



Ground Penetrating Radar (GPR)

GeoVerra thrives on exceeding expectations and creating lasting relationships that clients can depend on. The team's service-first mentality, combined with years of work experience, allows them to deliver efficient Ground Penetrating Radar (GPR) solutions.

Our team is made up of licensed land surveyors, project managers, field crews and CAD technicians, focused solely on achieving client objectives through seamless collaboration and providing seasoned expertise you can rely on. With a safety-first mindset, quality assurance and control procedures, coupled with custom solutions and innovative tools, we can provide the best possible service and efficient overall project management.

GPR is a non-destructive method of survey that uses radar pulses triggered by odometer movement to image the sub-surface. This method uses electromagnetic radiation in the radio spectrum, and detects the signals reflected from sub-surface anomalies. GPR is non-invasive, relatively quick and efficient, and highly accurate when used in applicable situations.

Applications

- Utility and buried object locating
- Void and leak detection
- Road evaluation surveys
- Cemetery mapping
- Hazardous waste mapping
- Ice thickness mapping
- Concrete scanning
- Bridge deck scanning
- Geologic profiling

Deliverables

- CAD
- CSV
- Google Earth
- 3D models
- Amplitude slice maps

GPR in Action

- Post tension cable, rebar and conduits
- Water and sanitary lines
- Sub-grade voids
- Gas and electric lines
- Storage tanks

For more information, visit our website or get in touch with your local office at [geoverra.com/contact](https://www.geoverra.com/contact)