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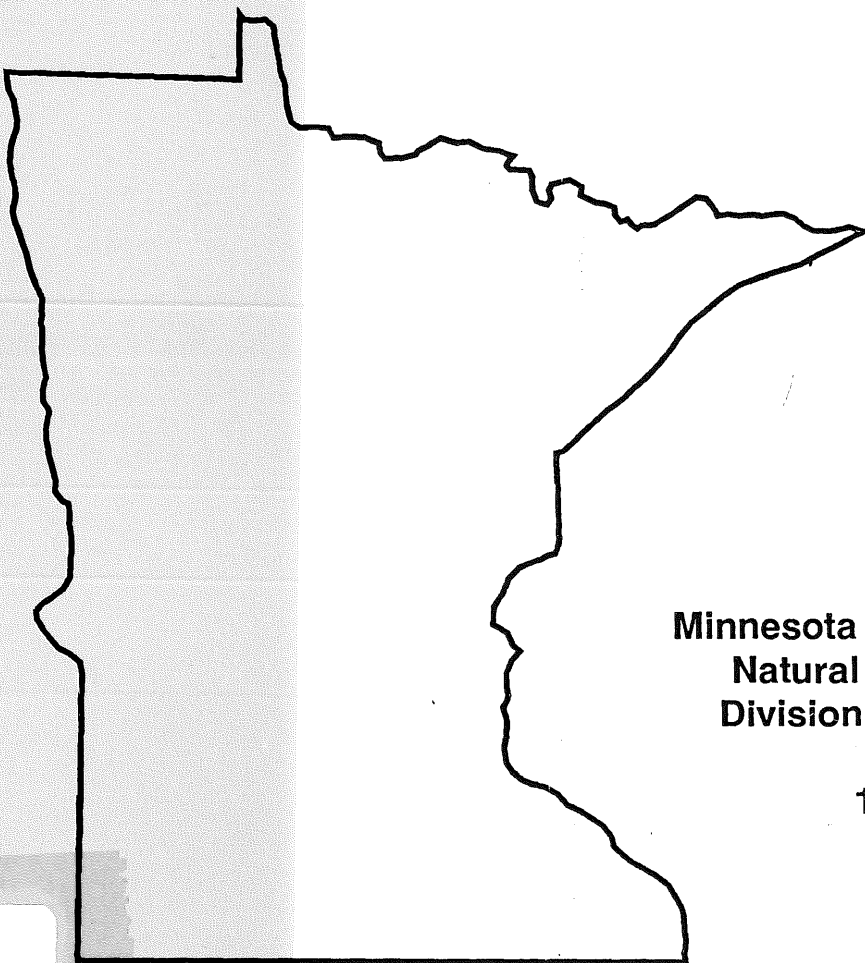


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## Report 288

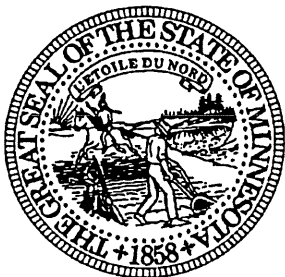
# Private Data Acquisition



Minnesota Department of  
Natural Resources  
Division of Minerals

1991

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Minnesota Department of Natural Resources  
Division of Minerals  
William C. Brice, Director

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Report 288

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Private Data Acquisition

By:  
N. S. Nelson

A Legislative Commission on Minnesota Resources Project

1991

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Funding for this project approved by the Minnesota Legislature as recommended by the Legislative Commission on Minnesota Resources from the Minnesota Future Resources Fund *or* Minnesota Environment and Natural Resources Trust Fund.



## Introduction

Minnesota has long been known for its iron ore mines, but the rocks of the state also contain base and precious metals such as copper, nickel, zinc, lead, platinum, and gold. However, exploration for these metals is hampered by a thick layer of glacial sediment (up to 150 m) that covers an estimated 99% of Minnesota's bedrock<sup>1</sup>. Geologists must use diverse methods to investigate the underlying rocks and locate buried mineral deposits; these methods include airborne and ground geophysical surveys, geochemical analyses of rock, soil, vegetation, and water, and deep drill holes. For these reasons, geologic exploration projects generate large amounts of data; once a project ends, all this material and information must be stored.

The Minerals Division of the Minnesota Department of Natural Resources (MNDNR) has maintained a Drill Core Library in Hibbing, Minnesota, since 1972. The library is the repository for drill core and records generated by exploration projects throughout the state. Today, when projects on any leased land are terminated, state law requires that drill core and associated data are submitted to the MNDNR to become part of the Drill Core Library collection. Until 1980, however, data from exploration projects on privately-leased lands did not have to be given to the MNDNR. Most companies preserved these private geologic data, but as offices are moved and new data are generated, the old data become harder and harder to retrieve.

The Legislative Commission on Minnesota Resources (LCMR) granted the Minerals Division of the MNDNR funding for a two-year project to locate and preserve private geologic data still held by exploration companies and individuals. The objectives of the project were to 1) recover and preserve historic geologic data that are in danger of being lost, 2) expand Minnesota's geologic data base, 3) consolidate geologic data into a central location, and 4) make private geologic information available for public use.

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<sup>1</sup>Ojakangas, R. W., and Matsch, C. L., 1982, *Minnesota's Geology*: Minneapolis, University of Minnesota Press, 255p.

## Methods

Many companies have conducted exploration programs in Minnesota during the past forty years, but exploration companies are continually being formed, sold, renamed, and dissolved. Locating data files many years after a project has ended is not an easy task. Because the MNDNR does not maintain records of private mineral leases, no list was available to use for identifying companies that have explored on private land in Minnesota. As a substitute, records of companies holding state mineral leases were searched; the assumption was made that many of these companies would also have explored on adjoining private land. This search produced a list of approximately twenty companies. In the process of trying to locate remaining Minnesota data, individuals representing at least sixty different companies throughout the United States were contacted by phone or by mail. Press releases were also placed in several exploration-oriented publications and in newspapers throughout the state. The most valuable source of information proved to be personal contacts; many geologists knew of Minnesota data stored by various companies (not necessarily those on the original list) and were able to provide names and phone numbers of contacts.

For instance, the New Jersey Zinc Company (NJZ) was active in Minnesota from 1966-1970 and conducted a number of projects in search of base metal deposits. The company was later sold to Gulf and Western, which was then purchased by Paramount Communications. The search for the remaining NJZ data files began with a local geologist who had worked for New Jersey Zinc; it continued through several exploration geologists, the former manager of exploration for NJZ, and the former president of NJZ. The data were finally located in storage in a warehouse in Nashville, Tennessee, but the material was owned by Paramount Communications. Negotiations to obtain the data were conducted through the Legal Department at Paramount's office in New York City. The NJZ Minnesota files were eventually boxed and transferred to the New York office where they were examined and the appropriate material was selected out for final donation to the Data Acquisition Project. From the first inquiry to receipt of the material in Hibbing, the search took approximately nine months and involved ten people in five states.

## Results

The Data Acquisition Project succeeded in recovering drill core totalling nearly 100,000 feet, lithologic logs and chemical assays from over 500 drill holes, data from three regional airborne geophysical surveys and numerous ground geophysical surveys, and over 1000 historic exploration maps. In addition to providing new data for the library, the Data Acquisition Project also made existing data sets more complete. The New Jersey Zinc files and the Whiteside Family files contained complete copies of some maps and geophysical data that were already a part of the library as partial data sets. These donations made it possible to replace the partial data with more complete records. A detailed listing of acquired drill core and data can be found in Appendix A (listed by donor) and Appendix B (listed by township/range).

The following companies and private individuals donated material to the Data Acquisition Project:

**American Shield Company:**

11,323' drill core from 16 drill holes in St. Louis and Pine counties.

**Anaconda Geological Document Collection of the International Archive of Economic Geology:**

Anaconda's McGrath Gneiss Project (Carlton and Pine counties) airborne and ground geophysical surveys, soil geochemistry.

Inco's Spruce Road/Maturi Road Cu-Ni Project (T62N R11W, Lake County) drill core logs, Cu-Ni assays, geologic maps, and preliminary engineering/cost study.

**Echo Bay Mines:**

Houston Oil and Minerals Company's Yggdrasil Project (northwestern Minnesota) airborne and ground geophysical surveys, drill hole logs and geochemistry.

Houston Oil and Minerals Company's Duluth Gabbro Project ground geophysical surveys and geochemistry.

GME Consultants, Inc.:

100' drill core from 7 drill holes in T50N R14W, City of Duluth.

Kennecott Corporation:

16,000' drill core from 12 drill holes in St. Louis and Koochiching counties.

M.A. Hanna Company:

Drill core logs from 3 Itasca County drill holes.

Meridian Minerals Company:

1000' drill core from 3 drill holes in T60N R24W, Itasca County; 40 geologic maps of the Cuyuna Range; Danube Mine cross-sections ca. 1926.

Minnesota Geological Survey:

17,500' drill core from 224 drill holes throughout the State of Minnesota.

Mineral Resources Research Center:

Drill core (discontinuous footages) from 23 drill holes in T57N R14W, St. Louis County, used for Paul Mainwaring thesis.

Newmont Exploration:

38,358' drill core from 60 drill holes in T60N R12W and T61N R12W, St. Louis County.

Normin Mining:

2,726' drill core from 6 drill holes. (No further information was available at printing time.)

Oglebay Norton Company:

11,000' drill core and associated data from 8 drill holes in the Gunflint Iron Formation, Cook County.

**Paramount Communications Inc.:**

The New Jersey Zinc Company's records from various Minnesota exploration projects--includes an airborne geophysical survey of the Duluth Complex; ground geophysics from several areas in northern Minnesota; drill hole logs.

**USX Corporation:**

Nearly 1000 exploration maps of the Cuyuna and Vermilion Ranges ca. 1906-1960; drill core logs--109 from the Dunka Road area and 21 from the Wyman Creek area; geophysical survey of Itasca County.

**Whiteside Family:**

- Exploration maps from the Cuyuna, Mesabi, and Vermilion ranges ca. 1899-1950.

## **Summary**

The LCMR provided \$150,000 funding for the Data Acquisition Project; to reproduce the data that were acquired by the project would cost a minimum of \$3,000,000 at today's prices. The funding provided by the LCMR has proved to be a profitable investment.

Of the exploration data located in the course of the project, some still remains in private storage. As economic conditions and exploration objectives change, companies still holding private exploration data may become willing to donate this material to the Drill Core Library. Continued efforts toward acquisition of private data should focus on the donation of data located but not acquired, the location and acquisition of additional data, and increased promotion of the Drill Core Library collection and facilities.

**Project 288**  
**Private Data Acquisition**

**APPENDIX A**

**List of Acquired Data**

---

Donor: American Shield                      Location: 44-21-32

Drill Core Donated: DDH PX-1, FOOTAGE=64-277 (213')

Date Generated:                      By:

DNR Storage Location: 8 J 3

---

Donor: American Shield                      Location: 53-14-6

Drill Core Donated: DDH IL-1, FOOTAGE=29-700 (671')

Date Generated:                      By:

DNR Storage Location: 8 J 5-6

---

Donor: American Shield                      Location: 53-14-6

Drill Core Donated: DDH IL-2, FOOTAGE=29-455 (426')

Date Generated:                      By:

DNR Storage Location: 8 J 6

---

Donor: American Shield                      Location: 53-14-6

Drill Core Donated: DDH IL-3, FOOTAGE=68-515 (447')

Date Generated:                      By:

DNR Storage Location: 8 J 4-5

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**Donor:** American Shield

**Location:**

**Drill Core Donated:** DDH BQ-1, FOOTAGE=268-313 (45')

**Date Generated:**

**By:**

**DNR Storage Location:** 8 K 4

---

**Donor:** American Shield

**Location:** 53-15-24

**Drill Core Donated:** DDH VII-2, FOOTAGE=26-539 (513')

**Date Generated:**

**By:**

**DNR Storage Location:** 8 J 2-3

---

**Donor:** American Shield

**Location:** 53-15-24

**Drill Core Donated:** DDH VII-4, FOOTAGE=13-533 (520')

**Date Generated:**

**By:**

**DNR Storage Location:** 8 I 8, 8 J 1

---

**Donor:** American Shield

**Location:** 53-15-24

**Drill Core Donated:** DDH VII-5, FOOTAGE=30-693 (663')

**Date Generated:**

**By:**

**DNR Storage Location:** 8 J 4

---

---

**Donor:** American Shield

**Location:** 53-15-25

**Drill Core Donated:** DDH VII-1, FOOTAGE=27-502 (475')

**Date Generated:**

**By:**

**DNR Storage Location:** 8 J 1-2

---

**Donor:** American Shield

**Location:** 56-14-9

**Drill Core Donated:** DDH CL-3, (205')

**Date Generated:**

**By:**

**DNR Storage Location:**

---

**Donor:** American Shield

**Location:** 57-14-27

**Drill Core Donated:** DDH CN-11, FOOTAGE=93-2975 (2882')

**Date Generated:**

**By:**

**DNR Storage Location:** 8 K 1-4

---

**Donor:** American Shield

**Location:** 57-14-28

**Drill Core Donated:** DDH CN-10, FOOTAGE=65-1875 (1810')

**Date Generated:**

**By:**

**DNR Storage Location:** 8 J 6-8

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**Donor:** American Shield                      **Location:** 59-13-19

**Drill Core Donated:** DDH LE-01, FOOTAGE=6-606 (600')

**Date Generated:**                      **By:**

**DNR Storage Location:** 8 J 3

---

**Donor:** American Shield                      **Location:** 59-13-19

**Drill Core Donated:** DDH LE-02, 17-502 (485')

**Date Generated:**                      **By:**

**DNR Storage Location:** 8 I 7

---

**Donor:** American Shield                      **Location:** 59-13-19

**Drill Core Donated:** DDH LE-03, FOOTAGE=41-499 (458')

**Date Generated:**                      **By:**

**DNR Storage Location:** 8 I 7-8

---

**Donor:** Anaconda Collection                      **Location:** 45-20-30

**Data Donated:** McGrath Gneiss Project: geochemical survey  
                    Sec 30 T45N R20W.

**Date Generated:** 1978                      **By:** Anaconda Company

**DNR Storage Location:** Assessment files (45-20-30 #2)

---

---

**Donor:** Anaconda Collection

**Location:** 45-21-25

**Data Donated:** McGrath Gneiss Project: geochemical survey  
Sec 25 T45N R21W.

**Date Generated:** 1978

**By:** Anaconda Company

**DNR Storage Location:** Assessment files (45-21-25 #1)

---

**Donor:** Anaconda Collection

**Location:** 46-20

**Data Donated:** McGrath Gneiss Project: ground geophysics  
T46N R20W.

**Date Generated:** 1980

**By:** Anaconda Company

**DNR Storage Location:** Assessment files (46-20-0 #1)

---

**Donor:** Anaconda Collection

**Location:** 46-21

**Data Donated:** McGrath Gneiss Project: ground geophysics  
T46N R21W.

**Date Generated:** 1980

**By:** Anaconda Company

**DNR Storage Location:** Assessment files (46-20-0 #1)

---

**Donor:** Anaconda Collection

**Location:** 61-11-4

**Data Donated:** Spruce Road/Maturi Road Project: location maps,  
geologic maps, drill core logs, ore estimates,  
feasibility studies, Cu-Ni assays.

**Date Generated:** 1955-1968

**By:** Inco

**DNR Storage Location:** Assessment files (62-11-0 Inco 1-4)

---

---

**Donor:** Anaconda Collection

**Location:** 61-11-5

**Data Donated:** Spruce Road/Maturi Road Project: location maps, geologic maps, drill core logs, ore estimates, feasibility studies, Cu-Ni assays.

**Date Generated:** 1955-1968      **By:** Inco

**DNR Storage Location:** Assessment files (62-11-0 Inco 1-4)

---

**Donor:** Anaconda Collection

**Location:** 62-11-24

**Data Donated:** Spruce Road/Maturi Road Project: location maps, geologic maps, drill core logs, ore estimates, feasibility studies, Cu-Ni assays.

**Date Generated:** 1955-1968      **By:** Inco

**DNR Storage Location:** Assessment files (62-11-0 Inco 1-4)

---

**Donor:** Anaconda Collection

**Location:** 62-11-25

**Data Donated:** Spruce Road/Maturi Road Project: location maps, geologic maps, drill core logs, ore estimates, feasibility studies, Cu-Ni assays.

**Date Generated:** 1955-1968      **By:** Inco

**DNR Storage Location:** Assessment files (62-11-0 Inco 1-4)

---

**Donor:** Echo Bay Mines

**Location:** 157-42

**Data Donated:** Yggdrasil Project: summary reports, water well chemistry, airborne and ground geophysics, drill hole logs.

**Date Generated:** 1982-85      **By:** Houston Oil and Minerals

**DNR Storage Location:** Assessment files (159-36-0 HOM 1-7)

---

---

**Donor:** Echo Bay Mines

**Location:** 158-42

**Data Donated:** Yggdrasil Project: summary reports, water well chemistry, airborne and ground geophysics, drill hole logs.

**Date Generated:** 1982-85

**By:** Houston Oil and Minerals

**DNR Storage Location:** Assessment files (159-36-0 HOM 1-7)

---

**Donor:** Echo Bay Mines

**Location:** 159-36

**Data Donated:** Yggdrasil Project: summary reports, water well chemistry, airborne and ground geophysics, drill hole logs.

**Date Generated:** 1982-85

**By:** Houston Oil and Minerals

**DNR Storage Location:** Assessment files (159-36-0 HOM 1-7)

---

**Donor:** Echo Bay Mines

**Location:** 159-37

**Data Donated:** Yggdrasil Project: summary reports, water well chemistry, airborne and ground geophysics, drill hole logs.

**Date Generated:** 1982-85

**By:** Houston Oil and Minerals

**DNR Storage Location:** Assessment files (159-36-0 HOM 1-7)

---

**Donor:** Echo Bay Mines

**Location:** 159-40

**Data Donated:** Yggdrasil Project: summary reports, water well chemistry, airborne and ground geophysics, drill hole logs.

**Date Generated:** 1982-85

**By:** Houston Oil and Minerals

**DNR Storage Location:** Assessment files (159-36-0 HOM 1-7)

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**Donor:** Echo Bay Mines

**Location:** 159-41

**Data Donated:** Yggdrasil Project: summary reports, water well chemistry, airborne and ground geophysics, drill hole logs.

**Date Generated:** 1982-85

**By:** Houston Oil and Minerals

**DNR Storage Location:** Assessment files (159-36-0 HOM 1-7)

---

**Donor:** Echo Bay Mines

**Location:** 159-42

**Data Donated:** Yggdrasil Project: summary reports, water well chemistry, airborne and ground geophysics, drill hole logs.

**Date Generated:** 1982-85

**By:** Houston Oil and Minerals

**DNR Storage Location:** Assessment files (159-36-0 HOM 1-7)

---

**Donor:** Echo Bay Mines

**Location:** 160-35

**Data Donated:** Yggdrasil Project: summary reports, water well chemistry, airborne and ground geophysics, drill hole logs.

**Date Generated:** 1982-85

**By:** Houston Oil and Minerals

**DNR Storage Location:** Assessment files (159-36-0 HOM 1-7)

---

**Donor:** Echo Bay Mines

**Location:** 160-36

**Data Donated:** Yggdrasil Project: summary reports, water well chemistry, airborne and ground geophysics, drill hole logs.

**Date Generated:** 1982-85

**By:** Houston Oil and Minerals

**DNR Storage Location:** Assessment files (159-36-0 HOM 1-7)

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**Donor:** Echo Bay Mines

**Location:** 160-40

**Data Donated:** Yggdrasil Project: summary reports, water well chemistry, airborne and ground geophysics, drill hole logs.

**Date Generated:** 1982-85

**By:** Houston Oil and Minerals

**DNR Storage Location:** Assessment files (159-36-0 HOM 1-7)

---

**Donor:** Echo Bay Mines

**Location:** 160-41

**Data Donated:** Yggdrasil Project: summary reports, water well chemistry, airborne and ground geophysics, drill hole logs.

**Date Generated:** 1982-85

**By:** Houston Oil and Minerals

**DNR Storage Location:** Assessment files (159-36-0 HOM 1-7)

---

**Donor:** Echo Bay Mines

**Location:** 161-35

**Data Donated:** Yggdrasil Project: summary reports, water well chemistry, airborne and ground geophysics, drill hole logs.

**Date Generated:** 1982-85

**By:** Houston Oil and Minerals

**DNR Storage Location:** Assessment files (159-36-0 HOM 1-7)

---

**Donor:** Echo Bay Mines

**Location:** 161-36

**Data Donated:** Yggdrasil Project: summary reports, water well chemistry, airborne and ground geophysics, drill hole logs.

**Date Generated:** 1982-85

**By:** Houston Oil and Minerals

**DNR Storage Location:** Assessment files (159-36-0 HOM 1-7)

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**Donor:** Echo Bay Mines

**Location:** 161-44

**Data Donated:** Yggdrasil Project: summary reports, water well chemistry, airborne and ground geophysics, drill hole logs.

**Date Generated:** 1982-85

**By:** Houston Oil and Minerals

**DNR Storage Location:** Assessment files (159-36-0 HOM 1-7)

---

**Donor:** Echo Bay Mines

**Location:** 162-36

**Data Donated:** Yggdrasil Project: summary reports, water well chemistry, airborne and ground geophysics, drill hole logs.

**Date Generated:** 1982-85

**By:** Houston Oil and Minerals

**DNR Storage Location:** Assessment files (159-36-0 HOM 1-7)

---

**Donor:** Echo Bay Mines

**Location:** 162-44

**Data Donated:** Yggdrasil Project: summary reports, water well chemistry, airborne and ground geophysics, drill hole logs.

**Date Generated:** 1982-85

**By:** Houston Oil and Minerals

**DNR Storage Location:** Assessment files (159-36-0 HOM 1-7)

---

**Donor:** Echo Bay Mines

**Location:** 56-14

**Data Donated:** Report on Johnson-St. Clair offering with drill hole, EM, and magnetic data.

**Date Generated:** 1966

**By:** Copper Range Company

**DNR Storage Location:** Assessment files (56-14-0 #4)

---

---

**Donor:** Echo Bay Mines

**Location:** 56-14

**Data Donated:** Cloquet Valley Project: summary reports, drill hole information, geophysics.

**Date Generated:** 1968

**By:** W. S. Moore Company

**DNR Storage Location:** Assessment files (56-14-0 #5)

---

**Donor:** Echo Bay Mines

**Location:** 57-14

**Data Donated:** Report on Johnson-St. Clair offering with drill hole, EM, and magnetic data.

**Date Generated:** 1966

**By:** Copper Range Company

**DNR Storage Location:** Assessment files (56-14-0 #4)

---

**Donor:** Echo Bay Mines

**Location:** 57-14

**Data Donated:** St. Louis Valley Project: summary reports, drill hole information, geophysics.

**Date Generated:** 1968

**By:** W. S. Moore Company

**DNR Storage Location:** Assessment files (57-14-0 #4)

---

**Donor:** Echo Bay Mines

**Location:** 62-14-22

**Data Donated:** Pucel Leases: geochemistry and locations of outcrop samples.

**Date Generated:** 1984

**By:** Houston Oil and Minerals

**DNR Storage Location:** Assessment files (62-14-22 #2)

---

---

**Donor:** Echo Bay Mines

**Location:** 62-14-28

**Data Donated:** Pucel Leases: geochemistry and locations of outcrop samples.

**Date Generated:** 1984

**By:** Houston Oil and Minerals

**DNR Storage Location:** Assessment files (62-14-28 #2)

---

**Donor:** Echo Bay Mines

**Location:** 62-14-30

**Data Donated:** Pucel Leases: geochemistry and locations of outcrop samples.

**Date Generated:** 1984

**By:** Houston Oil and Minerals

**DNR Storage Location:** Assessment files (62-14-30 #2)

---

**Donor:** Echo Bay Mines

**Location:** 62-14-31

**Data Donated:** Pucel Leases: geochemistry and locations of outcrop samples.

**Date Generated:** 1984

**By:** Houston Oil and Minerals

**DNR Storage Location:** Assessment files (62-14-31 #2)

---

**Donor:** Echo Bay Mines

**Location:** 63-11

**Data Donated:** Garden Lake Project report with outcrop sample chemistry.

**Date Generated:** 1986

**By:** American Shield

**DNR Storage Location:** Assessment files (63-11-0 #1)

---

---

**Donor:** GME

**Location:** 50-14-22

**Drill Core Donated:** DDH ST. MARY'S 90-05, FOOTAGE=16.3-26.3 (10')

**Data Donated:** Location map, DDH log.

**Date Generated:** 3/19/90

**By:** GME

**DNR Storage Location:** 15 N 8, assessment files (50-14-22 #1)

---

**Donor:** GME

**Location:** 50-14-22

**Drill Core Donated:** DDH ST. MARY'S 90-07, FOOTAGE=18.3-28.3 (10')

**Data Donated:** Location map, DDH log.

**Date Generated:** 3/21/90

**By:** GME

**DNR Storage Location:** 15 N 8, assessment files (50-14-22 #1)

---

**Donor:** GME

**Location:** 50-14-22

**Drill Core Donated:** DDH ST. MARY'S 90-10, FOOTAGE=12.5-24.5 (12')

**Data Donated:** Location map, DDH log.

**Date Generated:** 3/22/90

**By:** GME

**DNR Storage Location:** 15 N 8, assessment files (50-14-22 #1)

---

**Donor:** GME

**Location:** 50-14-27

**Drill Core Donated:** DDH SKYWALK 90-06, FOOTAGE=2-15.1 (13.1')

**Data Donated:** Location map, DDH log.

**Date Generated:** 3/23/90

**By:** GME

**DNR Storage Location:** 15 N 8, assessment files (50-14-27 #1)

---

---

**Donor:** GME

**Location:** 50-14-27

**Drill Core Donated:** DDH SKYWALK 90-07, FOOTAGE=13-22.8 (9.8')

**Data Donated:** Location map, DDH log.

**Date Generated:** 3/24/90

**By:** GME

**DNR Storage Location:** 15 N 8, assessment files (50-14-27 #1)

---

**Donor:** GME

**Location:** 50-14-27

**Drill Core Donated:** DDH SKYWALK 90-09, FOOTAGE=26.3-36 (9.7')

**Data Donated:** Location map, DDH log.

**Date Generated:** 3/24/90

**By:** GME

**DNR Storage Location:** 15 N 8, assessment files (50-14-27 #1)

---

**Donor:** GME

**Location:** 50-14-27

**Drill Core Donated:** DDH SKYWALK 90-11, FOOTAGE=16-26.1 (10.1')

**Data Donated:** Location map, DDH log.

**Date Generated:** 3/23/90

**By:** GME

**DNR Storage Location:** 15 N 8, assessment files (50-14-27 #1)

---

**Donor:** Kennecott Corp.

**Location:** 59-13

**Drill Core Donated:** DDH A4-10, FOOTAGE=12-2112.5 (2100')

**Date Generated:** 12/67

**By:** Bear Creek Mining

**DNR Storage Location:** 10 I 4-5

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**Donor:** Kennecott Corp.

**Location:** 59-13

**Drill Core Donated:** DDH A4-13, FOOTAGE=17-2465 (2448')

**Date Generated:** 8/68

**By:** Bear Creek Mining

**DNR Storage Location:** 10 I 5-8, 10 J 1

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**Donor:** Kennecott Corp.

**Location:** 59-13

**Drill Core Donated:** DDH A4-15, FOOTAGE=5-664 (659')

**Date Generated:** 7/71

**By:** Bear Creek Mining

**DNR Storage Location:** 10 J 2

---

**Donor:** Kennecott Corp.

**Location:** 59-13

**Drill Core Donated:** DDH A4-16, FOOTAGE=0-310 (310')

**Date Generated:** 7/71

**By:** Bear Creek Mining

**DNR Storage Location:** 10 J 2-3

---

**Donor:** Kennecott Corp.

**Location:** 59-13

**Drill Core Donated:** DDH A4-17, FOOTAGE=18-350 (332')

**Date Generated:** 7/71

**By:** Bear Creek Mining

**DNR Storage Location:** 10 J 3

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**Donor:** Kennecott Corp.

**Location:** 59-13

**Drill Core Donated:** DDH A4-18, FOOTAGE=9-923 (914')

**Date Generated:** 8/71

**By:** Bear Creek Mining

**DNR Storage Location:** 10 J 3-4

---

**Donor:** Kennecott Corp.

**Location:** 61-11

**Drill Core Donated:** DDH KA-3, FOOTAGE=7-3179 (3172')

**Date Generated:** 1/69

**By:** Bear Creek Mining

**DNR Storage Location:** 10 H 2-8, 10 I 1

---

**Donor:** Kennecott Corp.

**Location:** 61-11-7

**Drill Core Donated:** DDH KA-1, FOOTAGE=9-1635 (626')

**Date Generated:** 7/68

**By:** Bear Creek Mining

**DNR Storage Location:** 11 H 5-8

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**Donor:** Kennecott Corp.

**Location:** 61-11-7

**Drill Core Donated:** DDH KA-2, FOOTAGE=0-1161 (1161')

**Date Generated:** 7/68

**By:** Bear Creek Mining

**DNR Storage Location:** 11 H 8, 10 H 1-2

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**Donor:** Kennecott Corp.

**Location:** 61-11-7

**Drill Core Donated:** DDH KA-4, FOOTAGE=0-2465 (2465')

**Date Generated:** 9/70

**By:** Bear Creek Mining

**DNR Storage Location:** 10 I 1-4

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**Donor:** Kennecott Corp.

**Location:** 62-23-2

**Drill Core Donated:** DDH FL10-1, FOOTAGE=245-454 (209')

**Date Generated:** 7/71

**By:** Bear Creek Mining

**DNR Storage Location:** 10 J 4-5

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**Donor:** Kennecott Corp.

**Location:** 62-23-2

**Drill Core Donated:** DDH FL10-2, FOOTAGE=267-5874 (5604')

**Date Generated:** 8/71

**By:** Bear Creek Mining

**DNR Storage Location:** 10 J 5

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**Donor:** M.A. Hanna

**Location:** 60-24-1

**Data Donated:** Location map and summary logs for DDH T-2, T-3,  
T-15.

**Date Generated:** 8/70

**By:** M.A. Hanna

**DNR Storage Location:** Assessment files (60-24-1 #1)

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**Donor:** Meridian Minerals

**Location:** 129-138,25-32

**Data Donated:** Cuyuna Range geologic and aeromagnetic maps  
1"=1000' (36 sheets).

**Date Generated:** 1951

**By:** M.A. Hanna

**DNR Storage Location:** Map drawer A19

---

**Donor:** Meridian Minerals

**Location:** 130-137,25-32

**Data Donated:** Cuyuna Range geologic maps 1"=2000' (4 sheets).

**Date Generated:** ca 1960

**By:** M.A. Hanna

**DNR Storage Location:** Map drawer A19

---

**Donor:** Meridian Minerals

**Location:** 41-48,25-32

**Data Donated:** Cuyuna Range geologic and aeromagnetic maps  
1"=1000' (36 sheets).

**Date Generated:** 1951

**By:** M.A. Hanna

**DNR Storage Location:** Map drawer A19

---

**Donor:** Meridian Minerals

**Location:** 42-48,25-32

**Data Donated:** Cuyuna Range geologic maps 1"=2000' (4 sheets).

**Date Generated:** ca 1960

**By:** M.A. Hanna

**DNR Storage Location:** Map drawer A19

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**Donor:** Meridian Minerals

**Location:** 56-24-20,29

**Data Donated:** Danube Mine X-sections, 16 packets.

**Date Generated:** 1926-1930

**By:** Arthur Iron Mining Co.

**DNR Storage Location:** Map drawer A18

---

**Donor:** Meridian Minerals

**Location:** 60-24-1

**Drill Core Donated:** DDH T-15, FOOTAGE=99-485 (386')

**Date Generated:** 8/70

**By:** M.A. Hanna

**DNR Storage Location:** A 4

---

**Donor:** Meridian Minerals

**Location:** 60-24-1

**Drill Core Donated:** DDH T-2, FOOTAGE=30-415 (385')

**Date Generated:** 8/70

**By:** M.A. Hanna

**DNR Storage Location:** L 10-11

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**Donor:** Meridian Minerals

**Location:** 60-24-1

**Drill Core Donated:** DDH T-3, FOOTAGE=62-251 (189')

**Date Generated:** 8/70

**By:** M.A. Hanna

**DNR Storage Location:** L 11

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**Donor:** MGS

**Location:** 102-17-4

**Drill Core Donated:** DDH T-1, FOOTAGE=0-55.5 (55.5')

**Date Generated:** 09/21/1967      **By:** MN Highway Dept.

**DNR Storage Location:** 11 J 1

---

**Donor:** MGS

**Location:** 102-17-4

**Drill Core Donated:** DDH T-2, FOOTAGE=0-35.9 (35.9')

**Date Generated:** 09/26/1967      **By:** MN Highway Dept.

**DNR Storage Location:** 11 J 1

---

**Donor:** MGS

**Location:** 102-17-4

**Drill Core Donated:** DDH T-3, FOOTAGE=0-20 (20.0')

**Date Generated:** 09/27/1967      **By:** MN Highway Dept.

**DNR Storage Location:** 11 J 1

---

**Donor:** MGS

**Location:** 102-5- 8

**Drill Core Donated:** DDH R-1, #4, FOOTAGE=6.7-50.7 (44.0')

**Date Generated:** 06/17/1964      **By:** USDA SCS

**DNR Storage Location:** 11 J 1

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**Donor:** MGS

**Location:** 102-5- 8

**Drill Core Donated:** DDH R-1, #6, FOOTAGE=10-79.4 (69.4')

**Date Generated:** 10/14/1964      **By:** USDA SCS

**DNR Storage Location:** 11 J 1

---

**Donor:** MGS

**Location:** 102-5- 8

**Drill Core Donated:** DDH R-1, #8, FOOTAGE=5-34.5 (29.5')

**Date Generated:** 10/29/1964      **By:** USDA SCS

**DNR Storage Location:** 2 P 7

---

**Donor:** MGS

**Location:** 102-5- 8

**Drill Core Donated:** DDH R-1, #9, FOOTAGE=6.5-31.7 (25.2')

**Date Generated:** 11/03/1964      **By:** USDA SCS

**DNR Storage Location:** 2 P 7

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**Donor:** MGS

**Location:** 102-5-16

**Drill Core Donated:** DDH R-2, #22, FOOTAGE=4.5-40.5 (36.0')

**Date Generated:** 11/06/1964      **By:** USDA SCS

**DNR Storage Location:** 11 J 1

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**Donor:** MGS

**Location:** 102-5-24

**Drill Core Donated:** DDH R-4, #11A, FOOTAGE=47-100 (53.0')

**Date Generated:** 11/21/1972      **By:** USDA SCS

**DNR Storage Location:** 11 J 1

---

**Donor:** MGS

**Location:** 102-5-27

**Drill Core Donated:** DDH R-3, #3, FOOTAGE=31-47.3 (16.3')

**Date Generated:** 06/15/1965      **By:** USDA SCS

**DNR Storage Location:** 2 P 7

---

**Donor:** MGS

**Location:** 102-5-27

**Drill Core Donated:** DDH R-3, #4, FOOTAGE=30-41.5 (11.5')

**Date Generated:** 06/11/1965      **By:** USDA SCS.

**DNR Storage Location:** 2 P 7

---

**Donor:** MGS

**Location:** 102-5-27

**Drill Core Donated:** DDH R-3, #6, FOOTAGE=57-60.5 (3.5')

**Date Generated:** 06/30/1965      **By:** USDA SCS

**DNR Storage Location:** 11 J 1

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**Donor:** MGS

**Location:** 102-5-30

**Drill Core Donated:** DDH S-3, #1, FOOTAGE=7.5-22.5 (15.0')

**Date Generated:** 10/19/1965      **By:** USDA SCS

**DNR Storage Location:** 11 J 1

---

**Donor:** MGS

**Location:** 102-5-30

**Drill Core Donated:** DDH S-3, #3, FOOTAGE=29-37 (8.0')

**Date Generated:** 10/07/1965      **By:** USDA SCS

**DNR Storage Location:** 2 P 7

---

**Donor:** MGS

**Location:** 103-18-35

**Drill Core Donated:** DDH MOW#6, FOOTAGE=30.6-47.8 (17.2')

**Date Generated:** 01/01/1966      **By:** Soil Exploration Co.

**DNR Storage Location:** 2 Q 7

---

**Donor:** MGS

**Location:** 103-18-35

**Drill Core Donated:** DDH MOW#9, FOOTAGE=22.7-27.7 (5.0')

**Date Generated:** 01/01/1966      **By:** Soil Exploration Co.

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 103-18-35

**Drill Core Donated:** DDH MOW#1, FOOTAGE=39.7-53.7 (14.0')

**Date Generated:** 01/01/1966      **By:** Soil Exploration Co.

**DNR Storage Location:** 2 Q 7

---

**Donor:** MGS

**Location:** 103-18-35

**Drill Core Donated:** DDH MOW#2, FOOTAGE=44.5-49.9 (5.4')

**Date Generated:** 01/01/1966      **By:** Soil Exploration Co.

**DNR Storage Location:** 2 Q 7

---

**Donor:** MGS

**Location:** 103-18-35

**Drill Core Donated:** DDH MOW#3, FOOTAGE=25.7-47.9 (22.2')

**Date Generated:** 01/01/1966      **By:** Soil Exploration Co.

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 103-18-35

**Drill Core Donated:** DDH MOW#4, FOOTAGE=16.5-40.9 (24.4')

**Date Generated:** 01/01/1966      **By:** Soil Exploration Co.

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 103-18-35

**Drill Core Donated:** DDH MOW#5, FOOTAGE=16.5-35.6 (19.1')

**Date Generated:** 01/01/1966      **By:** Soil Exploration Co.

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 105-15-3

**Drill Core Donated:** DDH ZR-4A, #3, FOOTAGE=3.5-83 (79.5')

**Date Generated:** 08/27/1964      **By:** USDA SCS

**DNR Storage Location:** 11 J 1

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**Donor:** MGS

**Location:** 105-15-3

**Drill Core Donated:** DDH ZR-4A, #4, FOOTAGE=41.4-46.4 (5.0')

**Date Generated:** 05/19/1966      **By:** USDA SCS

**DNR Storage Location:** 11 J 1

---

**Donor:** MGS

**Location:** 106-12-14

**Drill Core Donated:** DDH 1663, FOOTAGE=0-45 (45.0')

**Date Generated:** 08/15/1974      **By:** MGS

**DNR Storage Location:** 11 J 1

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Donor: MGS

Location: 106-12-18

Drill Core Donated: DDH BR-1, #11, FOOTAGE=42.5-45.4 (2.9')

