

COMPANY PROFILE

Terraprobe Geoscience Corp. is the market leader in GPR concrete scanning and utility location and mapping services. Highly trained technicians and geoscientists utilizing the most advanced GPR equipment available, guarantee you unparalleled reliability and accuracy. Terraprobe: the GPR services company that delivers!

Unmarked Burial Site Location Surveys

Utilizing the Most Advanced Equipment Available

Terraprobe uses the correct radar system for each survey we conduct including the Stream-C multi-antenna array system from IDS - the most advanced Ground Penetrating Radar system for sub-surface surveys available today.

Burial Site Locate Methodology

Standard Single or Dual Antenna GPR Systems.

- When using a single or dual antenna radar system the site survey is conducted using a grid method for data collection. Generally the grid spacing is set at 25cm in order to capture small targets.
- The collected data is then processed using software designed to collate the data and aid the technician in interpreting the results. The software requires input from a GPR specialist experienced in understanding GPR data analysis for this application.

Multi-Antenna Array System

- The Stream-C radar system has a massive array of 34 antennas in two polarizations: This allows for data to be collected in a single direction with effective 5cm line spacing and avoid the time taken for grid setup and two direction radar scans.
- The collected data is processed and a report showing potential burial locations is produced.
- The system can be used manually or towed with a small vehicle, increasing the acquisition speed (up to 6 km/h).
- The Stream-C allows for fast data collection over large areas reducing field time by 50% over single or dual system grid methodology.

Terraprobe handles each survey project with a consultative approach being respectful of the culture and traditions of the clients we serve.

See our website at www.terraprobe.com for further information and downloadable sample reports.

Contact us at: (604) 553-4778 for a free quote, project consultation or more information.

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Single Antenna System Survey in Peace River

Deliverables

- 2D AutoCad drawings
- 3D AutoCad renderings of potential burial site locations
- Google Earth Overlays or UAV (drone) generated map.
- RTK 2cm Accuracy GPS coordinates of buried structures.



Stream-C Sub-Surface Investigation