

Making Potential Happen

Welcome to Carcross – Gunalchèesh haat yee.aadi



CARCROSS TAGISH
MANAGEMENT CORPORATION

Arctic Gold and Silver and Venus Mines Roadmap to Remediation and Reconciliation

Patrick James, Clayton Dyck, Donna Wolfe, Kristina Gardner, Ryan Martin, Randy Lewis

OVERVIEW

- **Introduction and pre-history of the site – Patrick James**
- **Site history and closure – Ryan Martin**
- **Monitoring and Problem Discovery - Clayton Dyck and Donna Wolfe**
- **Reclamation, Relationships, and Closure Next Steps – Kristina Gardner and Ryan Martin**

INTRODUCTION: CARCROSS /TAGISH FIRST NATION

As a self-governing first nation with complete control over its own destiny, Carcross/Tagish First Nation (C/TFN) is looking for ways to advance the business potential that exists in the Carcross and Tagish regions.

The Carcross / Tagish Management Corporation (C/TMC) is responsible for the development of economic self reliance for C/TFN and therefore acts on behalf of the C/TFN citizens (the Shareholders) in the areas of business & professional development and economic sustainability.



CARCROSS TAGISH
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YUKON FIRST NATION TRADITIONAL TERRITORY MAP



Photo Source: www.gov.yk.ca

A VISION FOR OUR YOUTH & COMMUNITY
CARCROSS /TAGISH FIRST NATION TRADITIONAL TERRITORY

LOCATION



THE PRE-HISTORY OF THE SITE

The Game Mother Story



Photo credit: ExploreNorth 2010

THE GOLD RUSH



Photo credit: ExploreNorth 2018

ARCTIC GOLD & SILVER



Photo# 1: Aerial View of the Tailings Impoundment and Drainage to Lake



Photo# 11: Mill Site Foundation and Ore Piles

Image credits: PWGSC 1998

AGS CLOSURE



Photo 1 – Existing tailings impoundment being regraded by a D8 and D4 dozer, July



Photo 14 – Excavator placing riprap in drainage channel, August 1999.

