

Ministry of Energy, Northern  
Development and Mines

Ministère de L'Énergie, du Développement du  
Nord et des Mines

Ontario Geological Survey

Commission géologique de l'Ontario

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Neil MacKay, Assistant Planner  
Municipal Services Office – North (Thunder Bay)  
Ministry of Municipal Affairs and Housing  
435 James Street S., Suite 223  
Thunder Bay, ON P7E 6S7

May 31, 2021

Dear Mr. MacKay:

Subject: **60-C-214694 Early Consultation for Application for Consent – lot addition, PINs 42150-2090 and 42150-2091; Lots 3&4, Plans 228 and 23R-7800; Kendall Inlet, Clearwater Bay Area, Unincorporated Territory, Kenora District**

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Thank you for the opportunity for the Ministry of Energy, Northern Development and Mines (ENDM) to provide input on an application for a proposed lot addition located on Kendall Inlet, approximately 6 kilometres southwest of the City of Kenora.

The purpose of this application for consent is to sever a 0.065 ha portion of land from Lot 3 and transfer it to the abutting Lot 4 since two resource based recreational structures lie over the existing property lines. The proposed retained lot is approximately 1.47 ha and the proposed receiving lot is approximately 0.90 hectares.

The subject property was checked for mining land tenure, bedrock geology, mineral resources/mineral potential and mine hazard sites. The following technical information is related to ENDM's planning interests including the protection of long-term mineral resource supply (Section 2.4, Provincial Policy Statement 2020) and the protection of human health and safety (Section 3.2, PPS 2020).

## Technical Information:

The subject property is of non-mining land tenure with surface rights only. There are 14 mining claims and 20 mining patents within 1 km of the property. Directly adjacent claims are held by Riverside Resources Inc. The subject property is not overlain by any active mining claims. Kendall Inlet is also covered by an alienation notice where the consent of the Minister is required for registering new claims.

The subject property is underlain by Archean felsic to intermediate metavolcanic rocks (Type 6), as indicated on the attached bedrock geology map (Ontario Geological Survey Miscellaneous Release – Data 126, Revision 1).

ENDM's Mineral Deposit Inventory (MDI) database was checked for mineral deposit sites. There are two known or recorded MDI sites within 1 km of the subject property. These are the Kenricia gold prospect ([MDI52E10NE00003](#)) to the west and the Oliver Severn Veins 4,6 gold occurrence ([MDI52E10NE00021](#)) to the east. Please see attached Bedrock Geology and MDI map and MDI record.

Assessment work has been conducted and filed on the subject property by Aumac Exploration Ltd. in 1974 and 1975 for geological mapping and ground geophysics ([52E10NE8986](#) and [52E10NE8984](#)). Within 1 km of the subject property, assessment work has been filed by H. Byberg in 1953 for diamond drilling ([52E10NE8980](#)), Atikwa Resources in 1983 for geochemical sampling and geological mapping ([52E10NE8994](#)), and by Manwa Resources Ltd and Miller Resources Ltd. in 1984 for compilation and interpretation, ground geophysics, geochemical sampling and prospecting ([52E10NE8978](#)). See attached Assessment Files map for locations of previous work.

The mineral potential was determined from data shown on the MMPET Index map for this area. MMPET is based on a GIS application that provides a high-level, regional scale illustration of the likelihood of any given parcel of land to be prospective for a metallic mineral resource. The estimated metallic mineral potential index for the subject property is high (90.1-100), with a max value of 100 out of 100 for lode gold potential.

The Ministry's Abandoned Mines Information System (AMIS) database was checked for mine hazard sites; there is one known or recorded AMIS site within 1 km of the subject property, approximately 250 m to the southwest. This is the Kenricia abandoned gold mine (AMIS [06357](#)). This is a Class B site, which indicates that there is concerns for public health, serious injury or death to occur, along with limited concerns regarding receiving environments. Based on the available information in AMIS, it does not appear that the mine workings run under the subject property area. However, it is recommended that prior to any development and change in land use that this information is verified by the land owner/developer.

The abandoned mines information system (AMIS) dataset is current to November 2018. As always, the information provided in the AMIS database has been compiled from various sources and the Ministry of Energy, Northern Development and Mines (ENDM) makes no representation and takes no responsibility that such information is accurate, current or complete. The user is warned to undertake his or her own independent

investigation to validate the information. Please see the attached Land Tenure and AMIS map, AMIS disclaimer and Mine Site Classification.

Bedrock geology maps, Mineral Deposit Inventory, and Abandoned Mines records are available for viewing or free download through the Geology Ontario portal using the following link: <http://www.geologyontario.MNDM.gov.on.ca/>. Official mining claim information is available through the MLAS Map Viewer application which is updated daily, and can be found at: <https://www.mndm.gov.on.ca/en/mines-and-minerals/applications/mlas-map-viewer>.

