



## TABLE OF CONTENTS

1.0	INTRODUCTION AND OVERVIEW						
2.0	CONS	CONSULTATION					
3.0	ENVIR	ENVIRONMENTAL SETTING					
1.0	ALTER	ALTERNATIVES ASSESSMENT					
5.0	PROJE	PROJECT DESCRIPTION					
5.0	EFFEC	EFFECTS ASSESSMENT AND MITIGATION					
	6.1	Effects Assessment Approach					
	6.2	Air Quality					
	6.3	Noise and Vibration					
	6.4	Greenhouse Gas Emissions					
	6.5	Groundwater					
	6.6	Birch Lake System					
	6.7	Springpole Lake, North Basin System					
	6.8	Springpole Lake, Southeast Arm System					
	6.9	Local Inland Waterbodies					
	6.10	Fish and Fish Habitat					
	6.11	Vegetation Communities and Wetlands					
	6.12	Wildlife and Wildlife Habitat					
	6.13	Boreal Caribou					
	6.14	Wolverine					
	6.15	Bats					
	6.16	Species at Risk Birds					
	6.17	Commercial Land and Resource Use					
	6.18	Outdoor Recreation					
	6.19	Local and Regional Economy					
	6.20	Local and Regional Infrastructure and Services					
	6.21	Traditional Land and Resource Use					
	6.22	Archaeology					
	6.23	Built Heritage Resources and Cultural Heritage Landscapes					
	6.24	Human and Ecological Health					
	6.25	Federal Considerations					
	6.26	Effects on Indiaenous People					





7.0	Cumulative Effects Assessment
8.0	Effects of the Environment on the Project
9.0	Malfunctions and Accidents
10.0	Summary of Benefits
11.0	Environmental Approval Requirements
12.0	Follow-up and Monitoring
13.0	Conclusions
14.0	Authors
15.0	Effects Assessment Summary Tables





## LIST OF APPENDICES

- A. PHOTOGRAPHIC SUMMARY
- B. ENVIRONMENTAL IMPACT STATEMENT GUIDELINES, APPROVED TERMS OF REFERENCE, AND ASSOCIATED CONCORDANCE AND COMMITMENTS TABLES
  - B-1 General EIS Guidelines
  - B-2 Final EIS Table of Concordance (EIS Guidelines)
  - B-3 Approved Terms of Reference
  - B-4 Approved ToR Commitments / Consultation Table of Concordance
  - B-5 Table of Concordance for the ToR
- C. COMMENT RESPONSE TABLES
- D. RECORD OF CONSULTATION
  - D-1 Communication Logs
  - D-1.1 Indigenous
  - D-1.2 Government
  - D-1.3 Municipal
  - D-1.4 Public
  - D-2 Support Documents
  - D-2.1 Indigenous
  - D-2.2 Government
  - D-2.3 Municipal
  - D-2.4 Public
- E. REVISED MINE WASTE ALTERNATIVES ASSESSMENT
- F. REVISED FISH HABITAT OFFSET / COMPENSATION PLAN
- G. AIR QUALITY TECHNICAL SUPPORT DOCUMENTS
  - G-1 Air Quality Baseline Report
  - G-2 Air Quality Assessment Report
- H. SOUND & VIBRATION TECHNICAL SUPPORT DOCUMENTS
  - H-1 Baseline Sound & Vibration (Leaves Off)
  - H-2 Baseline Sound & Vibration (Leaves On)
  - H-3 Baseline Sound Noise Assessment Report
  - H-4 Blasting Assessment Report





