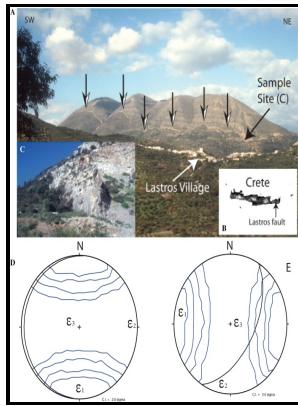


Gogebic iron range - a sample of the northern margin of the Penokean fold and thrust belt

U.S. Dept. of Interior, U.S. Geological Survey - Ferrous (iron) mining regulations and publications



Description: -

Orogenic belts -- Gogebic Range Region (Mich. and Wis.)
Folds (Geology) -- Gogebic Range Region (Mich. and Wis.)
Geology -- Gogebic Range Region (Mich. and Wis.)
Geology, Stratigraphic -- Proterozoic Gogebic iron range - a sample of the northern margin of the Penokean fold and thrust belt

Professional paper -- 1730 Gogebic iron range - a sample of the northern margin of the Penokean fold and thrust belt

Notes: Includes bibliographical references.

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Figure 13 from The Gogebic Iron Range

A significant resource of concentrating-grade ore remains in the western and eastern parts of the range. Strata in the central part of the iron range are entirely sedimentary.

Ferrous (iron) mining regulations and publications

It is one of six major informally named iron ranges in the Lake Superior region and produced about 325 million tons of direct-shipping ore between 1887 and 1967. A fundamental boundary marking both the tectonic setting of deposition and the later deformation within the Penokean orogen lies fortuitously in an east-west direction along the range so that the central part of the range preserves sediments deposited north of that boundary, whereas the eastern and western parts of the range were deposited south of the boundary.

Wis. Chippewa Federation 404(c) Notice of the Clean Water Act to EPA

These relationships are especially well displayed in the east where a graben, the Presque Isle trough, began to subside during deposition of the Ironwood Iron-Formation. The extensional structures that formed during sedimentation may have helped to control the extent of later Penokean compressional structures. Former usage and, if known, replacement name given in parentheses.

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Sound unknown sound Specific material designation remote System details Mode of access: Internet from the USGS web site.

The Gogebic Iron Range

Following the example of tribes in Alaska, the Chippewa Federation sent a letter to EPA Administrator McCarthy and Regional Administrator Hedman on June 18th. The eastern and western parts of the range, in contrast, exhibit a depositional and deformational style typical of parts closer to the interior of the orogen. Together, these features make the Gogebic iron range a unique area in which to observe 1 the lateral transition from deposition on a stable platform to deposition in a tectonically and volcanically active region, and 2 the transition from essentially undeformed Paleoproterozoic strata to their folded and faulted equivalents.

The Gogebic Iron Range—A Sample of the Northern Margin of the Penokean Fold and Thrust Belt

Included are guidelines for environmental impact statement preparation and related public hearings.

The Gogebic iron range (2007 edition)

It is one of six major informally named iron ranges in the Lake Superior region and produced about 325 million tons of direct-shipping ore between 1887 and 1967. Label The Gogebic iron range : a sample of the northern margin of the Penokean fold and thrust belt Title The Gogebic iron range Title remainder a sample of the northern margin of the Penokean fold and thrust belt Statement of responsibility by William F.

The Gogebic Iron Range?A Sample of the Northern Margin of the Penokean Fold and Thrust Belt by U.S. Department of the Interior, Paperback

They consist of folds ranging from outcrop to regional scale and thrust faults which, in places, either repeated the section or detached it from Neoarchean basement.

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