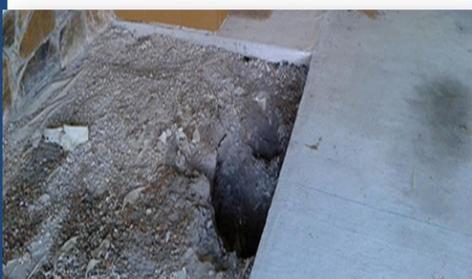
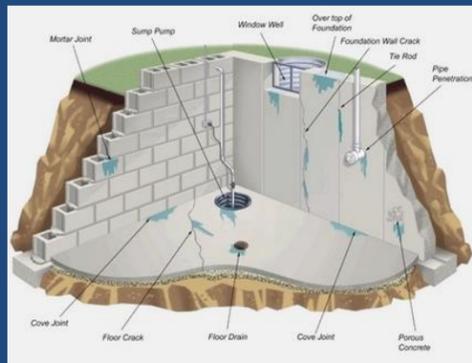


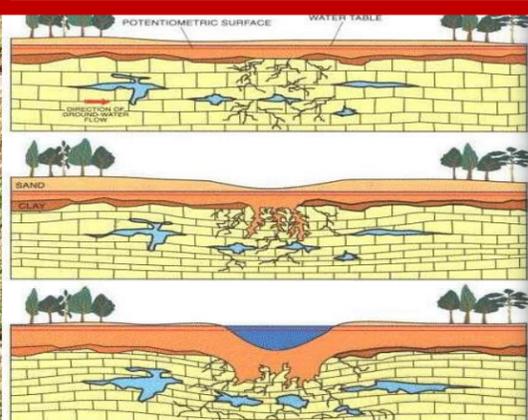
# Ground Penetrating Radar Technology Locate Voids, Sinkholes, Soil Disruptions, Structural Damage, and Concrete Foundation Assessment

# GPR

Conquest SL  
Concrete  
Imaging



The development of voids beneath the surface is a serious hazard, making their early detection an important aspect of infrastructure maintenance and remediation. This becomes critical to prevent major costly damages from occurring. Ameriscan GPR offers low cost vital detection methods in determining subsurface conditions. Ameriscan GPR uses state of the art ground penetrating technology in detecting voids, sinkholes, soil disruptions, and concrete structure integrity. Ground penetrating radar is the most successful technology available to locate voids underground. Ground penetrating radar is a non-destructive geophysical radar used for subsurface exploration and operated by transmitting electromagnetic pulses from an antenna in to the ground capturing reflections of subsurface layers. Ground penetrating radar equipment is effective in identifying areas with changes in physical properties, including hazardous voids. Ameriscan GPR is able to survey areas from a few square feet to entire parking lot areas for voids. With our real time data acquisition capabilities, decisions can be made fast and quick results are given at the end of the survey. Voids typically develop because of erosion, subsidence, subgrade material, and storm surges. Moderate and severe soil disruption is the starting stage where soil has been disrupted from its normal compact stability. Moderate/severe soil disruption then worsens in time either from severe weather or natural occurring erosion. Voids continue to increase in size and then turn in to a sinkhole. Concealed voids post a hazard to structural elements and compromise the load carrying capacity. To detect any problems homeowners must pay attention to any foundation cracks and any soil depression on the property. Early detection of voids is key to avoiding any hazardous damage. Ameriscan GPR will survey your property consisting of home exterior perimeter and foundation walls/ceiling/columns/floors. Ground penetrating radar is NOT X-ray, it uses electromagnetic pulse which is safe compared to harmful radiation that is emitted from X-rays. Ground penetrating radar only needs one side of a structure or surface to record data. Ameriscan GPR provides detailed reports with essential data that can assist in any claims in providing or claiming cases to your insurance provider. Detailed reports provide images, data collected, and thorough descriptions of survey results. Voids are becoming an increasing problem and more complaints have been brought to attention.



# GPR

Noggin 250  
Smartcart



- Locate Voids
- Locate sinkholes
- Locate soil disruptions
- Locate Utilities
- Locate Tanks
- Able to scan 30-50 feet deep
- Non-invasive
- Continuous data collection
- Detailed Reports
- Quick results

Hours  
6am-5pm

CALL  
1-718-392-1313

Check our website for more information  
[www.ameriscangpr.com](http://www.ameriscangpr.com)

- Locate voids in foundation
- 3D-data
- Concrete structures assessment of walls, ceilings, and floors
- Quick results
- Non-invasive
- Access to one side of structure
- Able to scan 18-24 inches deep
- Locate structure steel
- Detailed Reports

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