Faro Mine Closure
Planning and Information Office

206A Hanson St.
Whitehorse, YT Y1A 1Y4
P: 867.633.7966
F: 867.633.7957
Email: info@faromine.ca

JOINT COMMUNITY TOUR OF FARO MINE SITE

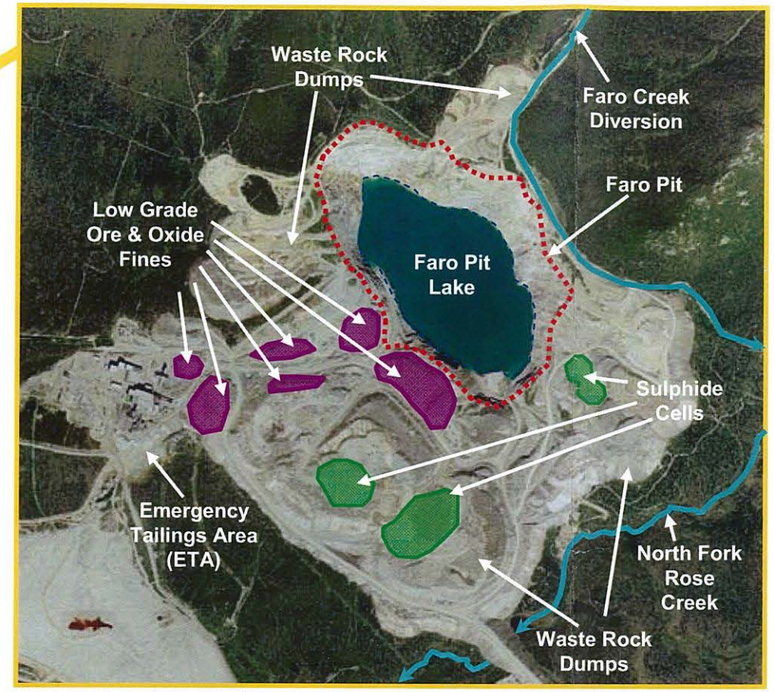
Faro Mine Closure Planning Office

Ross River Dena Council, Town of Faro, Selkirk First Nation

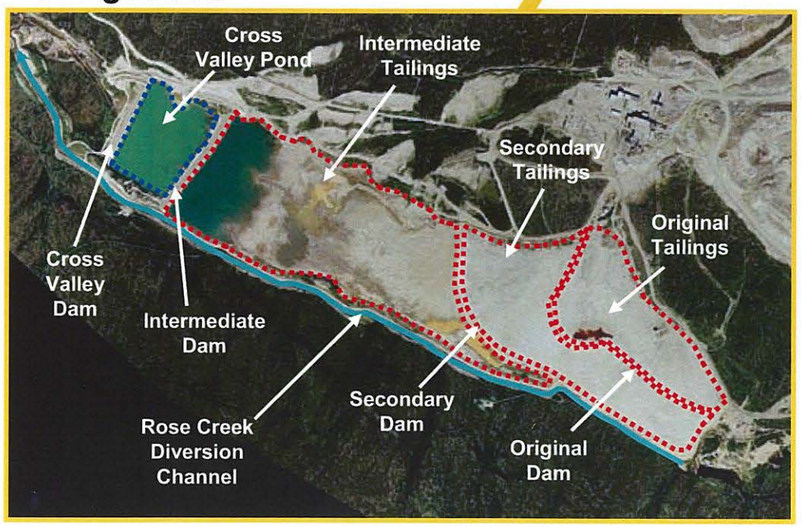
Wednesday, September 20, 2006

Start Time:	10:30 am – Faro Recreation Center Tour of Faro Mine Site - Takhini Bus Lines
Lunch:	Provided on site
Finish Time:	Approximately 3:00pm

