

# Quarry Development & Reclamation Planning

Aggregate is always needed. Our challenge is to protect the resource, minimize the development footprint and ensure that reclamation results in a viable end use.

We work with governments, producers and the public to expedite land use approvals, produce defensible operational plans and develop practical land reclamation strategies.



**Inukshuk Planning & Development LTD.**

207 Elliott Street  
Whitehorse, Yukon Y1A 2A1  
Phone: (867) 667-4759  
Fax: (867) 667-4020  
E-mail: [info@inukshukplanning.ca](mailto:info@inukshukplanning.ca)

[www.inukshukplanning.ca](http://www.inukshukplanning.ca)

## Development & Reclamation Standards for Yukon Pits & Quarries

Inukshuk produced an updated guide on development and reclamation standards for Yukon pits and quarries. The manual helps anyone planning to develop a pit or quarry to understand the application requirements, review process and operational requirements, along with their subsequent reclamation responsibilities.

*Client: DIAND*



## Crow Mountain Quarry

Inukshuk coordinated preparation of the project description and environmental screening to the standards expected to be required under the Yukon's new environmental and socio-economic assessment legislation. The project was designed to establish the benchmark for future submissions and demonstrate the First Nation's commitment to apply the same standards to its own projects.

*Client: Vuntut Gwitchin First Nation*



## McLean Lake Quarry Expansion

Inukshuk assessed the impacts associated with quarry expansion and devised a development plan to accommodate public concerns and provide reclamation guidelines. Public consultation methodology included a GIS generated terrain model to illustrate site development and visual impacts.

*Client: Government of Yukon*

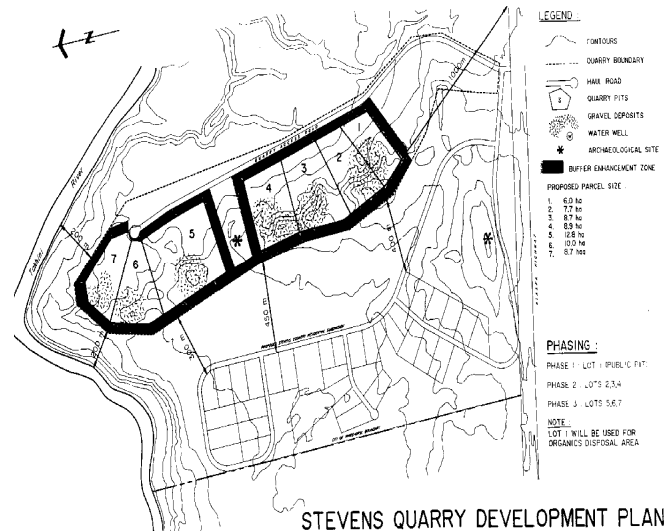
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The Stevens Quarry Plan covers a 139 hectare site situated between the Alaska Highway and the Takhini River in Whitehorse. The plan was prepared to justify amending the Whitehorse Official Community Plan to protect a large future aggregate source. The plan also outlines how extraction should proceed to minimise impacts on adjacent land uses and includes pit operation and reclamation guidelines.

## Stevens Quarry Development Plan



*Client: Government of Yukon*

## Annie Lake Trucking Quarry Operation & Rehabilitation Plan

The reclamation strategy incorporates final pit closure recommendations and site reclamation guidelines. The plan was divided into two phases, Phase 1 involving reclamation work around the periphery of the lease, and Phase 2 involving site re-grading and slope stabilisation following closure of quarry operations. The reclamation plan allows for integration of the Annie Lake lease into a park and provides the basic infrastructure needed for development at virtually no cost to the municipality.

*Client: Annie Lake Trucking Ltd/Government of Yukon*



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## Ear Lake/South Access Quarry Reclamation Plan

This project involved updating the 1980 Reclamation Plan to include reclamation performance measures to be attached to lease renewals. Inukshuk facilitated a design charette to allow direct industry and public participation in plan preparation as the quarries are situated along the main access road into Whitehorse.

*Client: Government of Yukon*