

Client Contact:
**Mr. Scott Woodrow
Armstrong
Consultants, Inc.**

Services Provided:
• **Geotechnical Study**

Project Summary:

Cesare, Inc. (Cesare) performed a geotechnical subsurface study of the proposed apron reconstruction. The existing apron was about 230 linear feet in length and 80 feet in width, and was made of concrete. Boring locations were provided by Armstrong Consultants, Inc. per FFA regulations. The subsurface conditions were explored by drilling two borings to depths of 15 feet. The borings indicated the apron was paved with about 4 inches of concrete with no determinable depth of base course. The subsurface materials encountered consisted of 12 to

13 feet of medium stiff to hard clay, overlying very stiff sandy clay. No groundwater was encountered during the time of drilling. Laboratory testing consisted of moisture/density relationships, gradation properties, Atterberg limits, swell/consolidation tests, water soluble sulfates tests, and California bearing ratio.

