



PRODIGY
GOLD INCORPORATED

Magino Gold Project

MAGINO GOLD PROJECT

Finan Township, Algoma District, Ontario

ENVIRONMENTAL IMPACT STATEMENT APPENDIX 4: ACRONYMS

Submitted to:

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APPENDIX 4: ACRONYMS

%	Percent
% HA	Percent highly annoyed by increased noise levels caused by project
°C	Degrees Celsius
AAQC	Ambient Air Quality Criteria
AAQO	Ambient Air Quality Objectives (for Ontario)
ABA	Acid Base Accounting
ACR	Algoma Central Railway
Agency	Canadian Environmental Assessment Agency
AMSL	Above Mean Sea Level
ANFO	Ammonium Nitrate/Fuel Oil
API	Algoma Power Inc.
ARD	Acidic Rock Drainage
Argonaut	Argonaut Gold Incorporated
ATSDR	Agency for Toxic Substances and Disease Registry
ATV	All-Terrain Vehicle
Au	Gold
AWIC	Algoma Workforce Investment Corporation
BFN	Batchewana First Nation
BLM	Bureau of Land Management
BMP	Best Management Practice(s)
BNR	Batchewana First Nations Natural Resources Department
BPT	Best Practical Treatment
BTU	British Thermal Unit
CAAQS	Canadian Ambient Air Quality Standards
CACC	Central Ambulance Communication
CaCO ₃	Calcium Carbonate
CAD	Computer Aided Design
CalEPA	California Environmental Protection Agency
CAO	Chief Administrative Officer
CaO	Lime
CBA	Community Benefits Agreement
CCCSN	Canada's Canadian Climate Change Scenarios Network
CCGP	Chapleau Crown Game Preserve
CCME	Canadian Council of Ministers of the Environment
CCOHS	Canadian Centre for Occupational Health and Safety
CCTV	Closed Circuit Television
CDA	Canadian Dam Association
CEA	Cumulative Effects Assessment
CEAA	Canadian Environmental Assessment Act

CEDC	Community Economic Development Commission (Thunder Bay)
CEGEP	Collège d'enseignement général et professionnel [General and Vocational College]
CEPA	Canadian Environmental Protection Act
CEPP	Canadian Environmental Protection Plan
CEQG	Canadian Environmental Quality Guideline
CFIA	Canadian Food Inspection Agency
CH ₄	Methane
CIC	Carbon-in-Column
CIE	Commission Internationale de l'Eclairage
CIP	Carbon in Pulp
Class EA	Class Environmental Assessment
cm	Centimetre
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
CO _{2e}	Equivalent Carbon Dioxide
CO ₃ ⁻²	Carbonate
COC	Contaminants of Concern
COPC	Chemical of Potential Concern
CORMIX™	Cornell Mixing Zone Expert System
COSEWIC	Committee on the Status of Endangered Wildlife in Canada
COSSARO	Committee on the Status of SAR in Ontario
CPR	Canadian Pacific Railway
CRA	Commercial, Recreational, or Aboriginal
CSM	Conceptual Site Model
CuSO ₄ 4H ₂ O	Copper Sulphate
CWQS	Canadian Water Quality Guidelines
CWS	Canadian Wildlife Service
CYXZ	Wawa Municipal Airport
d/y	Day per year
d	Day
dB	Decibel
dBA	A-weighted Decibel
dB _L	Decibel Linear
DFO	Department of Fisheries & Oceans
DL	Detection Limit
DO	Dissolved Oxygen
DOC	Dissolved Organic Carbon
DPM	Diesel Particulate Matter
DS	Double Scattering
DVS	Dissolved Volatile Solids