Date Generated: 10/16/1969

By: USDA SCS

DNR Storage Location: 2 P 7

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Donor: MGS

Location: 106-12-20

Drill Core Donated: DDH 1664, FOOTAGE=0-13.7 (13.7')

Date Generated: 08/15/1974

By: MGS

DNR Storage Location: 11 J 1

---

Donor: MGS

Location: 106-13-13

Drill Core Donated: DDH BR-1, #2, FOOTAGE=3.5-21 (17.5')

Date Generated: 07/19/1966

By: USDA SCS

DNR Storage Location: 2 P 7

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Donor: MGS

Location: 106-13-13

Drill Core Donated: DDH BR-1, #4, FOOTAGE=9-18 (9.0')

Date Generated: 07/25/1966

By: USDA SCS

DNR Storage Location: 2 P 7

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**Donor:** MGS

**Location:** 106-13-24

**Drill Core Donated:** DDH BR-2, #5, FOOTAGE=20.8-23.3 (2.5')

**Date Generated:** 08/26/1966      **By:** USDA SCS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 106-13-30

**Drill Core Donated:** DDH WR-4, #2, FOOTAGE=19.4-28.8 (9.4')

**Date Generated:** 05/16/1966      **By:** USDA SCS

**DNR Storage Location:** 2 Q 7

---

**Donor:** MGS

**Location:** 106-13-30

**Drill Core Donated:** DDH WR-4, #5, FOOTAGE=7.5-35.5 (9.9')

**Date Generated:** 05/27/1966      **By:** USDA SCS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 106-13-6

**Drill Core Donated:** DDH 1431, FOOTAGE=58.4-68.4 (10.0')

**Date Generated:** 08/02/1973      **By:** MGS

**DNR Storage Location:** 11 J 1

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**Donor:** MGS

**Location:** 106-14-13

**Drill Core Donated:** DDH 1430, FOOTAGE=0-43.3 (43.3')

**Date Generated:** 08/01/1973      **By:** MGS

**DNR Storage Location:** 11 J 1

---

**Donor:** MGS

**Location:** 106-14-34

**Drill Core Donated:** DDH WR-6A, #3, FOOTAGE=2.4-71 (68.6')

**Date Generated:** 12/21/1965      **By:** USDA SCS

**DNR Storage Location:** 2 P 7

---

**Donor:** MGS

**Location:** 106-14-35

**Drill Core Donated:** DDH WR-5, #1, FOOTAGE=12.7-60 (47.3')

**Date Generated:** 04/22/1966      **By:** USDA SCS

**DNR Storage Location:** 2 P 6

---

**Donor:** MGS

**Location:** 106-14-35

**Drill Core Donated:** DDH WR-5, #4, FOOTAGE=17-70 (53.0')

**Date Generated:** 04/27/1966      **By:** USDA SCS

**DNR Storage Location:** 11 J 1

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**Donor:** MGS

**Location:** 106-15-1

**Drill Core Donated:** DDH CR-1, #2, FOOTAGE=14-20 (6.0')

**Date Generated:** 11/19/1965      **By:** USDA SCS

**DNR Storage Location:** 11 J 1

---

**Donor:** MGS

**Location:** 106-15-1

**Drill Core Donated:** DDH CR-2, #11, FOOTAGE=9-14 (5.0')

**Date Generated:** 10/07/1969      **By:** USDA SCS

**DNR Storage Location:** 2 P 7

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**Donor:** MGS

**Location:** 106-15-19

**Drill Core Donated:** DDH ZR-12, #8, FOOTAGE=27.5-74 (46.5')

**Date Generated:** 09/27/1968      **By:** USDA SCS.

**DNR Storage Location:** 2 P 7

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**Donor:** MGS

**Location:** 106-15-19

**Drill Core Donated:** DDH ZR-12, #4, FOOTAGE=46-92 (46.0')

**Date Generated:** 07/18/1968      **By:** USDA SCS

**DNR Storage Location:** 11 J 1

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**Donor:** MGS

**Location:** 106-15-20

**Drill Core Donated:** DDH ZR-12,#1, FOOTAGE=36.5-52 (15.5')

**Date Generated:** 09/02/1964      **By:** USDA SCS

**DNR Storage Location:** 11 J 1

---

**Donor:** MGS

**Location:** 106-15-20

**Drill Core Donated:** DDH ZR-12,#2, FOOTAGE=7-81 (74.0')

**Date Generated:** 09/09/1964      **By:** USDA SCS

**DNR Storage Location:** 11 J 1

---

**Donor:** MGS

**Location:** 106-15-5

**Drill Core Donated:** DDH CR-3,#1, FOOTAGE=1-29 (28.0')

**Date Generated:** 11/03/1965      **By:** USDA SCS

**DNR Storage Location:** 2 P 6

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**Donor:** MGS

**Location:** 107-13-16

**Drill Core Donated:** DDH HR-2,#2, FOOTAGE=?

**Date Generated:** 01/01/1964      **By:** USDA SCS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 107-13-16

**Drill Core Donated:** DDH HR-2, #5, FOOTAGE=3-30 (27.0')

**Date Generated:** 08/04/1964

**By:** USDA SCS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 107-13-18

**Drill Core Donated:** DDH 1659, FOOTAGE=0-29 (29.0')

**Date Generated:** 08/14/1974

**By:** MGS

**DNR Storage Location:** 11 J 1

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**Donor:** MGS

**Location:** 107-13-25

**Drill Core Donated:** DDH SR-1, #1, FOOTAGE=7-53.6 (46.6')

**Date Generated:** 12/01/1965

**By:** USDA SCS

**DNR Storage Location:** 2 P 6

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**Donor:** MGS

**Location:** 107-13-25

**Drill Core Donated:** DDH SR-1, #2, FOOTAGE=8-61.5 (53.5')

**Date Generated:** 12/14/1965

**By:** USDA SCS

**DNR Storage Location:** 11 J 1

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**Donor:** MGS

**Location:** 107-13-7

**Drill Core Donated:** DDH 1658, FOOTAGE=0-19 (19.0')

**Date Generated:** 08/13/1974      **By:** MGS

**DNR Storage Location:** 11 J 1

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**Donor:** MGS

**Location:** 107-14-34

**Drill Core Donated:** DDH 1414, FOOTAGE=0-37.4 (37.4')

**Date Generated:** 08/06/1973      **By:** MGS

**DNR Storage Location:** 11 4 1

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**Donor:** MGS

**Location:** 107-15-22

**Drill Core Donated:** DDH 1424, FOOTAGE=0-72 (72.0')

**Date Generated:** 08/08/1973      **By:** MGS

**DNR Storage Location:** 11 J 1

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**Donor:** MGS

**Location:** 108-14-28

**Drill Core Donated:** DDH 1661, FOOTAGE=0-26 (26.0')

**Date Generated:** 08/14/1974      **By:** MGS

**DNR Storage Location:** 11 J 1

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Donor: MGS

Location: 108-14-28

Drill Core Donated: DDH 1679, FOOTAGE=21-36.3 (15.3')

Date Generated: 04/06/1973 By: MGS

DNR Storage Location: 11 J 1

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Donor: MGS

Location: 111-16-30

Drill Core Donated: DDH R-1,#1, FOOTAGE=65.5-91.5 (26.0')

Date Generated: 08/10/1966 By: USDA SCS

DNR Storage Location: 11 J 1

---

Donor: MGS

Location: 111-16-30

Drill Core Donated: DDH R-1,#3, FOOTAGE=53.5-58.5 (5.0')

Date Generated: 08/24/1966 By: USDA SCS

DNR Storage Location: 11 J 1

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Donor: MGS

Location: 111-17-14

Drill Core Donated: DDH R-4,#1, FOOTAGE=5.5-112.5 (107.0')

Date Generated: 09/08/1966 By: USDA SCS

DNR Storage Location: 11 J 1

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**Donor:** MGS

**Location:** 111-17-14

**Drill Core Donated:** DDH R-4, #2, FOOTAGE=32.3-43 (10.7')

**Date Generated:** 09/08/1966      **By:** USDA SCS

**DNR Storage Location:** 11 J 1

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**Donor:** MGS

**Location:** 111-17-14

**Drill Core Donated:** DDH R-4, #10, FOOTAGE=85-90 (5.0')

**Date Generated:** 03/26/1973      **By:** USDA SCS

**DNR Storage Location:** 11 J 1

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**Donor:** MGS

**Location:** 111-17-14

**Drill Core Donated:** DDH R-4, #301, FOOTAGE=35.3-40 (4.7')

**Date Generated:** 04/11/1973      **By:** USDA SCS

**DNR Storage Location:** 11 J 1

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**Donor:** MGS

**Location:** 112-35-1

**Drill Core Donated:** DDH RF-3, FOOTAGE=153-224 (71.0')

**Date Generated:** 07/01/1988      **By:** MGS

**DNR Storage Location:** 2 Q 3

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**Donor:** MGS

**Location:** 113-35-26

**Drill Core Donated:** DDH RF-2, FOOTAGE=44-86 (42.0')

**Date Generated:** 07/22/1988      **By:** MGS

**DNR Storage Location:** 2 Q 4

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**Donor:** MGS

**Location:** 113-35-26

**Drill Core Donated:** DDH RF-2A, FOOTAGE=116-262 (146.0')

**Date Generated:** 07/22/1988      **By:** MGS

**DNR Storage Location:** 2 Q 4-5

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**Donor:** MGS

**Location:** 113-35-33

**Drill Core Donated:** DDH RF-1, FOOTAGE=90-224 (134.0')

**Date Generated:** 06/27/1988      **By:** MGS

**DNR Storage Location:** 2 Q 4

---

**Donor:** MGS

**Location:** 123-27-19

**Drill Core Donated:** DDH SA-1, FOOTAGE=50-121 (71.0')

**Date Generated:** 06/23/1988      **By:** MGS

**DNR Storage Location:** 2 Q 5-6

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**Donor:** MGS

**Location:** 123-30-19

**Drill Core Donated:** DDH CS-1, FOOTAGE=60-112 (52.0')

**Date Generated:** 06/22/1988      **By:** MGS

**DNR Storage Location:** 2 Q 5

---

**Donor:** MGS

**Location:** 124-29-24

**Drill Core Donated:** DDH SJ-1, FOOTAGE=30-158 (128.0')

**Date Generated:** 06/18/1988      **By:** MGS

**DNR Storage Location:** 2 Q 5

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**Donor:** MGS

**Location:** 124-37-7

**Drill Core Donated:** DDH PPA5-B-2, FOOTAGE=453.5-459.5 (6.0')

**Date Generated:** 02/15/1982      **By:** Waste Management Board

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 127-29-8

**Drill Core Donated:** DDH RY-1, FOOTAGE=40-143 (103.0')

**Date Generated:** 06/13/1988      **By:** MGS

**DNR Storage Location:** 2 Q 5

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**Donor:** MGS

**Location:** 127-31-29

**Drill Core Donated:** DDH P-16, FOOTAGE=185.5-195.8 (10.3')

**Date Generated:** 09/27/1983      **By:** MGS

**DNR Storage Location:** 2 Q 1

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**Donor:** MGS

**Location:** 127-32-27

**Drill Core Donated:** DDH 1985-14, FOOTAGE=179.5-185.7 (6.2')

**Date Generated:** 11/21/1985      **By:** MGS

**DNR Storage Location:** 2 Q 3

---

**Donor:** MGS

**Location:** 127-32-33

**Drill Core Donated:** DDH RY-2, FOOTAGE=50-109 (59.0')

**Date Generated:** 06/16/1988      **By:** MGS

**DNR Storage Location:** 2 Q 5

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**Donor:** MGS

**Location:** 128-30-15

**Drill Core Donated:** DDH P-14B, FOOTAGE=161.5-170.8 (9.3')

**Date Generated:** 09/29/1983      **By:** MGS

**DNR Storage Location:** 2 Q 1

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**Donor:** MGS

**Location:** 128-33-27

**Drill Core Donated:** DDH 1985-13A, FOOTAGE=614-624 (10.0')

**Date Generated:** 11/08/1985      **By:** MGS

**DNR Storage Location:** 2 Q 3

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**Donor:** MGS

**Location:** 128-34-16

**Drill Core Donated:** DDH 1985-12, FOOTAGE=325.1-335.3 (10.2')

**Date Generated:** 10/24/1985      **By:** MGS

**DNR Storage Location:** 2 Q 3

---

**Donor:** MGS

**Location:** 129-35-24

**Drill Core Donated:** DDH 1985-11, FOOTAGE=334-344 (10.0')

**Date Generated:** 10/16/1985      **By:** MGS

**DNR Storage Location:** 2 Q 3

---

**Donor:** MGS

**Location:** 129-35-25

**Drill Core Donated:** DDH CC-14, FOOTAGE=515-522.2 (7.5')

**Date Generated:** 11/02/1981      **By:** MGS

**DNR Storage Location:** LEONIDAS

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**Donor:** MGS

**Location:** 129-36-22

**Drill Core Donated:** DDH LV-14, FOOTAGE=264-274 (10.0')

**Date Generated:** 09/03/1982      **By:** MGS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 129-36-33

**Drill Core Donated:** DDH 1985-9, FOOTAGE=295-305 (10.0')

**Date Generated:** 10/08/1985      **By:** MGS

**DNR Storage Location:** 2 Q 2

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**Donor:** MGS

**Location:** 129-37-1

**Drill Core Donated:** DDH 1985-8, FOOTAGE=165-185.5 (20.5')

**Date Generated:** 10/03/1985      **By:** MGS

**DNR Storage Location:** 2 Q 2

---

**Donor:** MGS

**Location:** 130-31-21

**Drill Core Donated:** DDH P-7, FOOTAGE=275-278.8 (3.8')

**Date Generated:** 09/14/1983      **By:** MGS

**DNR Storage Location:** 2 Q 1

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**Donor:** MGS

**Location:** 130-33-34

**Drill Core Donated:** DDH P-6, FOOTAGE=572-578.1 (6.1')

**Date Generated:** 09/08/1983      **By:** MGS

**DNR Storage Location:** 2 Q 1

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**Donor:** MGS

**Location:** 130-35-28

**Drill Core Donated:** DDH 1985-10, FOOTAGE=345.5-355.5 (10.0')

**Date Generated:** 10/11/1985      **By:** MGS

**DNR Storage Location:** 2 Q 1

---

**Donor:** MGS

**Location:** 130-36-11

**Drill Core Donated:** DDH 1985-7, FOOTAGE=358-363 (5.0')

**Date Generated:** 10/01/1985      **By:** MGS

**DNR Storage Location:** 2 Q 2

---

**Donor:** MGS

**Location:** 131-32-34

**Drill Core Donated:** DDH P-5, FOOTAGE=370-380 (10.0')

**Date Generated:** 08/28/1983      **By:** MGS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 131-35-10

**Drill Core Donated:** DDH 1985-5, FOOTAGE=257-265.5 (8.5')

**Date Generated:** 09/20/1985      **By:** MGS

**DNR Storage Location:** 2 Q 2

---

**Donor:** MGS

**Location:** 131-36-28

**Drill Core Donated:** DDH 1985-6, FOOTAGE=351.5-361.5 (10.0')

**Date Generated:** 09/25/1985      **By:** MGS

**DNR Storage Location:** 2 Q 2

---

**Donor:** MGS

**Location:** 132-31-21

**Drill Core Donated:** DDH P-4, FOOTAGE=273.5-294 (20.5')

**Date Generated:** 08/22/1983      **By:** MGS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 132-31-6

**Drill Core Donated:** DDH LV-12A, FOOTAGE=80-88.7 (8.7')

**Date Generated:** 08/30/1982      **By:** MGS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 132-32-3

**Drill Core Donated:** DDH PBI-88-1, FOOTAGE=23-33 (10.0')

**Date Generated:** 06/30/1988      **By:** MGS

**DNR Storage Location:** 11 J 1

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**Donor:** MGS

**Location:** 132-32-3

**Drill Core Donated:** DDH PBI-88-2, FOOTAGE=28-38 (10.0')

**Date Generated:** 06/30/1988      **By:** MGS

**DNR Storage Location:** 11 J 1

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**Donor:** MGS

**Location:** 132-33-14

**Drill Core Donated:** DDH LV-13, FOOTAGE=130.6-140.2 (9.6')

**Date Generated:** 09/01/1982      **By:** MGS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 132-34-30

**Drill Core Donated:** DDH CC-22, FOOTAGE=220-224.4 (4.4')

**Date Generated:** 10/27/1980      **By:** MGS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 132-37-34

**Drill Core Donated:** DDH CC-33A, FOOTAGE=453.1-468.1 (15.0')

**Date Generated:** 07/13/1981      **By:** MGS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 133-30-29

**Drill Core Donated:** DDH P-3, FOOTAGE=174.5-185 (10.5')

**Date Generated:** 08/12/1983      **By:** MGS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS      **Location:** 133-34-29

**Drill Core Donated:** DDH CC-25, FOOTAGE=261.3-276.2 (14.9')

**Date Generated:** 09/09/1980      **By:** MGS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 133-34-4

**Drill Core Donated:** DDH CC-27, FOOTAGE=154-161.4 (7.4')

**Date Generated:** 08/21/1980      **By:** MGS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 133-36-1

**Drill Core Donated:** DDH CC-32, FOOTAGE=114.2-122.2 (8.0')

**Date Generated:** 09/24/1980      **By:** MGS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 134-29-16

**Drill Core Donated:** DDH AB-19, FOOTAGE=239-247 (8.0')

**Date Generated:** 08/02/1984      **By:** MGS

**DNR Storage Location:** 2 Q 3

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**Donor:** MGS

**Location:** 134-30-11

**Drill Core Donated:** DDH P-1, FOOTAGE=223-231.2 (8.2')

**Date Generated:** 08/04/1983      **By:** MGS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 134-31-36

**Drill Core Donated:** DDH P-2, FOOTAGE=274.5-282.7 (8.2')

**Date Generated:** 08/10/1983      **By:** MGS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 134-38-2

**Drill Core Donated:** DDH HS-88-1, FOOTAGE=492-502 (10.0')

**Date Generated:** 05/19/1988      **By:** MGS

**DNR Storage Location:** 2 Q 2

---

**Donor:** MGS

**Location:** 135-30-10

**Drill Core Donated:** DDH LV-11, FOOTAGE=255-265.2 (10.2')

**Date Generated:** 09/08/1982      **By:** MGS

**DNR Storage Location:** 2 Q 7

---

**Donor:** MGS

**Location:** 135-34-8

**Drill Core Donated:** DDH 1985-3, FOOTAGE=472-482 (10.0')

**Date Generated:** 09/12/1985      **By:** MGS

**DNR Storage Location:** 2 Q 2

---

**Donor:** MGS

**Location:** 135-35-23

**Drill Core Donated:** DDH 1985-4, FOOTAGE=324-334 (10.0')

**Date Generated:** 09/17/1985      **By:** MGS

**DNR Storage Location:** 2 Q 2

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Donor: MGS

Location: 135-38-14

Drill Core Donated: DDH HS-88-2, FOOTAGE=275-285 (10.0')

Date Generated: 05/13/1988 By: MGS

DNR Storage Location: 2 Q 2

---

Donor: MGS

Location: 136-27-15

Drill Core Donated: DDH AB-18, FOOTAGE=366.5-372.5 (6.0')

Date Generated: 07/30/1984 By: MGS

DNR Storage Location: 2 Q 3

---

Donor: MGS

Location: 136-31-19

Drill Core Donated: DDH 1985-2, FOOTAGE=282-292.1 (10.1')

Date Generated: 08/22/1985 By: MGS

DNR Storage Location: 2 Q 2

---

Donor: MGS

Location: 136-38-34

Drill Core Donated: DDH HS-88-3, FOOTAGE=426-436 (10.0')

Date Generated: 05/09/1988 By: MGS

DNR Storage Location: 2 Q 2

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**Donor:** MGS

**Location:** 137-25-16

**Drill Core Donated:** DDH AB-21, FOOTAGE=274.5-284.5 (10.0')

**Date Generated:** 07/21/1984      **By:** MGS

**DNR Storage Location:** 2 Q 3

---

**Donor:** MGS

**Location:** 137-25-33

**Drill Core Donated:** DDH AB-20, FOOTAGE=250-260 (10.0')

**Date Generated:** 07/25/1984      **By:** MGS

**DNR Storage Location:** 2 Q 3

---

**Donor:** MGS

**Location:** 137-30-22

**Drill Core Donated:** DDH LV-10B, FOOTAGE=412-422 (10.0')

**Date Generated:** 09/20/1982      **By:** MGS

**DNR Storage Location:** 2 Q 7

---

**Donor:** MGS

**Location:** 137-30-34

**Drill Core Donated:** DDH LV-10A, FOOTAGE=278-288.2 (10.2')

**Date Generated:** 09/10/1982      **By:** MGS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 137-38-34

**Drill Core Donated:** DDH HS-88-4, FOOTAGE=669-679 (10.0')

**Date Generated:** 06/28/1988      **By:** MGS

**DNR Storage Location:** 2 Q 2

---

**Donor:** MGS

**Location:** 138-27-29

**Drill Core Donated:** DDH LV-9A, FOOTAGE=336-346.3 (10.3')

**Date Generated:** 08/27/1982      **By:** MGS

**DNR Storage Location:** 2 Q 7

---

**Donor:** MGS

**Location:** 138-32-35

**Drill Core Donated:** DDH 1985-1, FOOTAGE=486-496 (10.0')

**Date Generated:** 09/06/1985      **By:** MGS

**DNR Storage Location:** 2 Q 2

---

**Donor:** MGS

**Location:** 139-27-20

**Drill Core Donated:** DDH LV-5, FOOTAGE=492-512 (20.0')

**Date Generated:** 07/28/1982      **By:** MGS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 139-28-2

**Drill Core Donated:** DDH LV-3, FOOTAGE=373-389.4 (16.4')

**Date Generated:** 07/29/1982      **By:** MGS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 139-29-1

**Drill Core Donated:** DDH LV-1, FOOTAGE=362-372.3 (10.3')

**Date Generated:** 07/29/1982      **By:** MGS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 140-27-14

**Drill Core Donated:** DDH LV-2A, FOOTAGE=675.3-685.7 (10.4')

**Date Generated:** 08/02/1982      **By:** MGS

**DNR Storage Location:** 2 Q 7

---

**Donor:** MGS

**Location:** 141-28-36

**Drill Core Donated:** DDH LV-4, FOOTAGE=245.8-256.1 (10.3')

**Date Generated:** 07/30/1982      **By:** MGS

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 155-39-34

**Drill Core Donated:** DDH PL-3, FOOTAGE=170.5-175.5 (5.0')

**Date Generated:** 12/07/1981

**By:** Waste Management Board

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 157-28-11

**Drill Core Donated:** DDH 1986-26A, FOOTAGE=191-194.5 (3.5')

**Date Generated:** 10/29/1986

**By:** MGS

**DNR Storage Location:** 2 Q 1

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**Donor:** MGS

**Location:** 157-34-13

**Drill Core Donated:** DDH 1986-27A FOOTAGE=43-53 (10.0')

**Date Generated:** 09/29/1986

**By:** MGS

**DNR Storage Location:** 2 Q 2

---

**Donor:** MGS

**Location:** 157-41-24

**Drill Core Donated:** DDH PL-2, FOOTAGE=249.5-254.5 (5.0')

**Date Generated:** 12/09/1981

**By:** Waste Management Board

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 158-28-27

**Drill Core Donated:** DDH 1986-2A, FOOTAGE=143-153 (10.0')

**Date Generated:** 10/24/1986      **By:** MGS

**DNR Storage Location:** 2 Q 1

---

**Donor:** MGS

**Location:** 158-28-35

**Drill Core Donated:** DDH 1986-3A, FOOTAGE=239-249 (10.0')

**Date Generated:** 10/27/1986      **By:** MGS

**DNR Storage Location:** 2 Q 1

---

**Donor:** MGS

**Location:** 158-36-30

**Drill Core Donated:** DDH 1986-21, FOOTAGE=367-377 (10.0')

**Date Generated:** 09/05/1986      **By:** MGS

**DNR Storage Location:** 2 Q 2

---

**Donor:** MGS

**Location:** 159-31-9

**Drill Core Donated:** DDH 1986-11, FOOTAGE=283-293 (10.0')

**Date Generated:** 10/14/1986      **By:** MGS

**DNR Storage Location:** 2 Q 1

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**Donor:** MGS

**Location:** 159-32-3

**Drill Core Donated:** DDH 1986-15, FOOTAGE=239-243.3 (4.3')

**Date Generated:** 10/02/1986      **By:** MGS

**DNR Storage Location:** 2 Q 1

---

**Donor:** MGS

**Location:** 159-33-18

**Drill Core Donated:** DDH 1986-17, FOOTAGE=180-190 (10.0')

**Date Generated:** 09/25/1986      **By:** MGS

**DNR Storage Location:** 2 Q 1

---

**Donor:** MGS

**Location:** 159-33-31

**Drill Core Donated:** DDH 1986-18, FOOTAGE=335-338 (3.0')

**Date Generated:** 09/28/1986      **By:** MGS

**DNR Storage Location:** 2 Q 1

---

**Donor:** MGS

**Location:** 159-35-3

**Drill Core Donated:** DDH 1986-19, FOOTAGE=236-246 (10.0')

**Date Generated:** 09/09/1986      **By:** MGS

**DNR Storage Location:** 2 Q 1

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**Donor:** MGS

**Location:** 159-36-6

**Drill Core Donated:** DDH 1986-25, FOOTAGE=343-353 (10.0')

**Date Generated:** 08/27/1986      **By:** MGS

**DNR Storage Location:** 2 Q 2

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**Donor:** MGS

**Location:** 160-28-36

**Drill Core Donated:** DDH 1986-5, FOOTAGE=198-202 (4.0')

**Date Generated:** 11/03/1986      **By:** MGS

**DNR Storage Location:** 2 Q 1

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**Donor:** MGS

**Location:** 160-31-20

**Drill Core Donated:** DDH 1986-10, FOOTAGE=162-171.9 (9.9')

**Date Generated:** 10/11/1986      **By:** MGS

**DNR Storage Location:** 2 Q 1

---

**Donor:** MGS

**Location:** 160-33-31

**Drill Core Donated:** DDH 1986-16, FOOTAGE=306-315 (9.0')

**Date Generated:** 09/18/1986      **By:** MGS

**DNR Storage Location:** 2 Q 2

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**Donor:** MGS

**Location:** 160-36-18

**Drill Core Donated:** DDH 1986-24, FOOTAGE=291.6-301.6 (10.0')

**Date Generated:** 08/23/1986      **By:** MGS

**DNR Storage Location:** 2 Q 2

---

**Donor:** MGS

**Location:** 160-36-6

**Drill Core Donated:** DDH 1986-23, FOOTAGE=247-257 (10.0')

**Date Generated:** 08/20/1986      **By:** MGS

**DNR Storage Location:** 2 Q 2

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**Donor:** MGS

**Location:** 161-35-35

**Drill Core Donated:** DDH 1986-20, FOOTAGE=170.6-179.4 (8.8')

**Date Generated:** 09/10/1986      **By:** MGS

**DNR Storage Location:** 2 Q 1

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**Donor:** MGS

**Location:** 161-36-29

**Drill Core Donated:** DDH 1986-22, FOOTAGE=358.3-364.2 (5.9')

**Date Generated:** 08/15/1986      **By:** MGS

**DNR Storage Location:** 2 Q 2

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**Donor:** MGS

**Location:** 163-45-9

**Drill Core Donated:** DDH PL-1, FOOTAGE=395-401.5 (6.5')

**Date Generated:** 12/03/1981

**By:** Waste Management Board

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 27-24-24

**Drill Core Donated:** DDH B-1-B, FOOTAGE=39.5-49 (9.5')

**Date Generated:** 01/01/1940

**By:** NSP

**DNR Storage Location:** 2 Q 7

---

**Donor:** MGS

**Location:** 27-24-24

**Drill Core Donated:** DDH B-2-B, FOOTAGE=55-61 (6.0')

**Date Generated:** 01/01/1940

**By:** NSP

**DNR Storage Location:** 2 Q 7

---

**Donor:** MGS

**Location:** 27-24-24

**Drill Core Donated:** DDH B-3-B, FOOTAGE=60.3-66.3 (6.0')

**Date Generated:** 01/01/1940

**By:** NSP

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 27-24-24

**Drill Core Donated:** DDH B-4-B, FOOTAGE=59.7

**Date Generated:** 01/01/1940      **By:** NSP

**DNR Storage Location:** 2 Q 7

---

**Donor:** MGS

**Location:** 27-24-27

**Drill Core Donated:** DDH B-2-A, FOOTAGE=79.7-82 (2.3')

**Date Generated:** 01/01/1940      **By:** NSP

**DNR Storage Location:** 2 Q 7

---

**Donor:** MGS

**Location:** 27-24-27

**Drill Core Donated:** DDH B-3-A, FOOTAGE=?

**Date Generated:** 01/01/1940      **By:** NSP

**DNR Storage Location:** 2 Q 7

---

**Donor:** MGS

**Location:** 28-22-26

**Drill Core Donated:** DDH B-1-F, FOOTAGE=3-13 (10.0')

**Date Generated:** 11/07/1941      **By:** NSP

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 28-22-26

**Drill Core Donated:** DDH B-2-F, FOOTAGE=3.5-13.5 (10.0')

**Date Generated:** 11/07/1941      **By:** NSP

**DNR Storage Location:** 2 Q 7

---

**Donor:** MGS

**Location:** 28-22-26

**Drill Core Donated:** DDH B-3-F, FOOTAGE=4.6-14.6 (10.0')

**Date Generated:** 11/07/1941      **By:** NSP

**DNR Storage Location:** 2 Q 7

---

**Donor:** MGS

**Location:** 28-22-26

**Drill Core Donated:** DDH B-4-F, FOOTAGE=2-7 (5.0')

**Date Generated:** 11/07/1941      **By:** NSP

**DNR Storage Location:** 2 Q 7

---

**Donor:** MGS

**Location:** 29-24-23

**Drill Core Donated:** DDH B-3-C, FOOTAGE=17-19 (2.0')

**Date Generated:** 01/01/1940      **By:** NSP

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 29-24-23

**Drill Core Donated:** DDH B-2-C, FOOTAGE=16.4-16.5 (0.1')

**Date Generated:** 01/01/1940      **By:** NSP

**DNR Storage Location:** 2 Q 7

---

**Donor:** MGS

**Location:** 29-24-23

**Drill Core Donated:** DDH B-2-CCC, FOOTAGE=16.3-22.3 (6.0')

**Date Generated:** 01/01/1940      **By:** NSP

**DNR Storage Location:** 2 Q 7

---

**Donor:** MGS

**Location:** 29-24-23

**Drill Core Donated:** DDH B-1-C, FOOTAGE=?

**Date Generated:** 01/01/1940      **By:** NSP

**DNR Storage Location:** 2 Q 7

---

**Donor:** MGS

**Location:** 29-24-23

**Drill Core Donated:** DDH B-1-CCC, FOOTAGE=16-20.8 (4.8')

**Date Generated:** 01/01/1940      **By:** NSP

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 31-19-6

**Drill Core Donated:** DDH C-4, FOOTAGE=51.7-101 (43.3')

**Date Generated:** 02/16/1983

**By:** Soil Exploration Co.

**DNR Storage Location:** 11 J 1

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**Donor:** MGS

**Location:** 31-19-6

**Drill Core Donated:** DDH C-7, FOOTAGE=38.8-50.8 (12.0')

**Date Generated:** 02/17/1983

**By:** Soil Exploration Co.

**DNR Storage Location:** 11 J 1

---

**Donor:** MGS

**Location:** 42-29-2

**Drill Core Donated:** DDH P-12, FOOTAGE=78-84,225-235 (26.0')

**Date Generated:** 10/11/1983

**By:** MGS

**DNR Storage Location:** 2 Q 1

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**Donor:** MGS

**Location:** 42-29-3

**Drill Core Donated:** DDH P-11, FOOTAGE=138.5-148.5 (10.0')

**Date Generated:** 10/05/1983

**By:** MGS

**DNR Storage Location:** 2 Q 1

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**Donor:** MGS

**Location:** 42-30-1

**Drill Core Donated:** DDH P-9, FOOTAGE=229-239.2 (10.2')

**Date Generated:** 10/14/1983      **By:** MGS

**DNR Storage Location:** 2 Q 2

---

**Donor:** MGS

**Location:** 44-22-5

**Drill Core Donated:** DDH AB-10, FOOTAGE=80-94.5 (14.5')

**Date Generated:** 05/21/1984      **By:** MGS

**DNR Storage Location:** 2 Q 4

---

**Donor:** MGS

**Location:** 45-28-2

**Drill Core Donated:** DDH AB-24A, FOOTAGE=413-423 (10.0')

**Date Generated:** 06/07/1985      **By:** MGS

**DNR Storage Location:** 2 Q 3

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**Donor:** MGS

**Location:** 46-23-2

**Drill Core Donated:** DDH AB-9, FOOTAGE=67-77 (10.0')

**Date Generated:** 06/04/1984      **By:** MGS

**DNR Storage Location:** 2 Q 4

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**Donor:** MGS

**Location:** 46-24-13

**Drill Core Donated:** DDH PA-4B-3, FOOTAGE=44-49 (5.0')

**Date Generated:** 11/23/1981

**By:** Waste Management Board

**DNR Storage Location:** 2 Q 7

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**Donor:** MGS

**Location:** 46-26-9

**Drill Core Donated:** DDH AB-28, FOOTAGE=141-154.5 (5.0')

**Date Generated:** 05/15/1985

**By:** MGS

**DNR Storage Location:** 2 Q 3

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**Donor:** MGS

**Location:** 46-28-13

**Drill Core Donated:** DDH AB-22, FOOTAGE=208-217.7 (9.7')

**Date Generated:** 06/24/1985

**By:** MGS

**DNR Storage Location:** 2 Q 3

---

**Donor:** MGS

**Location:** 46-28-26

**Drill Core Donated:** DDH AB-23A, FOOTAGE=488-500 (12.0')

**Date Generated:** 06/19/1985

**By:** MGS

**DNR Storage Location:** 2 Q 3

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**Donor:** MGS

**Location:** 47-19-7

**Drill Core Donated:** DDH AB-2, FOOTAGE=93-103 (10.0')

**Date Generated:** 07/09/1984      **By:** MGS

**DNR Storage Location:** 2 Q 3

---

**Donor:** MGS

**Location:** 47-21-15

**Drill Core Donated:** DDH AB-4, FOOTAGE=154-164 (10.0')

**Date Generated:** 06/12/1984      **By:** MGS

**DNR Storage Location:** 2 Q 3

---

**Donor:** MGS

**Location:** 47-23-12

**Drill Core Donated:** DDH AB-8, FOOTAGE=192-202 (10.0')

**Date Generated:** 06/06/1984      **By:** MGS

**DNR Storage Location:** 2 Q 4

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**Donor:** MGS

**Location:** 47-26-19

**Drill Core Donated:** DDH AB-27, FOOTAGE=209-218.5 (9.5')

**Date Generated:** 05/20/1985      **By:** MGS

**DNR Storage Location:** 2 Q 3

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Donor: MGS

Location: 47-26-5

Drill Core Donated: DDH AB-25, FOOTAGE=418-427 (9.0')

