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## **APPENDIX B**

### Laboratory Tests

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Moisture Content (ASTM D2216) and Unit Weight (ASTM D2937) determinations were performed on selected samples as an aid in the classification and evaluation of soil properties. The test results are presented on the Logs of Borings at the appropriate sample depths.

One Atterberg Limits test (ASTM D4318) was performed on a selected soil sample to evaluate the liquid and plastic limits and to aid in soil classification. The test results are summarized on the Log of Boring at the appropriate sample depth. Graphic presentation of the test results is provided on Plate B-1.

One Unconfined Compression test (ASTM D2166) was performed on a selected in-situ cohesive soil sample to evaluate the unconfined compressive strength of the soil. The test results are provided on Plate 2.

Two Uniaxial Compression Strength tests (ASTM D7012 Method C) were performed on selected rock cores to evaluate the unconfined compressive strength of the rock formation encountered. Results of the uniaxial compression tests are presented on Plate B-3.