Image credits: EBA 2001

VENUS

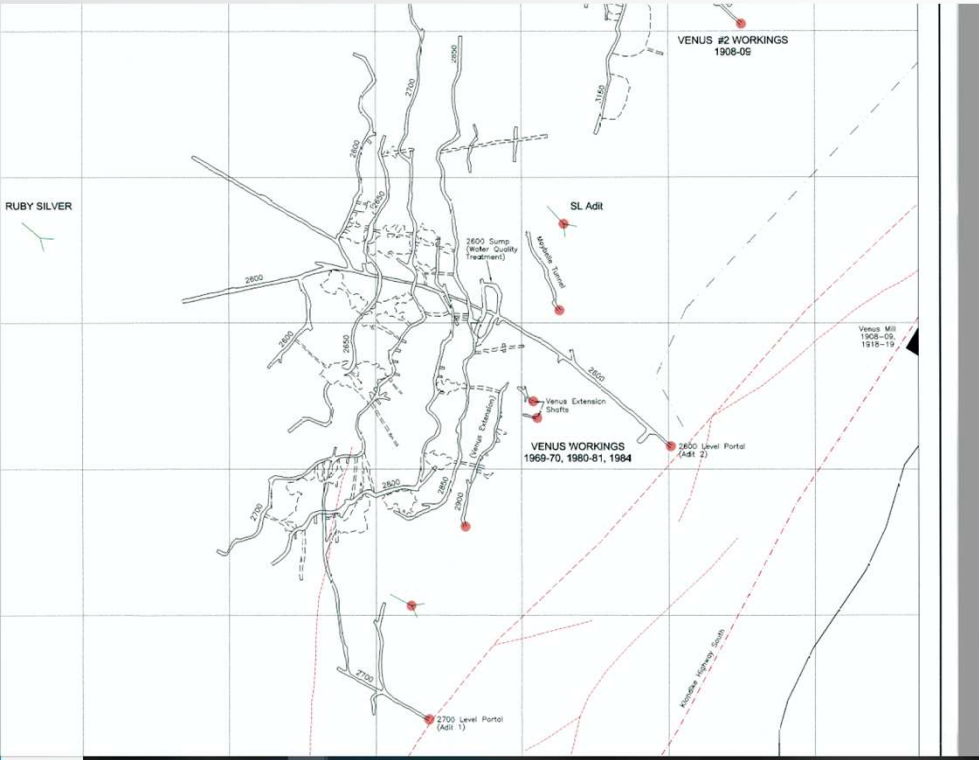


Image credit: Wikipedia Commons

VENUS CLOSURE

- Wet system
- Waterloo Barrier



Photo 1: Waterloo Barrier Installation
5 September 1995

Image credit: J.R. Payne & Assoc. 1995

COLLABORATIVE MONITORING



Photo credits: Kristina Gardner



Photo credits: Kristina Gardner

AGS



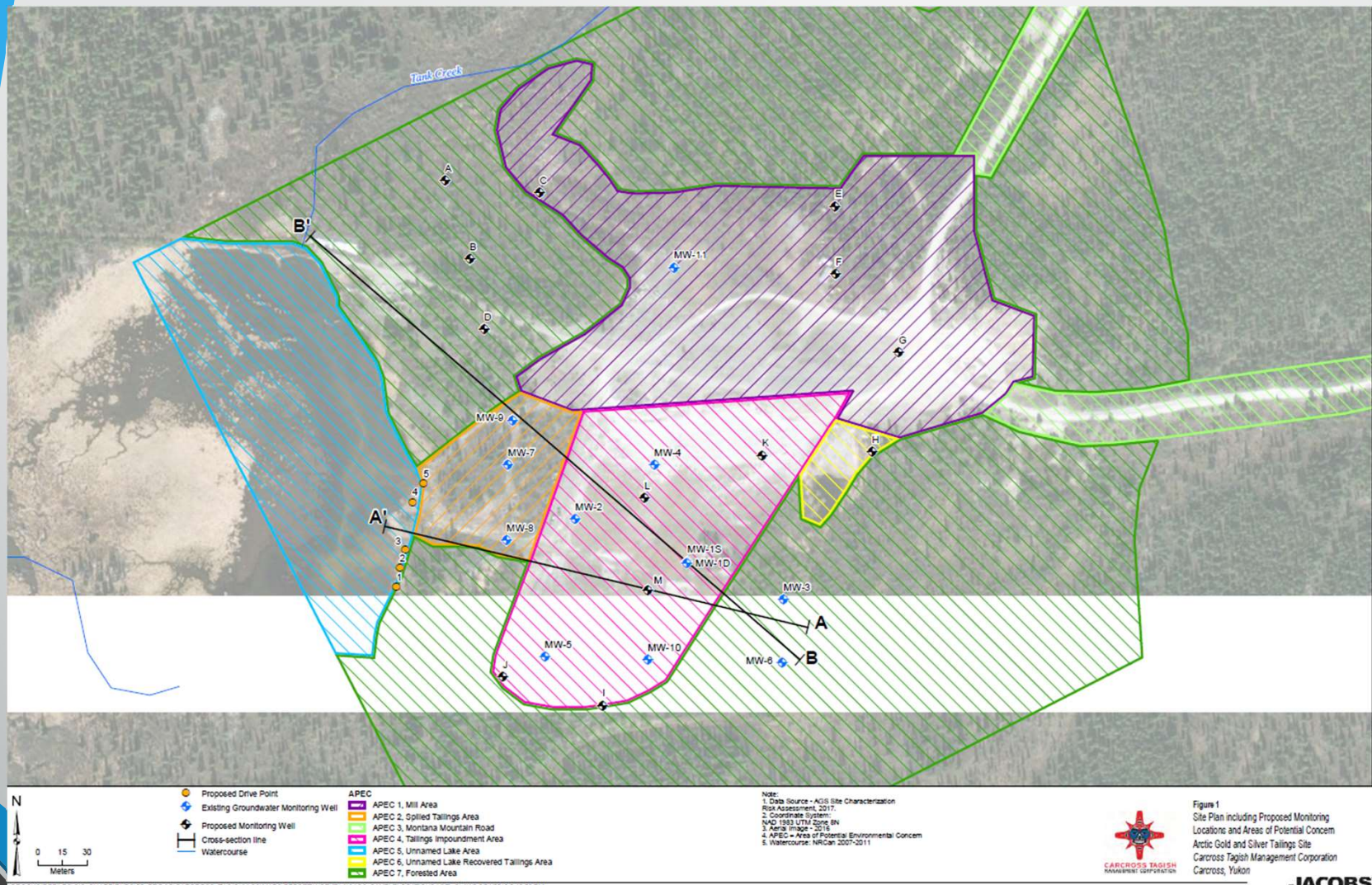