Date Generated: 05/29/1985 By: MGS

DNR Storage Location: 2 Q 3

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Donor: MGS

Location: 48-19-18

Drill Core Donated: DDH AB-1, FOOTAGE=150.7-158.2 (7.5')

Date Generated: 06/13/1984 By: MGS

DNR Storage Location: 2 Q 3

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Donor: MGS

Location: 48-20-20

Drill Core Donated: DDH AB-3, FOOTAGE=216-226 (10.0')

Date Generated: 06/15/1984 By: MGS

DNR Storage Location: 2 Q 3

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Donor: MGS

Location: 48-21-29

Drill Core Donated: DDH AB-5, FOOTAGE=174-184 (10.0')

Date Generated: 06/08/1984 By: MGS

DNR Storage Location: 2 Q 4

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**Donor:** MGS

**Location:** 48-22-15

**Drill Core Donated:** DDH AB-6, FOOTAGE=195-202 (7.0')

**Date Generated:** 07/12/1984      **By:** MGS

**DNR Storage Location:** 2 Q 4

---

**Donor:** MGS

**Location:** 48-22-29

**Drill Core Donated:** DDH AB-12A, FOOTAGE=294-298.5 (4.5')

**Date Generated:** 07/18/1984      **By:** MGS

**DNR Storage Location:** 2 Q 3

---

**Donor:** MGS

**Location:** 49-23-26

**Drill Core Donated:** DDH AB-7, FOOTAGE=345-355 (10.0')

**Date Generated:** 05/31/1984      **By:** MGS

**DNR Storage Location:** 2 Q 4

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**Donor:** MGS

**Location:** 51-17-16

**Drill Core Donated:** DDH AB-17, FOOTAGE=186-194.5 (8.5')

**Date Generated:** 06/20/1984      **By:** MGS

**DNR Storage Location:** 2 Q 3

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**Donor:** MGS

**Location:** 53-19-32

**Drill Core Donated:** DDH AB-13A, FOOTAGE=141-148.5 (7.5')

**Date Generated:** 07/04/1984      **By:** MGS

**DNR Storage Location:** 2 Q 3

---

**Donor:** MGS

**Location:** 54-18-18

**Drill Core Donated:** DDH AB-16, FOOTAGE=128-138 (10.0')

**Date Generated:** 06/26/1984      **By:** MGS

**DNR Storage Location:** 2 Q 3

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**Donor:** MGS

**Location:** 55-18-6

**Drill Core Donated:** DDH AB-14A, FOOTAGE=82-92 (10.0')

**Date Generated:** 06/29/1984      **By:** MGS

**DNR Storage Location:** 2 Q 3

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**Donor:** MGS

**Location:** 55-20-14

**Drill Core Donated:** DDH AB-15, FOOTAGE=111-121 (10.0')

**Date Generated:** 06/27/1984      **By:** MGS

**DNR Storage Location:** 2 Q 3

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Donor: MGS

Location: 57-19-36

Drill Core Donated: DDH AB-11, FOOTAGE=94.5-104.5 (10.0')

Date Generated: 07/03/1984 By: MGS

DNR Storage Location: 2 Q 3

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Donor: MGS

Location: 58-16-32

Drill Core Donated: DDH P. G., FOOTAGE=121.2-149.1 (27.9')

Date Generated: By:

DNR Storage Location: 2 P 6

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Donor: MGS Location: 62-11-24

Drill Core Donated: DDH 32742, FOOTAGE=625-650 (25.0')

Date Generated: 01/29/1967 By: Inco

DNR Storage Location: 11 J 1

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Donor: MGS

Location: 62-11-25

Drill Core Donated: DDH 32744, FOOTAGE=860-872 (12.0')

Date Generated: By: Inco

DNR Storage Location: 11 J 1

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**Donor:** MGS

**Location:** 65-3-32

**Drill Core Donated:** DDH GF-4, FOOTAGE=0-1087 (1087')

**Date Generated:** 1969

**By:**

**DNR Storage Location:** 11 J 2-3

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**Donor:** MGS

**Location:** 65-3-34

**Drill Core Donated:** DDH GF-3, FOOTAGE=0-1917 (1859')

**Date Generated:** 1969

**By:**

**DNR Storage Location:** 2 P 6

---

**Donor:** MGS

**Location:** 65-3-34

**Drill Core Donated:** DDH GF-5, FOOTAGE=0-784 (784')

**Date Generated:** 1969

**By:**

**DNR Storage Location:** 11 J 2

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**Donor:** MGS

**Location:** 65-4-25

**Drill Core Donated:** DDH GF-11, FOOTAGE=0-1393 (1393')

**Date Generated:** 1969

**By:**

**DNR Storage Location:** 2 Q 6

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**Donor:** MGS

**Location:** 65-4-25

**Drill Core Donated:** DDH GF-6, FOOTAGE=246-294 (48')

**Date Generated:** 1969

**By:**

**DNR Storage Location:** 11 J 2

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**Donor:** MGS

**Location:** 65-4-27

**Drill Core Donated:** DDH GF-7, FOOTAGE=65-1032 (967')

**Date Generated:** 1969

**By:**

**DNR Storage Location:** 11 J 3-4

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**Donor:** MGS

**Location:** 65-4-28

**Drill Core Donated:** DDH GF-10, FOOTAGE=0-600 (600')

**Date Generated:** 1969

**By:**

**DNR Storage Location:** 11 J 2

---

**Donor:** MGS

**Location:** 67-21-16

**Drill Core Donated:** DDH PLC-1, FOOTAGE=39-352 (313.0')

**Date Generated:** 11/01/1983

**By:** Waste Management Board

**DNR Storage Location:** 2 P 8, 2 Q 1

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**Donor:** MGS

**Location:** 67-21-16

**Drill Core Donated:** DDH PLC-3, FOOTAGE=0-503.8 (503.8')

**Date Generated:** 11/08/1983

**By:** Waste Management Board

**DNR Storage Location:** 2 P 8

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**Donor:** MGS

**Location:** 67-21-9

**Drill Core Donated:** DDH PLC-2, FOOTAGE=.3-253 (252.7')

**Date Generated:** 11/01/1983

**By:** Waste Management Board

**DNR Storage Location:** 2 P 7

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**Donor:** Newmont

**Location:** 60-12-10

**Drill Core Donated:** DDH DR-2, FOOTAGE=100-2447 (2347')

**Date Generated:**

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 60-12-10

**Drill Core Donated:** DDH NM-24, FOOTAGE=71-373,638-657 (321')

**Date Generated:** 3/69

**By:** Newmont

**DNR Storage Location:** Leonidas

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**Donor:** Newmont

**Location:** 60-12-10

**Drill Core Donated:** DDH NM-45, FOOTAGE=89-280 (191')

**Date Generated:** 5/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 60-12-10

**Drill Core Donated:** DDH NM-46, FOOTAGE=3-400 (397')

**Date Generated:** 5/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 60-12-2

**Drill Core Donated:** DDH Ely-5, FOOTAGE=9-2448 (2439')

**Date Generated:**

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 60-12-2

**Drill Core Donated:** DDH Ely-6, FOOTAGE=10-1545 (1535')

**Date Generated:**

**By:** Newmont

**DNR Storage Location:** Leonidas

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**Donor:** Newmont

**Location:** 60-12-2

**Drill Core Donated:** DDH Ely-7, FOOTAGE=10-2304 (2294')

**Date Generated:**

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 60-12-2

**Drill Core Donated:** DDH Ely-8, FOOTAGE=10-246 (236')

**Date Generated:**

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 60-12-2

**Drill Core Donated:** DDH Ely-9, FOOTAGE=9.5-1886 (1876.5')

**Date Generated:**

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 60-12-2

**Drill Core Donated:** DDH Ely-10, FOOTAGE=20-1622 (1602')

**Date Generated:**

**By:** Newmont

**DNR Storage Location:** Leonidas

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**Donor:** Newmont

**Location:** 60-12-2

**Drill Core Donated:** DDH Ely-11, FOOTAGE=20-1542 (1522')

**Date Generated:**

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 60-12-2

**Drill Core Donated:** DDH NM-33, FOOTAGE=17-398 (381')

**Date Generated:** 4/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 60-12-2

**Drill Core Donated:** DDH NM-34, FOOTAGE=9-287 (278')

**Date Generated:** 4/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 60-12-2

**Drill Core Donated:** DDH NM-35, FOOTAGE=4-307 (303')

**Date Generated:** 4/69

**By:** Newmont

**DNR Storage Location:** Leonidas

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**Donor:** Newmont

**Location:** 60-12-2

**Drill Core Donated:** DDH NM-36, FOOTAGE=6-325 (319')

**Date Generated:** 4/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 60-12-2

**Drill Core Donated:** DDH NM-41, FOOTAGE=2-228 (226')

**Date Generated:** 4/69

**By:** Newmont

**DNR Storage Location:** Leonidas

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**Donor:** Newmont

**Location:** 60-12-2

**Drill Core Donated:** DDH NM-42, FOOTAGE=18-720 (703')

**Date Generated:** 5/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 60-12-2

**Drill Core Donated:** DDH NM-43, FOOTAGE=0-1118 (1118')

**Date Generated:** 5/69

**By:** Newmont

**DNR Storage Location:** Leonidas

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**Donor:** Newmont

**Location:** 60-12-2

**Drill Core Donated:** DDH NM-44, FOOTAGE=10-400 (390')

**Date Generated:** 5/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 60-12-2

**Drill Core Donated:** DDH NM-48, FOOTAGE=16-400 (384')

**Date Generated:** 5/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 60-12-3

**Drill Core Donated:** DDH NM-60, FOOTAGE=17-543 (526')

**Date Generated:** 12/68

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-26

**Drill Core Donated:** DDH DR-8012, FOOTAGE=119-149 (30')

**Date Generated:**

**By:** Newmont

**DNR Storage Location:** Leonidas

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**Donor:** Newmont

**Location:** 61-12-26

**Drill Core Donated:** DDH DR-8032, FOOTAGE=20-81 (61')

**Date Generated:**

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-26

**Drill Core Donated:** DDH DR-8070, FOOTAGE=16-191 (153')

**Date Generated:**

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-26

**Drill Core Donated:** DDH NM-23, FOOTAGE=5-703 (698')

**Date Generated:** 3/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-26

**Drill Core Donated:** DDH NM-50, FOOTAGE=3-466 (463')

**Date Generated:** 12/68

**By:** Newmont

**DNR Storage Location:** Leonidas

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**Donor:** Newmont

**Location:** 61-12-26

**Drill Core Donated:** DDH NM-51, FOOTAGE=9-401 (392')

**Date Generated:** 12/68

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-26

**Drill Core Donated:** DDH NM-52, FOOTAGE=6-227 (221')

**Date Generated:** 1/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-26

**Drill Core Donated:** DDH NM-53, FOOTAGE=13-768 (755')

**Date Generated:** 1/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-26

**Drill Core Donated:** DDH NM-54, FOOTAGE=3-586 (583')

**Date Generated:** 1/69

**By:** Newmont

**DNR Storage Location:** Leonidas

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**Donor:** Newmont

**Location:** 61-12-26

**Drill Core Donated:** DDH NM-55, FOOTAGE=10-578 (568')

**Date Generated:** 2/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-26

**Drill Core Donated:** DDH NM-56, FOOTAGE=12-718 (706')

**Date Generated:** 2/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-26

**Drill Core Donated:** DDH NM-57, FOOTAGE=4-1024 (1020')

**Date Generated:** 2/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-26

**Drill Core Donated:** DDH NM-58, FOOTAGE=5-978 (973')

**Date Generated:** 2/69

**By:** Newmont

**DNR Storage Location:** Leonidas

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**Donor:** Newmont

**Location:** 61-12-26

**Drill Core Donated:** DDH NM-59, FOOTAGE=12-828 (816')

**Date Generated:** 2/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-26

**Drill Core Donated:** DDH NM-61, FOOTAGE=1-243,332-400 (310')

**Date Generated:** 5/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-26

**Drill Core Donated:** DDH NM-62, FOOTAGE=3-400 (397')

**Date Generated:** 5/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-26

**Drill Core Donated:** DDH NM-63, FOOTAGE=0-392 (392')

**Date Generated:** 5/69

**By:** Newmont

**DNR Storage Location:** Leonidas

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**Donor:** Newmont

**Location:** 61-12-26

**Drill Core Donated:** DDH NM-64, FOOTAGE=2-213 (211')

**Date Generated:** 5/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-35

**Drill Core Donated:** DDH NM-14, FOOTAGE=0-812 (812')

**Date Generated:** 2/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-35

**Drill Core Donated:** DDH NM-15, FOOTAGE=3-745 (742')

**Date Generated:** 2/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-35

**Drill Core Donated:** DDH NM-16, FOOTAGE=0-754 (754')

**Date Generated:** 2/69

**By:** Newmont

**DNR Storage Location:** Leonidas

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**Donor:** Newmont

**Location:** 61-12-35

**Drill Core Donated:** DDH NM-17, FOOTAGE=28-757 (729')

**Date Generated:** 1/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-35

**Drill Core Donated:** DDH NM-18, FOOTAGE=11-169,414-548 (292')

**Date Generated:** 3/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-35

**Drill Core Donated:** DDH NM-19, FOOTAGE=15-614 (599')

**Date Generated:** 3/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-35

**Drill Core Donated:** DDH NM-20, FOOTAGE=15-614 (599')

**Date Generated:** 3/69

**By:** Newmont

**DNR Storage Location:** Leonidas

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---

**Donor:** Newmont

**Location:** 61-12-35

**Drill Core Donated:** DDH NM-21, FOOTAGE=14-617,802-917 (718')

**Date Generated:** 3/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-35

**Drill Core Donated:** DDH NM-22, FOOTAGE=9-691 (682')

**Date Generated:** 11/68

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-35

**Drill Core Donated:** DDH NM-25, FOOTAGE=20-847.5 (827.5')

**Date Generated:** 3/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-35

**Drill Core Donated:** DDH NM-26, FOOTAGE=17-680,763-906 (806')

**Date Generated:** 4/69

**By:** Newmont

**DNR Storage Location:** Leonidas

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**Donor:** Newmont

**Location:** 61-12-35

**Drill Core Donated:** DDH NM-28, FOOTAGE=22-513 (491')

**Date Generated:** 4/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-35

**Drill Core Donated:** DDH NM-29, FOOTAGE=18-400 (382')

**Date Generated:** 4/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-35

**Drill Core Donated:** DDH NM-30, FOOTAGE=18-400 (382')

**Date Generated:** 4/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-35

**Drill Core Donated:** DDH NM-31, FOOTAGE=47-163 (116')

**Date Generated:** 4/69

**By:** Newmont

**DNR Storage Location:** Leonidas

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**Donor:** Newmont

**Location:** 61-12-35

**Drill Core Donated:** DDH NM-32, FOOTAGE=10-298 (288')

**Date Generated:** 4/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-35

**Drill Core Donated:** DDH NM-37, FOOTAGE=0-812 (812')

**Date Generated:** 4/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-35

**Drill Core Donated:** DDH NM-38, FOOTAGE=8-456 (448')

**Date Generated:** 12/68

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-35

**Drill Core Donated:** DDH NM-39, FOOTAGE=10-147 (137')

**Date Generated:** 5/69

**By:** Newmont

**DNR Storage Location:** Leonidas

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---

**Donor:** Newmont

**Location:** 61-12-35

**Drill Core Donated:** DDH NM-47, FOOTAGE=6-386.5 (380.5')

**Date Generated:** 12/68

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Newmont

**Location:** 61-12-36

**Drill Core Donated:** DDH NM-13, FOOTAGE=314-378,418-659 (305')

**Date Generated:** 2/69

**By:** Newmont

**DNR Storage Location:** Leonidas

---

**Donor:** Oglebay Norton

**Location:** 64-1E-13

**Drill Core Donated:** DDH GF-8 (ON-8), FOOTAGE=12-4486 (4474')

**Data Donated:** DDH log, location map, X-sections.

**Date Generated:** 1975

**By:** Oglebay Norton

**DNR Storage Location:** 11 J 4-8, assessment files (64-1E-13 #1)

---

**Donor:** Oglebay Norton

**Location:** 64-2E-15

**Drill Core Donated:** DDH ON-7 (GF-7), FOOTAGE=6-1285 (1279')

**Data Donated:** DDH log, location map, X-sections.

**Date Generated:** 1974

**By:** Oglebay Norton

**DNR Storage Location:** 2 P 3-4, assessment files (64-2E-15 #1)

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**Donor:** Oglebay Norton

**Location:** 65-3-34

**Drill Core Donated:** DDH ON-6 (GF-3), FOOTAGE=1909-3696 (1787')

**Data Donated:** Log, location map, X-sections, Fe-analysis,  
magnetic concentration tests.

**Date Generated:** 1975

**By:** Oglebay Norton

**DNR Storage Location:** 2 M 1-2, assessment files (65-3-34 #2)

---

**Donor:** Oglebay Norton

**Location:** 65-4-25

**Drill Core Donated:** DDH GF-11 (ON-5), FOOTAGE=1393-1854 (461')

**Data Donated:** Log, location map, X-sections, Fe-analysis,  
magnetic concentration tests.

**Date Generated:** 1973

**By:** Oglebay Norton

**DNR Storage Location:** 2 P 5, assessment files (65-4-25 #1)

---

**Donor:** Oglebay Norton

**Location:** 65-4-27

**Data Donated:** Location map, X-sections, mag profile DDH PM-1.

**Date Generated:** 1973

**By:** Oglebay Norton

**DNR Storage Location:** Assessment files (65-4-27 #2)

---

**Donor:** Oglebay Norton

**Location:** 65-4-28

**Drill Core Donated:** DDH ON-1, FOOTAGE=4-510 (506')

**Data Donated:** DDH log, location map, X-sections, mag profile,  
mag concentration tests.

**Date Generated:** 1973

**By:** Oglebay Norton

**DNR Storage Location:** 2 M 2, assessment files (65-4-28 #1)

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**Donor:** Oglebay Norton

**Location:** 65-4-28

**Drill Core Donated:** DDH ON-2, FOOTAGE=4-850 (846')

**Data Donated:** DDH log, location map, X-sections, mag profile,  
mag concentration tests.

**Date Generated:** 1973

**By:** Oglebay Norton

**DNR Storage Location:** 2 M 2-3, assessment files (65-4-28 #1)

---

**Donor:** Oglebay Norton

**Location:** 65-4-29

**Drill Core Donated:** DDH ON-3, FOOTAGE=7-574 (567')

**Data Donated:** DDH log, location map, X-sections, mag profile,  
mag concentration tests.

**Date Generated:** 1973

**By:** Oglebay Norton

**DNR Storage Location:** 2 P 5-6, assessment files (65-4-29 #1)

---

**Donor:** Oglebay Norton

**Location:** 65-4-29

**Drill Core Donated:** DDH ON-4, FOOTAGE=8-731 (723')

**Data Donated:** DDH log, location map, X-sections, mag profile,  
mag concentration tests.

**Date Generated:** 1973

**By:** Oglebay Norton

**DNR Storage Location:** 2 P 4-5, assessment files (65-4-29 #1)

---

**Donor:** Paramount

**Location:** 103-10

**Data Donated:** Minnesota Project (Area 4): geophysics.

**Date Generated:** 1962

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (103-10-0 #1)

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**Donor:** Paramount

**Location:** 103-38

**Data Donated:** Brewster Anomaly: grid map, geophysical maps, geophophysical report with gravity and magnetics.

**Date Generated:** 1964

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (103-38-0 #1)

---

**Donor:** Paramount

**Location:** 103-39

**Data Donated:** Brewster Anomaly: geophysics.

**Date Generated:** 1964

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (103-39-0 #1)

---

**Donor:** Paramount

**Location:** 103-9

**Data Donated:** Minnesota Project (Area 4): exploration report with logs, X-section, maps, gravity & magnetic data, core samples & geochemical analysis.

**Date Generated:** 1962

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (103-9-0 #1)

---

**Donor:** Paramount

**Location:** 104-38

**Data Donated:** Brewster Anomaly: geophysics.

**Date Generated:** 1964

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (104-38-0 #1)

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---

**Donor:** Paramount

**Location:** 104-39

**Data Donated:** Brewster Anomaly: geophysics.

**Date Generated:** 1964

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (104-39-0 #1)

---

**Donor:** Paramount

**Location:** 104-8

**Data Donated:** Minnesota Project (Area 4): geophysics.

**Date Generated:** 1962

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (104-8-0 #1)

---

**Donor:** Paramount

**Location:** 104-9

**Data Donated:** Minnesota Project (Area 4): geophysics.

**Date Generated:** 1962

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (104-9-0 #1)

---

**Donor:** Paramount

**Location:** 104-9-25

**Data Donated:** Geophysics, DDH log, drill X-section, location  
map, Fe analysis.

**Date Generated:** 1962

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (104-9-25 #1)

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**Donor:** Paramount

**Location:** 112-34-3

**Data Donated:** Kaolin Evaluation: exploration report, electron micrograph, x-ray diffraction results.

**Date Generated:** 1966

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (112-34-3 #1)

---

**Donor:** Paramount

**Location:** 112-35-2

**Data Donated:** Kaolin Evaluation: exploration report, electron micrograph, x-ray diffraction results.

**Date Generated:** 1966

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (112-35-2 #1)

---

**Donor:** Paramount

**Location:** 112-46

**Data Donated:** Hendricks Anomaly: contour maps, geophysical report with gravity, magnetics, and seismic data.

**Date Generated:** 1965

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (112-46-0 #1)

---

**Donor:** Paramount

**Location:** 113-35-35

**Data Donated:** Kaolin Evaluation: exploration report, electron micrograph, x-ray diffraction results.

**Date Generated:** 1966

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (113-35-35 #1)

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**Donor:** Paramount

**Location:** 113-44

**Data Donated:** Hendricks Anomaly: geophysics.

**Date Generated:** 1965

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (113-44-0 #1)

---

**Donor:** Paramount

**Location:** 113-45

**Data Donated:** Hendricks Anomaly: geophysics.

**Date Generated:** 1965

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (113-45-0 #1)

---

**Donor:** Paramount

**Location:** 113-46

**Data Donated:** Hendricks Anomaly: geophysics.

**Date Generated:** 1965

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (113-46-0 #1)

---

**Donor:** Paramount

**Location:** 129-47

**Data Donated:** Boisberg Anomaly: geophysics.

**Date Generated:** 1964

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (129-47-0 #2)

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**Donor:** Paramount

**Location:** 129-47-11

**Data Donated:** Boisberg Anomaly: geophysics, Fe analysis,  
DDH log, location map, and X-section.

**Date Generated:** 1967

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (129-47-11 #1)

---

**Donor:** Paramount

**Location:** 129-47-9

**Data Donated:** Boisberg Anomaly: geophysics, Fe analysis,  
DDH log, location map, and X-section.

**Date Generated:** 1964

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (129-47-9 #1)

---

**Donor:** Paramount

**Location:** 134-38

**Data Donated:** Rush Lake Traverse: geophysics.

**Date Generated:** 1965

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (134-38-0 #2)

---

**Donor:** Paramount

**Location:** 135-38

**Data Donated:** Rush Lake Traverse: exploration report with  
X-section, grid map, geophysical report with  
gravity and magnetics.

**Date Generated:** 1965

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (135-38-0 #2)

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**Donor:** Paramount

**Location:** 142-32

**Data Donated:** LaPorte Traverse: exploration report with  
X-section, grid map, geophysical report with  
gravity and magnetics.

**Date Generated:** 1965

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (142-32-0 #2)

---

**Donor:** Paramount

**Location:** 45-28

**Data Donated:** South Cuyuna Range Traverse: geophysics.

**Date Generated:** 1965

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (45-28-0 #1)

---

**Donor:** Paramount

**Location:** 46-28

**Data Donated:** South Cuyuna Range Traverse: exploration report  
with map, X-section, and geophysics.

**Date Generated:** 1965

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (46-28-0 #2)

---

**Donor:** Paramount

**Location:** 51-65,5E-15W

**Data Donated:** Airborne geophysical survey over Duluth Complex.

**Date Generated:** 1967

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (51-14-0 #1)

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**Donor:** Paramount

**Location:** 57-14-28

**Data Donated:** St. Louis Valley Ilmenite Investigation:  
exploration report with DDH log, X-section, maps,  
ore estimate, and petrographic descriptions.

**Date Generated:** 1975

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (57-14-28 #2A)

---

**Donor:** Paramount

**Location:** 57-14-28

**Data Donated:** St. Louis Valley Ilmenite Investigation:  
exploration report with maps, and geophysical  
report with data.

**Date Generated:** 1975

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (57-14-28 #2B)

---

**Donor:** Paramount

**Location:** 58-14-21

**Data Donated:** Geophysical report with gravity, EM, and grid map.

**Date Generated:** 1975

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (58-14-21 #4)

---

**Donor:** Paramount

**Location:** 58-14-22

**Data Donated:** Ilmenite Project, Grid A: exploration report with  
log and grid map, geophysical report with data,  
geochemical analyses for Cu-Ni.

**Date Generated:** 1975

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (58-14-22 #2)

---

---

**Donor:** Paramount

**Location:** 58-14-23

**Data Donated:** Partridge River Grid: grid map and EM profile.

**Date Generated:** 1975

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (58-14-23 #1)

---

**Donor:** Paramount

**Location:** 58-14-27

**Data Donated:** Ilmenite Project, Grid A: exploration report  
with grid map, geophysical report with data.

**Date Generated:** 1975

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (58-14-27 #1)

---

**Donor:** Paramount

**Location:** 58-14-28

**Data Donated:** Geophysical report with gravity and EM, grid map.

**Date Generated:** 1975

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (58-14-28 #3)

---

**Donor:** Paramount

**Location:** 58-14-29

**Data Donated:** Geophysical report with gravity and EM, grid map.

**Date Generated:** 1975

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (58-14-29 #3)

---



---

**Donor:** Paramount

**Location:** 58-19

**Data Donated:** Central Mesabi Range Traverse: exploration report with X-section, grid map, geophysical report with gravity and magnetic data.

**Date Generated:** 1965

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (58-19-0 #1)

---

**Donor:** Paramount

**Location:** 59-11

**Data Donated:** Lake County area: geophysics (EM, IP, magnetics), petrographic descriptions, and report.

**Date Generated:** 1970

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (61-10-0 #1)

---

**Donor:** Paramount

**Location:** 59-13-1

**Data Donated:** Dunka Road: EM and IP survey.

**Date Generated:** 1970

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (59-13-1 #2)

---

**Donor:** Paramount

**Location:** 59-13-12

**Data Donated:** Dunka Road: EM and IP survey.

**Date Generated:** 1970

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (59-13-12 #1)

---

---

**Donor:** Paramount

**Location:** 59-13-19

**Data Donated:** Longear Grid: exploration report with grid map,  
gravity contours, geophysical report with data.

**Date Generated:** 1974

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (59-13-19 #2)

---

**Donor:** Paramount

**Location:** 59-13-30

**Data Donated:** Long Nose Grid: exploration report with X-section,  
maps, geophysical report with data.

**Date Generated:** 1974

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (59-13-30 #3)

---

**Donor:** Paramount

**Location:** 60-10

**Data Donated:** Lake County area: geophysics (EM, IP, magnetics),  
petrographic descriptions, and report.

**Date Generated:** 1970

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (61-10-0 #1)

---

**Donor:** Paramount

**Location:** 60-11

**Data Donated:** Lake County area: geophysics (EM, IP, magnetics),  
petrographic descriptions, and report.

**Date Generated:** 1970

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (61-10-0 #1)

---

---

**Donor:** Paramount

**Location:** 61-10

**Data Donated:** Lake County area: geophysics (EM, IP, magnetics),  
petrographic descriptions, and report.

**Date Generated:** 1970

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (61-10-0 #1)

---

**Donor:** Paramount

**Location:** 61-11-18

**Data Donated:** Birch Lake Area: IP survey.

**Date Generated:** 1967

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (62-11-0 #1)

---

**Donor:** Paramount

**Location:** 61-11-24

**Data Donated:** Harris Lake Project: grid map and EM profile.

**Date Generated:** 1974(?)

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (61-11-24 #1)

---

**Donor:** Paramount

**Location:** 61-12-13

**Data Donated:** Birch Lake Area: IP survey.

**Date Generated:** 1967

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (62-11-0 #1)

---

---

**Donor:** Paramount

**Location:** 62-10

**Data Donated:** Magnetite-Ilmenite prospects data.

**Date Generated:** 1945

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (62-10-0 #1)

---

**Donor:** Paramount

**Location:** 62-11

**Data Donated:** Birch Lake Area: IP survey.

**Date Generated:** 1967

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (62-11-0 #1)

---

**Donor:** Paramount

**Location:** 62-12

**Data Donated:** Vermilion District: geophysics, geologic maps,  
field maps, and report.

**Date Generated:** 1970

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-12-0 #5)

---

**Donor:** Paramount

**Location:** 62-13

**Data Donated:** Vermilion District: geophysics, geologic maps,  
field maps, and report.

**Date Generated:** 1970

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-12-0 #5)

---

---

**Donor:** Paramount

**Location:** 62-14

**Data Donated:** Vermilion District: geophysics, geologic maps,  
field maps, and report.

**Date Generated:** 1970

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-12-0 #5)

---

**Donor:** Paramount

**Location:** 62-15

**Data Donated:** Vermilion District: geophysics, geologic maps,  
field maps, and report.

**Date Generated:** 1970

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-12-0 #5)

---

**Donor:** Paramount

**Location:** 62-2E

**Data Donated:** Cook County area: DDH logs and chemistry,  
outcrop maps, soil sample geochemistry,  
airborne EM, IP, gravity and magnetic data.

**Date Generated:** 1969

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-3-0 #1)

---

**Donor:** Paramount

**Location:** 62-3E

**Data Donated:** Cook County area: DDH logs and chemistry,  
outcrop maps, soil sample geochemistry,  
airborne EM, IP, gravity and magnetic data.

**Date Generated:** 1969

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-3-0 #1)

---

---

**Donor:** Paramount

**Location:** 62-4E

**Data Donated:** Cook County area: DDH logs and chemistry,  
outcrop maps, soil sample geochemistry,  
airborne EM, IP, gravity and magnetic data.

**Date Generated:** 1969

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-3-0 #1)

---

**Donor:** Paramount

**Location:** 63-1

**Data Donated:** Cook County area: DDH logs and chemistry,  
outcrop maps, soil sample geochemistry,  
airborne EM, IP, gravity and magnetic data.

**Date Generated:** 1969

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-3-0 #1)

---

**Donor:** Paramount

**Location:** 63-10

**Data Donated:** Magnetite-Ilmenite prospects data.

**Date Generated:** 1945

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (62-10-0 #1)

---

**Donor:** Paramount

**Location:** 63-11

**Data Donated:** Vermilion District: geophysics, geologic maps,  
field maps, and report.

**Date Generated:** 1970

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-12-0 #5)

---

---

**Donor:** Paramount

**Location:** 63-12

**Data Donated:** Vermilion District: geophysics, geologic maps,  
field maps, and report.

**Date Generated:** 1970

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-12-0 #5)

---

**Donor:** Paramount

**Location:** 63-12-30

**Data Donated:** Raspberry Project: grid map, geophysical report  
with gravity & EM data.

**Date Generated:** 1976

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-12-30 #7)

---

**Donor:** Paramount

**Location:** 63-12-31

**Data Donated:** Raspberry Project: grid map, geophysical report  
with gravity & EM data.

**Date Generated:** 1976

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-12-31 #5)

---

**Donor:** Paramount

**Location:** 63-13

**Data Donated:** Vermilion District: geophysics, geologic maps,  
field maps, and report.

**Date Generated:** 1970

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-12-0 #5)

---

---

**Donor:** Paramount

**Location:** 63-13-25

**Data Donated:** Raspberry Project: grid map, geophysical report  
with gravity & EM data.

**Date Generated:** 1976

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-13-25 #9)

---

**Donor:** Paramount

**Location:** 63-13-36

**Data Donated:** Raspberry Project: grid map, geophysical report  
with gravity & EM data.

**Date Generated:** 1976

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-13-36 #5)

---

**Donor:** Paramount

**Location:** 63-14

**Data Donated:** Vermilion District: geophysics, geologic maps,  
field maps, and report.

**Date Generated:** 1970

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-12-0 #5)

---

**Donor:** Paramount

**Location:** 63-1E

**Data Donated:** Cook County area: DDH logs and chemistry,  
outcrop maps, soil sample geochemistry,  
airborne EM, IP, gravity and magnetic data.

**Date Generated:** 1969

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-3-0 #1)

---



---

**Donor:** Paramount

**Location:** 63-2

**Data Donated:** Cook County area: DDH logs and chemistry,  
outcrop maps, soil sample geochemistry,  
airborne EM, IP, gravity and magnetic data.

**Date Generated:** 1969

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-3-0 #1)

---

**Donor:** Paramount

**Location:** 63-2E

**Data Donated:** Cook County area: DDH logs and chemistry,  
outcrop maps, soil sample geochemistry,  
airborne EM, IP, gravity and magnetic data.

**Date Generated:** 1969

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-3-0 #1)

---

**Donor:** Paramount

**Location:** 63-3

**Data Donated:** Cook County area: DDH logs and chemistry,  
outcrop maps, soil sample geochemistry,  
airborne EM, IP, gravity and magnetic data.

**Date Generated:** 1969

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-3-0 #1)

---

**Donor:** Paramount

**Location:** 63-3E

**Data Donated:** Cook County area: DDH logs and chemistry,  
outcrop maps, soil sample geochemistry,  
airborne EM, IP, gravity and magnetic data.

**Date Generated:** 1969

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-3-0 #1)

---

---

**Donor:** Paramount

**Location:** 63-3E-15

**Data Donated:** McFarland Lake: IP survey.

**Date Generated:** 1968

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-3E-15 #1)

---

**Donor:** Paramount

**Location:** 63-4

**Data Donated:** Magnetite-Ilmenite prospects data.

**Date Generated:** 1945

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (62-10-0 #1)

---

**Donor:** Paramount

**Location:** 63-9

**Data Donated:** Magnetite-Ilmenite prospects data.

**Date Generated:** 1945

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (62-10-0 #1)

---

**Donor:** Paramount

**Location:** 64-1

**Data Donated:** Northern Cook County area: magnetic and EM survey.

**Date Generated:** 1970

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (64-1-0 #2)

---

---

**Donor:** Paramount

**Location:** 64-12

**Data Donated:** Vermilion District: geophysics, geologic maps,  
field maps, and report.

**Date Generated:** 1970

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (63-12-0 #5)

---

**Donor:** Paramount

**Location:** 64-2

**Data Donated:** Magnetite-Ilmenite prospects data.

**Date Generated:** 1945

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (62-10-0 #1)

---

**Donor:** Paramount

**Location:** 64-3

**Data Donated:** Magnetite-Ilmenite prospects data.

**Date Generated:** 1945

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (62-10-0 #1)

---

**Donor:** Paramount

**Location:** 64-3E-10

**Data Donated:** McFarland Lake: IP survey.

**Date Generated:** 1968

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (64-3E-10 #1)

---

---

**Donor:** Paramount

**Location:** 64-4

**Data Donated:** Magnetite-Ilmenite prospects data.

**Date Generated:** 1945

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (62-10-0 #1)

---

**Donor:** Paramount

**Location:** 64-5

**Data Donated:** Magnetite-Ilmenite prospects data.

**Date Generated:** 1945

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (62-10-0 #1)

---

**Donor:** Paramount

**Location:** 64-6

**Data Donated:** Magnetite-Ilmenite prospects data.

**Date Generated:** 1945

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (62-10-0 #1)

---

**Donor:** Paramount

**Location:** 64-7

**Data Donated:** Magnetite-Ilmenite prospects data.

**Date Generated:** 1945

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (62-10-0 #1)

---

---

**Donor:** Paramount

**Location:** 65-1

**Data Donated:** Northern Cook County area: magnetic and EM survey.

**Date Generated:** 1970

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (64-1-0 #2)

---

**Donor:** Paramount

**Location:** 65-2

**Data Donated:** Northern Cook County area: magnetic and EM survey.

**Date Generated:** 1970

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (64-1-0 #2)

---

**Donor:** Paramount

**Location:** 65-3

**Data Donated:** Northern Cook County area: magnetic and EM survey.

**Date Generated:** 1970

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (64-1-0 #2)

---

**Donor:** Paramount

**Location:** 65-4

**Data Donated:** Northern Cook County area: magnetic and EM survey.

**Date Generated:** 1970

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (64-1-0 #2)

---

---

**Donor:** Paramount

**Location:** 65-5

**Data Donated:** Magnetite-Ilmenite prospects data.

**Date Generated:** 1945

**By:** New Jersey Zinc

**DNR Storage Location:** Assessment files (62-10-0 #1)

---

**Donor:** USX

**Location:** 130,131-30

**Data Donated:** Exploration in Randall area: Sec 6 T130N R30W  
and Sec 31 T131N R30W (6 sheets).

**Date Generated:** 1948

**By:** Pickands Mather(?)

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 130,131-30,31

**Data Donated:** Exploration in vicinity of Randall, Morrison Co.:  
T130,131N R30,31W.

**Date Generated:** 1943(?)

**By:** unknown

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 130,131-30,31

**Data Donated:** Magnetic readings in the vicinity of Randall:  
T130,131N R30,31W.

**Date Generated:** 1906

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A17

---

---

**Donor:** USX

**Location:** 130-30-6

**Data Donated:** Freeman Property: lab report.

**Date Generated:** 1954

**By:** US Steel

**DNR Storage Location:** Assessment files (130-30-6 #1)

---

**Donor:** USX

**Location:** 130-30-6

**Data Donated:** Exploration in Freeman area: Sec 6 T130N R30W.

**Date Generated:** ca 1950

**By:** Iron Range Mining Co.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 130-30-6

**Data Donated:** Exploration on SW1/4 Sec 6 T130N R30W (2 sheets).

**Date Generated:** 1952

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 131-30-31

**Data Donated:** Lab report: Sec 31 T131N R30W.

**Date Generated:** 1951

**By:** US Steel

**DNR Storage Location:** Assessment files (131-30-31 #1)

---

---

**Donor:** USX

**Location:** 131-30-31

**Data Donated:** Exploration on Gorman property: Sec 31 T131N R30W  
(6 sheets).

**Date Generated:** ca 1950      **By:** unknown

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 131-30-31

**Data Donated:** Exploration on Sec 31 T131N R30W.

**Date Generated:** 1931      **By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 131-30-31

**Data Donated:** Exploration on Sec 31 T131N R30W.

**Date Generated:** 1914      **By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 132-29

**Data Donated:** Exploration on T44N R32W and T132N R29W.

**Date Generated:** 1914      **By:** unknown

**DNR Storage Location:** Map drawer A17

---



---

**Donor:** USX

**Location:** 132-32-5

**Data Donated:** Plat showing proposed open-pit development  
and 3 X-sections Sec 5 T132N R32W and  
Sec 32 T133N R32W (4 sheets).

