Site Clearance Services

For more information (hgiworld.com)

Site Clearances

- Characterization of contaminant plumes.
- Identifying historic foundations or ground disturbance.
- Underground Storage Tank (UST) mapping.
- Abandoned well location.
- Destining dump or landfill areas.
- Mapping infrastructure at complex sites.
- Void or subsidence mapping.
- Utility locating and boring clearance.
- Mapping structural controls on contaminant movement, bedrock topography, and preferential pathways.

Subsurface Imaging

Innovative Solutions

Site Clearance

The greatest risks and unknowns at redevelopment sites are typically within the subsurface. This can pose significant challenges and require broad site assessments to be conducted by stakeholders. Be it a brownfield site, historic gas station, military base, industrial area, or superfund site, these properties can contain contamination and hidden subsurface infrastructure from previous commercial or industrial usage. The majority of these sites carry great uncertainty due to lack of information and documentation on their historical use.

Geophysical Solutions

Geophysical tools and techniques are a very cost-effective and most practical approach to assess these types of sites and pinpoint problems prior to the traditional intrusive and per-point site investigation methods. Geophysical techniques are easily applied to sites ranging from a single acre to 100’s of acres in size, remote sites to downtown urban areas, paved or dirt ground, and data can often be turned around rapidly.

Site Clearance Example

In the site clearance example below are the results from an electromagnetic survey across an Air Force Base site to map potential historic foundations, utility lines, and areas of disturbed ground. This 12-acre site was surveyed over two days with the electromagnetic method providing information on both the ground conductivity and metallic objects in the subsurface.