

## Appendix A : Bibliographies

### A. *Bibliography of primary sources*

#### 1. *Cited primary sources*

Commercial Real Estate Record Card #31-06-136-007-00. *Houghton County Adjustment (Tax Record) Office, 1972.*

Interview with Ed Ekdahl, Franklin Township Supervisor.

Interview with Mr. Clint Jones of Trans Northern Inc., Houghton, MI.

QMC Annual Report of 1902, p. 13. *MTU/ TN 443.Z6 Q6*

QMC Annual Report of 1904, p. 13, 14. *MTU/ TN 443.Z6 Q6*

QMC Annual Report of 1905, p. 13. *MTU/ TN 443.Z6 Q6*

QMC Annual Report of 1906, p. 16, 17. *MTU/ TN 443.Z6 Q6*

QMC Annual Report of 1907, p. 14. *MTU/ TN 443.Z6 Q6*

QMC Annual Report of 1908, p. 16. *MTU/ TN 443.Z6 Q6*

QMC Annual Report of 1909, p. 19. *MTU/ TN 443.Z6 Q6*

QMC Annual Report of 1910, p. 13. *MTU/ TN 443.Z6 Q6*

QMC Annual Report of 1910, p. 13. *MTU/ TN 443.Z6 Q6*

QMC Annual Report of 1911, p. 15. *MTU/ TN 443.Z6 Q6*

QMC Annual Report of 1913, p. 23. *MTU/ TN 443.Z6 Q6*

QMC Annual Report of 1915, p. 16. *MTU/ TN 443.Z6 Q6*

QMC Annual Report of 1916, p. 17. *MTU/ TN 443.Z6 Q6*

QMC Annual Report of 1919, p. 17. *MTU/ TN 443.Z6 Q6*

QMC Annual Report of 1968, p. 4. *MTU/ TN 443.Z6 Q6*

QMC Annual Report of 1971, p. 4. *MTU/ TN 443.Z6 Q6*

QMC Cash Book, 1892-1899, p. 200. *MTU/ TN 443.Z6 Q6*

QMC Correspondence (Letterpress) 1898-1901, S.B. Harris to T.F. Mason, p. 27, 42, 46, 55, 63, 64, 77. *MTU/ QMC 2.4*

QMC Correspondence (Letterpress) 1901-1903, S.B Harris to W.R Todd, 19 Mar 1902. *MTU/ QMC 2.4*

QMC Correspondence (Letterpress) 1903-1905, 20 Jul. 1905. *MTU/ QMC 2.4*

QMC Journal 1895-1898, p. 486. *MTU/ QMC 3.2.2*

QMC Journal 1898-1901, p. 6, 20-34, 82. *MTU/ QMC 3.2.2*

QMC sales contract with Chisholm, Boyd, and White, 30 April 1906.

QSW Cash Book 1903-1916, 15. *MTU/ QMC 3.4.2*

QSW Correspondence, (Letterpress) 1901-1903, J.R. Cooper to W.R. Todd, 31 Dec. 1902. *MTU/ QMC 2.8.1*

QSW Correspondence, A. Laist to W.R. Todd, 15 Feb. 1909, p. 11-12. *MTU/ QMC 2.8.1*

QSW Correspondence, A. Laist to W.R. Todd, 11 May 1914. *MTU/ QMC 2.8.1*

QSW Monday Letters, A. Laist to W.R Todd, smelter superintendent's annual report for 1908, 15 Feb. 1909. *MTU/ QMC 2.8.2*

QSW Monday Letters, A. Laist to W.R Todd, 02 Aug. 1909, *MTU/ QMC 2.8.2*

QSW Monday Letters, A. Laist to W.R Todd, smelter superintendent's annual report for 1909, 20 Jan. 1910, p. 11. *MTU/ QMC 2.8.2*