**Date Generated:** 1956

**By:** J. Wolff

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 133-32-32

**Data Donated:** Plat showing proposed open-pit development  
and 3 X-sections Sec 5 T132N R32W and  
Sec 32 T133N R32W (4 sheets).

**Date Generated:** 1956

**By:** J. Wolff

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 134-27

**Data Donated:** Spider Lake area: contracts and memos regarding  
lands offered for sale T135N R27W and T134N R27W.

**Date Generated:** 1930

**By:** unknown

**DNR Storage Location:** Assessment files (134-27-0 #2)

---

**Donor:** USX

**Location:** 134-27

**Data Donated:** Spider Lake area: contracts and memos regarding  
lands offered for sale.

**Date Generated:** 1930

**By:** unknown

**DNR Storage Location:** Map drawer A8

---

---

**Donor:** USX

**Location:** 134-27-0

**Data Donated:** Spider Lake area: geophysics.

**Date Generated:** 1930

**By:** US Steel

**DNR Storage Location:** Assessment files (134-27-0 #2)

---

**Donor:** USX

**Location:** 134-27-4

**Data Donated:** Exploration on Sec 4 T134N R27W.

**Date Generated:** 1912

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 134-28-11

**Data Donated:** Exploration on Sec 11 T134N R28W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 134-28-12

**Data Donated:** Exploration on Sec 12 T134N R28W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

---

**Donor:** USX

**Location:** 134-28-14

**Data Donated:** Exploration on Sec 14 T134N R28W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 134-28-22

**Data Donated:** Exploration on Sec 22 T134N R28W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 134-28-23

**Data Donated:** Exploration on Sec 23 T134N R28W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 135-27

**Data Donated:** Center Township: T135N R27W map with  
magnetic data.

**Date Generated:** ca 1953

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

---

**Donor:** USX

**Location:** 135-27

**Data Donated:** Exploration in Center Township: T135N R27W.

**Date Generated:** ca 1958      **By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 135-27

**Data Donated:** Spider Lake area: contracts and memos regarding  
lands offered for sale T135N R27W.

**Date Generated:** 1930      **By:** unknown

**DNR Storage Location:** Map drawer A8

---

**Donor:** USX

**Location:** 135-27

**Data Donated:** Spider Lake area: contracts and memos regarding  
lands offered for sale T135N R27W and T134N R27W.

**Date Generated:** 1930      **By:** unknown

**DNR Storage Location:** Assessment files (135-27-0 #2)

---

**Donor:** USX

**Location:** 135-27-33

**Data Donated:** Exploration on Sec 33 T135N R27W.

**Date Generated:** 1916      **By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

---

**Donor:** USX

**Location:** 136-25

**Data Donated:** Exploration on T136N R25W.

**Date Generated:** 1924

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 136-25

**Data Donated:** Dean Lake Township: T136N R25W map with  
magnetic data.

**Date Generated:** ca 1953

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 136-25

**Data Donated:** Exploration on Dean Lake Township: T136N R25W.

**Date Generated:** 1953(?)

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 136-26

**Data Donated:** Perry Lake Township: T136N R26W map with  
magnetic data.

**Date Generated:** ca 1953

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

---

**Donor:** USX

**Location:** 136-26

**Data Donated:** Exploration on T136N R26W.

**Date Generated:** 1924

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 136-26

**Data Donated:** Exploration in Perry Lake Township: T136N R26W.

**Date Generated:** ca 1953

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 136-26

**Data Donated:** Exploration on T47N R28W, T47N R29W, and  
T136N R26W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 136-26-2

**Data Donated:** Exploration on Sec 2 T137N R26W.

**Date Generated:** 1954

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

---

**Donor:** USX

**Location:** 136-27

**Data Donated:** Exploration on T136N R27W.

**Date Generated:** 1929

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 136-27

**Data Donated:** Mission Township: T136N R27W map with  
magnetic data.

**Date Generated:** ca 1953

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 136-27

**Data Donated:** Exploration in Mission Township T136N R27W.

**Date Generated:** ca 1953

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 137,138-25,26

**Data Donated:** Exploration on Townships 137,138 Ranges 25,26.

**Date Generated:** 1929

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

---

**Donor:** USX

**Location:** 137,138-26

**Data Donated:** Geologic X-section Emily and Fairfield Townships:  
T137N R26W and T138N R26W.

**Date Generated:** unknown      **By:** unknown

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 137,138-26

**Data Donated:** Exploration in Island Lake area:  
Secs 5,6 T137N R26W and Secs 31,32 T138N R26W.

**Date Generated:** unknown      **By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 137-25

**Data Donated:** Exploration on T137N R25W.

**Date Generated:** 1929      **By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 137-25

**Data Donated:** Ross Lake Township: T137N R25W map with  
magnetic data.

**Date Generated:** ca 1953      **By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---



---

**Donor:** USX

**Location:** 137-25

**Data Donated:** Exploration on Ross Lake Township: T137N R25W.

**Date Generated:** ca 1953

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 137-25-20

**Data Donated:** Cuyuna Range gravity survey: Sec 20 T137N R25W  
Ross Lake area).

**Date Generated:** 1952

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 137-25-21

**Data Donated:** Exploration on Sec 21 T137N R25W.

**Date Generated:** 1952(?)

**By:** unknown

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 137-25-22

**Data Donated:** Exploration on Secs 22,27 T137N R25W.

**Date Generated:** 1951

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

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---

**Donor:** USX

**Location:** 137-25-26

**Data Donated:** Exploration on Sec 26 T137N R25W.

**Date Generated:** 1954

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 137-25-27

**Data Donated:** Exploration on Secs 22,27 T137N R25W.

**Date Generated:** 1951

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 137-25-27

**Data Donated:** Cuyuna Range gravity survey: Sec 27 T137N R25W  
Ross Lake area).

**Date Generated:** 1952

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 137-25-27

**Data Donated:** Exploration on Secs 27,28 T137N R25W.

**Date Generated:** 1951

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

---

**Donor:** USX

**Location:** 137-25-28

**Data Donated:** Exploration on Secs 27,28 T137N R25W.

**Date Generated:** 1951

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 137-25-34

**Data Donated:** Cuyuna Range gravity survey: Sec 34 T137N R25W  
Ross Lake area).

**Date Generated:** 1952

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 137-25-36

**Data Donated:** Exploration on Sec 36 T137N R25W.

**Date Generated:** 1952(?)

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 137-26

**Data Donated:** Fairfield Township: bedrock geology, T137N R26W.

**Date Generated:** ca 1953

**By:** unknown

**DNR Storage Location:** Map drawer A17

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---

**Donor:** USX

**Location:** 137-26

**Data Donated:** Exploration on T137N R26W.

**Date Generated:** 1929

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 137-26

**Data Donated:** Fairfield Township: T137N R26W map with  
magnetic data.

**Date Generated:** ca 1953

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 137-26

**Data Donated:** Exploration in central Fairfield Township:  
Secs 15,16,21,22 T137N R26W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 137-26

**Data Donated:** Exploration in east-central Fairfield Township:  
Secs 10,11,14,15 T137N R26W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

---

**Donor:** USX

**Location:** 137-26

**Data Donated:** Exploration on Fairfield Township: T137N R26W.

**Date Generated:** ca 1953

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 137-26

**Data Donated:** Exploration in Section 3 area:  
Secs 2,3,4, T137N R26W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 137-26

**Data Donated:** Exploration in Emily/Shawmut area  
Secs 3,4,5 T137N R26W (13 sheets).

**Date Generated:** 1950

**By:** Iron Range Mining Co.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 137-26

**Data Donated:** Emily-Shawmut exploration X-sections  
Secs 3,4,6 T137N R26W (13 sheets).

**Date Generated:** 1950

**By:** Iron Range Mining Co.

**DNR Storage Location:** Map drawer A20

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---

**Donor:** USX

**Location:** 137-26-11

**Data Donated:** Cuyuna Range gravity survey: Sec 11 T137N R26W.

**Date Generated:** 1952

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 137-26-11

**Data Donated:** Exploration on Sec 11 T137N R26W.

**Date Generated:** 1954

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 137-26-2

**Data Donated:** Cuyuna Range gravity survey: Sec 2 T137N R26W.

**Date Generated:** 1952

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 137-26-32

**Data Donated:** Exploration on Sec 32 T137N R26W.

**Date Generated:** 1952(?)

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A11

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---

**Donor:** USX

**Location:** 137-26-34

**Data Donated:** Exploration on Sec 34 T137N R26W.

**Date Generated:** 1952

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 137-26-4

**Data Donated:** Exploration on Sec 4 T137N R26W.

**Date Generated:** 1926(?)

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 137-26-4

**Data Donated:** X-section of drill holes in Sec 4 T137N R26W.

**Date Generated:** 1928

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 137-26-6

**Data Donated:** Map of unplatted island in Pickerel Lake:  
Sec 6 T137N R26W and Sec 31 T138N R26W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

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---

**Donor:** USX

**Location:** 137-27

**Data Donated:** Exploration on T137N R27W.

**Date Generated:** 1929

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 137-27

**Data Donated:** Watertown Township T137N R27W map with  
magnetic data.

**Date Generated:** ca 1953

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 137-27

**Data Donated:** Exploration in Watertown Township T137N R27W.

**Date Generated:** 1957

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 138,139-27,28

**Data Donated:** Exploration in T138,139N R27,28W (2 copies).

**Date Generated:** 1929

**By:** unknown

**DNR Storage Location:** Map drawer A17

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**Donor:** USX

**Location:** 138-25

**Data Donated:** Little Pine Township T138N R25W map with magnetic data.

**Date Generated:** ca 1953

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 138-25

**Data Donated:** Exploration in Little Pine Township T138N R25W.

**Date Generated:** 1957

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 138-25-16

**Data Donated:** Exploration on Sec 16 T138N R25W.

**Date Generated:** 1953(?)

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 138-26

**Data Donated:** Ruth Lake and Mud Lake areas: interpretation of gravity and drill hole data T138N R26W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A11

---

---

**Donor:** USX

**Location:** 138-26

**Data Donated:** East Ruth Lake area map T138N R26W.

**Date Generated:** ca 1959

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 138-26

**Data Donated:** Lake Emily basemap Secs 26,27,34,35 T138N R26W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 138-26

**Data Donated:** Emily Township T138N R26W map with  
magnetic data.

**Date Generated:** ca 1953

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 138-26

**Data Donated:** West Ruth Lake: map of proposed mine and plant  
layout Secs 19,20,21,28,29,30 T138N R26W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

---

**Donor:** USX

**Location:** 138-26

**Data Donated:** Lake Emily water depth map Secs 26,27,34,35  
T138N R26W.

**Date Generated:** ca 1956      **By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 138-26

**Data Donated:** West Ruth Lake area: map of geology, ownership,  
and DDH locations Secs 20,21,22 T138N R26W.

**Date Generated:** unknown      **By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 138-26

**Data Donated:** Ruth Lake area: exploration map Secs 13,14,23,24  
T138N R26W.

**Date Generated:** unknown      **By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 138-26

**Data Donated:** Exploration on Emily Township T138N R26W.

**Date Generated:** 1953      **By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

---

**Donor:** USX

**Location:** 138-26

**Data Donated:** Mitchell Lake area :ownership map Secs 7,18  
T138N R26W and Secs 11,12,13,14 T138N R27W.

**Date Generated:** unknown      **By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 138-26-17

**Data Donated:** Exploration on Sec 17 T138N R26W.

**Date Generated:** 1938      **By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 138-26-17

**Data Donated:** Cuyuna Range gravity survey: Sec 17 T138N R26W.

**Date Generated:** 1952      **By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 138-26-17

**Data Donated:** DDH locations and X-sections  
S1/2 Sec 17 T138N R26W.

**Date Generated:** 1915      **By:** Osterberg & Johnson

**DNR Storage Location:** Map drawer A9

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---

**Donor:** USX

**Location:** 138-26-18

**Data Donated:** Exploration on Sec 13 T138N R27W and  
Sec 18 T138N R26W.

**Date Generated:** 1952

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 138-26-20

**Data Donated:** Cuyuna Range gravity survey: Sec 20 T138N R26W.

**Date Generated:** 1952

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 138-26-20,21

**Data Donated:** West Ruth Lake area X-sections  
Secs 20,21 T138N R26W (8 sheets).

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A20

---

**Donor:** USX

**Location:** 138-26-20,21

**Data Donated:** West Ruth Lake area X-sections  
Secs 20,21 T138N R26W (20 sheets).

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A20

---

---

**Donor:** USX

**Location:** 138-26-21

**Data Donated:** Exploration on W1/2 NW1/4 Sec 21 T138N R26W  
(2 sheets).

**Date Generated:** 1952(?)

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 138-26-21

**Data Donated:** Exploration on Sec 21 T138N R26W (3 sheets).

**Date Generated:** 1953

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 138-26-22,23

**Data Donated:** East Ruth Lake and Ruth Lake areas X-sections  
Secs 22,23 T138N R26W (12 sheets).

**Date Generated:** unknown

**By:** unknown .

**DNR Storage Location:** Map drawer A20

---

**Donor:** USX

**Location:** 138-26-22,27

**Data Donated:** Ruth Lake basemap Secs 22,27 T138N R26W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

---

**Donor:** USX

**Location:** 138-26-22,27

**Data Donated:** Ruth Lake ownership map Secs 22,27 T138N R26W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 138-26-22,27

**Data Donated:** Ruth Lake water depth map Secs 22,27 T138N R26W.

**Date Generated:** ca 1958

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 138-26-25,26

**Data Donated:** Lake Mary basemap Secs 25,26 T138N R26W.

**Date Generated:** ca 1957

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 138-26-25,26

**Data Donated:** Lake Mary area exploration Secs 25,26 T138N R26W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

---

**Donor:** USX

**Location:** 138-26-25,26

**Data Donated:** Lake Mary geologic map Secs 25,26 T138N R26W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 138-26-25,26

**Data Donated:** Lake Mary water depth Secs 25,26 T138N R26W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 138-26-29

**Data Donated:** Cuyuna Range gravity survey: Sec 29 T138N R26W.

**Date Generated:** 1952

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 138-26-3

**Data Donated:** Exploration on Sec 3 T138N R26W.

**Date Generated:** 1943

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

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**Donor:** USX

**Location:** 138-26-3

**Data Donated:** DDH locations and X-sections Sec 3 T138N R26W.

**Date Generated:** 1915

**By:** Osterberg & Johnson

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 138-26-31

**Data Donated:** Map of unplatted island in Pickerel Lake:  
Sec 6 T137N R26W and Sec 31 T138N R26W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 138-26-32

**Data Donated:** Cuyuna Range gravity survey: Sec 32 T138N R26W.

**Date Generated:** 1952

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 138-27

**Data Donated:** Mitchell Lake area: ownership map Secs 7,18  
T138N R26W and Secs 11,12,13,14 T138N R27W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

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---

**Donor:** USX

**Location:** 138-27

**Data Donated:** Exploration on Allen Township T138N R27W.

**Date Generated:** 1957

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 138-27

**Data Donated:** Allen Township T138N R27W map with magnetic data.

**Date Generated:** ca 1953

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 138-27-13

**Data Donated:** Exploration on Sec 13 T138N R27W and  
Sec 18 T138N R26W.

**Date Generated:** 1952

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 138-27-3

**Data Donated:** DDH location and X-sections S1/2 Sec 3 T138N R27W.

**Date Generated:** 1914

**By:** Osterberg & Johnson

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 139-26

**Data Donated:** Exploration in Crooked Lake Township T139N R26W  
with magnetic(?) contours (2 sheets).

**Date Generated:** unknown      **By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 139-27

**Data Donated:** Exploration in Trelpe Township T139N R27W with  
magnetic(?) contours (2 sheets).

**Date Generated:** unknown      **By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 139-28

**Data Donated:** Exploration in Blind Lake Township T139N R28W  
with magnetic(?) contours (2 sheets).

**Date Generated:** unknown      **By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 140-26

**Data Donated:** Exploration in Thunder Lake Township T140N R26W  
with magnetic(?) contours (2 sheets).

**Date Generated:** unknown      **By:** unknown

**DNR Storage Location:** Map drawer A17

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**Donor:** USX

**Location:** 140-27

**Data Donated:** Exploration in Trelipe Township T140N R27W with magnetic(?) contours (2 sheets).

**Date Generated:** unknown      **By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 140-28

**Data Donated:** T140N R28W with magnetic(?) contours.

**Date Generated:** 1974(?)      **By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX      **Location:** 141-25

**Data Donated:** Exploration in Lima Township T141N R25W with magnetic(?) contours (2 sheets).

**Date Generated:** unknown      **By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 141-26

**Data Donated:** T141N R26W with magnetic(?) contours.

**Date Generated:** unknown      **By:** unknown

**DNR Storage Location:** Map drawer A17

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---

**Donor:** USX

**Location:** 141-27

**Data Donated:** Exploration in Inguadona Township T141N R27W with magnetic(?) contours (2 sheets).

**Date Generated:** unknown      **By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 142-25

**Data Donated:** Exploration on T142N R25W with magnetic(?) contours (2 sheets).

**Date Generated:** unknown      **By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 142-25-13

**Data Donated:** Exploration on Sec 13 T142N R25W.

**Date Generated:** 1907      **By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 142-25-14

**Data Donated:** Exploration on Sec 14 T142N R25W.

**Date Generated:** 1908      **By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

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---

**Donor:** USX

**Location:** 142-25-32

**Data Donated:** Exploration on Sec 32 T142N R25W.

**Date Generated:** 1908

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 142-25-34

**Data Donated:** Exploration on Sec 34 T142W R25W.

**Date Generated:** 1908

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 142-26

**Data Donated:** T142N R26W with magnetic(?) contours.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 145-25-2

**Data Donated:** Exploration on Sec 2 T142N R25W.

**Date Generated:** 1908

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

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**Donor:** USX

**Location:** 42-33-12

**Data Donated:** DDH X-sections Sec 12 T42N R33W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Assessment files (42-33-12 #1)

---

**Donor:** USX

**Location:** 43-32

**Data Donated:** Magnetic readings in vicinity of Ft. Ripley,  
Crow Wing Co. T43N R32W.

**Date Generated:** 1906

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 44-30

**Data Donated:** Exploration on T44N R30W and T45N R30W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 44-30-5

**Data Donated:** Exploration on Sec 32 T45N R30W and  
Sec 5 T44N R30W (3 sheets).

**Date Generated:** 1906

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

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---

**Donor:** USX

**Location:** 44-31-16

**Data Donated:** X-sections S1/2 NE1/4 and N1/2 SE1/4 Sec 16  
T44N R31W (7 sheets).

**Date Generated:** unknown      **By:** unknown

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 44-32

**Data Donated:** Exploration on T44N R32W and T132N R29W.

**Date Generated:** 1914      **By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 45-27

**Data Donated:** Exploration on T45N R27W.

**Date Generated:** 1927      **By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 45-28

**Data Donated:** Clearwater Lake area: magnetic intensity  
T45N R28W.

**Date Generated:** 1953      **By:** unknown

**DNR Storage Location:** Map drawer A17

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**Donor:** USX

**Location:** 45-28

**Data Donated:** Exploration on T45N R28W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 45-28

**Data Donated:** Clearwater Lake Anomaly: X-sections  
Secs 8,9,17,19 T45N R28W (12 sheets).

**Date Generated:** 1953

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 45-28

**Data Donated:** Exploration on T45N R28W.

**Date Generated:** 1924

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 45-28-8,17

**Data Donated:** Cuyuna Range gravity survey: Secs 8,17  
T137N R25W (Clearwater Lake area).

**Date Generated:** 1952

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A11

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**Donor:** USX

**Location:** 45-28-8,9

**Data Donated:** Clearwater Lake anomaly map Secs 8,9 T45N R28W.

**Date Generated:** 1965

**By:** unknown

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 45-29

**Data Donated:** Line of magnetic attraction T45N R29W and  
T45N R30W.

**Date Generated:** 1932

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 45-29-17,18

**Data Donated:** Exploration on Sec 17,18 T45N R29W.

**Date Generated:** 1906

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 45-29-18

**Data Donated:** Exploration on Sec 18 T45N R29W.

**Date Generated:** 1906

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

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**Donor:** USX

**Location:** 45-29-2

**Data Donated:** Exploration on Sec 2 T45N R29W.

**Date Generated:** 1906

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 45-29-2

**Data Donated:** Exploration on Sec 2 T45N R29W.

**Date Generated:** 1939

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 45-29-3

**Data Donated:** Exploration on Sec 3 T45N R29W.

**Date Generated:** 1907

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 45-29-3,10

**Data Donated:** Exploration on Secs 3,10 T45N R29W.

**Date Generated:** 1906

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

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**Donor:** USX

**Location:** 45-29-7,8

**Data Donated:** Exploration on Secs 7,8 T45N R29W (2 sheets).

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 45-29-8

**Data Donated:** Exploration on Sec 8 T45N R29W.

**Date Generated:** 1906

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 45-29-8

**Data Donated:** Exploration on Sec 8 T45N R29W.

**Date Generated:** 1907

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 45-30

**Data Donated:** Exploration on T44N R30W and T45N R30W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A12

---

---

**Donor:** USX

**Location:** 45-30

**Data Donated:** Line of magnetic attraction T45N R29W and  
T45N R30W.

**Date Generated:** 1932

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 45-30

**Data Donated:** Exploration on SW1/4 SW1/4 Sec 29, N1/2 NE1/4  
Sec 31, and NW1/4 NW1/4 Sec 32 T45N R30W.

**Date Generated:** 1907

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 45-30-13

**Data Donated:** Exploration on Sec 13 T45N R30W.

**Date Generated:** 1906

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 45-30-13

**Data Donated:** Exploration on Sec 13 T45N R30W (2 sheets).

**Date Generated:** 1913

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

---

**Donor:** USX

**Location:** 45-30-13

**Data Donated:** Exploration on Sec 13 T45N R30W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 45-30-13

**Data Donated:** Exploration on Sec 13 T45N R30W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 45-30-14

**Data Donated:** Exploration on Sec 14 T45N R30W (2 sheets).

**Date Generated:** ca 1915

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 45-30-14

**Data Donated:** Exploration on Sec 14 T45N R30W.

**Date Generated:** 1929

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

---

**Donor:** USX

**Location:** 45-30-15

**Data Donated:** Exploration on Sec 15 T45N R30W.

**Date Generated:** 1929

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 45-30-20

**Data Donated:** Exploration on Sec 20 T45N R30W.

**Date Generated:** 1910

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 45-30-21

**Data Donated:** Exploration on Sec 21 T45N R30W.

**Date Generated:** 1906

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 45-30-21

**Data Donated:** Exploration on Sec 21 T45N R30W.

**Date Generated:** 1915

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

---

**Donor:** USX

**Location:** 45-30-21

**Data Donated:** Exploration on Sec 21 T45N R30W.

**Date Generated:** 1930

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 45-30-22

**Data Donated:** Correspondence Sec 22 T45N R30W.

**Date Generated:** 1930

**By:** US Steel

**DNR Storage Location:** Assessment files (45-30-22 #1)

---

**Donor:** USX

**Location:** 45-30-22

**Data Donated:** Exploration on Sec 22 T45N R30W.

**Date Generated:** 1907

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 45-30-22

**Data Donated:** Exploration on Sec 22 T45N R30W.

**Date Generated:** 1910

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---



---

**Donor:** USX

**Location:** 45-30-22

**Data Donated:** Shenango and Rabbit Lake area: memos and maps  
Sec 22 T45N R30W.

**Date Generated:** 1930

**By:** unknown

**DNR Storage Location:** Assessment files (45-30-22 #1)

---

**Donor:** USX

**Location:** 45-30-27

**Data Donated:** Exploration on Sec 27 T45N R30W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 45-30-28

**Data Donated:** Exploration on SE1/4 Sec 28 T45N R30W.

**Date Generated:** ca 1906

**By:** unknown

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 45-30-29,30

**Data Donated:** Exploration on Secs 29,30 T45N R30W.

**Date Generated:** 1917

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

---

**Donor:** USX

**Location:** 45-30-3

**Data Donated:** Exploration on Sec 3 T45N R30W.

**Date Generated:** ca 1913

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 45-30-30

**Data Donated:** Exploration on Sec 30 T45N R30W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 45-30-31

**Data Donated:** Exploration on S1/2 NW1/4, S1/2 NE1/4, and  
N1/2 SE1/4 Sec 31 T45N R30W.

**Date Generated:** 1907

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 45-30-32

**Data Donated:** Exploration on Sec 32 T45N R30W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

---

**Donor:** USX

**Location:** 45-30-32

**Data Donated:** Exploration on Sec 32 T45N R30W and  
Sec 5 T44N R30W (3 sheets).

**Date Generated:** 1906

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 45-30-9

**Data Donated:** Exploration on Sec 9 T45N R30W.

**Date Generated:** ca 1913

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 45-31-36

**Data Donated:** Brainerd-Cuyuna Mine X-sections A, C, and D  
Sec 36 T45N R31W.

**Date Generated:** unknown

**By:** Brainerd-Cuyuna Mine

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 45-31-36

**Data Donated:** Brainerd-Cuyuna Mine: X-sections and  
underground workings Sec 36 T45N R31W.

**Date Generated:** 1924

**By:** Brainerd-Cuyuna Mine

**DNR Storage Location:** Map drawer A17

---

---

**Donor:** USX

**Location:** 46,47-29,30

**Data Donated:** Generalized geologic map of Crosby-Ironton-Riverton area.

**Date Generated:** 1951

**By:** USGS

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 46-24

**Data Donated:** Map of T46N R24W.

**Date Generated:** 1929

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 46-25

**Data Donated:** Kimberly and Dam Lake areas: exploration memo  
T46N R25W and T47N R25W.

**Date Generated:** 1925

**By:** George A. Fay

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 46-25

**Data Donated:** Map of T46N R25W with geology.

**Date Generated:** 1930

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

---

**Donor:** USX

**Location:** 46-25

**Data Donated:** Exploration on T46N R25W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 46-27

**Data Donated:** Map of T46N R27W.

**Date Generated:** 1924

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 46-28

**Data Donated:** Exploration on Secs 9,10,16 T46N R28W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-28-15

**Data Donated:** Exploration on Sec 15 T46N R28W.

**Date Generated:** 1906

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

---

**Donor:** USX

**Location:** 46-28-15

**Data Donated:** Exploration on Sec 15 T46N R28W.

**Date Generated:** 1906

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 46-28-16

**Data Donated:** Exploration on W1/2 SE1/4 Sec 16 T46N R28W.

**Date Generated:** 1910

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 46-28-2

**Data Donated:** Exploration on Sec 2 T46N R28W.

**Date Generated:** 1918

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-28-2

**Data Donated:** Exploration on Sec 2 T46N R28W.

**Date Generated:** 1919 **By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

---

**Donor:** USX

**Location:** 46-28-2

**Data Donated:** Exploration on NE1/4 Sec 2 T46N R28W.

**Date Generated:** 1938

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 46-28-20

**Data Donated:** Exploration on Sec 20 T46N R28W.

**Date Generated:** 1907

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 46-28-20

**Data Donated:** Exploration on Sec 20 T46N R28W.

**Date Generated:** 1933

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 46-28-20

**Data Donated:** Exploration on Sec 20 T46N R28W.

**Date Generated:** 1933

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

---

**Donor:** USX

**Location:** 46-28-21

**Data Donated:** Exploration on W1/2 NW1/4 Sec 21 T46N R28W.

**Date Generated:** 1907

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 46-28-21

**Data Donated:** Exploration on NE1/4 NW1/4 Sec 21 T46N R28W.

**Date Generated:** 1910

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 46-28-3

**Data Donated:** Exploration on Sec 3 T46N R28W.

**Date Generated:** ca 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-28-3

**Data Donated:** Exploration on Sec 3 T46N R28W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---



---

**Donor:** USX

**Location:** 46-28-3

**Data Donated:** Exploration on Sec 3 T46N R28W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 46-28-30

**Data Donated:** Exploration on Sec 30 T46N R28W (2 sheets).

**Date Generated:** 1906

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 46-28-30

**Data Donated:** Exploration on NE1/4 Sec 30 T46N R28W (2 sheets).

**Date Generated:** 1910

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 46-28-30

**Data Donated:** Exploration on SE1/4 NE1/4 Sec 30 T46N R28W.

**Date Generated:** 1910

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

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---

**Donor:** USX

**Location:** 46-28-6

**Data Donated:** Exploration on Sec 6 T46N R28W.

**Date Generated:** ca 1910

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-28-6

**Data Donated:** Exploration on Sec 6 T46N R28W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-28-6

**Data Donated:** Exploration on Sec 6 T46N R28W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 46-28-6

**Data Donated:** Exploration on Sec 6 T46N R28W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

---

**Donor:** USX

**Location:** 46-29

**Data Donated:** Geologic X-sections in Crosby/Ironton area  
T46N R29W.

**Date Generated:** 1951

**By:** USGS

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 46-29

**Data Donated:** Portsmouth Mine area: Secs 1,2,11 T46N R29W  
preliminary map of geologic data.

**Date Generated:** 1951

**By:** USGS

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 46-29-1

**Data Donated:** Exploration on Sec 1 T46N R29W.

**Date Generated:** 1910/1913

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 46-29-1

**Data Donated:** Exploration on Sec 1 T46N R29W (2 sheets).

**Date Generated:** ca 1914

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

---

**Donor:** USX

**Location:** 46-29-1

**Data Donated:** Exploration on Sec 1 T46N R29W (2 sheets).

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 46-29-1

**Data Donated:** Exploration on SE1/4 Sec 1 T46N R29W (3 sheets).

**Date Generated:** 1917

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-29-1

**Data Donated:** Exploration on Sec 1 T46N R29W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-29-1

**Data Donated:** Exploration on Sec 1 T46N R29W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

---

**Donor:** USX

**Location:** 46-29-1

**Data Donated:** Exploration on Sec 1 T46N R29W.

**Date Generated:** 1917

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-29-1

**Data Donated:** Exploration on Sec 1 T46N R29W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-29-1

**Data Donated:** Exploration on Sec 1 T46N R29W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 46-29-1

**Data Donated:** Exploration on Sec 1 T46N R29W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

---

**Donor:** USX

**Location:** 46-29-10

**Data Donated:** Exploration on Sec 10 T46N R29W (4 sheets).

**Date Generated:** 1910

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 46-29-10

**Data Donated:** Exploration on Sec 10 T46N R29W.

**Date Generated:** 1913

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 46-29-10

**Data Donated:** Exploration on Sec 10 T46N R29W (2 sheets).

**Date Generated:** 1914

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 46-29-10

**Data Donated:** Exploration on Sec 10 T46N R29W (2 sheets).

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

---

**Donor:** USX

**Location:** 46-29-10

**Data Donated:** Exploration on Sec 10 T46N R29W (2 sheets).

**Date Generated:** 1928

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 46-29-10

**Data Donated:** Exploration on Sec 10 T46N R29W (4 sheets).

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-29-10

**Data Donated:** Exploration on NE1/4 NW1/4 and NW1/4 NE1/4 Sec 10  
T46N R29W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-29-10

**Data Donated:** Exploration on Sec 10 T46N R29W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

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---

**Donor:** USX

**Location:** 46-29-10,11

**Data Donated:** Exploration on Secs 10,11 T46N R29W.

**Date Generated:** 1911

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 46-29-11

**Data Donated:** Exploration on W1/2 NE1/4 Sec 11 T46N R29W  
(4 sheets).

**Date Generated:** 1909

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 46-29-11

**Data Donated:** Exploration on NE1/4 NE1/4 Sec 11 T46N R29W  
(2 sheets).

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 46-29-11

**Data Donated:** Exploration on Sec 11 T46N R29W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

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---

**Donor:** USX

**Location:** 46-29-11

**Data Donated:** Exploration on Sec 11 T46N R29W (2 sheets).

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 46-29-11

**Data Donated:** Exploration on Sec 11 T46N R29W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 46-29-11

**Data Donated:** Exploration on Sec 11 T46N R29W.

**Date Generated:** ca 1912

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 46-29-11

**Data Donated:** Exploration on Sec 11 T46N R29W.

**Date Generated:** 1915

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

---

**Donor:** USX

**Location:** 46-29-11

**Data Donated:** Exploration on Sec 11 T46N R29W.

**Date Generated:** 1917

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-29-11

**Data Donated:** Armour #2-Ironton Mine reports Sec 11 T46N R29W.

**Date Generated:** 1934

**By:** Inland Steel Co.

**DNR Storage Location:** Map drawer A8

---

**Donor:** USX

**Location:** 46-29-12

**Data Donated:** Exploration on NW1/4 NW1/4 Sec 12 T46N R29W  
(2 sheets).

**Date Generated:** 1910

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 46-29-12

**Data Donated:** Exploration on NE1/4 NW1/4 Sec 12 T46N R29W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

---

**Donor:** USX

**Location:** 46-29-15

**Data Donated:** Exploration on Sec 15 T46N R29W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 46-29-15

**Data Donated:** Exploration on Sec 15 T46N R29W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-29-16

**Data Donated:** Exploration on Sec 16 T46N R29W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 46-29-16

**Data Donated:** Exploration on Sec 16 T46N R29W.

**Date Generated:** ca 1912

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

---

**Donor:** USX

**Location:** 46-29-17

**Data Donated:** Exploration on Sec 17 T46N R29W (5 sheets).

**Date Generated:** 1909

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 46-29-17

**Data Donated:** Exploration on Sec 17 T46N R29W (2 sheets).

**Date Generated:** 1913

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 46-29-17

**Data Donated:** Exploration on Sec 17 T46N R29W.

**Date Generated:** 1946

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-29-17

**Data Donated:** Exploration on Sec 17 T46N R29W (2 sheets).

**Date Generated:** 1947

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

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---

**Donor:** USX

**Location:** 46-29-17

**Data Donated:** Exploration on Sec 17 T46N R29W (2 sheets).

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-29-18

**Data Donated:** Exploration on Sec 18 T46N R29W.

**Date Generated:** 1914

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 46-29-18

**Data Donated:** Exploration on Sec 18 T46N R29W (5 sheets).

**Date Generated:** 1914

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 46-29-18

**Data Donated:** Exploration on Sec 18 T46N R29W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

---

**Donor:** USX

**Location:** 46-29-18

**Data Donated:** Exploration on Sec 18 T46N R29W.

**Date Generated:** 1943

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 46-29-18

**Data Donated:** Rowe Mine DDH X-sections Sec 18 T46N R29W  
(3 sheets).

**Date Generated:** 1918

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 46-29-18

**Data Donated:** Exploration on E1/2 SE1/4 Sec 18 T46N R29W.

**Date Generated:** 1912

**By:** Carlson Exploration

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 46-29-19

**Data Donated:** Sagamore Mine: preliminary map of geologic data  
Sec 19 T46N R29W.

**Date Generated:** 1951

**By:** USGS

**DNR Storage Location:** Map drawer A11

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---

**Donor:** USX

**Location:** 46-29-19

**Data Donated:** Exploration on Sec 19 T46N R29W (5 sheets).

**Date Generated:** 1914

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 46-29-19

**Data Donated:** Exploration on Sec 19 T46N R29W.

**Date Generated:** ca 1921

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 46-29-19

**Data Donated:** Exploration on SW1/4 SW1/4 Sec 19 T46N R29W.

**Date Generated:** 1927

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 46-29-19

**Data Donated:** Exploration on Sec 19 T46N R29W.

**Date Generated:** 1931

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

---

**Donor:** USX

**Location:** 46-29-19

**Data Donated:** Exploration on Sec 19 T46N R29W.

**Date Generated:** 1933

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 46-29-19

**Data Donated:** Exploration on Sec 19 T46N R29W.

**Date Generated:** 1934

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 46-29-2

**Data Donated:** Exploration on Sec 2 T46N R29W.

**Date Generated:** 1907

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 46-29-2

**Data Donated:** Exploration on Sec 2 T46N R29W (5 sheets).

**Date Generated:** 1938

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

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**Donor:** USX

**Location:** 46-29-2

**Data Donated:** Exploration on Sec 2 T46N R29W.

**Date Generated:** ca 1910

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-29-2

**Data Donated:** Exploration on Sec 2 T46N R29W (2 sheets).

**Date Generated:** 1926

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 46-29-2,11

**Data Donated:** Exploration on Secs 2,11 T46N R29W (5 sheets).

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-29-20

**Data Donated:** Exploration on Sec 20 T46N R29W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

---

**Donor:** USX

**Location:** 46-29-3

**Data Donated:** Mangan #1 Mine: exploration report with maps,  
X-section, and Fe-Mn analyses, geophysical report  
Sec 3 T46N R29W.

