

APPENDIX C

**EDR HISTORICAL DATABASE:
Historical Aerial Photos
Historical Sanborn Maps**

**HISTORICAL AERIAL PHOTOS
Terraserver 1998 Aerial Photo
Maps.live.com 2007 Aerial Photo**

PROPERTY SURVEY

PROPERTY DESCRIPTION

PROPERTY PARCEL MAP

USDA SOIL SURVEY



EDR® Environmental
Data Resources Inc

"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Stephanie Smith
AKT Peerless
115 West Allegan
Lansing, MI 48901

Order Date: 8/21/2006 **Completion Date:** 8/22/2006

Inquiry #: 1739762.3s

P.O. #: NA

Site Name: City Industrial Park

Address: North Cedar Street

City/State: Manistique, MI 49854

Cross Streets:

Customer Project: 51851-1-17
043685MEN 517-482-9227

Based on client-supplied information, fire insurance maps for the following years were identified

1890 - 1 Map
1895 - 1 Map
1900 - 1 Map
1907 - 2 Maps
1914 - 2 Maps
1920 - 2 Maps
1950 - 2 Maps

Limited Permission to Photocopy

Total Maps: 11

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USER'S GUIDE

This User's Guide provides guidelines for accessing Sanborn Map® images and for transferring them to your Word Processor.

Reading Sanborn Maps

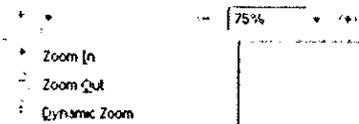
Sanborn Maps document historical property use by displaying property information through words, abbreviations, and map symbols. The Sanborn Map Key provides information to help interpret the symbols and abbreviations used on Sanborn Maps. The Key is available from EDR's Web Site at: <http://www.edrnet.com/reports/samples/key.pdf>

Organization of Electronic Sanborn Image File

Sanborn Map Report, listing years of coverage
User's Guide
Oldest Sanborn Map Image
Most recent Sanborn Map Image

Navigating the Electronic Sanborn Image File

1. Open file on screen.
2. Identify TP (Target Property) on the most recent map.
3. Find TP on older printed images.
4. Using Acrobat® Reader®, zoom to 250% in order to view more clearly. (200-250% is the approximate equivalent scale of hardcopy Sanborn Maps.)
 - A. On the menu bar, click "View" and then "Zoom to..."
 - B. Or, use the magnifying tool and drag a box around the TP



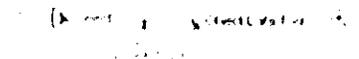
Printing a Sanborn Map From the Electronic File

EDR recommends printing images at 300 dpi (300 dpi prints faster than 600 dpi)

To print only the TP area, cut and paste from Acrobat to your word processor application.

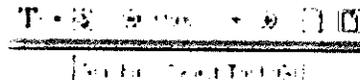
Acrobat Versions 6 and 7

1. Go to the menu bar
2. Click the "Select Tool"
3. Draw a box around the area selected
4. "Right click" on your mouse
5. Select "Copy Image to Clipboard"
6. Go to Word Processor such as Microsoft Word, paste and print.



Acrobat Version 5

1. Go to the menu bar
2. Click the "Graphics Select Tool"
3. Draw a box around the area selected
4. Go to "Menu"
5. Highlight "Edit"
6. Highlight "Copy"
7. Go to Word Processor such as Microsoft Word, paste and print.



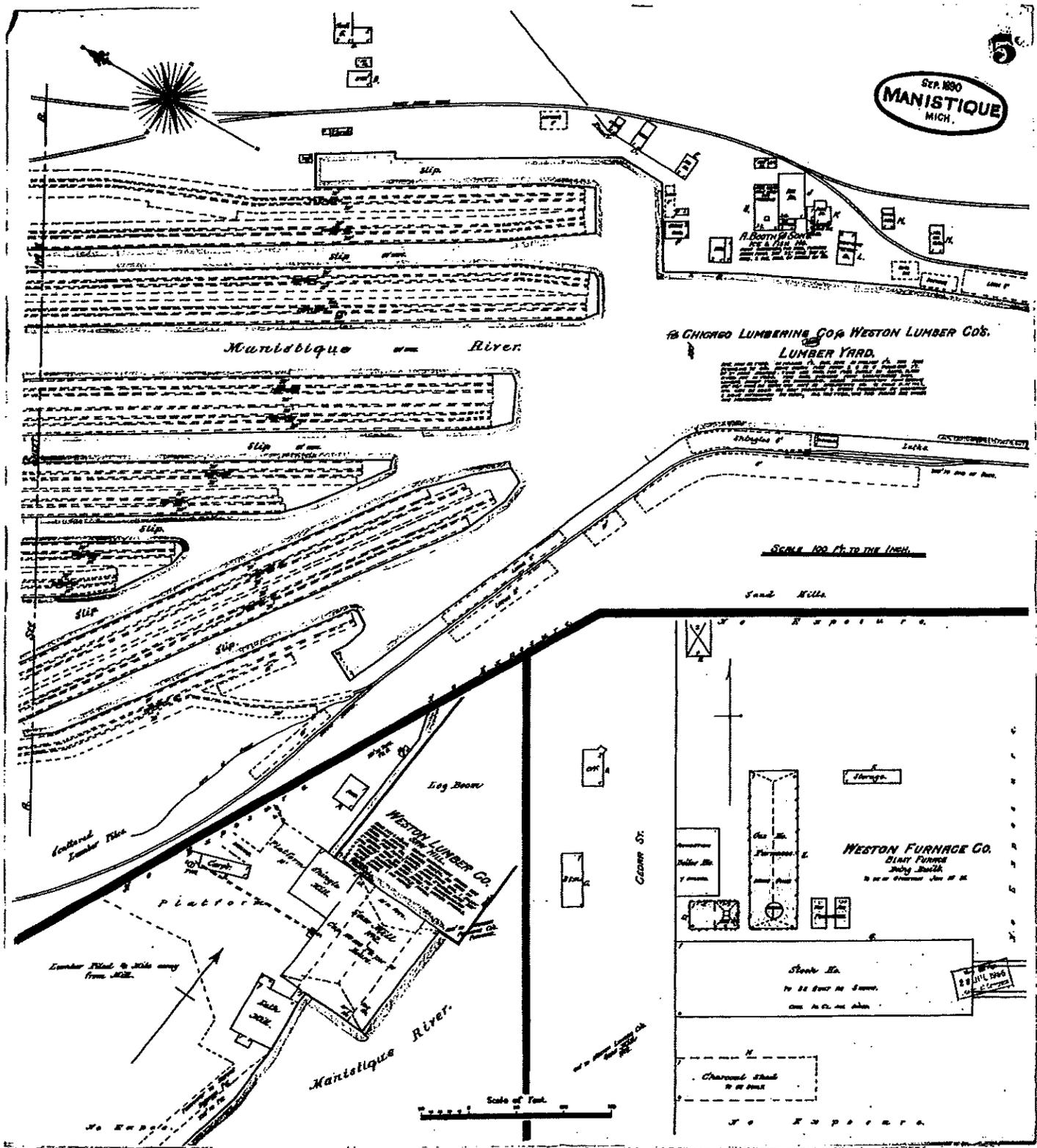
Important Information about Email Delivery of Electronic Sanborn Map Images

Images are grouped into one file, up to 2MB.