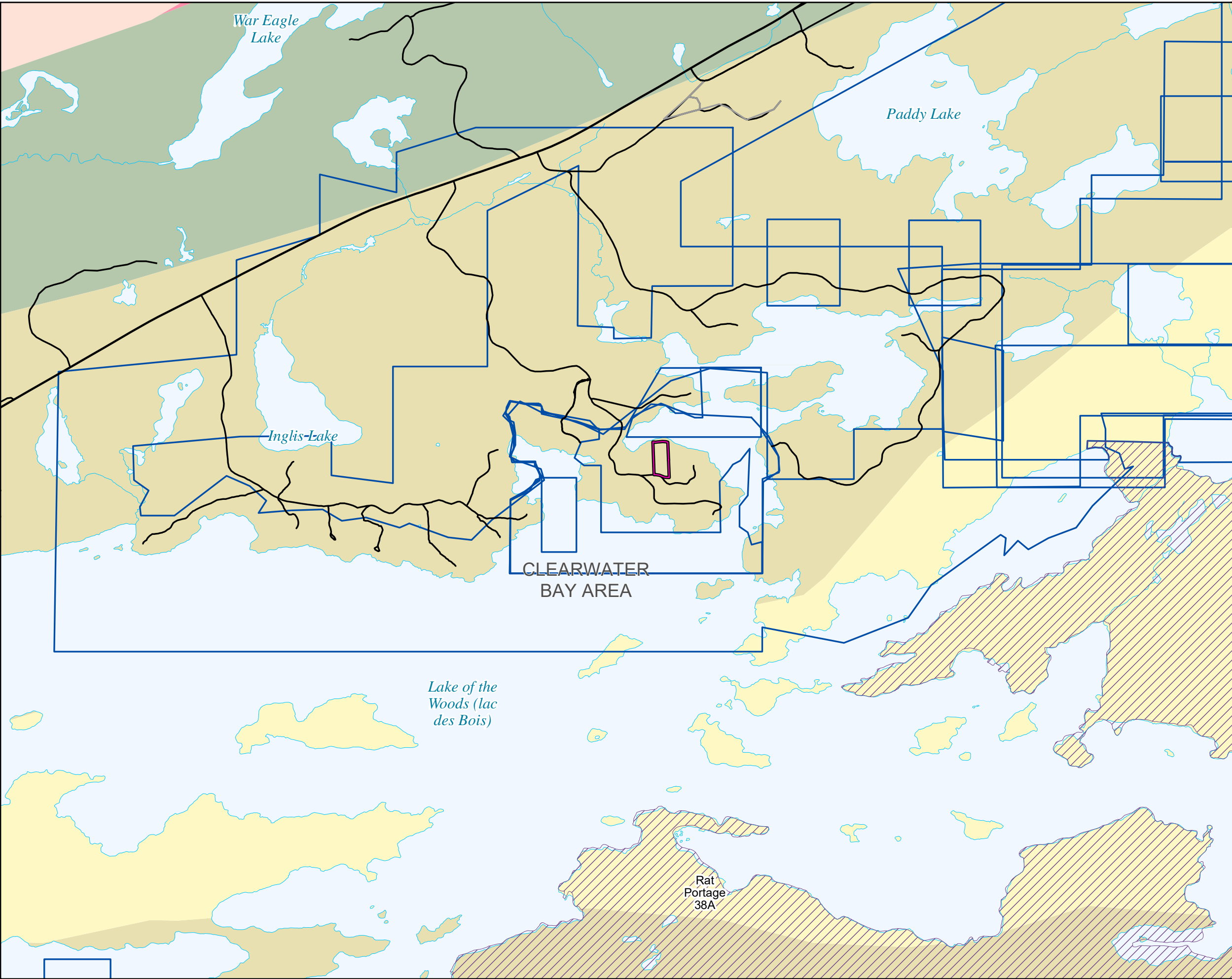
It is recommended that prior to any development and change in land use that the absence of any underground mine workings is verified by the land owner/developer. ENDM has no further comments regarding this application. If you have any questions in this regard, please do not hesitate to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read "Sarah Ferguson".

Sarah Ferguson, M.Sc., P.Geo.  
Regional Land Use Geologist - NW Region  
Resident Geologist Program  
Phone: 807-707-7463  
[Sarah.Ferguson@ontario.ca](mailto:Sarah.Ferguson@ontario.ca)

Att: AMIS Disclaimer  
Mine Site Classification  
06357 AMIS Report  
60-C-214694 Land Tenure and AMIS Map  
60-C-214694 MDI and Bedrock Geology Map  
60-C-214694 MMPET Map  
60-C-214694 Assessment Files Database Map



# Kenora 60-C-214694: Assessment Files and Bedrock Geology



- Highway
  - Road
  - Resource / Recreation Road
  - Approximate Property Boundary
  - First Nation Reserve
  - Assessment File
  - Area
- Bedrock Geology**
- 15, Massive granodiorite to granite
  - 11, Gneissic tonalite suite
  - 9, Coarse clastic metasedimentary rocks
  - 6, Felsic to intermediate metavolcanic rocks
  - 5, Mafic to intermediate metavolcanic rocks

Projection:  
Universal Transverse Mercator - Zone 15 - NAD83

This map is illustrative only. Do not rely on it as being a precise indicator of routes, locations of features, nor as a guide to navigation. Every possible effort has been made to ensure the Accuracy of the information presented on this map; however, the Ontario Ministry of Energy, Northern Development and Mines does not assume liability for errors that may occur. Users should verify critical information.

Bedrock geology data: Ontario Geological Survey 2011. 1:250 000 Scale Bedrock Geology of Ontario; Ontario Geological Survey, Miscellaneous Release---Data 126 - Revision 1.

Assessment file data: Ontario Ministry of Energy, Northern Development and Mines, Ontario Assessment File Database---May 2021; Mines and Minerals Division

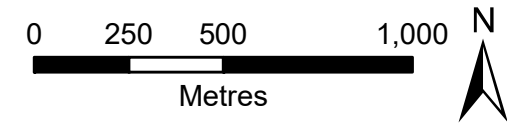
Base data: Ontario Ministry of Natural Resources and Forestry, Land Information Ontario.

