IAMGOLD's CÔTÉ GOLD PROJECT

Provincial Individual Environmental Assessment
Draft Terms of Reference Overview

TSX: IMG **NYSE:** IAG

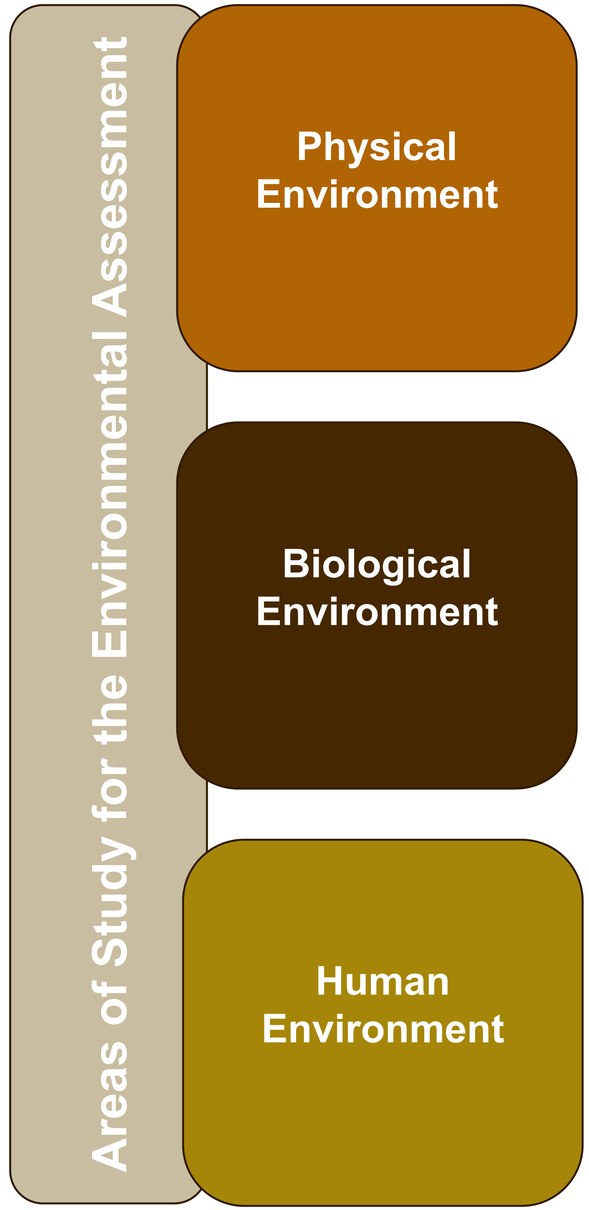
Purpose of this Meeting

- **To present information about the draft Terms of Reference (ToR) for the Provincial Individual Environmental Assessment**
- **To give you the opportunity to share your thoughts, concerns, and interests on the draft ToR**
  - We are looking for your comments on the:
    - Proposed Alternatives
    - Environmental Components
    - Consultation

Source: Minnow Environmental Inc.