Faro Mine Area



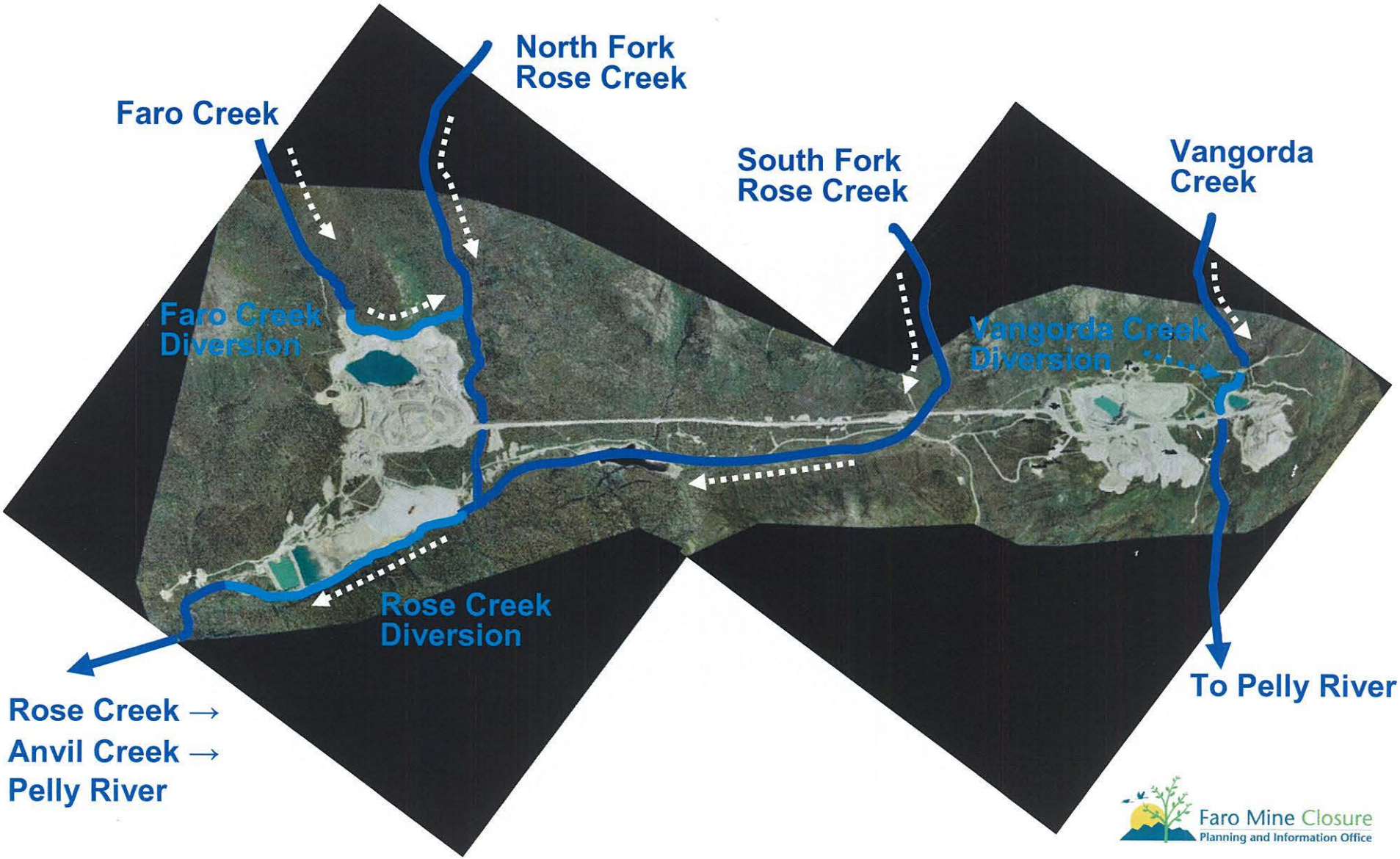
Tailings Area



Vangorda/Grum Mine Area

SRK Consulting Engineers and Scientists VANCOUVER	Deloitte & Touche On behalf of the FARO MINE CLOSURE PLANNING OFFICE	Anvil Range Areas and Major Components	
Job No: 1CD003.065	Example Alternatives for Closure of Anvil Range Mining Complex	Date: September 2006	Approved:
Filename: Figure 2.1_1CD003.065			Figure: 2.1

