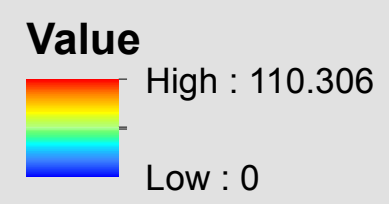


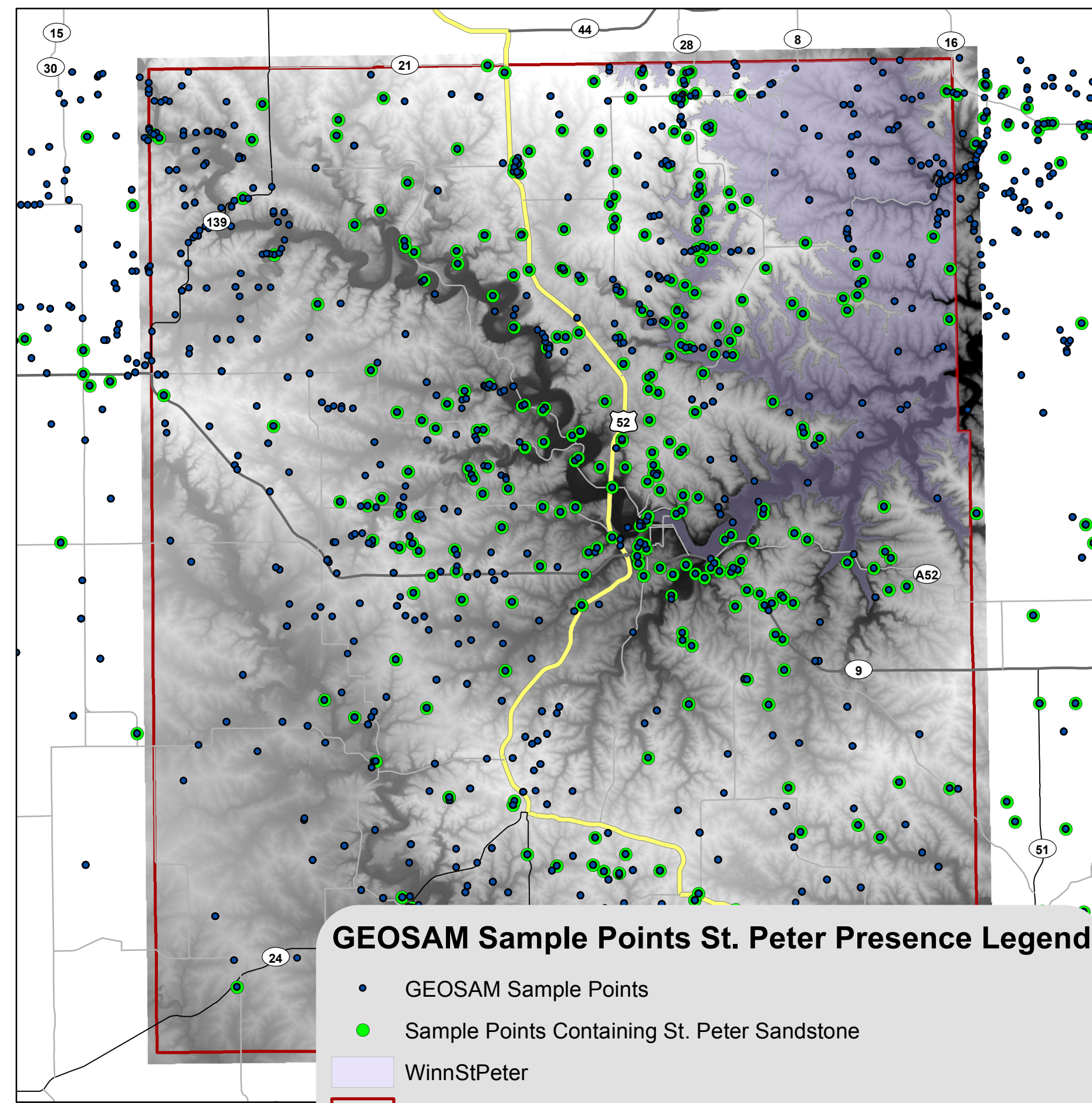
