

Phase I  
Environmental Site  
Assessment

East Mineral Avenue  
Mountain Iron, Minnesota

**Wenck File #0754-10**

Prepared for:

**CITY OF MOUNTAIN IRON**  
8586 Enterprise Drive South  
Mountain Iron, Minnesota 55768-8260

Prepared by:

**WENCK ASSOCIATES, INC.**  
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June 2005



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# Table of Contents

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<b>1.0</b>	<b>EXECUTIVE SUMMARY .....</b>	<b>1-1</b>
1.1	Subject Property Description .....	1-1
1.2	Subject Property History .....	1-2
1.3	Subject Property Observations .....	1-2
1.4	Subject Property Regulatory Information .....	1-2
1.5	Recognized Environmental Conditions .....	1-3
<b>2.0</b>	<b>PURPOSE AND SCOPE.....</b>	<b>2-1</b>
2.1	Purpose.....	2-1
2.2	Scope.....	2-1
2.3	Significant Assumptions .....	2-4
2.4	Limitations and Exceptions.....	2-4
2.5	Special Terms and Conditions .....	2-5
2.6	User Reliance .....	2-5
<b>3.0</b>	<b>SITE DESCRIPTION .....</b>	<b>3-1</b>
3.1	Site Location .....	3-1
3.2	Site and Vicinity General Characteristics .....	3-1
3.3	Current Use of the Subject Property .....	3-1
3.4	Description of Structures, Roads, Other Improvements .....	3-2
3.5	Current Use of Adjoining Properties .....	3-2
<b>4.0</b>	<b>USER PROVIDED INFORMATION .....</b>	<b>4-1</b>
4.1	Title Record Information .....	4-1
4.2	Environmental Liens or Activity Use Limitations.....	4-1
4.3	Specialized Knowledge.....	4-1
4.4	Valuation Reduction for Environmental Reasons.....	4-1
4.5	Owner, Property Manager, and Occupant Information .....	4-2
4.6	Reason for Performing Phase I ESA.....	4-2
<b>5.0</b>	<b>RECORDS REVIEW .....</b>	<b>5-1</b>
5.1	Regulatory Records Review .....	5-1
5.2	Physical Setting.....	5-2
5.2.1	Topography.....	5-2
5.2.2	Geology .....	5-3
5.2.3	Hydrogeology.....	5-3

---

## Table of Contents (Cont.)

---

5.3	Historical Use Information .....	5-3
5.3.1	Aerial Photographs .....	5-3
5.3.2	Historical Maps .....	5-5
5.3.3	City Directories .....	5-5
<b>6.0</b>	<b>SITE RECONNAISSANCE.....</b>	<b>6-1</b>
6.1	Subject Property Observations.....	6-1
6.1.1	Materials Management .....	6-1
6.1.2	Solid and Hazardous Waste Management .....	6-1
6.1.3	Aboveground and Underground Storage Tanks .....	6-1
6.1.4	Water Supply, Wastewater, and Stormwater.....	6-2
6.1.5	Wells, Drywells, and Lagoons.....	6-2
6.1.6	Polychlorinated Biphenyls.....	6-2
<b>7.0</b>	<b>INTERVIEWS .....</b>	<b>7-1</b>
7.1	Interview with Representative .....	7-1
7.2	Interview with Local Government Officials .....	7-1
<b>8.0</b>	<b>FINDINGS.....</b>	<b>8-1</b>
8.1	Revealed Findings.....	8-1
<b>9.0</b>	<b>RATIONALE .....</b>	<b>9-1</b>
<b>10.0</b>	<b>CONCLUSIONS.....</b>	<b>10-1</b>
<b>11.0</b>	<b>DEVIATIONS.....</b>	<b>11-1</b>
<b>12.0</b>	<b>NON-SCOPE CONSIDERATIONS .....</b>	<b>12-1</b>
12.1	Asbestos .....	12-1
12.2	Radon .....	12-1
12.3	Lead-Based Paint .....	12-1
12.4	Lead in Drinking Water .....	12-1

---

## Table of Contents (Cont.)

---

12.5	Wetlands .....	12-1
12.6	Regulatory Compliance .....	12-2
12.7	Cultural and Historic Resources .....	12-2
12.8	Industrial Hygiene.....	12-2
12.9	Health and Safety .....	12-2
12.10	Ecological Resources .....	12-2
12.11	Endangered Species .....	12-2
12.12	Indoor Air Quality.....	12-3
12.13	High Voltage Power Lines.....	12-3
<b>13.0</b>	<b>REFERENCES .....</b>	<b>13-1</b>
<b>14.0</b>	<b>SIGNATURE PAGE .....</b>	<b>14-1</b>
<b>15.0</b>	<b>QUALIFICATIONS.....</b>	<b>15-1</b>

### **FIGURES**

- 1 Location Map
- 2 Plat Map

### **APPENDICES**

- A Environmental Data Resources, Inc. (EDR) Radius Map™ Report
- B Aerial Photographs
- C Historical Information Gatherers Report
- D Site Photographs

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## 1.0 Executive Summary

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This Environmental Site Assessment (ESA) was completed in accordance with the standards of the American Society for Testing and Materials Phase I Environmental Site Assessment Process (Designation E 1527-00). The ESA focuses on applying *good commercial and customary practice* to identify *recognized environmental conditions* with respect to a parcel (or parcels) of *commercial real estate*. The primary focus is to determine whether any on-site operations, either present or historic, have caused or contributed to releases of *hazardous substances* or *petroleum products* to the environment. Additionally, the ESA requires the *environmental professional* to evaluate *business environmental risk* associated with the parcel that may ultimately necessitate investigation beyond that identified within the minimum scope of the practice.

In the process of preparing this ESA, the following steps were taken: a *records review* from various sources; a *site reconnaissance*; *interviews* with persons knowledgeable about the Subject Property; *evaluation* of the revealed information; and *preparation of this report*.

### 1.1 SUBJECT PROPERTY DESCRIPTION

Wenck Associates, Inc. (Wenck) was authorized by the City of Mountain Iron to conduct a Phase I Environmental Site Assessment (ESA) of the property described as S ½ of the NE ¼ of Section 10, Township 58 North, Range 18 W (the Subject Property). The Subject Property is approximately 80 acres.

The Subject Property location is depicted in Figure 1. A Plat Map is provided in Figure 2.

## **1.2 SUBJECT PROPERTY HISTORY**

Based on the revealed information, the Subject Property location was undeveloped land with the exception of railroad tracks and iron ore mining overburden disposal piles. A portion of the Subject Property was utilized in the early 1980s by a construction company as a staging area during a capital improvement project at near by iron ore processing plant.

## **1.3 SUBJECT PROPERTY OBSERVATIONS**

The Subject Property currently contains little development. A former railroad grade (now a part of a regional rails-to-trail system) transects the western portion of the Subject Property. A second former railroad grades transects the Subject Property from its northwest corner to its southeast corner. This former railroad grade is currently an access road to two lakes located in abandoned mine pits. One mine pit is located on the northwest corner of the Subject Property and a second mine pit is located adjacent to the northern boundary of the Subject Property.

A centrally located area of the Subject Property that was formerly used by a construction company as an equipment and supply staging area had remnants of a concrete slab.

## **1.4 SUBJECT PROPERTY REGULATORY INFORMATION**

A regulatory database review was requested to provide information about verified or potential hazardous waste sites at or near the Subject Property.

No sites were revealed in the regulatory database that were located on the Subject Property.

Sites revealed in the regulatory database review within a one-mile radius of the Subject Property:

- One Minnesota Listed site, Mountain Iron Dump, was identified as being located near the site.

Additional information about the regulatory review is found in Section 5.1 – *Regulatory Records Review*.

## **1.5 RECOGNIZED ENVIRONMENTAL CONDITIONS**

Based on the revealed information, there were no *recognized environmental conditions* associated with the Subject Property.

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## 2.0 Purpose and Scope

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### 2.1 PURPOSE

The conclusions contained in this report have been made to assist the City of Mountain Iron in making a reasonable assessment of business related environmental risk with respect to recognized environmental conditions at the Subject Property at the present time. In addition the report is intended to satisfy the requirements of “all appropriate inquiry ... consistent with good commercial or customary practice” referenced in Superfund Amendments and Reauthorization Act § 9601(35)(B).

Additional user-stated reasons for performing the investigation may be identified in Section 4.6.

### 2.2 SCOPE

This ESA was prepared in accordance with the ASTM E 1527-00 standards. The purpose of this ESA was to identify, to the extent feasible and in accordance with the processes described herein, recognized environmental conditions in connection with the Subject Property. As defined in ASTM E 1527-00, the term *recognized environmental condition* means “the presence or likely presence of any *hazardous substances* or *petroleum products* on the subject property under conditions that indicate an existing release, past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the subject property or into the ground, groundwater or surface water of the subject property.” A summary of the general scope of work for this project is described in the following tasks:

- I. Records Retrieval and Review of Records
- II. Site Reconnaissance
- III. Interviews with those having knowledge about the Subject Property
- IV. Reporting



**Task I** involved obtaining *publicly available, practically reviewable and reasonably ascertainable* federal, state, county, and city information about the Subject Property or the adjacent properties. The purpose was to help identify recognized environmental conditions in connection with the Subject Property. This search reviewed Superfund sites; waste treatment, storage, and disposal facilities regulated under RCRA; spills or discharges of hazardous or toxic materials or petroleum products; and known or recorded landfills; well databases; etc.

As part of **Task I**, Wenck obtained reasonably ascertainable, publicly available, and practically reviewable standard sources of information pertaining to the Subject Property. These sources of information were searched for information that would yield information about recognized environmental conditions or business-related environmental risks in connection with the Subject Property or other properties within minimum established search distances of the Subject Property.

**Task II** involved a “walkover” survey of the Subject Property to visually inspect and evaluate the Subject Property for any recognized environmental condition or business-related environmental risks. The assessment included a visual inspection of the structures and the grounds. The grounds of the Subject Property were observed for filling, subsidence, unusual land or surface forms, colorations, odors, indications of any dumping, and evidence of any facilities on the Subject Property such as tanks, drains, drywells, etc. Observations pertaining to adjacent property use was also recorded where such observations pertained to recognized environmental conditions or business-related environmental risks.

**Task III** included interviews with people having knowledge of the Subject Property and the history of the surrounding properties in order to obtain information pertaining to recognized environmental conditions in connection with the Subject Property. These people included the Subject Property owner(s)/occupant(s), as well as local government officials.

Data gathered in the course of performing the above three tasks was used in concert to determine if information from one source indicated the need for additional information from another source.

**Task IV** involved assessment of the Subject Property by combining the information retrieved through data searches with the observations that were made during the Subject Property reconnaissance and interviews. Photographs were taken to document the overall status and current use of the Subject Property and specific areas of concern. **Task IV** also involved documenting the information from the previous tasks into this comprehensive report. The general contents of this report include:

- 1.0 Executive Summary
- 2.0 Purpose and Scope
- 3.0 Site Description
- 4.0 User Provided Information
- 5.0 Records Review
- 6.0 Site Reconnaissance
- 7.0 Interviews
- 8.0 Findings
- 9.0 Rationale
- 10.0 Conclusions
- 11.0 Deviations from Scope
- 12.0 Non-Scope Considerations
- 13.0 References
- 14.0 Signature Page
- 15.0 Qualifications of Environmental Professional
- 16.0 Figures
- 17.0 Appendices

Any deviations from the scope described in the ASTM E 1527-00 standard practice are identified in Section 11.0.

### **2.3 SIGNIFICANT ASSUMPTIONS**

Wenck has assumed that the user has provided accurate information that will assist Wenck in determining appropriate inquiry, including but not limited to actual knowledge, previously prepared reports, and title review information. In addition, Wenck assumes that for the purposes of the site reconnaissance, adequate information has been provided to accurately establish the physical boundaries of the parcel of real property to be evaluated.

### **2.4 LIMITATIONS AND EXCEPTIONS**

The results of this study performed by Wenck are based on the scope of work defined in Section 2.2, subject to any project-specific limitations or project-specific additional non-scope considerations described herein.

- Historical documentation dated prior to 1940 was not readily ascertainable for the Subject Property.
- Data gaps of greater than five years in historical documentation are present for the following periods:
  - 1940 – 1953
  - 1953 – 1961
  - 1961 – 1972
  - 1972 – 1981
  - 1981 – 1991
  - 1991 – 2003

As in the case with any investigation of finite scope, this review is intended to reduce, but cannot eliminate, the uncertainty regarding the potential for recognized environmental conditions in connection with a Subject Property. Therefore, the possibility of the presence of some localized substances that may be classified as hazardous cannot be ruled out completely.

## **2.5 SPECIAL TERMS AND CONDITIONS**

The purpose of this report is to aid in the environmental assessment of the Subject Property and not to evaluate the structural condition of the buildings or other features of the Subject Property. Except as identified in Section 2.3 and 2.4, or as described in Section 11.0, no intentional deviations from the Practice were made in preparing this report.

Wenck has performed its work in a manner consistent with the care and skill ordinarily exercised by members of the environmental profession under similar budget and time constraints. The conclusions contained in this report represent our professional opinions. These opinions were arrived at in accordance with currently accepted engineering practices at this time and location. Wenck Associates, Inc. does not offer any form of warranty or guarantee that the Subject Property contains no hazardous substances, pollutants or contaminants beyond those observed during the course of this assessment.

Wenck assumes no responsibility for the accuracy of information that was obtained from other sources, including, without limitation, regulatory and government agencies, persons knowledgeable about the Subject Property, and vendors of public practice.

## **2.6 USER RELIANCE**

This report has been prepared solely for the information and use of the addressee or addressees. Others wishing to rely on the findings of this report not having a contractual relationship with Wenck do so without permission and at their own risk. Our professional recommendations made to the addressee(s) are exclusive to that party(ies) disclosed intended or proposed consideration with respect to the Subject Property.

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## **3.0 Site Description**

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### **3.1 SITE LOCATION**

The Subject Property is approximately 80 acres located in the S ½ of the NE ¼ of Section 10, Township 58 North, Range 18 W. The Subject Property does not have a physical address but is located approximately 1,400 feet north of Highway 169 and 1,200 feet east of Mineral Avenue in Mountain Iron, St. Louis County, Minnesota.

The Subject Property location is depicted in Figure 1. A Plat Map is provided in Figure 2.

### **3.2 SITE AND VICINITY GENERAL CHARACTERISTICS**

The Subject Property is generally flat with slight elevation changes. Much of the Subject Property consists of sparsely wooded abandoned mine overburden disposal areas. Two former railroad grades transect the Subject Property. Undeveloped property that includes abandoned open pit iron ore mines are located north of the Subject Property. The abandoned mine pits are partially filled with water. Undeveloped areas with overburden disposal are located to the east, south and west of the Subject Property.

### **3.3 CURRENT USE OF THE SUBJECT PROPERTY**

Currently the Subject Property is undeveloped with the exception of a former railroad grade that has been paved and used as a recreation trail. The Subject Property also contains several unmaintained trails that are utilized for off-road and recreational vehicles.

### **3.4 DESCRIPTION OF STRUCTURES, ROADS, OTHER IMPROVEMENTS**

As previously mentioned, an abandoned railroad grade is located along on the western side of the Subject Property. This grade has been converted to paved recreation trail. A second railroad grade that trends northwest to southeast across the site is utilized as an access road to a lake that is present in a former mine pit north of the Subject Property.

### **3.5 CURRENT USE OF ADJOINING PROPERTIES**

Adjoining properties to the west, east, south and north have overburden mine dumps and are currently undeveloped. Located to the northwest and north of the Subject Property are two former open pit iron ore mines, former Iroquois and Waconiah mines respectively. Both of these mines have filled with water and created lakes in the former pits.

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## **4.0 User Provided Information**

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### **4.1 TITLE RECORD INFORMATION**

A chain of title review was not part of the scope of this project, nor was title records provided by the user.

