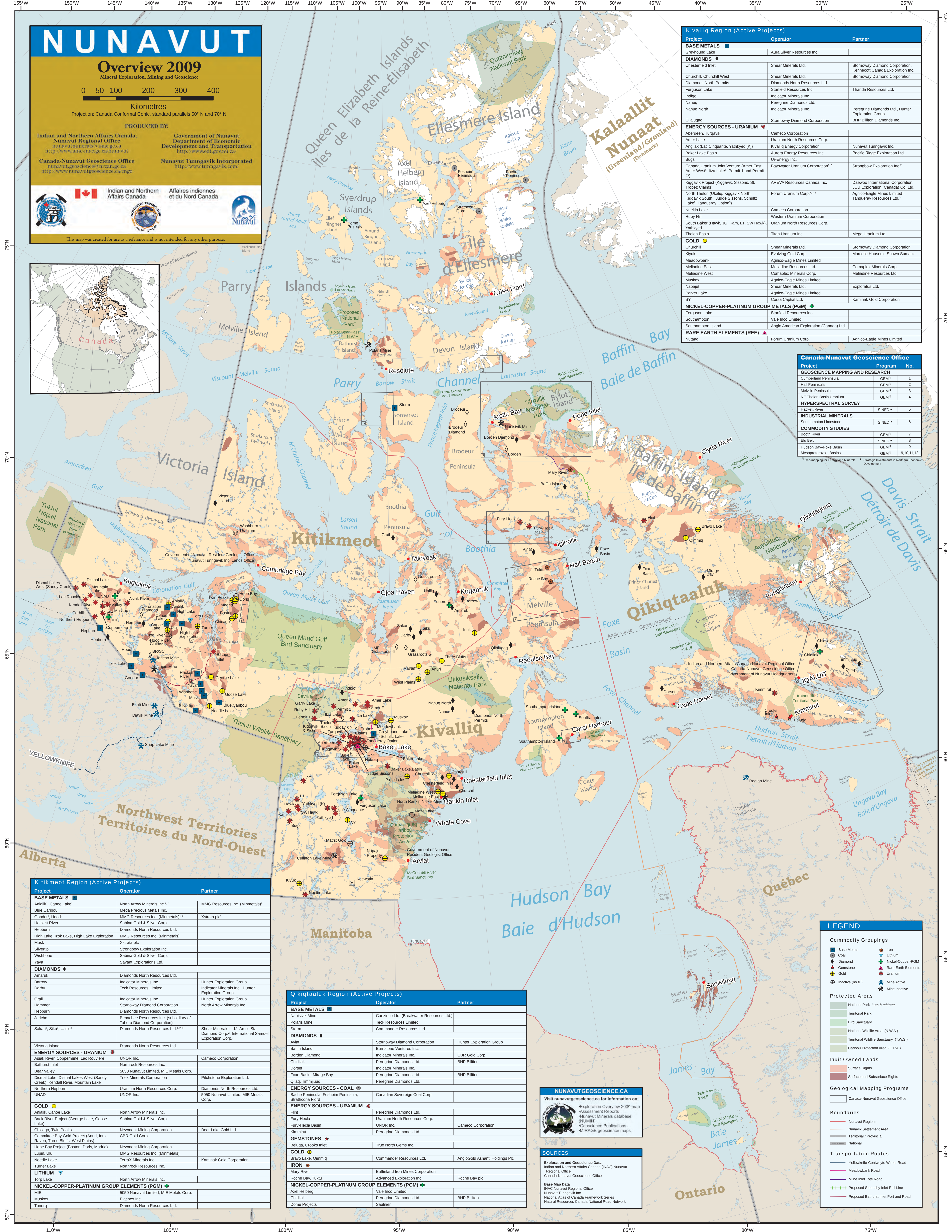




NUNAVUT

Overview 2009

Mineral Exploration, Mining and Geoscience

0 50 100 200 300 400

Kilometres

Projection: Canada Conformal Conic, standard parallels 50° N and 70° N

PRODUCED BY:

