



UPPER BEAVER PROJECT

Upper Beaver Gold Project Impact Statement

Impact Statement Submission 1:

Sections 1, 2, 3, 4, 7, 13, 14, 15 and 16

**Appendices A-1, A-2, D-1, E-1, G-1, G-2,
H-1, I-1, K-1 and P-1**



Preface

Agnico Eagle Mines Limited retained WSP Canada Inc. to develop the Upper Beaver Gold Project Impact Statement. Agnico Eagle Mines Limited has provided this initial submission of 9 sections and 10 appendices of the Impact Statement containing the primary technical aspects of the Upper Beaver Gold Project in discussion with the Impact Assessment Agency of Canada to support ongoing regulatory engagement and review.

The complete Impact Statement that will follow in late 2026, has been structured to follow the Tailored Impact Statement Guidelines, in order to facilitate the review of the Impact Statement and participation in the process, and provides:

- Background information
- Alternatives assessment
- Description of the Upper Beaver Gold Project
- Characterization of potential changes to the environment
- Framework for confirming assessment of changes
- Conclusions and author qualifications
- Appendices containing additional information including environmental baseline reports, modelling and assessment reports, and information intended to support the progression of federal environmental approvals.

This first submission to the Impact Assessment Agency of Canada includes the following Impact Statement sections and appendices:

Impact Statement Sections:

- Section 1: Introduction and Overview
- Section 2: Environmental Setting
- Section 3: Project Purpose and Alternatives Assessment
- Section 4: Project Description
- Section 7: Effects Assessment Methodology
- Section 13: Effects of Potential Accidents and Malfunctions
- Section 14: Effects of the Environment on the Project
- Section 15: Summary of Benefits
- Section 16: Environmental Approvals.

Impact Statement Appendices:

- Appendix A-1: Tailored Impact Statement Guidelines
- Appendix A-2: Tailored Impact Statement Guidelines Concordance Table for Submission 1
- Appendix D-1: Baseline Air Quality Monitoring Report

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- Appendix E-1: 2021 Sound Baseline Report
 - Appendix G-1: Baseline Hydrology Report
 - Appendix G-2: Cumulative Baseline Water Quality Report
 - Appendix H-1: Metal Leaching and Acid Rock Drainage Characterization Report (Operations Phase)
 - Appendix I-1: 2021-2023 Fish and Fish Habitat Baseline
 - Appendix K-1: 2023 Terrestrial Baseline Report
 - Appendix P-1: Information for Navigable Waters Assessment.

Measurement Units

Symbol	Description
\$	dollars
\$M	million dollars
%	percent
>	greater than
≤	less than or equal to
°	Degree
°C	degrees Celsius
dBA	A-weighted decibel
E	east / easting
g/t	grams per tonne
H:V	horizontal-to-vertical slope ratio
ha	hectare
hr	hour
kg	kilogram
kg/t	kilogram per tonne
km	kilometre
km/h	kilometre per hour
km ²	square kilometre
kt-CO ₂ e	kilotonne of CO ₂ equivalent
kV	kilovolt
L	litre
L/day	litres per day
m	metre
m ²	square metre
m ³	cubic metre
m ³ /yr	cubic metre per year
mm	millimetre
Mm ³	million cubic metres
Mt	million tonnes
MW	megawatt
N	north / northing
t	tonne
tpd	tonne per day
W	west

Chemical Abbreviations

Chemical Symbol	Description
CN ⁻	cyanide ion
CNO ⁻	cyanate ion
CO ₂	carbon dioxide
CuSO ₄	copper sulphate
H ₂ O	water
H ₂ SO ₄	sulphuric acid
NH ₃	ammonia
SO ₂	sulphur dioxide