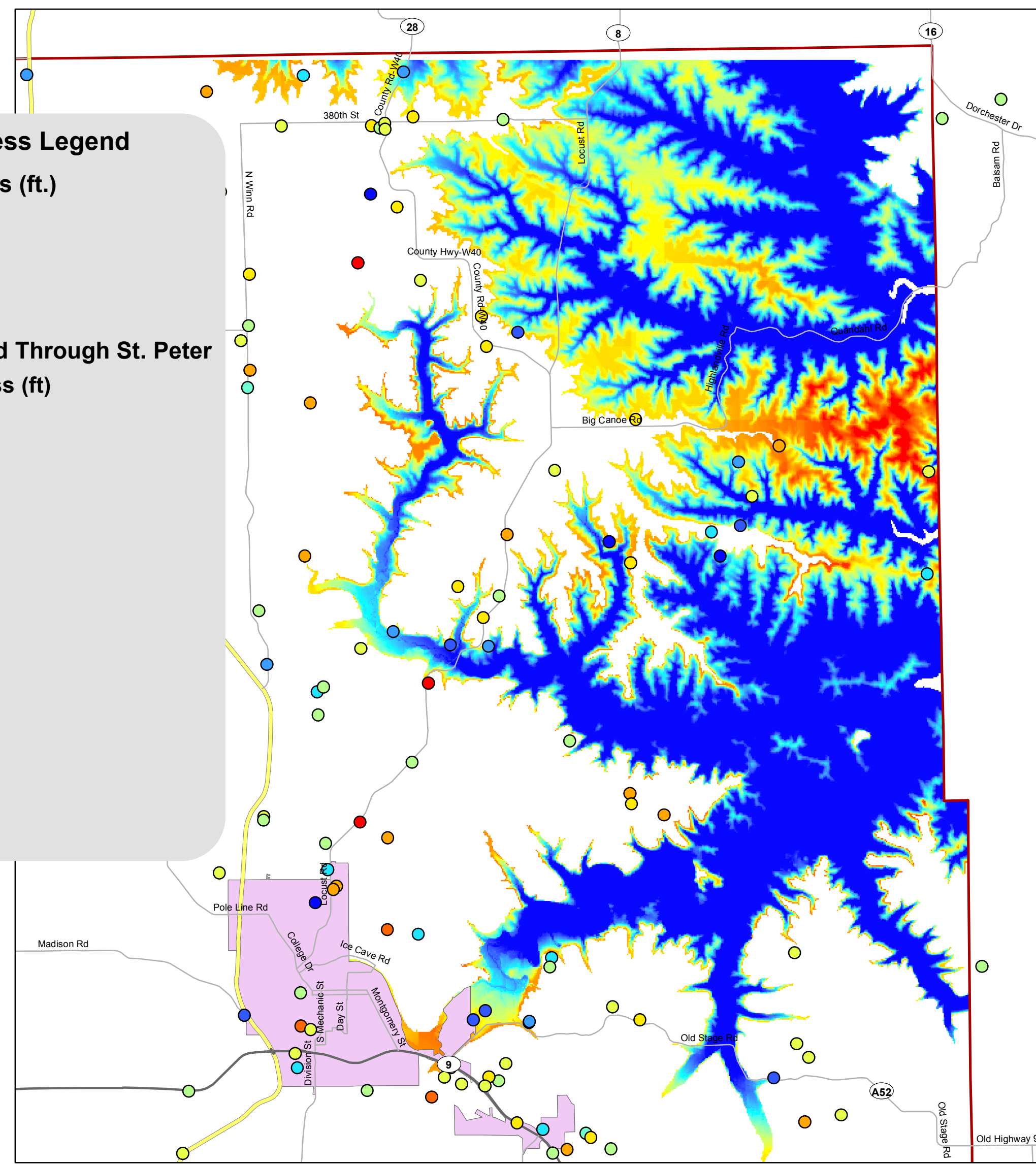
St. Peter Sandstone in Winneshiek County