QSW Monday Letters, A. Laist to W.R Todd, 02 Jun. 1911. *MTU/ QMC 2.8.2*

QSW Monday Letters, A. Laist to W.R Todd, 28 Jul. 1911. *MTU/ QMC 2.8.2*

QSW Monday Letters, A. Laist to W.R Todd, 11 May 1914. *MTU/ QMC 2.8.2*

QSW Monday Letters, A. Laist to W.R Todd, 25 Apr. 1921. *MTU/ QMC 2.8.2*

QSW Monday Letters, A. Laist to W.R Todd, 23 Jul. 1921. *MTU/ QMC 2.8.2*

QSW Monday Letters, A. Laist to W.R Todd, 07 Aug. 1922. *MTU/ QMC 2.8.2*

QSW Monday Letters, A. Laist to W.R Todd, 02 Oct. 1922. *MTU/ QMC 2.8.2*

QSW Monday Letters, A. Laist to W.R Todd, 04 Feb. 1923. *MTU/ QMC 2.8.2*

QSW Monday Letters, A. Laist to W.R Todd, 12 Mar. 1923. *MTU/ QMC 2.8.2*

QSW Monday Letters, A. Laist to W.R Todd, 15 Oct. 1923. *MTU/ QMC 2.8.2*

QSW Monday Letters, A. Laist to W.R Todd, 10 Dec. 1923. *MTU/ QMC 2.8.2*

QSW Monday Letters, A. Laist to W.R Todd, 04 Feb. 1924. *MTU/ QMC 2.8.2*

Quit Claim Deed, Book 91, p. 419, 01 Dec. 1986. *Houghton County Deeds Office*

Quit Claim Deed, Book 149, p. 861, 28, Dec. 1999. *Houghton County Deeds Office*

## **2. Additional primary sources**

Due to the large number of primary sources reviewed from the Quincy Mining Company collection at the MTU Copper Country Archives, only record series / folder numbers are given here.

Franklin Mining Company Annual Reports, 1898-1910. *(TN 443.Z6 F73 MTU)*

QMC Annual Reports, 1898-1981, all.

QMC Series 2, Correspondence 1872-1986: Smelter Correspondence Files, 1899-1923, series 2.8.

QMC Series 3, Financial Records, 1852-1988: series 3.2.2/530-531, 540-542; series 3.3.2/628, 630; series 3.4.2/516-518; series 3.5/480-486; series 3.6.3 misc. folders; series 3.7 all folders; series 3.8/660, 666, 667, 671-673; series 3.9/692, 694-697.

QMC Series 4, Operational Records, 1860-1971: series 4.6.5 all folders.

Quincy Mine Hoist Collection, MS-033, Box 4 / 8.

## **B. Bibliography of secondary sources**

### **1. Cited secondary sources**

Hyde, Charles. "HAER Historic Report on the Quincy Mining Company." Washington, D.C.: National Park Service, 1978. *located in the HAER collection at the Library of Congress, project MI-2, The Quincy Mining Company.*

Johnson, Kevin E. "The Quincy Smelting Works 1898-1907: Construction 1898; Process 1898; and History 1898-1907." *Unpublished student paper prepared under direction of Charles Hyde and Larry Lankton for the 1978 HAER QMC documentation project. Available at the MTU archives.*

Lankton, Larry D. and Charles K. Hyde. *Old Reliable: An Illustrated History of the Quincy Mining Company.* Hancock, MI: The Quincy Mine Hoist Association, 1982.

Monette, Clarence J. *The Copper Range Railroad.* Calumet, MI: Greenlee Printing Co, 1989.

Monette, Clarence J. *The Mineral Range Railroad.* Lake Linden, MI: Welden H. Curtin, 1993.

Rickard, T.A. *The Copper Mines of Lake Superior.* New York: The Engineering and Mining Journal, 1905.

Silverstein, Cathy. "Keweenaw Smelters and the Location of the Quincy Smelting Works in 1898." *Unpublished student paper prepared under direction of Charles Hyde and Larry Lankton for the 1978 HAER QMC documentation project. Available at the MTU archives.*

Stevens, Horace J. *The Copper Handbook.* Houghton, MI: The Mining Journal Company, Ltd., 1900, 1903, 1905, 1912, 1913.

