



Ground Improvement and Specialty Piling Contractors

Project Summary

Moss Landing Battery Building
Moss Landing, CA

The Premier Design-Build Geotechnical Contractor™

Displacement Grouted Columns (DGC)



12 Hour Shifts



Bauer Drill Rigs



Production Load Testing



Installation of DGC Elements

Project Description:

Installation of over 600 DGCs for the battery storage facility at the Moss Landing Power Plant. Nominal 16-inch diameter DGCs were specified for a 100-kip design load in order to provide the required bearing capacity beneath the slab-on-grade foundation. The DGCs also served the purpose of limiting total and differential settlements within tolerable limits.

Application:

- ❖ Increase bearing capacity of native soils
- ❖ Mitigate compressibility of clay soils

Geotechnical Conditions:

- ❖ Medium dense poorly graded sand
- ❖ Compressible clay
- ❖ Dense to very dense sand

Design-Build Contractor:

Advanced Geosolutions, Inc (AGI)

Owner: Luminant Moss Landing

General Contractor:

Granite Construction

Geotechnical Engineer:

Terracon Consultants, Inc