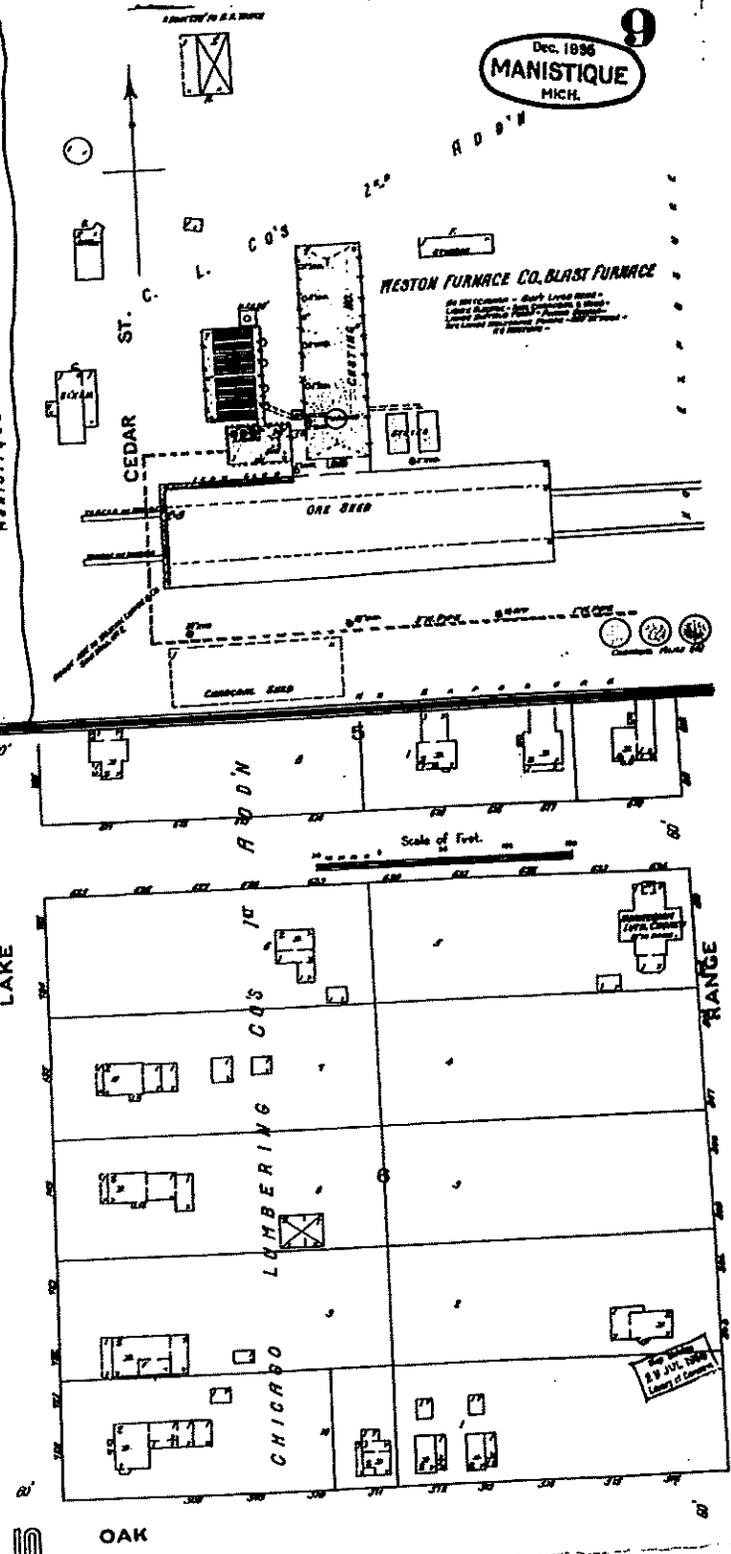
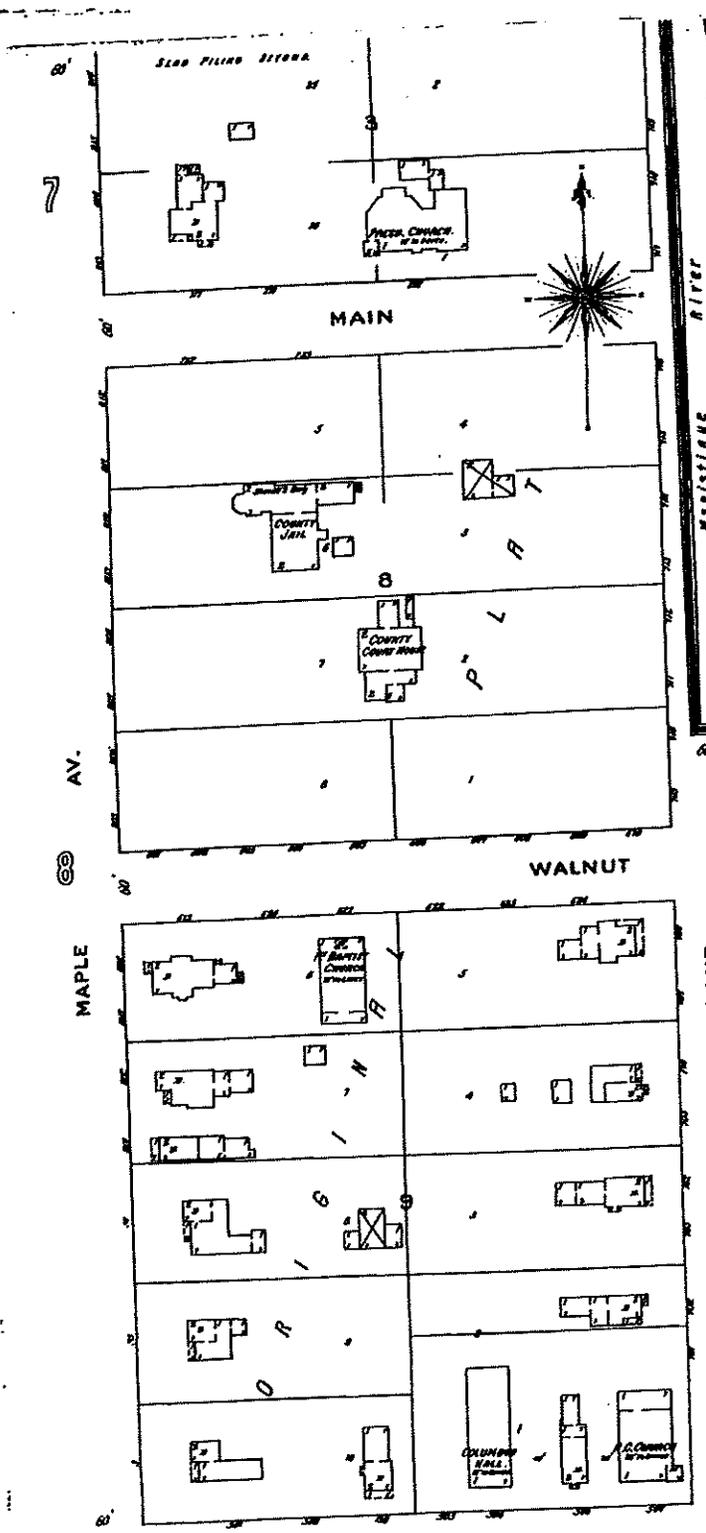
In cases where in excess of 6-7 map years are available, the file size typically exceeds 2MB. In these cases, you will receive multiple files, labeled as "1 of 3", "2 of 3", etc. including all available map years.

Due to file size limitations, certain ISPs, including AOL, may occasionally delay or decline to deliver files. Please contact your ISP to identify their specific file size limitations.

SEP. 1890
MANISTIQUE
MICH.



The Sanborn Library, LLC



The Sanborn Library, LLC

N. ST. P. & S. ST. N. E. R. (The Line)

11

Nov. 1900
MANISTIQUE
MICH.

WHITE MARBLE LIME CO.
SANDWICH MICH.
LIME WORKS
EST. 1880
CAP. \$100,000

Alcohol Refinery

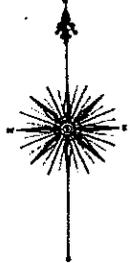
Shipping Pt.

Waste Conveying

Crude Oil

Ore Shed

MANISTIQUE IRON CO.
MANUFACTURERS OF
CAST IRON PIPE
AND FITTINGS
EST. 1880
CAP. \$1,000,000



Manistique River

ALL LIGHT PLANTS

5

Limestone Quarry

WHITE MARBLE LIME CO.

Location of works on Manistique River
between Sand and Limestone
about 1/2 mile from mouth of
Manistique River, Mich.

L. Storage
M. Silo
E. S.

A D D.

WHITE MARBLE LIME CO. MAP
No. 1000
Scale of Feet

Scale of Feet

MAPLE

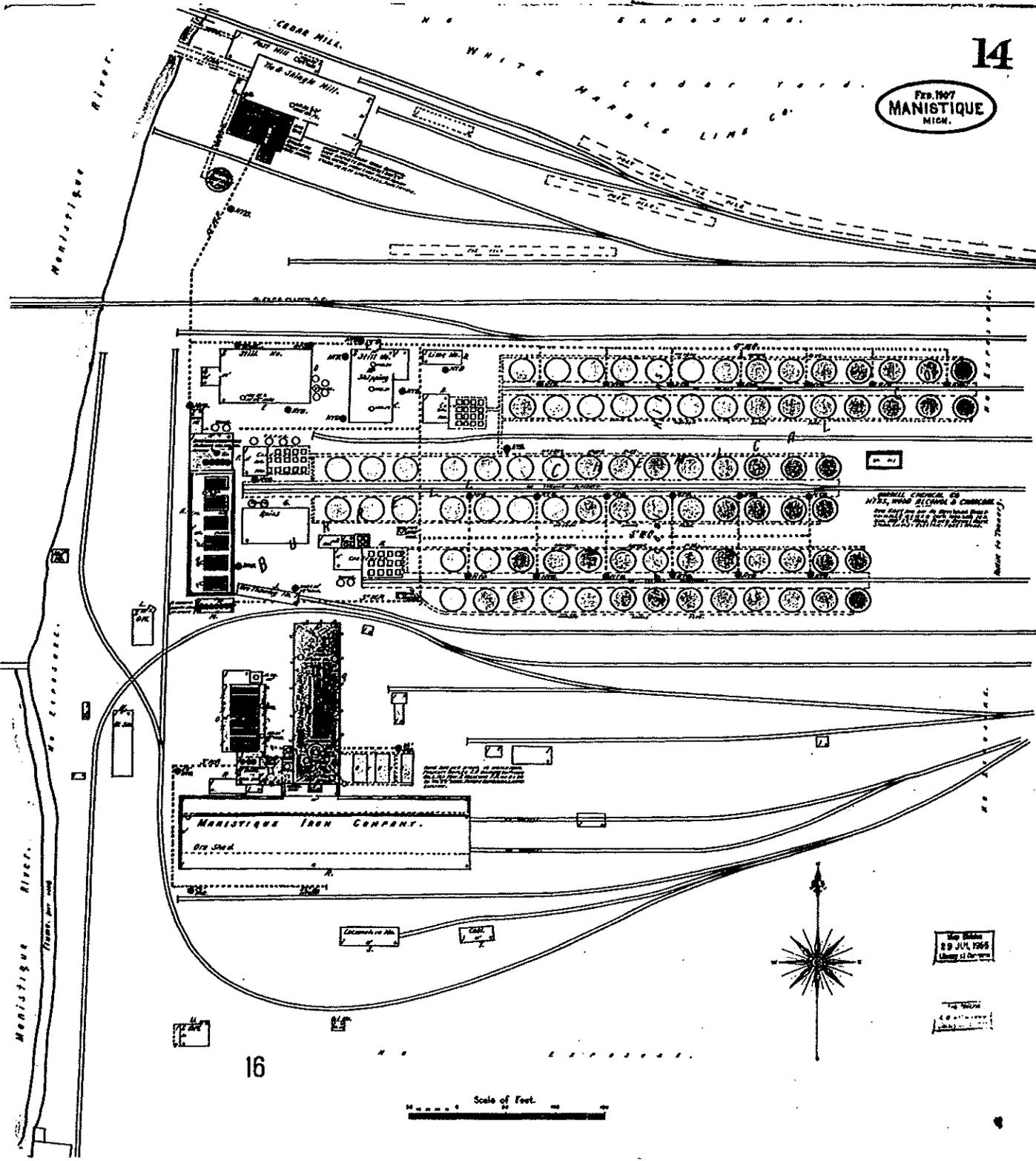
AV.

7



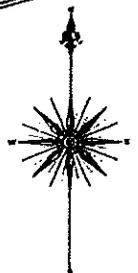
The Sanborn Library, LLC

FEB. 1907
MANISTIQUE
MICH.



SMALL CIRCLES OF
IRON, WOOD, STEEL & COAL
See map and see the description of
the same in the 1907 edition of
the 1907 edition of the
1907 edition of the
1907 edition of the