Source: IAMGOLD – Core Samples

Source: AMEC - Meteorological and Air Quality Monitoring Stations



Who is IAMGOLD Corporation?
Conduct Governed by Zero Harm Framework

Highest Standards in Health and Safety

IAMGOLD ZERO

HARM | DAÑO | INCIDENT | SCHADE | KGOBALO

Minimizing Environmental Footprint

Partnering with Host Communities

Côté Gold Project

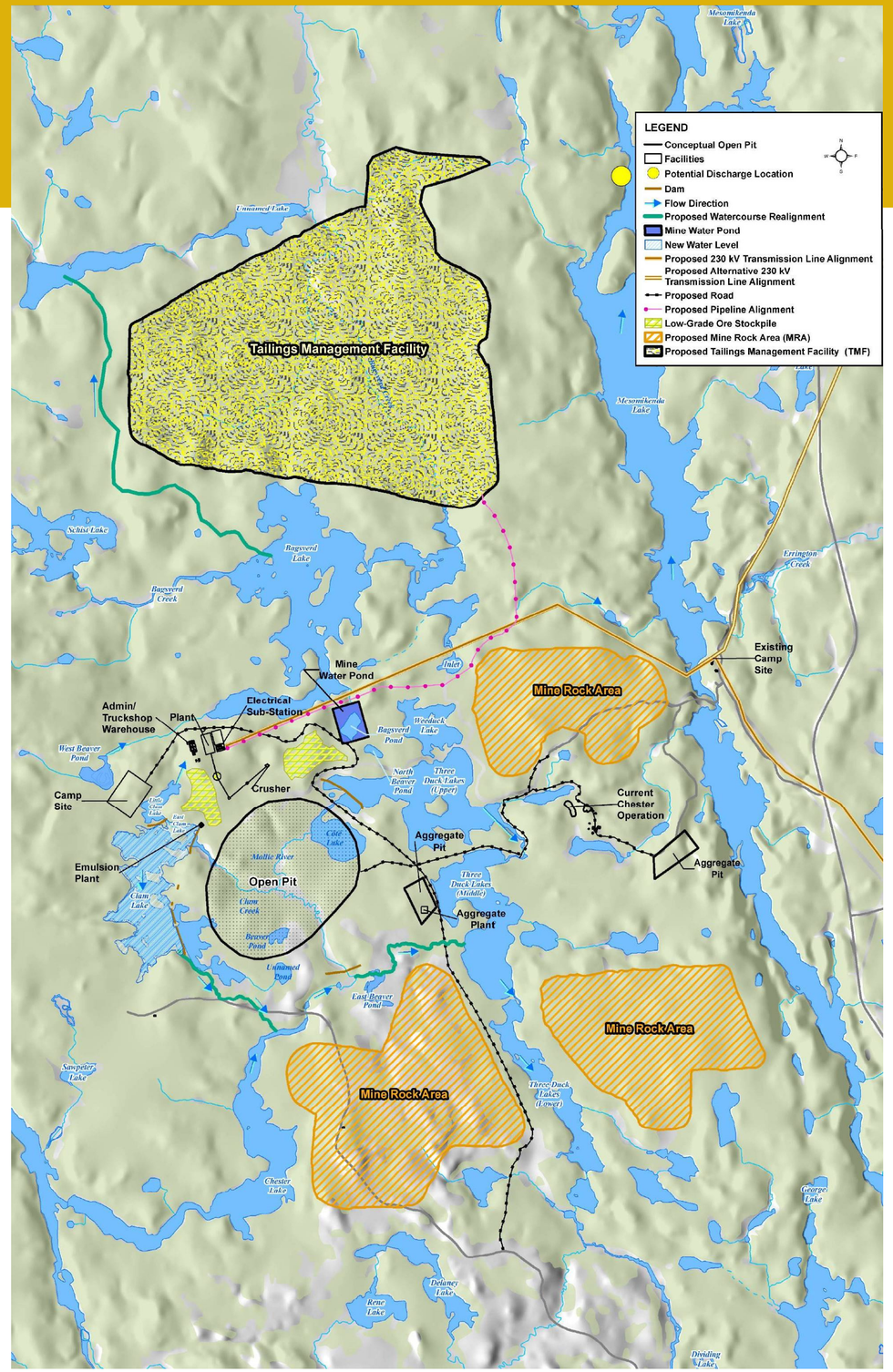
- **Previously owned by Trelawney; purchased by IAMGOLD in June 2012**

- **Located in Chester Township:**
  - Approx. 20 kilometres (km) southwest of Gogama
  - Approx. 130 km south of Timmins and 170 km north of Sudbury

- **Prospecting/exploration in this area since 1900**

- **Project site would include the open pit, ore processing plant, mine rock areas, tailings management facility, camp and office buildings**

- **Currently preparing a Pre-Feasibility Study. It is <u>estimated</u> that the open pit gold mine could:**
  - Operate for 15 years
  - Process 60,000 tonnes per day



