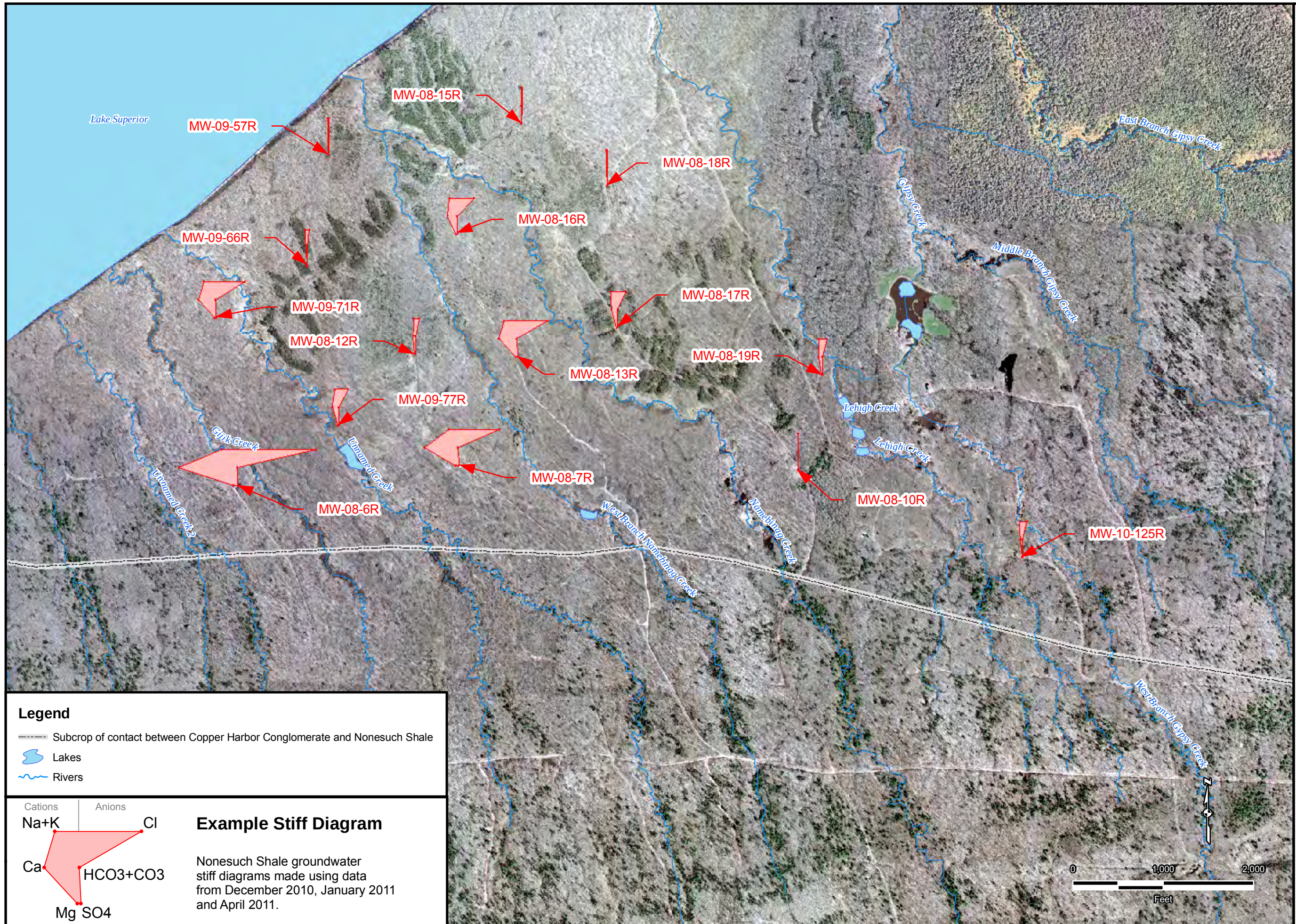


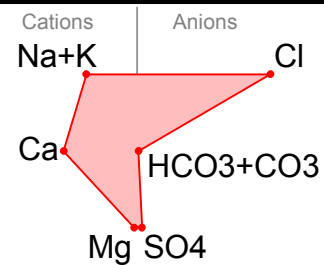
AREAL DISTRIBUTION OF MAJOR ION GROUNDWATER CHEMISTRY –
NONESUCH SHALE
ORVANA RESOURCES US CORP.
COPPERWOOD PROJECT
GOGEBIC COUNTY, MICHIGAN

Drawn:	JWW	7/19/2011
Approved:	ARB	7/19/2011
Scale:	AS SHOWN	
PROJECT NUMBER	60179066	
FIGURE NUMBER	202.2.7-13	



Legend

- Subcrop of contact between Copper Harbor Conglomerate and Nonesuch Shale
- Lakes
- Rivers



Example Stiff Diagram

Nonesuch Shale groundwater stiff diagrams made using data from December 2010, January 2011 and April 2011.

