

# City of Henderson Gravel Quarry

Client – G.C. Wallace Companies

Owner – City of Henderson



The site is a former gravel quarry located on three parcels with a total area of approximately 171 acres. The City of Henderson is considering the site for development. The northeastern portion of the site has not been excavated; the remainder of the site was excavated to a depth of approximately 5 - 15 feet below the adjacent properties. Groundwater within the excavated portion of the site is relatively shallow and exposed at the surface in places. The soils at the bottom of the former quarry are anticipated to consist of compressible clays and expansive clays. At this time the project is in the predevelopment stage as the City of Henderson develops their plan for development.

GES will subcontract with Eagle Drilling Services, LLC to drill 4 exploratory borings to depths of approximately 30 feet below the existing ground surface at each boring location. GES will log and sample the subsurface soils for laboratory testing. The boring located at the southeast part of the site was converted into a temporary monitoring well and one sample of groundwater was obtained. The groundwater will be analyzed by a subcontracted laboratory for a multitude of contaminants. GES will perform laboratory testing on soils sampled during drilling to evaluate certain engineering properties of the soils. An analysis of selected soils' engineering properties, the results of the groundwater sampling, and preliminary information relevant to site development will be presented to the client. GES will attend up to 4 planning and development meetings with the Client and City of Henderson.