St. Peter Thickness Legend

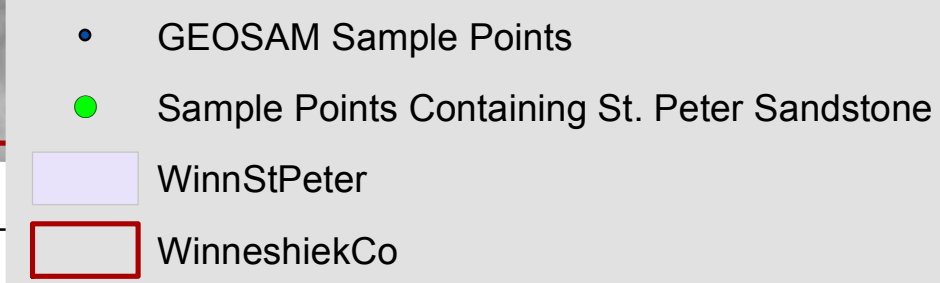
St. Peter Thickness (ft.)



Sample Pts. Drilled Through St. Peter Observed Thickness (ft)



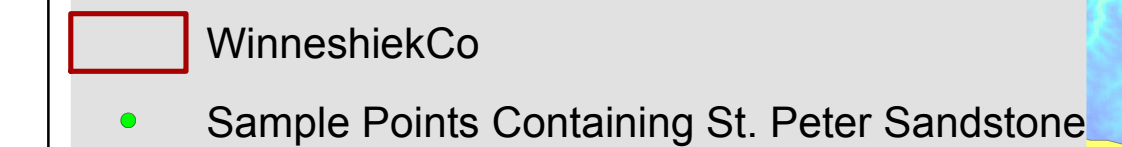
GEOSAM Sample Points St. Peter Presence Legend



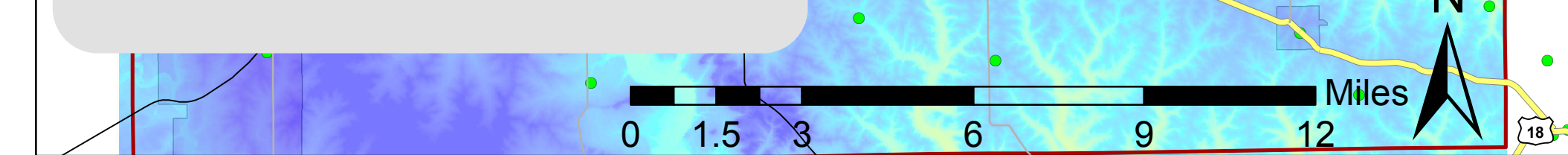
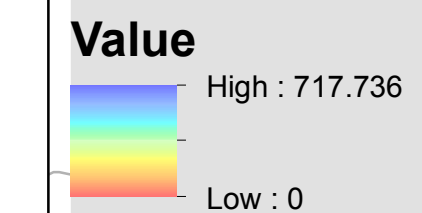
Winn. Elevation (ft)



Depth to St. Peter Legend

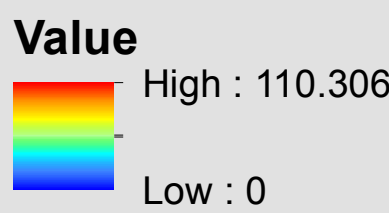


Depth To St. Peter (ft.)