Map Made
29 JUL 1908
Library of Congress

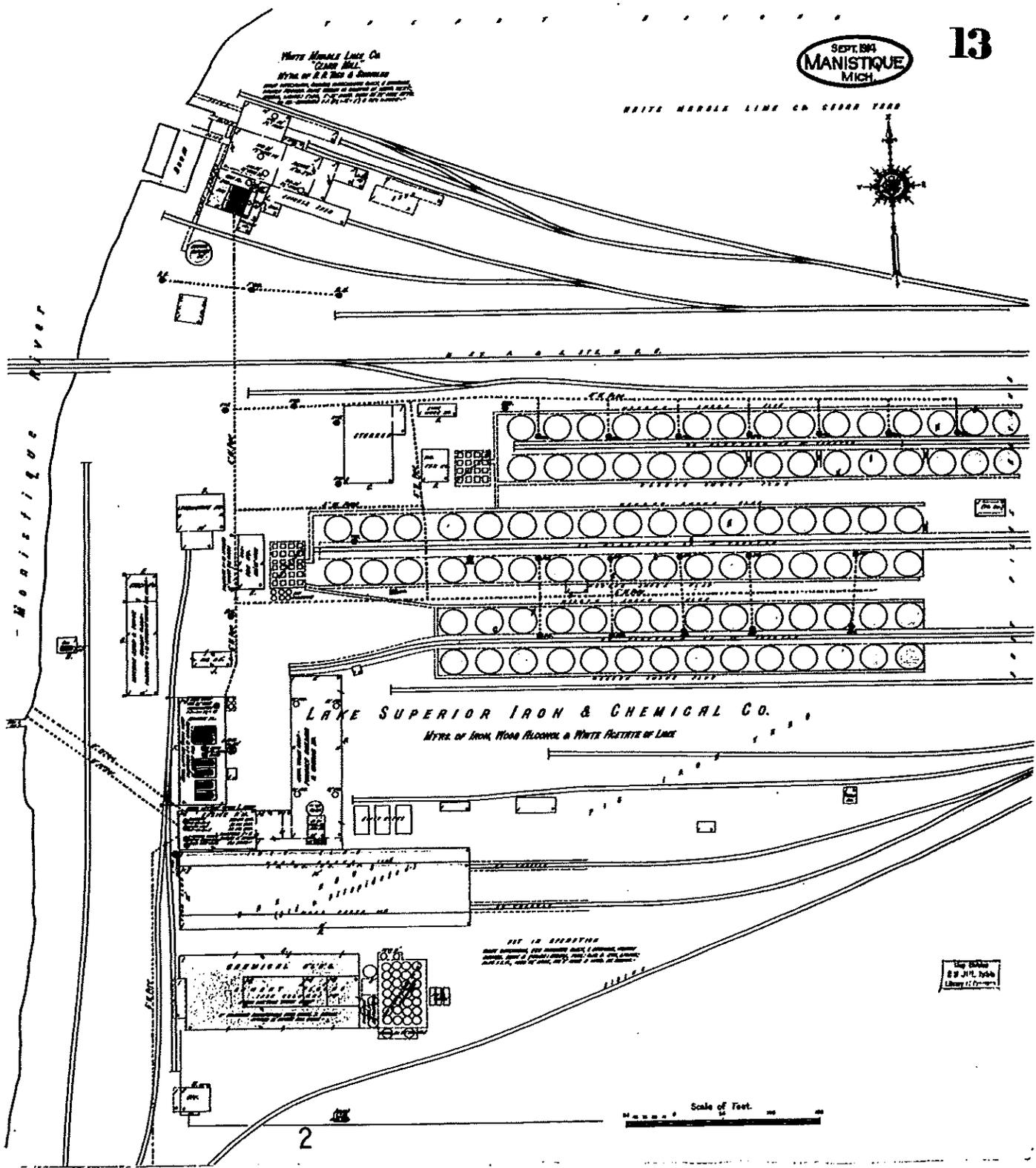


Scale of Feet

SEPT. 1894
MANISTIQUE
MICH.

WHITE MARBLE LIME CO
CLARK HILL
MYSR of R.R. TRAC & SHEDS

WHITE MARBLE LIME CO 1894 1895



2

Scale of Feet

The Sanborn
Map of
Manistique
Michigan



SEPT. 1920
MANISTIQUE
MICH.

4

2



RIVER

MANISTIQUE LIGHT & POWER CO.
CAPITAL STOCK \$1,000,000.00
RESERVE FUND \$100,000.00
TOTAL ASSETS \$1,100,000.00
TOTAL LIABILITIES \$100,000.00
TOTAL EQUITY \$1,000,000.00

MODISTIQUE
POWER CANAL

MANISTIQUE RIVER

CHARCOAL IRON CO. OF AMERICA.

WOOD

N. CEDAR

N. MAPLE

ELM

6

Scale of Feet



The Sanborn Library, LLC

68

MICH. 410

SEPT. 1920
MANISTIQUE
MICH.

4

2



1

MANISTIQUE LIGHT & POWER CO.
Capital furnished by the State of Michigan. Owned
and operated by the State of Michigan. Electric
Cable and Bell Telephone Co.

MANISTIQUE RIVER

N. CEDAR

IRON

N. MAPLE

ELM

6

5

Scale of Feet



The Sanborn Library, LLC

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EOR Research Associates

ES
MICH. 414

RIVER

MANISTIQUE

N. CEDAR

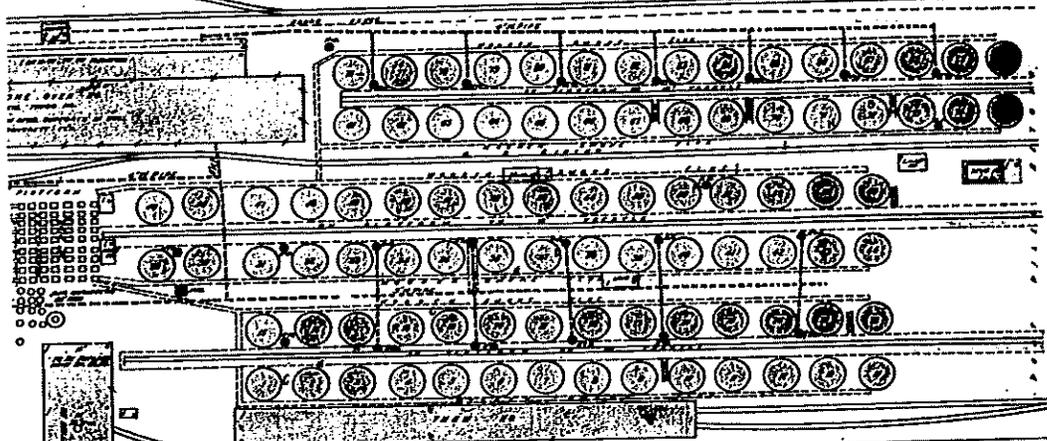
ALL BLDGS REMOVED.
WHITE MARBLE LIME CO
CEDAR MILL
MFRS OF R.R. TIES, SHINGLES & BOX LUMBER
1. BUILT, OPERATED & OWNED BY WHITE MARBLE LIME CO.
2. BUILT BY WHITE MARBLE LIME CO. & OWNED BY WHITE MARBLE LIME CO.
3. BUILT BY WHITE MARBLE LIME CO. & OWNED BY WHITE MARBLE LIME CO.
4. BUILT BY WHITE MARBLE LIME CO. & OWNED BY WHITE MARBLE LIME CO.

SEPT. 1920
MANISTIQUE
MICH.

2

WHITE MARBLE LIME CO CEDAR YARD
BUILT BY WHITE MARBLE LIME CO.

ALL BLDGS ON THIS SHEET REMOVED OR
BEING REMOVED EXCEPT BLDG OCCUPIED
BY CITY STREET DEPT.



CHARCOAL IRON CO OF AMERICA
MFRS OF IRON, WOOD ALCOHOL & WHITE ACETATE & LIME
(FACED AREA)

SEPARATING BY N. ROAD

ALL BLDGS ON THIS SHEET REMOVED OR
BEING REMOVED EXCEPT BLDG OCCUPIED
BY CITY STREET DEPT.

Scale of feet
Copyright 1920 by the Sanborn Map Co.

4



Subject
Property

Inquiry : 1739756-5 Year : 1953

Flyer : PMA

Scale : 1" = 500'



AKTPEERLESS
environmental services

1953 AERIAL PHOTOGRAPH

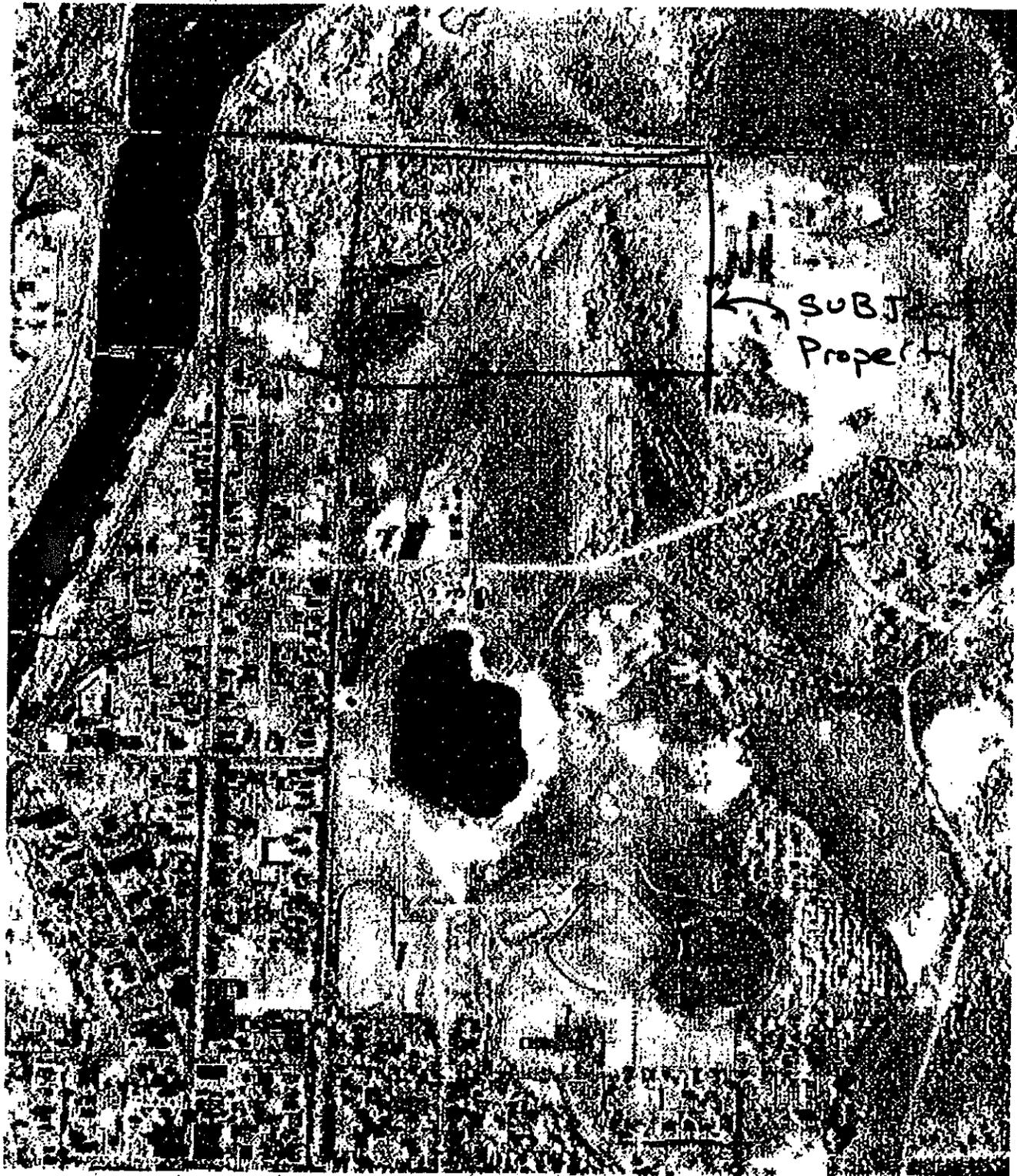
PINE STREET EXPANSION

401 NORTH MAPLE STREET
MANISTIQUE, MICHIGAN

PROJECT NUMBER : 5187L-1-17

DRAWN BY: SRS
DATE: 10-01-06





Inquiry : 1739756-5 Year : 1964

Flyer : USPS

Scale : 1"=500'



