



Dominion Diamond is the NWT's Largest Mining Company



We are a Canadian owned Company.

We are Northern-Based.

Dominion owns:

Most of the Ekati Diamond Mine (80%)

Part of the Diavik Diamond Mine (40%)

Dominion employs more Northern Aboriginal people than any other mining company in the NWT.



Dominion's Jay-Cardinal Project is the Future

The Jay-Cardinal Project can keep Ekati Mine open for 10 – 20 years and will mean continued benefits for Northern Communities:

- Jobs and contracts;
- Training, apprenticeships and scholarships for youth;
- IBA benefits and development projects.



Without the Jay-Cardinal Project, these benefits will stop when the Ekati Mine closes in 2019.



We have started on the Jay-Cardinal Project

Environmental Studies:

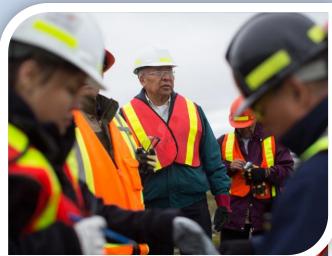
- Wildlife
- Fish
- Water
- Traditional Land Use

Sharing with Regulators:

- Project Description
- Draft Terms of Reference

Sharing with Aboriginal Government & Community People:

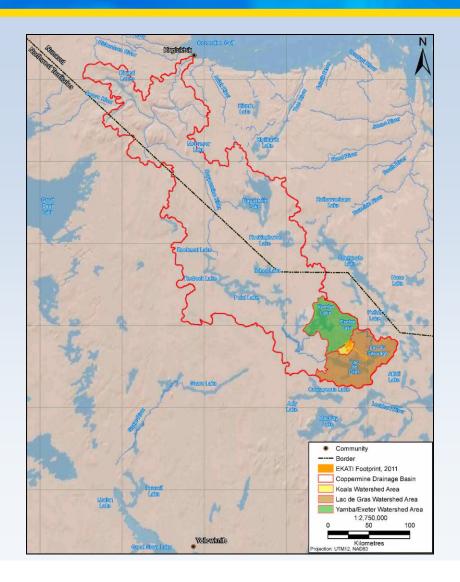
- Public Meeting
- Site Visits
- Meetings with Chiefs







Where Is Dominion's Ekati Diamond Mine?





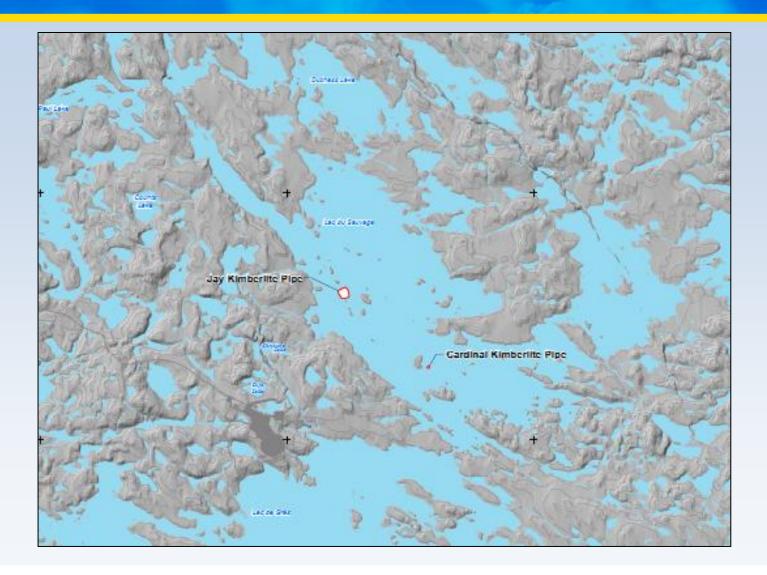


The Ekati Diamond Mine





Where Are the Jay and Cardinal Kimberlite Pipes?

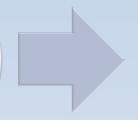




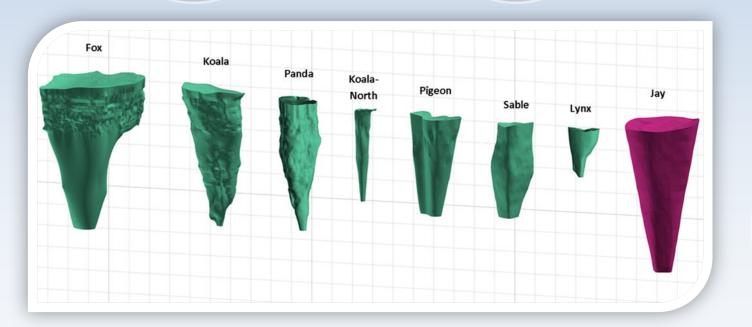
The Jay-Cardinal Project is an Opportunity

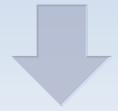






Jay is one of the largest pipes at the mine site.