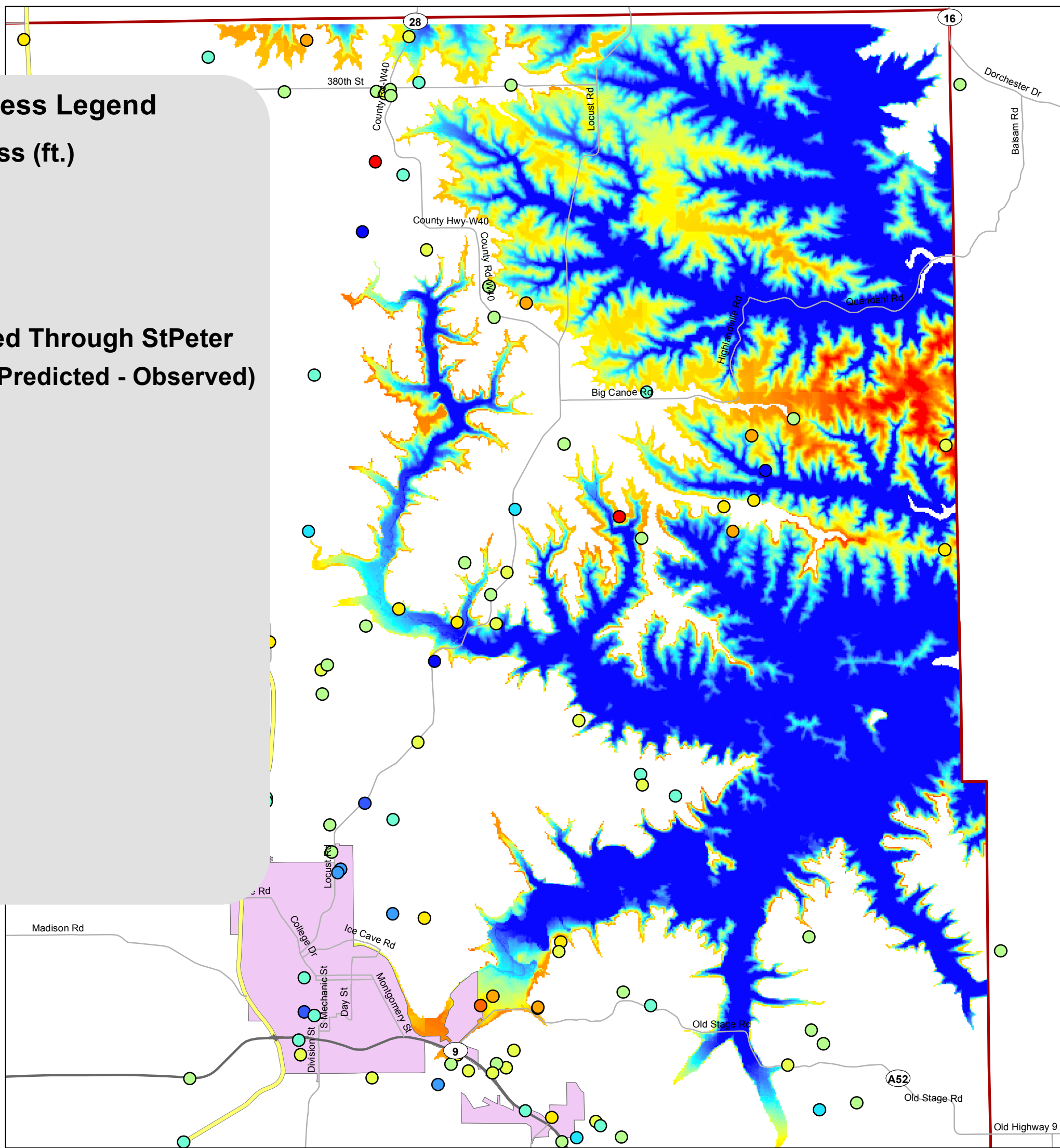
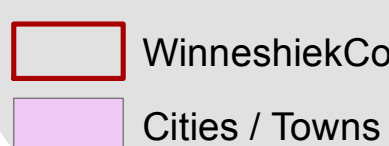


St. Peter Thickness Legend

St. Peter Thickness (ft.)



