



# Land Geophysical Survey Services

GeoSurvey Systems Inc uses a wide range of advanced 2D & 3D geophysical survey methods, instruments, data processing, and integrated geologic modeling. The company provides its services for application to oil and gas exploration, minerals exploration and strategic mine development and planning, carbon capture, geothermal, civil & geo-engineering, geotechnical, environmental, and general geologic characterization studies. The company land geophysical survey capabilities include:

- ***2D and 3D High-Resolution Seismic Reflection Surveys***
- ***2D and 3D P & S Wave Seismic Tomography Imaging***
- ***Gradiometer & Magnetometer Surveys***
- ***Electromagnetic Surveys (FDEM and TDEM)***
- ***2D/3D Electrical Resistivity Imaging Surveys***
- ***Land & Airborne Gravity and Ground Based Microgravity Surveys***
- ***2D/3D Vertical Seismic Profiling***
- ***Borehole Geophysical Well Logging***

Whether across open lands, or over difficult and rugged environments, the GSS field staff provides clients with expert geophysical survey and integrated data processing services worldwide. To meet any special client requirements for operation in difficult or environmentally sensitive areas, GeoSurvey Systems can also provide front-end permitting and site reconnaissance studies, archeological and environmental characterization and assessments, survey design and planning, instrument systems integration, and equipment applications design and testing services.



## Survey Applications

- **2D & 3D Oil & Gas Exploration**
- **2D & 3D Minerals Exploration and Strategic Mine Development**
- **Reservoir Characterization for Gas Storage, CO<sup>2</sup> Sequestration, and Injection Well Projects**
- **2D/3D Passive Seismic and Microseismic Studies**
- **Karst Geohazards, Sinkhole, Faults and Fracture Mapping**
- **Archaeological Investigations and Surveys**
- **Bedrock and Stratigraphic Profiling**
- **Geologic Site Characterization for Foundation and Civil Engineering Projects.**
- **Aquifer and Paleo-Channel Mapping**
- **Contaminant Plume Mapping**
- **Hydro-Geologic and Groundwater Studies**
- **Drone Based UXO Mapping Services**