

MINERAL DEPOSITS AND PETROLEUM RESOURCES OF THE NORTHWEST TERRITORIES

Map Area (NWT)

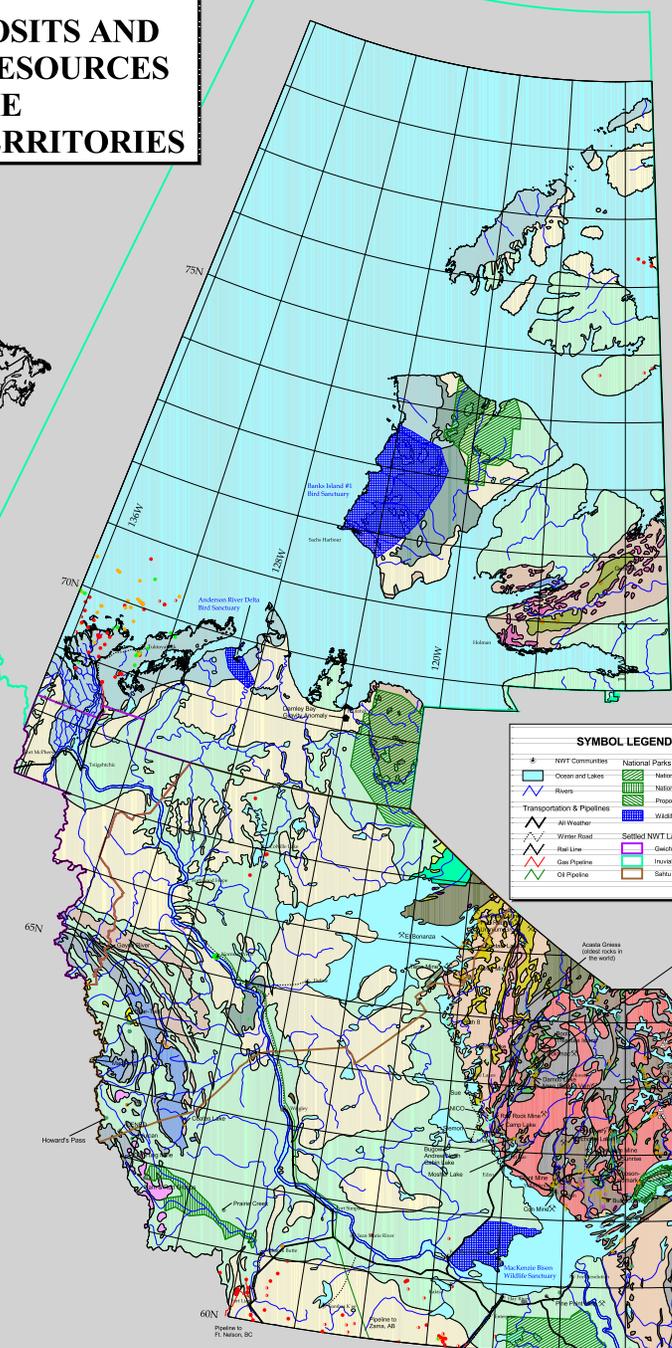


LEGEND OF GEOLOGICAL SYMBOLS

Mineral Showings	
▲ Silver	● Molybdenum
▲ Gold	● Nickel
▲ Barium	● Lead
▲ Beryllium	▲ Antimony
▲ Beryl	▲ Tin
▲ Bismuth	▲ Tantalum
▲ Building Stone	▲ Thorium
▲ Carving Stone	▲ Uranium
▲ Gossil	▲ Tungsten
▲ Gold	▲ Zinc
▲ Cordierite	
▲ Copper	
▲ Diamond	
▲ Exotic Stone	
▲ Iron	
▲ Fluorite	
▲ Lithium	
▲ Manganese	

Simplified Geology	
Archean intrusive rocks	Archean metamorphic rocks
Archean sedimentary rocks	Archean volcanic rocks
Archean-Paleoproterozoic intrusive rocks	Archean-Paleoproterozoic metamorphic rocks
Archean-Paleoproterozoic sedimentary and volcanic rocks	Archean-Paleoproterozoic sedimentary rocks
Paleoproterozoic intrusive rocks	Paleoproterozoic metamorphic rocks
Paleoproterozoic sedimentary rocks	Paleoproterozoic volcanic rocks
Mesoproterozoic intrusive rocks	Mesoproterozoic metamorphic rocks
Mesoproterozoic sedimentary rocks	Mesoproterozoic volcanic rocks
Mesoproterozoic-Paleozoic sedimentary rocks	Mesoproterozoic-Paleozoic metamorphic rocks
Mesoproterozoic-Paleozoic sedimentary rocks	Mesoproterozoic-Paleozoic volcanic rocks
Mesozoic intrusive rocks	Mesozoic metamorphic rocks
Mesozoic sedimentary rocks	Mesozoic volcanic rocks
Mesozoic-Cenozoic sedimentary rocks	Cenozoic sedimentary rocks