### **4.2 ENVIRONMENTAL LIENS OR ACTIVITY USE LIMITATIONS**

According to the user, there are no environmental liens or activity use limitations (i.e., environmental restrictive covenants).

### **4.3 SPECIALIZED KNOWLEDGE**

The user has provided no records of any previous investigations of the Subject Property.

### **4.4 VALUATION REDUCTION FOR ENVIRONMENTAL REASONS**

According to representations made in the interview process, environmental liability or adverse environmental conditions were not a consideration at the time of the property purchase.

#### **4.5 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION**

Mr. Craig Wainio (City of Mountain Iron City Administrator) provided assistance and information concerning the Subject Property.

#### **4.6 REASON FOR PERFORMING PHASE I ESA**

This Phase I ESA is being performed as a component of due diligence activities pursuant to transferring the ownership of the Subject Property.



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## 5.0 Records Review

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### 5.1 REGULATORY RECORDS REVIEW

Wenck requested and reviewed a search of files from federal and state databases through Environmental Data Resources, Inc. (EDR) and Historic Information Gatherers for the Subject Property. The information from the regulatory records file search is presented in Appendix A. The following are the data files searched:

- EPA Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)
- EPA No Further Remedial Action Planned (NFRAP) Sites, removed from CERCLIS by EPA
- EPA National Priority List (NPL)
- MPCA Superfund Permanent List of Priorities (PLP)
- MPCA Hazardous Waste Generator/Investigation and Cleanup List
- MPCA Permitted Solid Waste Disposal Facilities
- MPCA RCRA Treatment, Storage and Disposal (TSD) Facilities
- MPCA 1980 Metropolitan Area Waste Disposal Site Inventory
- MPCA 1980 Statewide Open Dump Inventory
- MPCA Voluntary Investigation and Cleanup (VIC) Program
- MPCA Sites Delisted from Permanent List of Priorities
- MPCA Closed Landfill Sites Undergoing Cleanup
- MPCA Brownfields
- MPCA Minnesota No Further Action (Minnesota-NFA) List
- MPCA Spill Logs
- MPCA Other (sites not fitting one of the above categories)

The following databases were searched by city or ZIP Code:

- Facilities with Air Emission Violations within the city of Mountain Iron.
- A list of Air Permitted Facilities within the city of Mountain Iron.
- A list of registered Underground Storage Tank (UST) installations and a list of Leaking Underground/Aboveground Storage Tanks (LUST) reported within the 55768 zip code.
- Emergency responses reported within the city of Mountain Iron.

Finally, reported LUST sites within a one-half mile radius are identified on a map.

One site is identified within the regulatory search area as described above. The site is a Minnesota Listed Site – Open Dump Inventory List, and is listed as Mt. Iron Dump. This dump is located approximately 500 feet southwest of the Subject Property.

Thirty-one sites were listed as “orphan sites” due to inadequate location descriptions in the regulatory description. Review of these sites summaries indicated that none of the orphan sites appeared to be located on the Subject Property.

## **5.2 PHYSICAL SETTING**

### **5.2.1 Topography**

The Subject Property is generally a flat lying area approximately 1,450 feet above sea level. A small lake (approximately 700 feet by 300 feet) is located in the south central portion of the Subject Property. A majority of the Subject Property has had its original topography altered by filling of mine overburden material.

## 5.2.2 Geology

Published references describe the geology at the Subject Property as consisting of surficial deposits of the Aurora till plain of the St. Louis sublobe of the Des Moines lobe of the Wisconsin glaciation. Argillite and greywacke bedrock underlies the glacial materials at a depth of approximately 100 feet.

## 5.2.3 Hydrogeology

Groundwater flow in the unconfined water table system is <sup>reportedly</sup> ~~estimated~~ to the south. Depth to groundwater is estimated to be approximately 10 feet to 20 feet below ground surface. Locally, topographical features and abandoned open mine pits may influence flow direction and discharge points.

## 5.3 HISTORICAL USE INFORMATION

### 5.3.1 Aerial Photographs

Aerial photographs were reviewed from 1940, 1953, 1961, 1972, 1981, 1991, and 2003 (see Appendix ~~4~~<sub>5</sub>).

#### 1940 Photograph

The 1940 photograph shows the Subject Property containing the north south trending and east west trending railroad grades on the Subject Property. Most of the site is undeveloped lightly forested areas and open fields. Overburden mine material has been deposited to the west and south of the Subject Property. The Iroquois mine pit to the northwest of the Subject Property is visible and is partly filled with water. Mining activities appear to be active in the Waconiah mine pit that is located to the north of the Subject Property.

## **5.2.2 Geology**

Published references describe the geology at the Subject Property as consisting of surficial deposits of the Aurora till plain of the St. Louis sublobe of the Des Moines lobe of the Wisconsin glaciation. Argillite and greywacke bedrock underlies the glacial materials at a depth of approximately 100 feet.

## **5.2.3 Hydrogeology**

Groundwater flow in the unconfined water table system is repeatedly to the south. Depth to groundwater is estimated to be approximately 10 feet to 20 feet below ground surface. Locally, topographical features and abandoned open mine pits may influence flow direction and discharge points.

## **5.3 HISTORICAL USE INFORMATION**

### **5.3.1 Aerial Photographs**

Aerial photographs were reviewed from 1940, 1953, 1961, 1972, 1981, 1991, and 2003 (see Appendix B).

#### **1940 Photograph**

The 1940 photograph shows the Subject Property containing the north south trending and east west trending railroad grades on the Subject Property. Most of the site is undeveloped lightly forested areas and open fields. Overburden mine material has been deposited to the west and south of the Subject Property. The Iroquois mine pit to the northwest of the Subject Property is visible and is partly filled with water. Mining activities appear to be active in the Wacooniah mine pit that is located to the north of the Subject Property.

### **1953 Photograph**

The 1953 photograph's quality is relatively poor. However, the agricultural fields that were visible in the 1940 photograph are not visible on the 1953 photograph. Small roads or trails are located throughout the Subject Property. Overburden "dumping" south of the Subject Property has apparently created a small lake on the southern portion of the Subject Property. A constructed rectangle shaped earthen structure is visible northeast of the Subject Property.

### **1961 Photograph**

The 1961 photograph shows the Subject Property with mature trees in areas that were clear in the 1953 photograph. The mine overburden "dump" located to the south of the Subject Property is also covered with mature trees. A new road or railroad transects the Subject Property from its southeast corner to its northwest corner. The rectangle shaped structure observed in the 1953 photograph is clearly visible in the 1961 photograph and is larger in area. The structure appears to be a partly filled containment structure.

### **1972 Photograph (2)**

The 1972 photographs shows the Subject Property very similar to the 1961 photograph with the exception that the forest vegetation appears to be greater in density in the 1972 photograph. The Waconiah mine pit located to the north of the Subject Property is filled with water. Highway 169 has been constructed and is visible south of the Subject Property.

### **1981 Photograph**

The 1981 photograph shows the Subject Property with much denser tree coverage than the 1972 photograph with the exception of a square shaped area located north of the small lake. The area contains approximately 25 larger trucks parked in a line. Other trucks are visible within this area.

### **1991 Photograph**

The 1991 photograph shows the Subject Property with very little change from the 1981 photograph. The area with the previously observed trucks in the 1981 photograph is an open area in the 1991 photograph.

### **2003 Photograph**

The 2003 photograph is in color and shows the Subject Property's vegetation coverage in better detail than the 1991 photograph. The site is much the same as in the 1991 photo with the exception of two small concrete slabs in the area of the previously observed truck staging/storage area. Various small trails are visible throughout the Subject Property.

### **5.3.2 Historical Maps**

Four historical maps were reviewed, including the following USGS topographic maps; 1951 Virginia 7.5-Minute Quadrangle, 1969 Virginia 7.5-Minute Quadrangle, 1983 Virginia 7.5-Minute Quadrangle, and the 1985 Virginia 7.5-Minute Quadrangle.

The Subject Property does not change from the 1951 topographic map to the 1985 topographic map with the exception of a road that trends northwest to southeast across the site from the Iroquois Mine Pit to a mine dump located southeast of the Subject Property on the 1969 map. The 1985 map also shows that the mine dump located southeast of the Subject Property has expanded to include area including the southeastern portion Subject Property.

These maps are included as a portion of Appendix C.

### **5.3.3 City Directories**

Virginia Polk City Directories<sup>®</sup> were reviewed pertaining to the Subject Property for the years 2003-1973. Mineral Avenue (County Road 102) contained listings for the years 2003-1973. Listing for Mineral Avenue in the vicinity of the Subject Property are only included in the 1993

directory. The directory shows listing for the School Bus Garage (5635 Mineral Ave.) that is located north of the Subject Property and the General Electric Company (5521 Mineral Ave.) that is located south of the Subject Property. There were no listings between these properties, which is the area adjacent to the Subject Property.

The city directories are presented as a portion of Appendix C.

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## **6.0 Site Reconnaissance**

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### **6.1 SUBJECT PROPERTY OBSERVATIONS**

Wenck staff conducted a site reconnaissance on May 23, 2005. Subject Property photographs are included in Appendix D.

Limiting conditions during the site reconnaissance consisted of the following:

- The dense forest coverage prevented inspection of the entire property.
- Stressed vegetation could not be observed due to the Subject Property being observed prior to the growing season.

A gravel drive is located along a mine pit (Photograph 1). A pond trail is located on a former railroad grade (Photograph 2). Dense undergrowth and trees are located on a large portion of the Subject Property (Photographs 3-6).

#### **6.1.1 Materials Management**

The Subject Property is currently unimproved, and not used for industrial, manufacturing or other commercial activities. The former staging area for a construction company is visible on the Subject Property. The staging area contains concrete pads (Photograph 9) and some miscellaneous debris (Photograph 8).

#### **6.1.2 Solid and Hazardous Waste Management**

The Subject Property is currently unimproved, and not used for industrial, manufacturing or other commercial activities.



### **6.1.3 Aboveground and Underground Storage Tanks**

No evidence of aboveground or underground storage tanks was observed at the time of the site reconnaissance.

### **6.1.4 Water Supply, Wastewater, and Stormwater**

The Subject Property is currently unimproved and does not have developed water supply, wastewater or stormwater utilities.

### **6.1.5 Wells, Drywells, and Lagoons**

No other wells, drywells or lagoons were observed at the time of the site reconnaissance.

### **6.1.6 Polychlorinated Biphenyls**

No evidence of equipment containing PCBs was observed at the time of the site reconnaissance.

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## **7.0 Interviews**

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### **7.1 INTERVIEW WITH REPRESENTATIVE**

Date of Interview: June 7, 2005  
Name: Craig Wainio  
Company Name & Position: City of Mountain Iron/City Administrator  
Years familiar with Subject Property: 20 years  
Telephone Number: (218) 748-7570

Especially relevant information provided by Mr. Wainio was used throughout the report. He was not aware of any documented environmental issues related to the Subject Property. The City of Mountain Iron purchased the Subject Property in 1999. The Subject Property was previously tax-forfeited property.

### **7.2 INTERVIEW WITH LOCAL GOVERNMENT OFFICIALS**

Date of Interview: May 24, 2005  
Name: Donald Kleinschmidt  
Company Name & Position: City of Mt. Iron / Director of Public Works  
Years familiar with Subject Property: 25 years  
Telephone Number: (218) 748-7570

Especially relevant information provided by Mr. Kleinschmidt was used throughout the report. He was not aware of any documented environmental issues related to the Subject Property. Mr. Kleinschmidt reported the D.B. Western (an industrial construction company) used an area on the Subject Property as a staging area for equipment during a capital improvement project at the Minntac Iron Ore processing plant. He reported that the area was used to storage equipment, supplies and trucks during the project in the early 1980s.

Mr. Kleinschmidt reported that the City has leased the area located west of the Subject Property that is listed as the closed dump from United Steel Corporation. The City uses the area for sand and gravel storage and public works equipment storage.

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## 8.0 Findings

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### 8.1 REVEALED FINDINGS

The review of the revealed information shows the Subject Property has been undeveloped with the exception railroad grades, roadways, mining overburden “dumps” and a construction company’s equipment staging area. Minings overburden “dumps” typically contains unconsolidated sediments and non-iron bearing bedrock stripped from the ground during the development of open pit mine. These historic activities have created a low probability of on-site adverse environmental impacts.

Regulatory record review revealed the following information about historic sites and/or active sites.

- Mt. Iron Dump was listed as an adjacent site on the Minnesota Listed Site – Open Dump Inventory List in the regulatory records review.
- Thirty-one sites were listed in the regulatory records review as “orphan” sites due to inadequate addresses. Review of the sites revealed that none of them are located on or adjacent to the Subject Property.

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## 9.0 Rationale

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We have reviewed the above findings and come to the following conclusions:

*The use of the Subject Property as mine overburden "dump" is **not** a recognized environmental condition.* Mine overburden material typical consists of unconsolidated sediments and non-iron containing bedrock that is removed from during open pit iron ore mining. This fill material does not pose an environmental risk.

*The use of the Subject Property as railroad grades and access roadways are **not** a recognized environmental condition.* There were no documented releases or spills related to the railroad grades and access roads located on the Subject Property.

*The sites listed in the regulatory records review are **not** a recognized environmental condition.* No listed records are located on or adjacent the Subject Property, with the exception of the Mt. Iron Open Dump site that is located 500 feet west of the Subject Property. Because of their distances to the Subject Property and anticipated ground water flow direction; none of the listed sites poses a risk to the Subject Property.

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## 10.0 Conclusions

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We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-00 of the S ½ of the NE ¼ of Section 10 Township 58 North, Range 18 W. Any exceptions to, or deletions from, this practice are described in Section 2.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the Subject Property.

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## 11.0 Deviations

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There were no deviations from the scope of work causing this not to meet the ASTM E 1527-00 standard Phase I Environmental Site Assessment.

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## **12.0 Non-Scope Considerations**

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### **12.1 ASBESTOS**

An asbestos survey was not a part of this scope of work.

### **12.2 RADON**

A radon gas survey was not part of this scope of work.

### **12.3 LEAD-BASED PAINT**

A lead-based paint assessment was not a part of this scope of work.

### **12.4 LEAD IN DRINKING WATER**

An evaluation of the potential for lead in drinking water was not a part of this scope of work.

### **12.5 WETLANDS**

A delineation of potential on-site wetlands was not a part of this scope of work.



## **12.6 REGULATORY COMPLIANCE**

A compliance audit or review of regulatory compliance issues was not a part of this scope of work.

## **12.7 CULTURAL AND HISTORIC RESOURCES**

A review of cultural and historic resources was not a part of this scope of work.

## **12.8 INDUSTRIAL HYGIENE**

Reviews of issues relating to industrial hygiene were not a part of this scope of work.

## **12.9 HEALTH AND SAFETY**

Health and safety issues were not a part of this scope of work.

## **12.10 ECOLOGICAL RESOURCES**

Ecological resources were not a part of this scope of work.

## **12.11 ENDANGERED SPECIES**

Considerations concerning endangered species were not a part of this scope of work.

## **12.12 INDOOR AIR QUALITY**

Indoor air quality was not a part of this scope of work.

## **12.13 HIGH VOLTAGE POWER LINES**

An assessment of high voltage power lines was not a part of this scope of work.

