APPENDIX E

Geology and Hydrogeology

1 GENERAL

This Appendix contains all the geologic profiles that were used to develop the geologic model for the Lake Toho ISGM.

Table 1 contains a list of data files and utility programs that were used to develop geologic model.

2 GEOLOGICAL PROFILES

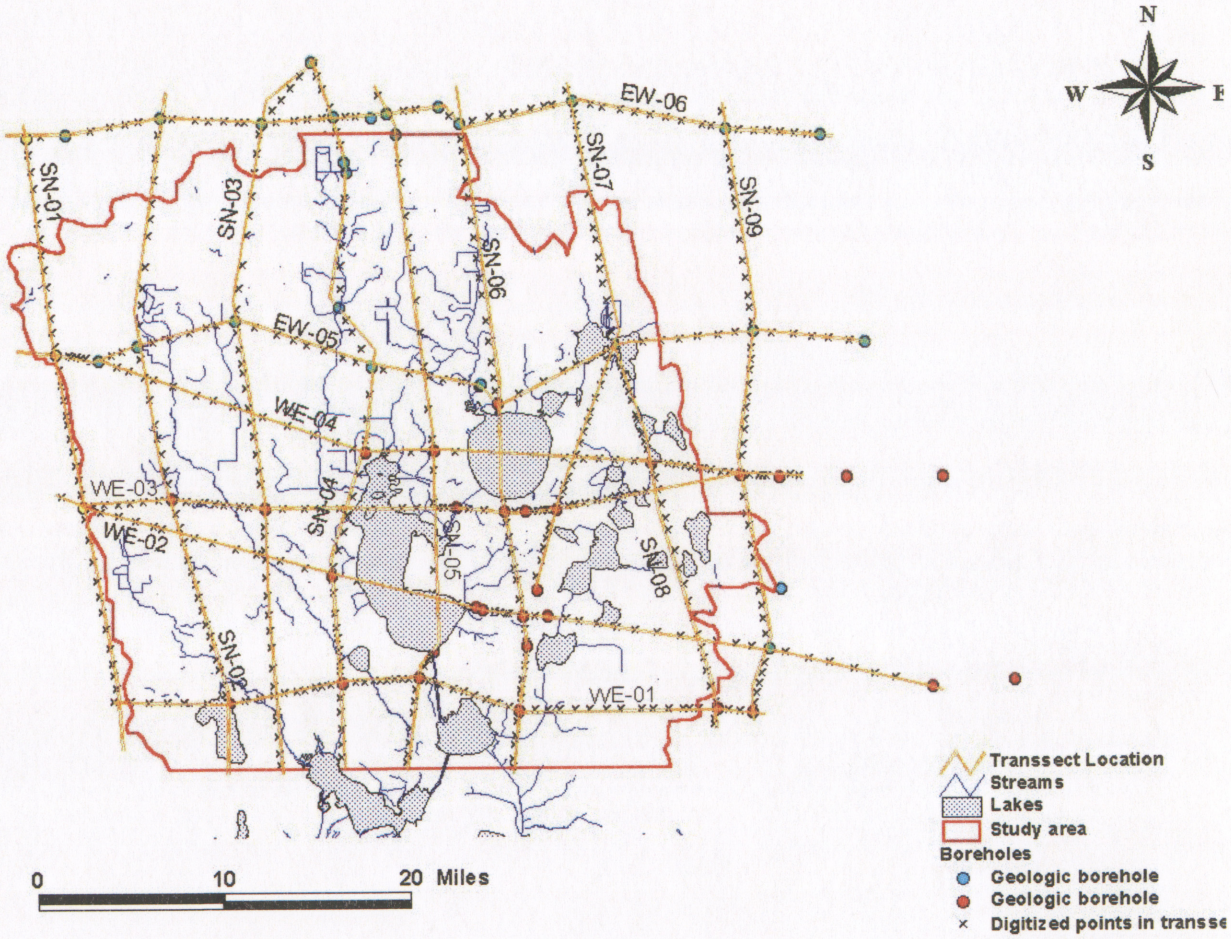

Figure 2-1 Geologic Transsects Used to Develop the Geologic Model.

SN-01

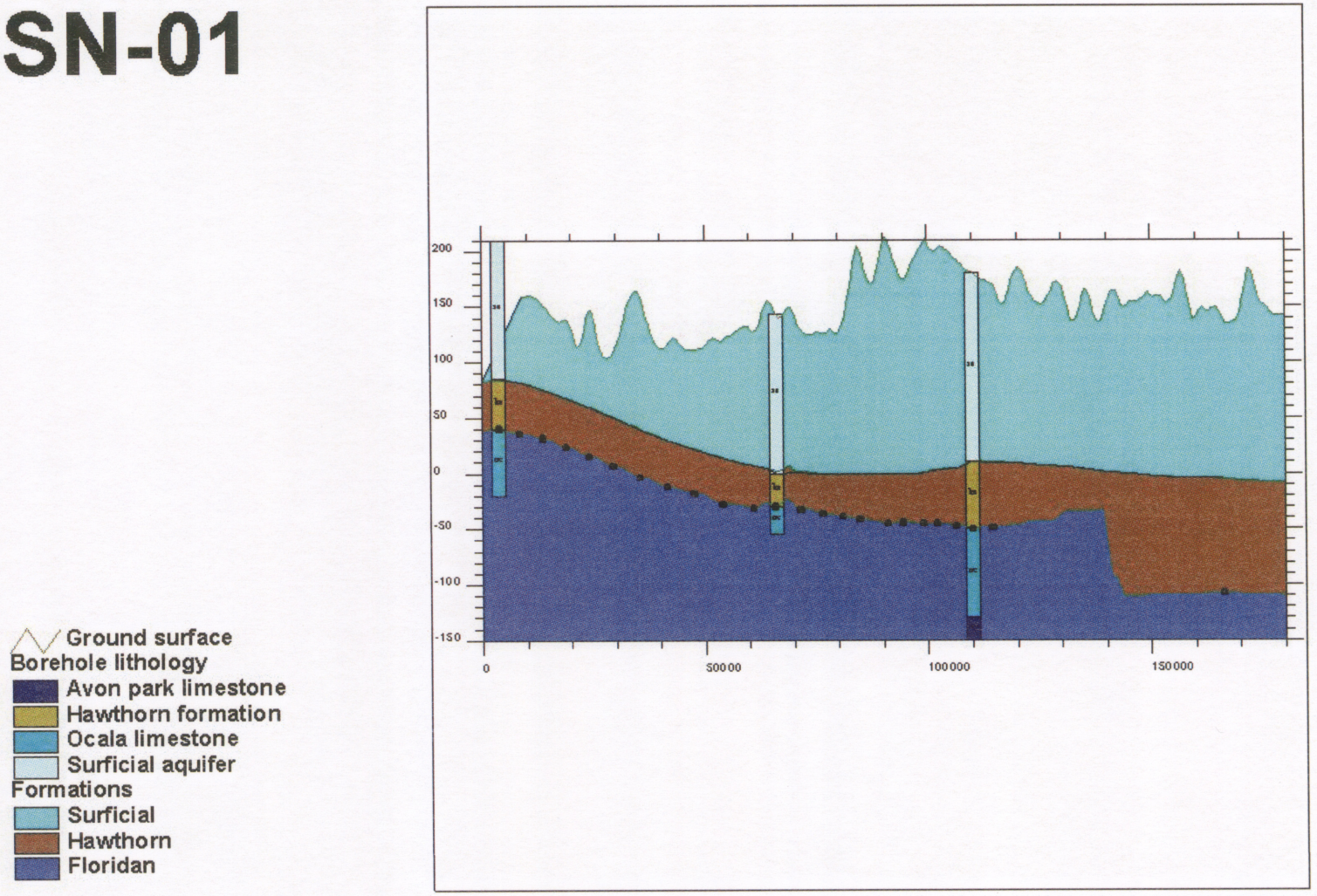

Figure 2-2 Geologic Transsect SN-01 including geologic boreholes and digitized layers