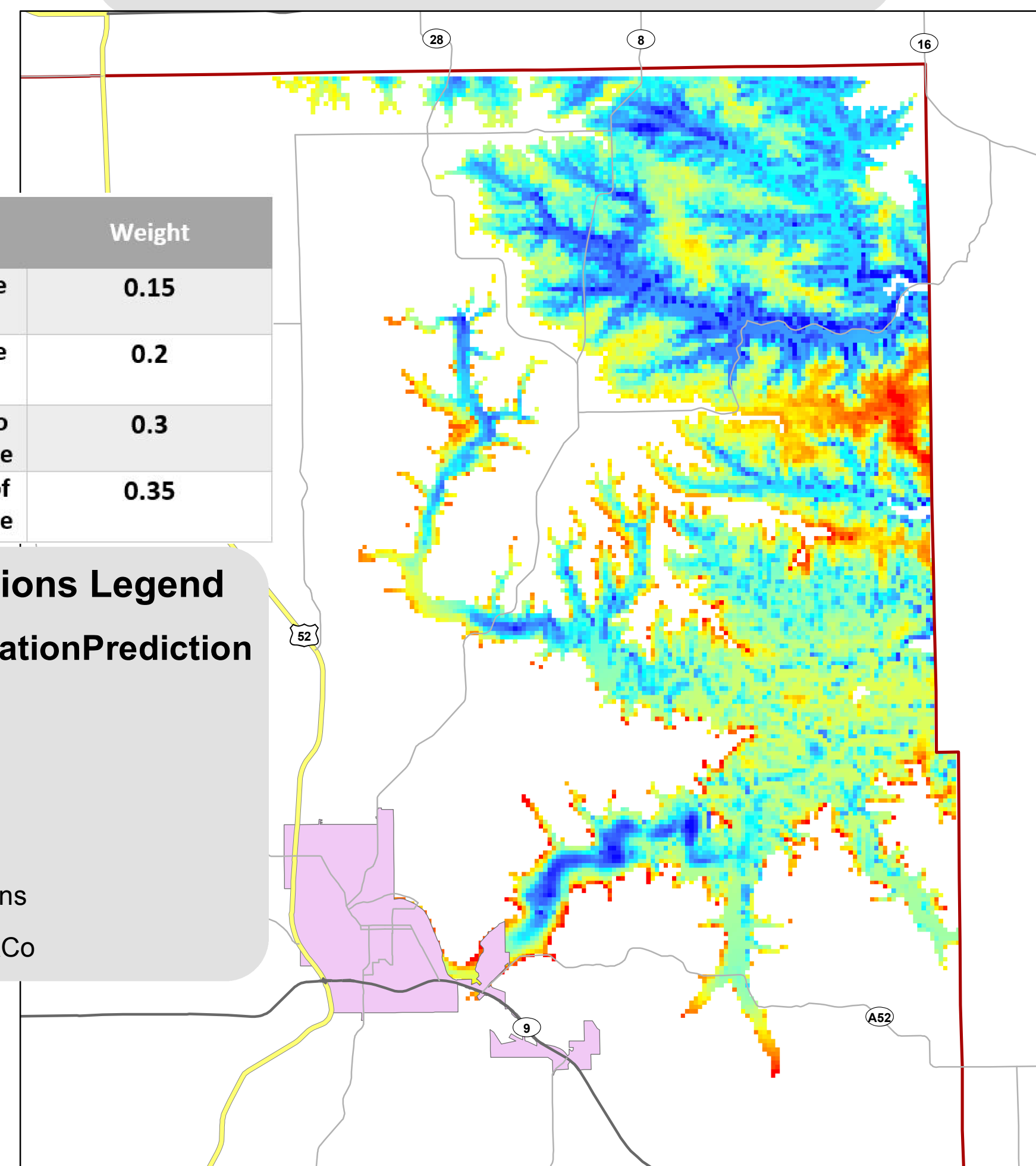
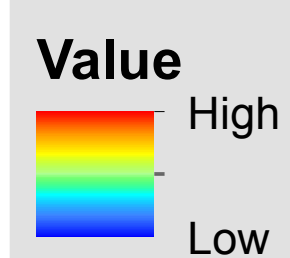
Sample Pts. Drilled Through StPeter ThicknessCheck (Predicted - Observed)



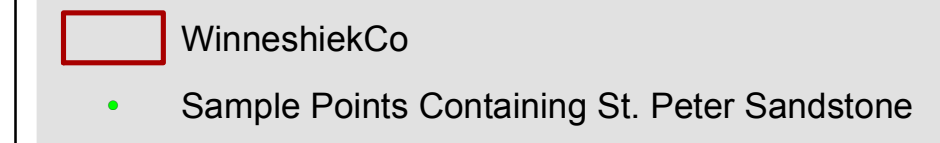
Criteria	Weight
Minimize Distance to Major Roads	0.15
Minimize Distance to Rail	0.2
Minimize Depth to St. Peter Sandstone	0.3
Maximize Depth of St. Peter Sandstone	0.35

Final Predictions Legend

WinnMineLocationPrediction



Depth to St. Peter Legend



Depth To St. Peter (ft)