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## 13.0 References

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U.S. Geological Survey, Water Resources of the St. Louis River Watershed, Northeastern Minnesota, Hydrologic Investigations Atlas HA-586 G. F. Lindholm, D.W. Ericson, W.L. Broussard, and M.F. Hult, 1979

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## 14.0 Signature Page

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Prepared by:

*Brian T Hayden*

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Brian T. Hayden  
Professional Geologist (Minnesota 30230)

Reviewed by:

*Paul D Josephson*

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Paul D. Josephson, P.E.  
Principal

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## 15.0 Qualifications

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### Company Experience

WENCK ASSOCIATES, INC. is a full-service environmental consulting firm that specializes in providing comprehensive environmental, regulatory, and safety guidance for our client's real estate asset protection, redevelopment and development needs. Collectively, Wenck offers our clients almost 20 years of experience, depth of technical and regulatory knowledge and expertise in the following service areas:

- Environmental Assessment Services (Phase I and II)
- Site Preparation/Planning Services
- Integrated Site Remediation and Risk-based Response Actions
- Storage Tank Removal, Replacement and Compliance
- Stormwater Management Plans and Permitting (NPDES requirements, etc)
- Wetlands Delineation and Mitigation
- Environmental Permitting and Compliance
- Asbestos and Lead Identification and Abatement
- Voluntary Cleanup Programs and Guidance on Public Funding Mechanisms for Brownfield Redevelopment
- Indoor Air Quality Assessment
- Facility Layout Review for Environmental and Safety Efficiency
- Environmental Impact Assessments (EIA) and Statements (EIS), Environmental Assessment Worksheets (EAW), Alternative Urban Areawide Review (AUAR)
- "Green Building" Design Services
- Pollution Prevention Plans

Wenck strives to provide our clients with strategic, high quality and cost-effective services that are customized to their specific needs. For more extensive information on the services we provide please refer to [www.wenck.com](http://www.wenck.com).

### Brian T. Hayden

Mr. Hayden is a Registered Profession Geologist in the State of Minnesota. He has been conducting environmental services since 1989.

Mr. Hayden has a holds a B.S. in Geology from The Ohio State University and postgraduate work at the University of Minnesota – Duluth.

**Paul D. Josephson, P.E.**

Mr. Josephson has practical experience in the assessment, investigation, cleanup and redevelopment of residential sites.

Mr. Josephson has conducted Phase I Environmental Site Assessments on a wide range of properties including residential, commercial, industrial, manufacturing and public properties. Residential properties range from single-family homes to high-rise apartments. Some vacant properties have been assessed prior to development for residential or commercial use.

Phase II sampling and investigation has been performed when required to further identify and quantify risks associated with residential properties.

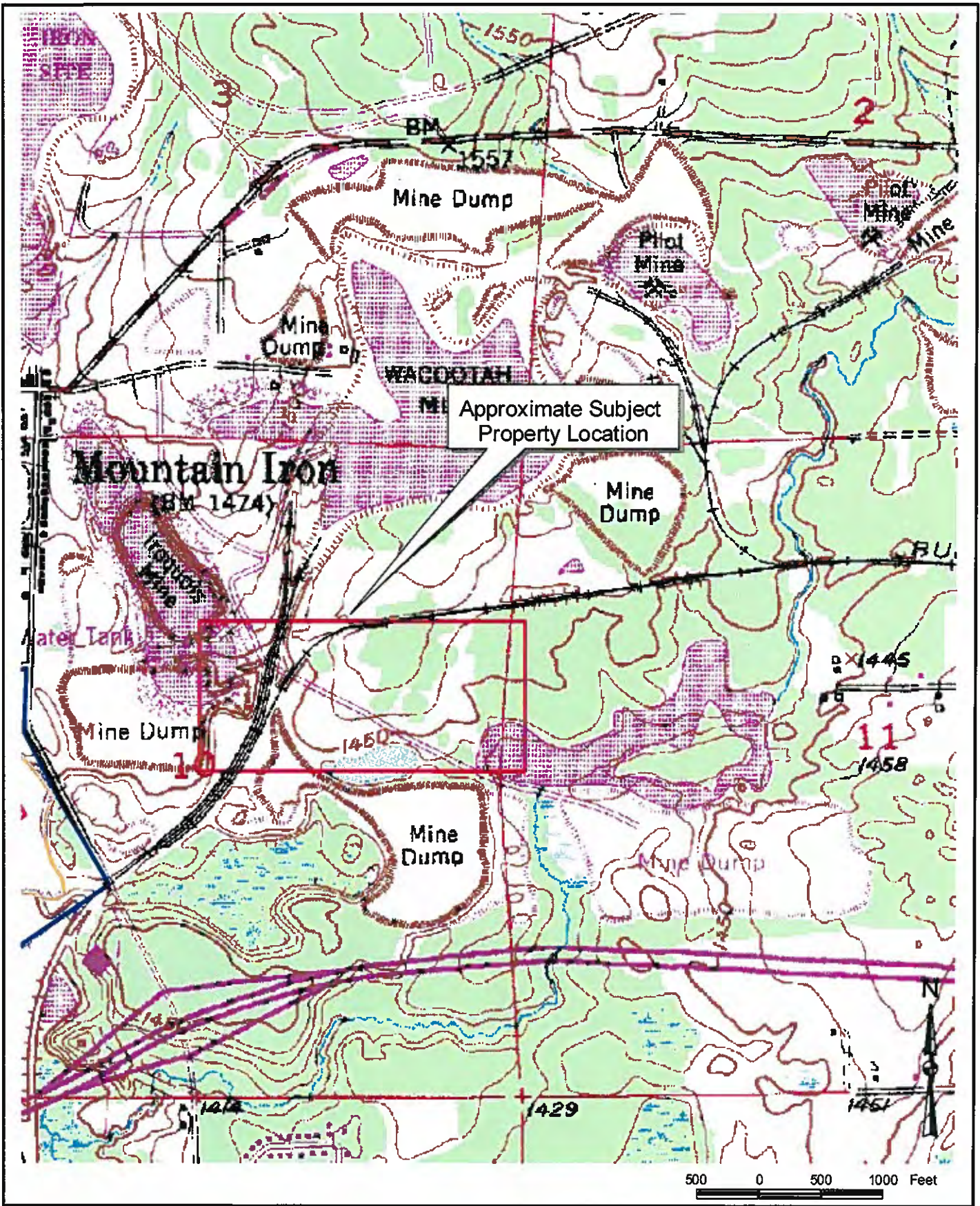
Mr. Josephson oversees hazardous materials surveys at various sites including residential properties. Those surveys include identification of asbestos-containing materials, PCB-ballasts, mercury switches, fluorescent lights, lead-based paint, and hazardous chemicals, as well as petroleum. This information is often incorporated into specifications used for bidding and removal of the substances from the properties.

Mr. Josephson has worked with developers to identify, mitigate and manage wetlands around residential developments. He has designed and installed water supplies for a large residential development.

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## Figures

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City of Mountain Iron

Location Map

company



**Wenck**

Wenck Associates, Inc. 1800 Pioneer Creek Center  
Environmental Engineers Maple Plain, MN 55359-0249

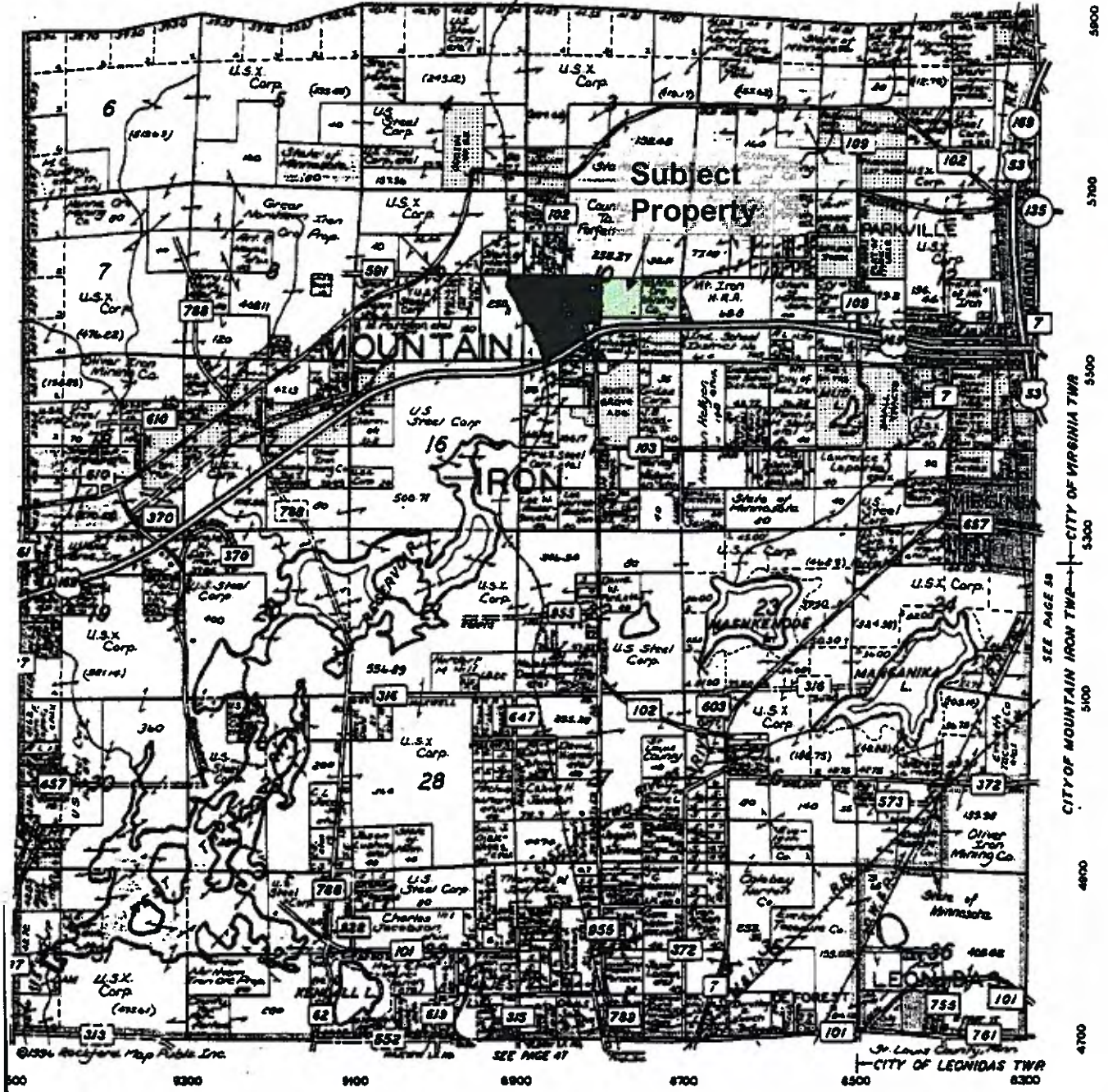
June 2005

Figure 1



SOUTH PART CITY OF MOUNTAIN IRON  
 NORTH PART CITY OF LEONIDAS  
 SOUTHWEST PART CITY OF VIRGINIA

T. 58 N.-R. 18 W.



NOT TO SCALE

CITY OF MOUNTAIN IRON

Plat Map



Wenck Associates, Inc 1800 Pioneer Creek Center  
 Environmental Engineers Maple Plain, MN 55359

JUNE 2005

FIGURE 2

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## **Appendix A**

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### **Environmental Data Resources, Inc. (EDR) Radius Map Report™**



**EDR™** Environmental  
Data Resources Inc

## **The EDR Radius Map™ Report**

**City of Mt. Iron  
East Mineral Avenue  
Mt. Iron, MN 55768**

**Inquiry Number: 01418541.1r**

**May 10, 2005**

### **The Standard in Environmental Risk Management Information**

440 Wheelers Farms Road  
Milford, Connecticut 06460

#### **Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

### TARGET PROPERTY INFORMATION

#### ADDRESS

EAST MINERAL AVENUE  
MT. IRON, MN 55768

#### COORDINATES

Latitude (North): 47.526300 - 47° 31' 34.7"  
Longitude (West): 92.609400 - 92° 36' 33.8"  
Universal Transverse Mercator: Zone 15  
UTM X (Meters): 529403.6  
UTM Y (Meters): 5263508.0  
Elevation: 1459 ft. above sea level

#### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 47092-E5 VIRGINIA, MN  
Source: USGS 7.5 min quad index

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ( "reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

#### FEDERAL ASTM STANDARD

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System  
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned  
CORRACTS..... Corrective Action Report  
RCRA-TSDF..... Resource Conservation and Recovery Act Information  
RCRA-LQG..... Resource Conservation and Recovery Act Information  
RCRA-SQG..... Resource Conservation and Recovery Act Information  
ERNS..... Emergency Response Notification System

#### STATE ASTM STANDARD

SHWS..... Site Remediation System Database

## EXECUTIVE SUMMARY

MN VIC..... Voluntary Investigation and Cleanup Program  
INST CONTROL..... Site Remediation Section Database

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in *bold italics* are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

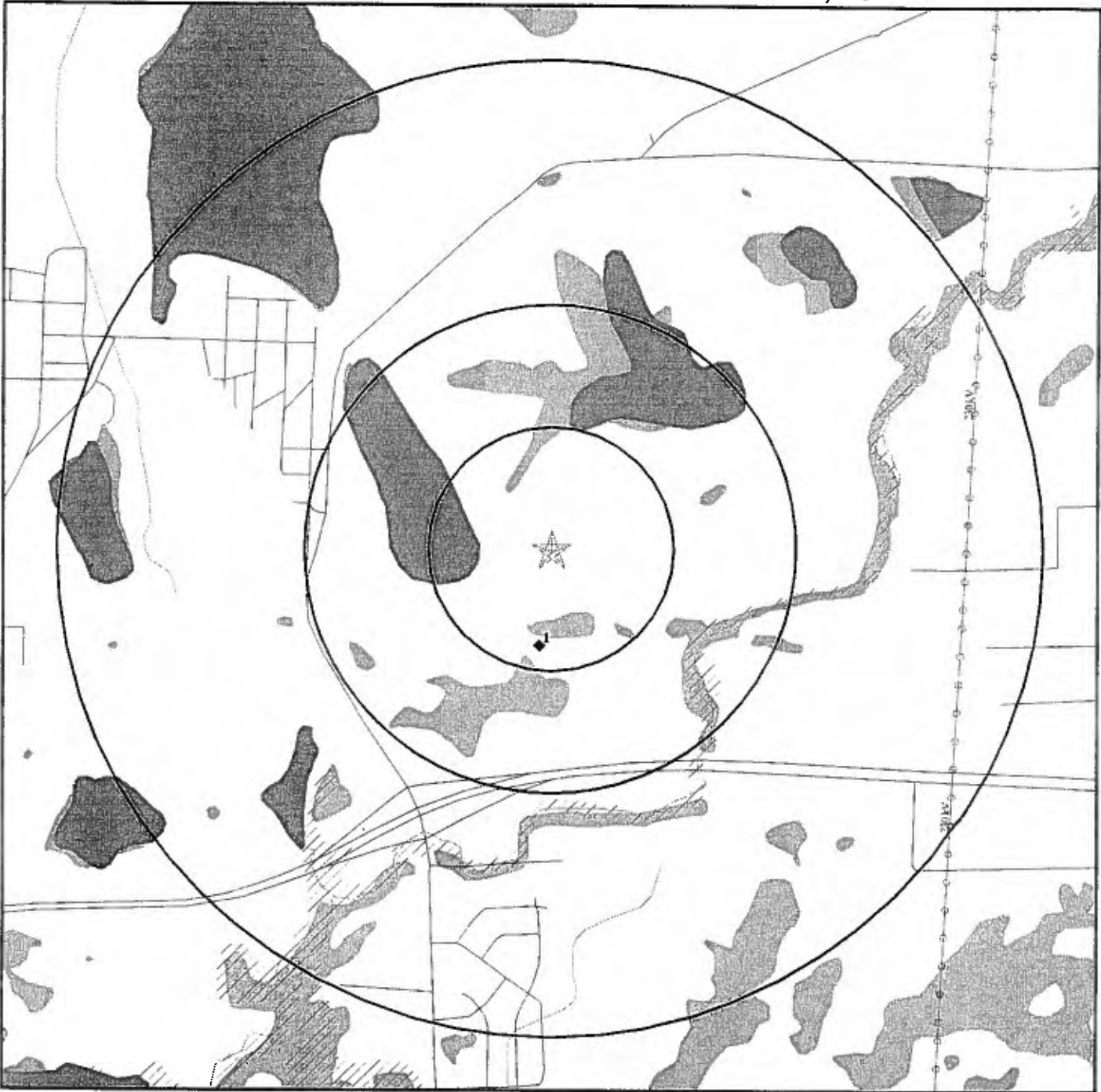
### STATE OR LOCAL ASTM SUPPLEMENTAL

**MN LS:** The List of Sites includes: Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), No Further Remedial Action Planned (NFRAP), National Priorities List (NPL), Permanent List of Priorities (PLP), Sites delisted from the Permanent List of Priorities (DPLP), Hazardous Waste Permit Unit Project Facilities (HW PERM), List of Permitted Solid Waste Facilities (SW PERM), 1980 Metropolitan Area Waste Disposal Site Inventory, 1980 Statewide Outstate Dump Inventory (ODI), Voluntary and Investigation Program (VIC), and Closed Landfill Sites Undergoing Cleanup (LCP). The List of Sites comes from Minnesota Pollution Control