Faro Mine Complex Overview



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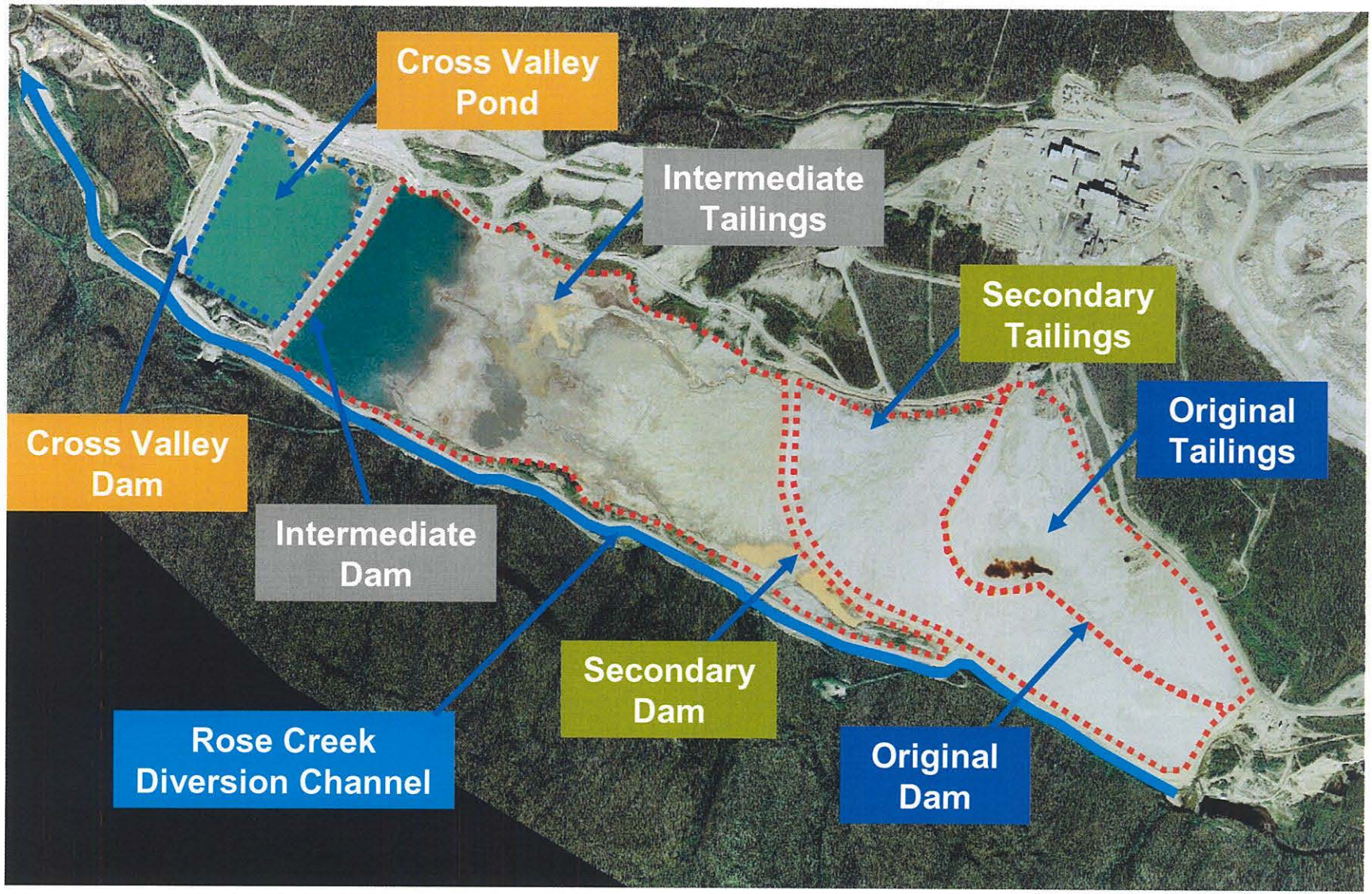
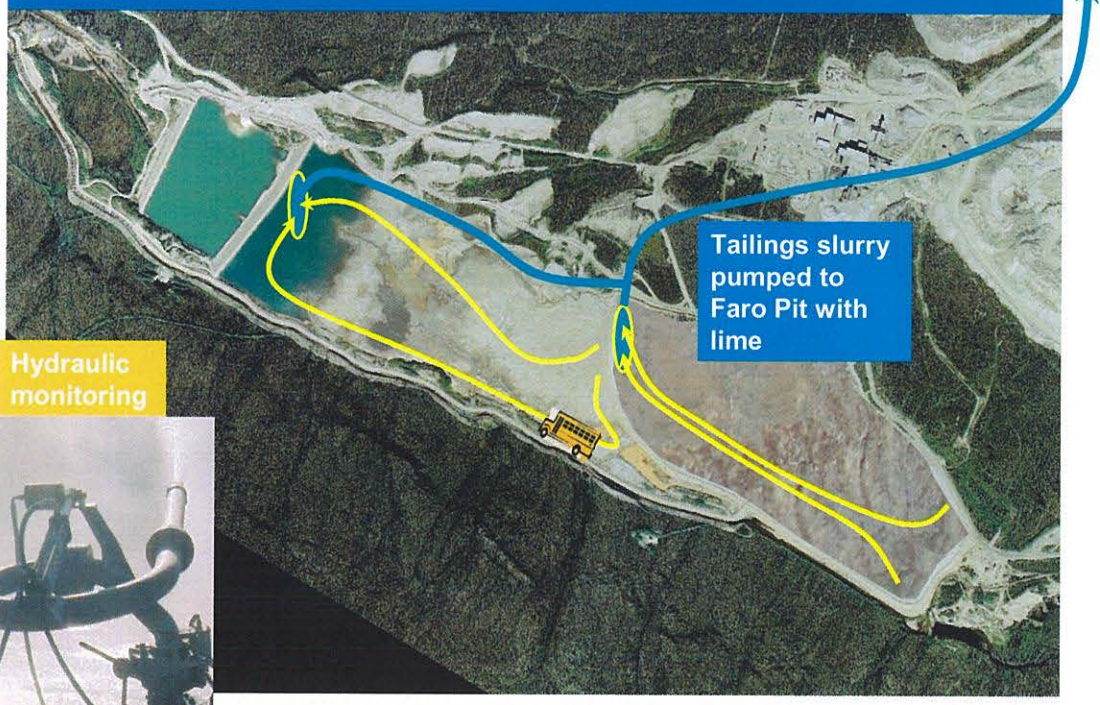
Tailings Area Components