SN-02

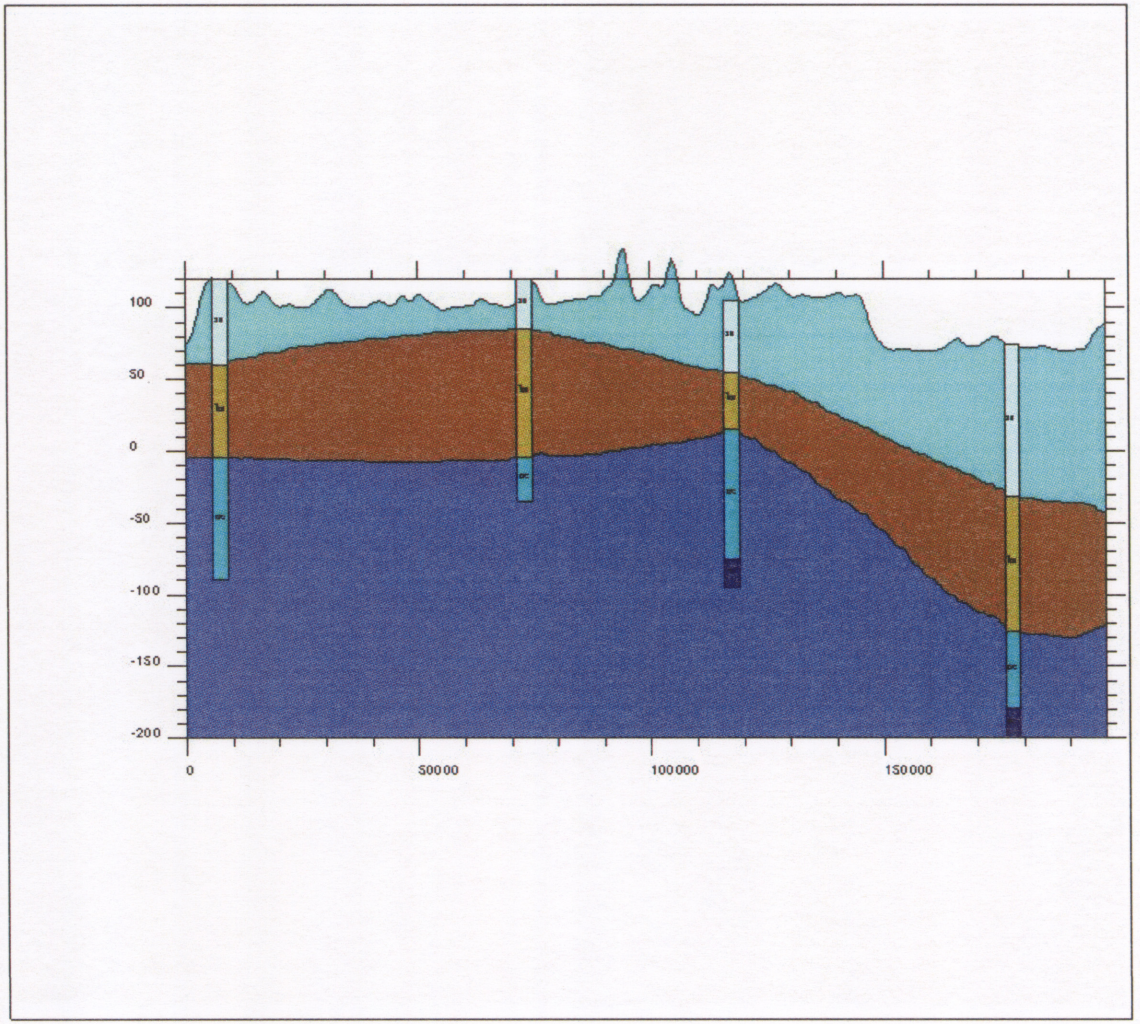

Figure 2-3 Geologic Transsect SN-02 including geologic boreholes and digitized layers

SN-03

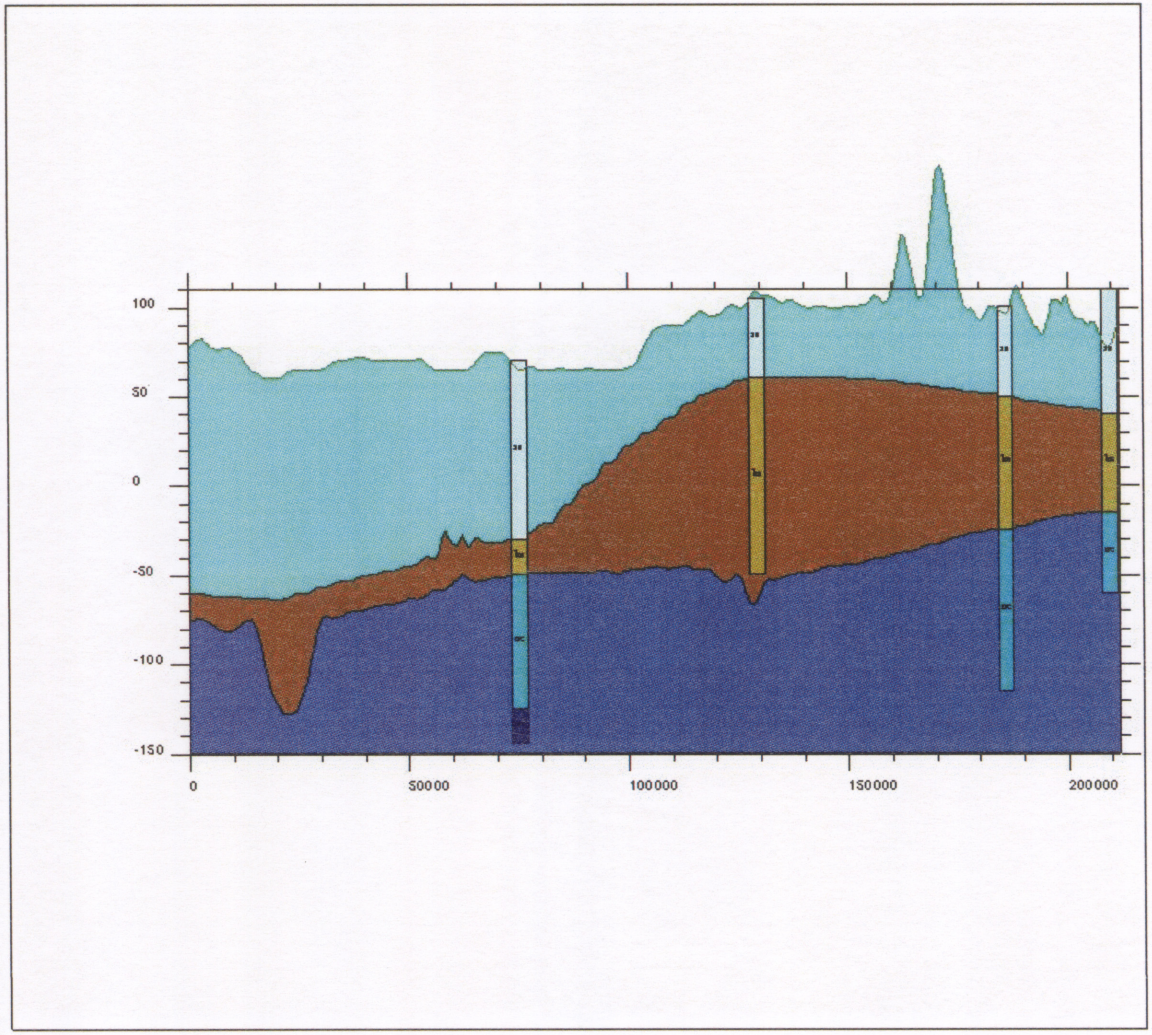

Figure 2-4 Geologic Transsect SN-03 including geologic boreholes and digitized layers