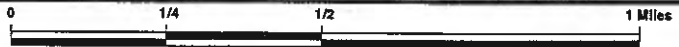
A review of the MN LS list, as provided by EDR, has revealed that there is 1 MN LS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MOUNTAIN IRON DUMP	"1/3 MI NE OF INTER OF	1/8 - 1/4 S	1	6

OVERVIEW MAP - 01418541.1r - Wenck Associates, Inc.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites



- Indian Reservations BIA
- ~ Power transmission lines
- ~ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- Federal Wetlands

TARGET PROPERTY: City of Mt. Iron  
 ADDRESS: East Mineral Avenue  
 CITY/STATE/ZIP: Mt. Iron MN 55768  
 LAT/LONG: 47.5263 / 92.6094

CUSTOMER: Wenck Associates, Inc.  
 CONTACT: Joseph Palo  
 INQUIRY #: 01418541.1r  
 DATE: May 10, 2005 1:40 pm

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
<b><u>FEDERAL ASTM STANDARD</u></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL	TP		NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		1.000	0	0	0	0	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
ERNS		0.125	0	NR	NR	NR	NR	0
<b><u>STATE ASTM STANDARD</u></b>								
State Haz. Waste		1.000	0	0	0	0	NR	0
MN PLP		1.000	0	0	0	0	NR	0
MN VIC		0.500	0	0	0	NR	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
UST		0.250	0	0	NR	NR	NR	0
MN DEL PLP		1.000	0	0	0	0	NR	0
INDIAN UST	TP		NR	NR	NR	NR	NR	0
<b><u>FEDERAL ASTM SUPPLEMENTAL</u></b>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		0.125	0	NR	NR	NR	NR	0
HMIRS		0.250	0	0	NR	NR	NR	0
MLTS		0.500	0	0	0	NR	NR	0
MINES	TP		NR	NR	NR	NR	NR	0
NPL Liens		0.125	0	NR	NR	NR	NR	0
PADS		0.125	0	NR	NR	NR	NR	0
FUDS		1.000	0	0	0	0	NR	0
DOD	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
ODI	TP		NR	NR	NR	NR	NR	0
RAATS		0.250	0	0	NR	NR	NR	0
TRIS		0.125	0	NR	NR	NR	NR	0
TSCA		0.125	0	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
<b><u>STATE OR LOCAL ASTM SUPPLEMENTAL</u></b>								
AST		0.125	0	NR	NR	NR	NR	0

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.**

<p>1          South          1/8-1/4          1053 ft.</p>	<p><b>MOUNTAIN IRON DUMP</b>          "1/3 MI NE OF INTER OF US169 / CSAH102, N OF US1          MOUNTAIN IRON, MN 55768</p>	<p>MN LS S100712213          N/A</p>
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<p>Relative:          Lower</p>	<p>MN LS:          CERCLIS: No          EPA ID: Not reported          No Further Remedial Action Planned: No          National Priorities List: No          Delisted From PLP By MPCA: No          Solid Waste Permit: No          Voluntary Cleanup &amp; Investigation: No          MPCA ID: MNODI0001509          Brownfield: Yes          RCRA Generator : No          RCRA Treatment Storage &amp; Disposal: No          Dumps: Yes          Entity Type: UNPERMDUMP          PLP: No          Facility Name 2: Not reported          Link ID: 2593          LCP: No</p>
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# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Elapsed ASTM days:** Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

## FEDERAL ASTM STANDARD RECORDS

### **NPL: National Priority List**

Source: EPA  
Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/14/04  
Date Made Active at EDR: 02/03/05  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/01/05  
Elapsed ASTM days: 2  
Date of Last EDR Contact: 02/01/05

### **NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 8  
Telephone: 303-312-6774

EPA Region 4  
Telephone 404-562-8033

### **Proposed NPL: Proposed National Priority List Sites**

Source: EPA  
Telephone: N/A

Date of Government Version: 12/14/04  
Date Made Active at EDR: 02/03/05  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 02/01/05  
Elapsed ASTM days: 2  
Date of Last EDR Contact: 02/01/05

### **CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System**

Source: EPA  
Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/15/05  
Date Made Active at EDR: 04/06/05  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/22/05  
Elapsed ASTM days: 15  
Date of Last EDR Contact: 03/22/05

### **CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned**

Source: EPA  
Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/14/04  
Database Release Frequency: Varies

Date of Last EDR Contact: 04/26/05  
Date of Next Scheduled EDR Contact: 07/25/05

## **ROD: Records Of Decision**

Source: EPA  
Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/10/05  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/04/05  
Date of Next Scheduled EDR Contact: 07/04/05

## **DELISTED NPL: National Priority List Deletions**

Source: EPA  
Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/14/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/01/05  
Date of Next Scheduled EDR Contact: 05/02/05

## **FINDS: Facility Index System/Facility Identification Initiative Program Summary Report**

Source: EPA  
Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/12/05  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/04/05  
Date of Next Scheduled EDR Contact: 07/04/05

## **HMIRS: Hazardous Materials Information Reporting System**

Source: U.S. Department of Transportation  
Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 11/16/04  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/19/05  
Date of Next Scheduled EDR Contact: 07/18/05

## **MLTS: Material Licensing Tracking System**

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/12/05  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/04/05  
Date of Next Scheduled EDR Contact: 07/04/05

## **MINES: Mines Master Index File**

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/03  
Database Release Frequency: Varies

Date of Last EDR Contact: 04/04/05  
Date of Next Scheduled EDR Contact: 07/04/05

## **INDIAN RESERV:** Indian Reservations

Source: USGS  
Telephone: 202-208-3710

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 10/01/03  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/08/05  
Date of Next Scheduled EDR Contact: 05/09/05

## **US ENG CONTROLS:** Engineering Controls Sites List

Source: Environmental Protection Agency  
Telephone: 703-603-8867

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/10/05  
Database Release Frequency: Varies

Date of Last EDR Contact: 04/04/05  
Date of Next Scheduled EDR Contact: 07/04/05

## **RAATS:** RCRA Administrative Action Tracking System

Source: EPA  
Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/07/05  
Date of Next Scheduled EDR Contact: 06/06/05

## **TRIS:** Toxic Chemical Release Inventory System

Source: EPA  
Telephone: 202-566-0250

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 03/22/05  
Date of Next Scheduled EDR Contact: 06/20/05

## **TSCA:** Toxic Substances Control Act

Source: EPA  
Telephone: 202-260-5521

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/02  
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 04/05/05  
Date of Next Scheduled EDR Contact: 06/06/05

## **FTTS INSP:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA  
Telephone: 202-566-1667

Date of Government Version: 04/13/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/21/05  
Date of Next Scheduled EDR Contact: 06/20/05

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/14/05  
Date Made Active at EDR: 04/13/05  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 03/23/05  
Elapsed ASTM days: 21  
Date of Last EDR Contact: 03/11/05

## **LUST: Leak Sites**

Source: Minnesota Pollution Control Agency  
Telephone: 651-649-5451

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/14/05  
Date Made Active at EDR: 04/13/05  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 03/22/05  
Elapsed ASTM days: 22  
Date of Last EDR Contact: 03/11/05

## **UST: Underground Storage Tank Database**

Source: Minnesota Pollution Control Agency  
Telephone: 651-649-5451

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/14/05  
Date Made Active at EDR: 04/14/05  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 03/22/05  
Elapsed ASTM days: 23  
Date of Last EDR Contact: 03/11/05

## **MN DEL PLP: Delisted Permanent List of Priorities**

Source: Pollution Control Agency  
Telephone: 651-296-6139

This generally means that either no more cleanup at a site is needed or that no state superfund funding is needed for long term monitoring activities.

Date of Government Version: 07/01/04  
Date Made Active at EDR: 10/21/04  
Database Release Frequency: Annually

Date of Data Arrival at EDR: 09/14/04  
Elapsed ASTM days: 37  
Date of Last EDR Contact: 03/09/05

## **INDIAN UST: Underground Storage Tanks on Indian Land**

Source: EPA Region 5  
Telephone: 312-886-6136

Date of Government Version: 12/02/04  
Date Made Active at EDR: 02/02/05  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 12/29/04  
Elapsed ASTM days: 35  
Date of Last EDR Contact: 02/22/05

## **STATE OF MINNESOTA ASTM SUPPLEMENTAL RECORDS**

### **AST: Aboveground Storage Tanks**

Source: Minnesota Pollution Control Agency  
Telephone: 651-296-0930  
Registered Aboveground Storage Tanks.

Date of Government Version: 03/14/05  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/11/05  
Date of Next Scheduled EDR Contact: 06/06/05

### **SPILLS: Spills Database**

Source: Minnesota Pollution Control Agency  
Telephone: 651-297-8617

Date of Government Version: 03/14/05  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/11/05  
Date of Next Scheduled EDR Contact: 06/06/05

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/07/05  
Database Release Frequency: Varies

Date of Last EDR Contact: 02/22/05  
Date of Next Scheduled EDR Contact: 05/23/05

**ENFORCEMENT:** Generators Associated with Enforcement Logs

Source: Minnesota Pollution Control Agency  
Telephone: 651-297-8332  
Regulatory Compliance, Hazardous Waste Enforcement Log and Hazardous Waste Permit Unit Project Identification List.

Date of Government Version: 12/01/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/25/05  
Date of Next Scheduled EDR Contact: 07/11/05

**BULK:** Bulk Facilities Database

Source: Department of Agriculture  
Telephone: 651-297-3997  
Facilities that use bulk pesticides and fertilizers

Date of Government Version: 03/08/05  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/08/05  
Date of Next Scheduled EDR Contact: 06/06/05

**AG SPILLS:** Department of Agriculture Spills

Source: Department of Agriculture  
Telephone: 651-297-3997  
This data is a list of pesticide/fertilizer incidents reported to have occurred in Minnesota.

Date of Government Version: 03/11/05  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/07/05  
Date of Next Scheduled EDR Contact: 06/06/05

## EDR PROPRIETARY HISTORICAL DATABASES

**Former Manufactured Gas (Coal Gas) Sites:** The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

### Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

## BROWNFIELDS DATABASES

**VIC:** Voluntary Investigation and Cleanup Program

Source: Minnesota Pollution Control Agency  
Telephone: 651-296-7291  
Voluntary Investigation and Cleanup (VIC) Program List.

Date of Government Version: 01/02/05  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/04/05  
Date of Next Scheduled EDR Contact: 07/04/05

**INST CONTROL:** Site Remediation Section Database

Source: Pollution Control Agency  
Telephone: 512-296-6300  
Sites that have an Institutional Control event.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **Nursing Homes**

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### **Public Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### **Private Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### **Daycare Centers: Child Care Centers**

Source: Department of Human Services

Telephone: 651-296-3971

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

### **STREET AND ADDRESS INFORMATION**

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City of Mt. Iron - EDA  
Property  
Mountain Iron, Minnesota

1940

HIG Project Number: MAF-1738

Client Project Number: 0754-10

Approximate Scale 1:6000 (1"=500')





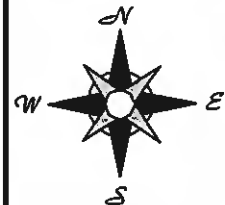
City of Mt. Iron - EDA  
Property  
Mountain Iron, Minnesota

1953

HIG Project Number: MAF-1738

Client Project Number: 0754-10

Approximate Scale 1:9600 (1"=800')







City of Mt. Iron - EDA  
Property  
Mountain Iron, Minnesota

1961

HIG Project Number: MAF-1738

Client Project Number: 0754-10

Approximate Scale 1:6000 (1"=500')





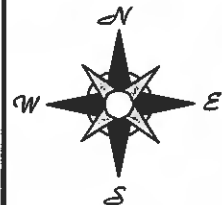
City of Mt. Iron - EDA  
Property  
Mountain Iron, Minnesota

1972

HIG Project Number: MAF-1738

Client Project Number: 0754-10

Approximate Scale 1:6000 (1"=500')





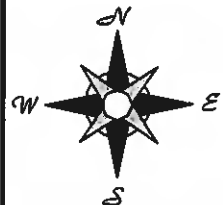
City of Mt. Iron - EDA  
Property  
Mountain Iron, Minnesota

1972

HIG Project Number: MAF-1738

Client Project Number: 0754-10

Approximate Scale 1:6000 (1"=500')





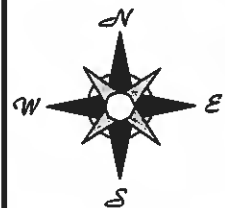
City of Mt. Iron - EDA  
Property  
Mountain Iron, Minnesota

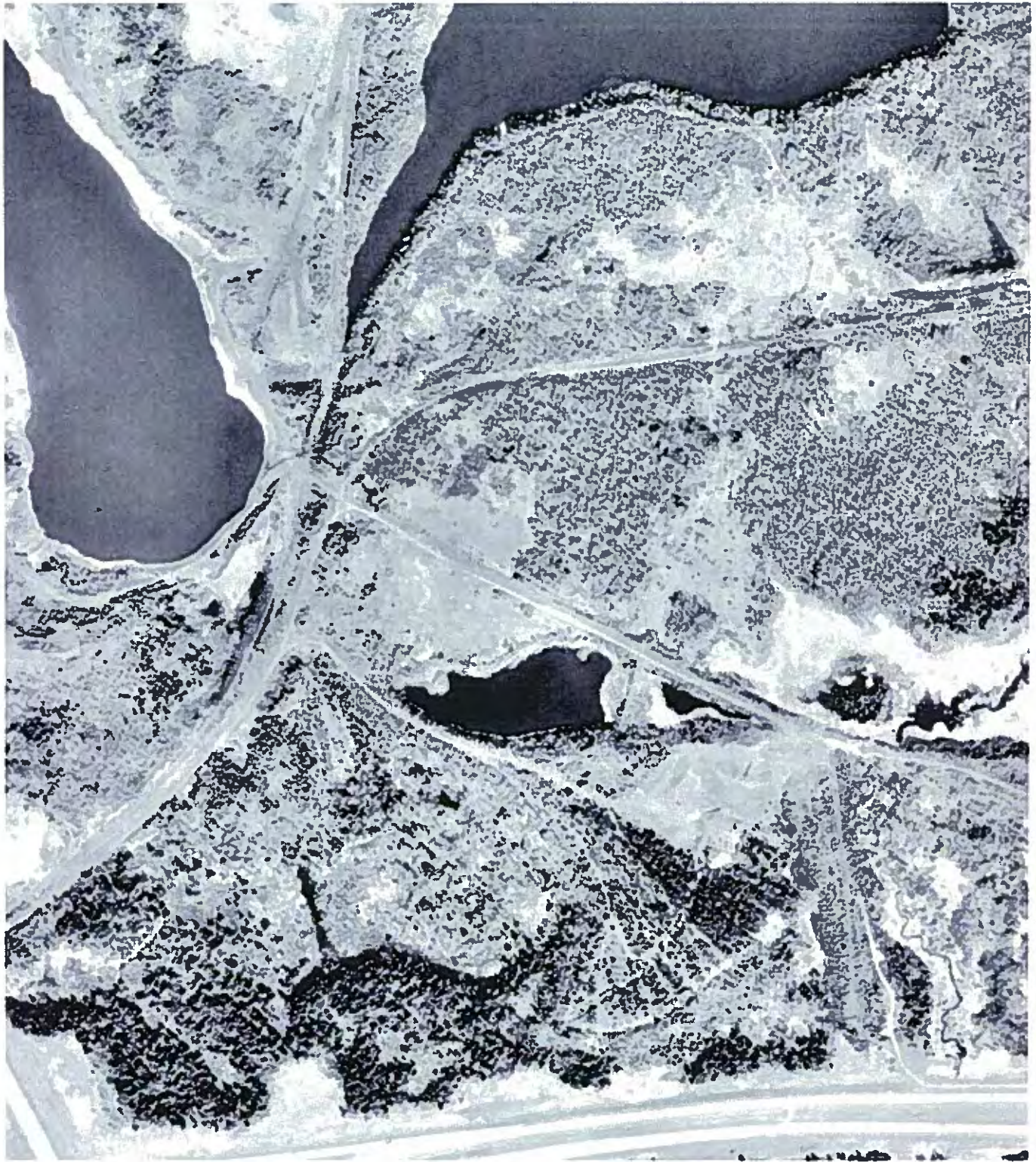
1981

HIG Project Number: MAF-1738

Client Project Number: 0754-10

Approximate Scale 1:6000 (1"=500')