CLIMATE	CHANGE	<b>TECHNICAL</b>	SUPPORT	<b>DOCUMENTS</b>

- I-1 GHG Assessment Report
- I-2 Net Zero Strategy
- I-3 Future Climate Projections
- J. AMBIENT LIGHT BASELINE AND PREDICTIVE ASSESSMENT
- K. GEOCHEMISTRY TECHNICAL SUPPORT DOCUMENTS
  - K-1.1 Static Testing Baseline Report 2021
  - K-1.2 Tailings ML/ARD Assessment Static Testing Results
  - K-1.3 Kinetic Geochemistry Report
  - K-1.4 Overburden Fish Habitat Area Geochemistry Memo
  - K-1.5 Static Geochemical Characterization of Springpole Lake Sediment Samples
  - K-1.6 Geochemical Assessment of CDF Quarry
  - K-2 Mine Site Water Quality Modeling
- L. HYDROGEOLOGY TECHNICAL SUPPORT DOCUMENTS
  - L-1 Baseline Hydrogeology Report
  - L-2 Hydrogeological Modeling Report
- M. HYDROLOGY TECHNICAL SUPPORT DOCUMENTS
  - M-1 Baseline Hydrology Report
  - M-2 Mine Site Water Balance
  - M-3 Receiver Water Balance
- N. WATER QUALITY TECHNICAL SUPPORT DOCUMENTS
  - N-1 Surface Water Quality Baseline
  - N-2 Surface Water Quality Modeling Report
  - N-3 Surface Water Quality Predictive Modeling of Pit Lake Water Quality
- O. AQUATIC RESOURCES TECHNICAL SUPPORT DOCUMENTS
  - O-1 2022/2023 Aquatics Baseline
  - O-2 2021 Aquatics Baseline
  - O-3 2020 Aquatics Baseline





Р	TERRESTRIAL	RESOURCES 7	TECHNICAL	SUPPORT	DOCUMENTS

- P-1 Baseline Terrestrial Report
- P-2 Support Documents
- P-2.1 GHD Category 2 and Category 3 Updated Modelling Report (Ferrit 2024)
- P-2.2 Resource Selection Probability Modelling of Calving Areas Using Recent Satellite Telemetry Data (Minnow 2024)
- P-2.3 Resource Selection Probability Modelling of Calving Areas using GHD Spring & Summer and MECP Category 1 Areas (Ferrit 2024)
- P-2.4 Report on Caribou Sustainability Metrics for the Springpole Project Current and Future Condition Scenarios with Assessments at LSA and RSA Scales (Ferrit 2024)
- P-3 Supplementary Wildlife Analysis

## Q. SOCIOECONOMIC TECHNICAL SUPPORT DOCUMENTS

- Q-1 Baseline Socioeconomic Report Addendum
- Q-2 Economic Modeling Report
- Q-3 Draft Employee Health & Wellness Strategy
- R. HUMAN AND ECOLOGICAL HEALTH RISK ASSESSMENT

## S. ARCHAEOLOGY AND CULTURAL HERITAGE TECHNICAL SUPPORT DOCUMENTS

- S-1 Stage 1 Archaeological Assessment of the Mine Site Development Area
- S-2 Stage 2 Archaeological Assessment of the Mine Site Development Area
- S-3 Stage 1 Archaeological Assessment and Cultural Heritage Resource Evaluation, Four Alternate Transmission Line Corridors and Parts of the Proposed Mine Access Road
- S-4 Stage 1 Archaeological Assessment, Aggregate Source Pits, Effluent Discharge Pipeline and Alternative Access Road Routes
- S-5 Archaeological Chance Find Procedure
- S-6 Cultural Heritage Research Report: Built Heritage and Cultural Heritage Landscapes
- S-7 Cultural Heritage Evaluation Report Baseline
- S-8 Cultural Heritage Evaluation Report CHR1 Travel Route
- S-9 Cultural Heritage Evaluation Report CHR3 Cabin
- S-10 Cultural Heritage Evaluation Report CHR4 Cabin
- S-11 Cultural Heritage Evaluation Report CHR5 Cabin





- T. SPECIES AT RISK ALTERNATIVES ASSESSMENT
- U. VISUAL ASSESSMENT REPORT
- V. CO-DISPOSAL FACILITY (CDF) AND DIKE DESIGNS
  - V-1 CDF PFS Design Report Update
  - V-2 Pre-Feasibility Design of Dikes
  - V-3 Supporting Documents
  - V-3.1 Community/Stakeholder Letters
  - V-3.2 IGTRB CVs
  - V-3.3 IGTRB Meeting No. 1
  - V-3.4 IGTRB Meeting No. 2