AKT PEERLESS
environmental services

1964 AERIAL PHOTOGRAPH

PINE STREET EXPANSION

401 NORTH MAPLE STREET

MANISTIQUE, MICHIGAN

PROJECT NUMBER : 5187L-1-17

DRAWN BY: SRS
DATE: 10-01-06



Send To Printer

Back To TerraServer

Change to 11x17 Print Size

Show Grid Lines

Change to Landscape

USGS 2 km NE of Manistique, Michigan, United States 22 Apr 1998



0 100M

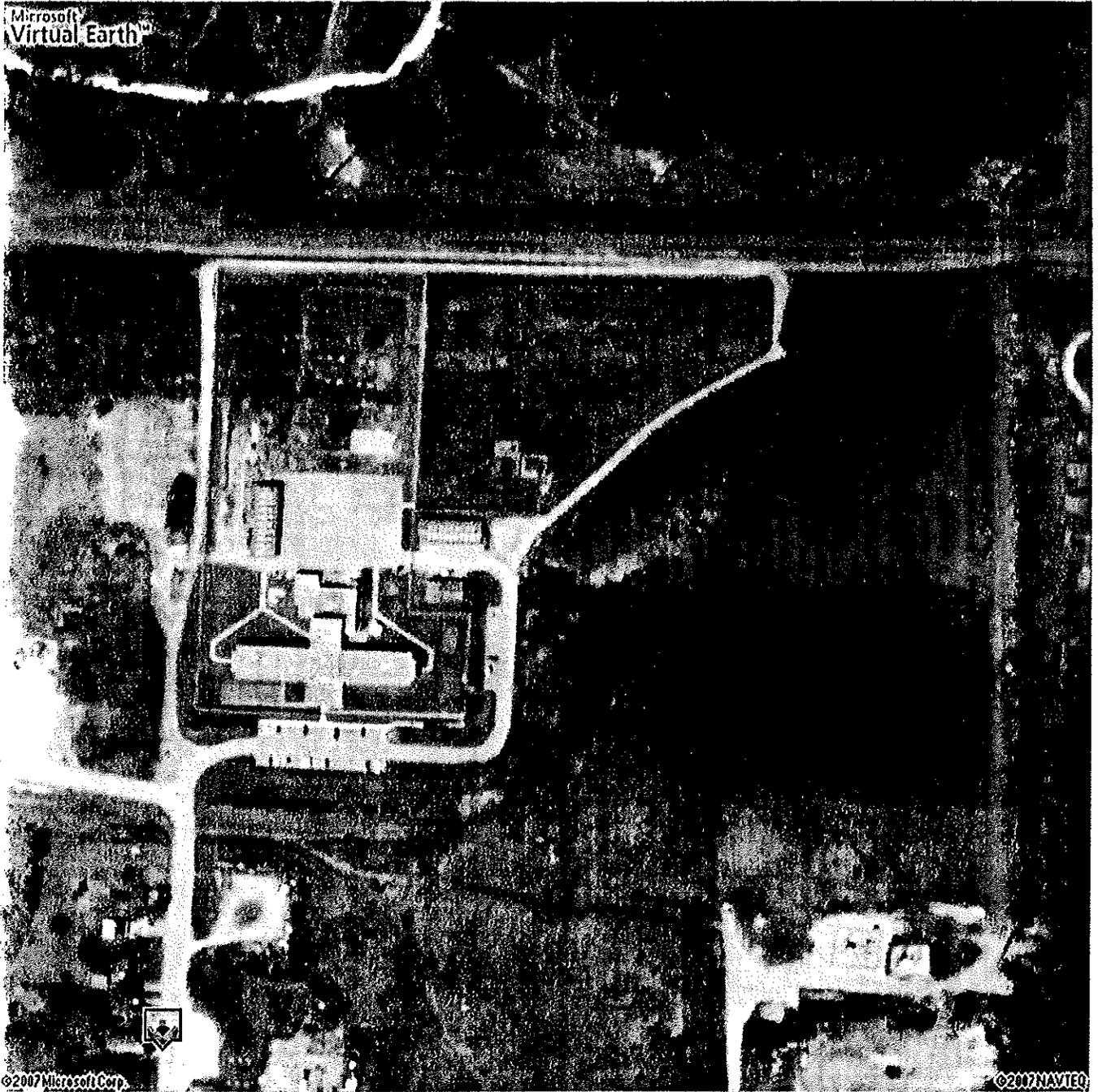
0 100yd

Image courtesy of the U.S. Geological Survey

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Live Search Maps

401 N Maple St, Manistique, MI 49854-1242



CERTIFICATE OF SURVEY

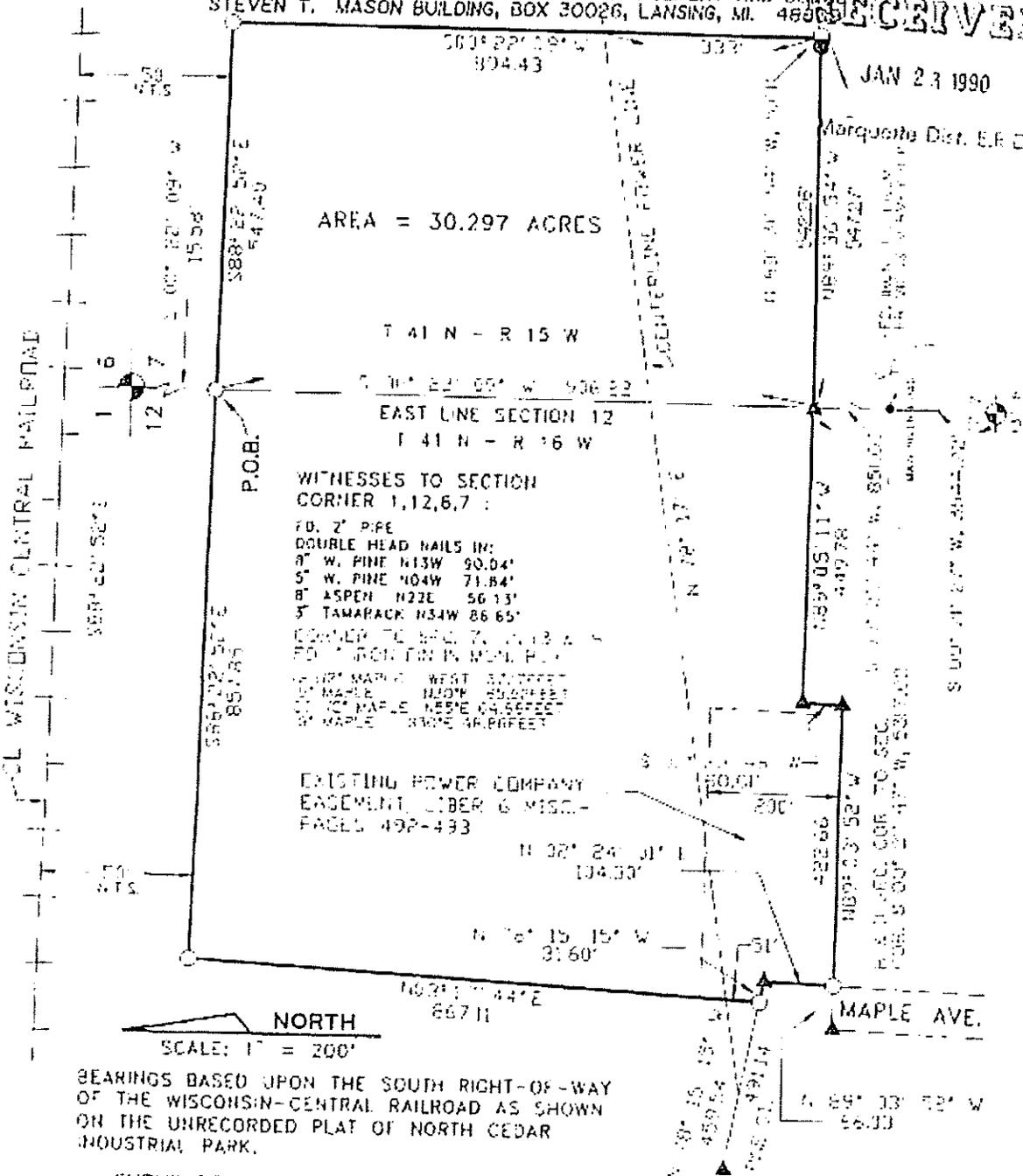
PART OF THE NW¼ OF THE NE¼, OF SECTION 12, T41N-R16W AND PART OF THE NW¼ OF THE NW¼ OF SECTION 7, T41N-R15W, CITY OF MARQUETTE, SCHOOLCRAFT CO., MI.

ORDERED BY STATE OF MICHIGAN, DEPARTMENT OF MANAGEMENT AND BUDGET
STEVEN T. MASON BUILDING, BOX 30026, LANSING, MI. 48206

RECEIVED

JAN 23 1990

Marquette Dist. E.R.C.



AREA = 30.297 ACRES

T 41 N - R 15 W

EAST LINE SECTION 12

T 41 N - R 16 W

WITNESSES TO SECTION CORNER 1, 2, 6, 7 :

- 70. 2" PIPE
- DOUBLE HEAD NAILS IN:
- 8" W. PINE N13W 90.04'
- 5" W. PINE N04W 71.84'
- 8" ASPEN N22E 56.13'
- 3" TAMARACK N34W 86.65'

CORNER TO SEC. 7, T41N R15W & S. 1/4 SECTION 12

- 40' MAPLE WEST 80.00 FEET
- 40' MAPLE N20W 80.00 FEET
- 40' MAPLE N85E 64.56 FEET
- 40' MAPLE N30E 48.00 FEET

EXISTING POWER COMPANY EASEMENT, CIBER & MISC. PAGES 492-493

NORTH
SCALE: 1" = 200'

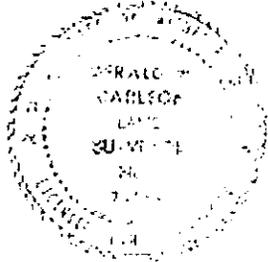
BEARINGS BASED UPON THE SOUTH RIGHT-OF-WAY OF THE WISCONSIN-CENTRAL RAILROAD AS SHOWN ON THE UNRECORDED PLAT OF NORTH CEDAR INDUSTRIAL PARK.

SURVEYOR'S CERTIFICATE

I hereby certify that I have surveyed and mapped the land above platted and/or measured on 8-22-89 and that the ratio of closure on the unadjusted least observations was 0.28 in 4,004.29' and that all the requirements of PA 102 of 1970 as amended have been complied with.

Sundberg, Carlson and Associates, Inc.

Ronald W. Carlson DATE 7-13-89
GERALD W. CARLSON, L.S. #04589



| | | |
|---------------|--------------|---------|
| PROJECT | CONTRACT NO. | DATE |
| NO. 1000 | 98-0457 | 7-13-89 |
| DRAWN BY | DATE | |
| W. W. Carlson | 7-13-89 | |

Sundberg, Carlson And Associates, Inc.