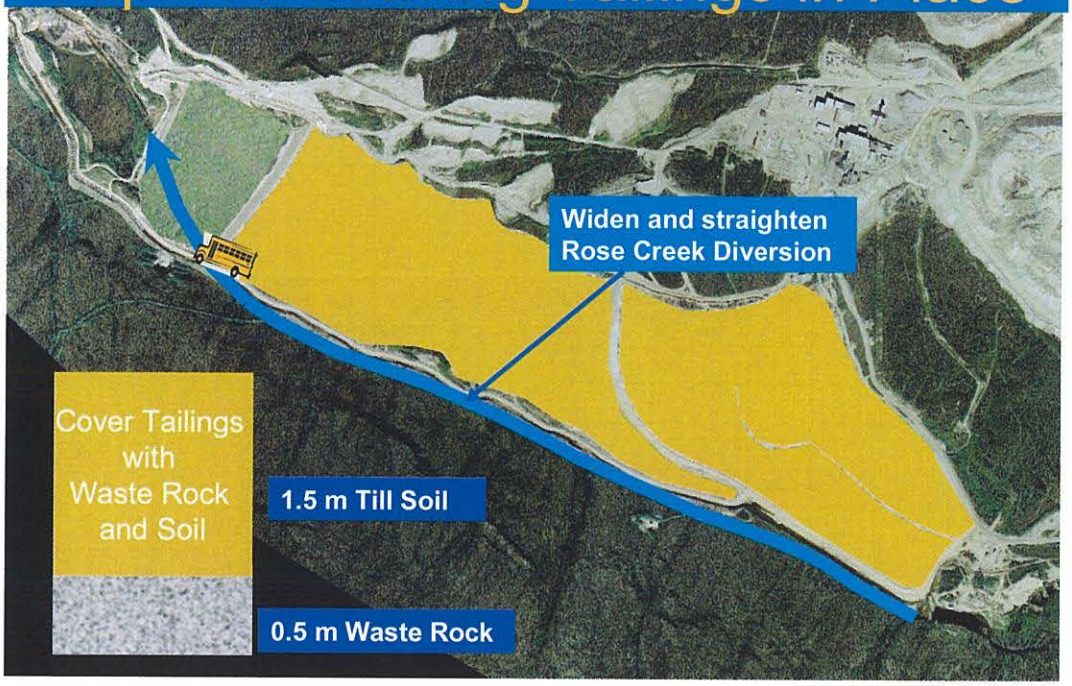
Stop 1: Upper End of Intermediate Tailings
Topic: Moving All Tailings