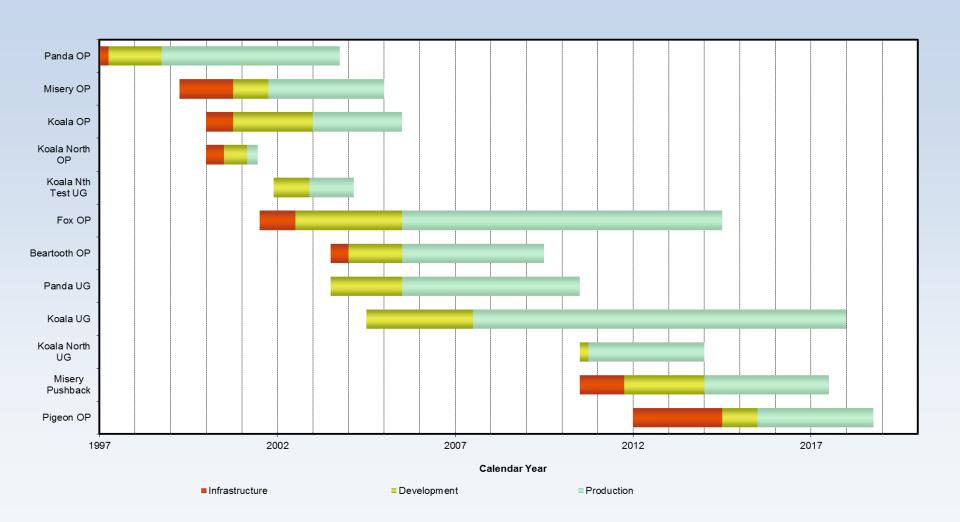




If approved 10 to 20 more years of mine life.

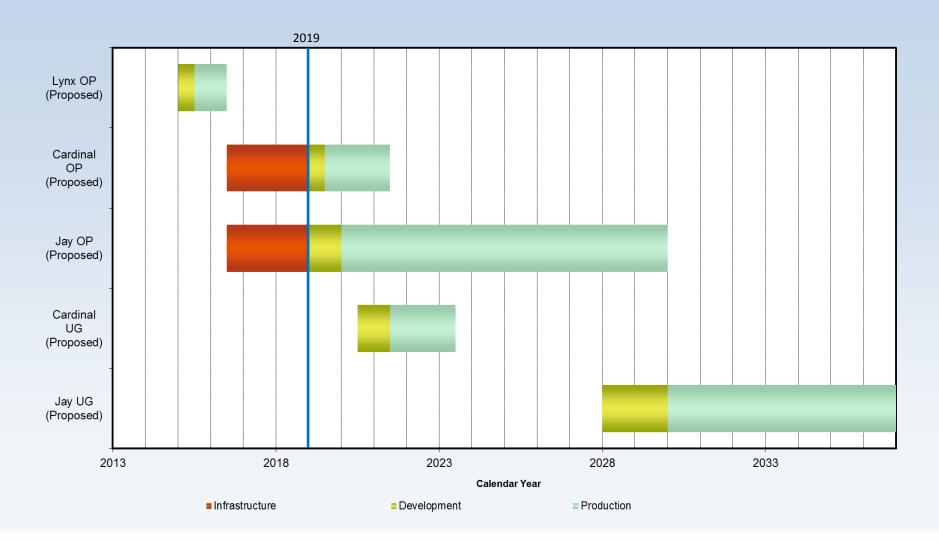


Ekati Mine Scheduled to Close in 2019





Timing of Jay-Cardinal Project is Critical





The Jay-Cardinal Project is a Mine Life Extension Project



Expanding on the existing mine, using existing equipment.

The camps, airstrip, process plant and haul road are already there.

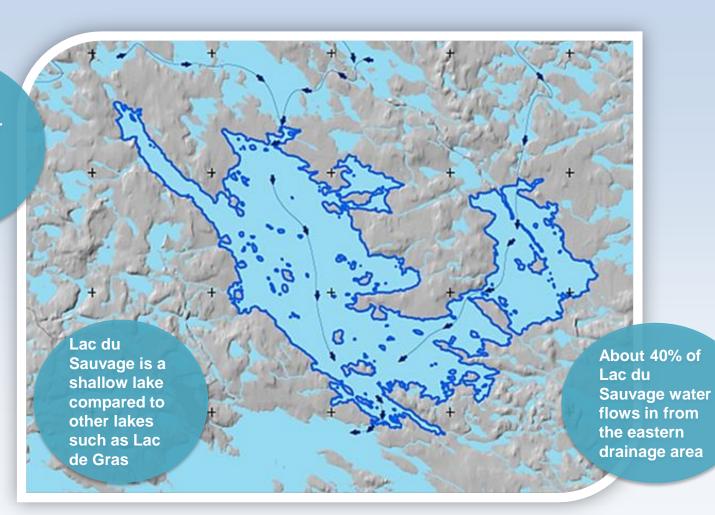
The other Ekati Mine areas will be closed when Jay-Cardinal is operating.