City of Mt. Iron - EDA  
Property  
Mountain Iron, Minnesota

1991

HIG Project Number: MAF-1738

Client Project Number: 0754-10

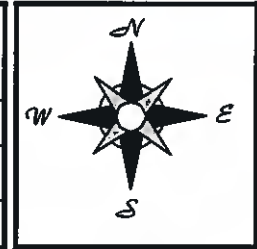
Approximate Scale 1:6000 (1"=500')





City of Mt. Iron - EDA  
Property  
Mountain Iron, Minnesota

2003  
HIG Project Number: MAF-1738  
Client Project Number: 0754-10  
Approximate Scale 1:6000 (1"=500')



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## **Appendix C**

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### **Historical Information Gatherers Report**

**SUMMARY OF HISTORICAL INFORMATION SEARCH**

**Site Location**

EDA Property  
East Mineral Ave.  
Mountain Iron, MN

**Conducted For**

Wenck Associates  
1800 Pioneer Creek Circle  
Maple Plain, MN

**Date Completed:** 5/23/05

**HIG Project #** MAF-1738



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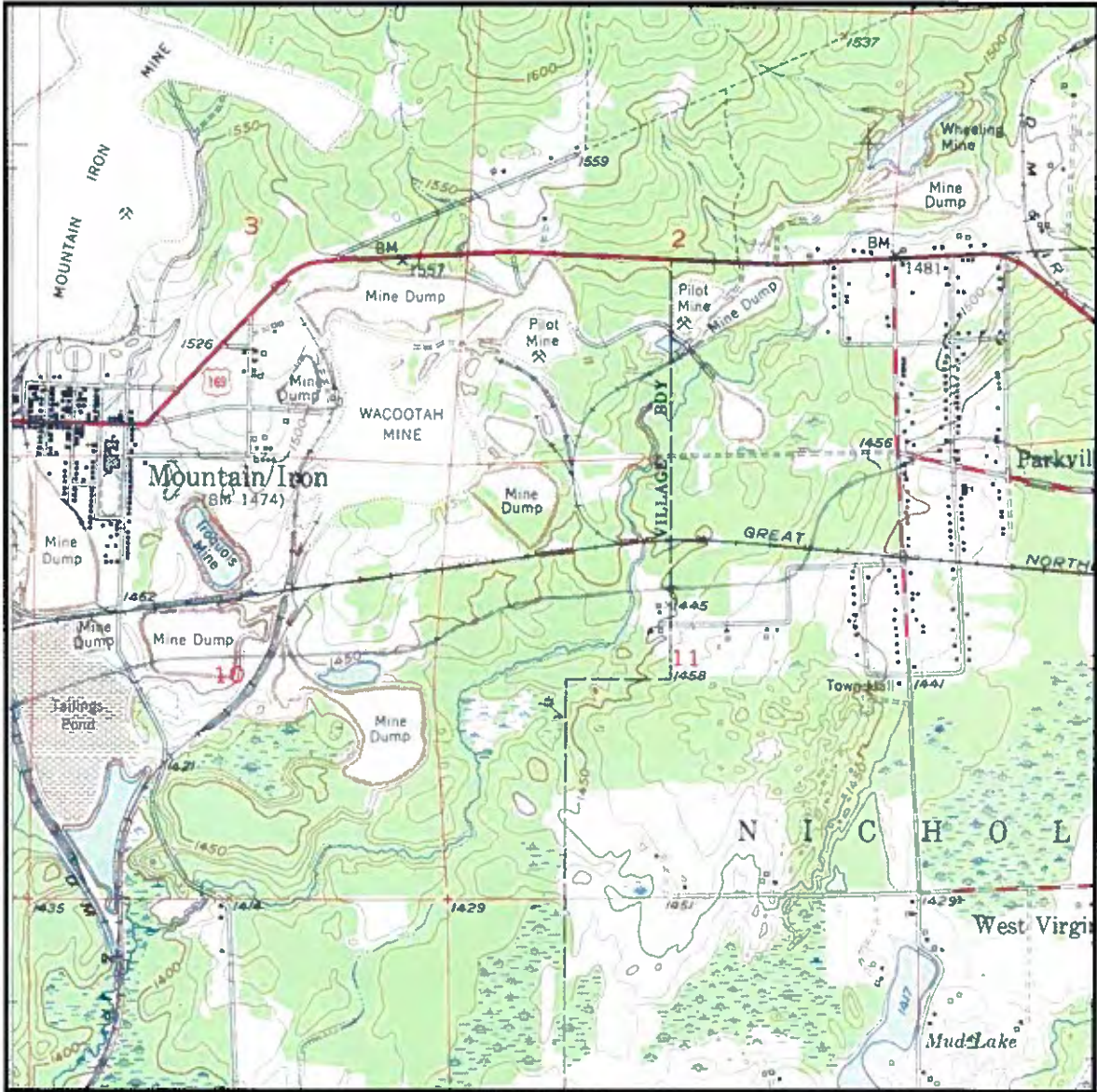
***AERIAL PHOTOGRAPHS:*** Aerial photographic coverage of the Site and Adjoining properties was obtained from HIGs Digital Library™ for the years 1940, 1953, 1961, 1972, 1981, 1991, and 2003.

***CITY DIRECTORIES:*** The city directory collection of HIGs Digital Library™ was searched for street listings of the Site and Adjoining Properties. The library contains Polk's Virginia City Directories for the years 2003-1942. Copies of listings found for Highway 169 (2003 Only) and Minearl Avenue East (2003-1973) are enclosed.

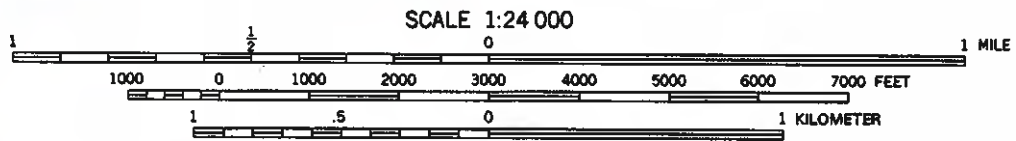
***HISTORICAL MAPS:*** No historic atlases which depict the site area were found. USGS Topographic Maps were obtained for the years 1951, 1969, 1983, and 1985. No copy of the plat map for the site area was found. Copies of the maps are enclosed.

***WELL INFORMATION:*** HIGs searched the well location map collection and the County Well Index (CWI) at the Minnesota Geological Survey (MGS). No wells were identified as possibly being on the site.





UNITED STATES GEOLOGICAL SURVEY 7.5 MINUTE SERIES TOPOGRAPHIC MAP

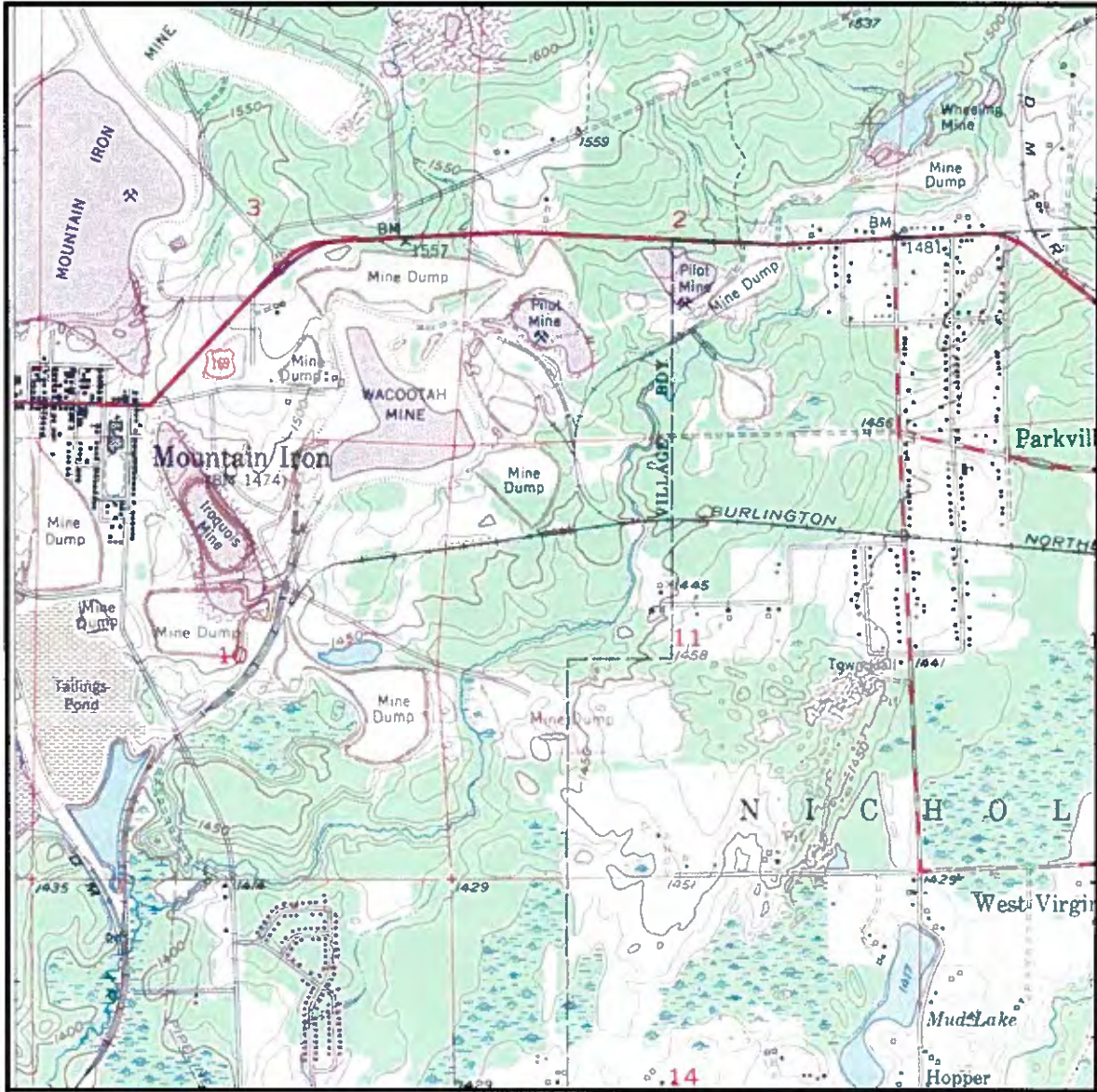


**H**istorical  
**I**nformation  
**G**atherers, Inc.

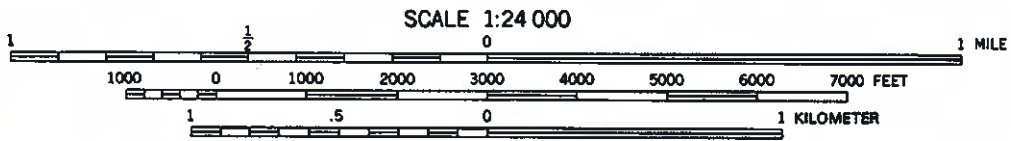


VIRGINIA, MINN.

1951



UNITED STATES GEOLOGICAL SURVEY 7.5 MINUTE SERIES TOPOGRAPHIC MAP

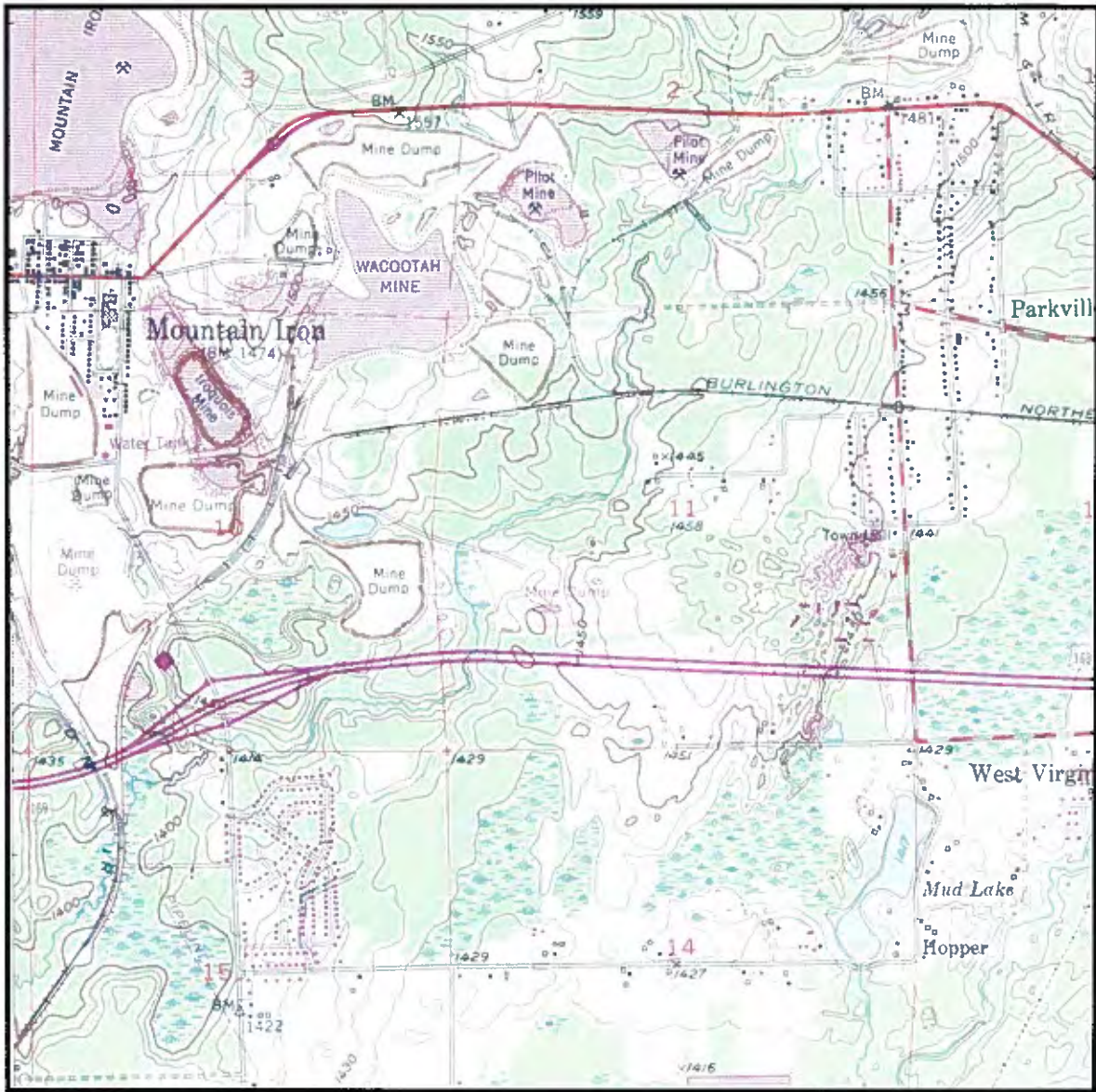


**H**istorical  
**G**atherers, Inc.  
Information

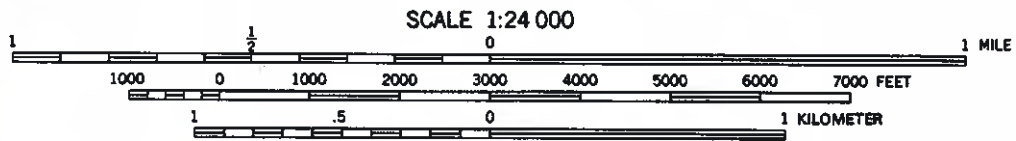


VIRGINIA, MINN.