Indian and Northern Affairs Canada,
Nunavut Regional Office
nunavut.mmr@nrc.ca
http://www.cdn-htc.gc.ca/nunavut

Government of Nunavut
Department of Economic
Development and Transportation
http://www.edt.gc.ca

Canada-Nunavut Geoscience Office
nunavut.geoscience.ca
http://www.nunavutgeoscience.ca

Nunavut Tunngavik Incorporated
http://www.tunngavik.com

This map was created for use as a reference and is not intended for any other purpose.

Kivalliq Region (Active Projects)		
Project	Operator	Partner
BASE METALS ■		
Greynord Lake	Aura Silver Resources Inc.	
DIAMONDS ♦		
Chesterfield Inlet	Shear Minerals Ltd.	Stornoway Diamond Corporation, Kennecott Canada Exploration Inc.
Churchill, Churchill West	Shear Minerals Ltd.	Stornoway Diamond Corporation
Diamonds North Permits	Diamonds North Resources Ltd.	
Ferguson Lake	Starfield Resources Inc.	Thanda Resources Ltd.
Indigo	Indicator Minerals Inc.	
Nanuk	Peregrine Diamonds Ltd.	
Nanuk North	Indicator Minerals Inc.	Peregrine Diamonds Ltd., Hunter Exploration Group
Qilalugaq	Stornoway Diamond Corporation	BHP Billiton Diamonds Inc.
ENERGY SOURCES - URANIUM ★		
Aberdeen, Turqavik	Cameco Corporation	
Amer Lake	Uranium North Resources Corp.	
Angliak (Lac Cinquante, Yathkyed (K))	Kigavik Energy Corporation	Nunavut Tunngavik Inc.
Baker Lake Basin	Aurora Energy Resources Inc.	Pacific Ridge Exploration Ltd.
Bugs	U-Energy Inc.	
Canada Uranium Joint Venture (Amer East, Amer West, Itza Lake, Permit 1 and Permit 2)	Baywater Uranium Corporation ^{1,2}	Strongbow Exploration Inc. ³
Kigavik Project (Kigavik, Sissons, St. Tropez Claims)	AREVA Resources Canada Inc.	Daewoo International Corporation, JCUI Exploration (Canada) Co. Ltd.
North Thelon (Ukallik, Kigavik North, Kigavik South, Judge Sissons, Schultz Lake, Tanqueray Option)	Foran Uranium Corp. ^{1,2,3}	Agnico-Eagle Mines Limited ⁴ , Tanqueray Resources Ltd. ⁵
Nueltin Lake	Cameco Corporation	
Ruby Hill	Western Uranium Corporation	
South Baker (Hawk, JG, Kam, L1, SW Hawk), Yathkyed	Uranium North Resources Corp.	
Thelon Basin	Titan Uranium Inc.	Mega Uranium Ltd.
GOLD ☼		
Churchill	Shear Minerals Ltd.	Stornoway Diamond Corporation
Kyuk	Evolving Gold Corp.	Marcelle Hausaux, Shawn Sumac
Meadowbank	Agnico-Eagle Mines Limited	
Meladine East	Meladine Resources Ltd.	Comaplex Minerals Corp.
Meladine West	Comaplex Minerals Corp.	Meladine Resources Ltd.
Muskox	Agnico-Eagle Mines Limited	
Napajut	Shear Minerals Ltd.	Exploratus Ltd.
Parker Lake	Agnico-Eagle Mines Limited	
SY	Corsa Capital Ltd.	Kaminak Gold Corporation
NICKEL-COPPER-PLATINUM GROUP METALS (PGM) ☙		
Ferguson Lake	Starfield Resources Inc.	
Southampton	Vale Inco Limited	
Southampton Island	Anglo American Exploration (Canada) Ltd.	
RARE EARTH ELEMENTS (REE) ▲		
Nutaaq	Forum Uranium Corp.	Agnico-Eagle Mines Limited

