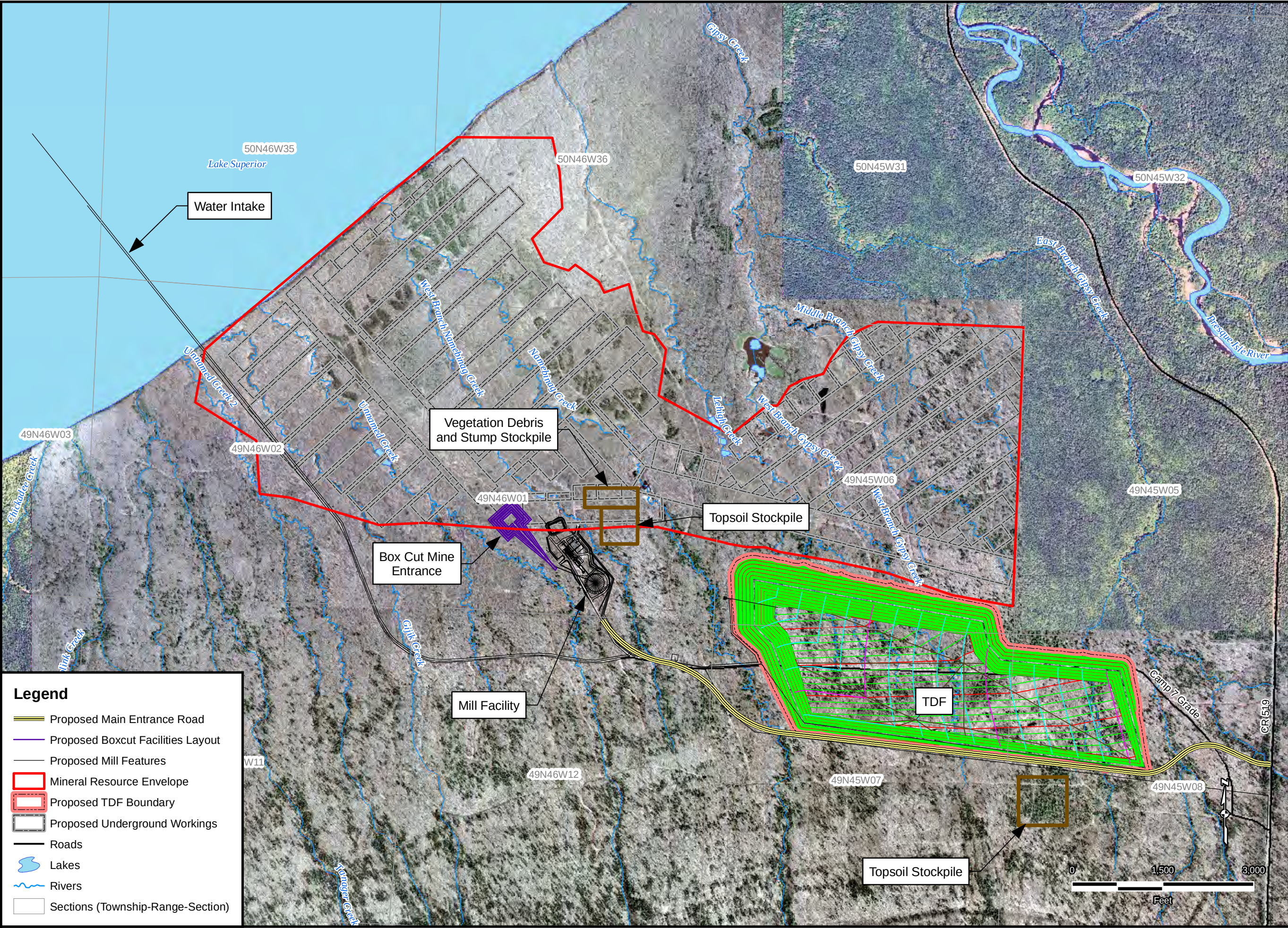




LOCATION AND LAYOUT OF PROPOSED MINING OPERATION
ORVANA RESOURCES US CORP.
COPPERWOOD PROJECT
GOGEbic COUNTY, MICHIGAN

Legend

- Proposed Main Entrance Road
- Proposed Boxcut Facilities Layout
- Proposed Mill Features
- Mineral Resource Envelope
- Proposed TDF Boundary
- Proposed Underground Workings
- Roads
- Lakes
- Rivers
- Sections (Township-Range-Section)

Drawn:	JWW	7/25/2011
Approved:	ARB	7/25/2011
Scale:	AS SHOWN	
PROJECT NUMBER	60179066	
FIGURE NUMBER	202.3.1-1	