

GEOTECHNICAL DATABASE AND ARCIMS DEVELOPMENT PROJECT

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ABSTRACT

The Minnesota Department of Transportation has developed an ArcIMS application that allows anyone with access to the internet the ability to graphically search for the location of borings that have been taken for transportation projects. The database includes borings taken since the early 1960's including over 22,000 standard penetration test borings and over 2,000 cone penetration test soundings.

The ArcIMS application allows the user to perform ArcView type functions without having to have ArcView. The application begins with a map of Minnesota. The user can either graphically zoom into an area to determine if any borings were taken or do a database search by details such as state project number, highway, county, etc. Once the desired borings or soundings are located the user can display or print a pdf file of the actual log.