1951  
PHOTOREVISED 1969



UNITED STATES GEOLOGICAL SURVEY 7.5 MINUTE SERIES TOPOGRAPHIC MAP

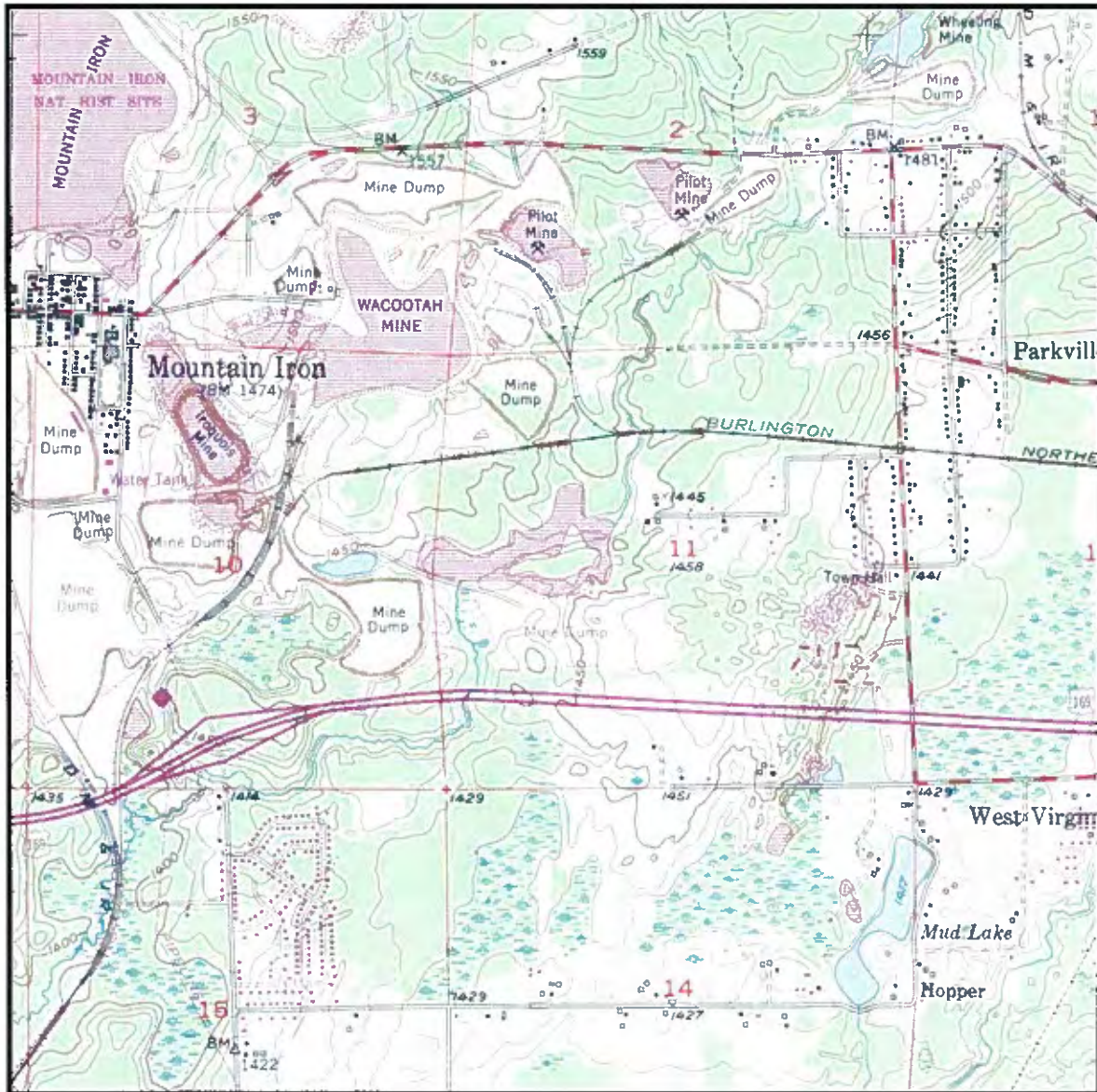


**H**istorical  
**I**nformation  
**G**atherers, Inc.

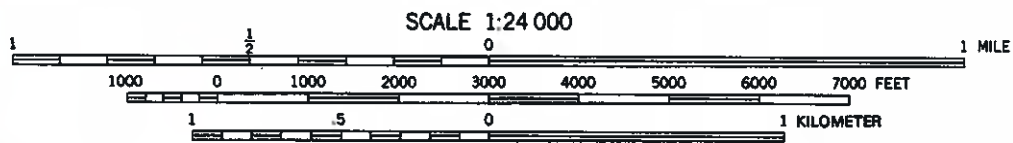


VIRGINIA, MINN.

1951  
PHOTOREVIED 1983



UNITED STATES GEOLOGICAL SURVEY 7.5 MINUTE SERIES TOPOGRAPHIC MAP



**H**istorical  
**G**atherers, Inc.  
**I**nformation



VIRGINIA, MINN.

1951  
PHOTOREVISED 1985



Northern Transportation Co.  
Inc.

218 5th St. N. W. Fargo

(in 71 311)

120

- MICHIGAN AV E (G)—Conid**  
109 Gregorich Rose Mrs @ 741-5806  
111 Gregorich John @ 741-8024  
112 Kralich Edw A  
† Lautigar James T @ 749-2194  
114 Grabek Anna Mrs @ 749-2022  
115 Gripp Charles P @ 741-6502  
118 Kramerich John E @ 741-2023  
119 Gentile Orlando J @ 741-7031  
**SAINT LOUIS ST INTERSECTS**  
201 Vacant  
202 Hilar John L @ 741-2539  
204 † Furman James F 741-4687  
205 Poderzay Edw J @ 741-8703  
207 Gulan James P @ 749-2058  
208 Hognlund Theo @ 741-3901  
213 Velaschik Sylvia Mrs @ 741-2580  
215 Krezel John J @ 741-4435

- 18**  
**MICHIGAN AV W (GILBERT)**  
**FROM S BROADWAY WEST**  
ZIP CODE 55741  
101 Brula Henry S @ 741-8038  
104 Vacant  
105 Margeta Gasper @ 741-6232  
106 Rhine Gordon L @ 741-0320  
106½ No Return  
107 Shea Anthony T @ 741-3160  
110 Pearson Alvar E @ 741-5805  
111 Shean Nelle @ 741-1906  
112 Glatch Edw S @ 741-8389  
114 Moren Anne M Mrs @ 741-1406  
115 Shusterich Fred L @ 741-6528  
117 Keller Arno @ 741-2838  
118 † Adamic Louise 741-0464  
119 Potocnik Joseph @ 741-8607  
120 Stupca Ludwig F @ 741-0489  
201 Paciotti Carlo R @ 741-1904  
202 Pike Anton G @ 741-0382  
204 Oksanen Richd J @ 741-2383  
207 Manni Elmer E @ 208 Vacant  
209 Thompson Harry @ 749-1797  
211 Vacant  
212 Sneiderich Ann J Mrs @ 741-3852  
213 Kiser Marjorie J Mrs @ 741-4609  
217 Kivela Wm A @ 741-1687

- 219 Preiner James W @ 741-7822  
301 † Elofson John @ 741-1475  
309 Walek Edw J @ 741-2587  
312 Trampesch John @ 741-5029  
313 Arko Louis L @ 741-1185  
316 Stoeffen Lyle F @ 741-1834  
319 Krezel Frank J @ 741-3589  
320 Novak Wm I @ 741-8338  
401 Mihelich Magdalena Mrs @ 741-8439  
402 Bombich Wm S @ 741-5980  
408 Beton Stanley @ 741-8789  
417 De Luca John A @ 741-2434  
419 Mihelich Geo E Jr excavating contr @ 741-7185  
420 Beton Frank L @ 741-5933  
501 Schutte Rudolph J @ 749-2415  
502 Vacant  
506 Jakel Ludwig J @ 741-4478  
510 Juth Thos J @ 749-2669  
516 Hill Crest Beauty Salon 741-5160  
Beton Wm J @ 741-5160  
604 Grabek James B @ 741-2933  
616 Mehle Anton B @ 749-1183  
620 Wiirre Louis C @ 741-2984

- 15**  
**MICHIGAN ST (EVELETH)**  
**FROM FAYAL AV EAST 1**  
**NORTH OF FAYAL RD**  
ZIP CODE 55734  
902 Lertner Albert J @ 741-6299  
**ELBA AV INTERSECTS**  
**AUBURN AV INTERSECTS**  
**NORMAN AV INTERSECTS**

- 13**  
**MIDWAY DR —FROM**  
**CUYUNA DR SOUTH**  
**RUNNING PARALLEL TO**  
**HIGHWAY 33**  
ZIP CODE 55792  
47 Midway Conoco mgf 741-9841  
51 Virginia Pet Clinic 741-3551  
73 Salo's Meadowgold Dairy 749-2117  
75 Blume Delmont R @ 741-1968  
77 Bourgin David A @ 749-1920  
79 Ruthenbeck Karl E @ 741-3810  
81 Jensrud Simon O @ 741-6636  
83 † Moilan Warren M @ 741-9662

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121

- MIDWAY DR.—Contd**  
85 Molecky Peter A. Jr @ 741-7322  
end Midway Phillips 66 741-9866

- 13**  
**MIDWAY GARDENS —AN**  
**ADDITION TO VIRGINIA ON**  
**HIGHWAY TO EVELETH**  
ZIP CODE 55792  
Iron Range Motel 741-6145  
Dairy Queen ice cream  
Maryland Trailer Park 741-6145  
† Ross A D 741-7869  
† Chute Robt C 749-5361  
† Horvath Robt  
† Peterson Terry 749-5646  
Macelland Kelly  
Hular Gregory A 741-5906  
Johnson Christine O 741-9062  
Lestkar Michl  
† Maki David 741-3491  
Lee Thos F 741-1792  
Castagneri Angelo  
† Kois Mary 749-5580

- 12**  
**MIDWAY DR.—Contd**  
139 † Marttila Eino J @ 735-8792  
138½ † Marttila Lalmi E 735-8454  
140 † Kerola Lillian E @ 735-8601  
142 † Crivich Miles @ 736-8556  
**2D ST INTERSECTS**  
**3D ST INTERSECTS**  
300 † Jokinen Lydia M Mrs @ 735-8469  
301 † Jokitalo Viljo @ 735-8622  
301½ † Desaranta Seppo S  
302 † Charmoli Glen @ 735-8728  
304 † Killion John A @ 735-8938  
304½ † Lawrence Gerald R  
305 † Pernu Elvin S @ 735-8209  
306 † Iindah Luella M Mrs @ 735-8905  
306½ † Albrecht Luella E Mrs 735-8678  
307 † Westin John V @ 735-8707  
308 † Bassing John @ 735-8975  
310 † Hamalainen Neil @ 735-8287  
312 † Kahler Forrest V @ 735-8996  
314 † Pearson Ronald A @ 316 † Grevich Anne Mrs @ 4TH ST INTERSECTS  
401 † Mensorio Louis 735-8305  
403 † Langowski Harold R @ 735-8688  
405 † Hilde Omar @ 735-8690  
5TH ST INTERSECTS

- 24**  
**MINERAL AV (MOUNTAIN**  
**IRON)—FROM 2D ST**  
**NORTH**  
ZIP CODE 55768  
100 First United Presbyterian Church 735-8896  
102 † Davenport Jay A 735-8667  
104 † Piola Julius D @ 735-8417  
105 † Marincol Geo M @ 735-8264  
108 † Roakoski Edmund @ 735-8415  
110 † Schur Harold E @ 735-8475  
114 † Mattson Ellen @ 735-8346  
116 † Bergman Paul M @ 735-8322  
118 † Derito Mary Mrs @ 735-8342  
120 † Meglen Joseph @ 735-8290  
122 † Bianchi Danny J @ 735-8648  
124 † Kauppila Helmer O @ 735-8640  
126 † Weckstrom Victor @ 735-8817  
128 † Newberg Theo D @ 735-8719  
130 † Mattson Helmer @ 736-8456  
132 † Beck Clarence R @ 735-8866  
134 † Martila Martin F @ 735-8963  
136 † Peitola Toiro M @ 735-9851

24

- MINERAL DR (MOUNTAIN**  
**IRON)—FROM 2D ST**  
**SOUTH**  
ZIP CODE 55768  
1e † Brown Robt L @ 735-8845  
1w † Phillips Eino E 735-8912  
2e † Maki Thos D @ 735-8662  
2w † Krenzeloek John P @ 735-8954  
3e Under Constr  
3w † Koivunen Toino I @ 735-8676  
4e Under Constr  
5e † Marchildon Val F @ 735-8759  
6e † Parks Marian L @ 735-8970  
7e † Aijala Richd N @ 735-8753  
8e † Kraskey Harold C @ 735-8769  
9e Under Constr  
FAIRVIEW LA BEGINS  
ARBOR LA BEGINS  
GREENWOOD LA BEGINS

- 24**  
**MINERAL DR (MOUNTAIN**  
**IRON)—FROM 2D ST**  
**SOUTH**  
ZIP CODE 55768  
1e † Brown Robt L @ 735-8845  
1w † Phillips Eino E 735-8912  
2e † Maki Thos D @ 735-8662  
2w † Krenzeloek John P @ 735-8954  
3e Under Constr  
3w † Koivunen Toino I @ 735-8676  
4e Under Constr  
5e † Marchildon Val F @ 735-8759  
6e † Parks Marian L @ 735-8970  
7e † Aijala Richd N @ 735-8753  
8e † Kraskey Harold C @ 735-8769  
9e Under Constr  
FAIRVIEW LA BEGINS  
ARBOR LA BEGINS  
GREENWOOD LA BEGINS



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113

MICHIGAN AV W (G)—Contd  
501 Schutte Rudolph J © 741-7322  
end Short Stop gas sta 749-2310

506 Jakes Stephanie J Mrs © 741-4478  
510 Juth Thos J © 749-2669  
515 Mourin Michl © 741-3467  
518 Hill Crest Beauty Salon 741-5160

519 Wilson Danl E © 741-2884  
600 Vacant  
604 Grahek James B © 741-2933  
610 Heitzman Joseph L © 749-2135

616 Mohle Anton B © 749-1183  
620 Grahek Raymond © 749-5314  
HILL AV INTERSECTS  
701 Karish David 749-5569  
703\*Mc Donald Jack © 741-1406  
705 Edblad Ronald W © 749-6875

1 Johnson Christine 741-9062  
2\*Seralla Rendy 749-4668  
3 Billings Ray 749-5602  
4 Grew Brian J 749-3718  
5 Maki David M 741-3491  
6 Fosso Marvin 741-7646  
7 Livingston Robt W 749-6902  
8 Douglas Philip 749-5440  
9\*Bromstrom David  
10 Lovaa David K  
11 Compton Ken 749-1444  
12 Rost Roger 749-3668  
13 Vacant  
14 Koski Karen 749-6854  
15 Vacant  
19 Bschess Denny  
22 Lampea Larry

