

Report 288

Private Data Acquisition



**Minnesota Department of
Natural Resources
Division of Minerals**

1991



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William C. Brice, Director**

Report 288

Private Data Acquisition

By:
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A Legislative Commission on Minnesota Resources Project

1991

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 bedrock¹. 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.

¹Ojakangas, 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

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

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)

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)

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)

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

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

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

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

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

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

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

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

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)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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)

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)

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)

Donor: Paramount

Location: 103-38

Data Donated: Brewster Anomaly: grid map, geophysical maps, geophysical 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)

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)

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)

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)

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)

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)

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

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

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

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

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

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

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

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

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

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

Donor: USX

Location: 140-27

Data Donated: Exploration in Trelupe 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

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

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

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

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

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

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

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

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

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

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

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

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

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

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 Virginia 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

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

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

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

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

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

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

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

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

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

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

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

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

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)

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

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)

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)

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

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)

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

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)

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)

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)

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)

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)

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)

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)

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)

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)

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)

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)

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)

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)

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)

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)

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)

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)

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)

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)

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 CORE | DATA | DONOR |
|---------------|---------------|------|---------------------|
| 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 CORE | DATA | DONOR |
|----------|---------------|------|----------------|
| 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 | | DONOR |
|-----------------|-------|------|-------------------|
| | CORE | DATA | |
| 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 CORE | DATA | DONOR |
|-----------------|---------------|------|-----------|
| 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 | | DONOR |
|-----------------|-------|------|-----------|
| | CORE | DATA | |
| 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 CORE | DATA | DONOR |
|--------------|---------------|------|----------------|
| 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 | 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 |