Published 05/12/2021  
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NDM20211875





# Kenora 60-C-214694: Metallic Mineral Potential Estimation Tool



- Highway
- Road
- Resource / Recreation Road
- Approximate Property Boundary
- First Nation Reserve
- Area

**Metallic Mineral Potential Estimation Tool Index**

- 90.1 - 100
- 80.1 - 90
- 70.1 - 80
- 60.1 - 70
- 50.1 - 60
- 40.1 - 50
- 30.1 - 40
- 20.1 - 30
- 10.1 - 20
- 0 - 10

Projection: Universal Transverse Mercator - Zone 15 - NAD83

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This map shows an MMPET estimation derived from at-surface geological data as published in ENDM Dataset MRD 126-- Revised, 1:250,000 Scale Bedrock Geology of Ontario, OGS 2011 and using Mineral Deposit Inventory data released in March 2016. MMPET is a GIS-based application that provides a high level, regional scale illustration of the likelihood of any given parcel of land to be prospective for a metallic mineral resource.

Base data: Ontario Ministry of Natural Resources and Forestry, Land Information Ontario.

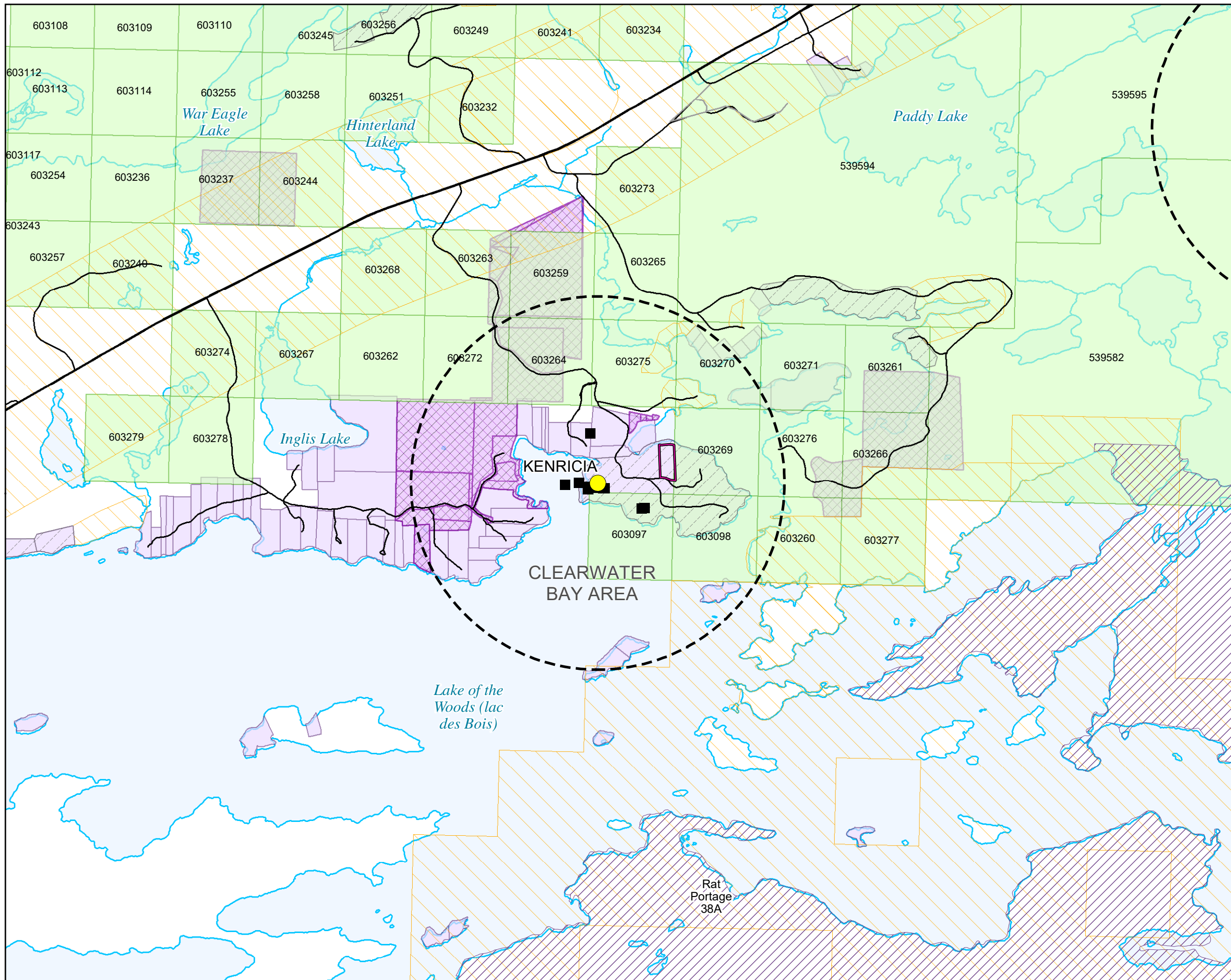
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NDM20211874



# Kenora 60-C-214694: Land Tenure and Abandoned Mines Information System



- AMIS Site
- AMIS Feature
- Highway
- Road
- Resource / Recreation Road
- River/Stream
- Lake
- 1 km Buffer around AMIS Site
- Approximate Property Boundary
- First Nation Reserve
- Area
- Withdrawal
- Notice
- Mining Claim - May 3, 2021
- Disposition: Mining Land Tenure
- Disposition: Non-Mining Land Tenure



Projection: Universal Transverse Mercator - Zone 15 - NAD83

This map is illustrative only. Do not rely on it as being a precise indicator of routes, locations of features, nor as a guide to navigation. Every possible effort has been made to ensure the Accuracy of the information presented on this map; however, the Ontario Ministry of Energy, Northern Development and Mines does not assume liability for errors that may occur. Users should verify critical information.