Uncertainties

- How much tailings are there? (Possible higher cost, or longer time)
- Amount of lime required? (Possible higher cost)
- Cost of lime? (Possible higher cost)
- How long to clean up the valley? (Possible higher cost, or longer time)

Stop 2: Intermediate Dam
Topic A: Leaving Tailings in Place



Challenges

- Creek bypass and spillway must be very large.

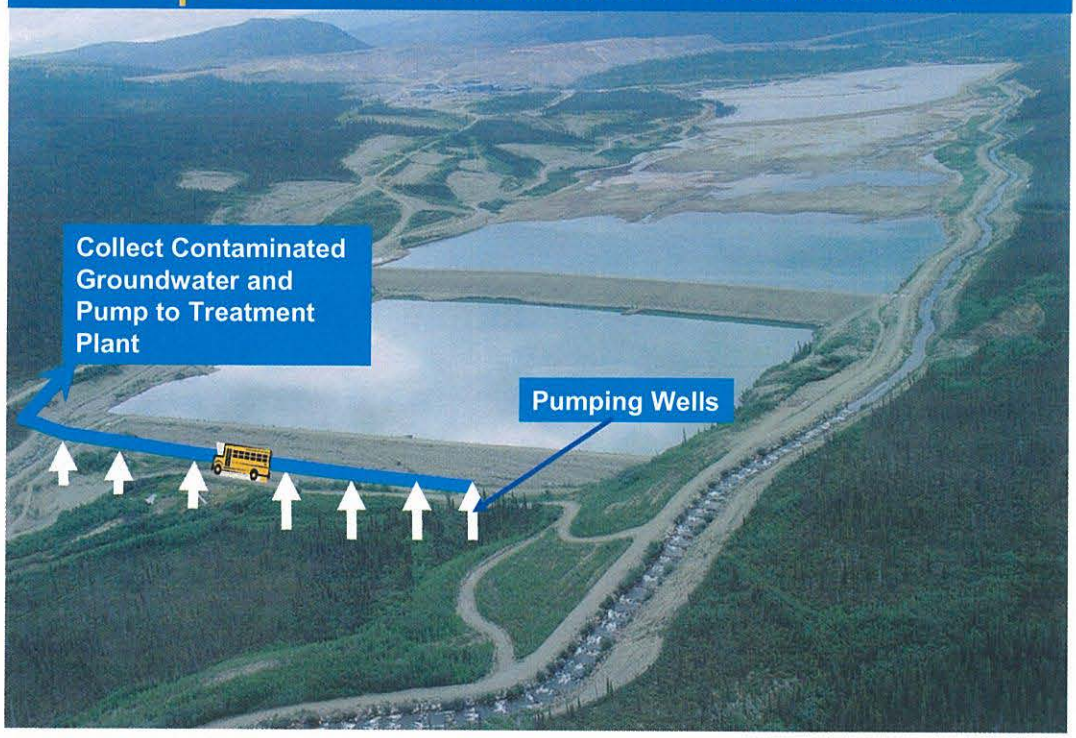
- Digging into hill side will be challenging.

