



Printed from: Interstate Technology & Regulatory Council (ITRC). 2019. *Implementing Advanced Site Characterization Tools*. ASCT-1. Washington, D.C.: Interstate Technology & Regulatory Council, Advanced Site Characterization Tools Team. <https://asct-1.itrcweb.org>.

Acronyms

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

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

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