



SubSurface Surveys & Associates, Inc.
An Applied Geophysical Company
858-481-8949

Forensic Geophysics Division

**LOCATING
CLANDESTINE GRAVES
AND BURIED EVIDENCE**





Subsurface Surveys & Associates, Inc
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Our forensic staff, exceeding over 100 years combined experience, includes registered geophysicists and a board certified medicolegal death investigator.

We adhere to strict confidentiality and rules of evidence.

NON-INVASIVE, NON-DESTRUCTIVE TECHNIQUES

It is our commitment to provide law enforcement rapid on-site response within 24 hours notice, 365 days a year.



Ground Penetrating Radar (GPR)

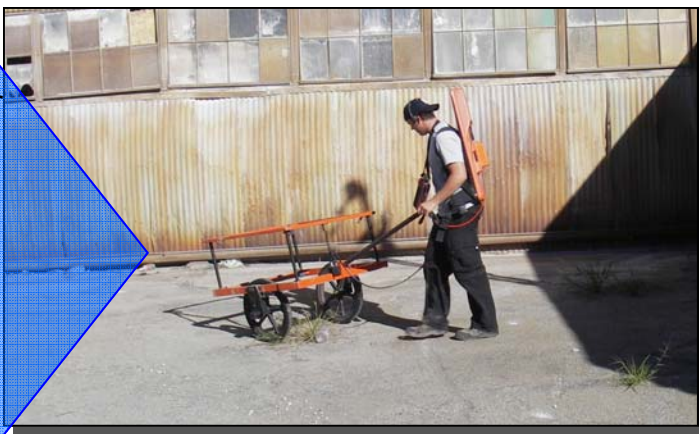
Uses reflected radar energy and can identify areas of backfill and excavation. Extremely portable with real time data.

CRIME SCENE DO NOT CROSS

Electromagnetic Surveys (EM)
An extremely powerful metal detector

Locates

- Buried metal objects
- Metal containers
- Guns, rifles, etc
- Missiles, spent cartridge casings
- Weapons
- Evidence
- Capable of up to 16 feet ground penetration



INVESTIGATIONS

- ACCURATE LOCATION OF BURIALS
- FIND METALIC, NON-METALIC OBJECTS;
- TUNNELS; ARMS CACHES; EVIDENCE/OBJECTS IN WALLS; UNEXPLODED ORDINANCE
- THROUGH-THE-WALL TRACKING OF PEOPLE
- MOST ANY SURFACE

FREE Telephone case consultation



Skeleton crew: Geophysicist Ed Gustafson moves a sensitive radar antenna over possible Old Town grave site beneath concrete. In the background with a recording unit is Pol Maitresse, the group's radar expert.

Scientists give Old Town grave attention

By JEANNE FREEMAN BROOKS
Staff Writer

Thousands of tourists likely have tramped over the graves of early San Diegans who are lying under a concrete sidewalk in Old Town — proving once again there is no rest for the weary, nor, sometimes, dignity.

But more than half a century after city fathers carted off grave markers and laid down a road — San Diego Avenue — directly on top of one end of El Campo Santo cemetery, Lawrence Riveroll has begun seeking the lost.

Last week, thanks to a recent \$50,000 com-

munity development block grant to the Historical Shrine Foundation of San Diego, modern science was brought in to help.

Geophysicists began looking for old bones and coffins with techniques developed to find oil and mineral deposits — deep, penetrating radar and electromagnetic measurements.

Riveroll, whose interest sparked the efforts, says 447 people are known to have been buried under the olive trees in the old Catholic cemetery — including "Irish, English, Mexican. We have Germans, Italians."

From 1849 to 1897, the dead were buried

in El Camp Santo ("The Holy Field") according to their rank in life. High ground was favored.

"Indians and the poor were buried at the base of the cemetery," according to Riveroll, "while the elite were up on the hill."

Over time, all got lost. The plot map was misplaced. Markers were removed. Meticulous scrutiny of old photographs and other clues have led to the rediscovery of only a handful of graves.

See Cemetery on Page B-8

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