Architects Engineers Land Surveyors Construction Managers
P.O. Box 2112
Livestock MI 48401

Ordered By:
State of Michigan
Department of Management and Budget
Stevens T. Mason Building
P.O. Box 30026
Lansing, Michigan 48909

Sheet 2 of 2
Job No. 8812-153
July 12, 1989

PARCEL DESCRIPTION

A parcel of land being part of the NE 1/4 of the NE 1/4 of Section 12, T41N-R16W, and part of the NW 1/4 of the NW 1/4 of Section 7, T41N-R15W, City of Manistique, Schoolcraft County, Michigan described as:

Commencing at the Northwest corner of Section 7; thence S00°22'09"W, 15.58' to the South Right-of-Way line of the Wisconsin Central Railroad; thence S88°22'52"E, 547.40' along the South Railroad Right-of-Way line; thence S00°22'09"W, 894.43'; thence N89°36'54"W, 547.27' to a found concrete monument on the West line of section 7; thence N89°05'11"W, 449.78' to a found concrete monument; thence S02°29'48"W, 60.01' to a found concrete monument; thence N89°03'52"W, 422.66' to the East Right-of-Way line of Maple Avenue; thence N02°24'01"E, 104.30' along the East Right-of-Way line of Maple Avenue to the North Right-of-Way line of Pine Street; thence N78°15'15"W, 11.60' along the North Right-of-Way line of Pine Street; thence N03°17'44"E, 867.11' to the South Right-of-Way line of the Wisconsin Central Railroad; thence S88°22'52"E, 857.85' along the South Railroad Right-of-Way line to the Point of Beginning containing 30.297 acres and subject to restrictions, reservations, rights-of-way and easements of record.

SUNDBERG, CARLSON AND ASSOCIATES, INC.
214 West Baraga Avenue
P.O. Box 100
Marquette, Michigan 49855
(306) 228-2333



Gerald W. Carlson

TION A parcel of land being part of the Northeast ¼ of the Northeast ¼ of Section 12, Township 41 North, Range 16 West, and part of the Northwest ¼ of the Northwest ¼ of Section 7, Township 41 North, Range 15 West, City of Manistique, Schoolcraft County, Michigan, described as:

Commencing at the Northwest corner of Section 7; thence S00°22'09" West, 15.58 feet to the South right-of-way line of the Wisconsin Central Railroad; thence S88°22'52" East, 547.40 feet along the South Railroad right-of-way line; thence S00°22'09" West, 894.43 feet; thence N89°36'54" West, 547.27 feet to a found concrete monument on the West line of Section 7; thence N89°05'11" West, 449.78 feet to a found concrete monument; thence S02°29'48" West, 60.01 feet to a found concrete monument; thence N89°03'52" West, 422.66 feet to the East right-of-way line of Maple Avenue; thence N02°24'01" East, 104.30 feet along the East right-of-way line of Maple Avenue to the North right-of-way line of Pine Street; thence N78°15'15" West, 31.60 feet along the North right-of-way line of Pine Street; thence N03°17'44" East, 867.11 feet to the South right-of-way line of the Wisconsin Central Railroad; thence S88°22'52" East, 857.85 feet along the South Railroad right-of-way line to the Point of Beginning containing 30.297 acres and subject to restrictions, reservations, rights-of-way, and easements of record.

There is a 100-foot wide power line easement that goes through the eastern part of the property. It is fully described in the addendum of this report.

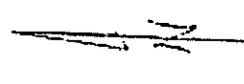
BY: [Signature] and his

ADDENDA

EASEMENT LEGAL DESCRIPTION**CAMP MANISTIQUE**

Easement No. 1
Liber 6, Page 492
STATE OF MICHIGAN TO NEPER PENINSULA POWER COMPANY

Easement Description: That part of the West 1/2 of the Northwest 1/4 Section 7, T41N, R15W, more particularly described as follows: Beginning at a point on the range line 1,020 feet South of the Northwest corner of said section, thence South 81° East, a distance of 554 feet more or less to a point on the West boundary of lands owned by Schoolcraft County, thence southerly on said boundary line, which is parallel to range line a distance of 101 feet to a point, thence North 81° West, a distance of 554 feet more or less to a point on the range line, thence northerly on range line a distance of 101 feet to the point of beginning, said strip of land being 100 feet wide, being 50 feet on each side of center line of power line as presently located. Also that part of Government Lot 1, Section 12, T41N, R16W more particularly described as follows: Beginning at a point on the West continuation line of Cedar Street which is located 779 feet more or less, southerly from an intersection of the West line of Cedar Street extended northerly, and the North boundary line of Section 12, thence easterly parallel with North boundary line of Section 12 a distance of 560 feet thence southerly parallel to the West line of Cedar Street 200 feet to the South line of Pine Street, thence westerly along the South line of Pine Street and parallel to the North boundary of Section 12, a distance of 500 feet to a point of intersection with the east line of Cedar Street, thence northerly to the East line of Cedar Street, a distance of 60 feet to a point, thence westerly and parallel to the North line of Section 12, a distance of 60 feet to a point in the West line of Cedar Street extended, thence northerly along the West continuation line of Cedar Street, a distance of 140 feet to the place of beginning, excepting and reserving therefrom the right of way of the Minneapolis, St. Paul, and Sault Ste. Marie Railroad thereon and its branches, also excepting and reserving a perpetual right of way to Joseph H. Berry, his heirs and assigns for passing and repassing on foot and with animals or vehicles over a portion of said land which is more particularly described in a deed dated July 7, 1899, and recorded in Schoolcraft County on July 17, 1899, in Liber 6 of Deeds on Pages 578-579.



SCALE 1" = 300 FT
 PART OF SEC. 12, T11N, R16W
 PART OF SEC. 7 T11N, R15W
 12-21-87
 R. H. HULLISTON

Road Comm.
 Prop.

GRAVEL ROAD TO
 COUNTY ROAD CORNER



City Mill
 Larkhead
 Pipe Line Co.

700 412 00
 City Mill

700 413 00
 City Mill

700 413 00
 City Mill

700 413 00
 City Mill

700 412 00

700 413 00

700 413 00
 Edison Electric Co. (Sub-station)

700 413 50
 City

Larkhead
 Pipe Line Co.

700 412 00
 City Mill

700 414 00
 U.S.W.

700 413 00
 City Mill

700 413 00
 City Mill

549.4'

592.4'

700 413 50
 City

661'

493.0'

451'

543.4'

57'

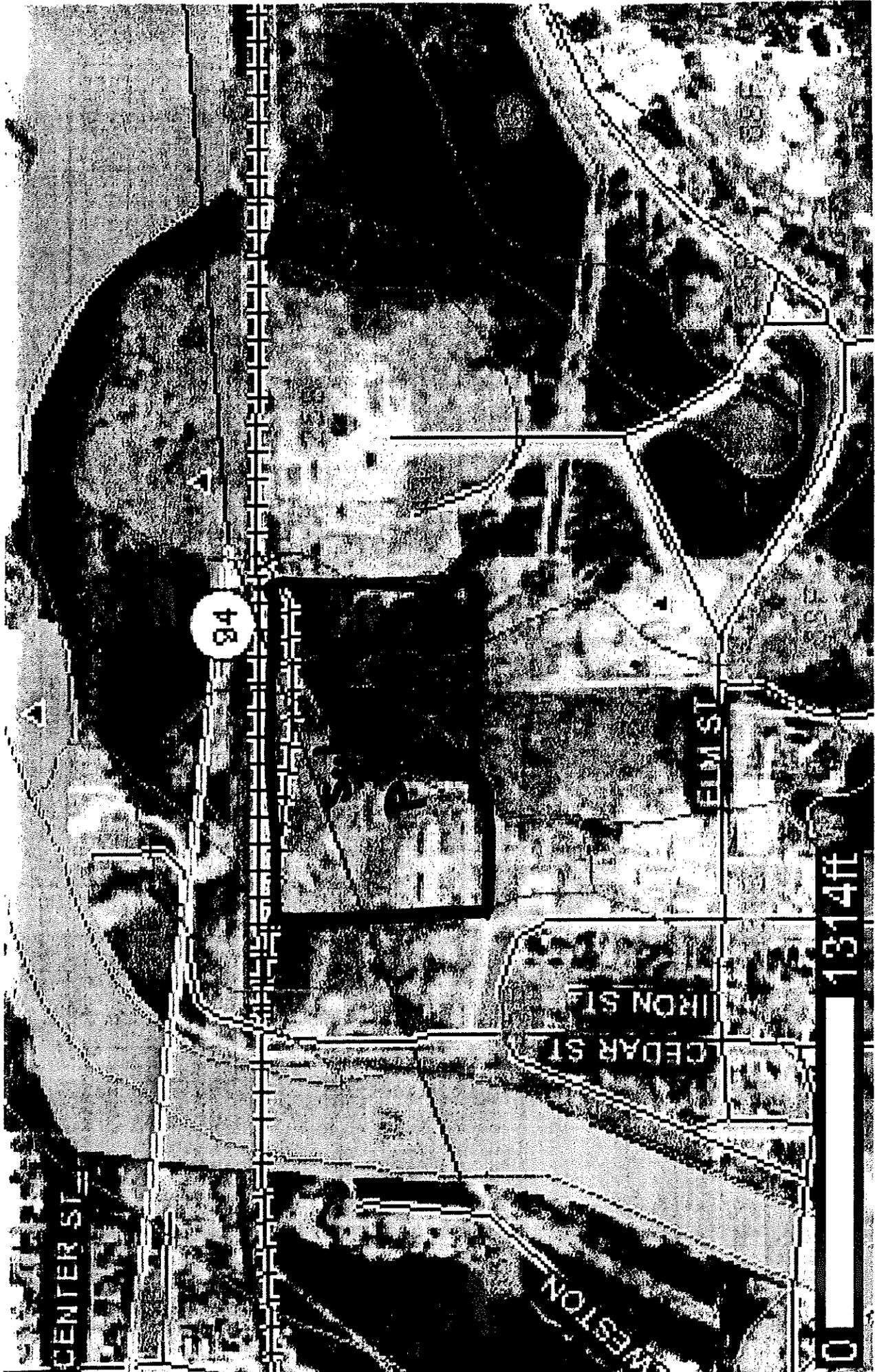
57'

700 413 00
 City Mill

700 413 00
 City Mill

700 412 00
 City Mill

700 413 00
 City Mill



94

CENTER ST

WILSON ST

WILSON ST

WILSON ST

WILSON ST
CEDAR ST

ELM ST

WESTON

0 1314ft

**Map Unit Description****Schoolcraft County, Michigan****69—Ruse mucky loam, rocky****Map Unit Setting**

Elevation: 570 to 1,390 feet
Mean annual precipitation: 28 to 33 inches
Mean annual air temperature: 39 to 43 degrees F
Frost-free period: 100 to 155 days

Map Unit Composition

Ruse and similar soils: 85 percent
Minor components: 15 percent

Description of Ruse**Setting**

Landform: Depressions on ground moraines
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy till