Photo credit: Krystal Isbister



Photo credits: Eric Franz, Kristal Isbister



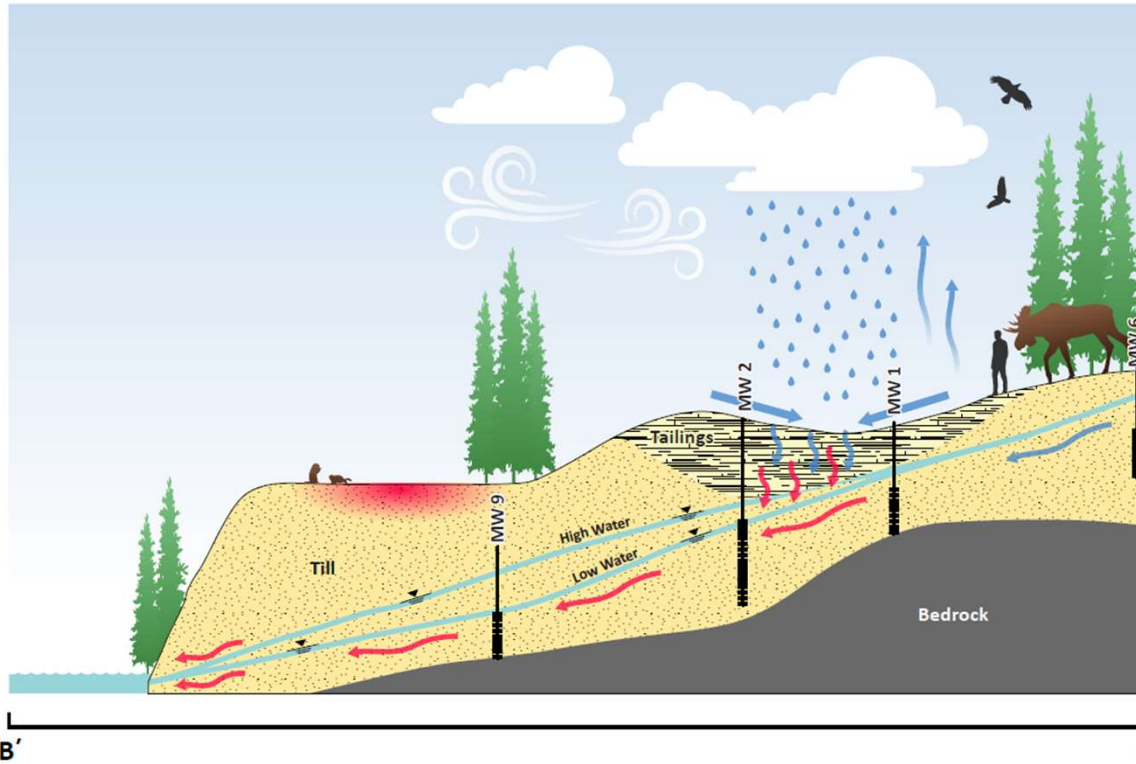
Photo credits: Kristina Gardner



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Image credit: Jacobs 2018 DRAFT





LEGEND	
	Man-made Fill
	Information from data sources
	Information from supposition
	Contaminated Water
	Clean Water
	Water Table
	Wind
	Monitoring Well
	Contamination