SN-04

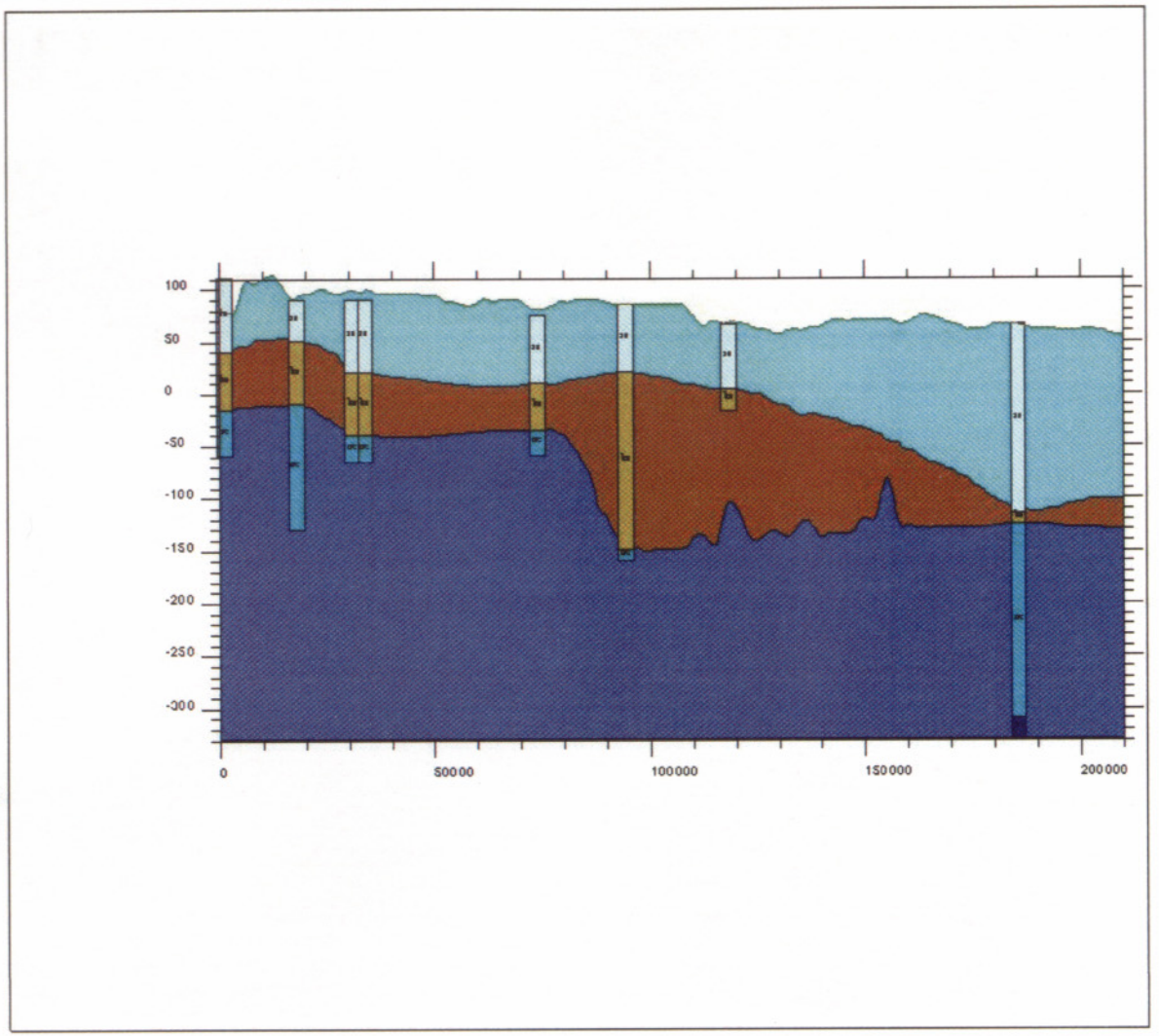

Figure 2-5 Geologic Transsect SN-04 including geologic boreholes and digitized layers

SN-05

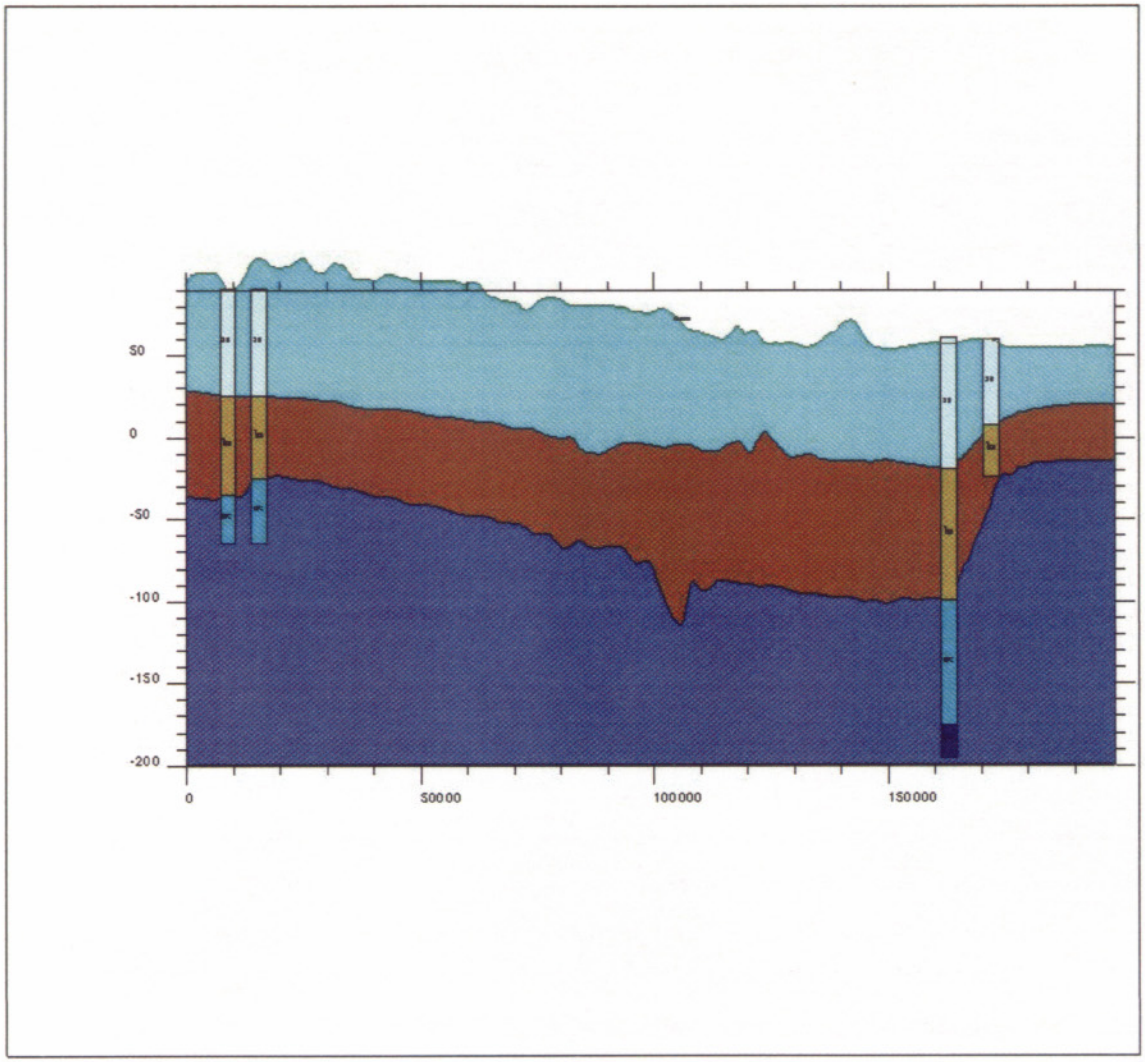

Figure 2-6 Geologic Transsect SN-05 including geologic boreholes and digitized layers

SN-06

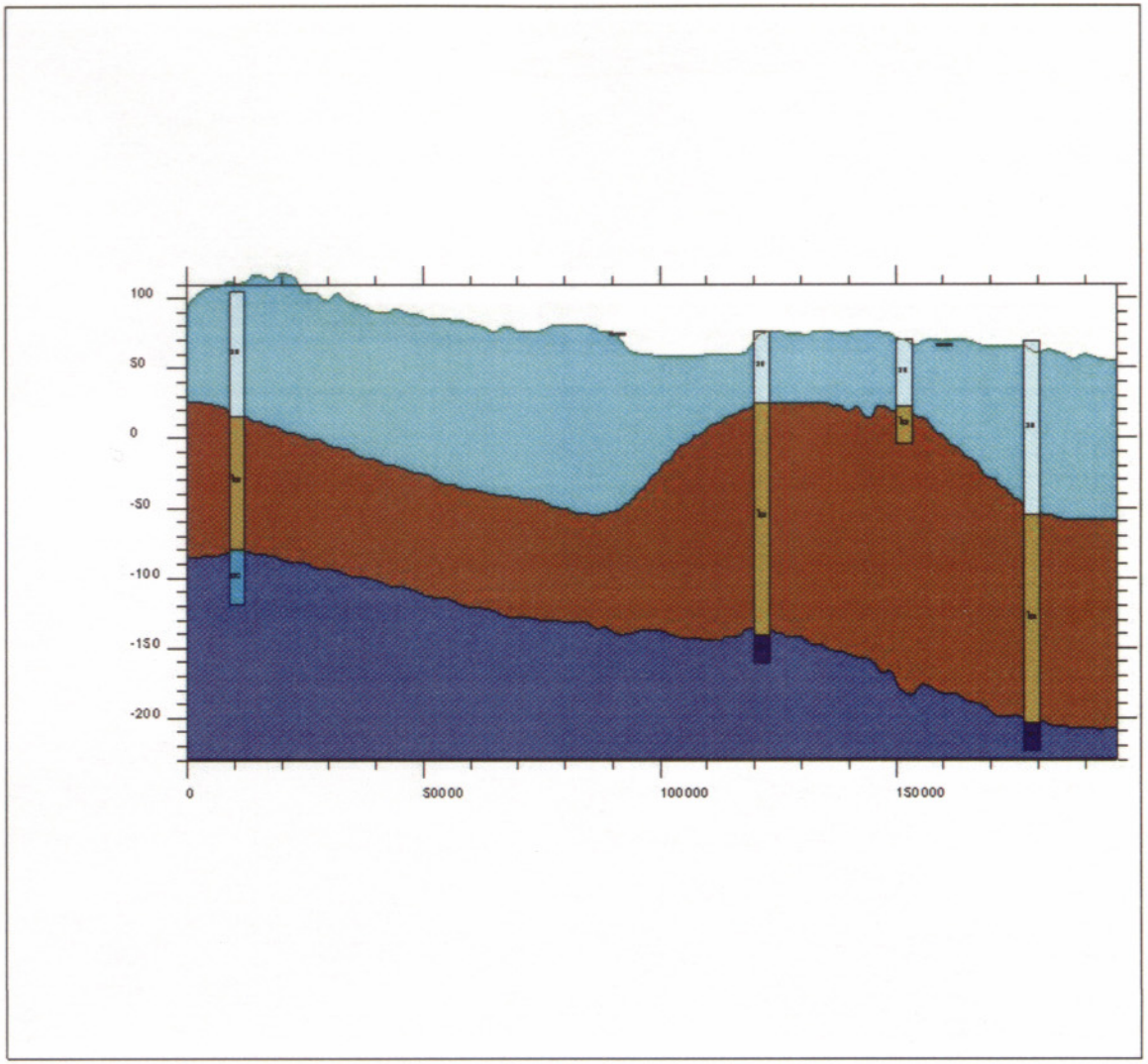

Figure 2-7 Geologic Transsect SN-06 including geologic boreholes and digitized layers