Turner, Arthur. *Calumet Copper and People: History of a Michigan Mining Community 1864-1970.* Self published in Michigan, 1974.

### **2. Additional secondary sources**

Addicks, Lawrence. *Copper Refining.* 1<sup>st</sup> Ed. New York: McGraw-Hill Book Co., 1921. (TN 780.A2; JRVP)

Anaconda Mining Company. *The Anaconda Reduction Works.* Anaconda, MT: Anaconda Mining Company, 1920.

Benedict, C. Harry. *Lake Superior Milling Practice.* Houghton, MI, 1955.

- Conant, Henry D. "The Historical Development of Smelting and Refining Native Copper." *Mining Congress Journal* 17. October, 1931.
- Conant, Henry D. "Copper Smelting in Michigan." *The School of Mines Quarterly* No. 4 Vol. 32. July, 1911.
- Cooper, James B. "Historical Sketch of Smelting and Refining Lake Copper." *Lake Superior Mining Institute Proceedings* 7, 1901.
- Egleston, Thomas. "Copper Mining on Lake Superior." *American Institute of Mining Engineers Transactions* 6, 1879.
- Gates, William B. *Michigan Copper and Boston Dollars: An Economic History of the Michigan Copper Mining Industry*. New York: Russell & Russell, 1951.
- Hixon, Hiram W. *Notes on Lead and Copper Smelting and Copper Converting*. 3<sup>rd</sup> Ed. New York: The Scientific Publishing Co., 190. (TN 673.H6n3; JRVP)
- Hofman, H.O. *Metallurgy of Copper*. 1<sup>st</sup> Ed. New York: McGraw-Hill Book Co., 1914. (TN 780.Hm; JRVP)
- Hyde, Charles K. *The Upper Peninsula of Michigan: An Inventory of Historic Engineering and Industrial Sites*. Washington, D.C.: National Park Service, 1978.
- Lankton, Larry D. *Cradle to Grave: Life, Work, and Death at the Lake Superior Copper Mines, 1840-1875*. New York, 1991.
- Overman, Frederick. *A Treatise on Metallurgy; Comprising Mining, and General and Particular Metallurgical Operations*. New York: D. Appleton and Company, 1887.
- Peters, Edward D., Jr. *Modern American Methods of Copper Smelting*. New York: Scientific Publishing Co., 1887. (TN 780.P4m; JRVP)
- Peters, Edward Dyer, Jr. *Modern Copper Smelting*. 12<sup>th</sup> Ed. New York: The Engineering and Mining Journal, 1903. (TN 780.P4m12; JRVP)
- Peters, Edward Dyer, Jr. *Modern Copper Smelting*. 7<sup>th</sup> Ed. New York: The Engineering and Mining Journal, 1895. (TN 780.P4m7; JRVP)
- Peters, Edward Dyer, Jr. *The Principles of Copper Smelting*. New York: The Hill Publishing Co., 1907. (TN 780.P4p; JRVP)
- Queneau, Paul, Ed. *Extractive Metallurgy of Copper, Nickel, and Cobalt*. New York: Interscience Publishers, 1960.
- Stevens, Horace J. *Historical Review of the Copper Mining Lake Superior Copper Mining Industry*. Self published in Houghton, MI, 1899.

### **C. Bibliography of Quincy Smelting Works drawings**

#### **1. Cited drawings**

"Crushing Plant General Arrangement," QMC Drawing Collection QD 2009, 19 Dec. 1919.

“Hand Rail etc. for By–Pass Stack Stand,” QMC Drawing Collection, QD 1937, 03 Feb. 1920.

“By–Pass Stack Stand,” QMC Drawing Collection, QD 1938, 01 Feb. 1920.

“By–Pass Stack Stand,” QMC Drawing Collection, QD 1939, 11 Mar. 1920.

“#3 Boiler Stand, Crane Runway, Foundations,” QMC Drawing Collection, QD 2060, 19 Feb. 1920.

