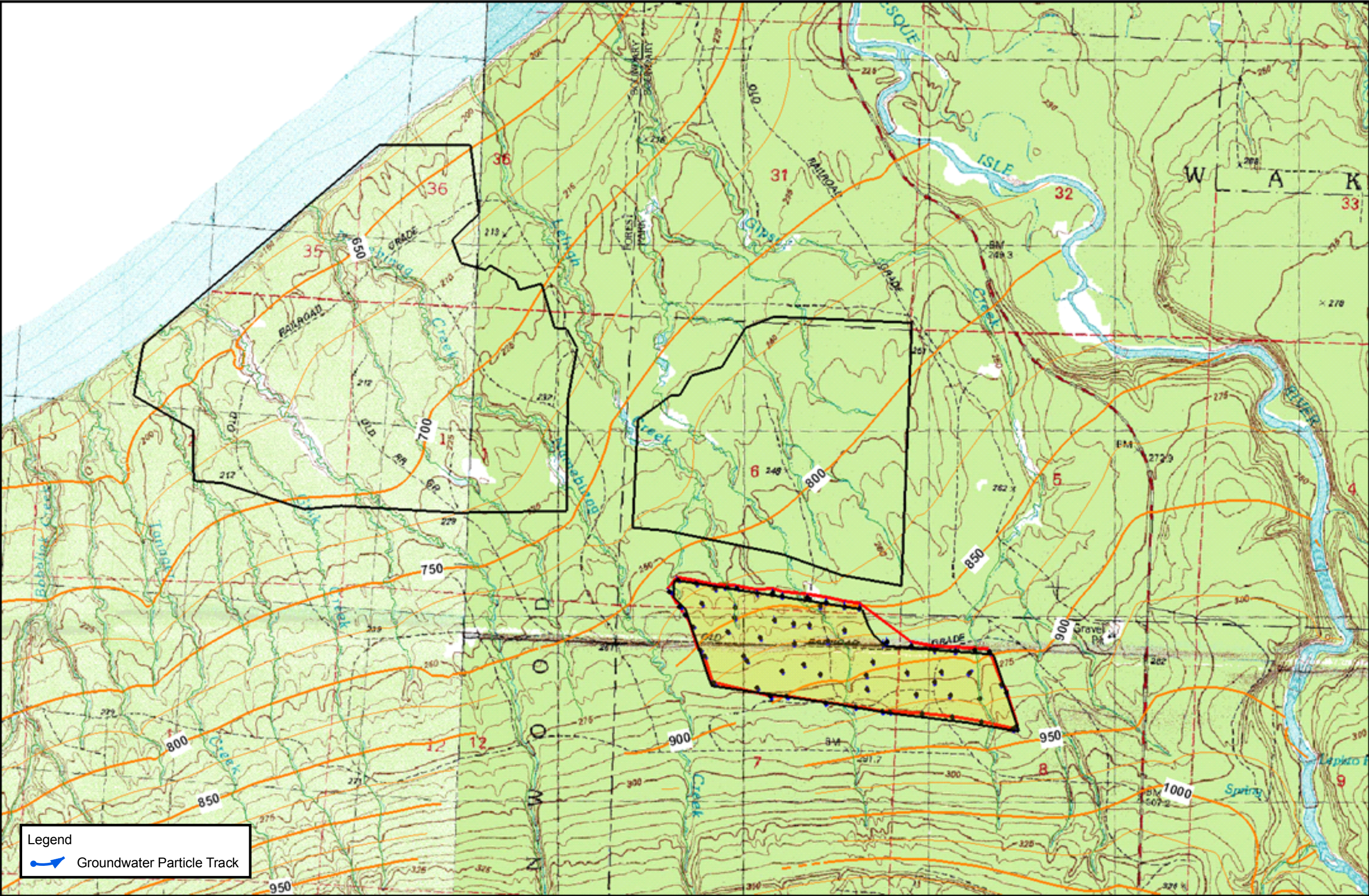




Legend
 Groundwater Particle Track

**CALCULATED EXTENT OF GROUNDWATER PARTICLE MIGRATION
 FROM TDF (100 YEARS POST-CLOSURE)
 ORVANA RESOURCES US CORP.
 COPPERWOOD PROJECT
 GOGEBIC COUNTY, MICHIGAN**

Drawn:	GMB	8/30/2011
Approved:	ARB	8/30/2011
Scale:	APPROXIMATE	
PROJECT NUMBER	60179066	
FIGURE NUMBER	202.5.2-2	

1 inch = approximately 1,700 feet