New activities at Lac du Sauvage require Environmental Assessment.



Lac du Sauvage – Natural Water Flow Paths

About 40% of Lac du Sauvage water flows in from the north (Duchess Lake)





Lac du Sauvage – Lowered Water Level

Raising the water level in **Duchess Lake** about 2 m causes water to flow to Lac de Gras through Paul Lake Drawing down a portion of Water from Lac du the Eastern Sauvage drainage about 10 m area flows exposes the naturally to Jay and Lac de Gras **Cardinal pipes**



Lac du Sauvage Conceptual Diversion and Drawdown Plan

Over 80% of the natural flow remains unaffected

- 1. diversion of Duchess Lake to Lac de Gras through to Paul Lake
- 2. Eastern drainage area flows naturally to Lac de Gras

Initial drawdown within diked area is about 10 m

- drawdown will take about 1 year
- about 1/3 of total lake volume removed
- About 45% of the lake area remains outside of the dike
- clear water will be pumped to Lac de Gras
- Water with higher sediment will be pumped through North Arm

Fish Out provides opportunities for community involvement.



Lac du Sauvage Area After Drawdown





Lac du Sauvage Area After Reclamation





Processed Kimberlite





Jay-Cardinal Project Environmental Monitoring and Management

The Jay-Cardinal Project will build on the established (15-years) Ekati Mine environmental monitoring and management programs:

- water
- fish
- wildlife
- air
- waste rock
- spill response
- closure and reclamation
- waste management





Questions: Water Quality & Fish



Will Lac du Sauvage be returned to a natural state?

 Yes, the lake will be reestablished after mining.

What will happen to the fish in Lac du Sauvage?

 We will have a fish out of about half of the lake.

How will the water be protected?

- Through the North Arm Water Settling area.
- Clean water stays clean.



Questions: Caribou



Can caribou move safely through the area?

- Yes and we will build more caribou ramps.
- We have asked for ideas about roads.

Are there caribou crossing ramps at Ekati Mine?

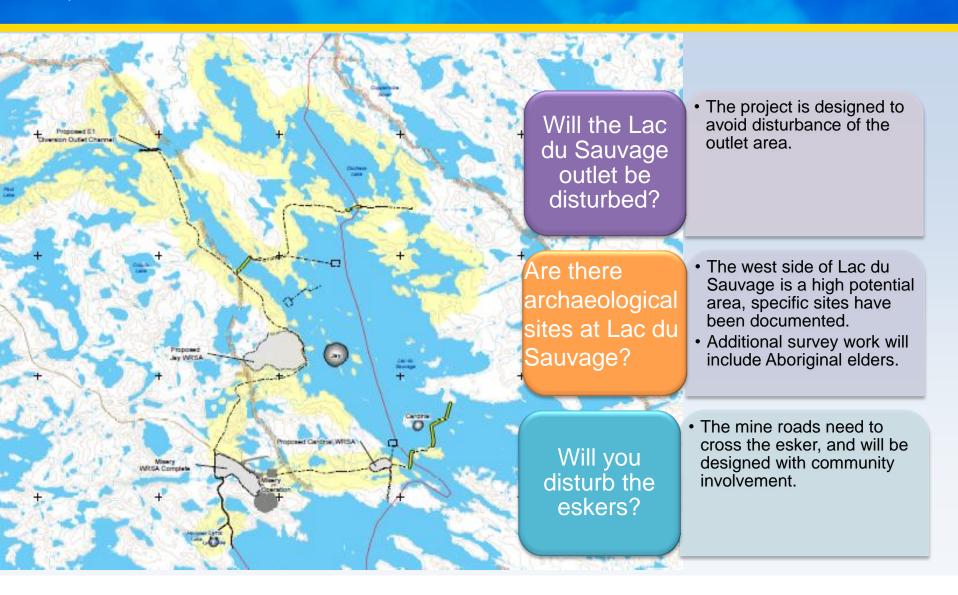
- Yes, the road to Misery has caribou crossing ramps.
- This is experience gained for Jay/Cardinal roads.

Will noise and dust increase?

 The other mining areas will be closed when we mine Jay and Cardinal.



Questions: Traditional Land Use



What's Next for the Jay Cardinal Project?







