



Gahcho Kué (Kennady Lake) Highlights of Mine Development and Operation

Impact Area	1,200 hectares (12 km ²)
 Kimberlite Resource 	31 million tonnes
 Kimberlite Mined (over life of mine) 	30 million tonnes
 Average grade 	1.4 cpt
 Estimated Capital Cost 	\$C 825 million
Annual Revenue	\$C 342 million
 Operating Cost 	\$C 65 per tonne
Annual Production Rate	2.1 million tonnes
Life of Project (Construction to Closure)	20 years
Annual Employment (Operation of mine)	400 persons



2005 Study



Gahcho Kué (Kennady Lake) Highlights of Mine Design

- Draw down of Kennady Lake
- Phased excavation of pits
- Use of country rock for construction
- Separating contact water with high total dissolved solids from non-contact water
- No chemicals used in processing
- Using two of the mined out pits to place country rock, processed kimberlite and contact water
- Refilling of Kennady Lake
- Design principles
 - Minimize development footprint
 - Minimize refill time for Kennady Lake
 - Facilitate progressive reclamation





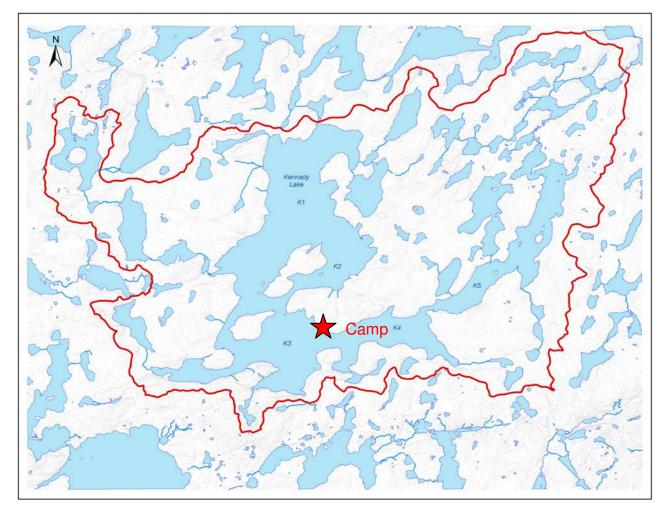
Water Management

Drawing down of Kennady Lake and temporary re-alignment of the watershed boundaries.

Flows during construction, operations and closure.



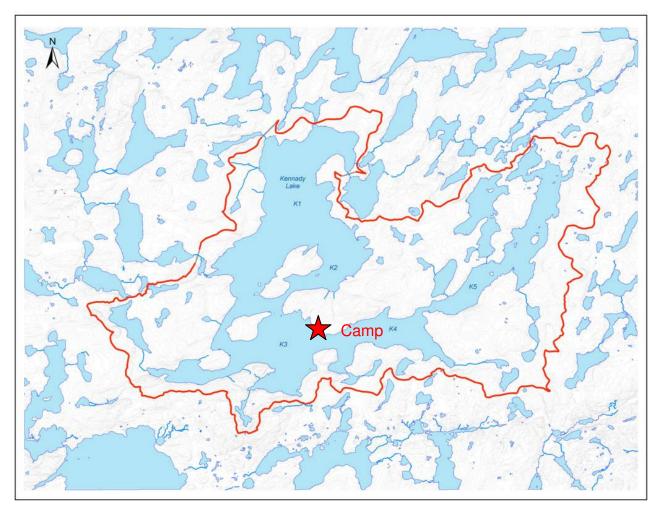




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Re-aligned watershed boundary

