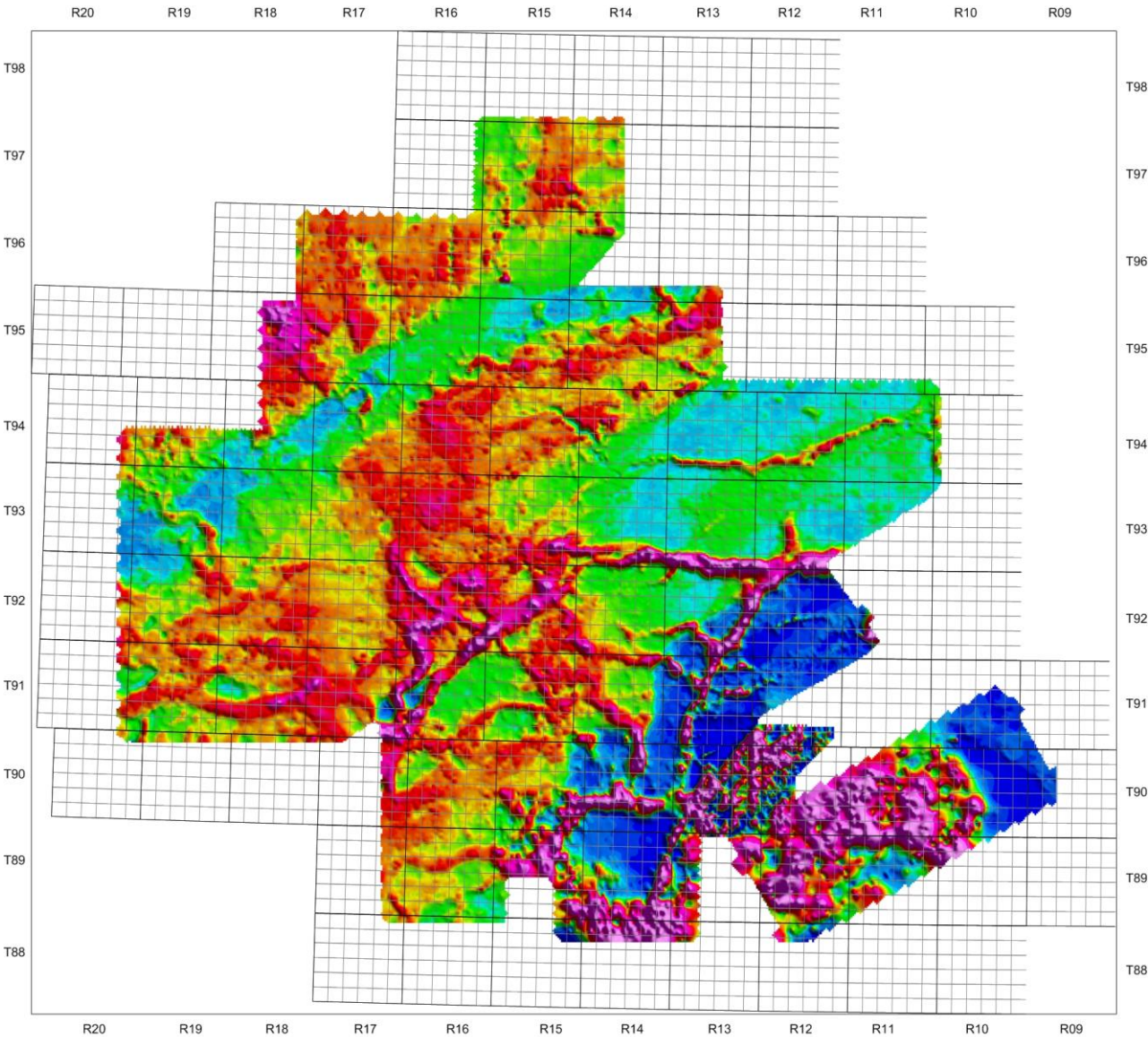
- Magnetometry
- Gravity

Others

- Borehole Geophysics
- Photogrammetry
- Ground Based LiDAR
- Airborne

Consulting Services

- Planning and advising on Ground, Airborne and Marine Surveys
- Data QC and Third-Party Oversight
- Processing and Interpreting of new and Historic Data sets
- Expert Studies