Uncertainties

- Dams and diversions must stay forever – will they be good enough?

Stop 2: Intermediate Dam
Topic B: Moving Some Tailings

Stop 3: Below Cross-Valley Dam
Topic: Groundwater Collection



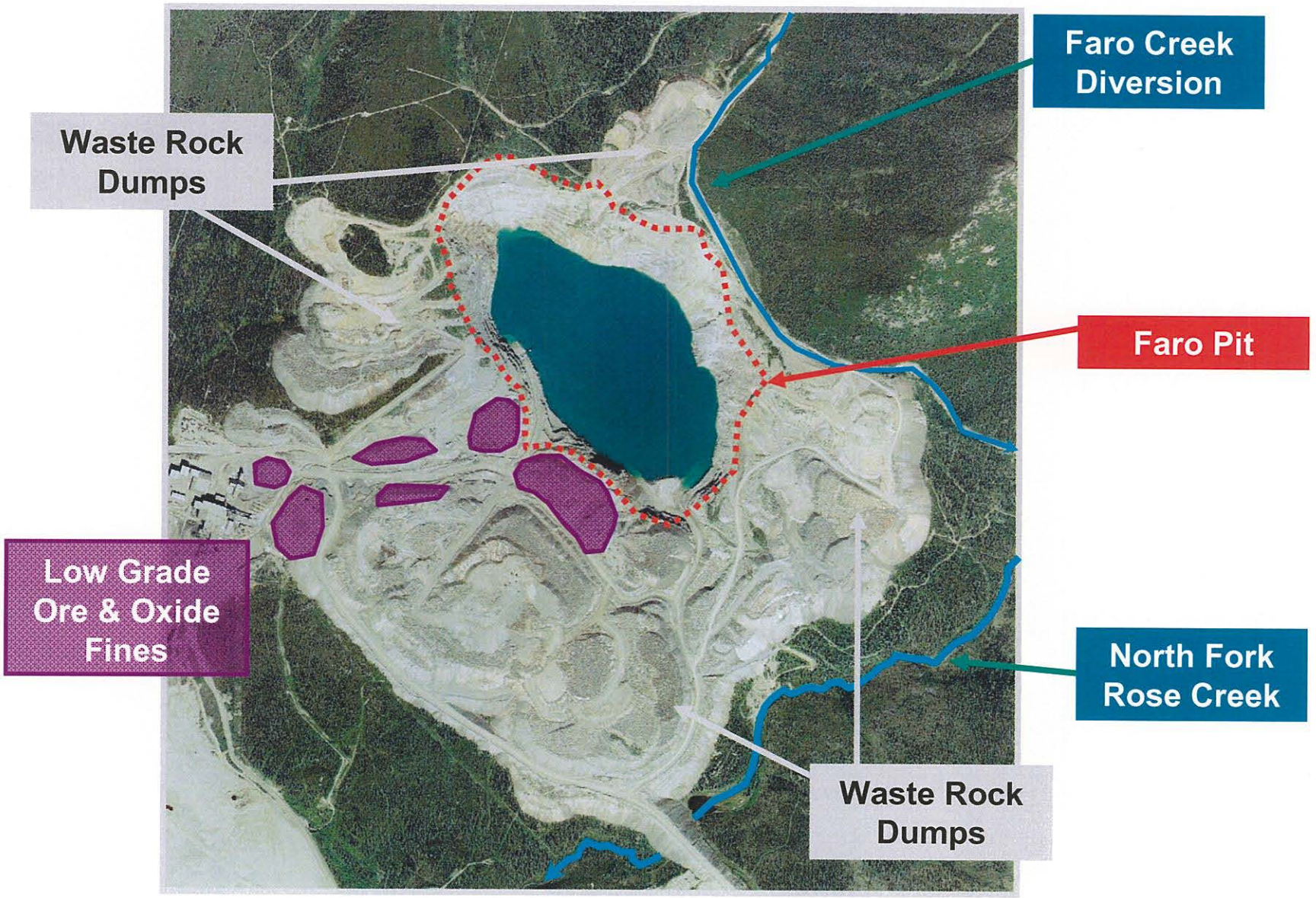
Challenges

- Need to collect ground water from all across the valley.

Uncertainties

- Will ground water collection work as well as we expect? (Possible higher cost for new collection systems, or loss of contaminated water to Rose Creek)

Faro Mine Area Components



Stop 4: Above Faro Pit (Eye in the Sky)
Topic A: Covering Waste Rock

Challenges

- Very large area of waste rock to cover.