EA	Environmental Assessment
EAA	Environmental Assessment Act
EASR	Environmental Activity and Sector Registry
EBA	EBA Engineering Consultants, a Tetra Tech Company
EC	Environment Canada
ECCC	Environment and Climate Change Canada
ECA	Environmental Compliance Approval
EDI	Estimated daily intake
EDO	Economic Development Officer
EEM	Environment Effects Monitoring
EF	Extinction Factor
EHS	Environmental Health and Safety
EIS	Environmental Impact Statement
ELC	Ecological Land Classification
EM	Electromagnetic
EMP	Environmental Management Plan
EMS	Environmental Management System
EPA	Environmental Protection Act
EPA	Environmental Protection Agency
EPT	Ephemeroptera, Plecoptera, and Trichoptera
ER	Emergency Response
ERP	Emergency Response Plan
ERSPC	Emergency Response Spill Prevention/Contingency Plan
ESA	Endangered Species Act
ESIA	Environmental and Social Impact Assessment
ESL	Effects Screening Level
ESP	Environmental Screening Process
FA	Fisheries Act
FAQs	Frequently Asked Questions
FFPA	Forest Fire Prevention Act
FM	Frequency Modulation
fmB	Foot Board Measure
FMP	Follow-up Management Plans
FMP	Follow-up and Monitoring Program
FPAC	Federal-Provincial Advisory Committee
FPTCCCEA	Federal-Provincial-Territorial Committee on Climate Change and Environmental Assessment
ft	Feet
g	Grams
g/cm ³	Gram per cubic centimetre
g/m ² /y	Gram per square metre per year
g/s	Gram per second

G&A	General and Administrative
g/m ² /30-day	Grams per square metre per 30-day period (typically monthly)
GCM	General Circulation Model
GCM	Global Climate Models
GDP	Gross Domestic Product
GGR	Golden Goose Resources
GHG	Greenhouse Gas(es)
GHGRP	Government of Canada GHG Reporting Program
GIS	Geographic Information Systems
g/t	Grams per tonne
GRFN	Garden River First Nation
GWP	Global Warming Potential
H:V	Horizontal:Vertical
H&S	Health and Safety
ha	Hectare
HazOp	Hazard Identification and Operability Reviews
HC	Health Canada
HCl	Hydrochloric Acid
HCII	Specific critical noise level
HCN	Hydrogen Cyanide Gas Detectors
HCO ₃ ⁻	Bicarbonate
HEP	Habitat Evaluation Procedure
HHRA	Human Health Risk Assessment
HMI	Human Machine Interface
HP	Horsepower
HQ	Hazard Quotient
HSDB	Hazardous Substance Data Bank
HSI	Habitat Suitability Indices
HSU	Habitat Suitability Units
HU	Disturbed Old Mine Site Area
HVAC	Heating, Ventilation and Air Conditioning
Hz	Hertz
IARC	International Agency for Research on Cancer
ICMC or Cyanide Code	International Cyanide Management Code
IESNA	Illuminating Engineering Society of North America
ILCR	Incremental lifetime cancer risk
IPCC	Intergovernmental Panel on Climate Change
IRIS	United States Environmental Protection Agency Integrated Risk Information System
ISC	Industrial Source Complex
ISO	International Organization for Standardization
ISQG	Interim Sediment Quality Guidelines

ISW	Industrial Sewage Waste Discharge
IUR	Inhalation unit risk
JDS	JDS Energy & Mining Inc.
kg	Kilogram
Kg/day	Kilogram per day
kg dry weight/m ²	Kilogram dry weight per square metre
Kg/t	Kilogram per tonne
km	Kilometre
km/hr	Kilometre per hour
km ²	Square kilometre
kPa	Kilopascals
Kodiak	Kodiak Exploration Limited
Koz	Kilo ounces
kt	Kilotonnes
kV	Kilovolt
Kw	Kilowatts
L	Litre
L/d	Litre per day
L/kg	Litre per kilogram
LBB	Little Brown Bat
LCC	Local Citizens Committee
LEL	Lowest Effect Level
LEL	Long-term Exposure Limit
LGOS	Low-Grade Ore Stockpile
LOAEL	Lowest Observed Adverse Effect Levels
LOM	Life of Mine
LOSU	Level of Scientific Understanding
LRIA	Lakes and Rivers Improvement Act
LSA	Local Study Area
LSWBM	Lake and Surface Water Balance Model
lux	Lumens per metre squared
m	Metres
M	Million
m/s	Metres per second
m ²	Square metre
m ³	Cubic Metres
m ³ /day	Cubic metres per day
m ³ /hr	Cubic metres per hour
MAC	Mining Association of Canada
MAFH	Moose Aquatic Feeding Areas
mag/arcsec ²	Magnitude per square arc second
Magino	Magino Gold Mines, Ltd.