SN-08

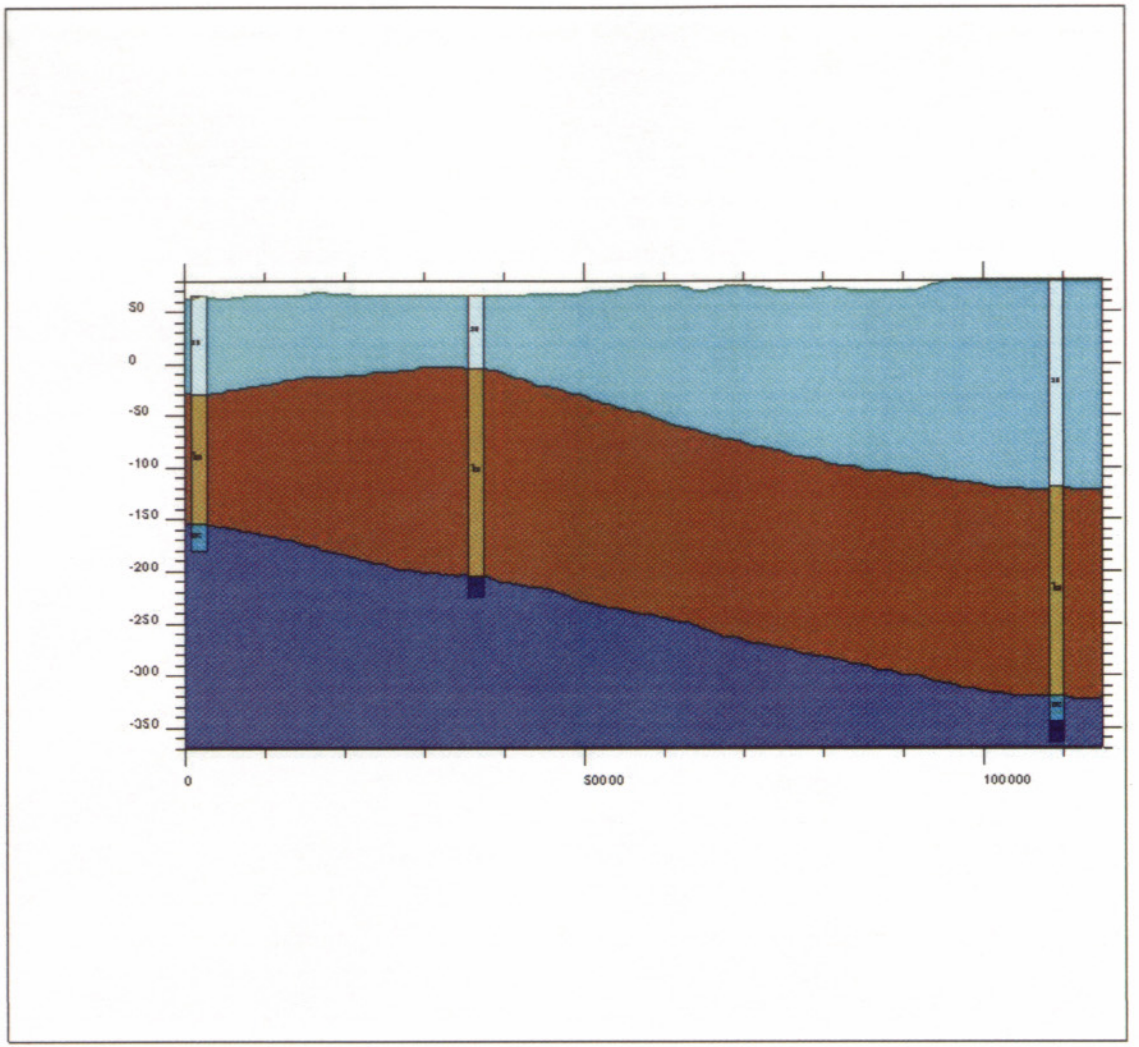

Figure 2-8 Geologic Transsect SN-08 including geologic boreholes and digitized layers

SN-09

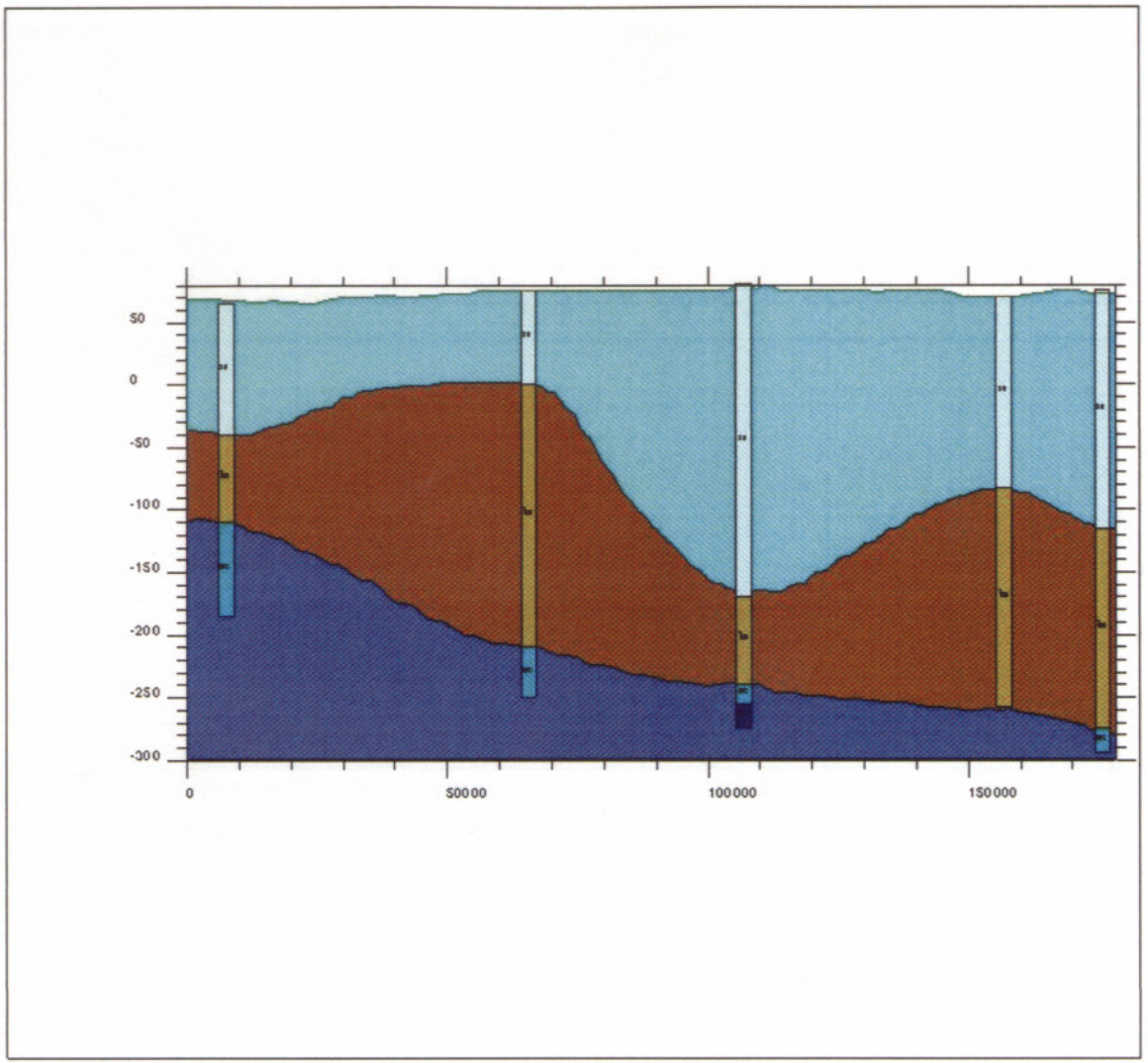

Figure 2-9 Geologic Transsect SN-09 including geologic boreholes and digitized layers

