

# COMMUNICATION HILL

Mine Stabilization  
San Jose, California

## Client:

SummerHill Homes

## Contract Value:

\$75,000

## Performance Period:

2008—Present

## Technical Areas:

- Land Development  
Environmental Services
- Geotechnical  
Engineering, Geology,  
and Hydrogeology
- Financial and Risk  
Management

## Successes:

SES successfully characterized the underground mine conditions

SES is providing feasible alternatives and associated costs to allow for the safe development of residences



## BACKGROUND

The proposed construction of a new residential housing development is located, in part, over a historic underground mercury mine in the San Jose, California area.

## SES ROLE

SES performed historic research and supervised geophysical surveys to locate and define the underground mine workings. Underground inspections and topographic surveys were completed. Presently, alternatives that provide for future residential development are being evaluated. These include a risk assessment to determine future vulnerability to the proposed development, partial and complete mine backfilling, and internal selective mine support systems.



[www.sesinonline.net](http://www.sesinonline.net)