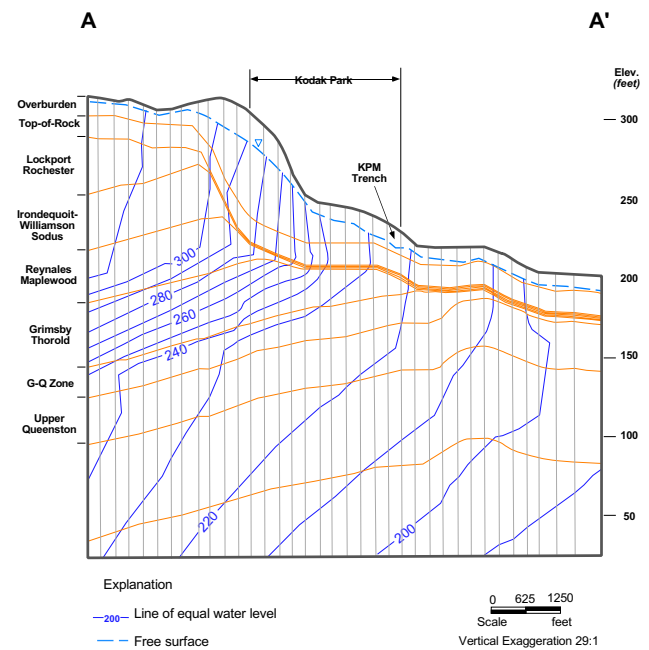


Outline Of Regional and Detailed Model Areas



North-South Hydrogeologic Cross Section Along A-A', 1992 -1993

Kodak Park Area, Rochester, New York

Facility

Film manufacturing and processing operation.

Problem

Contamination of glacial tills and lacustrine deposits, and underlying Palaeozoic sediments.

Geologic/Hydrogeologic Conditions

Glacial till and lacustrine deposits overlying shallow-dipping sequence of Silurian-age sandstone and Ordovician-age shales, fine sands and siltstones. Seasonally fluctuating water-table between overburden and bedrock.

SSP&A's Role

SSP&A developed calibrated, and applied a three-dimensional ground water flow model to test proposed remedial measures. Modeled features included subsurface drains, tunnels, sewers, wells and streams. Regional and local scale models were developed, and the MODIME zoom facility employed. Performed Corrective Measure Studies for WIA-KPW and NE-KPE.

Software

ModIME (MODFLOW Integrated Modeling Environment)
Path3D particle tracking code.