Image credit: Jacobs 2018 DRAFT

VENUS



Photo credit: Krystal Isbister



Photo credits: Eric Franz





Photo credits: Kristina Gardner

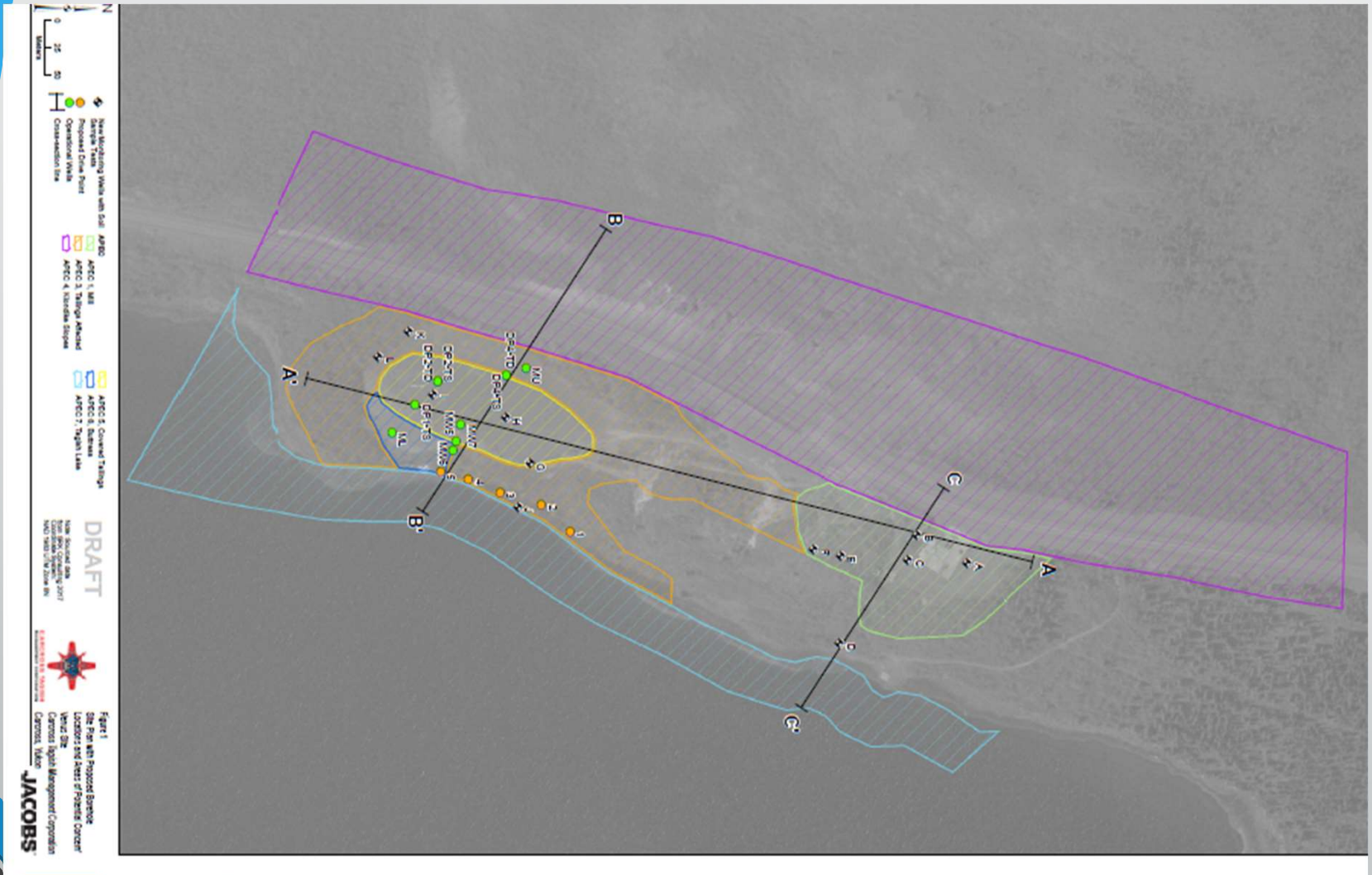


Image credit: Jacobs 2018 DRAFT

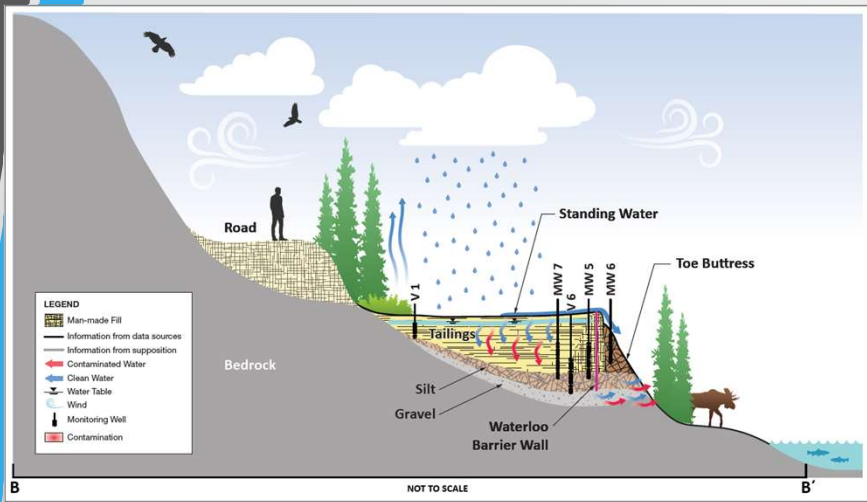


Figure 3. Conceptual Cross Section B-B'
 Yukon Mine
 Carcross Tailings Management Corporation
 Carcross, Yukon
 DRAFT JACOBS

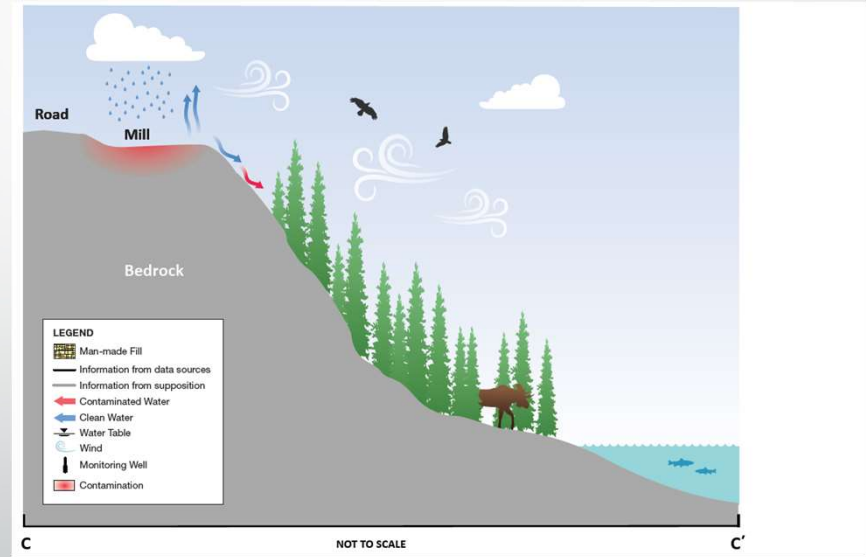


Figure 4. Conceptual Cross Section C-C'
 Yukon Mine
 Carcross Tailings Management Corporation
 Carcross, Yukon
 DRAFT JACOBS

Image credit: Jacobs 2018 DRAFT

RECONCILIATION RELATIONSHIPS

The Montana Mountain Mines Roadmap to Remediation and Reconciliation Project, is a joint initiative led by Carcross/Tagish First Nation in collaboration with Carcross Tagish Management Corporation and Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC)

C/TFN and CIRNAC are collaborating on the project on a Government-to-Government level, with C/TFN as the director of goals and objectives, and CIRNAC as the project funder.

The Carcross Tagish Management Corporation (CTMC) is responsible for, manages and is the primary contact for all mining related initiatives, including abandoned mines, specifically within the Traditional and Self-Governing Territory of the Government of the Carcross/Tagish First Nation.

CTMC implements and manages the projects' delivery through the CTMC Stewardship Program. The program is a diverse and inclusive capacity development program, aimed at connecting citizens with traditional knowledge for their the day to day use in employment and career development to the benefit of the entire community and their economy.

OVERALL VISION FOR AGS AND VENUS

- **Mandate from C/TFN Land Management Board: Provide a clean, publicly safe site for future C/TFN use**
- **What is the Standard for clean?**
National or Tlingit Standards
- **Site Closure Planning and Implementation through the CTMC Stewardship Program**



Photo Credit: With permission of the Government of Yukon



NEXT STEPS



Photo credits: Kristina Gardner



Photo credits: Kristina Gardner

QUESTIONS?



Photo credits: Kristina Gardner



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THANKS
Gunalchèesh