Please be aware of the following regarding our AMIS data: The information herein is provided by ENDM free of charge and for information purposes only. All information is provided "as is" without warranties or conditions of any kind either expressed or implied. In providing the AMIS database information, ENDM and the Government of Ontario accept no liability and make no warranty or any representation regarding the use, accuracy, applicability, completeness, performance, availability, security or reliability of the information, through field measurements or otherwise. It is the sole responsibility of the person choosing to receive and use this information to verify the accuracy of any information obtained from this data package. The reader is warned to undertake his or her own independent investigation to validate this information. Reports provided within are not compliant with CSA standards. The maps and/or coordinates provided are not intended for navigational, survey, or land title determination purposes. Maps included may not show unregistered land tenure and interests in land including certain patents, leases, easements, right of ways, flooding rights, licences, or other forms of disposition of rights and interest from the Crown. Land tenure and land uses that restrict or prohibit free entry to stake mining claims may not be illustrated.

Land tenure data: Ontario Ministry of Energy, Northern Development and Mines, Mining Lands Section: Ontario Mining Land Tenure Spatial Data. 2021.

AMIS data: Ministry of Energy, Northern Development and Mines, Abandoned Mines Information System (AMIS) Database (November 2018 update).

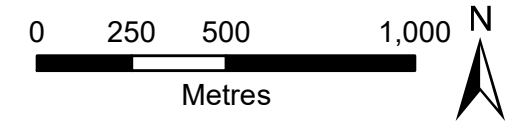
Base data: Ontario Ministry of Natural Resources and Forestry, Land Information Ontario.

NDM20211871  
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# Kenora 60-C-214694: Mineral Deposit Inventory and Bedrock Geology



**Mineral Deposit Inventory (MDI)**

- ▲ Prospect
- ▲ Occurrence
- ▲ Discretionary Occurrence
- Highway
- Road
- Resource / Recreation Road
- Approximate Property Boundary
- First Nation Reserve
- Area

**Bedrock Geology**

- 15, Massive granodiorite to granite
- 11, Gneissic tonalite suite
- 9, Coarse clastic metasedimentary rocks
- 6, Felsic to intermediate metavolcanic rocks
- 5, Mafic to intermediate metavolcanic rocks

Projection: Universal Transverse Mercator - Zone 15 - NAD83

This map is illustrative only. Do not rely on it as being a precise indicator of routes, locations of features, nor as a guide to navigation. Every possible effort has been made to ensure the Accuracy of the information presented on this map; however, the Ontario Ministry of Energy, Northern Development and Mines does not assume liability for errors that may occur. Users should verify critical information.

Bedrock geology data: Ontario Geological Survey 2011. 1:250 000 Scale Bedrock Geology of Ontario; Ontario Geological Survey, Miscellaneous Release---Data 126 - Revision 1.

Mineral Deposit Inventory: Ontario Geological Survey 2021. Mineral Deposit Inventory (May 2021 update).

Base data: Ontario Ministry of Natural Resources and Forestry, Land Information Ontario.

Published 05/12/2021  
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NDM20211873



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# Abandoned Mines Report

Report created: Thursday, May 13, 2021

All dimensions in metres

## Mine Site General Information

<b>Site ID</b> 06357	<b>Site Name</b> KENRICIA	<b>AMIS Division</b> KENORA	<b>Date Opened</b> 1/1/1889	<b>Date Closed</b> 12/31/1940
<b>Operational Access</b> SIDE ROAD	<b>Mine Site Status</b> ABANDONED	<b>Reason for Closure</b> CEASING PRODUCTION - GOLD OTHER	<b>Primary Commodity</b>	<b>Jurisdiction</b> MINING ACT
<b>Mine Plan</b> YES	<b>Closure Plan</b> NO	<b>Rehabilitation Plan</b> NO	<b>Old MDI #</b> K 0068	<b>New MDI #</b> MDI52E10NE00003
<b>Township\Area</b> CLEARWATER BAY	<b>Lot</b> 0	<b>Concession</b> 0	<b>NTS Sheet</b> 052E10	<b>OBM Map</b> 2015370055000
<b>UTM Zone</b> 15	<b>UTM Northing</b> 5508514	<b>UTM Easting</b> 379753	<b>Latitude</b> -94.66813	<b>Longitude</b> 49.71711
<b>Evidence of Animals</b> UNKNOWN	<b>Chemical Document</b> UNKNOWN	<b>Evidence of Contamination</b> UNKNOWN	<b>Evidence of Sulphide Min</b> UNKNOWN	<b>Vegetation Condition</b>

### Vegetation Description

### Animals Description

### Site Chemistry Description

TAILINGS CURRENTLY BEING ASSESSED BY AMEC.

### Background Information

ACCESS; THE SITE IS LOCATED IN CLEARWATER BAY AREA, APPROX 13KM WEST OF KENORA. ACCESS IS VIA HWY 17 W FROM KENORA THEN 600M N ON KENDALL INLET ROAD.

IN 1889-90 3 SHAFTS WERE SUNK. NO WORK DONE UNTIL 1935 WHEN TRENCHING AND DRILLING WERE DONE, IN 1936 A SHAFT WAS SUNK ON #3 VEIN TO 162M WITH 2115M OF LATERAL DEVELOPMENT ON 3 LEVELS. PRODUCED 2533OZ OF GOLD AND 531OZ SILVER FROM 22,344 TONS OF ORE MILLED.

