www.nunanet.com/~cngo
AN OVERVIEW OF THE CANADA-NUNAVUT GEOSCIENCE OFFICE AND ITS PROGRAM

Yellowknife Geoscience Forum 2000
November 23, 2000
C-NGO is a partnership between:

* GN Department of Sustainable Development
* DIAND Nunavut Regional Office
* NRCan, through the Geological Survey of Canada
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Co-operation in support of sustainable development
Our mandate is to provide accessible geoscience information to support:
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1. Sustainable development
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2. Education and outreach
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1. Sustainable development
2. Education and outreach
3. Training and capacity building
Program developed as a prioritized response to recent Geoscience Needs Assessment for Nunavut.

Implementation is overseen by a Management Board consisting of DSD, DIAND, NRCan and NTI reps.

Funding is shared by DSD, DIAND and NRCan.
Current Study Areas

Sustainable Development
Current Study Areas

* Committee Bay
Current Study Areas
* Committee Bay
* Central Baffin
Current Study Areas

* Committee Bay
* Central Baffin
* Arctic Zinc
Committee Bay
Integrated Geoscience Project

Baker Lake
Pelly Bay
Repulse Bay
Rankin Inlet

Sustainable Development
Committee Bay
Integrated Geoscience Project

2000:

* bedrock mapping and associated thematic studies: geochronology, geochemistry, Au in iron formation, shear zone development

* GSC initiated a TGI-funded aeromagnetic survey over entire project area, 400m line spacing
Committee Bay
Integrated Geoscience Project

* surficial mapping, glacial history
Committee Bay
Integrated Geoscience Project

2001:

* GSC participation in bedrock and thematic studies, geochronology, etc.

* TGI-funded Drift Prospecting Program planned for Au, base metals + kimberlite indicators

* Advanced Prospector Training planned with DSD collaboration
Central Baffin Integrated Geoscience Project

Sustainable Development
Central Baffin
Integrated Geoscience Project

2000:

* bedrock mapping and associated thematic studies: geochronology, geochemistry of volcanic rocks, mineral deposits, structural evolution, metamorphic studies

* GSC initiated a TGI-funded compilation of geochronological data on Baffin Island + northern Quebec
Central Baffin Integrated Geoscience Project

2001:

* Continuation of bedrock + thematic activities

* GSC to initiate surficial mapping + related thematic studies
Resolute Bay

Grise Fiord

Sustainable Development
Dynamics of the Polaris Zn District

Resolute Bay

Grise Fiord
Dynamics of the Polaris Zn District

2000:
* detailed mapping, structural studies, geochronology

2001:
* GSC participation in field and analytical activities
* collaboration with Noranda and Cominco to access archived data + drill core
Digital data capture on the outcrop...
database population in the office tent
DEGREES OF VARIATION
Climate Change in Nunavut

CLIMATE CHANGE: THE BASICS

CLIMATE HAS ALWAYS CHANGED

THE CURRENT CONDITIONS

CLIMATE PROJECTIONS

GLACIERS AND SEA LEVEL RISE

OF ICE AND MEN

LIFE AT SEA

LIFE ON THE LAND

NORTHERN LANDSCAPES

Education and Outreach
GIS Internship Program

Pre-employment training

* development of GIS skills through hands-on experience in resource management using Nunavut data sets

* collaboration with DFO, Parks Canada, CWS, DIAND, regional Inuit organizations

* preparing Nunavummiut for entry-level positions in resource management