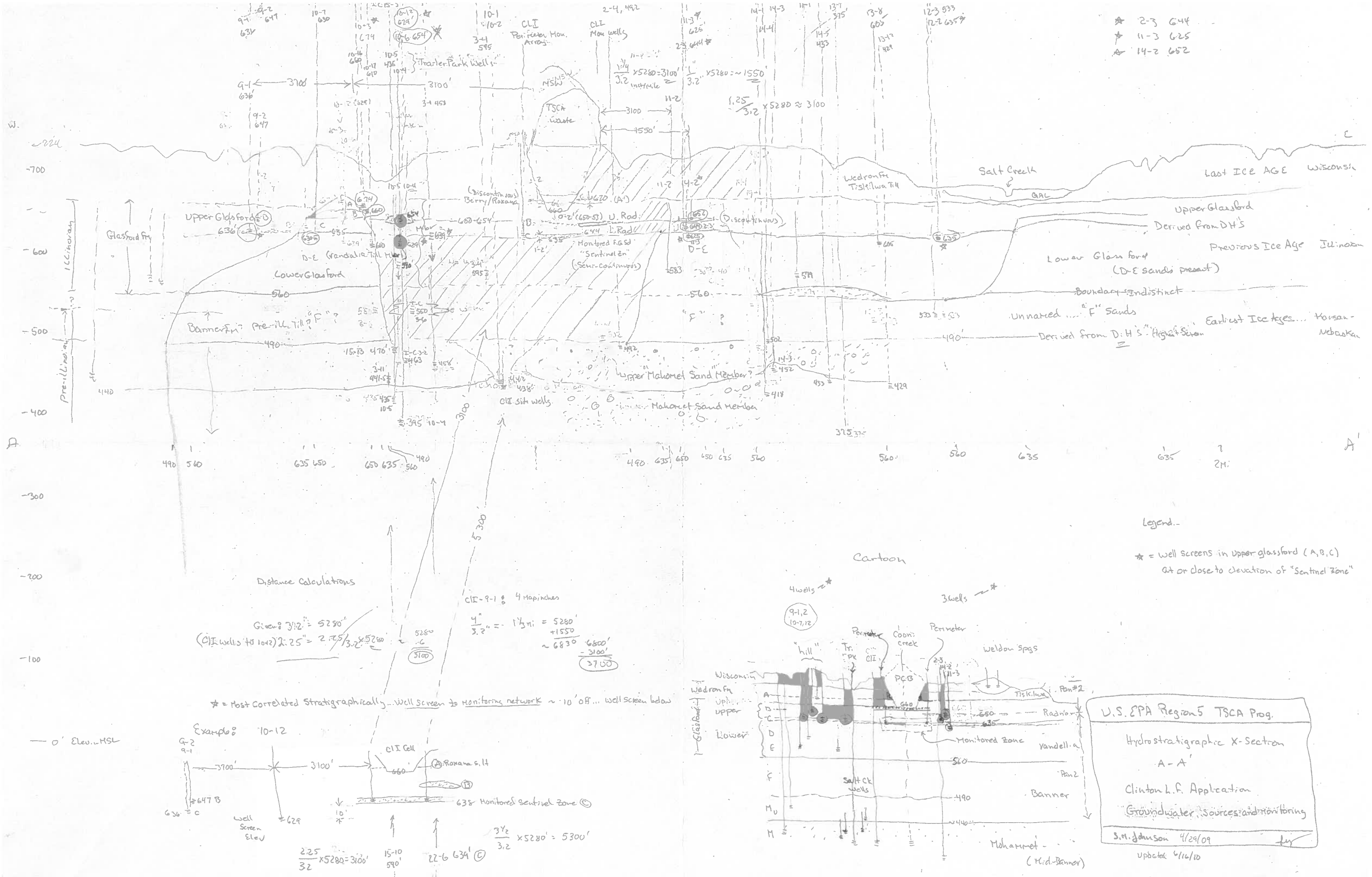
US EPA ARCHIVE DOCUMENT



Trailer Park Wells
CLI Perimeter Mon. Array
CLI Mon wells
TSCA waste
Salt Creek
Last Ice Age
Wisconsin
Wedron Fm Tiskilwa Till
Upper Glasford
Glasford Fm
Illinoian
Pre-Illinoian
Lower Glasford
Banner Fm
Pre-Ill. Till
Monitored F.G.Sd "Sentinel Zn" (Semi-continuous)
Upper Mahomet Sand Member
Mahomet Sand Member
Derived from D.H.'s
Previous Ice Age
Lower Glasford (D-E sands present)
Boundary Indistinct
Unnamed "F" Sands
Earliest Ice Ages... Kansan-Nebraskan
Derived from D.H.'s "Highest Screen"
CLI Site wells
Distance Calculations
Given: 3½" = 5280'
(CLI wells to 10-12) 2.25" = 2.25/3.2 x 5280
CLI-9-1: 4 Map inches
4"/3.2" = 1⅓ mi = 5280' + 1550 ~ 6830
6800' - 3100' = 3700
★ = Most Correlated Stratigraphically... Well Screen to Monitoring network ~ 10' off... well screen below
Example: 10-12
CLI Cell
Roxana Silt
638 Monitored Sentinel Zone
Well Screen Elev
2.25/3.2 x 5280 = 3100'
3½/3.2 x 5280' = 5300'
Legend..
★ = well screens in upper glassford (A,B,C) at or close to elevation of "Sentinel Zone"
Cartoon
4 wells
3 wells
"hill"
Perimeter
Coon Creek
Weldon Spgs
Wisconsin
Wedron Fm
Upper
Lower
Glasford
Monitored Zone
Salt Ck wells
Banner
Mohammet (Mid-Banner)
U.S. EPA Region 5 TSCA Prog.
Hydrostratigraphic X-Section
A - A'
Clinton L.F. Application
Groundwater Sources and Monitoring
S.M. Johnson 4/29/09
Updated 6/16/10