THE YEAR 1993 SURVEY REPORTS THREE ONE COMPARTMENT SHAFTS, ONE TWO COMPARTMENT SHAFT, ONE RAISE TO SURFACE, ONE ORE PASS TO SURFACE, ONE TRENCH, ONE TESPIT, ONE DEPRESSION, TWO BUILDING FOUNDATIONS, ONE AREA OF STRIPPING AND POWER LINES.

### Alternate Names

THREE LADIES  
KENRICIA

## Feature 06357-87209

<b>Feature ID</b> MILL	<b>Feature Type</b> MILL, MILL FOUNDATION	<b>Feature Class</b> STRUCTURE	<b>Hazard Status</b> ACTIVE HAZARD	<b>Eval. Performed</b> NO
<b>Hazard Rating</b>	<b>Hazard Rank</b>	<b>Depth/Height</b> 3	<b>Feature Width</b> 15	<b>Feature Length</b> 15
<b>UTM Zone</b> 15	<b>UTM Northing</b> 5508494	<b>Utm Easting</b> 379703	<b>Latitude</b> -94.66881	<b>Longitude</b> 49.71692
<b>Discharge pH</b>	<b>Discharge Conductivity</b>	<b>Discharge Flow</b>	<b>Discharge Receiver</b>	<b>Erosion</b> UNKNOWN
<b>Unit of Measure</b>	<b>Acid Basic Acct. Result</b>	<b>Acid Basic Acct. Method</b>		



**Feature Condition**

1993 ASSESSMENT; TWO FOUNDATIONS WHICH RANGE IN SIZE FROM 5 X 10 X 2M AND 15 X 15 X 3M. ONE OF THE FOUNDATIONS IS THAT OF THE MILL. IT HAS STANDING WALLS WITH GLASS, TILE AND WOOD DEBRIS WITHIN THE BUILDING AREA. THERE IS A DECOMMISSIONED POWER LINE PRESENT CROSSING THE WEST SIDE OF THE SITE.

HISTORICAL DOCUMENTS INDICATE A 100 TPD CYANIDE MILL.

**Known Hazards****Remediation Actions****Evaluations****Feature 06357-87206**

<b>Feature ID</b> CRWNPLLR	<b>Feature Type</b> CROWN PILLAR	<b>Feature Class</b> FEATURE TO SURFACE	<b>Hazard Status</b> ACTIVE HAZARD	<b>Eval. Performed</b> NO
<b>Hazard Rating</b>	<b>Hazard Rank</b>	<b>Depth/Height</b> 35	<b>Feature Width</b> 30	<b>Feature Length</b> 150
<b>UTM Zone</b> 15	<b>UTM Northing</b> 5508480	<b>Utm Easting</b> 379700	<b>Latitude</b> -94.66885	<b>Longitude</b> 49.71679
<b>Discharge pH</b>	<b>Discharge Conductivity</b>	<b>Discharge Flow</b>	<b>Discharge Receiver</b>	<b>Erosion</b> UNKNOWN
<b>Unit of Measure</b>	<b>Acid Basic Acct. Result</b>	<b>Acid Basic Acct. Method</b>		

**Feature Condition**

1993 ASSESSMENT; AREAS OF CAUTION ARE IDENTIFIED UNDER SHAFT 3,4 AND 2 ENCOMPASSING AN AREA OF APPROX 150M FROM SHORELINE BY 25-30M WIDE.

HISTORICAL DOCUMENTS INDICATE MINIMUM CROWN PILLAR THICKNESS OF 27M AND 35M ORIGINATING FROM THE 61M LEVEL.

**Known Hazards****Remediation Actions****Evaluations****Feature 06357-87204**

<b>Feature ID</b> TRENCH	<b>Feature Type</b> TRENCH	<b>Feature Class</b> FEATURE TO SURFACE	<b>Hazard Status</b> ACTIVE HAZARD	<b>Eval. Performed</b> NO
<b>Hazard Rating</b>	<b>Hazard Rank</b>	<b>Depth/Height</b> 6.5	<b>Feature Width</b> 2	<b>Feature Length</b> 30
<b>UTM Zone</b> 15	<b>UTM Northing</b> 5508379	<b>Utm Easting</b> 379988	<b>Latitude</b> -94.66483	<b>Longitude</b> 49.71594
<b>Discharge pH</b>	<b>Discharge Conductivity</b>	<b>Discharge Flow</b>	<b>Discharge Receiver</b>	<b>Erosion</b> UNKNOWN
<b>Unit of Measure</b>	<b>Acid Basic Acct. Result</b>	<b>Acid Basic Acct. Method</b>		

**Feature Condition**

1993 ASSESSMENT; THE TRENCH IS LOCATED NEAR SHAFT 1 AND IS 20 X 3 X 6.5M DEEP.

**Known Hazards****Remediation Actions**

**Evaluations****Feature 06357-77687**

<b>Feature ID</b> SHAFT3	<b>Feature Type</b> EXPLORATION SHAFT - VERTICAL SHAFT	<b>Feature Class</b> FEATURE TO SURFACE	<b>Hazard Status</b> ACTIVE HAZARD	<b>Eval. Performed</b> NO
<b>Hazard Rating</b>	<b>Hazard Rank</b>	<b>Depth/Height</b> 17.4	<b>Feature Width</b> 3	<b>Feature Length</b> 10
<b>UTM Zone</b> 15	<b>UTM Northing</b> 5508504	<b>Utm Easting</b> 379578	<b>Latitude</b> -94.67055	<b>Longitude</b> 49.71699
<b>Discharge pH</b>	<b>Discharge Conductivity</b>	<b>Discharge Flow</b>	<b>Discharge Receiver</b>	<b>Erosion</b> UNKNOWN
<b>Unit of Measure</b>	<b>Acid Basic Acct. Result</b>	<b>Acid Basic Acct. Method</b>		

