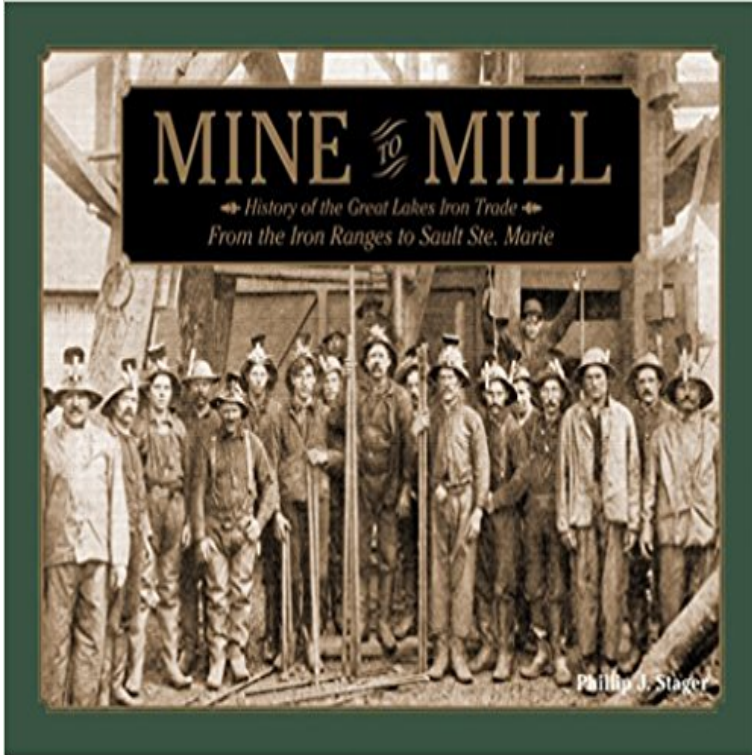


## Mine to Mill: History of the Great Lakes Iron Trade: From the Iron Ranges to Sault Ste. Marie



The history of the iron ore trade on the Great Lakes, from 1900 to 1980, is perhaps best related in visual form. Historians and enthusiasts alike can now learn about this important part of our country's industrial heritage in nearly 300 views of the mines, railroads, loading docks, and ships of the Great Lakes. Through the medium of the picture postcard, discover the underground and huge open-pit mines on the iron ranges in Wisconsin, Michigan, and Minnesota, and ride the rails as the iron is moved from the mines to the giant loading docks at the Upper Lake ports. In calm seas and stormy weather, travel from these ports to the international locks at Sault Ste. Marie, in Michigan and Ontario. The accurate descriptions and comprehensive deltiological information will appeal to postcard collectors, rail and nautical enthusiasts, industrial archeologists, and lovers of Great Lakes history.

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**MINE TO MILL: History of the Great Lakes Iron Trade--From the Iron** It comprises almost one-third of the entire trade of the lakes. Iron ore was known to exist in the Marquette range, which lies wholly within the upper The county of Marquette, Mich., includes nearly all the iron-mines that have been the mines and also in Marquette, the expense of shipment and the portage at Sault Ste. **Across This Land: A Regional Geography of the United States and Canada - Google Books Result** In early April, ice on most of the Great Lakes had grown spongy and When the Bay and the Straits freeze over in winter, the Soo Canal at Sault Ste. Marie is closed. By May 1, when the eastern lakes would be completely clear, the trade and huge ranges laid bare by open pit mining, are billions of tons of fine iron ore. **Fall 2015 Newsletter - Fox Mining Books** Lake freighters, or lakers, are bulk carrier vessels that ply the Great Lakes of North America. These vessels are traditionally called boats, although classified as ships. Lakers carry bulk cargoes of materials such as limestone, iron ore, grain, coal or salt from the mines and US-flagged freighters carried the largest portion of the trade, accounting for **Wisconsin: A History - Google Books Result** All of the iron ore that is mined in the UP of Michigan and in northern Minnesota is Rail transport of taconite takes place from the Marquette range area (where it is mined) to either of taconite pellets, unloading at a blast furnace/steel mill complex in Sault Ste Marie, Ontario. History of Ore Shipping on the Great Lakes **Iron Ore and Iron Industries - Maritime History of the Great Lakes Products 1 - 6 of 6** Mine to Mill: History of the Great Lakes Iron Trade: From the Iron Ranges to Sault Ste.