WE-01

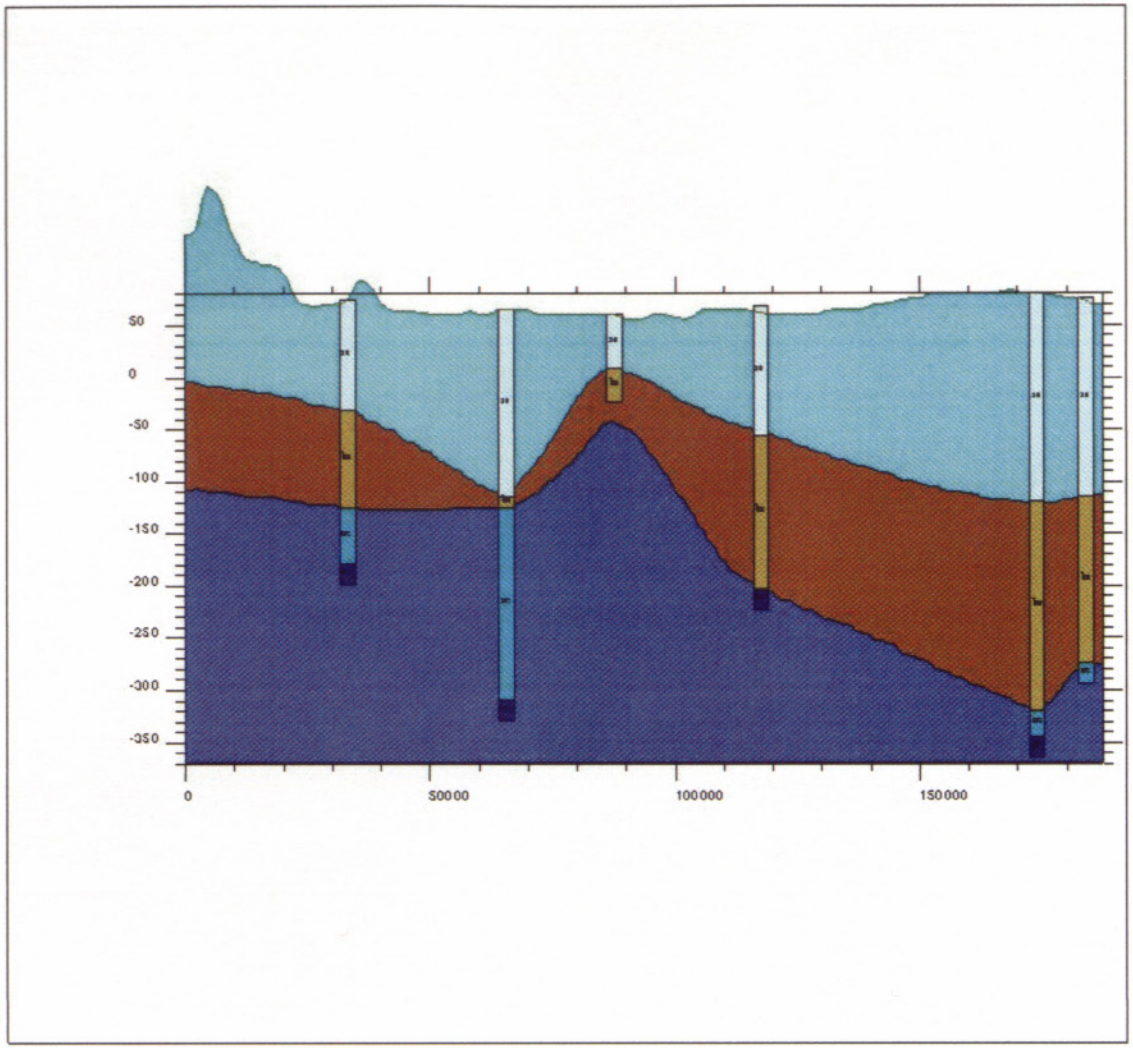

Figure 2-10 Geologic Transsect WE-01 including geologic boreholes and digitized layers

WE-02

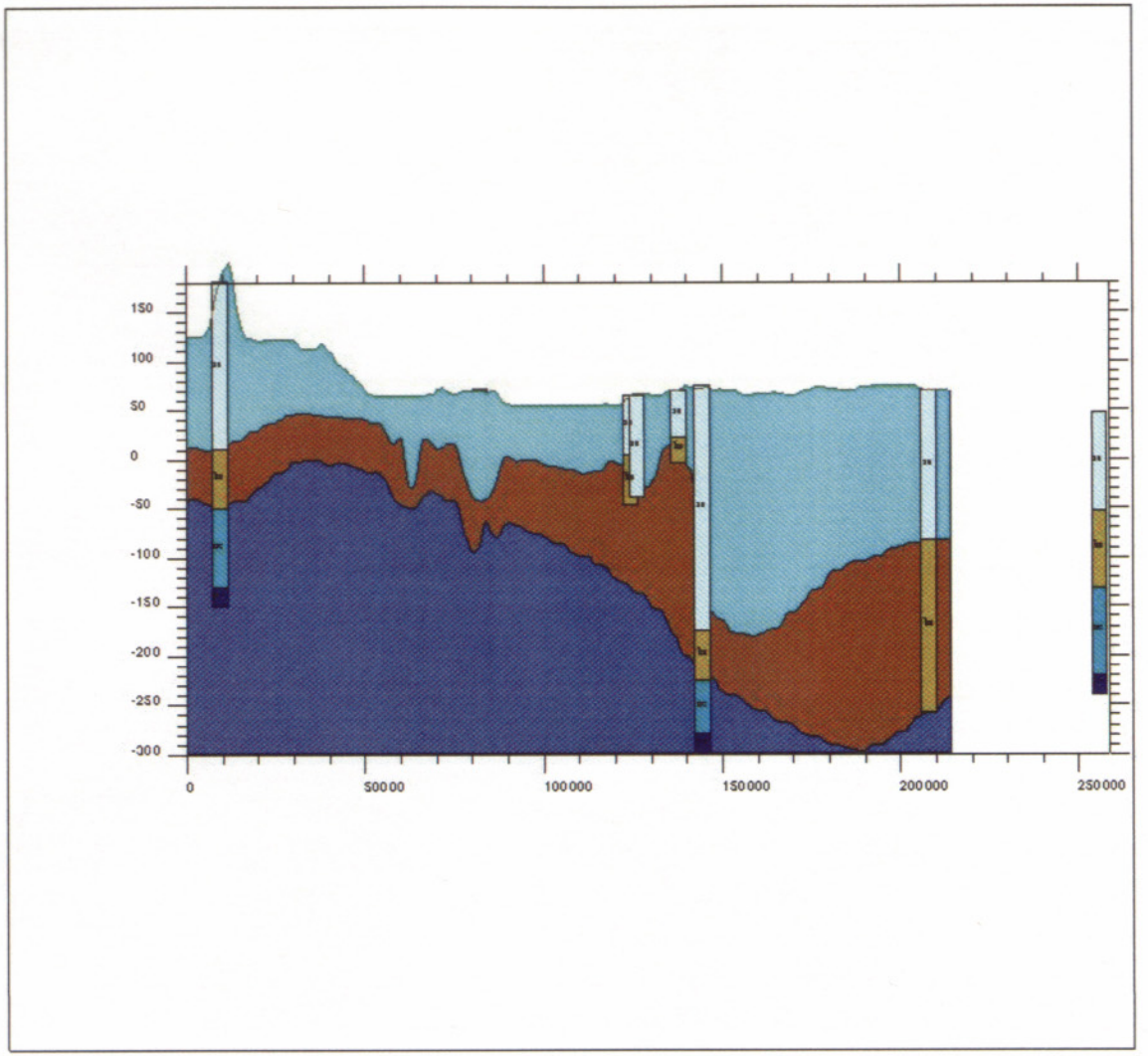

Figure 2-11 Geologic Transsect WE-02 including geologic boreholes and digitized layers