15  
MICHIGAN ST (EVELETH)  
FROM FAYAL AV EAST 1  
NORTH OF FAYAL RD  
ZIP CODE 55734

902 Larcher Albert J © 744-3210  
ELBA AV INTERSECTS  
AUBURN AV INTERSECTS  
NORMAN AV INTERSECTS

13  
MIDWAY DR —FROM  
CUYUNA DR SOUTH  
RUNNING PARALLEL TO  
HIGHWAY 53  
ZIP CODE 55792

47 Midway Fasgas 749-3170  
51 East-West. Samich-Zaiser Corp  
real est 741-2636  
53 Virginia Pet Clinic 741-3551  
67 Culbert Realty Inc constn 741-4985

73 Salo's Dairy 749-2117  
Midway Dairy Store 749-2117  
75 Blume Delmont R © 741-1968  
77\*Bergerson Glen © 741-3810  
79 Ruthenbeck Karl E © 741-6636  
81 Jansrud Simon O © 741-9662  
83 Moilan Warren M © 741-9662

21  
MINERAL AV (FRANKLIN)  
FROM 124 E CHESTNUT ST  
SOUTH  
ZIP CODE 55792

24  
MINERAL AV (MOUNTAIN  
IRON)—FROM 2D ST  
NORTH  
ZIP CODE 55768

97\*Nikolanci Rudolph ©  
99 Saari Raymond V © 735-8929  
100 Vacant  
102 Balke Greg M © 735-8445  
104 Fiola Julius D © 735-8417  
106 Martincel Geo M © 735-8264  
108 Roskoski Edmund J © 735-8415  
110 Schur Harold © 735-8475

112

MERRITT PL (MI)—Contd  
8 Niskanen Norman W © 735-8871  
9 Gilbert James L © 735-9602  
11 Teeka George M © 735-8436  
12 Martin Hal © 735-6650  
13 Mc Gregor Duncan A © 735-6908

15 Bennett Ray © 735-8532  
16 Kohler Robt J © 735-8641  
17 Kiland Herman I © 735-8772  
18 Vaudrin Roger L © 735-8633  
19 Bennett Geo R © 735-8723  
20 Pocket Irey M © 735-8959  
21 Rinerson Arth G © 735-8729  
PARK DR INTERSECTS

13  
MESABI DR —FROM MIDWAY  
DR EAST AND NORTH  
ZIP CODE 55792  
cor Emmanuel Baptist Church  
741-4446

1 Peterson Roger © 749-3604  
2 Blank Robt D © 741-3761  
3 Smith Warren R © 741-3035  
4 Irwin Lucy M Mrs © 741-2969  
5 Fox Frank © 741-8092  
6 Draja Leo B © 741-6728  
7 Smith Mark S © 741-7037  
8 Jacobson Wm G © 741-1163  
10 Oprinc Joseph P © 741-4531  
12 Walden Gerald D © 741-1146  
13 Baumgartner Roger L © 741-4544

14 Galbraith Wm F © 741-2226  
16 Slesman Paul © 741-7320  
18 Jeelson Molly J Mrs © 749-1417  
19 Cochran Alan K © 741-7178

18  
MICHIGAN AV E (GILBERT)  
FROM N BROADWAY EAST  
ZIP CODE 55741

100 Vacant  
102 Gentilini Thos L © 749-2933  
102½ Vacant  
104 Peterson Donald L © 741-4136  
106 Novian Rudolph E © 741-1743

108 Schmidt Louis F © 749-2509  
109 Gregorich Danl P © 741-8024  
111 Gregorich John © 741-8024  
112 Lautig James T © 749-2194  
114 Krize Carol © 741-9030  
115 Johnson David W © 741-6502  
118 No Return  
119 Gentile Orlando J © 741-7031  
SAINT LOUIS ST INTERSECTS

201 De Baere Eug A © 741-8088  
202 Hillar John L © 741-2639  
204 Hall Wm © 749-5557  
205 Poderzay Edw J © 741-8703  
207 Gulan James P © 749-2058  
208 Vacant  
212 Vacant  
213 Velacich Sylvia Mrs © 741-2580  
215 Krezel John J © 741-4435

18  
MICHIGAN AV W (GILBERT)  
FROM S BROADWAY WEST  
ZIP CODE 55741

101 Brula Henry S © 741-8038  
104 Stupca Charles E © 741-5354  
105 Margeta Helen M Mrs © 741-6232  
106 Weaver Ann E © 749-1784  
107 Vacant  
110 Pearson Alvar E © 741-5805  
111 Feist Wm D © 749-8363  
112 Glatch Edw S © 741-8389  
114 Mcren Anne M Mrs © 741-1406  
115 Shusterich Fred L © 741-6528  
117 Keller Arnold © 741-2838  
118 Adamic Louise © 741-0464  
119 Potocnik Joseph © 741-8607  
120 Heckler Steph © 741-6428  
201 Paciotti Frances M Mrs © 741-1904  
202 Pike Anton G © 741-0382  
204 Oksanen Richd J © 741-2333  
207 Manni Elmer © 741-6006  
208 Vacant  
212 Snidarich Ann J Mrs © 741-3852  
213 Kiser Marjorie J Mrs © 741-4609  
217 Kivela Edna M Mrs © 741-1687

219 Dren Joseph L © 741-9056  
SUMMIT ST INTERSECTS  
301 Hudmall David F 749-3647  
309 Walek Edw J © 741-2587  
312 Trampusch John © 741-5029  
313 Arko Louis L © 741-1185  
316 Stoenen Lyte F © 741-1834  
319 Krezel Frank J © 741-3589  
320 Novak Wm I © 741-8338  
401 Mihelich Frank E © 741-5302  
402 Bombich Wm S © 741-5980  
408 Beton Stanley © 741-8789  
417 De Luca John A © 741-2434  
419 Mihelich Geo E Jr © 741-7186  
420 Beton Frank L © 741-5933  
PLEASANT ST INTERSECTS



# CULBERT REALTY & APPRAISAL

Residential - Farms - Lake Property - Appraisals



67 MIDWAY DRIVE, VIRGINIA (55792)  
CENTRAL BOULEVARD, BABBITT (55706)

TEL. 741-4885  
TEL. 827-2281

P.O. BOX 1007

TEL. 741-3280



113

**MIDWAY DR-Cont'd**

- 47 Glenn's Midway 66 gas sta 741-9759
- 51 East-West Realty Inc 741-2636
- 53 Virginia Pet Clinic 741-3551
- 67 Culbert Realty Inc & Appraisal 741-4986
- Mesabi Appraisal Service real est appraisal 741-4995
- 73 Hague Quality Water Conditioning 741-1278
- 75 Blume Delmont R @ 741-1968
- 77 Bergerson Glenn R @ 749-4180
- 79 Ruthenbeck Paul P @ 741-3810
- 81 Jensrud Simon O @ 741-6636
- 83 Meilan Warren M @ 741-9662
- 85 Mervich Frank J @ 741-7322
- 93 Emmanuel Baptist Church 741-4446
- end Midway Lucky 7 gas sta 749-6424

13

**MIDWAY GARDENS -AN ADDITION TO VIRGINIA ON HIGHWAY TO EVELETH**

ZIP CODE 55792  
Midway Motel 741-6145  
39TH EAST

21

**MINERAL AV (FRANKLIN) FROM 124 E CHESTNUT ST SOUTH**

ZIP CODE 55792

24

**MINERAL AV (MOUNTAIN IRON)-FROM 2D ST NORTH**

ZIP CODE 55768  
99 Saari Raymond V @ 735-8929  
100 Vacant

102 No Return

104 Fiola Julius D @ 735-8417

106 Marincol Eliz T Mrs @ 735-8264

108 Roskoski Edith M Mrs @ 735-8415

110 Schur Harold E @ 735-8475

112 Mattson Ellen @ 735-8346

116 Borgman Barbara A Mrs @ 735-8822

24

**MINERAL DR (MOUNTAIN IRON)-FROM 2D ST SOUTH**

ZIP CODE 55768  
3 Larson Gary A @ 735-8389  
9 Koivunen Toivo I @ 735-8676

11 Engman Robt E 785-8576

16 Kinney Gary L @ 735-8839

GREENWOOD LA INTERSECTS

20\*Cerkvenik Peter D @

21 Peterson Bruce D @ 735-8886

22 Krall Margt M Mrs @ 735-8238

23 Barone Ann M @ 735-8513

24 No Return

112

18

**MICHIGAN AV E (GILBERT)-FROM N BROADWAY EAST**

ZIP CODE 55741  
100\*Maekley Gary

102 Genteline Jean A 749-4425

104 Peterson Donald L @ 741-4136

105 Norlan Cecelia E @ 741-1743

108 Schmidt Louis F @ 749-2509

109 Gregorich Danial W

111 Gregorich John @ 741-8024

112 Lauvigar James T @ 749-2194

114 No Return

115\*Fort Raymond 741-7241

118 Kramarich John @ 741-6973

119 Gentile Frances A Mrs @ 741-7031

**SAINT LOUIS ST INTERSECTS**

201 De Baere Eug A @ 741-8088

202 Hilar John L @ 741-2539

204 Hall Wm H @ 749-5557

205 Poderzay Edw J @ 741-8703

207 Gulan James P @ 749-2058

208\*Shea Leroy L 741-3788

213\*Vessel Wm L Jr @

215 Krezel John J @ 741-4435

18

**MICHIGAN AV W (GILBERT)-FROM S BROADWAY WEST**

ZIP CODE 55741

101 Brula Henry S @ 741-8038

104 Stupca Charles E @ 741-5354

105 Margeta Helen M Mrs @ 741-6232

106 Weaver A E @ 741-0850

107 No Return

110 Pearson Alvar E @ 741-5805

111 No Return

112 Clutch Edw S @ 741-8389

114 Maren Anne M Mrs @ 741-1406

115 Shusterich Fred L @ 741-6528

117 Keller Arnold @ 741-2838

118 No Return

119 White Patk M @ 749-8579

120 Vacant

201 Vacant

202 Pike Margt J Mrs @ 741-0382

204 Oksanen Richd J @ 741-2383

207 Mann Dorothy @ 741-1596

209 Vacant

210 Vacant

212 Snidrich Ann J Mrs @ 741-3852

213\*Skree Kathleen M 749-6627

213\* Vacant

217 Vacant

16

**MICHIGAN ST (EVELETH) FROM FAYAL AV EAST 1 NORTH OF FAYAL RD**

ZIP CODE 55734

902 Larcher Angela A Mrs @ 744-3210

ELBA AV INTERSECTS

AUBURN AV INTERSECTS

NORMAN AV INTERSECTS

13

**MIDWAY DR -FROM CUYUNA DR SOUTH RUNNING PARALLEL TO HIGHWAY 53**

ZIP CODE 55792

43 Dairy Queen 749-1495



TEL. 749-2001

MARY EDY SAMUELSON AGENT  
AUTO - LIFE - HEALTH - HOME - BUSINESS - IRA - KEOGH

1102 S. 8 1/2 ST.



1993

# Range Funeral Home

911 16th Street N.

DIAL 741-1481

Virginia (55792)

47

\* NEW NEIGHBOR

**MICHIGAN AV W (G)-Cont'd**

116 Bamberich Fred L & Patricia M (H) • 741-6555

117 Kuber Arnold & Josephine G (H) • 741-3833

118 Adams Jas F (H) • 749-4036  
Kathleen Michelle A 749-4036

119 White Paul M & Kathleen A (H) • 749-8679

120 Collins Ken O Jr & Judith M (H) • 749-3297

121 Clark Tracy (H) • 741-0382

122 Pitt Marg (H) • 741-0382

123 Clemons Richd J (H) • 741-2393

124 Not Verified

125 Vacant

126 Baderich Ann J (H) • 741-3852

127 Vacant

128 Ammerman Theo H & Elta A (H) • 741-7174

129 Udrich Anton M & Betty J (H) • 741-7246

129A Don Joe & Connie 741-9066

**SUNBIT ST INTERSECTS**

201 Anderson Nick R & Sue J (H) • 749-4894

202 Walk Edw J & Ann M (H) • 741-2657

203 Truncheon Katherine (H) • 741-6029

204 Arto Louis L & Dorothy J (H) • 741-1185

205 Arto Louis L Jr 741-1185

206 Sodian Delene T (H) • 741-1834

207 Kaspa (H)

208 Nerek Wm J & Mary A (H) • 741-8338

Nerek Caroline E 741-8338

Nerek Susan M 741-8338

209 Mithelch Frank E (H) • 741-5302

210 Bamberich Wm S & Anne Belle (H) • 741-6907

211 Berman Stanley J & Lorraine I (H) • 741-8789

212 De Luca John A (H) • 741-2434

213 Mithelch Kath L (H) • 741-7185

214 Berman Frank L (H) • 741-5933

215 Berman Edw V 741-5933

216 Berman Pauline J 741-5933

**PLEASANT ST INTERSECTS**

217 Schelle Leopolda (H) • 749-2415

Schelle Steven R 749-2415

218 John Stephanie J (H) • 741-4478

219 Juth Thos J & Evelyn A (H) • 749-2000

220 Mowin Michl C & Virginia M (H) • 741-9497

221 HILL CREST BEAUTY SALON 741-5100

Berman Wm J & Caroline A (H) • 741-5100

222 Kueber Astrid V (H) • 741-4783

223 Birch Al M & Liz R (H) • 741-0763

224 Orshet James B & Rose M (H) • 741-2653

225 Helman Joseph L & Dolores M (H) • 749-2136

226 Rieks Anton B & Mary V (H) • 749-1183

227 SALO HATHAN CONSTRUCTION bldg  
cont'd 749-4317

Salo Nathan W & Jill M (H) • 749-4317

**HILL AV INTERSECTS**

228 Hirsch David E & Sally K (H) • 749-2672

229 Shanon Michl A & Cindy A (H) • 749-2842

230 Marler Richd F & Kristy L (H) • 749-8234

231 Miami Kim W & Karen J (H) • 741-0030

2 HOUSEHOLDS

2 BUSINESSES

**MICHIGAN ST OVELETO- FROM FAYAL AV EAST**

• ZIP CODE 55784

• ELBA AV INTERSECTS

• AUBURN AV INTERSECTS

• NORMAN AV INTERSECTS

**MIDWAY DR - FROM CUYUNA DR SOUTH**

• ZIP CODE 55792

55 RANCH RENT-ALL equip rental 741-2490

56 DAIRY QUEEN 749-1496

57 EAST-WEST REALTY INC 741-2636

58 Not Verified

59 VIRGINIA PET CLINIC 741-2651

60 GILBERT REALTY INC 741-4966

MISSAGE APPRAISAL SERVICE real est  
741-4995

73 HAGUE QUALITY WATER  
CONDITIONING 741-1278

76 Blume Delmont R & Elaine J (H) • 741-1068

Blume Brenda 741-1068

Blume Gary 741-1068

77 Bergerson Glenn R & Linda L (H) • 749-4180

79 Rotherbeck Paul P & Jill (H) • 741-3810

81 Jensen Simon O & Cath A (H) • 741-0630

83 Mollan Warren M & Rosemary J (H) • 741-9602

86 Vacant

89 EMMAUEL BAPTIST CHURCH 741-4448

• HWY 53 & MIDWAY

end MIDWAY LUCKY 7 gas sta 749-6424

5 HOUSEHOLDS

9 BUSINESSES

**MIDWAY GARDENS - AN ADDITION TO VIRGINIA ON HIGHWAY TO EVELETH**

• ZIP CODE 55792

MIDWAY MOTEL 741-6140

HONEY BEAR CAMPGROUND 741-6145

3 BUSINESSES

**MILL AV (MOUNTAIN IRON)-FROM AGATE ST S**

• ZIP CODE 55768

5719 Selino Anthony Jr (H) • 735-8994

5723 Dubash Marion J (H) • 735-8507

2 HOUSEHOLDS

**MINERAL AV (FRANKLIN)-FROM 124 E CHESTNUT ST SOUTH**

• ZIP CODE 55792

**MINERAL AV N (MOUNTAIN IRON) FROM MAIN ST NORTH**

• ZIP CODE 55768

• NUMBERED IRREGULAR

5738 Not Verified

5739 Fiole Frances M (H) • 735-8417

5734 Marincel Ellis T (H) • 735-8294

5732 Roskowski Edith M (H) • 735-8416

Chermoff Carmelle C 735-8416

Roskowski Raymond 735-8415

5730 Schur Elizabeth M (H) • 735-8475

5729 Matson Ellen (H) • 735-8246

5728 Bergman Barbara A (H) • 735-8422

Bergman Brian P 735-8422

Bergman Tammy J 735-8422

5722 Schur Thomas H (H) • 735-8922

5720 Bianchi Ann D (H) • 735-8548

5718 Hansen Hans & Joyce (H) • 735-8930

5745 Sauri Raymond V & Virginia R (H) • 735-8929

Sauri Megan J 735-8930

5716 Kemt Henry J & Eva W (H) • 735-8762

5714 SPRING CRUEK OUTFITTERS canoe accessories 735-8719

Newborg Theo D & Vydetta J (H) • 735-8719

5712 Elter Philip M & Carol J (H) • 735-8307

5710 Bello Seneva (H) • 735-8719

5709-5708 Vacant (2 Hops)