“Stack for 300 h.p. Boiler #3 Furnace,” QMC Drawing Collection, QD 2070, 10 Jan. 1919.

## **2. Additional drawings**

Due to the large number of drawings reviewed from the Quincy Mining Company Drawings Collection at the MTU Copper Country Archives, only document numbers are given here; drawing names and dates have been omitted for brevity, however these can be easily found using the collection locator / reference guide included in the project box.

QD 0082, 0704, 1738, 1739, 1740, 1741, 1743, 1745, 1748, 1763, 1764, 1766, 1830, 1882, 1883, 1884, 1885, 1887, 1888, 1891, 1895, 1905, 1907, 1908, 1909, 1910, 1911, 1913, 1914, 1915, 1916, 1917, 1918, 1925, 1928, 1930, 1931, 1932, 1938, 1939, 1946, 1947, 1952, 1957, 1959, 1961, 1962, 1972, 1982, 1996, 1998, 1999, 2000, 2001, 2003, 2004, 2005, 2006, 2009, 2010, 2011, 2015, 2035, 2036, 2038, 2062, 2068, 2528.

From the HAER / QMC Documentation Project, MI–2:

“Quincy Smelting Works Reverberatory Furnace Building, 1898,” elevations, drw. 30, 1978.

“Quincy Smelting Works Reverberatory Furnace Building, 1898,” plan view and cross section of furnace, drw. 31, 1978.

“Quincy Smelting Works Engine Room, 1898,” plan view of all floors, drw. 32, 1978.

“Quincy Smelting Works Cupola Furnace Building, 1898,” south side elevation, drw. 33, 1978.

“Quincy Smelting Works Cupola Furnace Building, 1898,” plan views of 2<sup>nd</sup> and 3<sup>rd</sup> floors, drw. 34, 1978.

## **D. Bibliography of historic maps**

### **1. Cited maps**

“Analysis of Franklin Stamp Sands for Copper,” QSW Monday Letters, 21 Aug. 1923.

“Deposits of Sand in Portage Lake,” from the U.S. Congressional Series Set Vol. 21 (10), House Executive Document Number 85, from the 47<sup>th</sup> Congress, 2<sup>nd</sup> session. U.S. Engineer Office, Milwaukee, WI, 10 Nov. 1882. (MTU/JRVP Government Documents)

“Early Twentieth Century Mills & Smelters of the Portage Lake Area,” redrawn from same map by Brian Arneson in Lankton’s “Keweenaw Copper: Mines, Mills, Smelters and Communities.”

- “Hancock, MI,” Sandborn Fire Insurance Map company, sheets 4 and 5, 1888. Showing the location of the Pewabic and Franklin stamp mills in relation to Portage Lake. MTU archives.
- “Map of Quincy Smelting Works and Vicinity,” QMC Drawing Collection, QD 2025, 12 Jul. 1907.
- “Map of Quincy Smelting Works and Vicinity,” QMC Drawing Collection, QD 2045, corrected 01 Nov. 1906.
- “Map of Quincy Smelting Works,” QMC Drawing Collection, QD 1083, 07 Dec. 1920.
- “Map of Smelter and Vicinity,” QMC Drawing Collection, QD 1056, 29 Apr. 1909.
- No title. Map showing lands held by the Pewabic Mining Company. Drawn by Henry Merryweather, Mayer & Stetfield Lithographers, Boston. From the Pewabic Mining Company Annual Report of 1860.
- No title. Map showing the progression of stamp sands along the original shoreline of the Portage Lake in the vicinity of the Franklin and Pewabic stamp mills. U.S. Bureau of Engineers of the War Department, 1886. (MTU Copper Country Archives)
- “Quincy Smelting Works Track System,” QMC Drawing Collection, QD 2032, 20 Sep. 1919.
- “Quincy Smelting Works,” c. 1972 property map filed at the Houghton County Tax Office.
- “Quincy Smelting Works,” QMC Drawing Collection, QD 1076, c.1898 (no date).
- “Ripley, Quincy, Pewabic & Franklin, 1873” HAER / MI-2-4, Quincy Mining Company documentation project, 1978. from Library of Congress Prints and Photographs Division website.
- “Sketch of Waterfront and Docks, Quincy Smelting Works,” QMC Drawing Collection, QD 1497, 03 May 1916.
- “Smelter,” QMC Drawing Collection, QD 1153, 14 Sep. 1942.