Côté Gold Project: Preliminary Planning and Approvals Schedule

2013

Environmental Assessment commencement

Engagement with Aboriginal peoples & Stakeholders

2013-2014

Environmental Assessment completion

Engagement with impacted Aboriginal peoples & Stakeholders

Early 2015

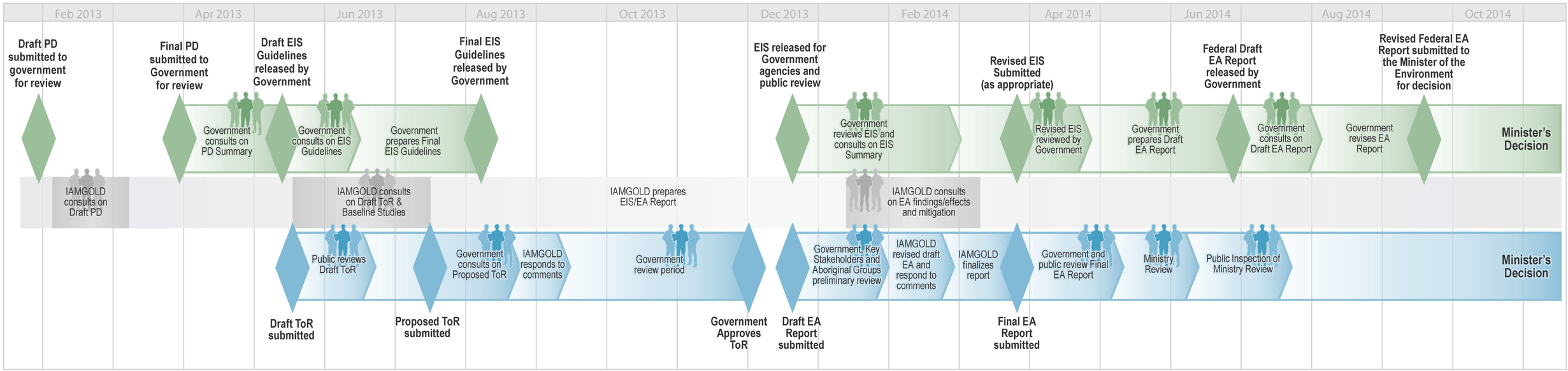
Construction activities expected to commence

Côté Gold Project: Local Partnerships and Employment

- Exploration Agreement with local First Nations
- Currently employs 50 people at the Côté Gold Project site; half of whom live in Gogama and surrounding communities
- Local contracts in place for services such as: hauling, clearing brush, making roads, pipe fusing, making core boxes, and carpenters
- IAMGOLD anticipates to employ approx. 1,200 workers during the construction phase and approx. 500 workers during the operations phase of the Project

Source for all images: IAMGOLD

Côté Gold Project: Environmental Assessments Timeline



Côté Gold Project: Terms of Reference (ToR) Overview

- **The ToR tells the government, the public and Aboriginal communities how the provincial environmental assessment will be prepared**

- **The ToR describes:**
  - the purpose and description of the Côté Gold Project
  - the purpose and alternatives for undertaking the Project; and how they will be evaluated
  - the potential impacts of the Project on the environment; and how their significance will be assessed
  - the approach by which the Aboriginal communities, public, and stakeholders will be engaged and consulted in the preparation of the environmental assessment

- **The Minister of the Environment must approve the ToR prior to the proponent preparing the environmental assessment**