Canada-Nunavut Geoscience Office		
Project	Program	No.
GEOSCIENCE MAPPING AND RESEARCH		
Cumberland Peninsula	GEM ²	1
Hall Peninsula	GEM ²	2
Melville Peninsula	GEM ²	3
NE Thelon Basin Uranium	GEM ²	4
HYPER SPECTRAL SURVEY		
Hudson River	SINED [•]	5
INDUSTRIAL MINERALS		
Southampton Limestone	SINED [•]	6
COMMODITY STUDIES		
Booth River	GEM ²	7
Elu Belt	SINED [•]	8
Hudson Bay-Foxe Basin	GEM ²	9
Mesoproterozoic Basins	GEM ²	9.10.11.12

[•]Geo-mapping for Energy and Minerals [•] Strategic Investments in Northern Economic Development

Kitikmeot Region (Active Projects)		
Project	Operator	Partner
BASE METALS ■		
Aniak, Canoe Lake ²	North Arrow Minerals Inc. ^{1,2}	MMG Resources Inc. (Minmetals) ³
Blue Caribou	Mega Precious Metals Inc.	
Gondor, Hood ⁴	MMG Resources Inc. (Minmetals) ²	Xstrata plc ⁵
Hackett River	Sabina Gold & Silver Corp.	
Hepburn	Diamonds North Resources Ltd.	
High Lake, Izok Lake, High Lake Exploration	MMG Resources Inc. (Minmetals)	
Musk	Xstrata plc	
Silverpit	Strongbow Exploration Inc.	
Wishbone	Sabina Gold & Silver Corp.	
Yeva	Savant Explorations Ltd.	
DIAMONDS ♦		
Amanuk	Diamonds North Resources Ltd.	
Barrow	Indicator Minerals Inc.	Hunter Exploration Group
Darby	Teck Resources Limited	Indicator Minerals Inc., Hunter Exploration Group
Grail	Indicator Minerals Inc.	Hunter Exploration Group
Hammer	Stornoway Diamond Corporation	North Arrow Minerals Inc.
Hepburn	Diamonds North Resources Ltd.	
Jericho	Benachee Resources Inc. (subsidiary of Tabara Diamond Corporation)	
Sakari ⁶ , Siku ⁷ , Ualliq ⁸	Diamonds North Resources Ltd. ^{1,2,3}	Shear Minerals Ltd. ¹ , Arctic Star Diamond Corp. ² , International Samuel Exploration Corp. ³
ENERGY SOURCES - URANIUM ★		
Asiak River, Coppermine, Lac Rouvère	UNOR Inc.	Cameco Corporation
Bathurst Inlet	Northrock Resources Inc.	
Bear Valley	5050 Nunavut Limited, MIE Metals Corp.	
Dismal Lake, Dismal Lakes West (Sandy Creek), Kendall River, Mountain Lake	Triex Minerals Corporation	Pitchstone Exploration Ltd.
Northern Hepburn	Uranium North Resources Corp.	Diamonds North Resources Ltd.
UNAD	UNOR Inc.	5050 Nunavut Limited, MIE Metals Corp.
GOLD ☼		
Aniak, Canoe Lake	North Arrow Minerals Inc.	
Back River Project (George Lake, Goose Lake)	Sabina Gold & Silver Corp.	
Chicago, Twin Peaks	Newmont Mining Corporation	Bear Lake Gold Ltd.
Committee Bay Gold Project (Anuri, Inuk, Raven, Three Bluffs, West Plains)	CBR Gold Corp.	
Hope Bay Project (Boston, Doris, Madrid)	Newmont Mining Corporation	
Lupin, Ulu	MMG Resources Inc. (Minmetals)	
Needle Lake	TerraX Minerals Inc.	Kaminak Gold Corporation
Turner Lake	Northrock Resources Inc.	
LITHIUM ▼		
Top Lake	North Arrow Minerals Inc.	
NICKEL-COPPER-PLATINUM GROUP ELEMENTS (PGM) ☙		
MIE	5050 Nunavut Limited, MIE Metals Corp.	
Muskox	Platinex Inc.	
Tunerq	Diamonds North Resources Ltd.	