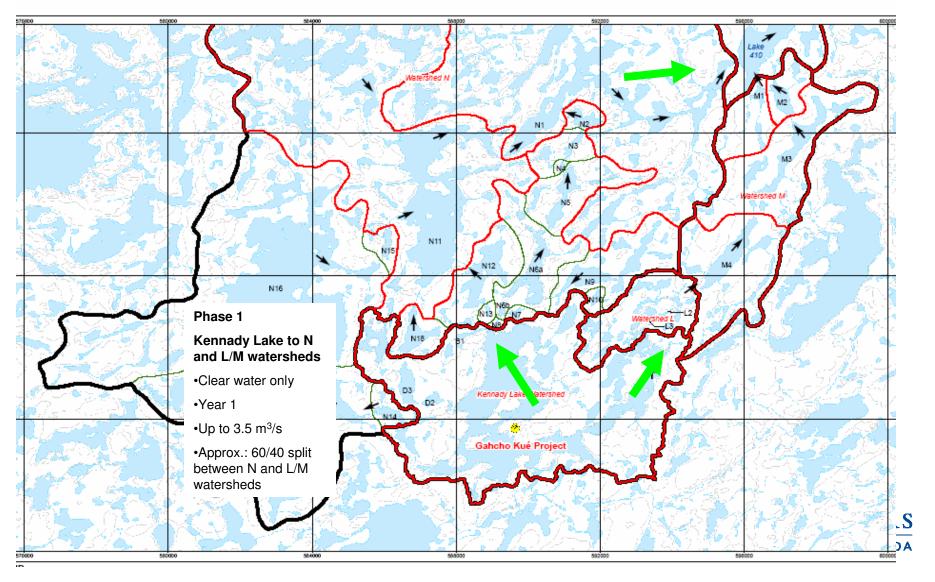


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Downstream Flows

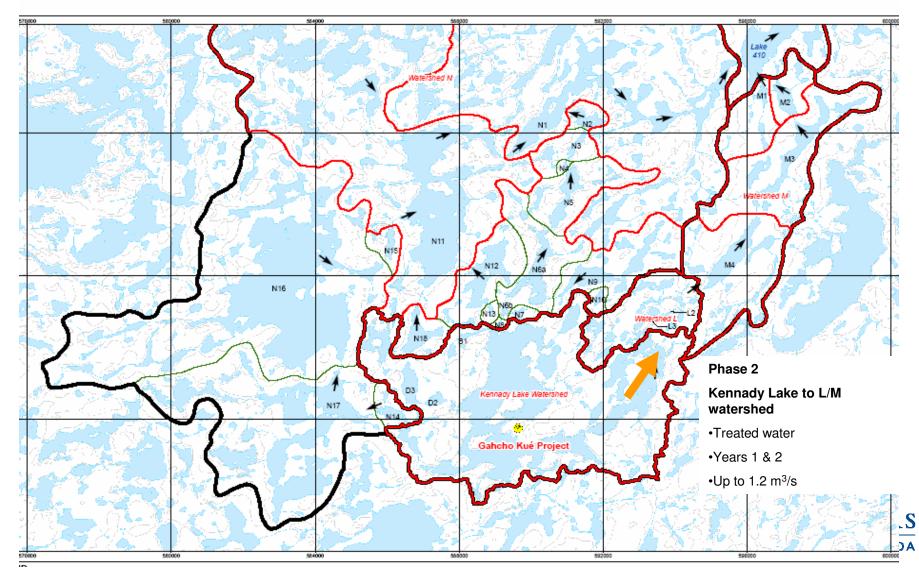
Construction Phase 1 Drawdown





Downstream Flows

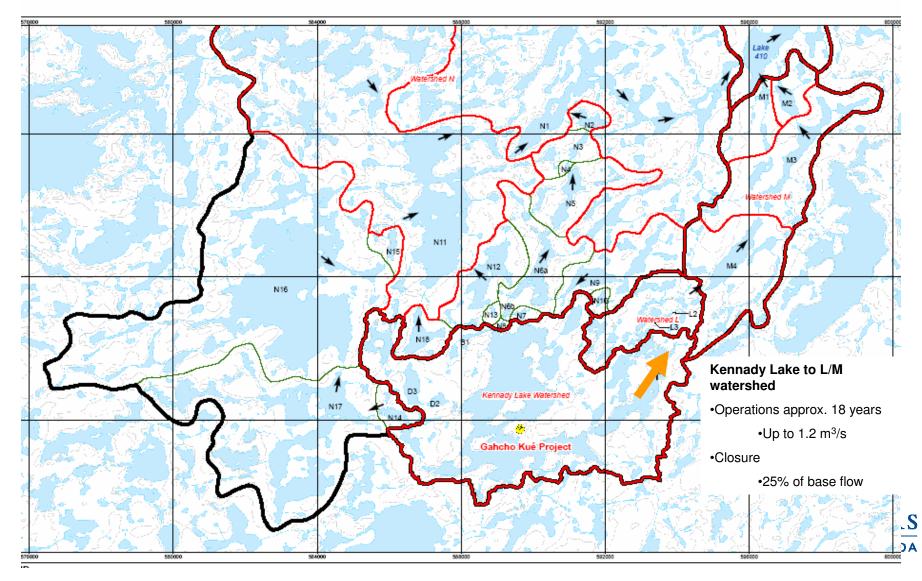
Construction Phase 2 Drawdown





Downstream Flows

Operations & Closure



Lake at Outset of Drawdown



Construction Complete