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: 4 to 20 inches to lithic bedrock
Drainage class: Poorly drained
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately high
(0.00 to 0.60 in/hr)
Depth to water table: About 0 inches
Frequency of flooding: None
Frequency of ponding: Frequent
Calcium carbonate, maximum content: 30 percent
Available water capacity: Very low (about 2.3 inches)

Interpretive groups

Land capability (nonirrigated): 7w
Other vegetative classification: Tsuga-Thuja-Mitella (TTM)

Typical profile

0 to 7 inches: Mucky loam
7 to 11 inches: Sandy loam
11 to 15 inches: Sandy loam
15 to 80 inches: Bedrock

Minor Components**Rock outcrop**

Percent of map unit: 15 percent

i Map Unit Description**Schoolcraft County, Michigan****76A—Shuberts-Manistique complex, 0 to 3 percent slopes****Map Unit Setting**

Elevation: 570 to 1,390 feet
Mean annual precipitation: 28 to 33 inches
Mean annual air temperature: 39 to 43 degrees F
Frost-free period: 90 to 155 days

Map Unit Composition

Shuberts and similar soils: 55 percent
Manistique and similar soils: 40 percent
Minor components: 5 percent

Description of Shuberts**Setting**

Landform: Swales, beach ridges
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Beach sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: 20 to 40 inches to lithic bedrock
Drainage class: Poorly drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.60 in/hr)
Depth to water table: About 0 inches
Frequency of flooding: None
Frequency of ponding: Frequent
Available water capacity: Very low (about 1.2 inches)

Interpretive groups

Land capability (nonirrigated): 5w

Typical profile

0 to 6 inches: Muck
6 to 25 inches: Fine sand
25 to 80 inches: Bedrock

Description of Manistique**Setting**

Landform: Beach ridges
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Beach sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 20 to 40 inches to lithic bedrock
Drainage class: Somewhat poorly drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.60 in/hr)
Depth to water table: About 6 inches
Frequency of flooding: None
Frequency of ponding: None
Available water capacity: Very low (about 2.0 inches)

Interpretive groups

Land capability (nonirrigated): 3w

Typical profile

0 to 2 inches: Fine sand
2 to 12 inches: Fine sand

**Map Unit Description****Schoolcraft County, Michigan****43--Ensley muck****Map Unit Setting**

Elevation: 570 to 1,390 feet
Mean annual precipitation: 28 to 33 inches
Mean annual air temperature: 39 to 43 degrees F
Frost-free period: 90 to 155 days

Map Unit Composition

Ensley and similar soils: 90 percent
Minor components: 10 percent

Description of Ensley**Setting**

Landform: Depressions on ground moraines, drainageways on ground moraines
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Lodgement till

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: About 0 inches
Frequency of flooding: None
Frequency of ponding: Frequent
Calcium carbonate, maximum content: 20 percent
Available water capacity: Moderate (about 8.3 inches)

Interpretive groups

Land capability (nonirrigated): 5w
Other vegetative classification: Fraxinus-Impatiens/Tsuga-Thuja-Mitella (FI/TTM)

Typical profile

0 to 5 inches: Muck
5 to 7 inches: Mucky loam
7 to 19 inches: Fine sandy loam
19 to 80 inches: Gravelly fine sandy loam

Minor Components**Cathro**

Percent of map unit: 3 percent
Landform: Depressions on ground moraines, drainageways on ground moraines
Landform position (three-dimensional): Dip
Down-slope shape: Linear
Across-slope shape: Linear
Other vegetative classification: Tsuga-Thuja-Mitella (TTM)

Deford

Percent of map unit: 3 percent
Landform: Depressions on outwash plains, depressions on lake plains
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Other vegetative classification: Fraxinus-Mentha-Carex/Tsuga-Maianthemum-Coptis (FMC/TMC)

Charlevoix

Percent of map unit: 2 percent
Landform: Ground moraines
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear

APPENDIX D

**ENVIRONMENTAL SITE ASSESSMENT CLIENT
QUESTIONNAIRE AND SITE REVIEW
AND
X3. USER QUESTIONNAIRE**

The X3. User Questionnaire was not completed for this report since there was not a potential purchaser for the property at the time this report was completed.

ENVIRONMENTAL SITE ASSESSMENT
CLIENT QUESTIONNAIRE AND SITE REVIEW

1. General Information

Site Name: **Michigan Dept. of Corrections – Camp Manistique**

Address of Site: **401 N. Maple, Manistique, Michigan**

Principal Contact(s) & Phone #(s): **Edson Forrester (906) 293-0005**

Owners of Site and Mailing Address: **State of Michigan, Department of Corrections,**

2. Site Setting

A. Location (Attach Map or Site Plan):

Total Acreage: **-Two pole type garage buildings, one concrete and block main building and one pole type building with finished interior.**

B. Site access (list any restrictions for entering site)-**By Appointment Only**

C. Surrounding land use (list and/or diagram. Indicated neighboring buildings, prominent features, roads, streams, etc.)-**Industrial/Residential/Railroad**

3. Existing Site Documentation

| | Yes | No |
|--|-----|------------|
| A. Environmental site assessment reports | ___ | <u>X</u> |
| B. Environmental audit report | ___ | <u>X</u> |
| C. Environmental permit | ___ | <u>X</u> |
| D. UST registration | ___ | <u>N/A</u> |
| E. Material Safety Data Sheet | ___ | <u>X</u> |
| F. Community right to know plan | ___ | <u>X</u> |
| G. Safety plan | ___ | <u>X</u> |
| 1. preparedness and prevention plan | ___ | <u>X</u> |

- | | | | |
|----|---------------------------------------|-------|--------------|
| 2. | spill prevention plan | _____ | <u> X </u> |
| H. | Hydrogeological report | _____ | <u> X </u> |
| I. | Geotechnical studies | _____ | <u> X </u> |
| J. | Chemical Hazard Communication Program | _____ | <u> X </u> |
-

4. History of Site

- A. Use of site (present, past, and anticipated future use). List dates of operation/dates of expansion.-**Medlum Security Prison Camp 1990-2007**
- B. Building Materials – **Steel Frame, Metal siding, concrete floor, and wood stud and drywall in the office area.**
1. Insulation type?
2. Is lead based paint present? -**No**
- C. Heating Plant(s) & Air Conditioning
1. Fuel type-**Natural Gas/Wood**
2. Are there any steam pipes or other pipes suspected to contain asbestos? -**No**
3. Are CFC's/Freon used for air conditioning? -**Yes**
- D. Electrical
1. Are electrical capacitors or transformers located on site? If yes, do they contain polychlorinated biphenyls (PCBs)? -**Yes/No**
2. Are there any electrical storage batteries? -**No**
3. Are there any sub-stations? -**No**
- E. Did any of the past uses involve processes where solvents or liquid chemicals were used? -**None**
- F. List history of spills, cleanups, fines or citations. -**None**
-

5. Current Uses

A. Description

B. Water Supply

1. Source-**City of Manistique**

C. Wastewater Disposal

1. Destination of wastewater-**City Sewer**
2. Destination of floor drains-**City Sewer**

D. Maintenance Records/Regulatory Compliance

1. Are hazardous wastes generated, stored, or handled at the site? If yes, list wastes by type (eg. corrosive, reactive, toxic, or medical, etc.)? **-No**
2. Do records exist with respect to the generation, storage, or handling of hazardous wastes or substances? (Attach copies of MSDS, spill prevention plan and environmental permits.)-**N/A**
3. Has any property/facility owned or operated by the customer been the subject of notice of violation, citation or other notification from a local, state or federal agency concerned with environmental compliance?-**No**
4. Is the customer subject to any private suits relating to compliance with environmental laws, regulations, permits, orders, or other environmental requirements?-**No**
5. Has the customer had any notices of violation, demand letters, noncompliance letters, or any other notices or other form of communications from the federal, state, or local government relating to the customer's failure to comply with any environmental requirement in the last five (5) years?-**No**
6. Does the site (facility) have Environmental Impairment Liability Insurance (EIL) or any type of "pollution" insurance?-**N/A**

E. Environmentally Hazardous Substances

1. List transporters of hazardous wastes used by the site. (Include EPA Transporter ID Number.)-**N/A**
2. List off-site disposal facilities (landfills, liquid recycler) used by the site in the past and presently.-**N/A**
3. List any landfills located on the property. (Give description and location.)-**N/A**
4. List and describe any waste piles located on property. -**N/A**
5. Are there any incinerators used at the site? (If yes, list type and describe substances incinerated.)-**N/A**
6. List and describe any other recycling or reclamation operations not previously mentioned.-**N/A**
7. Use of waste oils, solvents, cleaners, paints, etc. (List and describe.)-**None**
8. Use of pesticides, rodenticides, insecticides, or herbicides. (List and describe. Provide information on transport, storage and handling.)-**None**
9. Are wastes or chemicals discharged into a stream, lake, water source or sewer? If yes, list and describe.-**No**

List any government permits for the discharge(s).

F. Are there any above ground or underground storage tanks(s) on the property?-**No**

If yes, are tanks registered?

Facility ID Number:

Complete table below & attach copy of Registration: Tanks

| Tank # | Aboveground or Underground | Volume | Fuel Type | Age | Tank Construction | Tank Status |
|--------|-------------------------------|--------|-----------|-----|----------------------|-------------|
|--------|-------------------------------|--------|-----------|-----|----------------------|-------------|

6. Miscellaneous

A. Water Wells, Groundwater, Soils

1. Are drinking water wells located or used in the area?-**Not on facility property.**
2. Has the groundwater ever been tested for potential contaminants?-**No**
3. Have the soils ever been tested for potential contaminants?-**No**

B. Radon Gas

1. Have the structures on the property ever been tested for the presence of radon gas?-**No**
2. Has the land, ground or soil ever been tested for the presence of radon gas?-**No**