Uncertainties

- How much water will leak through the covers? (Possible higher cost for ground water collection and treatment OR possible loss of contaminated water to Rose Creek)

Stop 4: Above Faro Pit (Eye in the Sky)
Topic B: Faro Creek Diversion

Challenges

- Building a creek bypass on the hill side will be difficult.

Uncertainties

- How much water will leak out of the diversion? (Possible higher cost for treating water in the Faro Pit)

Stop 5: Pit Discharge Channel Location
Topic A: Pit Water Treatment

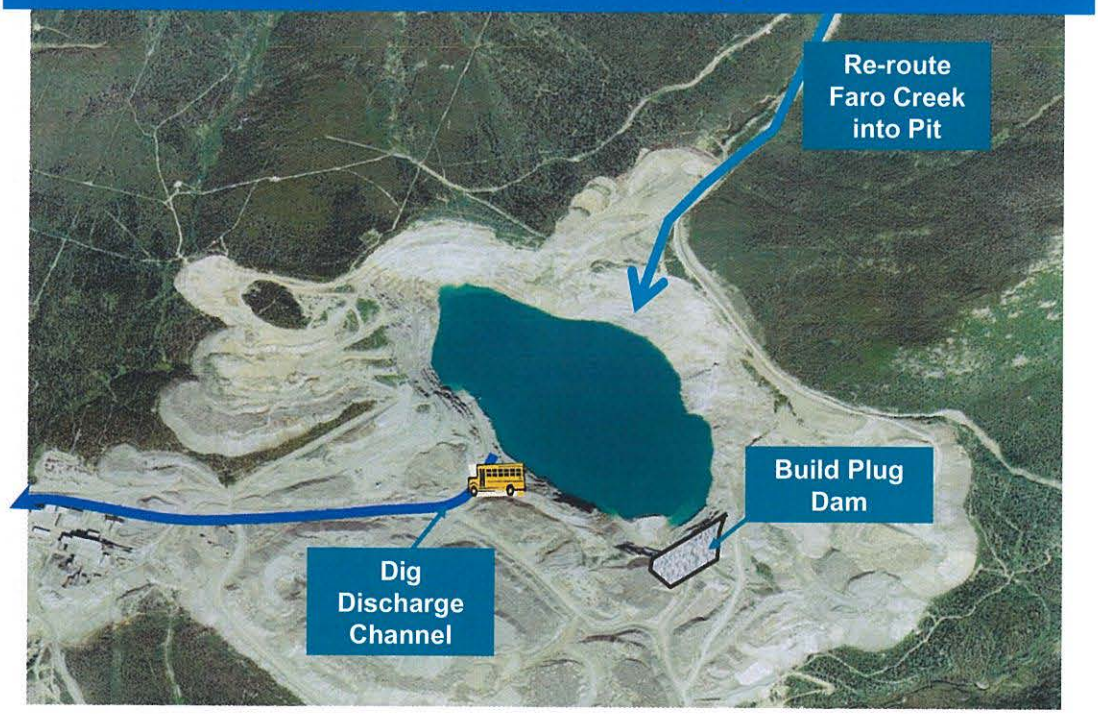
In-Pit Biological Treatment Uncertainties