**Feature Condition**

1993 ASSESSMENT; OPEN, UNPROTECTED SHAFT LOCATED WITHIN 10M OF LAKE SHORE. WASTE ROCK PILE TO WEST OF SHAFT ALONG WATERFRONT. WATER OBSERVED AT 3M BELOW COLLAR. THE SHAFTS ARE COLLARED BY UNTREATED TIMBERS THROUGH WASTE ROCK.

**Known Hazards****Remediation Actions****Evaluations****Feature 06357-77688**

<b>Feature ID</b> SHAFT1	<b>Feature Type</b> EXPLORATION SHAFT - VERTICAL SHAFT	<b>Feature Class</b> FEATURE TO SURFACE	<b>Hazard Status</b> ACTIVE HAZARD	<b>Eval. Performed</b> NO
<b>Hazard Rating</b>	<b>Hazard Rank</b>	<b>Depth/Height</b> 9	<b>Feature Width</b> 0	<b>Feature Length</b> 0
<b>UTM Zone</b> 15	<b>UTM Northing</b> 5508379	<b>Utm Easting</b> 380003	<b>Latitude</b> -94.66462	<b>Longitude</b> 49.71595
<b>Discharge pH</b>	<b>Discharge Conductivity</b>	<b>Discharge Flow</b>	<b>Discharge Receiver</b>	<b>Erosion</b> UNKNOWN
<b>Unit of Measure</b>	<b>Acid Basic Acct. Result</b>	<b>Acid Basic Acct. Method</b>		

**Feature Condition**

1993 ASSESSMENT; SHAFT NOT POSITIVELY LOCATED. COLLAR MAY BE COLLAPSED OR OBSCURED. THE SHAFTS ARE COLLARED BY UNTREATED TIMBERS THROUGH WASTE ROCK.

**Known Hazards****Remediation Actions****Evaluations****Feature 06357-87210**

<b>Feature ID</b>	<b>Feature Type</b>	<b>Feature Class</b>	<b>Hazard Status</b>	<b>Eval. Performed</b>
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SHAFT2	EXPLORATION SHAFT - VERTICAL SHAFT	FEATURE TO SURFACE	ACTIVE HAZARD	NO
<b>Hazard Rating</b>	<b>Hazard Rank</b>	<b>Depth/Height</b> 15	<b>Feature Width</b> 5	<b>Feature Length</b> 3
<b>UTM Zone</b> 15	<b>UTM Northing</b> 5508485	<b>Utm Easting</b> 379780	<b>Latitude</b> -94.66774	<b>Longitude</b> 49.71685
<b>Discharge pH</b>	<b>Discharge Conductivity</b>	<b>Discharge Flow</b>	<b>Discharge Receiver</b>	<b>Erosion</b> UNKNOWN
<b>Unit of Measure</b>	<b>Acid Basic Acct. Result</b>	<b>Acid Basic Acct. Method</b>		

**Feature Condition**

1993 ASSESSMENT; SHAFT IS BLOCKED AT 1.5M BELOW SURFACE BY BOULDERS AND WASTE ROCK. THE SHAFTS ARE COLLARED BY UNTREATED TIMBERS THROUGH WASTE ROCK.

**Known Hazards****Remediation Actions****Evaluations****Feature 06357-87203**

<b>Feature ID</b> RAISE	<b>Feature Type</b> RAISE TO SURFACE	<b>Feature Class</b> FEATURE TO SURFACE	<b>Hazard Status</b> ACTIVE HAZARD	<b>Eval. Performed</b> NO
<b>Hazard Rating</b>	<b>Hazard Rank</b>	<b>Depth/Height</b> >1	<b>Feature Width</b> 2	<b>Feature Length</b> 1
<b>UTM Zone</b> 15	<b>UTM Northing</b> 5508485	<b>Utm Easting</b> 379790	<b>Latitude</b> -94.6676	<b>Longitude</b> 49.71686
<b>Discharge pH</b>	<b>Discharge Conductivity</b>	<b>Discharge Flow</b>	<b>Discharge Receiver</b>	<b>Erosion</b> UNKNOWN
<b>Unit of Measure</b>	<b>Acid Basic Acct. Result</b>	<b>Acid Basic Acct. Method</b>		

**Feature Condition**

1993 ASSESSMENT; A (VENT?)RAISE IS LOCATED NEXT TO SHAFT NO.2 AND IS 2 X 1M AND COLLAPSED IN AT A DEPTH OF 1M.

**Known Hazards****Remediation Actions****Evaluations****Feature 06357-87208**

<b>Feature ID</b> SHAFT4	<b>Feature Type</b> SHAFT - 3 COMPARTMENT - VERTICAL SHAFT	<b>Feature Class</b> FEATURE TO SURFACE	<b>Hazard Status</b> ACTIVE HAZARD	<b>Eval. Performed</b> NO
<b>Hazard Rating</b>	<b>Hazard Rank</b>	<b>Depth/Height</b> 162	<b>Feature Width</b> 0	<b>Feature Length</b> 0
<b>UTM Zone</b> 15	<b>UTM Northing</b> 5508479	<b>Utm Easting</b> 379703	<b>Latitude</b> -94.66881	<b>Longitude</b> 49.71679
<b>Discharge pH</b>	<b>Discharge Conductivity</b>	<b>Discharge Flow</b>	<b>Discharge Receiver</b>	<b>Erosion</b> UNKNOWN
<b>Unit of Measure</b>	<b>Acid Basic Acct. Result</b>	<b>Acid Basic Acct. Method</b>		