WE-03

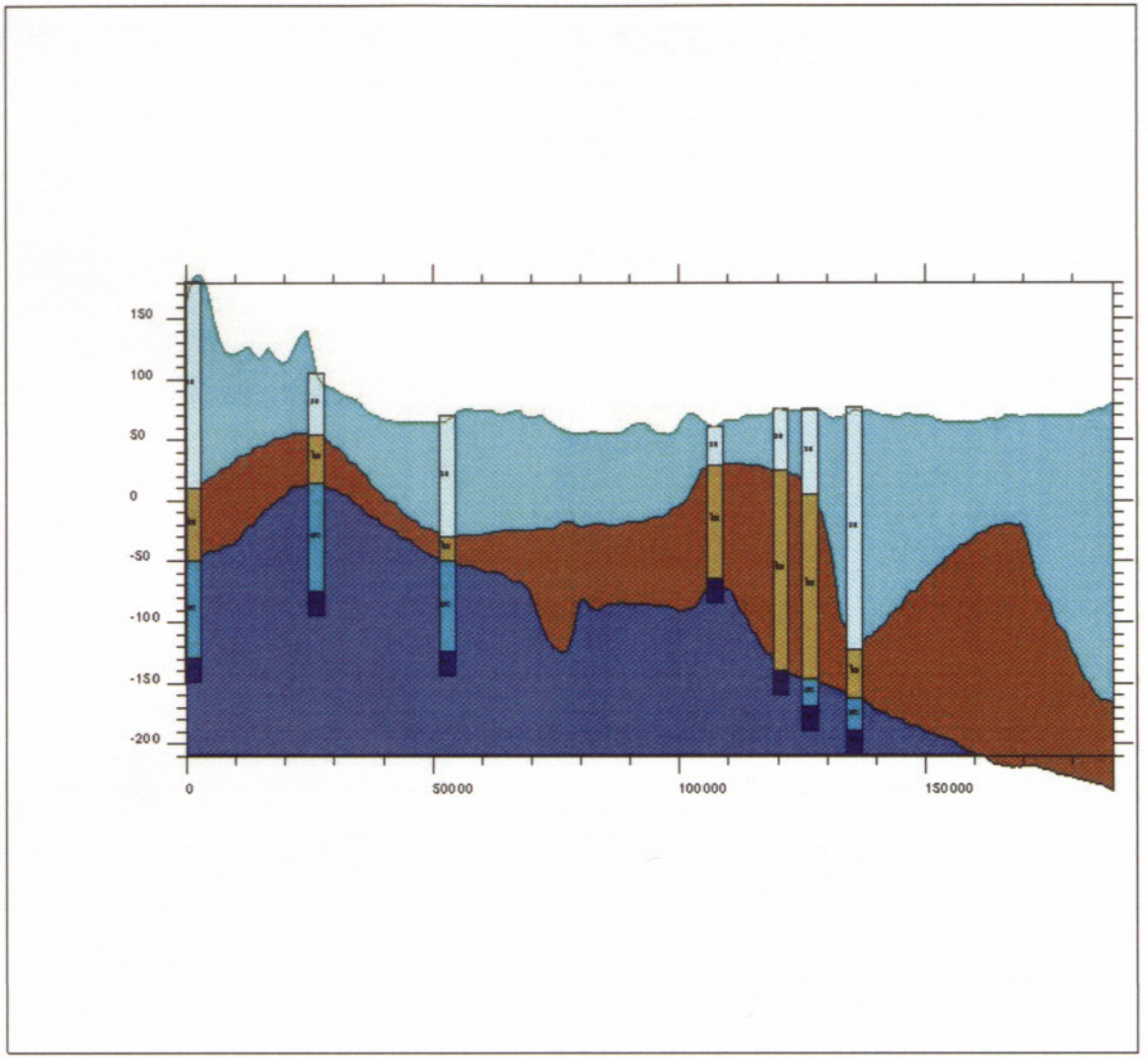

Figure 2-12 Geologic Transsect WE-03 including geologic boreholes and digitized layers

WE-04

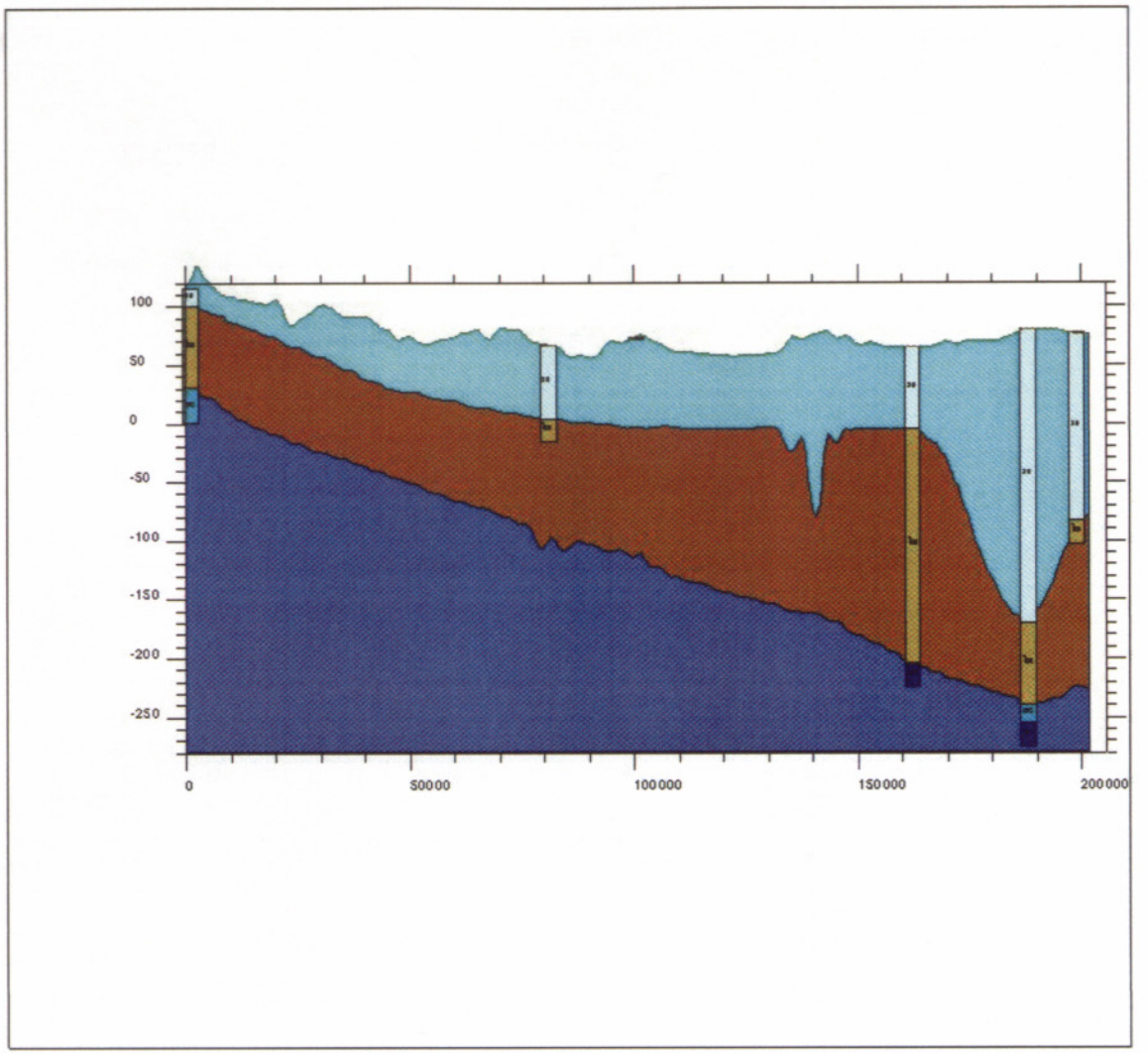

Figure 2-13 Geologic Transsect WE-04 including geologic boreholes and digitized layers