Côté Gold Project: Terms of Reference Alternatives Assessment

Water Supply

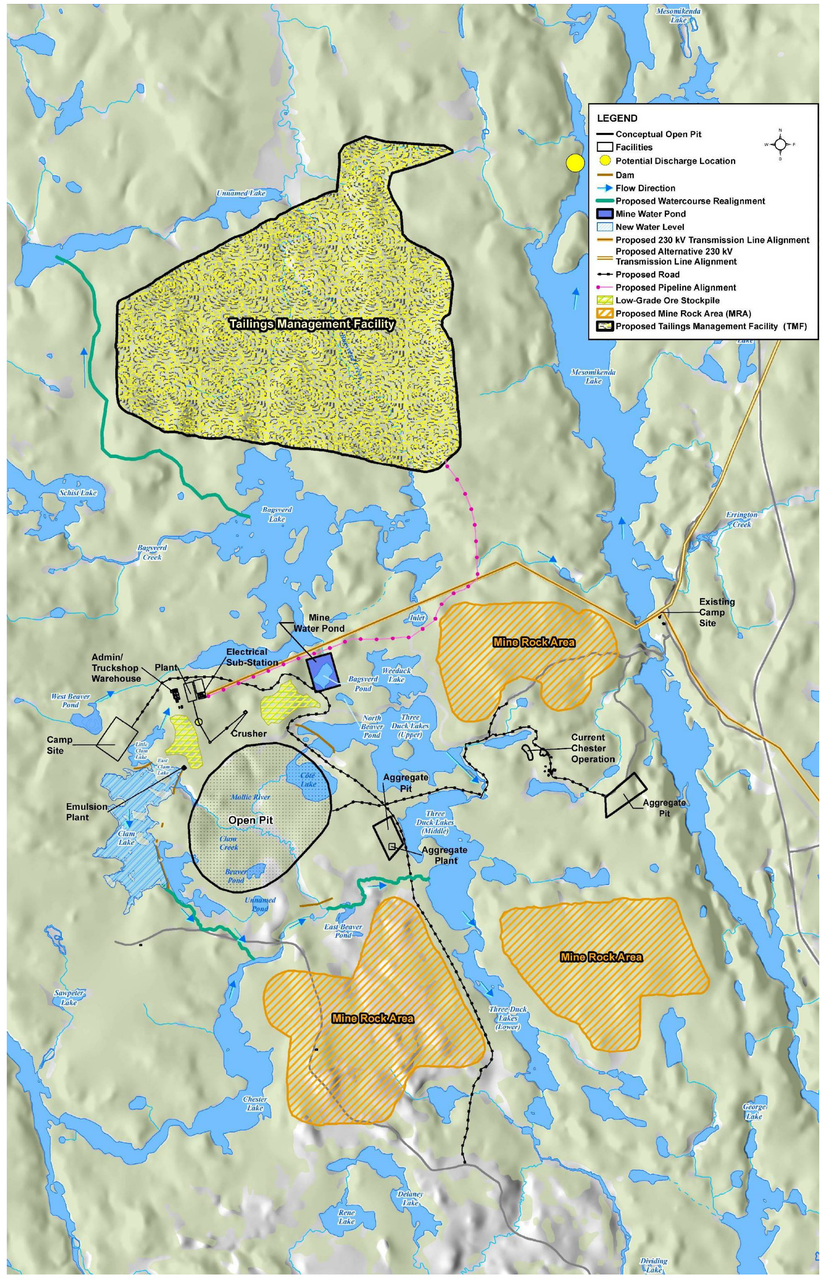
Alternatives	Assessed in the EA?	Rationale
Mesomikenda Lake	Yes	Method for meeting fresh water needs that cannot be met by on-site water recycling
Other area watercourse(s), lake(s) and pond(s)	Yes	
Groundwater well(s)	Yes	

Watercourse Realignments

Alternatives	Assessed in the EA?	Rationale
Realignment of Bagsverd Creek around the Tailings Management Facility	Yes	Watercourse realignments are dependent on the location of Project components and will be modified to minimize impacts to receiving waters and aquatic species
Realignment of portions of Three Duck Lakes, Chester Lake and the Mollie River system around the open pit and mine rock areas	Yes	

Aggregate Supply

Alternatives	Assessed in the EA?	Rationale
Overburden and mine rock	Yes	Needs being defined – Potential quantities and sources will be identified and assessed
Dedicated on-site aggregate pits	Yes	
Commercial off-site aggregate pits	Yes	



Site Infrastructure

Alternatives	Assessed in the EA?	Rationale
Maintenance garage, warehouse and administration complex	Yes	Various Locations Optimal location reviewed and refined as Project design continues
Accommodation complex	Yes	
Fuel and lube bay	Yes	
General laydown areas and temporary storage facilities	Yes	

Water Discharge Location

Alternatives	Assessed in the EA?	Rationale
Mesomikenda Lake	Yes	Discharge locations will be evaluated based on receiving water hydrological conditions, the water balance and the water quality model
Bagsverd Creek	Yes	

