

A geographical information system approach to geotechnical data

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The Geological Survey Branch of the Department of Natural Resources has been collecting data on the quality and distribution of the province's aggregate resources for about twenty years. Over this time frame the methods used to store and manage this data have undergone several transformations as the volume of data increased and technologies improved.

The current system involves several PC databases and associated maps prepared separately by the responsible groups.

The lack of a graphical interface and the limitations of accessibility and data presentation leads to a time consuming and repetitive exercise when handling the user groups requests. We see the development of a geographical information system as a productive step in addressing the needs of our user groups and for managing the ever increasing volume of data.