

## UTILITY LOCATING & GPR UTILITY SCANNING

REPORT FOR



PROJECT SITE:  
NEWARK, CA

**Attention:** John Doe

**From:** Francisco Rojas

**Reference:** #123456789

### **Scope of Work**

BTL was contracted to provide utility locating and GPR utility scanning services on site in Newark, CA. All utilities were requested to be marked by their appropriate designated utility color. Any unknown utilities are to be marked in pink and marked as “unknown”.

### **RF Utility Locating and GPR Utility Scanning Approach**

#### **BTL Crew**

SUE Foreman: Jaime Carranza Sr

SUE:Techician: Jesse Cardenas

#### **Equipment**

BTL Locating Crews use RF (Radio Frequency) utility locators combined with GPR (Ground Penetrating Radar) to locate known and unknown underground utilities.

#### **Marking Materials**

Markings are done with water based pink paint, pink metal wire flags (bio degradable flags available upon request) and/or wooded laths.

#### **Technical Approach**

BTL crews uses the direct connect method when locating underground utilities. Horizontal accuracy of our locators are 6”on each side of markings, although industry standards by law in California allows for 2 feet on each side of markings. Vertical accuracy “Electronic depths” are strictly an estimate. Our Equipment standards suggest our locators are fall with-in 5% of actual depths. Our GPR equipment for utility scanning consist of a 400 MHz and 200MHz antennas.

#### **Results**

Designated area was marked and located, our technicians ran GPR to see potential unknown utilities or anomalies that could be threats during excavation work. The following utilities have been located and marked; gas, electric, communication, and water.

Standard report was put together to display the utilities on images taken in the field. Images are to be used as visual reference, they are not to scale and should not be used for measurements or anything else than their intended purpose. During preparation of report, the job site was reviewed. Special attention was taken to make sure no other utilities were missed as apart of our quality control procedure.

Respectfully submitted,  
Francisco Rojas  
Bess Testlab Inc.



— SD/SS   
 — Water   
 — Elec   
 — Gas   
 — Unkn   
 — Comm







— SD/SS   
 — Water   
 — Elec   
 — Gas   
 — Unkn   
 — Comm

