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Service-Disabled Veteran-Owned Small Business



Geophysical Services

Collier Geophysics, Inc. is one of the most experienced geophysical firms in the country. Our geophysical staff has combined experience of over 200 years. Excellent customer service and quality work are our cornerstones. We work with you to select the appropriate approach for a successful survey design that will accomplish your project goals.

GEOPHYSICAL APPLICATIONS

Collier Geophysics can utilize our services on a large variety of applications to assist you in your remote sensing and subsurface detection needs.

- **Hydrogeologic Assessment**
- **Aquifer & Lithologic Mapping**
- **Karst Mapping**
- **Contaminant Delineation**
- **Waste Boundary Delineation**
- **Utility & Buried Object Detection**
- **Void Detection**
- **Geotechnical Characterization**
- **Dams & Levee Assessment**
- **Leak & Seepage Detection**
- **Wind Turbine & Power Plant Foundation Design**
- **Grounding Studies**
- **S & P-Wave**
- **Rippability/ Top of Rock**
- **Pavement and Concrete Assessment**
- **Archeological & Forensic Studies**
- **Marine Surveys**
- **Mines & Mineral Studies**
- **Time Lapsed Monitoring**
- **Oil & Gas Exploration**

DATA INTERGRATION

Collier Geophysics specializes in integrating data and interpretations into solutions for projects from a wide range of disciplines including the following.

- **Engineering**
- **Environmental**
- **Groundwater**
- **Oil & Gas**
- **Mining**
- **Construction**

GEOPHYSICAL METHODS

Collier Geophysics offers a broad range of near-surface *geophysical* exploration methods.

- **Ground Penetrating Radar (GPR)**
- **Electromagnetics (EM)**
- **Reflection , Refraction, & MASW**
- **Cross-Hole**
- **Resistivity, IP**
- **Magnetics (Drone-based)**
- **Gravity**
- **Bathymetric & Sub-Bottom Profiling**
- **Downhole Geophysical Logging**

Collier Geophysics provides a full range of geophysical services to meet your project needs, including: survey planning, data processing, interpretation, and report preparation. We use state-of-the-art geophysical equipment and processing software and utilize 2-D and 3-D data visualization, GIS, and modeling techniques to provide useful solutions.

Leaders in Surface, Marine, & Borehole Geophysics