Masl	Metres above sea level
McCarthy-Webb Goudreau Mines	McCarthy-Webb Goudreau Mines, Limited
MCC	Motor Control Centre
MCFN	Missanabie Cree First Nation
MEND	Mine Environment Neutral Drainage
MERC	Mushkegowuk Environmental Research Centre
MFN	Michipicoten First Nation
mlux	Millilux (measured in one thousandth of a lumen per metre squared)
mg/g	Milligram per gram
mg/kg	Milligram per kilogram
mg/kg/d	Milligram per kilogram per day
mg/L	Milligram per litre
mg/L NH ₃	Milligram per litre ammonia
mg/L-N	Milligram per litre nitrogen
(mg/m ²)/(kg/cm ²)	Milligram per square metre per kilogram per square metre
mg/m ³	Milligram per cubic metre
ML	Metal Leaching
MI	Million Litres
mL	Millilitre
mm	Millimetres
mm/s	Millimetres per second
MMAH	Ministry of Municipal Affairs and Housing
MMER	Metal Mining Effluent Regulations
MNDM	Ministry of Northern Development and Mines
MNO	Métis Nation of Ontario
MNR	Ontario Ministry of Natural Resources
MNRF	Ministry of Natural Resources and Forestry
MOE	Ontario Ministry of the Environment
MOECC	Ministry of Environment and Climate Change
MoL	Ontario Ministry of Labour
MOU	Memorandum of Understanding
Moz.	Million Ounces
MPA	Maximum Potential Acidity
MPOI	Maximum Point of Impingement
MPP	Member of Provincial Parliament
MRL	Minimal Risk Level
MRMF	Mine Rock Management Facility
MSC	Meteorological Service of Canada
MSDS	Material Safety Data Sheet
Mt	Million Tonnes
MTO	Ministry of Transportation

MW	Megawatts
MWC	Moose Late Winter Cover
N ₂ O	Nitrous Oxide
NAAQO	National Ambient Air Quality Objectives
NaCN	Sodium Cyanide
NAD	North American Datum
NAG	Non-acid Generating
NaOH	Caustic Soda
NAPS	National Air Pollution Surveillance Program
NE	Northeast
NFMC	Nawiinginokiima Forest Management Corporation
NFR	Near Field Region
ng/g	Nanogram per gram
ng/L	Nanogram per litre
NHIC	Natural Heritage Information Centre
NI-43-101	Canadian Securities Administrator's National Instrument 43-101
NLEB	Northern Long-eared Bat
NO	Nitric Oxide
NO ₂	Nitrogen Dioxide
NO _x	Nitrogen Oxides
NOAEL	No Observed Adverse Effect Level
NPC	Noise Pollution Control
NP	Neutralization Potential
NPR	Neutralization Potential Ratio
NPRI	National Pollutant Release Inventory
NRCan	Natural Resources Canada
NSFC	Northeast Superior Forest Community
O. Reg.	Ontario Regulation
OEB	Ontario Energy Board
ODWS	Ontario Drinking Water Quality Standards
OH ⁻	Hydroxide
OHSA	Occupational Health and Safety Act
OHSAS	Occupational Health Safety and System Standard
OLM	Ozone Limiting Method
OMA	Ontario Mining Association
Ontario Minister	Minister of the Environment and Climate Change
OP	Official Plan
OPP	Ontario Provincial Police
OPSD	Ontario Provincial Standard Drawings
OSM	Operation, Supervision and Maintenance
oz.	Ounces