Qikiqtaaluk Region (Active Projects)		
Project	Operator	Partner
BASE METALS ■		
Nanisivik Mine	Canadico Ltd. (Breakwater Resources Ltd.)	
Polaris Mine	Teck Resources Limited	
Storm	Commander Resources Ltd.	
DIAMONDS ♦		
Aviat	Stornoway Diamond Corporation	Hunter Exploration Group
Baffin Island	Burnstone Ventures Inc.	
Borden Diamond	Indicator Minerals Inc.	CBR Gold Corp.
Chidiak	Peregrine Diamonds Ltd.	BHP Billiton
Dorset	Indicator Minerals Inc.	
Foxe Basin, Mirage Bay	Peregrine Diamonds Ltd.	BHP Billiton
Qilag, Timmiquaq	Peregrine Diamonds Ltd.	
ENERGY SOURCES - COAL ☉		
Bache Peninsula, Fosheim Peninsula, Strathcona Fjord	Canadian Sovereign Coal Corp.	
ENERGY SOURCES - URANIUM ★		
Flint	Peregrine Diamonds Ltd.	
Fury-Hecla	Uranium North Resources Corp.	
Fury-Hecla Basin	UNOR Inc.	Cameco Corporation
Kimmut	Peregrine Diamonds Ltd.	
GEMSTONES ★		
Beluga, Crooks Inlet	True North Gems Inc.	
GOLD ☼		
Bravo Lake, Qimmiq	Commander Resources Ltd.	AngloGold Ashanti Holdings Plc
IRON ◆		
Mary River	Baffinland Iron Mines Corporation	
Roches Bay, Tuktu	Advanced Exploration Inc.	Roches Bay plc
NICKEL-COPPER-PLATINUM GROUP ELEMENTS (PGM) ☙		
Avet Heiberg	Vale Inco Limited	
Chidiak	Peregrine Diamonds Ltd.	BHP Billiton
Dome Projects	Sauhier	

NUNAVUTGEOSCIENCE.CA

Visit nunavutgeoscience.ca for information on:

- Exploration Overview 2009 map
- Assessment Reports
- Nunavut Minerals database (NUNM)
- Geoscience Publications
- MIRAGE geoscience maps

SOURCES

Exploration and Geoscience Data
Indian and Northern Affairs Canada (INAC) Nunavut
Regional Office
Nunavut Tunngavik Inc.
Canada-Nunavut Geoscience Office

Base Map Data
INAC Nunavut Regional Office
Nunavut Tunngavik Inc.
National Atlas of Canada Framework Series
Natural Resources Canada National Road Network

LEGEND

Commodity Groupings

- Base Metals
- Coal
- Diamond
- Gemstone
- Gold
- Inactive (no fill)
- Nickel-Copper-PGM
- Rare Earth Elements
- Uranium
- Mine Active
- Mine Inactive

Protected Areas

- National Park¹ Land withdrawn
- Territorial Park
- Bird Sanctuary
- National Wildlife Area (N.W.A.)
- Territorial Wildlife Sanctuary (T.W.S.)
- Caribou Protection Area (C.P.A.)

Inuit Owned Lands

- Surface Rights
- Surface and Subsurface Rights

Geological Mapping Programs

- Canada-Nunavut Geoscience Office

Boundaries

- Nunavut Regions
- Nunavut Settlement Area
- Territorial / Provincial
- National

Transportation Routes

- Yellowknife-Contwoyo Winter Road
- Meadowbank Road
- Mine Inlet Tote Road
- Proposed Steensby Inlet Rail Line
- Proposed Bathurst Inlet Port and Road