

Enterprise GIS Dataset Stewardship

Data Model

Dataset: i08_SoilsTestData_Initial.gdb

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The candidate geodatabase, i08_SoilsTestData_Initial.gdb, contains two feature classes – soil borings and cone penetrometer tests (CPT). Both are point features that represent the approximate boring or CPT locations. The point features in the soil borings and CPT feature classes have hyperlinks to scanned copies of the boring/CPT logs and uses a domain for the Coordinate_System field. The soil borings feature class is linked to two relationship tables – geometric and material properties table and ULE/NULE D30 data table. The geometric and material properties table is linked to the soil borings features using the Borehole_Code as their common field. It is also linked to two relationship tables – SPT data and stratigraphy, using the BoringID field. The information in this table was taken from DRMS Phase 1 study. The ULE/NULE D30 table is linked to the soil borings and CPT feature classes using the Borehole_Code field.