7. Other

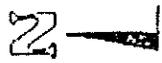
APPENDIX E

HISTORIC SITE SAMPLING INFORMATION

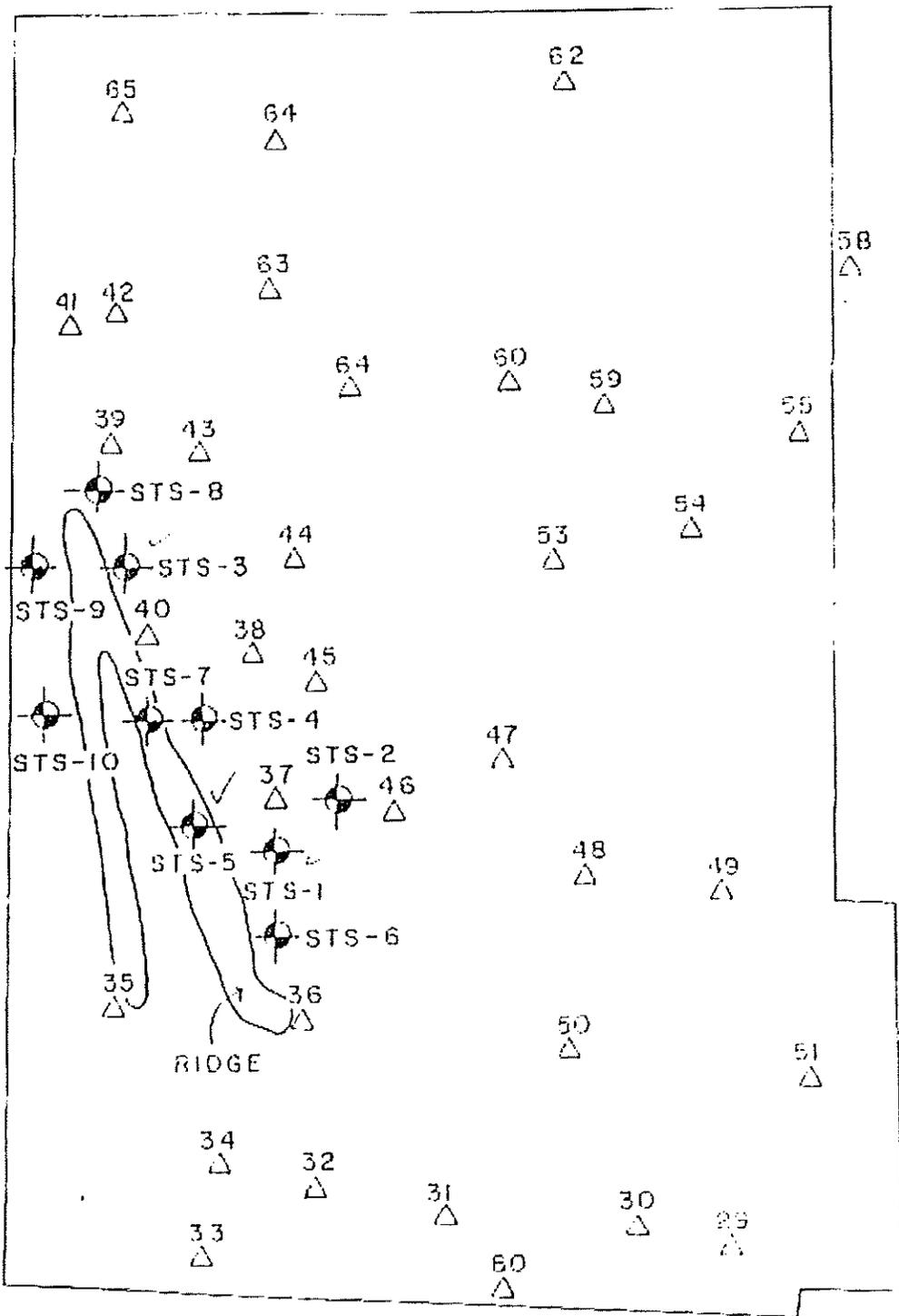
**STS Consultants, Ltd – Test Pit Location Diagram
(with MDEQ Test Pit Locations)**

SCA Survey Map with MDEQ Test Pit Locations

MDEQ Log of Soil Excavations – conducted by Mark Petrie



WISCONSIN CENTRAL R.R.



LEGEND

- △ STATE TEST PIT
- ⊕ S.T.S. TEST PIT



STS Consultants Ltd.
Consulting Engineers

PROJECT/CLIENT

TEST PIT LOCATION DIAGRAM
 CONTAMINATION SURVEY
 PROPOSED PRISON CAMP
 MANISTIQUE, MICHIGAN

| | | |
|----------------|-----------|--|
| DRAWN BY | RLS | |
| CHECKED BY | | |
| APPROVED BY | | |
| SCALE | FIGURE NO | |
| N.T.S. | 1 | |
| STS DRAWING NO | | |
| 17-167 XF | | |

ST/MS, 40-10-0 515117

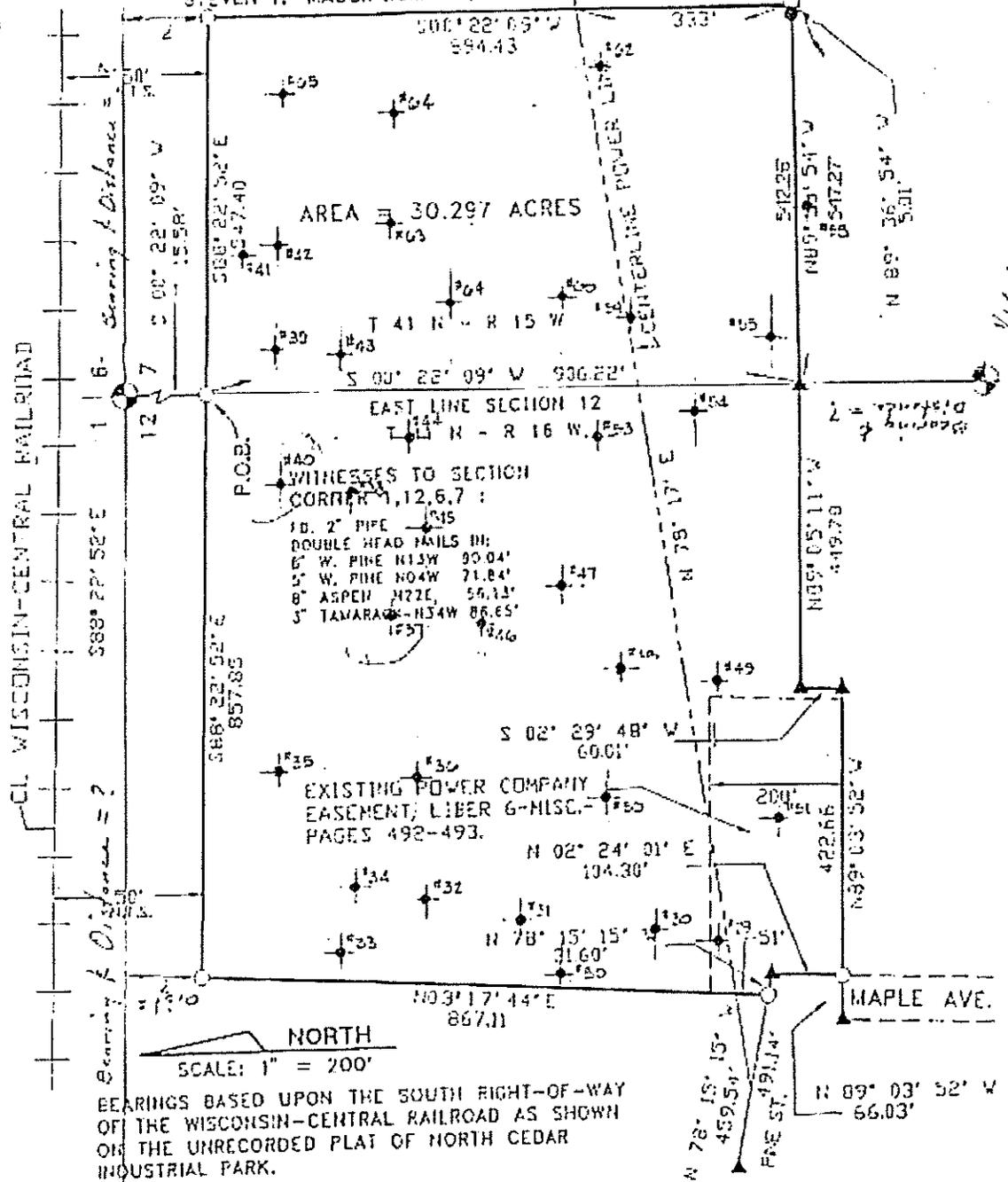
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MAR 18 1991
Marquette Dist. E.R.D.

CERTIFICATE OF SURVEY

PART OF THE NW1/4 OF THE NW1/4 OF SECTION 12, T41N-R15W AND PART OF THE NW1/4 OF THE NW1/4 OF SECTION 7, T41N-R15W, CITY OF MANISTIQUE, SCHOOLCRAFT CO., MI.

ORDERED BY: STATE OF MICHIGAN, DEPARTMENT OF MANAGEMENT AND BUDGET
STEVEN T. MASON BUILDINGS, BOX 30026, LANSING, MI 48909



BEARINGS BASED UPON THE SOUTH RIGHT-OF-WAY OF THE WISCONSIN-CENTRAL RAILROAD AS SHOWN ON THE UNRECORDED PLAT OF NORTH CEDAR INDUSTRIAL PARK.

SURVEYOR'S CERTIFICATE

I hereby certify that I have surveyed and mapped the land above platted and/or described on 5-22-89 and that the ratio of closure on the unadjusted field observations was 0.25' in 4,754.38' and that all the requirements of P.A. 132 of 1970 as amended have been complied with.



Sundberg, Carlson and Associates, Inc.
BY: Gerald W. Carlson DATE 7-13-89
GERALD W. CARLSON, L.S. #24589

| | | |
|---|--|--|
| LEGEND * - Found Iron O - Set SIB X 10" Iron WILKS Cap A - Found Concrete Monument A - Set Concrete Monument B - Other as Noted R - RECORDED M - MEASURED | DRAWN BY: KJW SCALE: 1" = 200' DATE: 7-11-89 | JOB NO: 8812-153 SHEET 1 OF 2 REVISIONS: |
| | Sundberg, Carlson And Associates, Inc. <small>Land Economic Construction Managers</small> | |

LOG OF SOIL EXCAVATIONS

- #1 0-5' Mixture of Sands/Topsoil/Fill
5' to water/rock
no black material

- #2 0-3.5' Sand/Rock Mixture
3.5' to water (minimal)/rock
no black material

- #3 0-1' Sand/Rock Mixture
1-4' ± (Black Material)
4.5' water
1 soil sample
1 water sample

- #4 0-1.5' Sand/Rock Mixture
1-3' ± down (Black Material)
3-8.5' Clay/Rocks/Sand
8.5' water/bottom

- #5 0-1' Topsoil/Sand
1-1.5' ± White waste
1-3' ± down (Black material)
3-5.5' ± Clay/Sand
5.5' water/bottom

- #6 0-1' Sand/Rock
1-3' (Black material)
3-6' Clay Rock Sand
6' water ±

- #7 0-1' Sand/Rock
1-3' deep (Black material)
3-6' Clay/Rock/Sand
6' water ±

- #8 0-1' ± Sand/Rock
1-3' ± (Black material)
No water

- #9 0-2.5' Rock/Debris/Black Material
2.5' deep - rock/foundation
2' down ± (Small layer black material)
No water

- #10 0-1' Sand/Debris, etc.
3' ± to water
Black material 1-3'
0-1' ± Rock/brick/misc./white waste/sand
Materials mixed

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LOG OF SOIL EXCAVATIONS (CONT'D)

- #11 0-.5' Dumped tar black material
0.5-6 or 7' Sand
6-7' Water
3' - Sand, smells like diesel fuel