**Date Generated:** 1939

**By:** US Steel

**DNR Storage Location:** Assessment files (46-29-3 #1)

---

**Donor:** USX

**Location:** 46-29-3

**Data Donated:** Mangan #1 Mine: report and X-sections Sec 3  
T46N R29W.

**Date Generated:** 1939

**By:** Robert M. Adams Co.

**DNR Storage Location:** Assessment files (46-29-3 #1)

---

**Donor:** USX

**Location:** 46-29-3

**Data Donated:** Preliminary map of geologic data in Mangan-Stai  
and Joan mines Sec 3 T46N R29W.

**Date Generated:** 1951

**By:** USGS

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 46-29-3

**Data Donated:** Exploration on Sec 3 T46N R29W.

**Date Generated:** 1906-1941

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

---

**Donor:** USX

**Location:** 46-29-3

**Data Donated:** Exploration on Sec 3 T46N R29W (2 sheets).

**Date Generated:** ca 1914

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 46-29-3

**Data Donated:** Exploration on Sec 3 T46N R29W (3 sheets).

**Date Generated:** ca 1912

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 46-29-3

**Data Donated:** Samples from Cuyuna Mille Lacs Mine S1/2 SW1/4  
Sec 3 T46N R29W (2 sheets).

**Date Generated:** 1915

**By:** unknown

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-29-3

**Data Donated:** Exploration on Sec 3 T46N R29W (2 sheets).

**Date Generated:** 1918

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

---

**Donor:** USX

**Location:** 46-29-3

**Data Donated:** Exploration on Sec 3 T46N R29W.

**Date Generated:** 1922

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 46-29-3

**Data Donated:** Exploration on SW1/4 SE1/4 Sec 3 T46N R29W  
(3 sheets).

**Date Generated:** 1929

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 46-29-3

**Data Donated:** Exploration on Sec 3 T46N R29W.

**Date Generated:** 1933

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 46-29-3

**Data Donated:** Mangan and Louise Mines: map Sec 3 T46N R29W.

**Date Generated:** ca 1945

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

---

**Donor:** USX

**Location:** 46-29-36

**Data Donated:** Exploration on Sec 36 T46N R29W.

**Date Generated:** 1906

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 46-29-36

**Data Donated:** Exploration on W1/2 SW1/4 and SW1/4 NW1/4 Sec 36  
T46N R29W.

**Date Generated:** 1907

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 46-29-36

**Data Donated:** Exploration on N1/2 Sec 36 T46N R29W.

**Date Generated:** 1910

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 46-29-4

**Data Donated:** Exploration on Sec 4 T46N R29W.

**Date Generated:** 1953

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A12

---

---

**Donor:** USX

**Location:** 46-29-4

**Data Donated:** Exploration on Sec 4 T46N R29W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-29-4

**Data Donated:** Exploration on Sec 4 T46N R29W (4 sheets).

**Date Generated:** 1924

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-29-4

**Data Donated:** Exploration on Sec 4 T46N R29W (2 sheets).

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 46-29-4,5

**Data Donated:** Maroco and Virgina mines: preliminary map  
of geologic data Secs 4,5 T46N R29W.

**Date Generated:** 1951

**By:** USGS

**DNR Storage Location:** Map drawer A11

---

---

**Donor:** USX

**Location:** 46-29-4,5

**Data Donated:** Exploration on N1/2 SW1/4 Sec 4 and NE1/4 SE1/4  
Sec 5 T46N R29W (3 sheets).

**Date Generated:** 1952

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 46-29-5

**Data Donated:** Exploration on Sec 5 T46N R29W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 46-29-5

**Data Donated:** Exploration on Sec 5 T46N R29W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 46-29-5

**Data Donated:** Exploration on Sec 5 T46N R29W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

---

**Donor:** USX

**Location:** 46-29-5

**Data Donated:** Exploration on Sec 5 T46N R29W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 46-29-6

**Data Donated:** Exploration on Sec 6 T46N R29W.

**Date Generated:** ca 1912

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-29-6

**Data Donated:** Exploration on Sec 6 T46N R29W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 46-29-6

**Data Donated:** Exploration on Sec 6 T46N R29W (2 sheets).

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

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**Donor:** USX

**Location:** 46-29-7

**Data Donated:** Exploration on Sec 7 T46N R29W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 46-29-7

**Data Donated:** Exploration on Sec 7 T46N R29W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 46-29-8

**Data Donated:** Exploration on Sec 8 T46N R29W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 46-29-9

**Data Donated:** Exploration on Sec 9 T46N R29W.

**Date Generated:** 1912

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

---

**Donor:** USX

**Location:** 46-29-9

**Data Donated:** Exploration on Sec 9 T46N R29W (2 sheets).

**Date Generated:** 1913

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 46-29-9

**Data Donated:** Exploration on Sec 9 T46N R29W.

**Date Generated:** 1929(?)

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-29-9

**Data Donated:** Exploration on Sec 9 T46N R29W.

**Date Generated:** 1921

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-29-9

**Data Donated:** Exploration on Sec 9 T46N R29W.

**Date Generated:** 1943

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

---

**Donor:** USX

**Location:** 46-29-9

**Data Donated:** Exploration on Sec 9 T46N R29W.

**Date Generated:** 1944

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 46-29-9,10

**Data Donated:** Preliminary map of geologic data in Mahnomen,  
Feigh, Hillcrest and adjacent mines Secs 9,10  
T46N R29W.

**Date Generated:** 1951

**By:** USGS

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 46-29-9,10

**Data Donated:** Exploration on Secs 9,10 T46N R29W.

**Date Generated:** 1906

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 46-30-12

**Data Donated:** Exploration on Sec 12 T46N R30W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

---

**Donor:** USX

**Location:** 46-30-12

**Data Donated:** Exploration on Sec 12 T46N R30W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-30-13

**Data Donated:** Exploration on Sec 13 T46N R30W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 46-30-26

**Data Donated:** Exploration on Sec 26 T46N R30W.

**Date Generated:** ca 1913

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 46-30-35

**Data Donated:** Exploration on Sec 35 T46N R30W.

**Date Generated:** ca 1913

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

---

**Donor:** USX

**Location:** 47-24

**Data Donated:** Map of T47N R24W with geology.

**Date Generated:** 1924

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 47-25

**Data Donated:** Kimberly and Dam Lake areas: exploration memo  
T46N R25W and T47N R25W.

**Date Generated:** 1925

**By:** George A. Fay

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 47-25

**Data Donated:** Map of T47N R25W with geology.

**Date Generated:** 1924

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 47-25-1

**Data Donated:** Exploration on Sec 1 T47N R25W.

**Date Generated:** 1914

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

---

**Donor:** USX

**Location:** 47-26-4

**Data Donated:** Exploration on SE1/4 NE1/4 Sec 4 T47N R26W.

**Date Generated:** 1937

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 47-26-9

**Data Donated:** Exploration on Sec 9 T47N R26W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 47-27-28

**Data Donated:** Exploration on Sec 28 T47N R27W.

**Date Generated:** 1930

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 47-27-29,32

**Data Donated:** Exploration on Secs 29,32 T47N R27W.

**Date Generated:** 1915(?) **By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

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---

**Donor:** USX

**Location:** 47-27-31

**Data Donated:** Exploration on Sec 31 T47N R27W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 47-28

**Data Donated:** Exploration on T47N R28W, T47N R29W, and  
T136N R26W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 47-28-19

**Data Donated:** Exploration on Sec 19 T47N R28W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 47-28-19

**Data Donated:** Exploration on Sec 19 T47N R28W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

---

**Donor:** USX

**Location:** 47-28-20

**Data Donated:** Exploration on Sec 20 T47N R28W (3 sheets).

**Date Generated:** 1915

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 47-28-20

**Data Donated:** Exploration on Sec 20 T47N R28W.

**Date Generated:** 1917

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 47-28-21

**Data Donated:** Exploration on NW1/4 and W1/2 NE1/4 Sec 21  
T47N R28W.

**Date Generated:** 1952

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 47-28-21

**Data Donated:** Exploration on Sec 21 T47N R28W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

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**Donor:** USX

**Location:** 47-28-21

**Data Donated:** Exploration on Sec 21 T47N R28W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 47-28-21,28

**Data Donated:** Exploration on Secs 21,28 T47N R28W.

**Date Generated:** 1930

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 47-28-26

**Data Donated:** Exploration on Sec 26 T47N R28W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 47-28-28

**Data Donated:** Exploration on Sec 28 T47N R28W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

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---

**Donor:** USX

**Location:** 47-28-29

**Data Donated:** Exploration on Sec 29 T47N R28W.

**Date Generated:** 1906

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 47-28-29

**Data Donated:** Exploration on Sec 29 T47N R28W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 47-28-30

**Data Donated:** Correspondence and DDH location map  
Sec 30 T47N R30W.

**Date Generated:** 1930

**By:** US Steel

**DNR Storage Location:** Assessment files (47-28-30 #1)

---

**Donor:** USX

**Location:** 47-28-30

**Data Donated:** Exploration on Sec 30 T47N R28W.

**Date Generated:** 1906

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

---

**Donor:** USX

**Location:** 47-28-30

**Data Donated:** Exploration on Sec 30 T47N R28W (2 sheets).

**Date Generated:** 1907

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 47-28-30

**Data Donated:** Exploration on Sec 30 T47N R28W (3 sheets).

**Date Generated:** 1930

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 47-28-30

**Data Donated:** Exploration on Sec 30 T47N R28W (2 sheets).

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 47-28-30

**Data Donated:** Exploration on Sec 30 T47N R28W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

---

**Donor:** USX

**Location:** 47-28-30

**Data Donated:** Shenango and Rabbit Lake area: memos and maps  
Sec 30 T47N R28W.

**Date Generated:** 1930

**By:** unknown

**DNR Storage Location:** Assessment files (47-28-30 #1)

---

**Donor:** USX

**Location:** 47-28-31

**Data Donated:** Exploration on Sec 31 T47N R28W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 47-28-32

**Data Donated:** Exploration on Sec 32 T47N R28W (2sheets).

**Date Generated:** 1906

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 47-28-32

**Data Donated:** Exploration on Sec 32 T47N R28W.

**Date Generated:** 1927

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

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---

**Donor:** USX

**Location:** 47-29

**Data Donated:** Exploration on T47N R28W, T47N R29W, and  
T136N R26W.

**Date Generated:** unknown      **By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 47-29-15

**Data Donated:** Exploration on Sec 15 T47N R29W.

**Date Generated:** unknown      **By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 47-29-20

**Data Donated:** Exploration on SW1/4 Sec 20 T47N R29W.

**Date Generated:** 1953      **By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 47-29-22

**Data Donated:** Exploration on Sec 22 T47N R29W (2 sheets).

**Date Generated:** 1912      **By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

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**Donor:** USX

**Location:** 47-29-22

**Data Donated:** Exploration on Sec 22 T47N R29W (2 sheets).

**Date Generated:** ca 1913

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 47-29-22

**Data Donated:** Exploration on Sec 22 T47N R29W.

**Date Generated:** 1918

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 47-29-22

**Data Donated:** Exploration on Sec 22 T47N R29W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 47-29-23

**Data Donated:** Exploration on Sec 23 T47N R29W.

**Date Generated:** 1913

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

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---

**Donor:** USX

**Location:** 47-29-23

**Data Donated:** Exploration on Sec 23 T47N R29W.

**Date Generated:** 1931

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 47-29-23

**Data Donated:** Exploration on NW1/4 SE1/4 Sec 23 T47N R29W.

**Date Generated:** 1938

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 47-29-23,26

**Data Donated:** Exploration on Secs 23,26 T47N R29W (2 sheets).

**Date Generated:** 1913

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 47-29-24

**Data Donated:** Exploration on Sec 24 T47N R29W.

**Date Generated:** 1931

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

---

**Donor:** USX

**Location:** 47-29-25

**Data Donated:** Shenango and Rabbit Lake area: memos and maps  
Sec 25 T47N R29W.

**Date Generated:** 1930

**By:** unknown

**DNR Storage Location:** Assessment files (47-29-25 #1)

---

**Donor:** USX

**Location:** 47-29-25

**Data Donated:** DDH location map Sec 25 T47N R29W.

**Date Generated:** 1930

**By:** US Steel

**DNR Storage Location:** Assessment files (47-29-25 #1)

---

**Donor:** USX

**Location:** 47-29-25

**Data Donated:** Exploration on Sec 25 T47N R29W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 47-29-25

**Data Donated:** Exploration on Sec 25 T47N R29W (2 sheets).

**Date Generated:** ca 1910

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

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**Donor:** USX

**Location:** 47-29-26

**Data Donated:** Exploration on Sec 26 T47N R29W.

**Date Generated:** 1939

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 47-29-27

**Data Donated:** Exploration on Sec 27 T47N R29W (2 sheets).

**Date Generated:** 1912

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 47-29-27

**Data Donated:** Exploration on Sec 27 T47N R29W (2 sheets).

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 47-29-27

**Data Donated:** Exploration on Sec 27 T47N R29W.

**Date Generated:** 1939

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

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---

**Donor:** USX

**Location:** 47-29-28

**Data Donated:** Exploration on E1/2 SE1/4 Sec 28 T47N R29W  
(2 sheets).

**Date Generated:** 1909

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 47-29-28

**Data Donated:** Exploration on Sec 28 T47N R29W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 47-29-28

**Data Donated:** Exploration on Sec 28 T47N R29W (2 sheets).

**Date Generated:** 1918

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 47-29-29

**Data Donated:** Exploration on Sec 29 T47N R29W (2 sheets).

**Date Generated:** 1953

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A12

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---

**Donor:** USX

**Location:** 47-29-29

**Data Donated:** Exploration on Sec 29 T47N R29W (2 sheets).

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 47-29-29,30

**Data Donated:** X-sections looking NE, Secs 29,30 T47N R29W  
(11 sheets).

**Date Generated:** pre 1957

**By:** unknown

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 47-29-30

**Data Donated:** Exploration on S1/2 Sec 30 T47N R29W (2 sheets).

**Date Generated:** 1953

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 47-29-30

**Data Donated:** Exploration on Sec 30 T47N R29W.

**Date Generated:** 1918

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

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---

**Donor:** USX

**Location:** 47-29-32

**Data Donated:** Exploration on Sec 32 T47N R29W.

**Date Generated:** 1914

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 47-29-32

**Data Donated:** Exploration on Sec 32 T47N R29W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 47-29-32

**Data Donated:** Exploration on Sec 32 T47N R29W.

**Date Generated:** ca 1912

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 47-29-33

**Data Donated:** Exploration on NW1/4 Sec 33 T47N R29W (2 sheets).

**Date Generated:** 1909

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

---

**Donor:** USX

**Location:** 47-29-33

**Data Donated:** Exploration on Sec 33 T47N R29W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 47-29-33

**Data Donated:** Exploration on Sec 33 T47N R29W.

**Date Generated:** 1931

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 47-29-34

**Data Donated:** Exploration on Sec 34 T47N R29W (2 sheets).

**Date Generated:** ca 1912

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 47-29-34

**Data Donated:** Exploration on Sec 34 T47N R29W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

---

**Donor:** USX

**Location:** 47-29-34

**Data Donated:** Exploration on Sec 34 T47N R29W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A15

---

**Donor:** USX

**Location:** 47-29-35

**Data Donated:** Exploration on Sec 35 T47N R29W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A13

---

**Donor:** USX

**Location:** 47-29-35

**Data Donated:** Exploration on Sec 35 T47N R29W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A14

---

**Donor:** USX

**Location:** 47-30-25

**Data Donated:** Exploration on Sec 25 T47N R30W.

**Date Generated:** 1950

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

---

**Donor:** USX

**Location:** 48-25-22,23

**Data Donated:** Exploration on Secs 22,23 T48N R25W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 48-26-35

**Data Donated:** Exploration on Sec 35 T48N R26W.

**Date Generated:** 1925

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 48-26-35

**Data Donated:** Exploration on Sec 35 T48N R26W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A12

---

**Donor:** USX

**Location:** 51-22

**Data Donated:** Map of part of Aitkin Co. with geology  
T51N R22W, T51N R23W, T52N R22W, and T52N R23W.

**Date Generated:** 1929

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

---

**Donor:** USX

**Location:** 51-23

**Data Donated:** Map of part of Aitkin Co. with geology  
T51N R22W, T51N R23W, T52N R22W, and T52N R23W.

**Date Generated:** 1929

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 52-22

**Data Donated:** Map of part of Aitkin Co. with geology  
T51N R22W, T51N R23W, T52N R22W, and T52N R23W.

**Date Generated:** 1929

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 52-23

**Data Donated:** Map of part of Aitkin Co. with geology  
T51N R22W, T51N R23W, T52N R22W, and T52N R23W.

**Date Generated:** 1929

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** 56-24-29

**Data Donated:** Northern Pacific Forty: DDH X-section 14+00E  
SE1/4 NE1/4 Sec 29 T56N R24W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

---



---

**Donor:** USX

**Location:** 56-24-29

**Data Donated:** Northern Pacific Forty: DDH X-section 15+00E  
SE1/4 NE1/4 Sec 29 T56N R24W.

**Date Generated:** unknown      **By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 57-20-4

**Data Donated:** Mitchell dump area: X-section SW1/4 NW1/4 Sec 4  
T57N R20W.

**Date Generated:** 1954      **By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 58-19-13

**Data Donated:** DDH X-section N1/2 SW1/4 Sec 13 T58N R19W.

**Date Generated:** 1949      **By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** 59-13

**Data Donated:** Dunka Road drill core logs with chemistry  
(112 logs).

**Date Generated:** 1974      **By:** US Steel

**DNR Storage Location:** Assessment files (59-13-0 #1)

---

---

**Donor:** USX

**Location:** 59-14-34

**Data Donated:** Wyman Creek drill core logs with chemistry  
(21 logs) Sec 34 T59N R14W.

**Date Generated:** 1974

**By:** US Steel

**DNR Storage Location:** Assessment files (59-14-34 #1)

---

**Donor:** USX

**Location:** 60-12

**Data Donated:** General exploration and geologic features  
T60N R12W.

**Date Generated:** 1944

**By:** US Steel

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 61-12

**Data Donated:** General exploration and geologic features  
T61N R12W.

**Date Generated:** unknown

**By:** unknown .

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 61-13

**Data Donated:** General exploration and geologic features  
T61N R13W.

**Date Generated:** 1944

**By:** US Steel

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 61-14

**Data Donated:** General exploration and geologic features  
T61N R14W.

**Date Generated:** 1944

**By:** US Steel

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 61-15

**Data Donated:** Detail map of a portion of T61, T62N R15W  
showing observed rock exposures.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 61-15

**Data Donated:** Geologic map Tower-Soudan area T61N R15W  
and T62N R15W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 61-15

**Data Donated:** Geologic map Tower-Soudan area with dip needle  
survey T61N R15W and T62N R15W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 61-15

**Data Donated:** Geologic map and dip needle survey T61N R15W.

**Date Generated:** 1942(?)

**By:** Oliver Iron Mining Co.(?)

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 61-15-3

**Data Donated:** Exploration on Sec 3 T61N R15W.

**Date Generated:** 1941

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 61-15-4

**Data Donated:** Exploration on Sec 4 T61N R15W.

**Date Generated:** 1946

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 61-15-4

**Data Donated:** Exploration on NW1/4 Sec 4 T61N R15W.

**Date Generated:** 1900

**By:** Walsh Exploration

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 61-15-4

**Data Donated:** DDH X-sections NW1/4 Sec 4 T61N R15W.

**Date Generated:** 1900

**By:** Walsh Exploration

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 61-24-6

**Data Donated:** Itasca Co. IP-resistivity survey Sec 6 T61N R24W.

**Date Generated:** 1971

**By:** US Steel

**DNR Storage Location:** Map drawer A10

---

**Donor:** USX

**Location:** 61-25

**Data Donated:** Itasca Co. geophysical data Secs 10,11,12,16  
T61N R25W (46 sheets).

**Date Generated:** 1970-71

**By:** US Steel

**DNR Storage Location:** Map drawer A10

---

**Donor:** USX

**Location:** 61-25-10

**Data Donated:** Itasca Co. IP survey Sec 10 T61N R25W (2 sheets).

**Date Generated:** 1971(?)

**By:** US Steel

**DNR Storage Location:** Map drawer A10

---

---

**Donor:** USX

**Location:** 61-25-10,16

**Data Donated:** Itasca Co. geochemical survey Secs 10,16  
T61N R25W (2 sheets).

**Date Generated:** 1971(?)      **By:** US Steel

**DNR Storage Location:** Map drawer A10

---

**Donor:** USX

**Location:** 61-25-11,12

**Data Donated:** Itasca Co. Big Fork area: geology, outcrops,  
DDH locations, and grids (3 copies) Secs 11,12  
T61N R25W.

**Date Generated:** unknown      **By:** US Steel

**DNR Storage Location:** Map drawer A10

---

**Donor:** USX

**Location:** 61-26(?)

**Data Donated:** Itasca Co. Big Fork area: geophysical data  
T61N R26W.

**Date Generated:** 1971(?)      **By:** US Steel

**DNR Storage Location:** Map drawer A10

---

**Donor:** USX

**Location:** 62-10-30

**Data Donated:** Sketch showing exposures north of Muskrat Lake  
Sec 30 T62N R10W.

**Date Generated:** 1932(?)      **By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 62-12

**Data Donated:** Geologic map T62N R12W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-12

**Data Donated:** General exploration and geologic features  
T62N R12W.

**Date Generated:** 1927(?)

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-12

**Data Donated:** Map of portions T63N R12W and T62N R12W.

**Date Generated:** 1913

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 62-12-2

**Data Donated:** Exploration on Sec 2 T62N R12W.

**Date Generated:** 1939

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

---

**Donor:** USX

**Location:** 62-12-2

**Data Donated:** White Iron Lake Mine: sketch & DDH locations  
Sec 2 T62N R12W.

**Date Generated:** ca 1920

**By:** George A. Fay

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-12-2

**Data Donated:** Exploration on E1/2 NE1/4 and E1/2 SE1/4  
Sec 2 T62N R12W.

**Date Generated:** 1900

**By:** Blais Exploration

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-12-2

**Data Donated:** Exploration on Sec 2 T62N R12W.

**Date Generated:** 1909

**By:** White Iron Lake Iron Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-12-28

**Data Donated:** Chandler Mine: 6th level (2 versions)  
Sec 28 T62N R12W.

**Date Generated:** 1940-42

**By:** Evergreen Mines Co.

**DNR Storage Location:** Map drawer A7

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**Donor:** USX

**Location:** 62-12-5

**Data Donated:** Exploration on Sec 5 T62N R12W and  
Sec 32 T63N R12W.

**Date Generated:** 1913

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 62-12-5

**Data Donated:** Sketch map of Sec 5 T62N R12W (2 copies).

**Date Generated:** 1920

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-12-5

**Data Donated:** Exploration on Secs 6,7 T62N R12W,  
Sec 5 T62N R12W, and Sec 11 T63N R11W.

**Date Generated:** 1935

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 62-13

**Data Donated:** Geologic map T62N R13W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 62-13

**Data Donated:** General exploration and geologic features  
T62N R13W.

**Date Generated:** 1944

**By:** US Steel

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-13-18

**Data Donated:** Exploration on Sec 18 T62N R13W.

**Date Generated:** 1909

**By:** George A. Fay

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-13-4

**Data Donated:** Exploration on Sec 4 T62N R13W.

**Date Generated:** 1913

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 62-13-4

**Data Donated:** Exploration on SE1/4 Sec 4 T62N R13W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 62-13-4

**Data Donated:** Exploration on Southall property Sec 4 T62N R13W.

**Date Generated:** 1918

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-13-4

**Data Donated:** Records of DDH on Sec 4 T62N R13W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-13-4

**Data Donated:** Exploration on Sec 4 T62N R13W.

**Date Generated:** unknown

**By:** O&J Drilling

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-13-4,9

**Data Donated:** Exploration on Secs 4,9 T62N R13W.

**Date Generated:** 1918

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 62-13-9

**Data Donated:** Exploration on Sec 9 T62N R13W.

**Date Generated:** 1905

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 62-14

**Data Donated:** Geologic map T62N R14W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-14

**Data Donated:** General exploration and geologic features  
T62N R14W.

**Date Generated:** 1944

**By:** US Steel

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-14-10

**Data Donated:** Exploration on Sec 10 T62N R14W.

**Date Generated:** 1913

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

---

**Donor:** USX

**Location:** 62-14-10

**Data Donated:** Exploration on S1/2 NE1/4 and N1/2 SE1/4 Sec 10  
T62N R14W.

**Date Generated:** 1909

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 62-14-10

**Data Donated:** DDH locations Sec 10 T62N R14W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-14-12

**Data Donated:** Exploration on Sec 12 T62N R14W.

**Date Generated:** 1952

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 62-14-12

**Data Donated:** Exploration on NE1/4 SE1/4 SW1/4 Sec 12 T62N R14W.

**Date Generated:** 1900

**By:** Lonstorf Exploration

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 62-14-12

**Data Donated:** DDH and pit X-sections SE1/4 NE1/4 SW1/4 Sec 12  
T62N R14W.

**Date Generated:** 1900

**By:** Lonstorf Exploration

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-14-13

**Data Donated:** Exploration on SW1/4 NE1/4 Sec 13 T62N R14W.

**Date Generated:** 1927

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 62-14-13

**Data Donated:** Exploration on Sec 13 T62N R14W.

**Date Generated:** 1931

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 62-14-14

**Data Donated:** Exploration on Sec 14 T62N R14W.

**Date Generated:** 1952

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A6

---

---

**Donor:** USX

**Location:** 62-14-14

**Data Donated:** DDH X-sections Sec 14 T62N R14W.

**Date Generated:** 1903

**By:** d'Autremont Exploration

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-14-14

**Data Donated:** Exploration on NW1/4 Sec 14 T62N R14W.

**Date Generated:** 1903

**By:** d'Autremont Exploration

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-14-19

**Data Donated:** Exploration on Sec 19 T62N R14W.

**Date Generated:** 1952

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 62-14-19

**Data Donated:** Exploration on W1/2 NE1/4 and E1/2 NE1/4 Sec 19  
T62N R14W.

**Date Generated:** 1903

**By:** Whiteside Exploration

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 62-14-19

**Data Donated:** DDH X-sections E1/2 NE1/4 Sec 19 T62N R14W.

**Date Generated:** 1903

**By:** Shawmut Iron Co. Exploration

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-14-19

**Data Donated:** DDH X-sections W1/2 NE1/4 Sec 19 T62N R14W.

**Date Generated:** 1903

**By:** Whiteside Exploration

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-14-4

**Data Donated:** Exploration on Sec 4 T62N R14W.

**Date Generated:** 1944

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 62-14-4,5

**Data Donated:** Exploration on Semer & Sheridan lands  
Secs 4,5 T62N R14W.

**Date Generated:** 1915

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A9

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---

**Donor:** USX

**Location:** 62-14-5

**Data Donated:** Exploration on Sec 5 T62N R14W.

**Date Generated:** 1929

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 62-14-5

**Data Donated:** Con. Ver. & Extension Co., Vermilion Shaft sketch  
Sec 5 T62N R14W.

**Date Generated:** 1917

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 62-14-5

**Data Donated:** Exploration on Sec 5 T62N R14W (2 sheets).

**Date Generated:** 1909

**By:** George A. Fay

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-14-5,6

**Data Donated:** Exploration on Secs 5,6 T62N R14W.

**Date Generated:** 1905

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

---

**Donor:** USX

**Location:** 62-14-7

**Data Donated:** Exploration on Sec 7 T62N R14W.

**Date Generated:** 1943

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 62-14-7

**Data Donated:** Report of drilling on S1/2 SE1/4 Sec 7 and  
S1/2 SW1/4 Sec 8 T62N R14W.

**Date Generated:** unknown

**By:** Minnesota Iron Co.

**DNR Storage Location:** Assessment files (62-14-7 #2)

---

**Donor:** USX

**Location:** 62-14-7

**Data Donated:** Report of drilling on Secs 7,8 T62N R14W.

**Date Generated:** 1918

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (62-14-7 #2)

---

**Donor:** USX

**Location:** 62-14-7

**Data Donated:** Report on LaRue prospect Secs 7,8 T62N R14W.

**Date Generated:** 1920

**By:** Lalonde & Strong

**DNR Storage Location:** Assessment files (62-14-7 #2)

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---

**Donor:** USX

**Location:** 62-14-7,8

**Data Donated:** Armstrong Lease: DDH locations Secs 7,8 T62N R14W.

**Date Generated:** 1915

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-14-7,8

**Data Donated:** Sketch of part of Secs 7,8 T62N R14W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-14-7,8

**Data Donated:** Armstrong Bay Mine: composite map.

**Date Generated:** 1923

**By:** Chippewa Iron Mining Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-14-8

**Data Donated:** Report of drilling on S1/2 SE1/4 Sec 7 and  
S1/2 SW1/4 Sec 8 T62N R14W.

**Date Generated:** unknown

**By:** Minnesota Iron Co.

**DNR Storage Location:** Assessment files (62-14-8 #2)

---

---

**Donor:** USX

**Location:** 62-14-8

**Data Donated:** Report of drilling on Secs 7,8 T62N R14W.

**Date Generated:** 1918

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (62-14-8 #2)

---

**Donor:** USX

**Location:** 62-14-8

**Data Donated:** Report on LaRue prospect Secs 7,8 T62N R14W.

**Date Generated:** 1920

**By:** Lalonde & Strong

**DNR Storage Location:** Assessment files (62-14-8 #2)

---

**Donor:** USX

**Location:** 62-14-8

**Data Donated:** Exploration on Sec 8 T62N R14W.

**Date Generated:** 1943

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 62-14-9

**Data Donated:** DDH X-section NE1/4 Sec 9 T62N R14W.

**Date Generated:** ca 1930

**By:** Whiteside Exploration

**DNR Storage Location:** Assessment files (62-14-9 #4)

---

---

**Donor:** USX

**Location:** 62-14-9

**Data Donated:** DDH X-sections NE1/4 Sec 9 T62N R14W.

**Date Generated:** 1930

**By:** Whiteside Exploration

**DNR Storage Location:** Assessment files (62-14-9 #4)

---

**Donor:** USX

**Location:** 62-14-9

**Data Donated:** Exploration on Sec 9 T62N R14W (2 sheets).

**Date Generated:** 1942

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 62-15

**Data Donated:** Detail map of a portion of T61, T62N R15W  
showing observed rock exposures.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 62-15

**Data Donated:** Geologic map Tower-Soudan area T61N R15W  
and T62N R15W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 62-15

**Data Donated:** Geologic map Tower-Soudan area with dip needle survey T61N R15W and T62N R15W.

**Date Generated:** unknown      **By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-15

**Data Donated:** General exploration and geologic features T62,63N R15W.

**Date Generated:** unknown      **By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-15

**Data Donated:** Soudan Mine: geophysical data, geological investigations, drill records T62N R15W.

**Date Generated:** 1901-1960      **By:** various .

**DNR Storage Location:** File drawer of Soudan Mine data

---

**Donor:** USX

**Location:** 62-15

**Data Donated:** Map of south 1/2 of T62N R15W, St. Louis Co. (3 sheets).

**Date Generated:** 1936      **By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A8

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---

**Donor:** USX

**Location:** 62-15

**Data Donated:** Plan/profile of proposed sewer for  
16, 17, 18, Main St. T62N R15W.

**Date Generated:** 1939

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A8

---

**Donor:** USX

**Location:** 62-15

**Data Donated:** Tower-Soudan: water supply profile T62N R15W.

**Date Generated:** 1947

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A8

---

**Donor:** USX

**Location:** 62-15

**Data Donated:** Profile of proposed water line from Wells to  
Tower/Soudan water line T62N R15W.

**Date Generated:** 1946

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A8

---

**Donor:** USX

**Location:** 62-15

**Data Donated:** Geologic map of T62N R15W.

**Date Generated:** ca 1942

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 62-15-21

**Data Donated:** Long Island: map of lots Sec 21 T62N R15W.

**Date Generated:** 1948

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 62-15-24

**Data Donated:** Drilling report on NW1/4 SW1/4 Sec 24 T62N R15W.

**Date Generated:** 1901

**By:** Oliver Iron Mining Co.(?)

**DNR Storage Location:** Assessment files (62-15-24 #1)

---

**Donor:** USX

**Location:** 62-15-24

**Data Donated:** Exploration on Sec 24 T62N R15W.

**Date Generated:** 1942

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 62-15-24

**Data Donated:** DDH locations NW1/4 SW1/4 and SW1/4 NW1/4  
Sec 24 T62N R15W.

**Date Generated:** 1901

**By:** Minnesota Iron Co.

**DNR Storage Location:** Map drawer A9

---



---

**Donor:** USX

**Location:** 62-15-24

**Data Donated:** DDH X-section NW1/4 SW1/4 and SW1/4 NW1/4  
Sec 24 T62N R15W.

**Date Generated:** 1901

**By:** Minnesota Iron Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-15-27

**Data Donated:** Drilling report NW1/4 NE1/4 Sec 27 T62N R15W.

**Date Generated:** 1901

**By:** Oliver Iron Mining Co. (?)

**DNR Storage Location:** Assessment files (62-15-27 #2)

---

**Donor:** USX

**Location:** 62-15-27

**Data Donated:** Soudan Mine: stockpile map Sec 27 T62N R15W.

**Date Generated:** 1911

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 62-15-27

**Data Donated:** Soudan Mine: map of sewage disposal plant area  
Sec 27 T62N R15W.

**Date Generated:** 1939

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A8

---

---

**Donor:** USX

**Location:** 62-15-27

**Data Donated:** DDH X-sections SE1/4 Sec 27 T62N R15W.

**Date Generated:** 1899

**By:** Minnesota Iron Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-15-27

**Data Donated:** DDH X-sections NE1/4 Sec 27 T62N R15W.

**Date Generated:** 1890

**By:** Minnesota Iron Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-15-27

**Data Donated:** DDh X-sections NW1/4 NE1/4 Sec 27 T62N R15W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-15-27

**Data Donated:** DDH location NW1/4 NE1/4 Sec 27 T62N R15W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 62-15-27

**Data Donated:** Location and geology map Sec 27 T62N R15W.

**Date Generated:** unknown

**By:** Minnesota Iron Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-15-27

**Data Donated:** Location and geology map Sec 27 T62N R15W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-15-27,28

