INSTITUTE ON LAKE SUPERIOR GEOLOGY

May 12-15,
2020
Www.lakesuperlorgeology.org
Whinnesota
"Taconite Capital of the World"

PLANNING COMMITTEE

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WHY "TACONITE CAPITOL OF THE WORLD?"

1865—Henry H. Eames (State Geologist-MN) canoed St Louis River and Embarrass Lake and reported "immense bodies of the ores of iron;" (he was looking for gold)

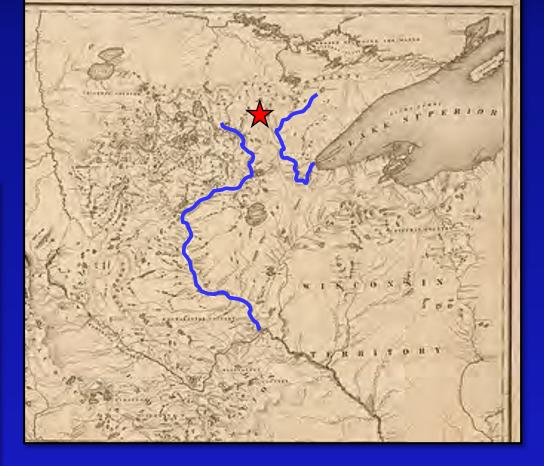
He then ascended the Prairie River, reporting similar finds.

In one year, he <u>unknowingly</u> defined the eastern and western ends of the Mesabi Iron Range.

1890—Merritt brothers discovered iron ore near MOUNTAIN IRON.

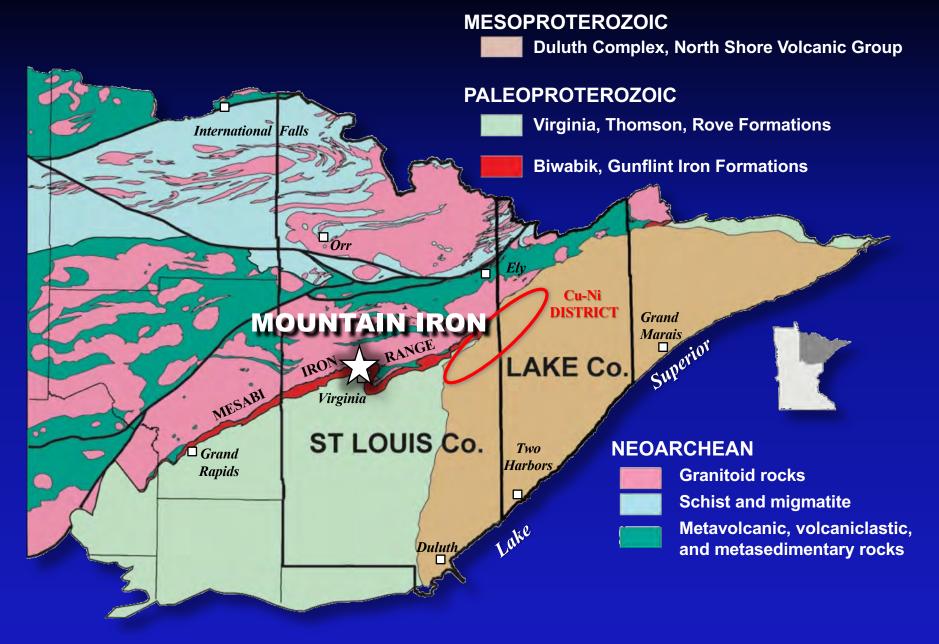
1892—First Mesabi Range iron ore shipped from MOUNTAIN IRON.



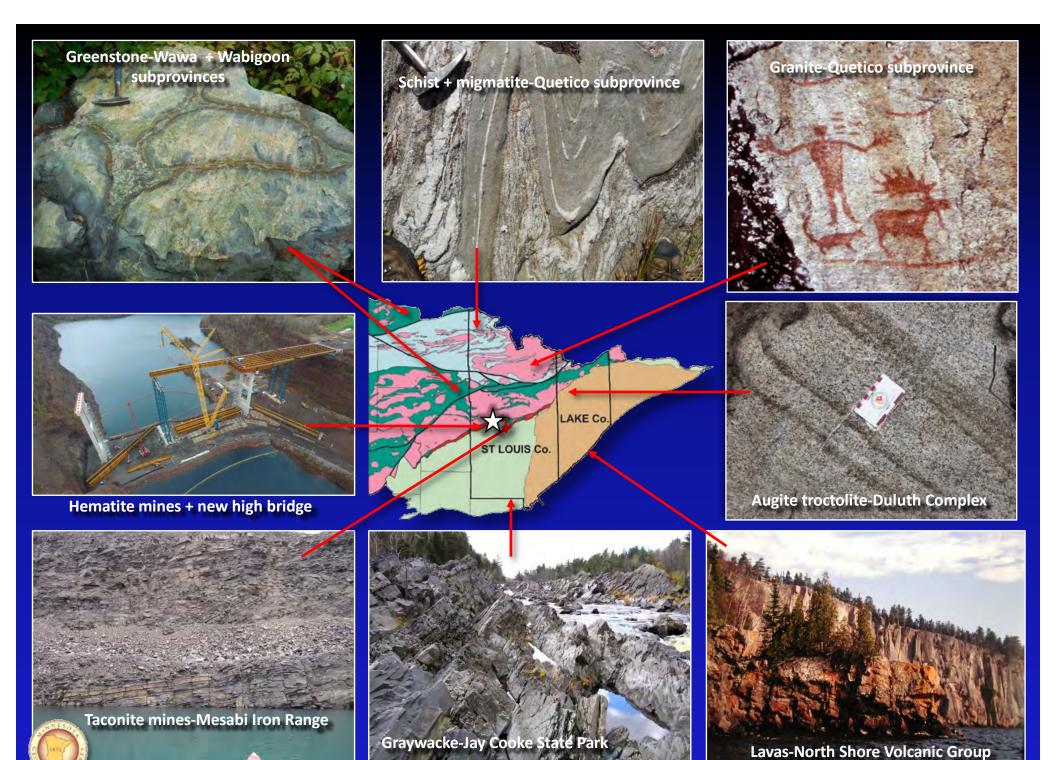


Courtesy of Iron Range Research Center

BEDROCK GEOLOGY







Institute on Lake Superior Geology



POTENTIAL FIELD TRIPS:

- 1) Quetico subprovince travers
- 2) Arrowhead—new road cuts, recent mapping results
- 3) Mesabi Range—mines, quarries, reclamation, NRRI Coleraine Lab
- 4) AngloGold Ashanti exploration—Wawa subprovince
- 5) Duluth Complex—Polymet, Twin Metals
- 6) Tamarack tour
- 7) Dean Peterson's "Profound Outcrops"
- 8) Arrowhead—Quaternary highlights and relevance to prospecting