EW-05

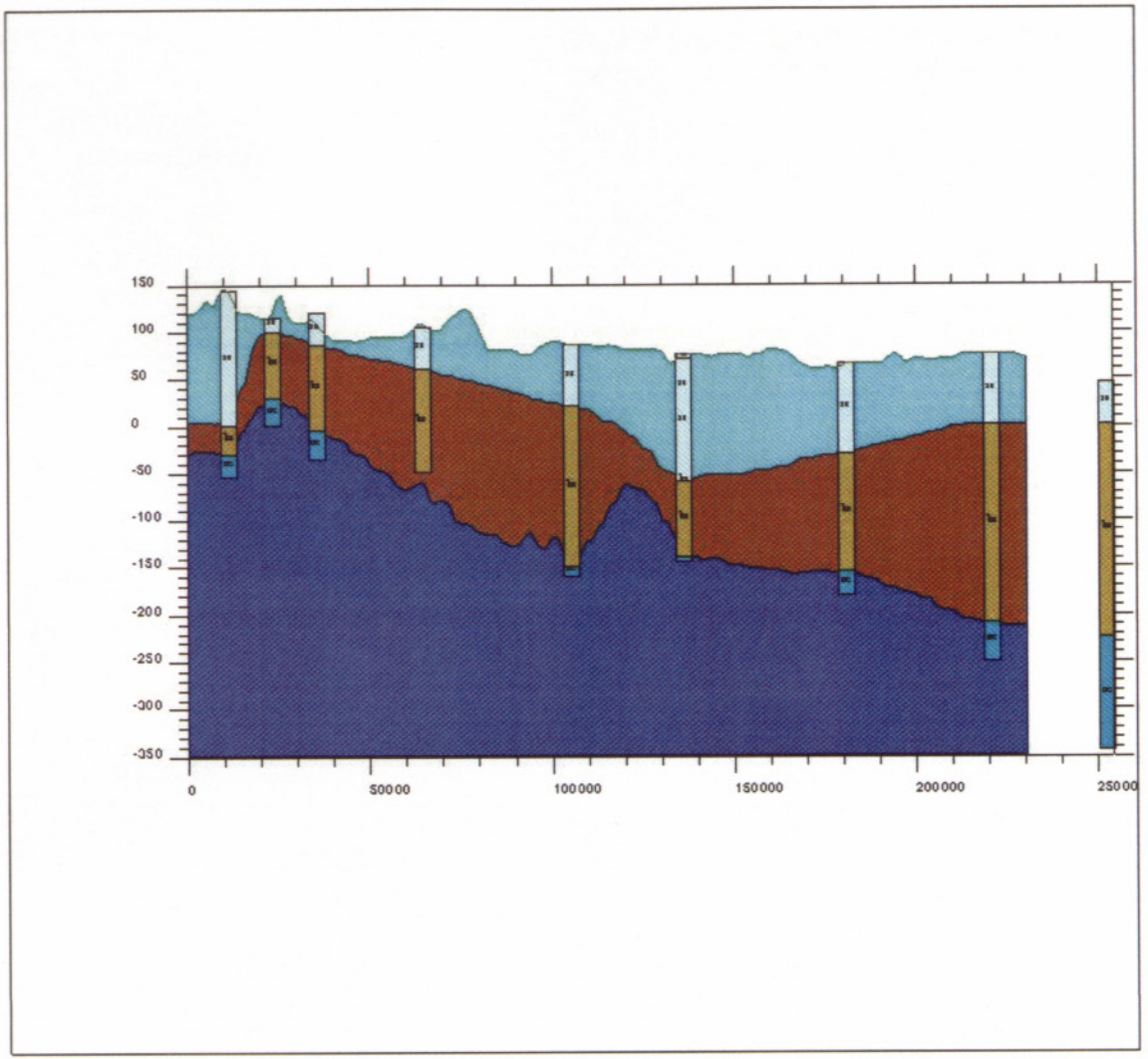

Figure 2-14 Geologic Transsect WE-05 including geologic boreholes and digitized layers

EW-06

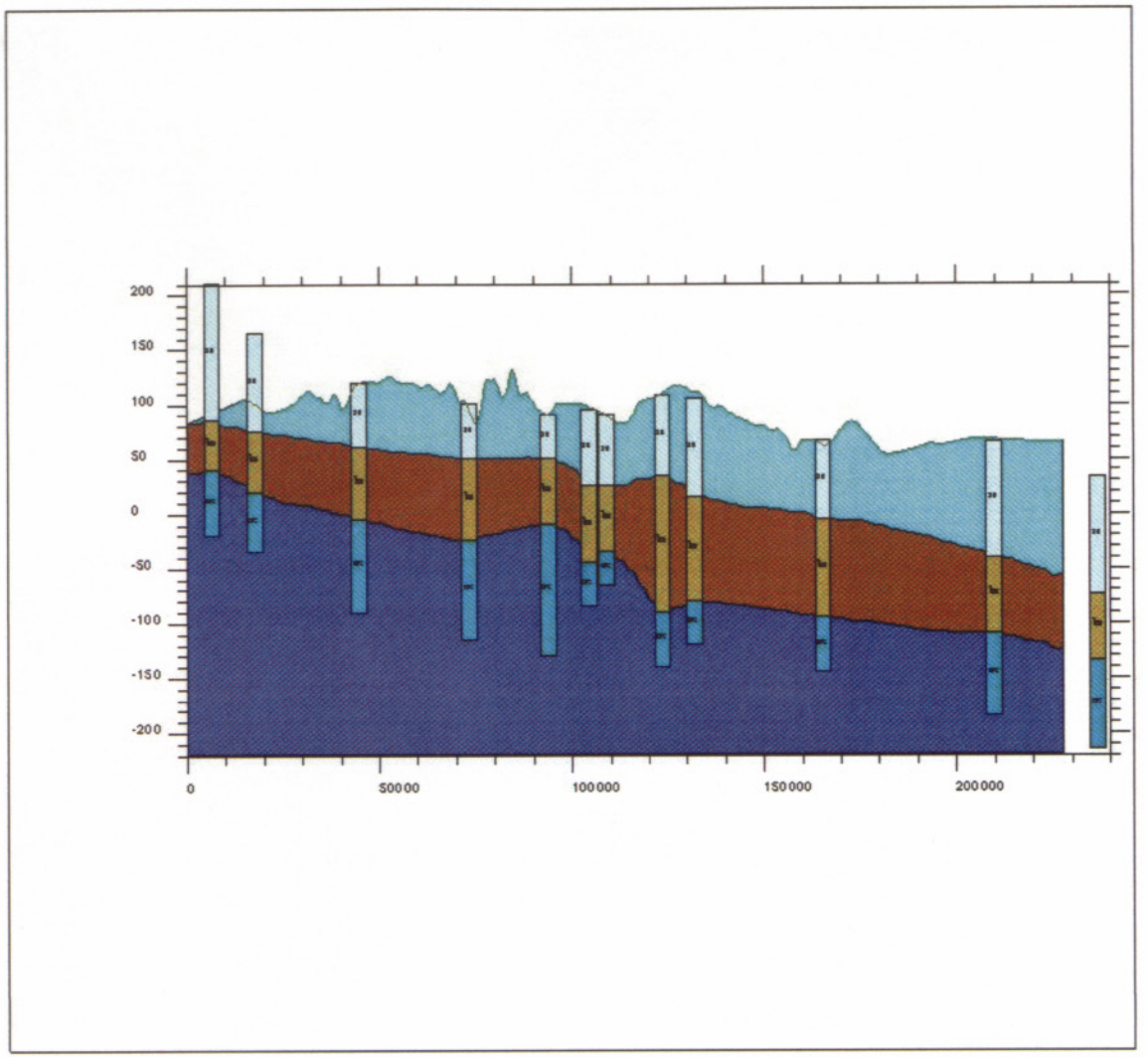

Figure 2-15 Geologic Transsect WE-06 including geologic boreholes and digitized layers

Bottom of Surficial Aquifer

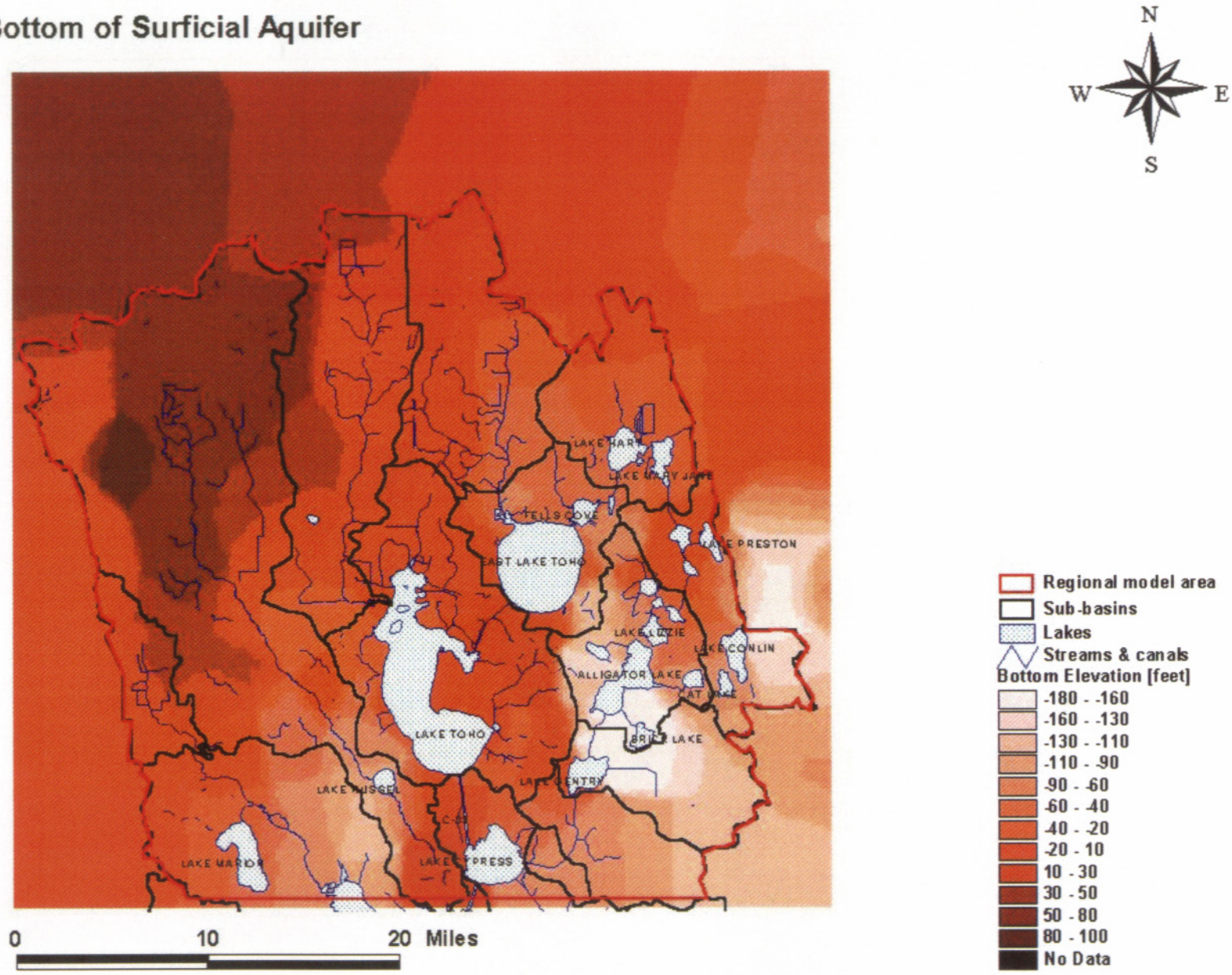

Figure 2-16 Bottom of Surficial Aquifer.

