



## Acronyms

<b>ASCT</b>	Advanced Site Characterization Tools
<b>ATV</b>	Acoustic Televiwer
<b>BTEX</b>	Benzene, Toluene, Ethylbenzene, And Xylenes
<b>CPT</b>	Cone Penetrometer Testing
<b>CSM</b>	Conceptual Site Model
<b>DFN</b>	Discrete Fracture Network
<b>DNAPL</b>	Dense Non-Aqueous Phase Liquid
<b>DyeLIF<sup>®</sup></b>	Dye-Enhanced Laser Induced Fluorescence
<b>EC</b>	Electrical Conductivity
<b>ECD</b>	Electron Capture Detector
<b>EM</b>	Electromagnetic
<b>ERI</b>	Electrical Resistivity Imaging
<b>ERT</b>	Electric Resistivity Tomography
<b>EXIF</b>	Exchange Image File
<b>FAA</b>	Federal Aviation Administration
<b>FACT</b>	Flute Activated Carbon Technique
<b>FDEM</b>	Frequency Domain Electromagnetic
<b>FID</b>	Flame Ionization Detector
<b>FLUTe T</b>	FLUTe Transmissivity Profiler
<b>FLUTe<sup>™</sup></b>	Flexible Liner Underground Technology
<b>FOV</b>	Field of View
<b>GC</b>	Gas Chromatograph
<b>GCP</b>	Ground control Point
<b>GNSS</b>	Global Navigation Satellite System
<b>GPR</b>	Ground Penetrating Radar
<b>GPS</b>	Global Positioning System
<b>GRM</b>	Generalized Reciprocal Method
<b>GSD</b>	Ground Sampling Distance
<b>HPFM</b>	Heat Pulse Flowmeter
<b>HPT</b>	Hydraulic Profiling Tool
<b>HPT-GWP</b>	HPT Groundwater Profiler
<b>HPT-GWS</b>	HPT Groundwater Sampler
<b>IMU</b>	Inertial measurement unit
<b>IR</b>	Infrared
<b>ISO</b>	Sensitivity of Camera Sensor to Light
<b>LED</b>	Light Emitting Diode
<b>LiDAR</b>	Light Detection and Ranging
<b>LIF</b>	Laser-Induced Fluorescence
<b>LNAPL</b>	Light Non-Aqueous Phase Liquid
<b>LWIR</b>	Long-Wave Infrared

<b>MASW</b>	Multichannel Analysis of Surface Waves
<b>MiHPT</b>	Membrane Interface Hydraulic Profiling Tool
<b>MIP</b>	Membrane Interface Probe
<b>MTBE</b>	Methyl Tertiary-Butyl Ether
<b>NAPL</b>	Non-Aqueous Phase Liquid
<b>NMR</b>	Nuclear Magnetic Resonance
<b>NNLS</b>	Non-negative least squares
<b>OIP</b>	Optical Image Profiler
<b>OIP-G</b>	Optical Image Profiler-Green
<b>OTV</b>	Optical Televiewer
<b>PAH</b>	Polycyclic Aromatic Hydrocarbons
<b>PCE</b>	Tetrachloroethene
<b>PID</b>	Photo Ionization Detector
<b>QA</b>	Quality Assurance
<b>QC</b>	Quality Control
<b>RADAR</b>	Radio Detection and Ranging
<b>RE</b>	Reference Emitter
<b>%RE</b>	Response Relative to A Reference Emitter Calibration Standard
<b>ROST</b>	Rapid Optical Screening Tool
<b>RPAS</b>	Remotely piloted aircraft system
<b>RTK</b>	Real-Time Kinematic
<b>SEER</b>	Scenario Evaluator for Electrical Resistivity
<b>SVOC</b>	Semi-Volatile Organic Compound
<b>TarGOST</b>	Tar-Specific Green Optical Screening Tool
<b>TCE</b>	Trichloroethene
<b>TDEM</b>	Time Domain Electromagnetic
<b>UAS</b>	Unmanned Aircraft Systems
<b>UAV</b>	Unmanned Aerial Vehicle
<b>USEPA</b>	United States Environmental Protection Agency
<b>USGS</b>	U.S. Geological Survey
<b>UV</b>	Ultraviolet
<b>UVOST®</b>	Ultraviolet Optical Screening Tool
<b>VIS</b>	Visible Spectrum
<b>VOC</b>	Volatile Organic Compound
<b>VRS</b>	Vertical Resistivity Sounding
<b>Waterloo ASP</b>	Waterloo Advanced Profiling System
<b>XRF</b>	X-Ray Fluorescence
<b>XSD</b>	Halogen Specific Detectors

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