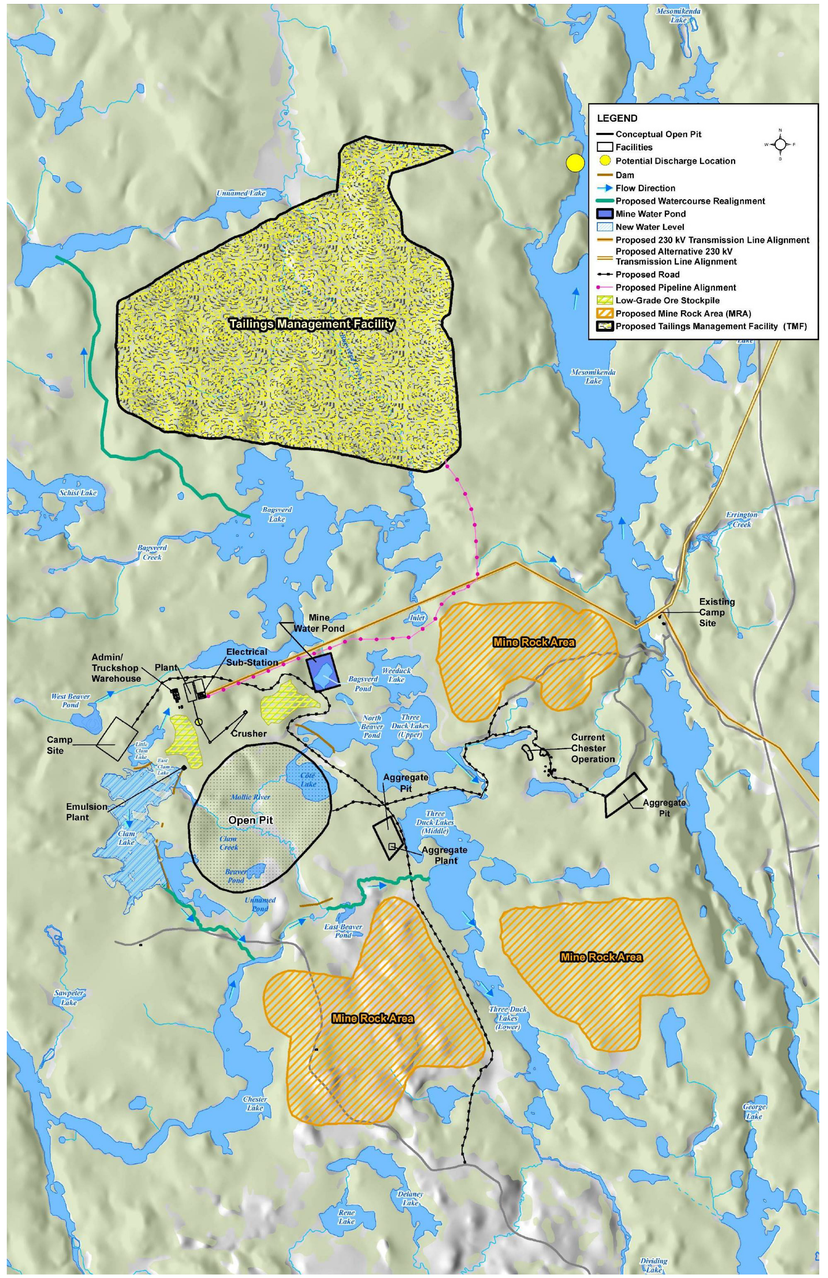
Côté Gold Project: Terms of Reference Alternatives Assessment

Process Effluent Treatment

Alternatives	Assessed in the EA?	Rationale
In-plant cyanide recycling and destruction using SO_2/Air process	Yes	Commonly used process where surface water and people would be severely impacted in the event of accidental tailings release
Process effluent discharge to Tailings Management Facility with natural degradation for cyanide destruction, with supplemental hydrogen peroxide	Yes	Hydrogen peroxide destruction of residual cyanide – lower cost than SO_2/Air process, but may carry environmental risks
Process effluent discharge to Tailings Management Facility with natural degradation for cyanide destruction	No	Presents a greater overall environmental risk

Mine Water Management

Alternatives	Assessed in the EA?	Rationale
Integrate with Tailings Management Facility operations	Yes	Best suited for Project objective: on-site water recycling
Separate mine water system	No	Against Project objective of recycling on-site water



Mine Rock and Overburden Management

Alternatives	Assessed in the EA?	Rationale
Stockpile(s) adjacent/proximal to the open pit	Yes	Common to place mine rock and overburden as close to the pit as practical Minimizing mine rock management cost
Temporary stockpile(s) location, retaining mine rock and overburden in pit during operations and/or returning to pit at closure	No	Excessive transportation costs that would render the Project not economically viable

Gold Recovery

Alternatives	Assessed in the EA?	Rationale
Combination of non-cyanide and cyanide recovery methods – selected alternative	Yes	Partial recovery through gravity separation Finer gold fraction would require cyanide leaching
Non-cyanide recovery methods	No	No viable industrial scale application alternative available
Cyanide recovery methods	No	Applied when gold is extremely fine and gravity separation is ineffective