0 100 200 300 Km



SYMBOL LEGEND

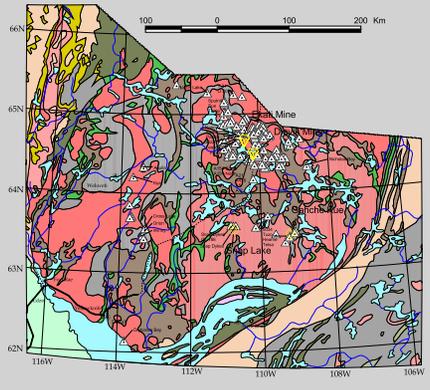
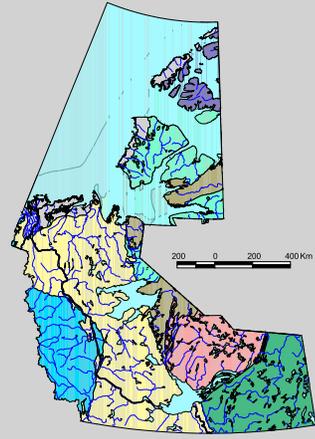
▲ NWT Communities	■ National Parks
○ Ocean and Lakes	■ National Park Reserve
~ Rivers	■ Proposed National Park
~ Wildfire Boundaries	
~ All Weather	■ Solid NWT Land Claims
~ Winter Road	■ Gasline
~ Rail Line	■ Inuvialuit Settlement Area
~ Gas Pipeline	■ Siku
~ Oil Pipeline	

GEOLOGICAL PROVINCES OF THE NWT

○ Ocean and Lakes
~ Rivers
~ NWT Structural Provinces
■ Arctic Continental Shelf
■ Arctic Platform
■ Bay Province
■ Coastal Province
■ Cordilleran Orogen
■ Inuvialut Orogen
■ Interior Platform
■ Slave Province

SELECTED KIMBERLITES IN THE SLAVE PROVINCE

Selected Kimberlites	Simplified Geology
▲ Advanced Projects	Archean intrusive rocks
▲ Diamond Mines	Archean metamorphic rocks
	Archean sedimentary rocks
	Archean volcanic rocks
	Archean-Paleoproterozoic intrusive rocks
	Archean-Paleoproterozoic metamorphic rocks
	Archean-Paleoproterozoic sedimentary and volcanic rocks
	Paleoproterozoic intrusive rocks
	Paleoproterozoic sedimentary rocks
	Paleoproterozoic volcanic rocks
	Mesoproterozoic intrusive rocks
	Mesoproterozoic sedimentary rocks
	Paleozoic sedimentary rocks



MINERAL DEPOSITS AND PETROLEUM RESOURCES OF THE NORTHWEST TERRITORIES

Minerals, Oil and Gas Division
Department of Resources, Wildlife and Economic Development
Government of the Northwest Territories
Yellowknife, NT X1A 2L9
NWT Mining and Metallurgical
Projection Parameters:
Projection: Latest Conformal Conic
Units: Metric
Datum: NAD83
Spheroid: GRS80
Semi-Major Axis: 6378137.0 (m)
False Easting: 0.00
False Northing: 0.00

The displayed deposits and geological units are intended to illustrate the variety and potential of the mineral resources of the NWT. Mineral occurrences of Canada importance from prospect to mine are represented. Location of roads, parks, settlements, geological units, mineral deposits and petroleum resources are approximate.

While every effort has been made to ensure the completeness and accuracy of this compilation, there may be errors and omissions for which the authors assume no responsibility. Suggested changes or corrections are welcome.

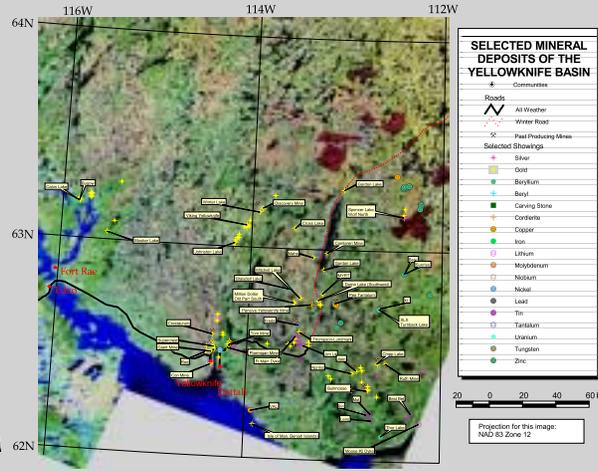
Compiled by J. Robinson and D. Iwan, January 2000.
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Wheeler, J.D., Hoffman, P.F., Goff, G.D., Davidson, A., Sanford, S.V., Chisholm, A.V. and Reed, W.R. (2001). 1:500,000 Geological Map of Canada, Geological Survey of Canada, Map D1980C.

Minerals, Oil and Gas Division
Department of Resources, Wildlife and Economic Development
Government of the Northwest Territories
1001 Mineral Deposits and Petroleum Resources of the Northwest Territories
Amery, J.F.
1988. NWT Kimberlite Occurrence Database
ESG 1988-13
Amery, J.F.
2002. pers. comm.
Johes, G.
2002. pers. comm. Mineral Information Maps

NORTHWEST Database of Mineral Showings for the Northwest Territories & Nunavut
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Landfill imagery courtesy of
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http://www.gov.nt.ca/RESE/RSIndex.htm



SELECTED MINERAL DEPOSITS OF THE YELLOWKNIFE BASIN

▲ Communities
~ All Weather
~ Winter Road
▲ Fast Producing Mines
▲ Selected Showings
▲ Silver
▲ Gold
▲ Beryllium
▲ Beryl
▲ Carving Stone
▲ Cordierite
▲ Copper
▲ Iron
▲ Lithium
▲ Molybdenum
▲ Nickel
▲ Niobe
▲ Lead
▲ Tin
▲ Tantalum
▲ Uranium
▲ Tungsten
▲ Zinc

Projection for this image: NAD 83 Zone 12