PAG	Potentially Acid Generating
PAH	Polycyclic Aromatic Hydrocarbons
PAPL	Peak Air Pressure Level
PEL	permissible exposure limit
PDR	Federal Project Description Report
PFS	Preliminary Feasibility Study
pH	Potential of Hydrogen
PLC	Programmable Control System
PM	Particulate Matter
PM _{2.5}	Particles nominally smaller than 2.5 µm in aerodynamic diameter
PM ₁₀	Particulate matter less than 10 micrometres
PMFN	Pic Moberg First Nation
POI	Point of Impingement
POR	Point(s) of Reception
ppb	Parts per billion (or 1 in 1,000,000,000)
ppm	Parts per million (or 1 in 1,000,000)
PPS	Provincial Policy Statement
PPV	Peak Particle Velocity
Prodigy	Prodigy Gold Incorporated
Project	Magino Gold Project
PSA	Project Study Area
PTTW	Permits to Take Water
PWQO	Provincial Water Quality Objectives
REL	Reference Exposure Level
RfC	Reference Concentration
Richmont	Richmont Mines Incorporated
RIVM	Netherlands National Institute of Public Health and the Environment
ROM	Run-of-mine
ROW	Right-of-way
RMR	Rock Mass Rating
RQD	Rock Quality Designation
RSA	Regional Study Area
RSFD	Resource Stewardship and Facility Development Projects
RSL	Regional Screening Level
RSMIN	Red Sky Métis Independent Nation
s/m ² /y	Second per square metre per year
S1 Risk	Ontario Ministry of the Environment soil contact risk component value
s	Second
SAG	Semi-Autogenous Grinding
SAR	Species at Risk
SARA	Species at Risk Act
SARO	Species at Risk in Ontario

SECFDC	Superior East Community Futures Development Corporation
SEL	Short-term Exposure Limit
SEL	Severe Effect Level
SELDTF	Superior East Labour Development Task Force
SiO ₂	Silicon Dioxide
SLR	SLR Consulting, Ltd.
SO ₂	Sulfur Dioxide
SO ₄	Sulphate
SOCC	Species of Conservation Concern
SPM	Suspended Particulate Matter (equivalent to Total Suspended Particulate or TSP)
SQM	Sky Quality Meter
SRES	Special Report on Emission Scenarios
SSA	Site Study Area
SSC	Species of Special Concern
SW	South-west
SWH	Significant Wildlife Habitat
t	Tonnes
T and E	Threatened and Endangered
tpd	Tonnes per day
t/d	Tonnes per day
t/y	Tonnes per year
TCEQ	Texas Commission on Environmental Quality
TDG	Transportation of Dangerous Goods
TDGR	Transportation of Dangerous Goods Regulations
TDS	Total Dissolved Solids
TK	Traditional Knowledge
TKN	Total Kjeldahl Nitrogen
TKS	Traditional Knowledge Studies
TL	Transmission Loss
TLU	Traditional Land Use
TMF	Tailings Management Facility
TOC	Total organic Carbon
TP	Total Phosphorous
TRV	Toxicity Reference Value
TSD	Technical Support Document
TSM	Toward Sustainable Mining
TSP	Total Suspended Particulate
TSS	Total Suspended Solids
TSSA	Technical Standards & Safety Authority
ULR	Upward Light Ratio
UFLP	Umbata Falls Limited Partnership

US	United States
USCS	Unified Soil Classification System
U.S. EPA	United States Environmental Protection Agency
UF	Uncertainty Factor
ULR	Upward Light Ratio
UNEP	United Nations Environment Program
UTM	Universal Transverse Mercator (coordinate system)
VC	Valued Component
VEC	Valued Ecosystem Component
VOC	Volatile Organic Compound(s)
VSS	Volatile Suspended Solids
VWP	Vibrating Wire Piezometers
W	Watt
WBCSD	World Business Council for Sustainable Development
WBEA	Wood Buffalo Environmental Association
WHMIS	Workplace Hazardous Materials Information System
WHO	World Health Organization
WMO	World Meteorological Organization
WMP	Water Management Plan
WMU	Wildlife Management Unit
WNS	White-nosed Syndrome
WQ	Water Quality
WQCP	Water Quality Control Pond
WRI	World Resources Institute
WSC	Water Survey of Canada
Wt	Weight
y	Year
µg	Micrograms
µg/kg/d	Microgram per kilogram per day
µg/L	Microgram per litre
µg/m ³	Micrograms per cubic metre
µm	Micrometres (also microns)