

Las Vegas Springs Preserve

Client – Las Vegas Valley Water District



Exploratory borings and cross hole seismic testing boreholes were drilled to depths ranging from 10 to 130 feet below the present ground surface for a total of 920 linear feet of drilling. The exploratory drilling program also included laboratory testing of undisturbed soil specimens. This is the Las Vegas Springs Preserve project which proposes to develop this parcel into the new: Grand Central Park of Las Vegas, complete with trails and visitor center. A unique requirement associated with the field work included maintenance of a clean site and prevention of tracking and/or wheel rutting in accessing two (2) boring locations. These particular locations were deemed to be highly environmentally and archeologically sensitive. GES completed the work within the four (4) week time frame imposed by the client.

Eagle, through GES, drilled and coordinated nine exploratory borings to depths ranging from 10 feet to 100 feet and the construction of six crosshole seismic testing boreholes to depths ranging from 30 to 100 feet below the existing ground surface with the field personnel and the LVVWD project coordinator. Two exploratory borings were located within environmental and archeologically sensitive areas and involved placement of boards/matting to avoid tire tracks by the drill rig. Each site required containment and disposal of cuttings to preclude evidence of drilling activities and maintain a relatively undisturbed site. Laboratory testing included moisture content and unit weight (density) determination of undisturbed samples. Project included evaluation of the ground surface for the presence of large voids.