**Data Donated:** Stuntz Bay of Lake Vermilion, map of west end  
with soundings Secs 27,28 T62N R15W.

**Date Generated:** 1924

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 62-15-27,31

**Data Donated:** Soudan: water mains, gate valves, and fire  
hydrants (2 sheets) Secs 27,31 T62N R15W.

**Date Generated:** 1929

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A8

---

---

**Donor:** USX

**Location:** 62-15-27,31

**Data Donated:** Soudan: water mains, gate valves, and fire hydrants (2 sheets) Secs 27,31 T62N R15W.

**Date Generated:** 1949

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A8

---

**Donor:** USX

**Location:** 62-15-28

**Data Donated:** Drilling report SW1/4 NE1/4 Sec 28 T62N R15W.

**Date Generated:** 1901

**By:** Oliver Iron Mining Co.(?)

**DNR Storage Location:** Assessment files (62-15-28 #1)

---

**Donor:** USX

**Location:** 62-15-28

**Data Donated:** Drilling report SW1/4 NW1/4 Sec 28 T62N R15W.

**Date Generated:** 1901

**By:** Oliver Iron Mining Co.(?)

**DNR Storage Location:** Assessment files (62-15-28 #1)

---

**Donor:** USX

**Location:** 62-15-28

**Data Donated:** DDH X-section Sec 28 T62N R15W.

**Date Generated:** 1901

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 62-15-28

**Data Donated:** Location map Sec 28 T62N R15W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-15-28

**Data Donated:** DDH location Sec 28 T62N R15W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-15-28

**Data Donated:** DDH X-sections Sec 28 T62N R15W.

**Date Generated:** 1901

**By:** Minnesota Iron Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-15-28

**Data Donated:** DDH X-sections W1/2 Sec 28 T62N R15W.

**Date Generated:** 1901

**By:** Minnesota Iron Co.

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 62-15-28

**Data Donated:** Location and geology map Sec 28 T62N R15W.

**Date Generated:** unknown

**By:** Minnesota Iron Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-15-29,32

**Data Donated:** Exploration on Secs 29,32 T62N R15W.

**Date Generated:** 1942

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 62-15-31

**Data Donated:** Map of Lots 1 and 2 Sec 31 T62N R15W.

**Date Generated:** 1930

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A8

---

**Donor:** USX

**Location:** 62-15-31

**Data Donated:** Tower: elevations of proposed site for  
addition to Tower School Sec 31 T62N R15W.

**Date Generated:** 1937

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A8

---

---

**Donor:** USX

**Location:** 62-15-31

**Data Donated:** Tower: location of gate valves on water mains  
Sec 31 T62N R15W.

**Date Generated:** 1928

**By:** unknown

**DNR Storage Location:** Map drawer A8

---

**Donor:** USX

**Location:** 62-15-31

**Data Donated:** Tower: plat of subdivision lot 5 Sec 31 T62N R15W.

**Date Generated:** 1949

**By:** unknown

**DNR Storage Location:** Map drawer A8

---

**Donor:** USX

**Location:** 62-15-31

**Data Donated:** Tower: profile of line north of Norway St.  
for water main to proposed reservoir Sec 31  
T62N R15W.

**Date Generated:** 1945

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A8

---

**Donor:** USX

**Location:** 62-15-32

**Data Donated:** Drilling report SE1/4 NE1/4 Sec 32 T62N R15W.

**Date Generated:** 1901

**By:** Oliver Iron Mining Co.(?)

**DNR Storage Location:** Assessment files (62-15-32 #1)

---

---

**Donor:** USX

**Location:** 62-15-32

**Data Donated:** Exploration on Sec 32 T62N R15W.

**Date Generated:** 1942

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 62-15-32

**Data Donated:** Tower: pipe line ties Sec 32 T62N R15W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A8

---

**Donor:** USX

**Location:** 62-15-32

**Data Donated:** DDH location map SE1/4 NE1/4 Sec 32 T62N R15W.

**Date Generated:** 1901

**By:** unknown .

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-15-32

**Data Donated:** DDH X-sections SE1/4 NE1/4 Sec 32 T62N R15W.

**Date Generated:** 1901

**By:** unknown

**DNR Storage Location:** Map drawer A9

---



---

**Donor:** USX

**Location:** 62-15-33

**Data Donated:** Drilling report NW1/4 SW1/4 Sec 33 T62N R15W.

**Date Generated:** 1901

**By:** Oliver Iron Mining Co.(?)

**DNR Storage Location:** Assessment files (62-15-33 #2)

---

**Donor:** USX

**Location:** 62-15-33

**Data Donated:** Exploration on Sec 33 T62N R15W (3 sheets).

**Date Generated:** 1942

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 62-15-33

**Data Donated:** Exploration on Sec 33 T62N R15W.

**Date Generated:** 1942

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 62-15-33

**Data Donated:** Tower Junction: map of S1/2 Sec 33 T62N R15W.

**Date Generated:** 1945

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

---

**Donor:** USX

**Location:** 62-15-33

**Data Donated:** Tower Junction: well site Sec 33 T62N R15W.

**Date Generated:** 1946

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A8

---

**Donor:** USX

**Location:** 62-15-33

**Data Donated:** DDH location NE1/4 SW1/4 Sec 33 T62N R15W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-15-33

**Data Donated:** DDH location Sec 33 T62N R15W.

**Date Generated:** 1902

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-15-33

**Data Donated:** DDH X-sections Sec 33 T62N R15W.

**Date Generated:** 1902

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 62-15-34

**Data Donated:** Soudan: school grounds Sec 34 T62N R15W.

**Date Generated:** 1946

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A8

---

**Donor:** USX

**Location:** 62-15-34

**Data Donated:** Soudan: elevations of proposed site  
for new Soudan School (2 sheets)  
Sec 34 T62N R15W.

**Date Generated:** 1938

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A8

---

**Donor:** USX

**Location:** 62-15-34

**Data Donated:** Soudan: plot of ash disposal tunnel  
Sec 34 T62N R15W.

**Date Generated:** 1934

**By:** Independent School District 9

**DNR Storage Location:** Map drawer A8

---

**Donor:** USX

**Location:** 62-15-34

**Data Donated:** Soudan: proposed sewer and water line  
Sec 34 T62N R15W.

**Date Generated:** 1955

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A8

---

---

**Donor:** USX

**Location:** 62-15-35

**Data Donated:** Exploration on Sec 35 T62N R15W.

**Date Generated:** 1943

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 62-15-35

**Data Donated:** DDH location NE1/4 NW1/4 Sec 35 T62N R15W.

**Date Generated:** 1902

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 62-15-35

**Data Donated:** DDH X-section NE1/4 NW1/4 Sec 35 T62N R15W.

**Date Generated:** 1902

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-10

**Data Donated:** General exploration and geologic features  
T63,64N R9,10W.

**Date Generated:** 1924(?)

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 63-10

**Data Donated:** Sketch showing junction of north and south  
Kawishiwi Rivers T63N R10W.

**Date Generated:** 1921(?)

**By:** George A. Fay

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-10

**Data Donated:** Geologic map of Madden Creek area T63N R10W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-10

**Data Donated:** General exploration and geologic features  
T63N R10W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-10-6,7

**Data Donated:** Exploration on Secs 6,7 T63N R10W,  
Sec 5 T62N R12W, and Sec 11 T63N R11W.

**Date Generated:** 1935

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

---

**Donor:** USX

**Location:** 63-11

**Data Donated:** Geologic map T63N R11W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-11

**Data Donated:** General exploration and geologic features  
T63N R11W.

**Date Generated:** 1944

**By:** US Steel

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-11

**Data Donated:** General exploration and geologic features  
T63N R11W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-11-11

**Data Donated:** Exploration on Secs 6,7 T62N R12W,  
Sec 5 T62N R12W, and Sec 11 T63N R11W.

**Date Generated:** 1935

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

---

**Donor:** USX

**Location:** 63-11-29

**Data Donated:** Outcrop map SW1/4 NE1/4 Sec 29 T63N R11W.

**Date Generated:** 1900

**By:** Brown & Miller Exploration

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-11-29

**Data Donated:** DDH X-sections Sec 29 T63N R11W.

**Date Generated:** 1900

**By:** Athol Expl/Eaton Expl

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-11-29

**Data Donated:** Sketch of Lot 4 and DDH X-section  
Sec 29 T63N R11W.

**Date Generated:** 1932(?)

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-11-29

**Data Donated:** Exploration map and drilling reports  
Secs 29,30 T63N R11W.

**Date Generated:** 1900

**By:** Athol Exploration

**DNR Storage Location:** Assessment files (63-11-29 #2)

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---

**Donor:** USX

**Location:** 63-11-29,30

**Data Donated:** Exploration on Secs 29,30 T63N R11W.

**Date Generated:** 1907

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 63-11-30

**Data Donated:** Exploration map and drilling reports  
Secs 29,30 T63N R11W.

**Date Generated:** 1900

**By:** Athol Exploration

**DNR Storage Location:** Assessment files (63-11-30 #3)

---

**Donor:** USX

**Location:** 63-11-30

**Data Donated:** Geologic map of NE1/4 SE1/4 Sec 30 T63N R11W.

**Date Generated:** 1917

**By:** unknown

**DNR Storage Location:** Assessment files (63-11-30 #3)

---

**Donor:** USX

**Location:** 63-11-30

**Data Donated:** Chippewa Iron Mining: composite underground map  
Sec 30 T63N R11W.

**Date Generated:** unknown

**By:** Chippewa Iron Mining Co.

**DNR Storage Location:** Assessment files (63-11-30 #3)

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**Donor:** USX

**Location:** 63-11-30

**Data Donated:** Exploration on Sec 30 T63N R11W (2 sheets).

**Date Generated:** 1905

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 63-11-30

**Data Donated:** Exploration on NE1/4 SW1/4 Sec 30 T63N R11W.

**Date Generated:** 1907

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 63-11-30

**Data Donated:** St. Clair Mine Sec 30 T63N R11W.

**Date Generated:** 1912

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-11-30

**Data Donated:** Shagawa Shaft #1 X-section Sec 30 T63N R11W.

**Date Generated:** 1910

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

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---

**Donor:** USX

**Location:** 63-11-30

**Data Donated:** Section 30 Mine Sec 30 T63N R11W.

**Date Generated:** 1912

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-11-30

**Data Donated:** Section 30 Mine: longitudinal X-section  
Sec 30 T63N R11W.

**Date Generated:** 1914

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-11-30

**Data Donated:** Section 30 Mine: lease map Sec 30 T63N R11W.

**Date Generated:** 1918

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-11-30

**Data Donated:** Section 30 Mine: pit map Sec 30 T63N R11W.

**Date Generated:** 1915(?)

**By:** unknown

**DNR Storage Location:** Map drawer A7

---

---

**Donor:** USX

**Location:** 63-11-30

**Data Donated:** DDH X-sections NE1/4 SE1/4 Sec 30 T63N R11W.

**Date Generated:** 1900

**By:** Brown & Miller Exploration

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-11-30

**Data Donated:** DDH X-sections Sec 30 T63N R11W.

**Date Generated:** 1903

**By:** Eaton & Merritt & Hyde Expl

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-11-30

**Data Donated:** DDH X-sections Sec 30 T63N R11W.

**Date Generated:** 1901

**By:** Whiteside Exploration

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-11-30

**Data Donated:** DDH locations and geologic map NE1/4 SE1/4  
Sec 30 T63N R11W.

**Date Generated:** 1900

**By:** Athol Exploration

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 63-11-30

**Data Donated:** Section 30 Mine: Romberg and vicinity surface map  
Sec 30 T63N R11W and Sec 25 T63N R12W.

**Date Generated:** 1955

**By:** J & L Steel Corp.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12

**Data Donated:** Map of portions T63N R12W and T62N R12W.

**Date Generated:** 1913

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12

**Data Donated:** Map of mines at Ely, MN. T63N R12W.

**Date Generated:** 1956

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12

**Data Donated:** Map of T63N R12W showing location of mines.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A7

---

---

**Donor:** USX

**Location:** 63-12

**Data Donated:** Geologic map T63N R12W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-12

**Data Donated:** General exploration and geologic features  
T63N R12W.

**Date Generated:** 1927(?)

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-12 (?)

**Data Donated:** Savoy-Sibley line: X-sections looking east  
T63N R12W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-24

**Data Donated:** Exploration on Sec 24 T63N R12W.

**Date Generated:** 1944

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

---

**Donor:** USX

**Location:** 63-12-25

**Data Donated:** Section 30 Mine: Romberg and vicinity surface map  
Sec 30 T63N R11W and Sec 25 T63N R12W.

**Date Generated:** 1955

**By:** J & L Steel Corp.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-25

**Data Donated:** Exploration on Sec 25 T63N R12W (2 sheets).

**Date Generated:** 1942

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 63-12-25

**Data Donated:** Exploration on Sec 25 T63N R12W.

**Date Generated:** unknown

**By:** unknown .

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 63-12-25

**Data Donated:** Romberg Mine: X-sections of DDH 1-17 (except 9)  
(16 sheets) Sec 25 T63N R12W.

**Date Generated:** 1912

**By:** Vermilion Range Land Co.

**DNR Storage Location:** Map drawer A7

---

---

**Donor:** USX

**Location:** 63-12-25

**Data Donated:** Romberg Mine: plan of 246' level Sec 25  
T63N R12W.

**Date Generated:** 1912

**By:** Vermilion Range Land Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-25

**Data Donated:** DDH locations E1/2 Sec 25 T63N R12W.

**Date Generated:** unknown

**By:** Silverman Exploration

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-12-25

**Data Donated:** DDH X-sections NE1/4 and N1/2 SE1/4 Sec 25  
T63N R12W.

**Date Generated:** 1900

**By:** Silverman Exploration

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-12-26

**Data Donated:** DDH X-section SW1/4 Sec 26 T63N R12W.

**Date Generated:** 1910

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Assessment files (63-12-26 #2)

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---

**Donor:** USX

**Location:** 63-12-26

**Data Donated:** Exploration on Sec 26 T63N R12W.

**Date Generated:** 1923

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 63-12-26

**Data Donated:** Savoy Mine: location of test pits Sec 26  
T63N R12W.

**Date Generated:** 1915

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-26

**Data Donated:** Savoy Mine: DDH #1 X-section Sec 26 T63N R12W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-26

**Data Donated:** Sibley-Silverman line: X-sections looking east  
Sec 26 T63N R12W.

**Date Generated:** unknown

**By:** Silverman Explorations

**DNR Storage Location:** Map drawer A7

---



---

**Donor:** USX

**Location:** 63-12-26

**Data Donated:** Pit and DDH locations Sec 26 T63N R12W.

**Date Generated:** 1901

**By:** Silverman Exploration

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-12-26

**Data Donated:** DDH X-sections Sec 26 T63N R12W.

**Date Generated:** 1901

**By:** Silverman Exploration

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-12-26,27

**Data Donated:** Exploration on Secs 26,27 T63N R12W (2 sheets).

**Date Generated:** 1932

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 63-12-26,27

**Data Donated:** Ely Trough: geologic map at 11th level Pioneer  
Mine/12th level Zenith Mine Secs 26,27 T63N R12W.

**Date Generated:** 1928

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

---

**Donor:** USX

**Location:** 63-12-26,27

**Data Donated:** Ely Trough: geologic map at 12th level Zenith/  
12th level Pioneer/5th level Sibley Secs 26,27  
T63N R12W.

**Date Generated:** 1928

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-26,27

**Data Donated:** Ely Trough: X-sections A-G to accompany geologic  
map Secs 26,27 T63N R12W.

**Date Generated:** 1928

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-26,27

**Data Donated:** Sibley shaft: X-section C-D looking east  
Secs 26,27 T63N R12W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-26,27

**Data Donated:** Sibley Mine: 5th level DDH #1 Secs 26,27  
T63N R12W.

**Date Generated:** 1909

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

---

**Donor:** USX

**Location:** 63-12-26,27

**Data Donated:** Sibley Mine: subsidence map Secs 26,27 T63N R12W.

**Date Generated:** 1943

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-26,27

**Data Donated:** Sibley and Pioneer Mines: subsidence map  
Secs 26,27 T63N R12W.

**Date Generated:** 1948

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-26,27

**Data Donated:** Sibley Mine: surface map and subsidence map  
Secs 26,27 T63N R12W.

**Date Generated:** 1939

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-26,27

**Data Donated:** Zenith-Sibley mines: Section 1600E Secs 26,27  
T63N R12W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A7

---

---

**Donor:** USX

**Location:** 63-12-26,27

**Data Donated:** Sibley Mine: Section 2200W Secs 26,27 T63N R12W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-26,27

**Data Donated:** Sibley Mine X-sections (13 sheets) Secs 26,27  
T63N R12W.

**Date Generated:** 1944

**By:** unknown

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-27

**Data Donated:** Zenith Mine: surface map Sec 27 T63N R12W.

**Date Generated:** 1946

**By:** Vermilion Mining Co.

**DNR Storage Location:**

---

**Donor:** USX

**Location:** 63-12-27

**Data Donated:** Zenith Mine: 13th, 14th, 15th, 16th level maps  
Sec 27 T63N R12W.

**Date Generated:** 1947

**By:** Vermilion Mining Co.

**DNR Storage Location:**

---

---

**Donor:** USX

**Location:** 63-12-27

**Data Donated:** Zenith Mine: longitudinal section and sublevel  
maps (9 sheets) Sec 27 T63N R12W.

**Date Generated:** 1960

**By:** Vermilion Mining Co.

**DNR Storage Location:**

---

**Donor:** USX

**Location:** 63-12-27

**Data Donated:** Zenith Mine: longitudinal section and sublevel  
maps (11 sheets) Sec 27 T63N R12W.

**Date Generated:** 1961

**By:** Zenith Mining Co.

**DNR Storage Location:**

---

**Donor:** USX

**Location:** 63-12-27

**Data Donated:** Zenith Mine longitudinal section and sublevel  
maps (14 sheets) Sec 27 T63N R12W.

**Date Generated:** 1962

**By:** Vermilion Mining Co.

**DNR Storage Location:**

---

**Donor:** USX

**Location:** 63-12-27

**Data Donated:** Pioneer Mine: DDH 101 X-section W1/4 Sec 27  
T63N R12W.

**Date Generated:** 1919

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Assessment files (63-12-27 #2)

---

---

**Donor:** USX

**Location:** 63-12-27

**Data Donated:** Zenith Mine: DDH 15 X-section Sec 27 T63N R12W.

**Date Generated:** 1912

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Assessment files (63-12-27 #2)

---

**Donor:** USX

**Location:** 63-12-27

**Data Donated:** Pioneer Mine: DDH 102 X-section Sec 27 T63N R12W.

**Date Generated:** 1919

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Assessment files (63-12-27 #2)

---

**Donor:** USX

**Location:** 63-12-27

**Data Donated:** Exploration on Sec 27 T63N R12W (2 sheets).

**Date Generated:** 1921

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 63-12-27

**Data Donated:** Exploration on Sec 27 T63N R12W.

**Date Generated:** 1908

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

---

**Donor:** USX

**Location:** 63-12-27

**Data Donated:** Zenith mine and vicinity map Sec 27 T63N R12W.

**Date Generated:** 1946

**By:** Vermilion Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-27

**Data Donated:** Pioneer Mine: subsidence map Sec 27 T63N R12W.

**Date Generated:** 1940

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-27

**Data Donated:** Pioneer Mine: subsidence map Sec 27 T63N R12W.

**Date Generated:** 1946

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-27

**Data Donated:** Pioneer Mine: 300E looking west Sec 27 T63N R12W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A7

---

---

**Donor:** USX

**Location:** 63-12-27

**Data Donated:** Pioneer Mine: 1900E looking west Sec 27 T63N R12W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-27

**Data Donated:** Pioneer Mine: 2500E looking west Sec 27 T63N R12W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-27

**Data Donated:** Zenith Mine: inspection reports Sec 27 T63N R12W.

**Date Generated:** 1934-1945

**By:** E. Bolitho, Fee Rep.

**DNR Storage Location:** Map drawer A8

---

**Donor:** USX

**Location:** 63-12-27

**Data Donated:** Zenith Mine: 10th level exploration Sec 27  
T63N R12W.

**Date Generated:** 1902

**By:** Zenith Mines

**DNR Storage Location:** Map drawer A9

---



---

**Donor:** USX

**Location:** 63-12-27

**Data Donated:** Zenith Mine: DDH X-sections and  
10th level exploration Sec 27 T63N R12W.

**Date Generated:** 1902

**By:** Zenith Mine

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-12-28

**Data Donated:** Chandler Mine: 7th level Sec 28 T63N R12W.

**Date Generated:** 1942

**By:** Evergreen Mines Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-28

**Data Donated:** Chandler Mine: 8th level Sec 28 T63N R12W.

**Date Generated:** 1940-42

**By:** Evergreen Mines Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-28

**Data Donated:** Chandler Mine: 13th level Sec 28 T63N R12W.

**Date Generated:** 1941

**By:** Evergreen Mines Co.

**DNR Storage Location:** Map drawer A7

---

---

**Donor:** USX

**Location:** 63-12-28

**Data Donated:** Chandler Mine: 18th level Sec 28 T63N R12W.

**Date Generated:** 1942

**By:** Chandler Mines Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-28

**Data Donated:** Chandler Mine: 4th level, 1st sub.  
Sec 28 T63N R12W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-28

**Data Donated:** Chandler Mine: 5th level Sec 28 T63N R12W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-28

**Data Donated:** Chandler Mine: 19th level Sec 28 T63N R12W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A7

---

---

**Donor:** USX

**Location:** 63-12-28

**Data Donated:** Chandler Mine: composite 13th & 18th level drifts  
Sec 28 T63N R12W.

**Date Generated:** 1938

**By:** unknown

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-28

**Data Donated:** Chandler Mine: 3rd level Sec 28 T63N R12W.

**Date Generated:** 1942

**By:** Chandler Mines Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-28

**Data Donated:** Chandler Mine: 4th level Sec 28 T63N R12W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-28

**Data Donated:** Chandler Mine: 18th level (2 versions)  
Sec 28 T63N R12W.

**Date Generated:** 1941

**By:** Evergreen Mines Co.

**DNR Storage Location:** Map drawer A7

---

---

**Donor:** USX

**Location:** 63-12-28

**Data Donated:** Chandler Mine: 19th level Sec 28 T63N R12W.

**Date Generated:** 1941

**By:** Evergreen Mines Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-28

**Data Donated:** Chandler Mine: 13th level Sec 28 T63N R12W.

**Date Generated:** 1942

**By:** Chandler Mines Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-28

**Data Donated:** Chandler Mine: plan of proposed track for  
plant site #2 Sec 28 T63N R12W.

**Date Generated:** 1939

**By:** unknown

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-28

**Data Donated:** Chandler Mine: outline of surface and levels  
Sec 28 T63N R12W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A7

---

---

**Donor:** USX

**Location:** 63-12-28

**Data Donated:** Chandler Mine: levels 100-1300 (14 sheets)  
Sec 28 T63N R12W.

**Date Generated:** 1942

**By:** Chandler Mines Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-28

**Data Donated:** Chandler Mine: map Sec 28 T63N R12W.

**Date Generated:** 1912

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-28

**Data Donated:** Chandler Mine: 18th level Sec 28 T63N R12W.

**Date Generated:** 1940

**By:** unknown

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-12-28

**Data Donated:** Chandler Mine: surface map Sec 28 T63N R12W.

**Date Generated:** 1942

**By:** Evergreen Mines Co.

**DNR Storage Location:** Map drawer A7

---

---

**Donor:** USX

**Location:** 63-12-28

**Data Donated:** Chandler Mine: 7th level, #2 shaft  
Sec 28 T63N R12W.

**Date Generated:** unknown      **By:** Chandler Mine

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-12-28

**Data Donated:** Chandler Mine: DDH X-sections and  
7th level exploration Sec 28 T63N R12W.

**Date Generated:** unknown      **By:** Chandler Mine

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-12-32

**Data Donated:** Exploration on Sec 5 T62N R12W and  
Sec 32 T63N R12W.

**Date Generated:** 1913      **By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 63-12-33

**Data Donated:** Exploration on Sec 33 T63N R12W.

**Date Generated:** 1942      **By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

---

**Donor:** USX

**Location:** 63-12-33

**Data Donated:** Topographical survey Sec 33 T63N R12W.

**Date Generated:** 1914

**By:** Chas. A. Nutter

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-12-4

**Data Donated:** Lucky Boy-Anderson properties Sec 4 T63N R12W.

**Date Generated:** 1913

**By:** unknown

**DNR Storage Location:** Map drawer A7

---

**Donor:** USX

**Location:** 63-13

**Data Donated:** Geologic map T63N R13W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-13-25

**Data Donated:** Exploration on Sec 25 T63N R13W.

**Date Generated:** 1945

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

---

**Donor:** USX

**Location:** 63-14

**Data Donated:** Geologic map T63N R14W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-14

**Data Donated:** General exploration and geologic features  
T63N R14W.

**Date Generated:** 1944

**By:** US Steel

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-15

**Data Donated:** General exploration and geologic features  
T62,63N R15W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-15

**Data Donated:** Geologic map T63N R15W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A9

---



---

**Donor:** USX

**Location:** 63-15

**Data Donated:** General exploration and geologic features  
T63N R15W.

**Date Generated:** 1944

**By:** US Steel

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-15-36

**Data Donated:** DDH X-sections SE1/4 Sec 36 T63N R15W.

**Date Generated:** 1911

**By:** unknown

**DNR Storage Location:** Assessment files (63-15-36 #2)

---

**Donor:** USX

**Location:** 63-15-36

**Data Donated:** Exploration on Sec 36 T63N R15W.

**Date Generated:** 1943

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A6

---

**Donor:** USX

**Location:** 63-9

**Data Donated:** Geologic map of Warren property  
T63N R9W and T64N R9W.

**Date Generated:** 1951

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 63-9

**Data Donated:** General exploration and geologic features  
T63,64N R9,10W.

**Date Generated:** 1924(?)      **By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 63-9

**Data Donated:** Sketch showing magnetic ore deposits  
and geology T63N R9W.

**Date Generated:** 1914(?)      **By:** George A. Fay

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 64-10

**Data Donated:** General exploration and geologic features  
T63,64N R9,10W.

**Date Generated:** 1924(?)      **By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 64-2

**Data Donated:** Sketch of ore location T64,65N R2W.

**Date Generated:** unknown      **By:** George A. Fay

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 64-3

**Data Donated:** Sketch of ore location and geology T64,65N R3W.

**Date Generated:** unknown

**By:** George A. Fay

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 64-3

**Data Donated:** Exploration map of T64N R3W and T65N R3W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 64-3-1,2

**Data Donated:** Johnson Nickel Mining Co: map of iron ore property  
N1/2 Secs 1,2 T64N R3W.

**Date Generated:** ca 1908

**By:** Johnson Nickel Mining Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 64-5

**Data Donated:** Sketch of ore location T64N R5,6W.

**Date Generated:** ca 1890

**By:** George A. Fay

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 64-6

**Data Donated:** Sketch of ore location T64N R5,6W.

**Date Generated:** ca 1890

**By:** George A. Fay

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 64-9

**Data Donated:** Geologic map of Warren property  
T63N R9W and T64N R9W.

**Date Generated:** 1951

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 64-9

**Data Donated:** General exploration and geologic features  
T63,64N R9,10W.

**Date Generated:** 1924(?)

**By:** unknown.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 65-2

**Data Donated:** Sketch of ore location T64,65N R2W.

**Date Generated:** unknown

**By:** George A. Fay

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 65-3

**Data Donated:** Sketch of ore location and geology T64,65N R3W.

**Date Generated:** unknown

**By:** George A. Fay

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 65-3

**Data Donated:** Exploration map of T64N R3W and T65N R3W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 65-4

**Data Donated:** General exploration and geologic features  
T65N R4W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** 65-4-31

**Data Donated:** Sketch of ore location Sec 31 T65N R4W.

**Date Generated:** unknown

**By:** George A. Fay

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** 65-5-34

**Data Donated:** Sketch of ore location Sec 34 T65N R5W.

**Date Generated:** ca 1890

**By:** George A. Fay

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** Brainerd/Crosby area

**Data Donated:** Brainerd/Crosby area gravity map T45-46N R28-31W  
and T133-136N R25-30W.

**Date Generated:** 1959

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** Crow Wing Co.

**Data Donated:** Northeast Crow Wing Co.: total magnetic intensity.

**Date Generated:** ca 1952

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** Crow Wing Co.

**Data Donated:** Northeast Crow Wing Co.: total magnetic intensity  
originals & copies (4 sheets).

**Date Generated:** 1953

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

---

**Donor:** USX

**Location:** Cuyuna Range

**Data Donated:** Map of the Cuyuna Iron District (2 sheets).

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** Cuyuna Range

**Data Donated:** Exploration by the Cuyuna Iron & Manganese Co.

**Date Generated:** unknown

**By:** Cuyuna Iron & Manganese Co.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** Cuyuna Range

**Data Donated:** Ross Lake and Emily area: exploration 138-26,  
Sec 23 T138N R26W, Sec 9 T140N R25W,  
and Sec 33 T50N R27W (20 sheets).

**Date Generated:** 1949

**By:** Iron Range Mining Co.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** Cuyuna Range

**Data Donated:** Cuyuna Range geologic X-sections (82 sheets).

**Date Generated:** ca 1950

**By:** unknown

**DNR Storage Location:** Map drawer A11

---

---

**Donor:** USX

**Location:** Cuyuna Range

**Data Donated:** Crosby area: map showing mining properties  
T46-47N R27-30W and T134-135N R27W.

**Date Generated:** 1951

**By:** Lake Superior Iron Ore Assoc.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** Cuyuna Range

**Data Donated:** Cuyuna Range: DDH logs, Book 1.

**Date Generated:** ca 1954

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A16

---

**Donor:** USX

**Location:** Cuyuna Range

**Data Donated:** Cuyuna Range: DDH logs, Book 2.

**Date Generated:** ca 1958

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A16

---

**Donor:** USX

**Location:** Cuyuna Range

**Data Donated:** DDH logs from Mission, Perry Lake, Dean Lake,  
Bay Lake and Glen Townships, and East Ruth Lake.

**Date Generated:** ca 1958

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A16

---



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**Donor:** USX

**Location:** Cuyuna Range

**Data Donated:** Magnetic contour map of Cuyuna South Range.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** Cuyuna Range

**Data Donated:** Cuyuna Iron Range: geology of northern portion.

**Date Generated:** ca 1927

**By:** George A. Fay

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** Cuyuna Range

**Data Donated:** Cuyuna Range: super-dip town plats (38 sheets).

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** Cuyuna Range

**Data Donated:** Northeast Crow Wing Co.: bedrock geology  
T136-138N R25-27W.

**Date Generated:** 1959

**By:** Oliver Iron Mining Div.(?)

**DNR Storage Location:** Map drawer A17

---

---

**Donor:** USX

**Location:** Cuyuna Range

**Data Donated:** Emily area exploration Cass & Crow Wing Co.  
T137-140N R25-28W.

**Date Generated:** 1957

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** Cuyuna Range

**Data Donated:** Emily area gravity map Cass & Crow Wing Co.  
T137-140N R25-28W.

**Date Generated:** 1957

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** Cuyuna Range

**Data Donated:** Ownership map T139-141N R25-28W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** Cuyuna Range

**Data Donated:** Remer area: gravity map T141-144N R25-30W.

**Date Generated:** 1957

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A17

---

---

**Donor:** USX

**Location:** Cuyuna Range

**Data Donated:** Magnetic data T45-47N R24-26W.

**Date Generated:** unknown

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A17

---

**Donor:** USX

**Location:** Cuyuna/Vermilion

**Data Donated:** Cuyuna and Vermilion Range exploration sheets  
index.

**Date Generated:** 1943

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A16

---

**Donor:** USX

**Location:** Itasca Co.

**Data Donated:** Itasca Co. residual gravity survey, scale 1:250,00  
(8 sheets).

**Date Generated:** 1971(?)

**By:** US Steel

**DNR Storage Location:** Map drawer A10

---

**Donor:** USX

**Location:** T46-49 R15-21

**Data Donated:** Map of Carlton Co.

**Date Generated:** 1927

**By:** Oliver Iron Mining Co. (?)

**DNR Storage Location:** Map drawer A11

---

---

**Donor:** USX

**Location:** T52-56, R19-25

**Data Donated:** Map of T52-56N R19-25W.

**Date Generated:** 1906

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A11

---

**Donor:** USX

**Location:** Vermilion Range

**Data Donated:** Geologic map of Vermilion Range T61-63N R3-17W.

**Date Generated:** 1956

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** Vermilion Range

**Data Donated:** Geologic map of Vermilion Range T62-63N R12-16W.

**Date Generated:** 1930

**By:** Oliver Iron Mining Div.

**DNR Storage Location:** Map drawer A9

---

**Donor:** USX

**Location:** Vermilion Range

**Data Donated:** Geologic map T64-66N R6-8W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Map drawer A9

---

---

**Donor:** USX

**Location:** Vermilion Range

**Data Donated:** Map of portion of East Vermilion Range  
T64N R8-10W.

**Date Generated:** 1916

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Map drawer A9

---

**Donor:** Whiteside

**Location:** 134-27

**Data Donated:** Spider Lake area: magnetic profiles,  
contour magnograph, and correspondence.

**Date Generated:** 1931

**By:** H. I. Pearl

**DNR Storage Location:** Assessment files (135-27-0 #1)

---

**Donor:** Whiteside

**Location:** 134-27-4

**Data Donated:** Exploration on Secs 33,34 T135N R27W and  
Sec 4 T134N R27W.

**Date Generated:** 1913

**By:** Duluth Diamond Drilling Co.

**DNR Storage Location:** Assessment files (134-27-4 #1)

---

**Donor:** Whiteside

**Location:** 134-28

**Data Donated:** Spider Lake area: magnetic profiles,  
contour magnograph, and correspondence.

**Date Generated:** 1931

**By:** H. I. Pearl

**DNR Storage Location:** Assessment files (135-27-0 #1)

---

---

**Donor:** Whiteside

**Location:** 134-28-14

**Data Donated:** Exploration on SE1/4 NE1/4 and N1/2 SE1/4 Sec 14  
T134N R28W.

**Date Generated:** 1911

**By:** Duluth Diamond Drilling Co.

**DNR Storage Location:** Assessment files (134-28-14 #1)

---

**Donor:** Whiteside

**Location:** 135-27

**Data Donated:** Spider Lake area: magnetic profiles,  
contour magnograph, and correspondence.

**Date Generated:** 1931

**By:** H. I. Pearl

**DNR Storage Location:** Assessment files (135-27-0 #1)

---

**Donor:** Whiteside

**Location:** 135-27-3

**Data Donated:** Exploration on N1/2 and N1/2 S1/2 Sec 9 and E1/2  
Sec 3 T135N R27W.

**Date Generated:** 1913

**By:** Duluth Diamond Drilling Co.

**DNR Storage Location:** Assessment files (135-27-3 #1)

---

**Donor:** Whiteside

**Location:** 135-27-33

**Data Donated:** Exploration on Secs 33,34 T135N R27W and  
Sec 4 T134N R27W.

**Date Generated:** 1913

**By:** Duluth Diamond Drilling Co.

**DNR Storage Location:** Assessment files (134-27-4 #1)

---

---

**Donor:** Whiteside

**Location:** 135-27-33

**Data Donated:** Exploration on Sec 33 T135N R27W.

**Date Generated:** 1911

**By:** Duluth Diamond Drilling Co.

**DNR Storage Location:** Assessment files (135-27-33 #1)

---

**Donor:** Whiteside

**Location:** 135-27-34

**Data Donated:** Exploration on Secs 33,34 T135N R27W and  
Sec 4 T134N R27W.

**Date Generated:** 1913

**By:** Duluth Diamond Drilling Co.

**DNR Storage Location:** Assessment files (134-27-4 #1)

---

**Donor:** Whiteside

**Location:** 135-27-9

**Data Donated:** Exploration on N1/2 and N1/2 S1/2 Sec 9 and E1/2  
Sec 3 T135N R27W.

**Date Generated:** 1913

**By:** Duluth Diamond Drilling Co.

**DNR Storage Location:** Assessment files (135-27-9 #1)

---

**Donor:** Whiteside

**Location:** 135-28

**Data Donated:** Spider Lake area: magnetic profiles,  
contour magnograph, and correspondence.

**Date Generated:** 1931

**By:** H. I. Pearl

**DNR Storage Location:** Assessment files (135-27-0 #1)

---

---

**Donor:** Whiteside

**Location:** 136-26-29

**Data Donated:** Magnetic readings SE1/4 Sec 29 T136N R26W.

**Date Generated:** unknown

**By:** C.L.H.

**DNR Storage Location:** Assessment files (136-26-29 #1)

---

**Donor:** Whiteside

**Location:** 137-25-22

**Data Donated:** Exploration and X-sections on portions of  
T137N R25W and T137N R26W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Assessment files (137-25-22 #1)

---

**Donor:** Whiteside

**Location:** 137-25-27

**Data Donated:** Exploration and X-sections on portions of  
T137N R25W and T137N R26W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Assessment files (137-25-27 #2)

---

**Donor:** Whiteside

**Location:** 137-26

**Data Donated:** Magnetic survey T137N R26W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Assessment files (137-26-0 #2)