**Feature Condition**

1993 ASSESSMENT; SHAFT CAPPED OVER 40 YEARS AGO. THE SHAFTS ARE COLLARED BY UNTREATED TIMBERS THROUGH WASTE ROCK.

**Known Hazards****Remediation Actions****Evaluations****Feature 06357-87205**

<b>Feature ID</b> OREPASS	<b>Feature Type</b> STOPE	<b>Feature Class</b> UNDERGROUND	<b>Hazard Status</b> ACTIVE HAZARD	<b>Eval. Performed</b> NO
<b>Hazard Rating</b>	<b>Hazard Rank</b>	<b>Depth/Height</b> 2	<b>Feature Width</b> 5	<b>Feature Length</b> 10
<b>UTM Zone</b> 15	<b>UTM Northing</b> 5508489	<b>Utm Easting</b> 379743	<b>Latitude</b> -94.66826	<b>Longitude</b> 49.71688
<b>Discharge pH</b>	<b>Discharge Conductivity</b>	<b>Discharge Flow</b>	<b>Discharge Receiver</b>	<b>Erosion</b> UNKNOWN
<b>Unit of Measure</b>	<b>Acid Basic Acct. Result</b>	<b>Acid Basic Acct. Method</b>		

**Feature Condition**

1993 ASSESSMENT; ORE PASS IS REPRESENTED BY A DEPRESSION IN THE SURFACE APPROX 75M WNW OF SHAFT NO.4

**Known Hazards****Remediation Actions****Evaluations****Feature 06357-87202**

<b>Feature ID</b> LATWRKS	<b>Feature Type</b> LATERAL WORKINGS	<b>Feature Class</b> UNDERGROUND	<b>Hazard Status</b> ACTIVE HAZARD	<b>Eval. Performed</b> NO
<b>Hazard Rating</b>	<b>Hazard Rank</b>	<b>Depth/Height</b> 152	<b>Feature Width</b> 0	<b>Feature Length</b> 0
<b>UTM Zone</b> 15	<b>UTM Northing</b> 5508780	<b>Utm Easting</b> 379713	<b>Latitude</b> -94.66876	<b>Longitude</b> 49.71949
<b>Discharge pH</b>	<b>Discharge Conductivity</b>	<b>Discharge Flow</b>	<b>Discharge Receiver</b>	<b>Erosion</b> UNKNOWN
<b>Unit of Measure</b>	<b>Acid Basic Acct. Result</b>	<b>Acid Basic Acct. Method</b>		

**Feature Condition**

HISTORICAL RECORDS INDICATE THE FOLLOWING LATERAL DEVELOPMENT ASSOCIATED WITH THREE COMPARTMENT SHAFT NO.4;  
LEVEL AT 61M WITH 555.5M DRIFITING, 170.7M CROSSCUTTING AND 115.8M OF RAISING. LEVEL AT 107M WITH 877.5M DRIFTING, 268.8M CROSSCUTTING AND 106.4M OF RAISING. LEVEL AT 152M WITH 224.5M DRIFTING AND 20.4M CROSSCUTTING.

**Known Hazards****Remediation Actions**

**Evaluations****Feature 06357-90584**

<b>Feature ID</b> WR-01	<b>Feature Type</b> WASTE ROCK DUMP	<b>Feature Class</b> WASTES	<b>Hazard Status</b> ACTIVE HAZARD	<b>Eval. Performed</b> NO
<b>Hazard Rating</b>	<b>Hazard Rank</b>	<b>Depth/Height</b> 1.5	<b>Feature Width</b>	<b>Feature Length</b>
<b>UTM Zone</b> 15	<b>UTM Northing</b> 5508514	<b>Utm Easting</b> 379753	<b>Latitude</b> -94.66813	<b>Longitude</b> 49.71711
<b>Discharge pH</b>	<b>Discharge Conductivity</b>	<b>Discharge Flow</b>	<b>Discharge Receiver</b>	<b>Erosion</b> UNKNOWN
<b>Unit of Measure</b>	<b>Acid Basic Acct. Result</b>	<b>Acid Basic Acct. Method</b>		

**Feature Condition**

2008 TAILINGS ASSESSMENT; WASTE ROCK PILE (WR-01) IS EXTENSIVELY VEGETATED AND LOCATED ON TOP OF BEDROCK. THE MATERIAL IS APPROXIMATELY 1.5 M THICK AND IS SAND TO COBBLE SIZE. THE MAJORITY OF THE WASTE ROCK APPEARS COMPRISED OF QUARTZ.