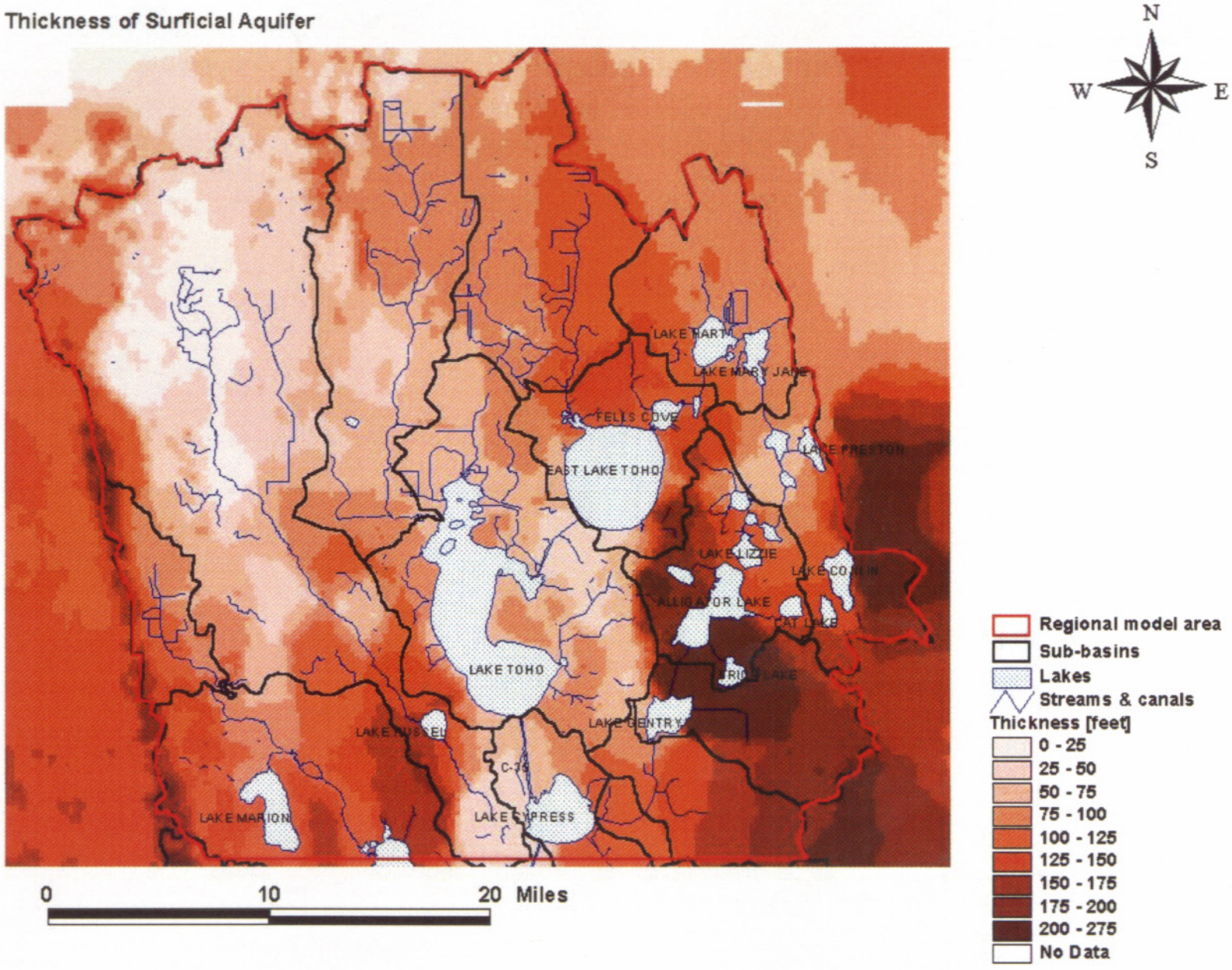

Figure 2-17 Thickness of Surficial Aquifer

Thickness of Hawthorn Formation

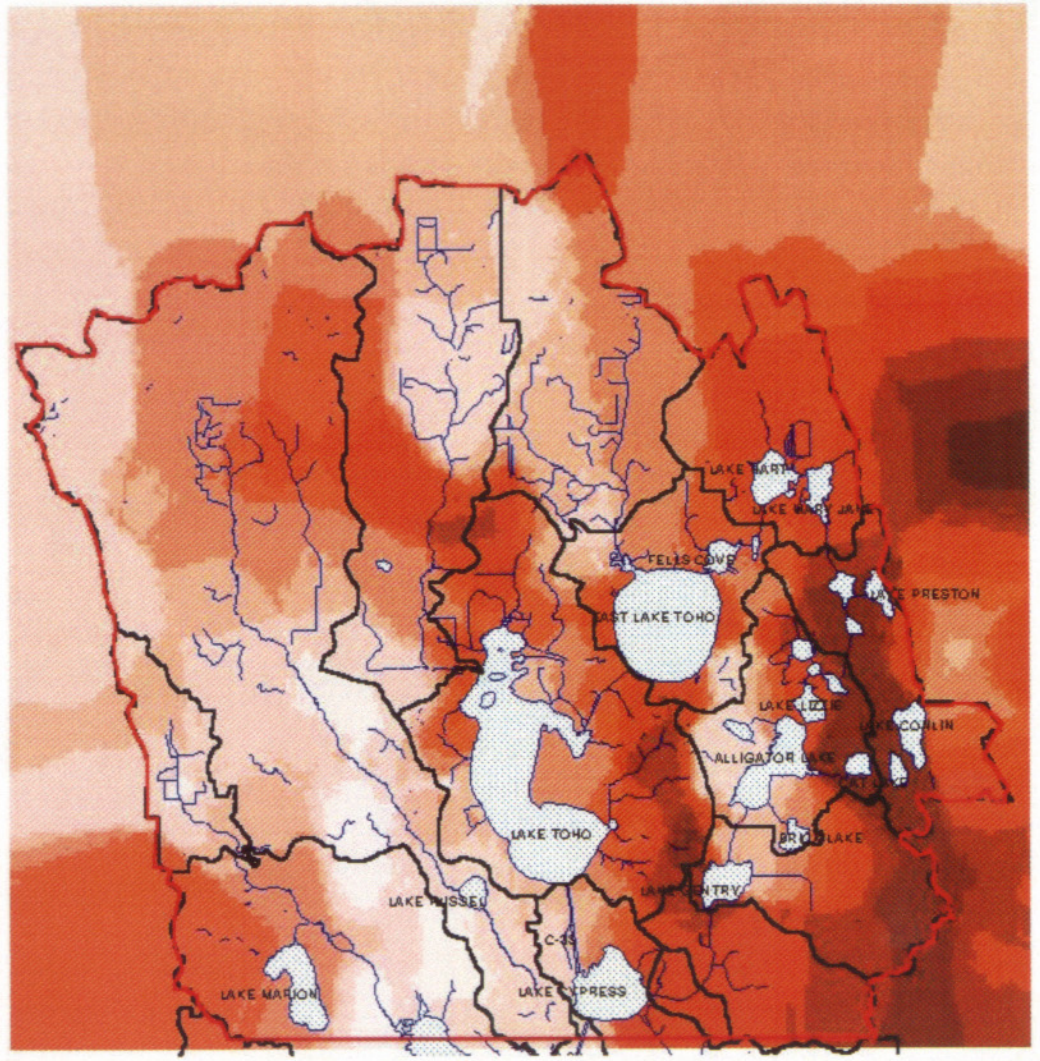

Figure 2-18 Thickness of Hawthorn Formation

2.1 Data and Programs Used for the Geologic Model Development

Table 1 List of Data Files and Utility Programs Used to Develop the Geologic Model

Description	Data File on Project CD-rom	Comments/file type
Lithologic data for geologic boreholes	GeoEditor/*lit.dbf	Dbf file for DHI geoeditor. Also compatible with EXCEL.
Administrative data for geologic boreholes	GeoEditor/*Adm.dbf	Dbf file for DHI geoeditor. Also compatible with EXCEL.
ArcView GeoEditor Project File	GeoEditor/tohonew.apr	ArcView apr file for GeoEditor project