

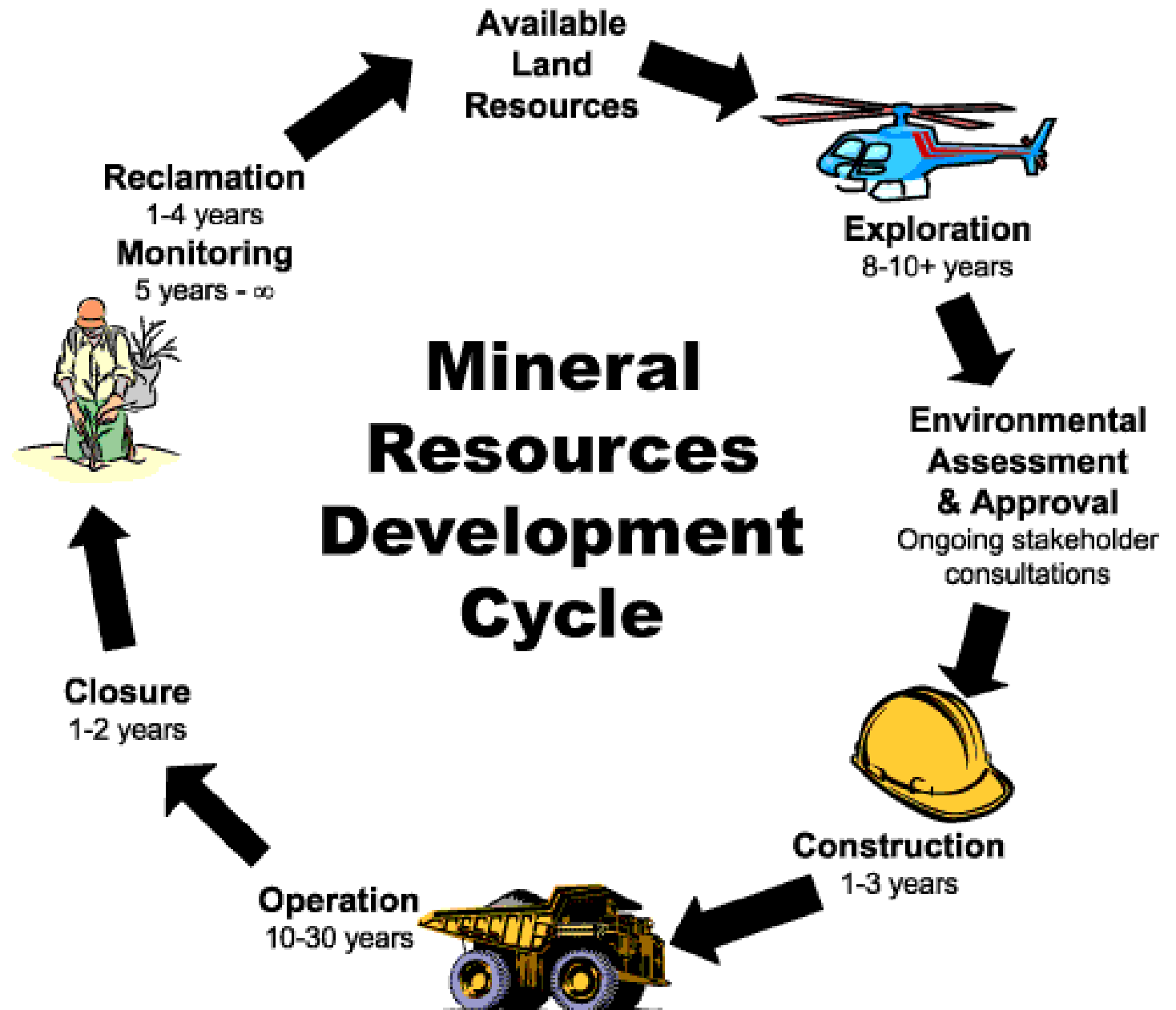
# Preliminary Evaluation of Mining Projects

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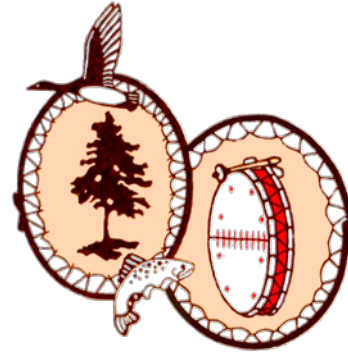
BY AURORA M. HERNANDEZ

# Mining Cycle

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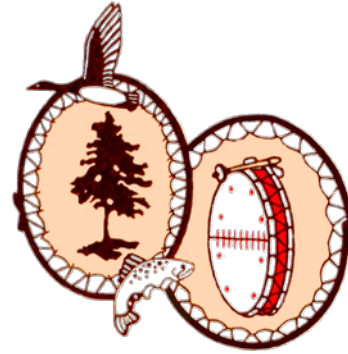


# Interactions



	Early Exploration	Advance Exploration				Development	Operations	Closure	Post-closure
<i>General</i>		<i>PFS</i>	<i>FS</i>	<i>ESIA</i>	<i>pp</i>	<i>approval and Monitoring: EQA, Directive 019, CA, DFO, etc (see list of issues)</i>			
Agreements	Contact	PDA	IBA	Committees (OC and Sub-committees): Benefits and Capacity Building					

# Monitoring



## Environmental Monitoring

### By LAW

Recycling	UnderGround water
Hazardous Material Management	Surface water
Drinking water	Sediment Quality
Mine Effluent discharge	Domestic Wastewater
Fuel management	Water-oil separators
Air quality and atmospheric emiss	Benthic Communities
Treated water	Fish & Fish habitat
borrow pits	Road
Greenhouse gases	Vegetation and Wetland
Noise and vibration levels	Animals and Birds (Wildlife)
Emergency Response	Recreation

Cree Interests - sometimes regulated (C)

Land Use

Communication

Sturgeon

Cree Interest - Not regulated (under Mining regulatory framework)

Access to territory

Social (so far mostly related to employment, training and economic spinoffs)

Cabins

Transport of hazardous material

Cultural (language - traditional activities - traditional food - family time - etc)

Cummulative impacts

Abandoned mining sites

Group - IA x 3  
Others

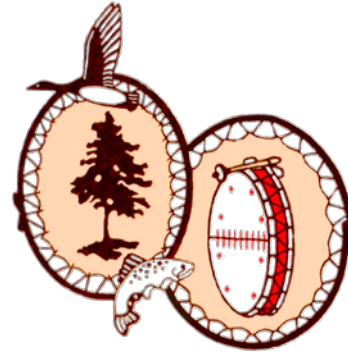
# Environment Committees Structure

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- Representative from impacted community
  - Representative from Regional Government
  - Representative from Industry
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- Spirit of Partnership: Solution oriented approach
  - Land (Use, Cultural, Security, Health, Future)

# Role

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Tricky! – Expert – Support – Raise the flag (inconsistencies) – Bridge (Land Users and Industry – Regulators)

*Identify areas of potential conflict to discuss potential solutions*