2019 Corrected feature location UTM from E578325 N5021418 to E379753 N5508514

**Known Hazards****Remediation Actions****Evaluations****Feature 06357-87211**

<b>Feature ID</b> TAILS	<b>Feature Type</b> TAILINGS - UNCONFINED	<b>Feature Class</b> WASTES	<b>Hazard Status</b> ACTIVE HAZARD	<b>Eval. Performed</b> NO
<b>Hazard Rating</b>	<b>Hazard Rank</b>	<b>Depth/Height</b> 0	<b>Feature Width</b> 0	<b>Feature Length</b> 0
<b>UTM Zone</b> 15	<b>UTM Northing</b> 5508514	<b>Utm Easting</b> 379653	<b>Latitude</b> -94.66951	<b>Longitude</b> 49.71709
<b>Discharge pH</b>	<b>Discharge Conductivity</b>	<b>Discharge Flow</b>	<b>Discharge Receiver</b>	<b>Erosion</b> UNKNOWN
<b>Unit of Measure</b>	<b>Acid Basic Acct. Result</b>	<b>Acid Basic Acct. Method</b>		

**Feature Condition**

2008 TAILINGS ASSESSMENT; TAILINS AREA IS DOWN SLOPE OF THE MILL. THE FOOTPRINT OF THE TAILINGS IS NOT DISCERNIBLE DUE TO THE EXTENSIVE VEGETATION OVERGROWTH. THE DEPOSIT APPEARS TO BE AN UNCONTAINED BEACH DEPOSIT THAT MAY BE PARTIALLY SUBMERGED IN LAKE OF THE WOODS. THE SURFACE IS EXTENSIVELY COVERED WITH TREES AND SHRUBS. EXCAVATED MATERIAL IS BROWN TO GREY SANDY SILT.

1993 ASSESSMENT; TAILINGS ARE PRESUMED TO BE IN THE LAKE.

**Known Hazards****Remediation Actions****Evaluations****Digital Documents**

Class	File Name	Comments
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Inspection Report 06357\_(02-20-2020)\_IR\_ENDM.pdf

2019 PHYSICAL HAZARDS INSPECTION REPORT

<b>Class</b>	<b>File Name</b>	<b>Comments</b>
Site Assessment Report	06357 (00-00-1993).pdf	KENORA 1993 SITE ASSESSMENT REPORT

<b>Class</b>	<b>File Name</b>	<b>Comments</b>
Site Assessment Report	06357_2008_Kenricia.pdf	2008 TAILINGS REPORT

<b>Class</b>	<b>File Name</b>	<b>Comments</b>
Miscellaneous	06357_(01-03-2019)_MISC.pdf	2019 WORK PERMIT

<b>Class</b>	<b>File Name</b>	<b>Comments</b>
Miscellaneous	06357_(1983)_GeologicalMappingReport.pdf	Geological Mapping Report 1983

## Inspections

<b>Inspection ID</b>	<b>Purpose/Type</b>	<b>Inspected by</b>	<b>Inspection Date</b>
S0101	UNKNOWN	SKOGSTAD, D.A.	10/12/1988

### **Description of Findings**

<b>Inspection ID</b>	<b>Purpose/Type</b>	<b>Inspected by</b>	<b>Inspection Date</b>
	SITE ASSESSMENT REPORT	DST CONSULTING ENGINEERS	

### **Description of Findings**

THREE ONE COMPARTMENT SHAFTS, ONE TWO COMPARTMENT SHAFT, ONE RAISE TO SURFACE, ONE ORE PASS TO SURFACE, ONE TRENCH, ONE TESPIT, ONE DEPRESSION, TWO BUILDING FOUNDATIONS, ONE AREA OF STRIPPING AND POWER LINES.

<b>Inspection ID</b>	<b>Purpose/Type</b>	<b>Inspected by</b>	<b>Inspection Date</b>
	SITE ASSESSMENT REPORT	R. DEGAGNE (AMEC)	10/2/2007

### **Description of Findings**

2008 TAILINGS ASSESSMENT

<b>Inspection ID</b>	<b>Purpose/Type</b>	<b>Inspected by</b>	<b>Inspection Date</b>
	PLANNED INSPECTION - LIMITED AUDIT	M SHELL	9/12/2019

### **Description of Findings**

## References

<b>Reference ID</b>	<b>Confidence Level</b>	<b>Confidence Level Comments</b>
111417	M	

<b>Reference Type</b>	<b>Origin Name</b>	<b>General Comments</b>
PUBLICATION	OGS	OGS OFR 5695 P.191-194

<b>Reference ID</b>	<b>Confidence Level</b>	<b>Confidence Level Comments</b>
111416	M	

<b>Reference Type</b>	<b>Origin Name</b>	<b>General Comments</b>
PUBLICATION	OGS	OGS MDC.16, P.23

<b>Reference ID</b>	<b>Confidence Level</b>	<b>Confidence Level Comments</b>
111415	M	

<b>Reference Type</b>	<b>Origin Name</b>	<b>General Comments</b>
PUBLICATION		KENRICIA MINE-MINERAL DEPOSIT FILE, KENO RA RES GEO OFFICE

<b>Reference ID</b>	<b>Confidence Level</b>	<b>Confidence Level Comments</b>
111414	M	

<b>Reference Type</b>	<b>Origin Name</b>	<b>General Comments</b>
PUBLICATION		INSPECTION REPORT, KENRICIA GOLD MINES L TD-MOL FILE STORED AT THE

KENORA RES GE

**Reference ID** **Confidence Level**  
121372 M

**Confidence Level Comments**

**Reference Type** **Origin Name**  
REPORT DST CONSULTING  
ENGINEERS

**General Comments**  
DST CONSULTING ENGINEERS PART B VOLUME 3 1994  
OBM, SCALED SITE DRAWING, 35MM SLIDES AND VIDEO INCLUDED IN THE SITE  
ASSESSMENT.

**Ministry of Energy, Northern  
Development and Mines**

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Ministry Contact Information

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