Geophysical Survey Systems, Inc (GSSI) is the world’s leading manufacturer of ground penetrating radar (GPR) systems. GSSI is internationally known for designing, testing, and building rugged, high-performance equipment. Our GPR systems have been used around the world in the most harsh, demanding environments from the top of Mt. Everest to the bottom of Antarctica and every continent in between.

For over 50 years, we have been at the forefront of innovation in developing systems for non-destructive surveys in the fields of geophysics, archaeology, forensic investigation, infrastructure inspection, public works and transportation infrastructure evaluation.

Notable surveys conducted by our customers have included locating large emerald deposits in North Carolina, locating the remains of a wooly mammoth in Siberia, investigating ancient civilizations and structures in Egypt and Peru, and mapping a safe transit across Antarctica.

Researchers and professionals have been using GPR for geophysical investigation for nearly a century and the applications are seemingly endless. From depth to bedrock, ground water exploration, and ice and snow investigation to geomorphology, bathymetry, stratigraphy and sedimentation, structural investigation (along with geohazards), and prospecting, GSSI offers a wide range of antenna frequencies with never-before-seen depth penetration and data quality.

Geologic and environmental investigations are integral in determining the geology of any work site. GPR remains one of the safest, quickest, and highest resolution survey options available for non-destructive subsurface exploration.

GSSI began as a geophysical company in 1970 and we continue to produce GPR products for the geophysical market that makes exploration and investigation easier. We serve our clients with technical expertise, unparalleled customer support and training, and superior products.