5704 Marttila Eino J & Ann O (H) • 735-8702

Oja Geo H 735-8792

5704A Vacant

5702 Mollan Elmi A (H) • 735-8563

5700 Grivich Mike E (H) • 735-8656

• 3D ST INTERSECTS

5698 Not Verified

5699 Hirsch Dale J & Kathleen M (H) • 735-8418

5690 Gifu Janine A (H) • 735-8533

5694 Johnson George A & Karen J (H) • 735-8710

5690A Perru Alvin 735-8209

5692 Kirtman Ray & Martha (H)

5691 Westin John V & Shirley L (H) • 735-8707

5691A Romana Edw & Sandra 735-8609

• GRANITE ST INTERSECTS

5690 Basing John J & Joann M (H) • 735-8976

5688 Erickson Warren W & Dixie L (H) • 735-8968

Sweatt Kevin 735-8969

Sweatt Karla J 735-8969

5686 Roster Barry D & Donnie M (H) • 735-8485

5685A Mensorio Vivian • 735-8306

5684 Soto Anna M (H) • 735-8561

5682 Pearson Rodney L & Prictilla A (H) • 735-8702

Pearson Darrell R 735-8702

Pearson Dale F 735-8702

5630 Suttich Nicholas D & Marg Y (H) • 735-8642

5681 Otto Wm L & Leslie (H)

• QUARTZ ST INTERSECTS

5679 Ukkala Goo R & Susan E (H) • 735-8656

5635 M J B (Sch Bus Garage)

5621 GENERAL ELECTRIC CO 749-6100

5119 Dolan (H)

5181 Danberg Larry A & Lanette J (H) • 735-8400

5307 Bergquist Jed B & Arlene J (H) • 735-8306

Bergquist April K 735-8386

Bergquist Bryan J 735-8386

5328 Ford David W & Judy A (H) • 735-8724

5249 Not Verified

5287 Greenwald Archie R & Nancy J (H) • 735-8850

Greenwald Ronald F 735-8860

5286 Flander John & Michelle (H) • 735-8622

5314 Rictio Danel J (H) • 735-8636

5338 Laitala Erwin (H)

44 HOUSEHOLDS

2 BUSINESSES

**MINERAL AV S (MOUNTAIN IRON) FROM HWY 169 SOUTH**

• ZIP CODE 55768

• NUMBERED IRREGULAR

5481 Larson Gary A & Margt M (H) • 735-8989

5449 Vacant

5446 Engman Robt E & Rochelle A (H) • 735-8570

5436 Makl Thos D (H) • 735-8662

5432 Kinney Gary L & Sharon D (H) • 735-8802

Kinney Derrick J 735-8802

5430 Perala Wilho H & Vienna F (H) • 735-8870

• GREENWOOD LA INTERSECTS

5428 Current James R & Jean M (H) • 735-8443

Current Angle M 735-8443

5428 Vacant

5441 Peterson Bruce D (H) • 735-8988

Peterson Dan B 735-8988

Peterson Randall J 735-8988

5440 Krell Margt M (H) • 735-8238

5437 Barons Ann M (H) • 735-8313

5424 Marchildon Val F & Phyllis M (H) • 735-8759

5433 Spagnolo John C & Patricia R (H) • 735-8491

5429 Koppunen Eino & Edith E (H) • 735-8239

5420 Thompson Jack E & Sally J (H) • 735-8530

Thompson Jo Ellen 735-8530

Thompson Brian A 735-8530

5425 Not Verified

5416 Pond Randall W & Virginia M (H) • 735-8987

Pond Robt W 735-8987

Pond William R 735-8987

• ARBOR LA INTERSECTS

5408 Kraskey Harold C (H) • 735-8769

5412 Neault Mary Beth (H)

48 Vacant

• CNTY 103 INTERSECTS

5396 Stralke Matt & Lisa I (H) • 735-8300

5376 Carverink Peter D (H) • 735-8323

5380 Prebeg Joe F & Sheri K (H) • 735-8323

5378 Skalko Gary W & Claudia J (H) • 735-8088

• FAIRVIEW LA INTERSECTS

• ARBOR LA INTERSECTS

• GREENWOOD LA BEGINS

• Janitorial  
• Carpet / Upholstery  
• Cleaning  
• Deodor  
• Restoration  
• 52 Fairview Lane  
• Call 735-8725

## K & K CLEANING

Initial Cleanings  
Walls - Ceilings - Windows  
Hard Floor Care Programs  
Mt. Iron, MN

**Who's Who- and Where?**

Such questions can only be answered by the Directory and that is where people look when they want to buy.

Are you properly displayed therein to get the business?



NEW NEIGHBOR

MIHELICH POINT RD - E MINERS DR

MIHELICH POINT RD Cont'd

Vito Paul L
4747 Kerber Tom
4750 Seppel Wayne & Bonnie
4751 No Current Listing

HOUSEHOLDS 5

MIKANA RD (ELY)

\* ZIP CODE 55731 CAR-RT H002
14025 Weinzierl Michael & Dianne
14033 Pius Nancy S

HOUSEHOLDS 2

MIKES RD (ORR)

\* ZIP CODE 55771 CAR-RT H004
2801 Rogers King N & Kristine N
2803 Kocks Robert N
2842 French Jim
2844 Morrow Thomas J
Morrow Gerry A

HOUSEHOLDS 4

MIKKILA RD (ANGORA)

\* ZIP CODE 55703 CAR-RT R001
9101 Kendrick Julie A
9185 Hakala Impie M
9203 Rinne Dale J & Margaret A
9217 Phillips Elizabeth S
Phillips B

HOUSEHOLDS 4

MILL AVE (MOUNTAIN IRON)-FROM 8841 AGATE ST

MILL RD (ELY)

\* ZIP CODE 55731 CAR-RT H003
13669 Ryberg Geraldine A
13671 Esser James
13705 GARDEN LAKE RESORT resorts
BUSINESSES 1

HOUSEHOLDS 2

MILLER TRUNK RD (EVELETH)-FROM 2001

COUNTY HWY 132
\* ZIP CODE 55734 CAR-RT R001
3000 No Current Listing
3001 Alesh Rudolph F
3002 No Current Listing
3003 Mertely Conrad A & Ann M
3006 Maki Donald H & Lynn M
3008 Ness Loren R & Arlyne M
3014 No Current Listing
3015 Pfeifer Brian C & Elana S
3016 Bastianelli David D & Sharon L
3017 No Current Listing
3018 Snidarich Joseph F
Snidarich Louise A
3019 Koepke Maynard A
Koepke Brian
3023 - 3024 No Current Listing (2 Hses)
3041 Jones David W
Jones Steven J
3042 Priest Michael A & Catherine L
3043 CRAIG LIABRAATEN musicians
Koskela Leah M
Liabraaten Craig L
Liabraaten Leah M
LIVING WATER MUSIC SOUND recording studios
PIANO MAN pianos
3044 Ruper Thomas
3045 Lampella Tyler J
3046 Begich Lois J
3048 Hippolt Michael F
Hippolt Kristine L
3053 Lamma James & Janice
3054 Harvey Anne
3055 Dickson Dennis L
Dickson Shirley E
3056 Angelo John
3057 Motley John D & Deborah K
3058 Swarthout Benjamin G & Mikred A
Emery William J & Marlene R
3061 Coombe William T Jr & Carol L
3062 No Current Listing
3063 Tini Dante A & Larae J
3074 Lacoursiere Gerald L & Veronica J
Sallstad Christopher T & Karie
3102 Nelson Dale
3103 Hendrickson Laura J
3105 Peterson Ken
Peterson Art
3108 Erjavec Ronald J
Erjavec Roger J
3111 No Current Listing

MILLER TRUNK RD Cont'd

3112 Hendrickson Betty J
3113 Weaver Gregory S & Kristin J
3115 Hanala Shane M
3116 Cossalter Patrick J & Mary M
3117 Kaurala Andrew J & Edna A
3118 Przeplora C C
3119 Johnson Raymond A & Margie B
3120 Robich Priscilla J
Robich Victor L
3121 Thomatz Robert M
3122 Schubert Mark J & Kathleen J
3123 Haugen Larry D & Cheryl L
3125 Smith Scott M & Margie A
3126 No Current Listing
3128 Kreisel Paul L & Edith A
3129 Kemp Tom D & Angela D
3130 Stevinson James E & Rebecca A
3131 Thompson Timothy J & Kathy A
3132 No Current Listing
3136 Zegler Ryan J & Kristine N
3137 Norman Robert L & Carol A
3138 No Current Listing
3140 Bizal Terrence R & Beth A
3141 Filipovich Steven B & Jodi R
3142 Glenn Nita
3143 Rubis Michael J
3150 Latvaaho Jason D & Janelle L
3154 Jackson Kevin E & Michelle L
3158 No Current Listing
+ BODAS TRL INTERSECTS
+ HORSESHOE LAKE DR INTERSECTS
+ THUNDERBIRD TRL ENDS
+ THUNDERBIRD TRL CONTINUES
+ SAINT MARYS CT INTERSECTS
+ S AIRPORT DR INTERSECTS
+ SAINT MARYS CT ENDS
+ SAINT MARYS CT CONTINUES
+ N AIRPORT LN BEGINS
+ SAINT MARYS DR ENDS
+ ELY LAKE DR INTERSECTS
+ CEDAR ISLAND DR INTERSECTS
+ RAILROAD CROSSES
30513 TACONITE AVIATION aircraft charter rental/
lease
30515 BOUNDARY WATER AIRE INC aircraft servicing/
maintenance
31421 Erickson Dale R
Erickson Tracy L
FAYAL SELF STORAGE storage- household &
commercial
BUSINESSES 6 HOUSEHOLDS 68

MILROY RD (BRITT)-FROM 8489 BRITT RD NORTH

+ BRITT RD INTERSECTS
\* ZIP CODE 55710 CAR-RT R003
7314 Kesanen Elmer M
7325 Petruska John J & Tamara L
7336 Saxhaug Mark V
7346 Jarvi Walter E
Jarvi Edwin
7352 Kovatovich Jean M
7365 Arn Corey J & Deandra D
7368 Mattson Philip M
Mattson Philip J
7381 Lamma Frederick R & Karen M
7383 No Current Listing
7384 Rule George H
Rule Marge
7402 FAR NORTH OUTFITTERS ARCHERY archery
equip/supl
7485 No Current Listing
7490 Ferrell Steven R
Ferrell Gary L
+ TALL PINE RD INTERSECTS
BUSINESSES 1 HOUSEHOLDS 20

MINE RD (ELY)

\* ZIP CODE 55731 CAR-RT H003
117 Warren John R
154 Brooks Kimberly A

MINE RD Cont'd

176 Rozman Daniel F
Rozman Mary A
180 Porhan Brett C & Lisa W
184 Roy Jason M
HOUSEHOLDS 5

MINERAL AVE (MOUNTAIN IRON)-FROM 8599 MUD

LAKE RD NORTH
+ BUTLER RD CONTINUES
+ COUNTY HWY 102 INTERSECTS
\* ZIP CODE 55768 CAR-RT R001
5119 Paulson William M & Jill A
+ KORPI RD BEGINS
+ KORPI RD CONTINUES
5181 Danberg Larry A
5207 No Current Listing
5228 Herrmann Devon L
5249 Babcock Rob & Denise
MAGNUM KENNELS pet boarding & sitting
Mattson William A & Virginia W
5287 Greenwaldt Archie R
Greenwaldt Ronald F
5314 Ricci Daniel
+ MUD LAKE RD ENDS
5359 Niska Don R & Kathryn
5366 No Current Listing
5372 Skalko Gary W
Skalko Justin B
5376 Cerkvenik Peter D
Cerkvenik Mary B
5380 Prebeg Joseph F Jr & Sheril K
+ FAIRVIEW LN INTERSECTS
5408 Kraskey Harold C & Kathleen A

5412 Neault Mary B & Tara T
5413 - 5416 No Current Listing (2 Hses)
5419 Shaleen Michael T & Billi J
5420 Mellak Bonnie J
5424 Kailanen Victor M & Renee E
5425 Irish Dale J & Kathleen M
5428 Current James R & Jean M
5428 Peterson Merlin E
+ ARBOR LN ENDS
5429 Kopponen Eino
Kopponen Mary E
5430 Pontinen Jill L
5432 Kinney Gary L
Kinney Jill A
5433 Norvich Steven N & Sheryl L
5436 Haraden George G & Cheryl A
5437 Clappsaddle Herbert Sr & Joan
5440 Milette Ryan
+ GRANT DR BEGINS
5441 Peterson Bruce D & Christine A
5445 Engman Robert E & Rochelle A
5450 Brownell Gregory P & Christine
5460 Anderson Dorothy J
+ GREENWOOD LN INTERSECTS
5461 Larson Gary A
Larson Jason M
5462 Forseen Jeffery C
Forseen Timothy A
+ RAILROAD CROSSES
+ COUNTY HWY 102 BEGINS
+ 6TH ST ENDS
+ QUARTZ ST BEGINS
+ 5TH ST INTERSECTS
+ 4TH ST INTERSECTS
+ FLINT ST BEGINS
+ MAIN ST BEGINS
BUSINESSES 1 HOUSEHOLDS 36

MINERS DR E (ELY)

\* ZIP CODE 55731 CAR-RT C001
100 STEGER MUKLUKS footwear except rubber
Steger Mukluks J
Steger Patricia A
318 ELY VETERINARY CLINIC animal hospitals
Hanson Dirk
320 IRRESISTIBLE INK INC mailing & shipping serv
BUSINESSES 3 HOUSEHOLDS 2

E MINERS DR (ELY)

\* ZIP CODE 55731 CAR-RT C001
720 NAVIGANT INTEGRATED SVC travel agencies &
bureaus



Photograph 1: Gravel drive – along side abandoned mine pit on western boundary.



Photograph 2: Paved Mesabi Trail – a bike and walking trail located on the property (former RR grade).



Photograph 3: Wooded areas with ATV trails cut through property.



Photograph 4: Wooded and marshy areas with an ATV trail through the property.



**Photograph 5: Wooded areas with small lake/pond located on the southern edge of the property.**



**Photograph 6: Marshy, wet and wooded areas located on the property.**



Photograph 7: Former staging areas from construction company.



Photograph 8: Parts and remnants left behind from staging area.