

## **Compass Point Library Service Center**

Client – Geotechnical & Environmental Services, Inc.

Owner - Clark County Library District

Our scope of services has been divided into two (2) tasks, Geotechnical Investigation and Seismic Site Class Evaluation. GES will drill a total of 10 borings at the site to depths between 5 and 20 feet below the existing ground surface. GES will drill 5 borings to a depth of 20 feet and 3 borings to a depth of 10 feet in the areas of the proposed buildings, and 2 borings to a depth of 5 feet in the parking lot area adjacent to the entrances. The total footage drilled will be about 130 lineal feet. Laboratory tests (i.e. Grain Size Distribution, Atterberg Limits, Swell, In-Place Dry Density and Moisture Content, Chemical) will be performed on samples obtained from the borings to evaluate certain physical and engineering parameters. GES will perform one (1) Refraction Microtremor (ReMi) survey to evaluate the average shear wave velocity to a depth of about 100 feet.