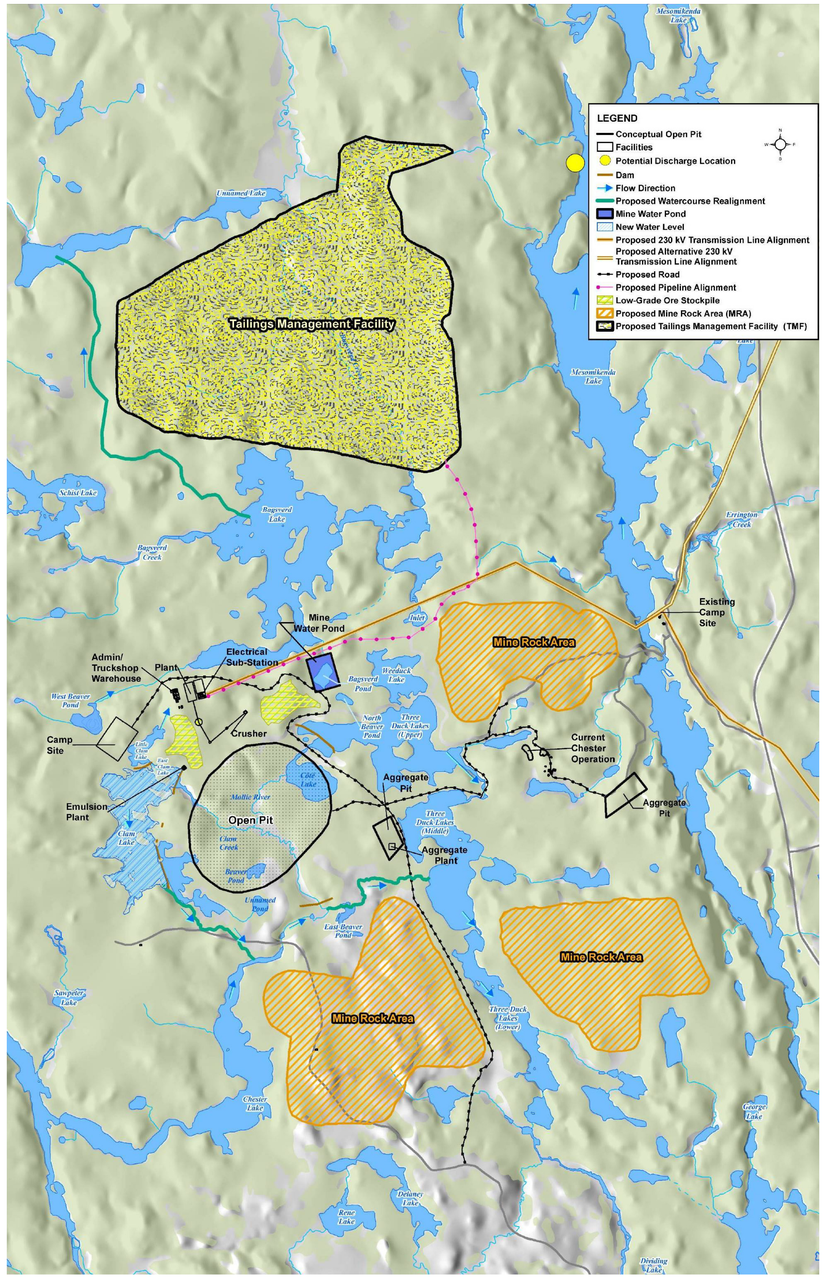
Côté Gold Project: Terms of Reference Alternatives Assessment

Tailings Management

Alternative	Assessed in the EA?	Rationale
Tailings slurry and thickening	Yes	Most commonly used deposition method in cooler climates – most suitable for the Project
Thickened tailings (60% solid content)	No	Thickening is costly Only carried out where water availability is limited (dry climates)
Paste thickened tailings (68% solid content)	No	

Tailings Management Facility

Alternative	Assessed in the EA?	Rationale
Tailings Management Facility located north of the open pit, overprinting a portion of Bagsverd Creek	Yes	Result of alternatives assessment narrowed the Tailings Management Facility location to the area north of the open pit



Mining

Alternative	Assessed in the EA?	Rationale
Open pit mining – selected alternative	Yes	Ore body is high tonnage and relatively low grade Gold finely disseminated in ore body Deposit near surface
Underground mining	No	Ore body not suitable for underground mining
Combined open pit and underground mining	No	Ore body not suitable for this method Underground operation not anticipated to be economically viable

Source: IAMGOLD - Côté Gold Project Area

Terms of Reference - Alternatives Assessment
YOUR COMMENTS, CONCERNS or QUESTIONS…

Use a sticky note to post your comments here . . .