---



---

**Donor:** Whiteside

**Location:** 137-26-13

**Data Donated:** Exploration and X-sections on portions of  
T137N R25W and T137N R26W.

**Date Generated:** unknown      **By:** unknown

**DNR Storage Location:** Assessment files (137-26-13 #2)

---

**Donor:** Whiteside

**Location:** 137-26-3

**Data Donated:** Exploration on Secs 3,4,5 T137N R26W.

**Date Generated:** 1913-1950      **By:** various

**DNR Storage Location:** Assessment files (137-26-3 #2)

---

**Donor:** Whiteside

**Location:** 137-26-4

**Data Donated:** Exploration on Secs 3,4,5 T137N R26W.

**Date Generated:** 1913-1950      **By:** various

**DNR Storage Location:** Assessment files (137-26-4 #2)

---

**Donor:** Whiteside

**Location:** 137-26-5

**Data Donated:** Exploration on Secs 3,4,5 T137N R26W.

**Date Generated:** 1913-1950      **By:** various

**DNR Storage Location:** Assessment files (137-26-5 #2)

---

---

**Donor:** Whiteside

**Location:** 138-25

**Data Donated:** Magnetic survey T138N R25W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Assessment files (138-25-0 #2)

---

**Donor:** Whiteside

**Location:** 138-26

**Data Donated:** Ruth Lake and Lake Mary: area magnetic survey and ownership map T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-0 #2)

---

**Donor:** Whiteside

**Location:** 138-26-14

**Data Donated:** Exploration on Sec 14 T138N R26W.

**Date Generated:** 1914

**By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (138-26-14 #1)

---

**Donor:** Whiteside

**Location:** 138-26-17

**Data Donated:** Exploration on S1/2 Sec 17 T138N R26W.

**Date Generated:** 1913

**By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (138-26-17 #2)

---

---

**Donor:** Whiteside

**Location:** 138-26-23

**Data Donated:** Exploration on SW1/4 NE1/4 Sec 23 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-23 #2)

---

**Donor:** Whiteside

**Location:** 138-26-23

**Data Donated:** Exploration on NE1/4 NE1/4 Sec 23 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-23 #2)

---

**Donor:** Whiteside

**Location:** 138-26-23

**Data Donated:** Exploration on SW1/4 NE1/4 Sec 23 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-23 #2)

---

**Donor:** Whiteside

**Location:** 138-26-23

**Data Donated:** Exploration on SE1/4 NW1/4 Sec 23 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-23 #2)

---

---

**Donor:** Whiteside

**Location:** 138-26-23

**Data Donated:** Exploration on NE1/4 NE1/4 Sec 23 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-23 #2)

---

**Donor:** Whiteside

**Location:** 138-26-23

**Data Donated:** Exploration on SE1/4 NW1/4 Sec 23 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-23 #2)

---

**Donor:** Whiteside

**Location:** 138-26-23

**Data Donated:** Exploration on NW1/4 SE1/4 Sec 23 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-23 #2)

---

**Donor:** Whiteside

**Location:** 138-26-23

**Data Donated:** Exploration on SE1/4 NW1/4 Sec 23 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-23 #2)

---

---

**Donor:** Whiteside

**Location:** 138-26-23

**Data Donated:** Exploration on NE1/4 NE1/4 Sec 23 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-23 #2)

---

**Donor:** Whiteside

**Location:** 138-26-23

**Data Donated:** Exploration on SE1/4 NW1/4 Sec 23 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-23 #2)

---

**Donor:** Whiteside

**Location:** 138-26-23

**Data Donated:** Exploration on SW1/4 NW1/4 Sec 23 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-23 #2)

---

**Donor:** Whiteside

**Location:** 138-26-23

**Data Donated:** Exploration on NE1/4 NE1/4 Sec 23 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-23 #2)

---

---

**Donor:** Whiteside

**Location:** 138-26-23

**Data Donated:** Exploration on SE1/4 NE1/4 Sec 23 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-23 #2)

---

**Donor:** Whiteside

**Location:** 138-26-23

**Data Donated:** Exploration on SE1/4 NW1/4 Sec 23 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-23 #2)

---

**Donor:** Whiteside

**Location:** 138-26-23

**Data Donated:** Exploration on SE1/4 NW1/4 Sec 23 T138N R26W  
(2 sheets).

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-23 #2)

---

**Donor:** Whiteside

**Location:** 138-26-23

**Data Donated:** Exploration on SE1/4 NW1/4 Sec 23 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-23 #2)

---

---

**Donor:** Whiteside

**Location:** 138-26-23

**Data Donated:** Exploration on SW1/4 NE1/4 Sec 23 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-23 #2)

---

**Donor:** Whiteside

**Location:** 138-26-23

**Data Donated:** Exploration on section line between SW1/4 NE1/4  
and SE1/4 NW1/4 Sec 23 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-23 #2)

---

**Donor:** Whiteside

**Location:** 138-26-23

**Data Donated:** Exploration on NE1/4 NW1/4 Sec 23 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-23 #2)

---

**Donor:** Whiteside

**Location:** 138-26-24

**Data Donated:** Exploration on SW1/4 SW1/4 Sec 24 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-24 #2)

---

---

**Donor:** Whiteside

**Location:** 138-26-24

**Data Donated:** Exploration on NW1/4 SE1/4 Sec 24 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-24 #2)

---

**Donor:** Whiteside

**Location:** 138-26-24

**Data Donated:** Exploration on SW1/4 SE1/4 Sec 24 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-24 #2)

---

**Donor:** Whiteside

**Location:** 138-26-24

**Data Donated:** Exploration on NW1/4 NW1/4 Sec 24 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-24 #2)

---

**Donor:** Whiteside

**Location:** 138-26-25

**Data Donated:** Exploration on NW1/4 NW1/4 Sec 25 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-25 #2)

---



---

**Donor:** Whiteside

**Location:** 138-26-25

**Data Donated:** Exploration on NW1/4 Sec 25 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** Assessment files (138-26-25 #2)

---

**Donor:** Whiteside

**Location:** 138-26-26

**Data Donated:** Exploration on NE1/4 NE1/4 Sec 26 T138N R26W.

**Date Generated:** 1950

**By:** Syracuse Mining Co.

**DNR Storage Location:** check

---

**Donor:** Whiteside

**Location:** 138-26-3

**Data Donated:** Exploration on Sec 3 T138N R26W.

**Date Generated:** 1913

**By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (138-26-3 #1)

---

**Donor:** Whiteside

**Location:** 138-26-7

**Data Donated:** Exploration on SW1/4 Sec 7 T138N R26W.

**Date Generated:** unknown

**By:** Helmer Exploration Co.

**DNR Storage Location:** Assessment files (138-26-7 #2)

---

---

**Donor:** Whiteside

**Location:** 138-27-10

**Data Donated:** Exploration on S1/2 Sec 3 and SE1/4 Sec 10  
T138N R27W.

**Date Generated:** 1913

**By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (138-27-10 #1)

---

**Donor:** Whiteside

**Location:** 138-27-14

**Data Donated:** Exploration on NW1/4 NW1/4 Sec 14 and SE1/4 NW1/4  
Sec 26 T138N R27W.

**Date Generated:** unknown

**By:** Helmer Exploration Co.

**DNR Storage Location:** Assessment files (138-27-14 #1)

---

**Donor:** Whiteside

**Location:** 138-27-26

**Data Donated:** Exploration on NW1/4 NW1/4 Sec 14 and SE1/4 NW1/4  
Sec 26 T138N R27W.

**Date Generated:** unknown

**By:** Helmer Exploration Co.

**DNR Storage Location:** Assessment files (138-27-26 #1)

---

**Donor:** Whiteside

**Location:** 138-27-3

**Data Donated:** Exploration on S1/2 Sec 3 and SE1/4 Sec 10  
T138N R27W.

**Date Generated:** 1913

**By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (138-27-3 #1)

---

---

**Donor:** Whiteside

**Location:** 139-25

**Data Donated:** Magnetic survey T139N R25W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Assessment files (139-25-0 #1)

---

**Donor:** Whiteside

**Location:** 142-25

**Data Donated:** Exploration report T142N R25W.

**Date Generated:** 1906

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (142-25-0 #2)

---

**Donor:** Whiteside

**Location:** 45-27-15

**Data Donated:** Exploration on SW1/4 NE1/4 and SE1/4 NE1/4  
Sec 15 T45N R27W.

**Date Generated:** 1910

**By:** Gaylord and Guith

**DNR Storage Location:** Assessment files (45-27-15 #1)

---

**Donor:** Whiteside

**Location:** 45-29-7

**Data Donated:** Exploration on S1/2 SW1/4 and SW1/4 SE1/4 Sec 7  
T45N R29W.

**Date Generated:** 1911-1917

**By:** NW Improvement Co./Longyear

**DNR Storage Location:** Assessment files (45-29-7 #1)

---

---

**Donor:** Whiteside

**Location:** 45-29-7

**Data Donated:** Exploration and X-sections from Sec 7 T45N R29W.

**Date Generated:** 1923

**By:** various

**DNR Storage Location:** Assessment files (45-29-7 #1)

---

**Donor:** Whiteside

**Location:** 45-29-7

**Data Donated:** Exploration on NW1/2 SE1/4 Sec 7 T45N R29W.

**Date Generated:** 1915

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (45-29-7 #1)

---

**Donor:** Whiteside

**Location:** 45-29-8

**Data Donated:** Exploration on NW1/4 Sec 8 T45N R29W.

**Date Generated:** 1915

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (45-29-8 #1)

---

**Donor:** Whiteside

**Location:** 45-30-12

**Data Donated:** Exploration on S1/2 SE1/4 Sec 12 T45N R30W.

**Date Generated:** 1915

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (45-30-12 #1)

---

---

**Donor:** Whiteside

**Location:** 45-30-21

**Data Donated:** Exploration on SW1/4 NE1/4 and NW1/4 SE1/4 Sec 21  
T45N R30W.

**Date Generated:** 1929

**By:** various

**DNR Storage Location:** Assessment files (45-30-21 #1)

---

**Donor:** Whiteside

**Location:** 45-30-21

**Data Donated:** Correspondence, ore estimates, X-sections for  
proposed open pit SW1/4 NE1/4 and NW1/4 SE1/4  
Sec 21 T45N R30W.

**Date Generated:** 1923

**By:** unknown

**DNR Storage Location:** Assessment files (45-30-21 #1)

---

**Donor:** Whiteside

**Location:** 46-25-3

**Data Donated:** Exploration on Sec 3 T46N R25W.

**Date Generated:** 1910

**By:** Gaylord & Guith

**DNR Storage Location:** Assessment files (46-25-3 #1)

---

**Donor:** Whiteside

**Location:** 46-28-6

**Data Donated:** Exploration on NW1/4 NW1/4 Sec 6 T46N R28W.

**Date Generated:** 1909

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (46-28-6 #1)

---

---

**Donor:** Whiteside

**Location:** 46-29-10

**Data Donated:** Exploration on Secs 9,10 T46N R29W.

**Date Generated:** 1912

**By:** Crosby Exploration

**DNR Storage Location:** Assessment files (46-29-10 #1)

---

**Donor:** Whiteside

**Location:** 46-29-15

**Data Donated:** Exploration on NW1/4 and NE1/4 SE1/4 Sec 15  
T46N R29W.

**Date Generated:** 1906-1910

**By:** various

**DNR Storage Location:** Assessment files (46-29-15 #1)

---

**Donor:** Whiteside

**Location:** 46-29-22

**Data Donated:** Exploration on N1/2 SE1/2 Sec 22 T46N R29W.

**Date Generated:** 1909

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (46-29-22 #1)

---

**Donor:** Whiteside

**Location:** 46-29-22

**Data Donated:** Exploration on NE1/4 Sec 22 T46N R29W.

**Date Generated:** 1909

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (46-29-22 #1)

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---

**Donor:** Whiteside

**Location:** 46-29-24

**Data Donated:** Exploration on NW1/4 Sec 24 T46N R29W.

**Date Generated:** 1910

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (46-29-24 #1)

---

**Donor:** Whiteside

**Location:** 46-29-7

**Data Donated:** Magnetic survey of Sec 7 T46N R29W.

**Date Generated:** 1923

**By:** unknown

**DNR Storage Location:** Assessment files (46-29-7 #1)

---

**Donor:** Whiteside

**Location:** 46-29-9

**Data Donated:** Exploration on Secs 9,10 T46N R29W.

**Date Generated:** 1912

**By:** Crosby Exploration

**DNR Storage Location:** Assessment files (46-29-9 #1)

---

**Donor:** Whiteside

**Location:** 47-29-27

**Data Donated:** Preston Mine: X-sections N1/2 NW1/4 Sec 27  
T47N R29W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Assessment files (46-29-27 #1)

---

---

**Donor:** Whiteside

**Location:** 47-29-29

**Data Donated:** Dip needle survey and report of exploration on  
NW1/4 Sec 29 T47N R29W.

**Date Generated:** 1928

**By:** C. L. Holmberg

**DNR Storage Location:** Assessment files (47-29-29 #1)

---

**Donor:** Whiteside

**Location:** 48-25-11

**Data Donated:** Exploration on Secs 11,15,21 T48N R25W.

**Date Generated:** 1912

**By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (48-25-11 #1)

---

**Donor:** Whiteside

**Location:** 48-25-15

**Data Donated:** Exploration on Secs 11,15,21 T48N R25W.

**Date Generated:** 1912

**By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (48-25-15 #1)

---

**Donor:** Whiteside

**Location:** 48-25-21

**Data Donated:** Exploration on Secs 11,15,21 T48N R25W.

**Date Generated:** 1912

**By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (48-25-21 #1)

---



---

Donor: Whiteside

Location: 48-25-3

Data Donated: Exploration on Sec 3 T48N R25W.

Date Generated: 1912

By: Osterberg & Johnson

DNR Storage Location: Assessment files (48-25-3 #1)

---

Donor: Whiteside

Location: 52-27-23

Data Donated: Exploration on Sec 23 T52N R27W.

Date Generated: 1914

By: Osterberg & Johnson

DNR Storage Location: Assessment files (52-27-23 #1)

---

Donor: Whiteside

Location: 53-19-15

Data Donated: Report of exploration on NE1/4 NW1/4 Sec 15  
T53N R19W.

Date Generated: 1905

By: Longyear

DNR Storage Location: xx

---

Donor: Whiteside

Location: 56-23-1

Data Donated: Exploration on Sec 1 T56N R23W.

Date Generated: 1900

By: William Herner

DNR Storage Location: Assessment files (56-23-1 #1)

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**Donor:** Whiteside

**Location:** 56-24-23

**Data Donated:** Exploration on NW1/4 NE1/4 Sec 23 T56N R24W.

**Date Generated:** 1914

**By:** Duluth Diamond Drilling Co.

**DNR Storage Location:** Assessment files (56-24-23 #1)

---

**Donor:** Whiteside

**Location:** 57-18-1

**Data Donated:** Exploration on W1/2 NW1/4 Sec 1 T57N R18W.

**Date Generated:** 1910

**By:** G. G. Hartley

**DNR Storage Location:** Assessment files (57-18-1 #1)

---

**Donor:** Whiteside

**Location:** 57-20-8

**Data Donated:** Exploration on NW1/4 and NW1/4 SW1/4 Sec 8  
T57N R20W.

**Date Generated:** 1909-1910

**By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (57-20-8 #1)

---

**Donor:** Whiteside

**Location:** 57-21-11

**Data Donated:** Exploration on SE1/4 NE1/4 Sec 11 T57N R21W.

**Date Generated:** 1902

**By:** unknown

**DNR Storage Location:** Assessment files (57-21-11 #1)

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**Donor:** Whiteside

**Location:** 57-21-11

**Data Donated:** Exploration on Secs 11,12 T57N R21W.

**Date Generated:** 1902

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (57-21-11 #1)

---

**Donor:** Whiteside

**Location:** 57-21-12

**Data Donated:** Exploration on Secs 11,12 T57N R21W.

**Date Generated:** 1902

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (57-21-12 #1)

---

**Donor:** Whiteside

**Location:** 57-22-24

**Data Donated:** Exploration and drilling reports on SE1/4 SW1/4  
Sec 24 T57N R22W.

**Date Generated:** 1907

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (57-22-24 #1)

---

**Donor:** Whiteside

**Location:** 58-15-2

**Data Donated:** Exploration on SE/14 NW1/4 Sec. 2 T58N R15W.

**Date Generated:** 1915

**By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (58-15-2 #1)

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---

**Donor:** Whiteside

**Location:** 58-15-6

**Data Donated:** Exploration on NW1/4 NE1/4 Sec 6 T58N R15W.

**Date Generated:** 1909

**By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (58-15-6 #1)

---

**Donor:** Whiteside

**Location:** 58-16-1

**Data Donated:** Exploration on Lot 7 Sec 1 T58N R16W.

**Date Generated:** 1916

**By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (58-16-1 #1)

---

**Donor:** Whiteside

**Location:** 58-16-1

**Data Donated:** Exploration on Secs 1,2 T58N R16W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Assessment files (58-16-1 #1)

---

**Donor:** Whiteside

**Location:** 58-16-10

**Data Donated:** Exploration on NE1/4 Sec 10 T58N R16W.

**Date Generated:** 1903

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (58-16-10 #1)

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**Donor:** Whiteside

**Location:** 58-16-10

**Data Donated:** Exploration on NE1/4 and N1/2 SE1/4 Sec 10  
T58N R16W.

**Date Generated:** unknown

**By:** C. L. Judd

**DNR Storage Location:** Assessment files (58-16-10 #1)

---

**Donor:** Whiteside

**Location:** 58-16-11

**Data Donated:** Exploration on Sec 11 T58N R16W.

**Date Generated:** 1909-1911

**By:** various

**DNR Storage Location:** Assessment files (58-16-11 #1)

---

**Donor:** Whiteside

**Location:** 58-16-19

**Data Donated:** Exploration on SE1/4 NE1/4 and SW1/4 SW1/4 Sec 19  
T58N R16W.

**Date Generated:** 1907

**By:** Longyear

**DNR Storage Location:** Assessment files (58-16-19 #1)

---

**Donor:** Whiteside

**Location:** 58-16-2

**Data Donated:** Exploration on Secs 1,2 T58N R16W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Assessment files (58-16-2 #1)

---

---

**Donor:** Whiteside

**Location:** 58-16-3

**Data Donated:** Exploration, surface map, and DDH X-sections on  
Sec 3 T58N R16W.

**Date Generated:** 1903-1911      **By:** various

**DNR Storage Location:** Assessment files (58-16-3 #1)

---

**Donor:** Whiteside

**Location:** 58-16-4

**Data Donated:** Exploration on NW1/4 SE1/4 Sec 4 T58N R16W.

**Date Generated:** 1911      **By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (58-16-4 #1)

---

**Donor:** Whiteside

**Location:** 58-17-17

**Data Donated:** Exploration on N1/2 NW1/4 Sec 17 T58N R17W.

**Date Generated:** 1910      **By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (58-17-17 #1)

---

**Donor:** Whiteside

**Location:** 58-17-17

**Data Donated:** Exploration on Secs 8,17 T58N R17W.

**Date Generated:** unknown      **By:** Longyear

**DNR Storage Location:** Assessment files (58-17-17 #1)

---

---

**Donor:** Whiteside

**Location:** 58-17-19

**Data Donated:** Exploration on SE1/4 SW1/4 Sec 19 T58N R17W.

**Date Generated:** 1913

**By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (58-17-19 #1)

---

**Donor:** Whiteside

**Location:** 58-17-30

**Data Donated:** Exploration on SW1/4 NW1/4 Sec 30 T58N R17W.

**Date Generated:** 1909

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (58-17-30 #1)

---

**Donor:** Whiteside

**Location:** 58-17-4

**Data Donated:** Ore estimates on Lot 2 Sec 4 T58N R17W.

**Date Generated:** 1902

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (58-17-4 #2)

---

**Donor:** Whiteside

**Location:** 58-17-5

**Data Donated:** Exploration on NW1/4 SW1/4 Sec 5 T58N R17W.

**Date Generated:** 1910

**By:** unknown

**DNR Storage Location:** Assessment files (58-17-5 #2)

---

---

**Donor:** Whiteside

**Location:** 58-17-6

**Data Donated:** Exploration on W1/2 NW1/4 Sec 6 T58N R17W.

**Date Generated:** 1909-1917      **By:** various

**DNR Storage Location:** Assessment files (58-17-6 #1)

---

**Donor:** Whiteside

**Location:** 58-17-6

**Data Donated:** Drilling reports on Lot 5 Sec 6 T58N R17W.

**Date Generated:** 1905      **By:** Carlson Exploration Co.

**DNR Storage Location:** Assessment files (58-17-6 #1)

---

**Donor:** Whiteside      **Location:** 58-17-6

**Data Donated:** Exploration on Sec 6 T58N R17W.

**Date Generated:** unknown      **By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (58-17-6 #1)

---

**Donor:** Whiteside

**Location:** 58-17-8

**Data Donated:** Exploration on Secs 8,17 T58N R17W.

**Date Generated:** unknown      **By:** Longyear

**DNR Storage Location:** Assessment files (58-17-8 #1)

---



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**Donor:** Whiteside

**Location:** 58-17-9

**Data Donated:** Exploration, drilling reports, and analyses on  
NE1/4 SE1/4 Sec 9 T58N R17W.

**Date Generated:** 1910

**By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (58-17-9 #1)

---

**Donor:** Whiteside

**Location:** 58-18-16

**Data Donated:** Exploration on Sec 16 T58N R16W.

**Date Generated:** 1911

**By:** Rouchleau-Ray Mining Co.

**DNR Storage Location:** Assessment files (58-18-16 #1)

---

**Donor:** Whiteside

**Location:** 58-19

**Data Donated:** Field map and notes from T58N R19W.

**Date Generated:** 1901

**By:** William Flint

**DNR Storage Location:** Assessment files (58-19-various)

---

**Donor:** Whiteside

**Location:** 58-19-10

**Data Donated:** Exploration on E1/2 NW1/4 Sec 10 T58N R19W.

**Date Generated:** 1914

**By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (58-19-10 #1)

---

---

**Donor:** Whiteside

**Location:** 58-19-10

**Data Donated:** Exploration on Sec 10 T58N R19W.

**Date Generated:** 1904

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (58-19-10 #1)

---

**Donor:** Whiteside

**Location:** 58-19-12

**Data Donated:** Exploration on Sec 12 T58N R19W.

**Date Generated:** 1900

**By:** L. Rouchleau

**DNR Storage Location:** Assessment files (58-19-12 #1)

---

**Donor:** Whiteside

**Location:** 58-19-14

**Data Donated:** Exploration on Sec 14 T58N R19W.

**Date Generated:** 1900

**By:** L. Rouchleau

**DNR Storage Location:** Assessment files (58-19-14 #1)

---

**Donor:** Whiteside

**Location:** 58-19-15

**Data Donated:** Exploration on SW1/4 NW1/4 Sec 15 T58N R19W.

**Date Generated:** 1903

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (58-19-15 #1)

---

---

**Donor:** Whiteside

**Location:** 58-19-15

**Data Donated:** Exploration on NW1/4 NW1/4 Sec 15 T58N R19W.

**Date Generated:** 1903

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (58-19-15 #1)

---

**Donor:** Whiteside

**Location:** 58-19-15

**Data Donated:** Whiteside Mine: section maps, ore reserve estimates, valuations, and correspondence  
SW1/4 NW1/4 Sec 15 T58N R19W.

**Date Generated:** 1925

**By:** Shenango Furnace Co.

**DNR Storage Location:** Assessment files (58-19-15 #1)

---

**Donor:** Whiteside

**Location:** 58-19-15

**Data Donated:** Dean Mine: DDH locations, X-sections, surface maps, ore estimates, and correspondence  
Sec 15 T58N R19W.

**Date Generated:** 1902-1929

**By:** various

**DNR Storage Location:** Assessment files (58-19-15 #1)

---

**Donor:** Whiteside

**Location:** 58-19-16

**Data Donated:** Exploration on NW1/4 Sec 16 T58N R19W.

**Date Generated:** 1902

**By:** Longyear

**DNR Storage Location:** Assessment files (58-19-16 #1)

---

---

**Donor:** Whiteside

**Location:** 58-19-2

**Data Donated:** Exploration on S/12 Sec 2 T58N R19W.

**Date Generated:** 1902

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (58-19-2 #1)

---

**Donor:** Whiteside

**Location:** 58-20-22

**Data Donated:** Exploration on W1/2 NE1/4 Sec 22 T58N R20W.

**Date Generated:** unknown

**By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (58-20-22 #1)

---

**Donor:** Whiteside

**Location:** 58-20-24

**Data Donated:** Exploration on NE1/4 SE1/4 and SE1/4 NE1/4 Sec 24  
T58N R20W.

**Date Generated:** 1908

**By:** C. M. Donway

**DNR Storage Location:** Assessment files (58-20-24 #1)

---

**Donor:** Whiteside

**Location:** 58-20-26

**Data Donated:** Exploration on NE1/4 SW1/4 and NW1/4 SE1/4 Sec 26  
T58N R20W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Assessment files (58-20-26 #1)

---

---

**Donor:** Whiteside

**Location:** 58-20-32

**Data Donated:** Exploration on SE1/4 SE1/4, NW1/4 SE1/4,  
NE1/4 SE1/4 Sec 32 and N1/2 SW1/4, SW1/4 SW1/4  
Sec 33 T58N R20W.

**Date Generated:** unknown      **By:** unknown

**DNR Storage Location:** Assessment files (58-20-32 #2)

---

**Donor:** Whiteside

**Location:** 58-20-33

**Data Donated:** Exploration on SE1/4 SE1/4, NW1/4 SE1/4,  
NE1/4 SE1/4 Sec 32 and N1/2 SW1/4, SW1/4 SW1/4  
Sec 33 T58N R20W.

**Date Generated:** unknown      **By:** unknown

**DNR Storage Location:** Assessment files (58-20-33 #1)

---

**Donor:** Whiteside

**Location:** 58-20-33

**Data Donated:** Exploration on SE1/4 SE1/4 Sec 33 T58N R20W.

**Date Generated:** 1911

**By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (58-20-33 #1)

---

**Donor:** Whiteside

**Location:** 58-20-33

**Data Donated:** Exploration on NW1/4 SE1/4 Sec 33 T58N R20W.

**Date Generated:** 1927

**By:** unknown

**DNR Storage Location:** Assessment files (58-20-33 #1)

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**Donor:** Whiteside

**Location:** 58-20-33

**Data Donated:** Grace Mine: exploration on NE1/4 SE1/4 Sec 33,  
SW1/4 SW1/4 Sec 34, ore estimates, correspondence.

**Date Generated:** 1909-1930      **By:** various

**DNR Storage Location:** Assessment files (58-20-33 #1)

---

**Donor:** Whiteside

**Location:** 58-20-34

**Data Donated:** Grace Mine: exploration on NE1/4 SE1/4 Sec 33,  
SW1/4 SW1/4 Sec 34, ore estimates, correspondence.

**Date Generated:** 1909-1930      **By:** various

**DNR Storage Location:** Assessment files (58-20-34 #1)

---

**Donor:** Whiteside

**Location:** 58-21-36

**Data Donated:** Madeira Mine: exploration and ore estimates  
Sec 36 T58N R21W.

**Date Generated:** 1902-1910      **By:** various

**DNR Storage Location:** Assessment files (58-21-36 #1)

---

**Donor:** Whiteside

**Location:** 58-21-36

**Data Donated:** Exploration on S1/2 NE1/4 Sec 36 T58N R21W.

**Date Generated:** 1918      **By:** unknown

**DNR Storage Location:** Assessment files (58-21-36 #1)

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**Donor:** Whiteside

**Location:** 59-14-20

**Data Donated:** Exploration on SE1/4 SE1/4 Sec 20 T59N R14W.

**Date Generated:** 1906

**By:** D. M. Philbin Exploration

**DNR Storage Location:** Assessment files (59-14-20 #1)

---

**Donor:** Whiteside

**Location:** 59-14-30

**Data Donated:** Exploration on E1/2 SW1/4 Sec 30 T59N R14W.

**Date Generated:** 1910

**By:** various

**DNR Storage Location:** Assessment files (59-14-30 #1)

---

**Donor:** Whiteside

**Location:** 59-15-23

**Data Donated:** Exploration on S1/2 NE1/4 and N1/2 SE1/4 Sec 23  
T59N R15W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Assessment files (59-15-23 #1)

---

**Donor:** Whiteside

**Location:** 59-15-24

**Data Donated:** Exploration on NE1/4 NE1/4 Sec 24 T59N R15W.

**Date Generated:** 1915

**By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (59-15-24 #1)

---

---

**Donor:** Whiteside

**Location:** 59-15-24

**Data Donated:** Exploration on Sec 24 T59N R15W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Assessment files (59-15-24 #1)

---

**Donor:** Whiteside

**Location:** 59-15-28

**Data Donated:** Exploration on SW1/4 SW1/4 Sec 28, SE1/4 SE1/4  
Sec 29, NE1/4 NE1/4 Sec 32, NW1/4 NW1/4 Sec 33  
T59N R15W.

**Date Generated:** 1911

**By:** Longyear

**DNR Storage Location:** Assessment files (59-15-28 #1)

---

**Donor:** Whiteside

**Location:** 59-15-29

**Data Donated:** Exploration on SW1/4 SW1/4 Sec 28, SE1/4 SE1/4  
Sec 29, NE1/4 NE1/4 Sec 32, NW1/4 NW1/4 Sec 33  
T59N R15W.

**Date Generated:** 1911

**By:** Longyear

**DNR Storage Location:** Assessment files (59-15-29 #1)

---

**Donor:** Whiteside

**Location:** 59-15-32

**Data Donated:** Exploration on SW1/4 SW1/4 Sec 28, SE1/4 SE1/4  
Sec 29, NE1/4 NE1/4 Sec 32, NW1/4 NW1/4 Sec 33  
T59N R15W.

**Date Generated:** 1911

**By:** Longyear

**DNR Storage Location:** Assessment files (59-15-32 #1)

---



---

**Donor:** Whiteside

**Location:** 59-15-33

**Data Donated:** Exploration on SW1/4 SW1/4 Sec 28, SE1/4 SE1/4  
Sec 29, NE1/4 NE1/4 Sec 32, NW1/4 NW1/4 Sec 33  
T59N R15W.

**Date Generated:** 1911

**By:** Longyear

**DNR Storage Location:** Assessment files (59-15-33 #1)

---

**Donor:** Whiteside

**Location:** 59-17-31

**Data Donated:** Exploration on Sec 31 T59N R17W.

**Date Generated:** 1908

**By:** Arnold & Pickering

**DNR Storage Location:** Assessment files (59-17-31 #1)

---

**Donor:** Whiteside

**Location:** 59-17-31

**Data Donated:** Exploration on Sec 31,32 T59N R17W.

**Date Generated:** 1903-1909

**By:** various

**DNR Storage Location:** Assessment files (59-17-31 #1)

---

**Donor:** Whiteside

**Location:** 59-17-31

**Data Donated:** Exploration on SE1/4 NE1/4 Sec 31, NW1/4 SW1/4  
and SW1/4 NW1/4 Sec 32 T59N R17W.

**Date Generated:** 1907-1909

**By:** Cole & McDonald

**DNR Storage Location:** Assessment files (59-17-31 #1)

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---

**Donor:** Whiteside

**Location:** 59-17-32

**Data Donated:** Exploration on Sec 31,32 T59N R17W.

**Date Generated:** 1903-1909      **By:** various

**DNR Storage Location:** Assessment files (59-17-32 #1)

---

**Donor:** Whiteside

**Location:** 59-17-32

**Data Donated:** Sidney Mine: exploration, mine sections,  
correspondence N1/2 SE1/4 Sec 32 T59N R17W.

**Date Generated:** 1913-1956      **By:** various

**DNR Storage Location:** Assessment files (59-17-32 #1)

---

**Donor:** Whiteside

**Location:** 59-17-32

**Data Donated:** Exploration on Sec 32 T59N R17W.

**Date Generated:** unknown      **By:** Rouchleau

**DNR Storage Location:** Assessment files (59-17-32 #1)

---

**Donor:** Whiteside

**Location:** 59-17-32

**Data Donated:** Exploration on SE1/4 NE1/4 Sec 31, NW1/4 SW1/4  
and SW1/4 NW1/4 Sec 32 T59N R17W.

**Date Generated:** 1907-1909      **By:** Cole & McDonald

**DNR Storage Location:** Assessment files (59-17-32 #1)

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**Donor:** Whiteside

**Location:** 59-18-34

**Data Donated:** Exploration on Sec 34 T59N R18W.

**Date Generated:** 1903-1911      **By:** various

**DNR Storage Location:** Assessment files (59-18-34 #1)

---

**Donor:** Whiteside

**Location:** 59-18-34

**Data Donated:** Exploration on NE1/4 SE1/4 Sec 34 T59N R18W.

**Date Generated:** 1914      **By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (59-18-34 #1)

---

**Donor:** Whiteside

**Location:** 59-18-34

**Data Donated:** Exploration on Sec 34 T59N R18W.

**Date Generated:** 1907-1914      **By:** various

**DNR Storage Location:** Assessment files (59-18-34 #1)

---

**Donor:** Whiteside

**Location:** 60-12

**Data Donated:** Exploration on T60N R13W and T60N R12W.

**Date Generated:** 1903      **By:** R. B. Whiteside

**DNR Storage Location:** Assessment files (60-12-0 #1)

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**Donor:** Whiteside

**Location:** 60-13

**Data Donated:** Exploration on T60N R13W and T60N R12W.

**Date Generated:** 1903

**By:** R. B. Whiteside

**DNR Storage Location:** Assessment files (60-13-0 #1)

---

**Donor:** Whiteside

**Location:** 62-12-5

**Data Donated:** Andersen-Lucky Boy Mine: X-sections, DDH  
X-sections, exploration Sec 5 T62N R12W.

**Date Generated:** various

**By:** Chandler Iron Co.

**DNR Storage Location:** Assessment files (62-12-5 #4)

---

**Donor:** Whiteside

**Location:** 62-13-1

**Data Donated:** Location maps and drill hole X-sections  
Sec 1 T62N R13W.

**Date Generated:** unknown

**By:** Armstrong Iron Co.

**DNR Storage Location:** Assessment files (62-13-1 #3)

---

**Donor:** Whiteside

**Location:** 62-13-3

**Data Donated:** Field maps and notes Secs 3,5,6,9 T62N R13W.

**Date Generated:** 1901

**By:** William Flint

**DNR Storage Location:** Assessment files (62-13-3 #1)

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---

**Donor:** Whiteside

**Location:** 62-13-4

**Data Donated:** Field map and notes Sec 4 T62N R13W.

**Date Generated:** 1901

**By:** William Flint

**DNR Storage Location:** Assessment files (62-13-4 #2)

---

**Donor:** Whiteside

**Location:** 62-13-5

**Data Donated:** Field maps and notes Secs 3,5,6,9 T62N R13W.

**Date Generated:** 1901

**By:** William Flint

**DNR Storage Location:** Assessment files (62-13-5 #3)

---

**Donor:** Whiteside

**Location:** 62-13-6

**Data Donated:** Field maps and notes Secs 3,5,6,9 T62N R13W.

**Date Generated:** 1901

**By:** William Flint

**DNR Storage Location:** Assessment files (62-13-6 #3)

---

**Donor:** Whiteside

**Location:** 62-13-9

**Data Donated:** Field maps and notes Secs 3,5,6,9 T62N R13W.

**Date Generated:** 1901

**By:** William Flint

**DNR Storage Location:** Assessment files (62-13-9 #3)

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**Donor:** Whiteside

**Location:** 62-14

**Data Donated:** Outcrop map portions of T62N R14W and T63N R14W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Assessment files (62-14-0 #3)

---

**Donor:** Whiteside

**Location:** 62-14-10

**Data Donated:** Exploration report on NE1/4 SW1/4 and  
DDH X-sections for NE1/4 Sec 10 T62N R14W.

**Date Generated:** 1920

**By:** Minnesota Iron Co.

**DNR Storage Location:** Assessment files (62-14-10 #3)

---

**Donor:** Whiteside

**Location:** 62-14-17

**Data Donated:** Field map and notes Sec 17 T62N R14W.

**Date Generated:** 1901

**By:** William Flint

**DNR Storage Location:** Assessment files (62-14-17 #2)

---

**Donor:** Whiteside

**Location:** 62-14-18

**Data Donated:** Field map and notes Sec 18 T62N R14W.

**Date Generated:** 1901

**By:** William Flint

**DNR Storage Location:** Assessment files (62-14-18 #3)

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---

**Donor:** Whiteside

**Location:** 62-14-19

**Data Donated:** Field map, notes, and exploration on W1/2 NE1/4  
Sec 19 T62N R14W.

**Date Generated:** 1901-1903      **By:** Whiteside Exploration

**DNR Storage Location:** Assessment files (62-14-19 #2)

---

**Donor:** Whiteside

**Location:** 62-14-19

**Data Donated:** Exploration on E1/2 NE1/4 Sec 19 T62N R14W.

**Date Generated:** 1903

**By:** Shawmut Iron Co.

**DNR Storage Location:** Assessment files (62-14-19 #2)

---

**Donor:** Whiteside

**Location:** 62-14-4

**Data Donated:** Drill hole location map and X-sections on  
NE1/4 NW1/4 and NW1/4 NE1/4 Sec 4 T62N R14W.

**Date Generated:** 1911

**By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (62-14-4 #2)

---

**Donor:** Whiteside

**Location:** 62-14-5

**Data Donated:** Exploration on SW1/4 NW1/4, S1/2 NW1/4,  
SW1/4 NE1/4, NW1/4 SE1/4 Sec 5 T62N R14W.

**Date Generated:** unknown

**By:** Osterberg & Johnson et al.

**DNR Storage Location:** Assessment files (62-14-5 #2)

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---

**Donor:** Whiteside

**Location:** 62-14-5

**Data Donated:** Phoenix Mine: surface map Secs 5,6 T62N R14W.

**Date Generated:** unknown

**By:** Osterberg & Johnson et al.

**DNR Storage Location:** Assessment files (62-14-5 #2)

---

**Donor:** Whiteside

**Location:** 62-14-6

**Data Donated:** Phoenix Mine: surface map Secs 5,6 T62N R14W.

**Date Generated:** unknown

**By:** Osterberg & Johnson et al.

**DNR Storage Location:** Assessment files (62-14-6 #2)

---

**Donor:** Whiteside

**Location:** 62-18

**Data Donated:** Field map and notes Secs 1,2,3,10,11,12 T62N R18W.

**Date Generated:** 1901

**By:** William Flint

**DNR Storage Location:** Assessment files (62-18-0 #1)

---

**Donor:** Whiteside

**Location:** 63-10-10

**Data Donated:** Exploration on Secs 9,10 T63N R10W.

**Date Generated:** 1904

**By:** Little Lake Mining Co.

**DNR Storage Location:** Assessment files (63-10-9 #1)

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**Donor:** Whiteside

**Location:** 63-10-9

**Data Donated:** Exploration on Secs 9,10 T63N R10W.

**Date Generated:** 1904

**By:** Little Lake Mining Co.

**DNR Storage Location:** Assessment files (63-10-9 #1)

---

**Donor:** Whiteside

**Location:** 63-11-16

**Data Donated:** Exploration on E1/2 NE1/4 Sec 16 T63N R11W.

**Date Generated:** 1903

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (63-11-16 #1)

---

**Donor:** Whiteside

**Location:** 63-11-17

**Data Donated:** Exploration on Sec 17 T63N R11W.

**Date Generated:** 1903

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (63-11-17 #1)

---

**Donor:** Whiteside

**Location:** 63-11-19

**Data Donated:** Outcrop map and drilling reports Sec 19 T63N R11W.

**Date Generated:** 1928

**By:** Whiteside Exploration

**DNR Storage Location:** Assessment files (63-11-19 #1)

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---

**Donor:** Whiteside

**Location:** 63-11-19

**Data Donated:** Geologic map of portions of Sec 19 T63N R11W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Assessment files (63-11-19 #1)

---

**Donor:** Whiteside

**Location:** 63-11-19

**Data Donated:** Exploration on Sec 19 T63N R11W.

**Date Generated:** 1928

**By:** Whiteside Exploration

**DNR Storage Location:** Assessment files (63-11-19 #1)

---

**Donor:** Whiteside

**Location:** 63-11-19

**Data Donated:** Exploration and geology on Sec 19 T63N R11W.

**Date Generated:** 1928

**By:** Whiteside Exploration

**DNR Storage Location:** Assessment files (63-11-19 #1)

---

**Donor:** Whiteside

**Location:** 63-11-19

**Data Donated:** Outcrops and exploration on Sec 19 T63N R11W and  
NE1/4 SE1/4 Sec 24 T63N R12W.

**Date Generated:** 1929

**By:** Whiteside Exploration

**DNR Storage Location:** Assessment files (63-11-19 #1)

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---

**Donor:** Whiteside

**Location:** 63-11-29

**Data Donated:** Exploration on SE1/4 NW1/4 and SW1/4 NE1/4 Sec 29  
T63N R11W.

**Date Generated:** 1901

**By:** Eaton Exploration

**DNR Storage Location:** Assessment files (63-11-29 #2)

---

**Donor:** Whiteside

**Location:** 63-11-30

**Data Donated:** Section 30 Mine: geological report, geological  
map, and horizontal projections Sec 30 T63N R11W.

**Date Generated:** 1929

**By:** Hugh M. Roberts

**DNR Storage Location:** Assessment files (63-11-30 #3)

---

**Donor:** Whiteside

**Location:** 63-11-30

**Data Donated:** Exploration on NW1/4 NW1/4 Sec 30 T63N R11W.

**Date Generated:** unknown

**By:** Whiteside Exploration et al.

**DNR Storage Location:** Assessment files (63-11-30 #3)

---

**Donor:** Whiteside

**Location:** 63-11-30

**Data Donated:** Outcrop map, ownership map, drilling records,  
and correspondence Sec 25 T63N R12W and  
Sec 30 T63N R11W.