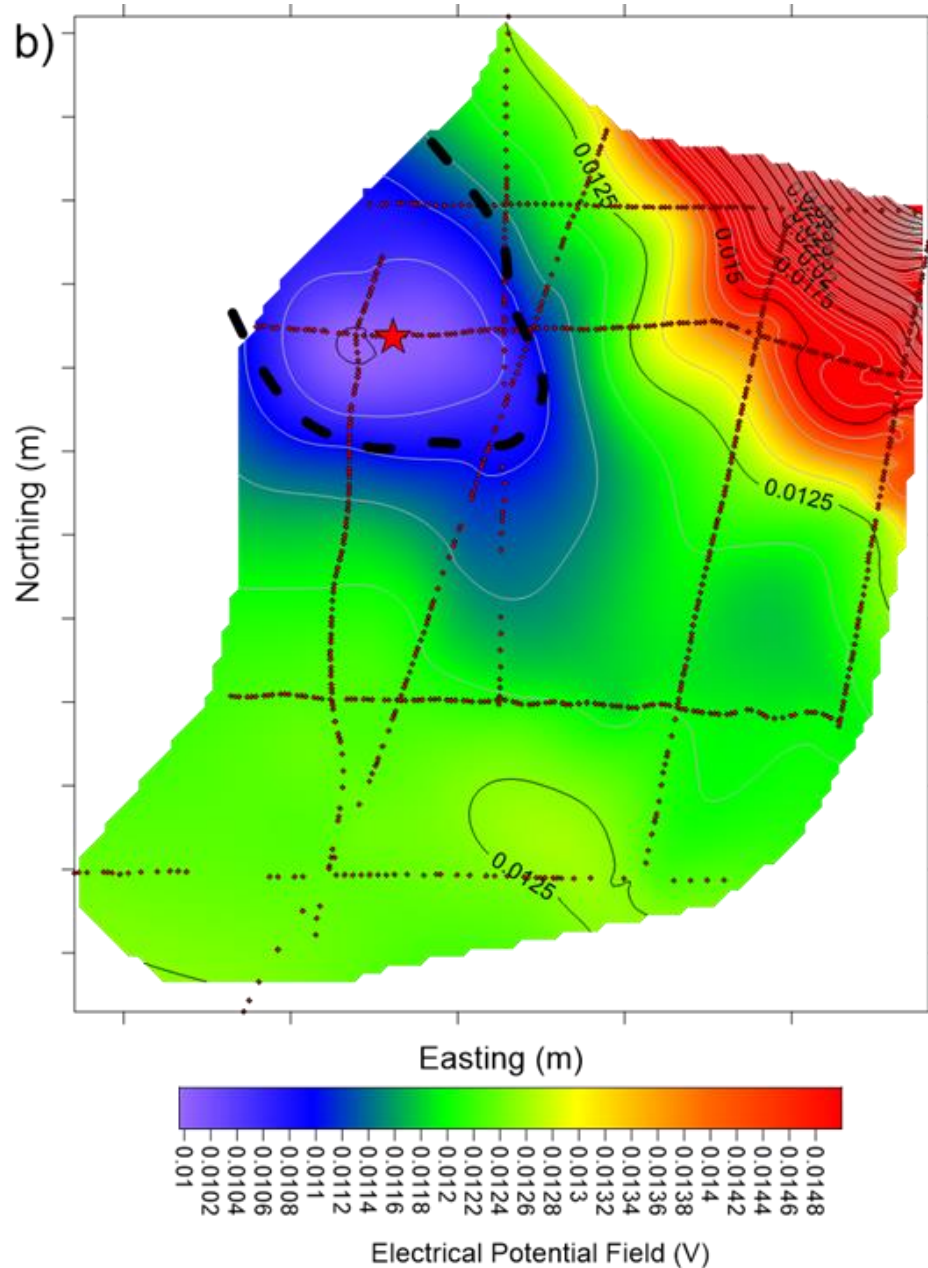


Monitoring Services

Whatever you want to monitor, we can put a sensor on – we call it “monitoring everything”

Examples

- Vibration monitoring
- 3D Lidar
- Soil moisture
- Ground movement
- Safeguard GIS software



Projects

Innovative solution – Mapping a Saline Aquifer

Confidential Oil and Gas Client – Northern Alberta, Canada

- Thin high TDS aquifer identified by a drill hole at 50m depth
- Environmentally sensitive area limited drilling options for the client
- Developed innovative solution to use MALM (Mise-a-la-Masse) technique to map a saline aquifer



Projects

International Mining – Mapping a deep aquifer for Potash Development

NovoPro – Circum Minerals – Danakil Depression, Ethiopia

- Saline and freshwater aquifers mapped for mine development planning
- Centre loop TEM (Time-domain electromagnetic) survey
- Multiple loop sizes deployed
- 2 month project

Projects

Environmental geophysics project

Stantec, ATCO gas, EnviroTech – Southern Alberta

- Decommissioned oils sites
- Complex geology and environmental history at the sites
- RCV (Rapid conductivity volume) technique deployed at the sites to increase understanding of contamination location **and**
- Collaborative project with engineers, environmental scientists and geophysics to provide efficient and high quality solution

