



- Explanation**
- ◆ Shallow Wells (screened in glacial outwash/till and/or St. Peter Sandstone)
 - ◆ Wells screened in Prairie Du Chien aquifer
 - ◆ Wells screened in Jordan aquifer
- Model Residual (Observed - Simulated)
- 1.35 Layer 1 Residual
 - 3.31 Layer 2 Residual
 - 1.08 Layer 3 Residual
- DNR Monitoring Well
 - Aggregate Boring Locations
 - Rosemount Wells
 - ⊕ USGS Gauging Station
- Simulated Groundwater Contours
- Model Layer 1 (10 ft interval)
 - Model Layer 2 (10 ft interval)
 - Model Layer 3 (10 ft interval)
 - - - Approximate location of groundwater divide for Shallow Aquifer
 - ▭ Proposed Mining Area
 - Open Water

Y:\GIS\Projects\Empire_Township\maps\Simulated GW Contours.mxd

Sand & Gravel Mining and Accessory Uses

Figure 5R
Simulated Groundwater Contours

