

## **Appendices**



## **Table of Appendices**

Appendix ID	Title	Author
A.1	Fifteen Mile Stream Gold Project Archaeological Screening & Reconnaissance 2019 Halifax Municipality Nova Scotia	Cultural Resource Management Group
A.2	Fifteen Mile Stream Gold Project Archaeological Screening & Reconnaissance 2018 Halifax Municipality Nova Scotia	Cultural Resource Management Group
A.3	Fifteen Mile Stream Gold Project Archaeological Screening & Reconnaissance 2019 Halifax Municipality Nova Scotia	Cultural Resource Management Group
B.1	Fifteen Mile Stream Gold Project Hydrogeological Investigation	Golder Associates
B.2	Fifteen Mile Stream Gold Project Hydrogeological Modelling Assessment	Golder Associates
B.3	Fifteen Mile Stream Gold Project Hydrology Baseline	Golder Associates
B.4	Fifteen Mile Stream Gold Project Hydrological Modelling Assessment	Golder Associates
B.5	Fifteen Mile Stream Gold Project Surface Water Quality Baseline	Golder Associates
B.6	Fifteen Mile Stream Gold Project Surface Water Quality Modelling Assessment	Golder Associates
B.7	Hydrological and Surface Water Quality Modelling Assessments for Watercourse 12 – Fifteen Mile Stream Gold Project	Golder Associates
B.8	2017 Geotechnical Hydraulic Conductivity Data Summary	Golder Associates
B.9	Seloam Brook Diversion Channel Hydraulic Modelling Technical Memorandum	Golder Associates
B.10	Long Term Groundwater Monitoring, Fifteen Mile Stream, Round 8, Technical Memorandum	Golder Associates
C.1	Evaluation of Potential Human Exposure and Risks Related to Emissions from the Fifteen Mile Stream Mine Pit Project (Dust Deposition; Recreational Water Usage; Country Foods)	Intrinsik Corp.
C.2	Evaluation of Potential for Aquatic Effects as a Result of Aquatic Releases Related to the Fifteen Mile Gold Project	Intrinsik Corp.
D.1	Moose River Consolidated Phase II Preliminary Engineering Hydrometeorology Report	Knight Piésold Ltd
D.2	Fifteen Mile Stream Project Preliminary Waste and Water Management Design for Submission of the Environmental Impact Statement	Knight Piésold Ltd
D.3	Fifteen Mile Stream Project Tailings Management Plan for Environmental Impact Statement Submission	Knight Piésold Ltd
D.4	Seloam Brook Diversion Channel Design Technical Response	Knight Piésold Ltd



Appendix ID	Title	Author
E.1	Economic Impact Assessment of the Fifteen Mile Stream Mining Project	KPMG LLP
F.1	Fifteen Mile Stream Project: Geochemical Source Term Predictions	Lorax Environmental Services Ltd.
F.2	Fifteen Mile Stream Project – ML/ARD Assessment Report	Lorax Environmental Services Ltd.
F.3	Fifteen Mile Stream Project – Mine Rock Management Plan	Lorax Environmental Services Ltd.
G.1	Seloam and Antidam Bathymetry Lake Inventory Maps from Nova Scotia Department of Fisheries and Aquaculture	Nova Scotia Department of Fisheries and Aquaculture
G.2	Benthic Invertebrate Species in Freshwater Surber Samples – Fifteen Mile Stream	Envirosphere Consultants Limited
G.3	Fifteen Mile Stream Gold Project WESP Evaluation Results Supporting Tables	McCallum Environmental Ltd.
G.4	Fifteen Mile Stream Gold Project – Preliminary Wetland Compensation Plan	McCallum Environmental Ltd.
G.5	Environmental Screening 17-06-09 – Trafalgar Gold Mine	Nova Scotia Special Places
G.6	Fifteen Mile Stream Priority Species List	McCallum Environmental Ltd.
G.7	Atlantic Canada Conservation Data Centre – Data report 5865 – Fifteen Mile Stream, NS	Atlantic Canada Conservation Data Centre
G.8	Fifteen Mile Stream Gold Project Maritime Breeding Bird Atlas Data Summaries	Maritime Breeding Bird Atlas
G.9	Fifteen Mile Stream Project – Results of Analyses of Sediment	Maxxam Analytics
G.10	Fifteen Mile Stream Watercourse Photo Log	McCallum Environmental Ltd.
G.11	Standard Operating Procedure: Water Quality Sampling – Fifteen Mile Stream Gold Project	McCallum Environmental Ltd.
G.12	Environmental DNA – Certificate of Analysis	Bureau Veritas Laboratories
G.13	Fifteen Mile Stream Visual Simulation Results	Nortek Resource Solutions Inc.
H.1	Mi'kmaw Ecological Knowledge Study – Fifteen Mile Stream Gold Development Project	Mi'kma'ki All Points Services Inc.
I.1	Fifteen Mile Stream Historical Tailings and Waste Rock Management Plan	Stantec Consulting Ltd.
1.2	Revised Phase I Environmental Site Assessment – Fifteen Mile Stream Project	Stantec Consulting Ltd.
1.3	Limited Phase II Environmental Site Assessment – Fifteen Mile Stream	Stantec Consulting Ltd.



Appendix ID	Title	Author
1.4	Groundwater Flow and Solute Transport Modelling to Evaluate Disposal of Fifteen Mile Stream Tailings in Touquoy Open Pit – Fifteen Mile Stream Gold Project	Stantec Consulting Ltd
1.5	Fifteen Mile Stream Gold Project Assimilative Capacity Study of Moose River – Touquoy Pit Discharge	Stantec Consulting Ltd.
1.6	Touquoy Integrated Water and Tailings Management Plan – Fifteen Mile Stream Gold Project	Stantec Consulting Ltd.
1.7	Simulating the Cumulative Effects of Deposition of Tailings to the Touquoy Pit	Stantec Consulting Ltd.
J.1	Noise Baseline and Predictive Modeling – Fifteen Mile Stream Gold Project	Wood
J.2	Ambient Air Quality Assessment – Fifteen Mile Stream Gold Project	Wood
J.3	Ambient Light Baseline and Predictive Assessment Report – Fifteen Mile Stream Gold Project	Wood
J.4	Fifteen Mile Stream Mine Site conceptual Minewater Treatment Design	Wood
J.5	Seloam Brook Realignment Section Model Results Memo	Wood
J.6	Assessment of Alternatives for Storage of Mine Waste	Wood
J.7	Fish Habitat Offset Plan: Preliminary Concept Update	Wood
K.1	Summary of Public Engagement Activities	Atlantic Mining NS Inc
K.2	Summary of Mi'kmaw Engagement Activities and Supporting Documentation	Atlantic Mining NS Inc
L.1	Fifteen Mile Stream Gold Project Environmental Management System (EMS) Framework Document	Atlantic Mining NS Inc