**Date Generated:** 1921

**By:** Minnesota Iron Company

**DNR Storage Location:** Assessment files (63-11-30 #3)

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**Donor:** Whiteside

**Location:** 63-12-24

**Data Donated:** Outcrops and exploration on Sec 19 T63N R11W and  
NE1/4 SE1/4 Sec 24 T63N R12W.

**Date Generated:** 1929

**By:** Whiteside Exploration

**DNR Storage Location:** Assessment files (63-12-24 #1)

---

**Donor:** Whiteside

**Location:** 63-12-24

**Data Donated:** Exploration on NE1/4 SW1/4 and S1/2 SW1/4 Sec 24  
T63N R12W.

**Date Generated:** 1928

**By:** Whiteside Exploration

**DNR Storage Location:** Assessment files (63-12-24 #1)

---

**Donor:** Whiteside

**Location:** 63-12-24

**Data Donated:** Exploration on SW1/4 SE1/4 Sec 24 T63N R12W.

**Date Generated:** 1913

**By:** Osterberg and Johnson

**DNR Storage Location:** Assessment files (63-12-24 #1)

---

**Donor:** Whiteside

**Location:** 63-12-25

**Data Donated:** Outcrop map, ownership map, drilling records,  
and correspondence Sec 25 T63N R12W and  
Sec 30 T63N R11W.

**Date Generated:** 1921

**By:** Minnesota Iron Company

**DNR Storage Location:** Assessment files (63-12-25 #2)

---

---

**Donor:** Whiteside

**Location:** 63-12-26

**Data Donated:** Exploration, DDH X-section, and drill report on  
E1/2 SW1/4 and W1/2 SE1/4 Sec 26 T63N R12W.

**Date Generated:** 1924

**By:** Silverman Exploration

**DNR Storage Location:** Assessment files (63-12-26 #2)

---

**Donor:** Whiteside

**Location:** 63-12-26

**Data Donated:** Savoy Mine: 3rd and 4th levels.

**Date Generated:** 1915-16

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Assessment files (63-12-26 #2)

---

**Donor:** Whiteside

**Location:** 63-12-27

**Data Donated:** Zenith Mine: examinations by Kennedy & Cook  
(1918), Allen & Wheelwright (1919), C.K. Leith  
(1920), and maps from 1925.

**Date Generated:** 1918-1925

**By:** various

**DNR Storage Location:** Assessment files (63-12-27 #3)

---

**Donor:** Whiteside

**Location:** 63-12-27

**Data Donated:** Zenith Mine: level maps, X-sections, exploration  
Sec 27 T63N R12W.

**Date Generated:** 1901-1922

**By:** Vermillion Mining Co.

**DNR Storage Location:** Assessment files (63-12-27 #3)

---

---

**Donor:** Whiteside

**Location:** 63-12-27

**Data Donated:** Pioneer Mine: X-sections and ore estimates.

**Date Generated:** 1918

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Assessment files (63-12-27 #3)

---

**Donor:** Whiteside

**Location:** 63-12-27

**Data Donated:** Pioneer Mine: 13th, 14th, 15th, and 16th levels  
Sec 27 T63N R12W.

**Date Generated:** 1949

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Assessment files (63-12-27 #3)

---

**Donor:** Whiteside

**Location:** 63-12-27

**Data Donated:** Zenith Mine: 14th, 15th, and 16th levels  
Sec 27 T63N R12W.

**Date Generated:** 1949

**By:** Oliver Iron Mining Co.

**DNR Storage Location:** Assessment files (63-12-27 #3)

---

**Donor:** Whiteside

**Location:** 63-12-31

**Data Donated:** Exploration and drill reports Sec 35,36 T63N R13W  
and Sec 31 T63N R12W.

**Date Generated:** 1906

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (63-12-31 #4)

---

---

**Donor:** Whiteside

**Location:** 63-12-32

**Data Donated:** Exploration, drilling reports, and drill hole  
X-sections SW1/4 SE1/4 Sec 32 T63N R12W.

**Date Generated:** 1899

**By:** unknown

**DNR Storage Location:** Assessment files (63-12-32 #2)

---

**Donor:** Whiteside

**Location:** 63-12-33

**Data Donated:** Topographical survey of portions of  
Sec 33 T63N R12W.

**Date Generated:** unknown

**By:** Charles A. Nutter

**DNR Storage Location:** Assessment files (63-12-33 #2)

---

**Donor:** Whiteside

**Location:** 63-12-33

**Data Donated:** Exploration and drill reports Sec 33 T63N R12W.

**Date Generated:** 1916,1923

**By:** Whiteside Explorations

**DNR Storage Location:** Assessment files (63-12-33 #2)

---

**Donor:** Whiteside

**Location:** 63-12-34

**Data Donated:** Exploration on Sec 34 T63N R12W.

**Date Generated:** 1916

**By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (63-12-34 #2)

---

---

**Donor:** Whiteside

**Location:** 63-12-35

**Data Donated:** Exploration on NW1/4 NE1/4 Sec 35 T63N R12W.

**Date Generated:** 1916

**By:** Osterberg & Johnson

**DNR Storage Location:** Assessment files (63-12-35 #3)

---

**Donor:** Whiteside

**Location:** 63-13-35

**Data Donated:** Exploration and drill reports Sec 35,36 T63N R13W  
and Sec 31 T63N R12W.

**Date Generated:** 1906

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (63-13-35 #4)

---

**Donor:** Whiteside

**Location:** 63-13-36

**Data Donated:** Exploration and drill reports Sec 35,36 T63N R13W  
and Sec 31 T63N R12W.

**Date Generated:** 1906

**By:** Cole & McDonald Exploration

**DNR Storage Location:** Assessment files (63-13-36 #4)

---

**Donor:** Whiteside

**Location:** 63-13-36

**Data Donated:** Exploration, geologic reports, and correspondence  
SE1/4 Sec 36 T63N R13W.

**Date Generated:** 1946

**By:** Whiteside Exploration

**DNR Storage Location:** Assessment files (63-13-36 #4)

---



---

**Donor:** Whiteside

**Location:** 63-14

**Data Donated:** Outcrop map portions of T62N R14W and T63N R14W.

**Date Generated:** unknown

**By:** unknown

**DNR Storage Location:** Assessment files (62-14-0 #3)

---

**Donor:** Whiteside

**Location:** 63-18

**Data Donated:** Field map and notes T63N R18W.

**Date Generated:** 1901

**By:** William Flint

**DNR Storage Location:** Assessment files (63-18-0 #1)

---

**Donor:** Whiteside

**Location:** 65-4-25

**Data Donated:** Sketch of a portion of Sec 25 T65N R4W.

**Date Generated:** 1924

**By:** unknown

**DNR Storage Location:** Assessment files (65-4-25 #2)

---

**Donor:** Whiteside

**Location:** Cuyuna Range

**Data Donated:** Map file 18 "Map of Cuyuna Iron Range."

**Date Generated:** 1912

**By:** various

**DNR Storage Location:** Map drawer A18

---

---

**Donor:** Whiteside

**Location:** Iron Ranges

**Data Donated:** Map file 264 "The Iron Belt of Minnesota showing the Vermilion, Mesaba, and Cuyuna Ranges."

**Date Generated:** unknown      **By:** unknown

**DNR Storage Location:** Map drawer A18

---

**Donor:** Whiteside

**Location:** Itasca Co.

**Data Donated:** Field reports and maps Itasca Co. exploration.

**Date Generated:** 1910,1911      **By:** R. B. Whiteside

**DNR Storage Location:** Assessment files (60-24-0 #3)

---

**Donor:** Whiteside

**Location:** Itasca Co.

**Data Donated:** Field reports and maps Itasca Co. exploration.

**Date Generated:** 1910,1911      **By:** R. B. Whiteside

**DNR Storage Location:** Assessment files (60-25-0 #3)

---

**Donor:** Whiteside

**Location:** Itasca Co.

**Data Donated:** Field reports and maps Itasca Co. exploration.

**Date Generated:** 1910,1911      **By:** R. B. Whiteside

**DNR Storage Location:** Assessment files (61-23-0 #1)

---

---

**Donor:** Whiteside

**Location:** Itasca Co.

**Data Donated:** Field reports and maps Itasca Co. exploration.

**Date Generated:** 1910,1911

**By:** R. B. Whiteside

**DNR Storage Location:** Assessment files (61-24-0 #2)

---

**Donor:** Whiteside

**Location:** Itasca Co.

**Data Donated:** Field reports and maps Itasca Co. exploration.

**Date Generated:** 1910,1911

**By:** R. B. Whiteside

**DNR Storage Location:** Assessment files (61-25-0 #2)

---



**Project 288  
Private Data Acquisition**

**APPENDIX B**

**Location Index**



T-R-S	DRILL		DONOR
	CORE	DATA	
27-24-24	X		MGS
27-24-27	X		MGS
28-22-26	X		MGS
29-24-23	X		MGS
31-19-6	X		MGS
T41-48 R25-32		X	Meridian Minerals
42-29-2	X		MGS
42-29-3	X		MGS
42-30-1	X		MGS
42-33-12		X	USX
T42-48 R25-32		X	Meridian Minerals
43-32		X	USX
44-21-32	X		American Shield
44-22-5	X		MGS
44-30		X	USX
44-30-5		X	USX
44-31-16		X	USX
44-32		X	USX
45-20-30		X	Anaconda Collection
45-21-25		X	Anaconda Collection
45-27		X	USX
45-27-15		X	Whiteside
45-28		X	Paramount
45-28		X	USX
45-28-2	X		MGS
45-28-8,9		X	USX
45-28-8,17		X	USX
45-29		X	USX
45-29-17,18		X	USX
45-29-18		X	USX
45-29-2		X	USX
45-29-3		X	USX
45-29-3,10		X	USX
45-29-7		X	Whiteside
45-29-7,8		X	USX
45-29-8		X	USX
45-29-8		X	Whiteside
45-30		X	USX
45-30-3		X	USX
45-30-9		X	USX
45-30-12		X	Whiteside
45-30-13		X	USX
45-30-14		X	USX
45-30-15		X	USX
45-30-20		X	USX
45-30-21		X	USX
45-30-21		X	Whiteside

T-R-S	DRILL CORE	DATA	DONOR
45-30-22		X	USX
45-30-27		X	USX
45-30-28		X	USX
45-30-29,30		X	USX
45-30-30		X	USX
45-30-31		X	USX
45-30-32		X	USX
45-31-36		X	USX
T46-49 R15-21		X	USX
T46-47 R29-30		X	USX
46-20		X	Anaconda Collection
46-21		X	Anaconda Collection
46-23-2	X		MGS
46-24		X	USX
46-24-13	X		MGS
46-25		X	USX
46-25-3		X	Whiteside
46-26-9	X		MGS
46-27		X	USX
46-28		X	Paramount
46-28		X	USX
46-28-2		X	USX
46-28-3		X	USX
46-28-6		X	USX
46-28-6		X	Whiteside
46-28-13	X		MGS
46-28-15		X	USX
46-28-16		X	USX
46-28-20		X	USX
46-28-21		X	USX
46-28-26	X		MGS
46-28-30		X	USX
46-29		X	USX
46-29-1		X	USX
46-29-2		X	USX
46-29-2,11		X	USX
46-29-3		X	USX
46-29-4		X	USX
46-29-4,5		X	USX
46-29-5		X	USX
46-29-6		X	USX
46-29-7		X	USX
46-29-7		X	Whiteside
46-29-8		X	USX
46-29-9		X	USX
46-29-9		X	Whiteside
46-29-9,10		X	USX



T-R-S	DRILL CORE	DATA	DONOR
46-29-10		X	USX
46-29-10		X	Whiteside
46-29-10,11		X	USX
46-29-11		X	USX
46-29-12		X	USX
46-29-15		X	USX
46-29-15		X	Whiteside
46-29-16		X	USX
46-29-17		X	USX
46-29-18		X	USX
46-29-19		X	USX
46-29-20		X	USX
46-29-22		X	Whiteside
46-29-24		X	Whiteside
46-29-36		X	USX
46-30-12		X	USX
46-30-13		X	USX
46-30-26		X	USX
46-30-35		X	USX
47-19-7	X		MGS
47-21-15	X		MGS
47-23-12	X		MGS
47-24		X	USX
47-25		X	USX
47-25-1		X	USX
47-26-4		X	USX
47-26-5	X		MGS
47-26-9		X	USX
47-26-19	X		MGS
47-27-28		X	USX
47-27-29,32		X	USX
47-27-31		X	USX
47-28		X	USX
47-28-19		X	USX
47-28-20		X	USX
47-28-21		X	USX
47-28-21,28		X	USX
47-28-26		X	USX
47-28-28		X	USX
47-28-29		X	USX
47-28-30		X	USX
47-28-31		X	USX
47-28-32		X	USX
47-29		X	USX
47-29-15		X	USX
47-29-20		X	USX
47-29-22		X	USX

T-R-S	DRILL CORE	DATA	DONOR
47-29-23		X	USX
47-29-23, 26		X	USX
47-29-24		X	USX
47-29-25		X	USX
47-29-26		X	USX
47-29-27		X	USX
47-29-27		X	Whiteside
47-29-28		X	USX
47-29-29		X	USX
47-29-29		X	Whiteside
47-29-29, 30		X	USX
47-29-30		X	USX
47-29-32		X	USX
47-29-33		X	USX
47-29-34		X	USX
47-29-35		X	USX
47-30-25		X	USX
48-19-18	X		MGS
48-20-20	X		MGS
48-21-29	X		MGS
48-22-15	X		MGS
48-22-29	X		MGS
48-25-3		X	Whiteside
48-25-11		X	Whiteside
48-25-15		X	Whiteside
48-25-21		X	Whiteside
48-25-22, 23		X	USX
48-26-35		X	USX
48-26-35		X	USX
49-23-26	X		MGS
50-14-22	X	X	GME
50-14-27	X	X	GME
51-17-16	X		MGS
51-22		X	USX
51-23		X	USX
T51-65 R5E-15W		X	Paramount
T52-56 R19-25		X	USX
52-22		X	USX
52-23		X	USX
52-27-23		X	Whiteside
53-14-6	X		American Shield
53-15-23	X		American Shield
53-15-24	X		American Shield
53-15-25	X		American Shield
53-19-15		X	Whiteside
53-19-32	X		MGS
54-18-18	X		MGS

T-R-S	DRILL CORE	DATA	DONOR
55-18-6	X		MGS
55-20-14	X		MGS
56-14		X	Echo Bay Mines
56-14-9	X		American Shield
56-23-1		X	Whiteside
56-24-20,29		X	Meridian Minerals
56-24-23		X	Whiteside
56-24-29		X	USX
57-14		X	Echo Bay Mines
57-14-27	X		American Shield
57-14-28	X		American Shield
57-14-28		X	Paramount
57-18-1		X	Whiteside
57-19-36	X		MGS
57-20-4		X	USX
57-20-8		X	Whiteside
57-21-11		X	Whiteside
57-21-12		X	Whiteside
57-22-24		X	Whiteside
58-14-21		X	Paramount
58-14-22		X	Paramount
58-14-23		X	Paramount
58-14-27		X	Paramount
58-14-28		X	Paramount
58-14-29		X	Paramount
58-15-2		X	Whiteside
58-15-6		X	Whiteside
58-16-1		X	Whiteside
58-16-2		X	Whiteside
58-16-3		X	Whiteside
58-16-4		X	Whiteside
58-16-10		X	Whiteside
58-16-11		X	Whiteside
58-16-19		X	Whiteside
58-16-32	X		MGS
58-17-4		X	Whiteside
58-17-5		X	Whiteside
58-17-6		X	Whiteside
58-17-8		X	Whiteside
58-17-9		X	Whiteside
58-17-17		X	Whiteside
58-17-19		X	Whiteside
58-17-30		X	Whiteside
58-18-16		X	Whiteside
58-19		X	Paramount
58-19		X	Whiteside
58-19-2		X	Whiteside

T-R-S	DRILL CORE	DATA	DONOR
58-19-10		X	Whiteside
58-19-12		X	Whiteside
58-19-13		X	USX
58-19-14		X	Whiteside
58-19-15		X	Whiteside
58-19-16		X	Whiteside
58-20-22		X	Whiteside
58-20-24		X	Whiteside
58-20-26		X	Whiteside
58-20-32		X	Whiteside
58-20-33		X	Whiteside
58-20-34		X	Whiteside
58-21-36		X	Whiteside
59-11		X	Paramount
59-13	X		Kennecott Corp.
59-13		X	USX
59-13-1		X	Paramount
59-13-12		X	Paramount
59-13-19	X		American Shield
59-13-19		X	Paramount
59-13-30		X	Paramount
59-14-20		X	Whiteside
59-14-30		X	Whiteside
59-14-34		X	USX
59-15-23		X	Whiteside
59-15-24		X	Whiteside
59-15-28		X	Whiteside
59-15-29		X	Whiteside
59-15-32		X	Whiteside
59-15-33		X	Whiteside
59-17-31		X	Whiteside
59-17-32		X	Whiteside
59-18-34		X	Whiteside
60-10		X	Paramount
60-11		X	Paramount
60-12		X	USX
60-12		X	Whiteside
60-12-2	X		Newmont
60-12-3	X		Newmont
60-12-10	X		Newmont
60-13		X	Whiteside
60-24-1		X	M.A. Hanna
60-24-1	X		Meridian Minerals
61-10		X	Paramount
61-11	X		Kennecott Corp.
61-11-4		X	Anaconda Collection
61-11-5		X	Anaconda Collection

T-R-S	DRILL CORE	DATA	DONOR
61-11-7	X		Kennecott Corp.
61-11-18		X	Paramount
61-11-24		X	Paramount
61-12		X	USX
61-12-13		X	Paramount
61-12-26	X		Newmont
61-12-35	X		Newmont
61-12-36	X		Newmont
61-13		X	USX
61-14		X	USX
61-15		X	USX
61-15-3		X	USX
61-15-4		X	USX
61-24-6		X	USX
61-25		X	USX
61-25-10		X	USX
61-25-10,16		X	USX
61-25-11,12		X	USX
61-26(?)		X	USX
62-2E		X	Paramount
62-3E		X	Paramount
62-4E		X	Paramount
62-10		X	Paramount
62-10-30		X	USX
62-11		X	Paramount
62-11-24		X	Anaconda Collection
62-11-24	X		MGs
62-11-25		X	Anaconda Collection
62-11-25	X		MGs
62-12		X	Paramount
62-12		X	USX
62-12-2		X	USX
62-12-5		X	USX
62-12-5		X	Whiteside
62-12-28		X	USX
62-13		X	Paramount
62-13		X	USX
62-13-1		X	Whiteside
62-13-3		X	Whiteside
62-13-4		X	USX
62-13-4,9		X	USX
62-13-5		X	Whiteside
62-13-6		X	Whiteside
62-13-9		X	USX
62-13-9		X	Whiteside
62-13-18		X	USX
62-14		X	Paramount

T-R-S	DRILL CORE	DATA	DONOR
62-14		X	USX
62-14		X	Whiteside
62-14-4		X	USX
62-14-4		X	Whiteside
62-14-4,5		X	USX
62-14-5		X	USX
62-14-5		X	Whiteside
62-14-5,6		X	USX
62-14-6		X	Whiteside
62-14-7		X	USX
62-14-7,8		X	USX
62-14-8		X	USX
62-14-9		X	USX
62-14-10		X	USX
62-14-10		X	Whiteside
62-14-12		X	USX
62-14-13		X	USX
62-14-14		X	USX
62-14-17		X	Whiteside
62-14-18		X	Whiteside
62-14-19		X	USX
62-14-19		X	Whiteside
62-14-22		X	Echo Bay Mines
62-14-28		X	Echo Bay Mines
62-14-30		X	Echo Bay Mines
62-14-31		X	Echo Bay Mines
62-15		X	Paramount
62-15		X	USX
62-15-21		X	USX
62-15-24		X	USX
62-15-27		X	USX
62-15-27,28		X	USX
62-15-27,31		X	USX
62-15-28		X	USX
62-15-29,32		X	USX
62-15-31		X	USX
62-15-32		X	USX
62-15-33		X	USX
62-15-34		X	USX
62-15-35		X	USX
62-18		X	Whiteside
62-23-2	X		Kennecott Corp.
63-1		X	Paramount
63-1E		X	Paramount
63-2		X	Paramount
63-2E		X	Paramount
63-3		X	Paramount

T-R-S	DRILL CORE DATA	DONOR
63-3E	X	Paramount
63-3E-15	X	Paramount
63-4	X	Paramount
63-9	X	Paramount
63-9	X	USX
63-10	X	Paramount
63-10	X	USX
63-10-6,7	X	USX
63-10-9	X	Whiteside
63-10-10	X	Whiteside
63-11	X	Echo Bay Mines
63-11	X	Paramount
63-11	X	USX
63-11-11	X	USX
63-11-16	X	Whiteside
63-11-17	X	Whiteside
63-11-19	X	Whiteside
63-11-29	X	USX
63-11-29	X	Whiteside
63-11-29,30	X	USX
63-11-30	X	USX
63-11-30	X	Whiteside
63-12	X	Paramount
63-12	X	USX
63-12-4	X	USX
63-12-24	X	USX
63-12-24	X	Whiteside
63-12-25	X	USX
63-12-25	X	Whiteside
63-12-26	X	USX
63-12-26,27	X	USX
63-12-27	X	USX
63-12-27	X	Whiteside
63-12-28	X	USX
63-12-30	X	Paramount
63-12-31	X	Paramount
63-12-31	X	Whiteside
63-12-32	X	USX
63-12-32	X	Whiteside
63-12-33	X	USX
63-12-33	X	Whiteside
63-12-34	X	Whiteside
63-12-35	X	Whiteside
63-13	X	Paramount
63-13	X	USX
63-13-25	X	Paramount
63-13-25	X	USX

T-R-S	DRILL		DONOR
	CORE	DATA	
63-13-35		X	Whiteside
63-13-36		X	Paramount
63-13-36		X	Whiteside
63-14		X	Paramount
63-14		X	USX
63-14		X	Whiteside
63-15		X	USX
63-15-36		X	USX
63-18		X	Whiteside
64-1		X	Paramount
64-1E-13	X	X	Oglebay Norton
64-2		X	Paramount
64-2		X	USX
64-2E-15	X	X	Oglebay Norton
64-3		X	Paramount
64-3		X	USX
64-3-1,2		X	USX
64-3E-10		X	Paramount
64-4		X	Paramount
64-5		X	Paramount
64-5		X	USX
64-6		X	Paramount
64-6		X	USX
64-7		X	Paramount
64-9		X	USX
64-10		X	USX
64-12		X	Paramount
65-1		X	Paramount
65-2		X	Paramount
65-2		X	USX
65-3		X	Paramount
65-3		X	USX
65-3-32	X		MGS
65-3-34	X		MGS
65-3-34	X	X	Oglebay Norton
65-4		X	Paramount
65-4		X	USX
65-4-25	X		MGS
65-4-25	X	X	Oglebay Norton
65-4-25		X	Whiteside
65-4-27	X		MGS
65-4-27		X	Oglebay Norton
65-4-28	X		MGS
65-4-28	X	X	Oglebay Norton
65-4-29	X	X	Oglebay Norton
65-4-31		X	USX
65-5		X	Paramount



T-R-S	DRILL		
	CORE	DATA	DONOR
65-5-34		X	USX
67-21-16	X		MGS
67-21-9	X		MGS
102-5-8	X		MGS
102-5-16	X		MGS
102-5-24	X		MGS
102-5-27	X		MGS
102-5-30	X		MGS
102-17-4	X		MGS
103-9		X	Paramount
103-10		X	Paramount
103-18-35	X		MGS
103-38		X	Paramount
103-39		X	Paramount
104-8		X	Paramount
104-9		X	Paramount
104-9-25		X	Paramount
104-38		X	Paramount
104-39		X	Paramount
105-15-3	X		MGS
106-12-14	X		MGS
106-12-18	X		MGS
106-12-20	X		MGS
106-13-6	X		MGS
106-13-13	X		MGS
106-13-24	X		MGS
106-13-30	X		MGS
106-14-13	X		MGS
106-14-34	X		MGS
106-14-35	X		MGS
106-15-1	X		MGS
106-15-5	X		MGS
106-15-19	X		MGS
106-15-20	X		MGS
107-13-7	X		MGS
107-13-16	X		MGS
107-13-18	X		MGS
107-13-25	X		MGS
107-14-34	X		MGS
107-15-22	X		MGS
108-14-28	X		MGS
111-16-30	X		MGS
111-17-14	X		MGS
112-34-3		X	Paramount
112-35-1	X		MGS
112-35-2		X	Paramount
112-46		X	Paramount

T-R-S	DRILL CORE	DATA	DONOR
113-35-26	X		MGS
113-35-33	X		MGS
113-35-35		X	Paramount
113-44		X	Paramount
113-45		X	Paramount
113-46		X	Paramount
123-27-19	X		MGS
123-30-19	X		MGS
124-29-24	X		MGS
124-37-7	X		MGS
127-29-8	X		MGS
127-31-29	X		MGS
127-32-27	X		MGS
127-32-33	X		MGS
128-30-15	X		MGS
128-33-27	X		MGS
128-34-16	X		MGS
T129-138 R25-32		X	Meridian Minerals
129-35-24	X		MGS
129-35-25	X		MGS
129-36-22	X		MGS
129-36-33	X		MGS
129-37-1	X		MGS
129-47		X	Paramount
129-47-11		X	Paramount
129-47-9		X	Paramount
T130-131 R30		X	USX
T130-131 R30-31		X	USX
T130-131 R30-31		X	USX
T130-137 R25-32		X	Meridian Minerals
130-30-6		X	USX
130-31-21	X		MGS
130-33-34	X		MGS
130-35-28	X		MGS
130-36-11	X		MGS
131-30-31		X	USX
131-32-34	X		MGS
131-35-10	X		MGS
131-36-28	X		MGS
132-29		X	USX
132-31-6	X		MGS
132-31-21	X		MGS
132-32-3	X		MGS
132-32-5		X	USX
132-33-14	X		MGS
132-34-30	X		MGS
132-37-34	X		MGS

T-R-S	DRILL		DONOR
	CORE	DATA	
133-30-29	X		MGS
133-32-32		X	USX
133-34-4	X		MGS
133-34-29	X		MGS
133-36-1	X		MGS
134-27		X	USX
134-27		X	Whiteside
134-27-4		X	USX
134-27-4		X	Whiteside
134-28		X	Whiteside
134-28-11		X	USX
134-28-12		X	USX
134-28-14		X	USX
134-28-14		X	Whiteside
134-28-22		X	USX
134-28-23		X	USX
134-29-16	X		MGS
134-30-11	X		MGS
134-31-36	X		MGS
134-38		X	Paramount
134-38-2	X		MGS
135-27		X	USX
135-27		X	Whiteside
135-27-3		X	Whiteside
135-27-9		X	Whiteside
135-27-33		X	USX
135-27-33		X	Whiteside
135-27-34		X	Whiteside
135-28		X	Whiteside
135-30-10	X		MGS
135-34-8	X		MGS
135-35-23	X		MGS
135-38		X	Paramount
135-38-14	X		MGS
136-25		X	USX
136-26		X	USX
136-26		X	USX
136-26-2		X	USX
136-26-29		X	Whiteside
136-27		X	USX
136-27-15	X		MGS
136-31-19	X		MGS
136-38-34	X		MGS
T137-138 R25-26		X	USX
T137-138 R26		X	USX
137-25		X	USX
137-25-16	X		MGS

T-R-S	DRILL CORE	DATA	DONOR
137-25-20		X	USX
137-25-21		X	USX
137-25-22		X	USX
137-25-22		X	Whiteside
137-25-26		X	USX
137-25-27		X	USX
137-25-27		X	Whiteside
137-25-28		X	USX
137-25-33	X		MGS
137-25-34		X	USX
137-25-36		X	USX
137-26		X	USX
137-26		X	Whiteside
137-26-2		X	USX
137-26-3		X	Whiteside
137-26-4		X	USX
137-26-4		X	Whiteside
137-26-5		X	Whiteside
137-26-6		X	USX
137-26-11		X	USX
137-26-13		X	Whiteside
137-26-32		X	USX
137-26-34		X	USX
137-27		X	USX
137-30-22	X		MGS
137-30-34	X		MGS
T138-139 R27-28		X	USX
138-25		X	USX
138-25		X	Whiteside
138-25-16		X	USX
138-26		X	USX
138-26		X	Whiteside
138-26-3		X	USX
138-26-3		X	Whiteside
138-26-7		X	Whiteside
138-26-14		X	Whiteside
138-26-17		X	USX
138-26-17		X	Whiteside
138-26-18		X	USX
138-26-20		X	USX
138-26-20,21		X	USX
138-26-21		X	USX
138-26-22,23		X	USX
138-26-22,27		X	USX
138-26-23		X	Whiteside
138-26-24		X	Whiteside
138-26-25		X	Whiteside

T-R-S	DRILL		DONOR
	CORE	DATA	
138-26-25,26		X	USX
138-26-26		X	Whiteside
138-26-29		X	USX
138-26-31		X	USX
138-26-32		X	USX
138-27		X	USX
138-27-3		X	USX
138-27-3		X	Whiteside
138-27-10		X	Whiteside
138-27-13		X	USX
138-27-14		X	Whiteside
138-27-26		X	Whiteside
138-27-29	X		MGS
138-32-35	X		MGS
139-25		X	Whiteside
139-26		X	USX
139-27		X	USX
139-27-20	X		MGS
139-28		X	USX
139-28-2	X		MGS
139-29-1	X		MGS
140-26		X	USX
140-27		X	USX
140-27-14	X		MGS
140-28		X	USX
141-25		X	USX
141-26		X	USX
141-27		X	USX
141-28-36	X		MGS
142-25		X	USX
142-25		X	Whiteside
142-25-13		X	USX
142-25-14		X	USX
142-25-32		X	USX
142-25-34		X	USX
142-26		X	USX
142-32		X	Paramount
145-25-2		X	USX
155-39-34	X		MGS
157-28-11	X		MGS
157-34-13	X		MGS
157-41-24	X		MGS
157-42		X	Echo Bay Mines
158-28-27	X		MGS
158-28-35	X		MGS
158-36-30	X		MGS
158-42		X	Echo Bay Mines

T-R-S	DRILL CORE	DATA	DONOR
159-31-9	X		MGS
159-32-3	X		MGS
159-33-18	X		MGS
159-33-31	X		MGS
159-35-3	X		MGS
159-36		X	Echo Bay Mines
159-36-6	X		MGS
159-37		X	Echo Bay Mines
159-40		X	Echo Bay Mines
159-41		X	Echo Bay Mines
159-42		X	Echo Bay Mines
160-28-36	X		MGS
160-31-20	X		MGS
160-33-31	X		MGS
160-35		X	Echo Bay Mines
160-36		X	Echo Bay Mines
160-36-6	X		MGS
160-36-18	X		MGS
160-40		X	Echo Bay Mines
160-41		X	Echo Bay Mines
161-35		X	Echo Bay Mines
161-35-35	X		MGS
161-36		X	Echo Bay Mines
161-36-29	X		MGS
161-44		X	Echo Bay Mines
162-36		X	Echo Bay Mines
162-44		X	Echo Bay Mines
163-45-9	X		MGS

LOCATION	DATA	DONOR
Brainerd/Crosby area	X	USX
Crow Wing Co.	X	USX
Cuyuna Range	X	USX
Cuyuna Range	X	Whiteside
Cuyuna/Vermilion Ranges	X	USX
Iron Ranges	X	Whiteside
Itasca Co.	X	USX
Itasca Co.	X	Whiteside
Vermilion Range	X	USX