## 2. *Additional maps*

Due to the large number of maps reviewed from the Quincy Mining Company Drawings Collection at the MTU Copper Country Archives and from the HAER 1978 documentation project, only document numbers are given here; map names and dates have been omitted for brevity, however these can be easily found using the collection locator / reference guide included in the project box.

Quincy Document Collection: QD 0107, 0108, 1227, 1414,2030, 2034, 2037.

HAER QMC Documentation Project, MI-2: “Quincy Smelting Works in 1898 and 1907,” drw. 28, “Quincy Smelting Works in 1920,” drw. 29.

## ***E. Bibliography of historic and current photographs***

### ***1. Cited photographs***

- “Charcoal house on left (1898); assay office on right (1898 with 1908 addition).” July 1978. Jet Lowe, photographer. HAER MI-2-210, Library of Congress.
- “Cirkut view of Ripley from Carrol’s Dock, Houghton, MI.” Dec. 9, 1910. Charles E. Scarlett, photographer. PAN US GEOG-Michigan No. 11, Library of Congress Prints and Photographs Division.
- “Early 20<sup>th</sup> century view of copper cakes ready to be shipped from Quincy smelter.” Photographer unknown. HAER MI-2-178, MTU Copper Country Archives.
- “Early 20<sup>th</sup> century view of Quincy smelter with Quincy Hill in the background, as seen from Houghton, across Portage Lake.” c.1910. photographer unknown. HAER MI-2-174, neg. 01316, MTU Copper Country Archives.
- “Franklin Mining Company stamp mill, 1873.” photographer unknown. Neg. 03412, MTU Copper Country Archives.
- “Quincy smelter.” c.1910. Photographer unknown. neg. 03697, MTU Copper Country Archives.
- “Quincy smelter.” c.1910. Photographer unknown. neg. 03698, MTU Copper Country Archives.
- “Slag shed, briquette plant, and trestle.” c.1907. Photographer unknown. MTU Copper Country Archives.
- “View from east end of smelter complex, showing dockside warehouse (1898), reverberatory furnace building (1898), and casting plant (1920).” July 1978. Jet Lowe, photographer. HAER MI-2-182, Library of Congress.
- “View from hilltop looking down on QMC smelter.” C. 1910. photographer unknown. HAER MI-2-176, neg. 05463, MTU Copper Country Archives.
- “View of Quincy smelter taken from across Portage Lake, c.1905.” photographer unknown. HAER MI-2-175, neg. 03624, MTU Copper Country Archives.
- “Worker operating a Walker Casting Machine at the C&H smelter.” c. 1900. Photographer unknown. from the collection of Views from the Past, Marquette, MI.

### ***2. Additional photographs***

Due to the large number of photographs reviewed from the MTU Copper Country Archives and from the HAER 1978 documentation project, only negative / document numbers are given here; photograph names and dates have been omitted for brevity, however these can be easily found using the HAER Master Project Record guide included in the project box with photocopies and descriptions of the HAER photographs listed here below.

MTU Copper Country Archives vertical file “Smelters-Quincy smelter:” neg. 03419, 03699, 01314.

HAER QMC Documentation Project, MI-2: MI-2-172, 173, 177, 179, 180, 181, 183-185, 187-192, 194, 199, 203-205, 211-215.

Quincy Smelting Works Photo Documentation Project, 2001: produced by Gianfranco Archimede / MTU Industrial Archaeology Program for the Keweenaw National Historical Park (NPS), Calumet, MI. summer, 2001