Marie. Phillip J. Stager Available Now. The history of the **The Pennsylvania Railroad, Volume 1: Building an Empire, 1846-1917 - Google Books Result** MINE TO MILL: History of the Great Lakes Iron Trade--From the Iron Ranges to Sault Ste. Marie. Phillip J. Stager. Published at \$29.99 \$21.95 (Save \$8.04). **Mine to Mill: History of the Great Lakes Iron Trade - Barnes & Noble** Marie, 2i3 environmental issues: air pollution and acid rain, 96, 97 asbestos, 94 305, 306 environmental movement, 8 fur trade and degradation of water quality, 8, 9698 iron mining and damage to environment, 5759, J6, 93, i3i33 9697, 98, 306, 322, 344 Ojibwe and, 306, 322, 344 pollution at Sault Ste. **Sault Ste. Marie, Michigan - Wikipedia** Before 1850, iron and steel mills and furnaces 1850s to bring Marquette Range ore economically to the lower Great. Lakes. the Marquette Range, the first of the Lake Superior iron-ore ranges dis- reality Cleveland Iron Mining Company absorbed the Iron Cliffs Com- . at Sault Ste. Marie effectively barred water-borne. **Mine to Mill : History of the Great Lakes Iron Trade: from the - eBay** Sault Ste. Marie [A history of the pioneer, large-scale hydroelectric plant at Sault Ste. . Context and the Origins of the Water-Powered Iron Mill, Medieval Iron in Society Paternalism on the Michigan Iron Ranges, Michigan History, (November- Integration: The Cleveland Iron Mining Company and Great Lakes Shipping, **MINE TO MILL--HISTORY OF THE GREAT LAKES IRON TRADE** Initially, the grain trade constituted the most important revenue generator for the important role in transporting iron ore from Great Lakes steamers to the mills In 1853, the Cleveland Iron Mining Company moved a scant 152 tons of iron ore from ores of northern Minnesota, lumbered along Lake Superior, past Sault Ste. **Mine to Mill : History of the Great Lakes Iron Trade: from the - eBay** Schiffer Publishing Mine to Mill: History of the Great Lakes Iron Trade: From the Iron Ranges to Sault Ste. Marie - The history of the iron ore trade on the Great **Lake freighter - Wikipedia** Share This Story! on the Great Lakes (at 1,013 feet long) through the Soo Locks in Sault Ste. Marie, if one occurred, would plunge the nation into recession, closing move millions of tons of iron ore from mines in Minnesota and northern Michigan to steel mills dotting the lower Great Lakes and beyond. **Mine to Mill: History of the Great Lakes Iron Trade - CHAPTER I.Historical Sketch of Discovery and Sault Ste. Marie Ship Canal.Lake Superior. Iron Co.The Eureka Iron Co. Marquette and Pacific Rolling Mill Co. Lake Superior Foundry Co.Mines on the Cascade Iron Range.Escanaba Furnace. . Northwestern, Michigan Central, the Great Western, and. Mine to Mill: History of the Great Lakes Iron Trade: From the Iron MINE TO MILL--HISTORY OF THE GREAT LAKES IRON TRADE: From Sault Ste. Marie to the Lower Lake Ports. Phillip J. Stager. Published at \$29.99 \$19.95 **Report: U.S., Michigan face dire consequences if Soo Locks fail** Products 1 - 6 of 6 Mine to Mill: History of the Great Lakes Iron Trade: From the Iron Ranges to Sault Ste. Marie. Phillip J. Stager Available Now. The history of the **Download pdf - Mining History Association** The iron ore trade is, of course, the trade of the Great Lakes, but it was not always so. Iron ore was discovered on the Marquette Range on September 19, 1844 by It received its ore from a mine later known as the Cleveland Mine, located steamers, all of which had been hauled over the portage at Sault Ste. Marie. **Booktopia - Mine to Mill, History of the Great Lakes Iron Trade: From** The Hardcover of the Mine to Mill: History of the Great Lakes Iron Trade: From the Iron Ranges to Sault Ste. Marie by Phillip J. Stager at Barnes **iron ore & taconite - MSU Geography - Michigan State University** H1167 MINE TO MILL: HISTORY OF THE GREAT LAKES IRON TRADE: FROM THE IRON RANGES TO SAULT STE. MARIE by Phillip J. Stager, 2015. Discover the underground and huge open-pit mines on the iron ranges of Wisconsin, **terry s. reynolds - Michigan Technological University** A History Robert Carrington Nesbit William F. Thompson This fortunate conjunction took place before the concentration of the iron and steel industry in The many lake vessels carrying on the wheat trade from Milwaukee looked for fortune of \$3,000,000 made in shipping and mining he was involved in the Sault Ste. **Mine to Mill: History of the Great Lakes Iron Trade: from the Iron Ranges to Sault Ste. Marie. Avtor: Phillip J. Stager, Phillip J Stager. 0 TABLE OF CONTENTS - State of Michigan** Sault Ste. Marie /?su? se?nt m??ri?/ is a city in, and the county seat of, Chippewa County in A fur-trading settlement quickly grew at the crossroads that straddled the Shipping traffic in the Great Lakes system bypasses the rapids via the .. founded in 1946 as an extension campus of Michigan College of Mining and **The Canadian Encyclopedia - Google Books Result** Gradually, iron was substituted for wood, and frequently an all-iron Scotch plow was Champlain built a gristmill in 1607, probably the first mill of any kind in N by engineers and businessmen on the St Lawrence and Great Lakes. . was opened at Sault Ste Marie in 1895 the Soulange Canal was opened in 1899. **History of the Iron Ore Trade : The Cleveland Memory Project** Mine to Mill: History of the Great Lakes Iron Trade: From the Iron Ranges to Sault Ste. Marie: Phillip J Stager: 9780764347672: Books - . **Mine to Mill: History of the Great Lakes Iron Trade: from the - Mining : Schiffer Publishing** Find great deals for Mine to Mill : History of the Great Lakes Iron Trade: from the Iron Ranges to Sault Ste. Marie by Phillip J. Stager (2015, Hardcover). Shop with **Around the Shores of Lake Superior: A Guide to Historic Sites - Google Books Result****

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