

Quarry Hills Recreational Complex, Quincy and Milton, MA

Project Description

The Quarry Hills Recreational Complex was constructed on a 446-acre site in Quincy, and Milton, Massachusetts. The project involved testing and placing nearly 13 million tons of soils, imported from Boston's Central Artery/Tunnel (CA/T) project, to cap four unlined landfills. Quarry Hills Associates' plan involved a multi-sport recreational complex that would seamlessly blend in with the existing features of the surrounding areas and maintain the breathtaking views of downtown Boston and its harbor. Four baseball fields, two soccer fields, a 27-hole championship golf course, hiking trails and rock climbing sites will be in use once completed. By using soil excavated from the CA/T project, almost \$40 million was saved.

GeoTesting Express' Role

GeoTesting Express, Inc. (GTX), working directly for Jacobs Engineering, provided physical properties laboratory testing on all materials imported to the project site. Materials used for various components of the landfill cap included low permeability soil, loam and subgrade.

Over the seven-year project span, GTX picked up bulk and undisturbed samples from the site and brought them to our laboratory for testing.

We provided rapid turnaround on

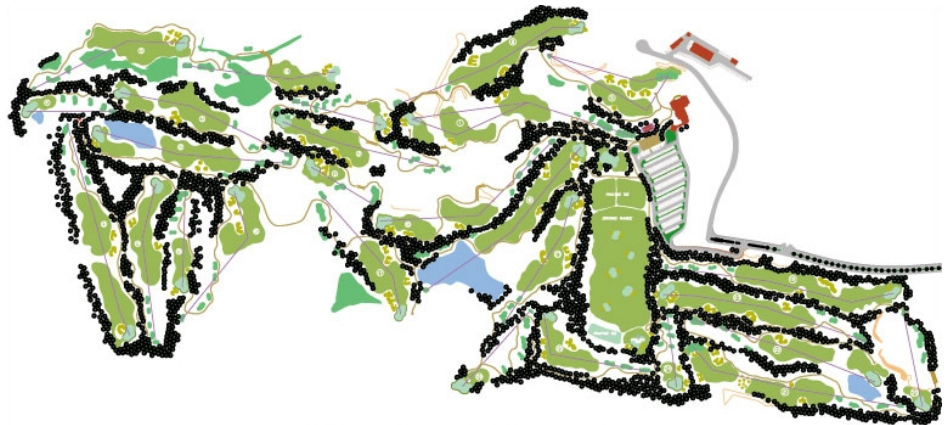
- over 420 permeabilities
- 60 triaxials
- 530 grain size analyses
- 425 Atterberg limits
- and 180 moisture-density tests.

To keep field operations moving, we provided Jacobs with verbal permeability results as soon as testing was complete.

GTX's total fees for the project were in excess of \$220,000.

Benefits to Client

GTX's ability to provide the client with timely sample pick up and test results was extremely important to the success of the project. Our ability to handle large quantities of samples simultaneously kept the project moving forward. Our experience — specifically with Boston blue clay and permeability testing — allowed us to provide the highest quality testing available and the fastest test results.



QUARRY HILLS RECREATION COMPLEX
QUINCY MILTON MASSACHUSETTS