Geotechnical / Soil-Gas Investigation:

- **G-207**: Geotechnical Rotary-Wash Boring
- **CB-105**: CPT [Geotechnical + Gas - BAT]
- **C-127**: CPT [Geotechnical]
- **S-118**: Geotechnical Sonic Core

Prior ACE Phase Investigations:

- **G-7**: AMEC Geotechnical Exploration

Prior Investigations:

- **CWDD 18**: CWDD Converse Ward Davis Dixon (1981)
- **WWC 4**: Woodward Clyde Consultants (1977)

Symbols Legend:

- Site view of tracks (blue), tunnel outlines (magenta dash) with perpendicular lines representing cross passages. Cross passages on profile not shown.
- Ground-water depth measured during 2009 to 2011 in an observation well, drilled by AMEC and date of measurement.
- Overnight ground-water depth measured in a 2011 boring, drilled by AMEC.
- Geologic contact line (where queried).

Geologic Units:

- **ARTIFICIAL FILL** (undocumented)
- **YOUNGER ALLUVIUM** (Holocene)
  - predominantly sand, silt and clay
- **OLDER ALLUVIUM**
  - varying layers of Silty Sand, Clays/Silty Clay, and Silt with occasional gravel
- **LAKewood FORMATION** (late Pleistocene)
  - Interbedded Silty sands, Silts, and Clays with clayey Sand Layers
- **SAN PEDRO FORMATION** (mid Pleistocene)
  - predominantly greenish gray and bluish gray fine-grained Sands, medium to coarse Sands and some Silt Layers
- **FERNANDO FORMATION** (Pliocene)
  - predominantly massive Siltstone with some Claystone interbeds

Note: All data based on data provided by PB (7/15/2011)