- Will biological treatment be able to treat all of the contamination in the Faro Pit? (Possible higher cost for treating the water in a treatment plant)

Treatment Plant Uncertainties

- How much sludge will be created from the treatment plant? (Possible higher cost for sludge handling)

Stop 5: Pit Discharge Channel Location
Topic B: Flow-Through Pit



Challenges

- Water levels will have to be controlled by pumping in the fall.

- A large discharge channel will be needed.

Uncertainties

- Will contaminated water flow out of the pit during floods? (Possible loss of contaminated water to Rose Creek)

Stop 6: Low Grade Ore Stockpile
Topic: Very Contaminated Rock

Move oxide fines into larger piles

Cover larger piles with plastic

Or – mix with lime and move to pit

Challenges

- Because the rock is very contaminated, it is important to find ALL of it.

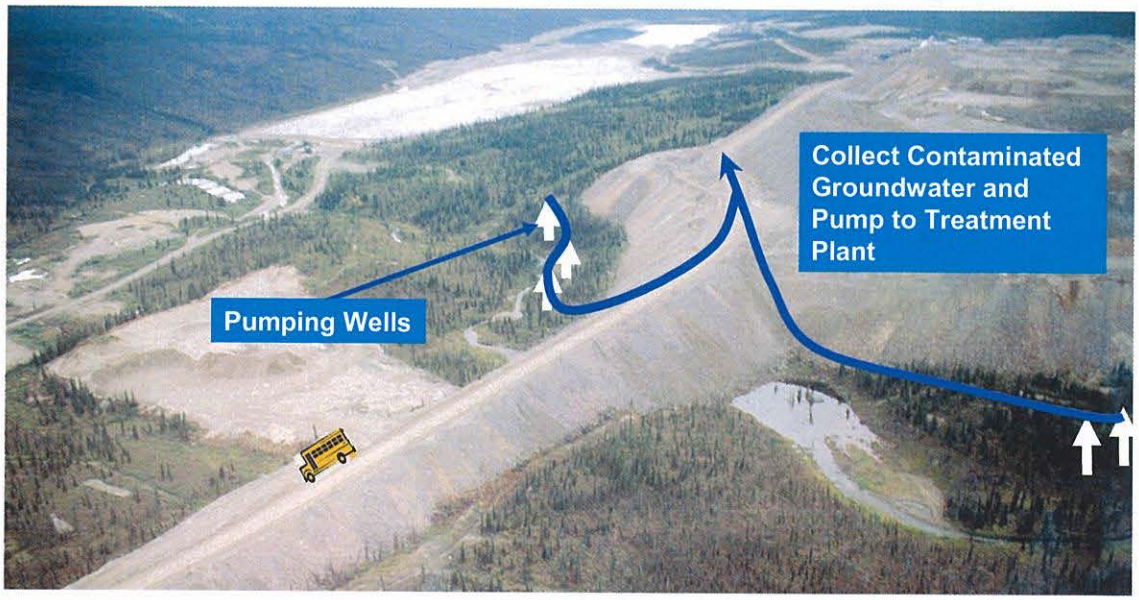
- Placing rock/lime mixtures into the pit will need to be done carefully.

Uncertainties

- How much very contaminated rock is there? How much lime will be needed? (Possible higher costs for digging it up or covering it, OR possible higher costs for ground water collection and treatment)

- Will some very contaminated rock still be left in unstable locations? (Possible higher cost for treating contaminated ground water)

Stop 7: Haul Road
Topic: Groundwater Collection



Challenges

- Need to collect almost all of the ground water that comes from the dumps.

Uncertainties

- Will ground water collection work as well as we expect? (Possible higher cost for new collection systems, or loss of contaminated water to Rose Creek)