Physical Environment

Source: AMEC - Meteorological and Air Quality Monitoring Stations

Source: AMEC – Core Sampling

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Source: AMEC – Meteorological and Air Quality Monitoring Stations

- **Physical environment baseline reports describe the physical conditions of the study area**

- **The studies include:**

  - Air Quality and Noise
  - Hydrogeology
  - Hydrology & Climate
  - Geochemistry & Geology
  - Geotechnical
  - Water Quality

Physical Environment
YOUR COMMENTS, CONCERNS AND QUESTIONS . . .

Use a sticky note to post your comments here . . .

Biological Environment

Source: Minnow Environmental Inc.

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Source: AMEC – Moose Line

- **Biological environment baseline reports describe the biological conditions and characteristics of the study area**
- **The studies include:**
  - Aquatic Biology
  - Biodiversity & Protected Areas
  - Soil
  - Vegetation
  - Wildlife

Biological Environment
YOUR COMMENTS, CONCERNS AND QUESTIONS . . .

Use a sticky note to post your comments here . . .

Human Environment

Source: AMEC - Gogama, ON

Source: Mattagami First Nation 2013 - IAMGOLD sponsored Hatchery

Source: Archaeological field visit - AMEC

Source: IAMGOLD

- **Human environment baseline reports describe the socio-economic conditions of the study area and region**
- **The studies include:**
  - **Aboriginal Traditional Knowledge**
  - **Archaeology**
  - **Land & Resource Use**
  - **Socio-economic**
  - **Visual Aesthetics**

Human Environment
YOUR COMMENTS, CONCERNS AND QUESTIONS . . .

Use a sticky note to post your comments here . . .

Terms of Reference – Method to Describe Effects

- **The environmental assessment will describe environmental effects in terms of their:**
  - Direction (is it a positive or negative effect?)
  - Magnitude (how big is the effect?)
  - Geographic extent (distance the effect goes?)
  - Frequency (how many times will the effect occur over a period of time?)
  - Duration (how long does the effect happen?)
  - Reversibility (can the effect be reversed?)
  - Likelihood (how likely is it that this effect will occur?)

- **The environmental assessment will assess cumulative effects (i.e., effects of the Project plus the effects of other projects/activities in the region)**

- **The environmental assessment will include a plan for preventing accidents and/or malfunctions**

- **The environmental assessment will assess effects of the environment (e.g., climate change) on the Project**

Côté Gold Project: Consultation

Stakeholders and Governments

- First Nation and Métis groups (as identified by federal and provincial governments)
- Gogama and other regional communities (Sudbury, Timmins)
- Provincial and federal governments
- Neighbours and adjacent land owners (Mesomikenda cottagers, mining interests, trappers, hunters)
- Interested stakeholders (economic development agencies, businesses, forestry companies, environmental organizations)

Consultation Activities and Information Sources

- Meetings and open houses
- Site tours
- Newsletters/Newspaper notices
- Project website (www.iamgold.com)
- Direct mail/e-mail to Project mailing list

Source: AMEC - Gogama Open House – November 2012

Consultation
YOUR COMMENTS, CONCERNS or QUESTIONS…

- **Things to consider:**
  - Are there any additional stakeholders that should be consulted?
  - Would you like to be involved? If so tell us how…

Use a sticky note to post your comments here . . .

Côté Gold Project: Community and Environment Team

- **Steve Woolfenden**
  - Manager, Corporate Environmental Assessments and Approvals
- **Aaron Steeghs**
  - Manager, Corporate Social Responsibility
- **Dave Brown**
  - Manager, Environmental Services
- **Cheryl Naveau**
  - Aboriginal and Community Relations

Contact us at: **cotegold@iamgold.com**