

Historical Exposure Reconstruction in the Taconite Mining Industry - Study Design

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Eastern Mesabi Iron Range	Western Mesabi Iron Range
Northshore	Keewatin Tac, Hibtac, Minntac, Mittal Steel, and United Tac.
Unaltered taconite	Highly metamorphosed taconite
Amphiboles are prevalent. e.g. quartz, iron amphiboles (grunerite - cumingtonite, hornblende), iron pyroxenes (hedenbergite, ferrohypersthene), magnetite.	Phyllosilicates are prevalent. e.g. quartz, magnetite, hematite, siderite, carbonates, talc, iron-silicates (chamosite, greenalite, minnesotaite and stilpnomelane).