- #12 Found barrel of tar (plastic)
Water smells diesel
No black material (some odor)
0-3.5' Debris/Rock/Sand
3.5-5' ± Sand
Water 3-3.5' down
Did not go to rock

- #13 0-2.5' sand fill
2.5-4' Dr. Brown Sand/Rocks/Debris
No black material
4' to water

- #14 0-4-5' debris RR tie (Brick, sand, etc.)
No black material
5' to water and clean sand

- #15 0-5' ± Dr. Brown Sand
.5-1.0± White Waste/Sand
1-3' black material mixed w/brick debris
3-5' Clean Sand
5' to water
Very little odor
1 sample material
1 sample water

- #16 0-5' (Topsoil/sand/black soil)
Rock ledge
No black material that smells

- #17 0-3.5' fill mixture slag, debris, etc.
3.5-5' clean sand
5' water
No black material

- #18 0-3' fill sand/debris
3-3.25' ± Black material mixed
3.25-4' Clean sand
4' to water

- #19 0-.5' topsoil
.5-2' sand
2-6' ± slag

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LOG OF SOIL EXCAVATIONS (CONT'1)

- #20 0-3' slag fill
3-5' clean sand
5-6' dirty sand, diesel, etc.
- #21 0-3' slag
3' water
3-? Slag (Brick, etc.)
No black material
Material smells like black waste material
- #22 0-2' fill w/1' black material
2-3' dr.br. sand
3-4' lt. brown sand
4' rock/refusal
Smell tar odor
- #23 0-2' topsoil
2-3' gray sand
3-5' lt. brown sand
5' water
No black material
- #24 0-4' slag
4' rockledge
2' water table
No black material or smell of odor
- #25 0-1' topsoil
1-2' black material - no odor
2-3' br. sand
3' rock
- #26 0-2' topsoil w/debris
2' sheet metal
2-2.75' black material (no odor)
2.75-4 br. sand w/roots
4' rock
- #27 0-5' topsoil/dirt
.5-2' brown sand and black material
2-4' clean sand
4' - water/rock
- #28 0-.75' clean sand
.75-2 brown sand
2-3' clean white sand
3-3.5' peat/black
3.5-5' lt. brown sand to rock
5' rock/water
Water coming in at 3 foot

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LOG OF SOIL EXCAVATIONS (CONT'D)

- #29 0-7' Debris (Stone/sand topsoil, etc.--all fill)
7' Water/rock
No black material
- #30 0-6.5' Fill/slag (Debris topsoil Sand)
6.5' Rock (no water)
- #31 0-3' Slag, topsoil, sand
3' Water
3'-6' Clay
6' Rock ledge
- #32 0-4.5' Slag, brick
topsoil, sand
4.5'-6.5' Wet clay
6.5' Rock refusal
- #33 0-2' Slag, topsoil debris
2-5' Sandy clay
2.5' Water
5' Rock
- #34 0-1' Topsoil - sand
1-3' Mixture brown sand
3-5.0 ± Sandy clay
3.5' Water table
- #35 0-4' Fill brick, topsoil, etc.
4' water
4-7 Clay rock very wet
- #36 0-2.50' Fill (sand, topsoil)
2.50-3.25 Brown Sand
3.25-5.5 Sand, clay, rocks
5.5' Rock ledge
- #37 0-2' Topsoil- Sand & Black material
2-3 Clay, rock
3' rock
- #38 0-3' Topsoil/sand
3-3.5' RR tie
3.5' Water
3.5'-4.5 Clay, rocks
4.5' Rocks/refusal
- #39 0'-2' Topsoil debris
2'-4' Clay
2' Water

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LOG OF SOIL EXCAVATIONS (CONT.)

- #40 0-2.5' Topsoil/black material
2.5'-3.25' Clay/Rocks
2.0' Water
3.5' Rock Ledge
- #41 0-1.5' Topsoil/slag
1.5' Water/RR tie
1.5'-2.0' Sand
2.0'-3.5' Clay/rock
3.5' Rock ledge
- #42 0-.33' Topsoil
.33'-1.25' Gray fine clay/silt
1.25'-3.5' Sand
3.5' Rock ledge
1.5' Water
- #43 0-1.5' Topsoil
1.5'-3.0' Clay rock sand
3.0' Rock ledge
1.5' Water
- #44 0-1' Topsoil/roots
1' Water
1-3.25' Sand/clay/rock mixture
3.25' Rock
- #45 0-1.5' Topsoil/roots
1.5'-3.5' Clay/sand/rocks
1.75' Water
3.5' Rock refusal
- #46 0-.75' Topsoil
.75'-2.00' Br. sand/slag
2.0'-3.0' Clay/rock
3.0' Rock refusal
2.0' Water
- #47 0-3' Topsoil
3' Rock
3.5' Water
- #48 0-2' Topsoil/debris slag sand
2.-4.5' Clay/rock/sand
4.5' Rock refusal
- #49 0-0.5' Lt. br. topsoil
0.5'-1.5' Lt. white fine sand
1.5'-2.0' Dr.br.topsoil/sand
2.0'-3.0' Brown sand
3.0' Refusal

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LOG OF SOIL EXCAVATIONS (CONT'D)

- #50 0-3' Topsoil/slag/sand
3'-5.5' Clay/sand/rock
5.5' Rock
- #51 0-1' Topsoil
1-3' Clay/sand/rock
No water
- #52 0-6' Debris slag/sand
6-8' Clay/rock
6' Water sand
8' Rock
- #53 0-1' Topsoil
1-3.5' Clay/sand
3.5 Rock ledge
1' Water coming in
No black material
- #54 0-1' Topsoil
1-1.5 Sand/Gravel
1.5-3.5 Clay
3.5 Rock ledge
- #55 0-1.5' Topsoil
1.5-3.5' Sand/rocks/clay
3.5 Rock ledge
3.5' Water
- #56 0-8' Topsoil
.8' Rock ledge
- #57 0-3' Slag fill/topsoil
3-3.5' Topsoil
3.5-4.0' Coarse sand
4.0-6.0' clay/rocks
6.0' Rock referral
- #58 0-2.5' Slag
2.5-3.0' Topsoil
3.0-4.0' Sand
4-7.0' Clay
7.0' Rock ledge
3.0' Water
- #59 0-.5' Topsoil
.5-3.0' Siltly sand
3.0-7.0' Clay/sand mixture
7.0' Water

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LOG OF SOIL EXCAVATIONS (CONT'D)

- #60 0-2' Topsoil/slag mixture
2-2.5' Gray clay/silt
2.5-3.0' Coarse sand
3.0-6.0' Clay (wet)
2.0' Water
6.0' Rock ledge
- #61 0-5' Topsoil
0.5-2' Clay/topsoil/slag
2-3' Clean sand
3-3.5' Topsoil/muck
3.5-6.0' Clay
6.0' Rock ledge
3.0' \pm Water coming in
- #62 0-.75' \pm Topsoil
.75-1.25' Clean sand
1.25-2.5' Coarse sand
2.5-6.0' Clay
0.25-0.5' Water
6.0' Rock ledge
- #63 0-2' Topsoil/small amount slag
2-3.5' Heavy sand/clay/rocks
3.5' Rock ledge
3.5' Small amount of water
- #64 0-.5' Topsoil
.5-2.0' Brown sand
2.0-2.5' Topsoil
2.5-4.0' Clean sand
4.0' Water
4-7.5' Clay
7.5' Rock ledge
- #65 0-0.5' Topsoil
0.5-5.0' \pm Lt. brown sand/dr. brown sand (moist)
5.0' \pm Rock ledge
- #66 0-2' Fill/sand/slag
2-4' Black material
4-7' Sand/clay/rocks
7' Rock
7.0' Water
- #67 0-2' Sand fill/topsoil
2-4.5' Slag fill
4.5'-5.5' \pm Clean sand
4.0' Water

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LOG OF SOIL EXCAVATIONS (CONT'D)

- #68 0-.5' Gravel & sand
 .5-4.5' Slag/debris
 4.5-5.25' Clean sand
 Dirty water @ 3.0'
 Did not go to rock
 bottom

- #69 0-.5' Dr. brown fill
 .5-3.5' Lt. br. clean sand
 3.5' Rock ledge
 3.0' Water

- #70 0-1' Dr. brown sand
 1-2' Black material little smell
 2-3.5' Layers of clean sand
 3.5' Rock

- #71 0-.25' Sand
 .25-1.5 Black material/sand
 smells - odor
 1.5' Rock ledge

- #72 3' wide x 6' long x 5' deep
 Conc. box on rock
 filled w/tar material

- #73 0-3' Black material/topsoil/slag
 smells - odor
 3'-4' Dr. brown sand/topsoil/
 w/wood
 4'-6' Brown sand - odor
 6' Rock ledge/water

- #74 0-3' Topsoil/slag/sand
 3'-4.5' Red sand
 4.5-7.5' Lt. brown & dr. sands
 7.5' Rock ledge
 4.0' Water coming in
 5.5' Water table
 No black material

- #75 0-6.5' Misc. fill (topsoil/slag/sand)
 6.5-7.5' Clay
 7.5' Rock ledge
 5.0' Water table
 No black material

- #76 0-1.5' topsoil/sand
 1.5-1.75' black material
 no smell or odor
 1.75 Bedrock

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LOG SOIL EXCAVATIONS (CONT'D)

- #77 0-2' Slag/sand/topsoil
2-3.5' Sand/rotten wood
3.5-4' Clean sand
4.0' Rock ledge
3.5' Water table
- #78 0-.75' Sand/topsoil
.75-1.25' White waste/soil
1.25-2.5' Black material
 little/no smell
2.5-4.0' Brown sand/wood
3.5' Water
4.0' Rock ledge
- #79 0-1.5' Slag/rock/sand
1.5-3.5' Dr. br. silty sand
3.5-4.0' Clean sand
4.0-5.0' Dr. br. sand
5.0-5.5' Clean sand
5.5' Rock ledge
4.25' Water flowing in
No smelly black material
- #80 0-2' Topsoil/sand/slag/(small amount)
2-4' Layers of clean sand
4-5.5' Clay w/rocks
5.5' Rock ledge
.25' of black material at 4' \pm (topsoil)
3.5' Water coming in at this level
- #81 0-2' Topsoil/slag
(4" \pm Black material 1.5 feet down)
2-4.25' Clean sands
4.25-4.5' Clay
4.5' Rock
4.25' Water
- #82 0-1.5' Topsoil slag
1.5-4.5 Layers of clean sand
4.5' Rock ledge
No black material no smell

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Marquette Dist. E.R.D.

Prepared by:

Michael J. Pond, P.E.
Sundberg, Carlson and Associates, Inc.

Excavations were completed by City of Manistique with M.J. Pond
and Mark Petrie, Environmental Response Division, DNR
coordinating locations and written observations.

Excavations were taken:

| | |
|----------------|-------|
| April 18, 1989 | 1-28 |
| April 21, 1989 | 28-52 |
| May 4, 1989 | 53-82 |

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