

## Cumberland Peninsula Integrated Geoscience Project: Community Engagement 2009



A partnership between Natural Resources Canada's Geological Survey of Canada, Canada-Nunavut Geoscience Office, communities of Pangnirtung & Qikiqtarjuaq, and universities.

## Geomapping for Energy and Minerals (GEM)

### Cumberland Peninsula Integrated Geoscience project 2009-2012

Between June 20 and August 20, 2009, research activities on Cumberland Peninsula, Nunavut, focused on mapping the location & type of bedrock and glacial deposits. Low-impact, helicopter-supported field operations conducted during 2009 took place on the southern part of the peninsula in the vicinity of Pangnirtung, while those for 2010 are proposed over the northern part of the peninsula in the vicinity of Qikiqtarjuaq.

Twenty-two people from Pangnirtung participated in this geoscience initiative in a variety of roles. In addition, 11 elders and 4 municipal and regional government staff toured the camp. Positive, productive interactions have left lasting memories for all of us, and the desire to involve and engage community members from Qikiqtarjuaq in upcoming research activities.

The following photographic record highlights the community engagement of this successful partnership during 2009.



Ben Kilabuk prospecting & sampling rusty rocks for assay

Cover. Top photograph: view of the highlands in central Cumberland Peninsula. Clockwise from middle left: Noah Maniapik and Mark Kilabuk prospecting; Ida Evik preparing country food with an ulu; Alookie school student examining a rock; group photograph during an elders visit - **Back Row**, left to right: Sarah Maniapik, Amie Nauyuq, Barnabus Qaunaq Qupee, Hannah Tautuayuk, Limee Nakashuk, Seemee Angmarlik, Simeonie Akpalialuk, Peterosie Qappik, Elijah Kakee, Roxanne Takpanie-Briere, Art Dyke. **Front row**, left to right: Olivia Brown, Nicole Rayner, Mike Young, Scott Adams, Sila Kisa, Peepeelee Kuniliusie, Mary Sanborn-Barrie, July Kullualik, Carl Nagy, Anne Belanger.



## Around town in Pangnirtung



Students at Alookie School study rocks & minerals with magnifying lenses. Presentations made at Pangnirtung elementary and high schools in May, 2009 are planned for Qikiqtarjuaq and Pangnirtung schools in March, 2010.



Information meeting in Pangnirtung in June, 2009 for residents who applied and were hired for summer work. Left to right: Jackie Keenainak, Rita Ann Qaqasiq, Noah Maniapik, Maryann Shoapik, Peter "Jo Jo" Aningmiuq, David Maniapik, Carl Nagy, Simeonie Akpalialuk

## Field Camp



Members of the field team on July 19, 2009. **Back row**, left to right: Art Dyke, Tim Gardner, David Boerner, Philip Jennings, Krista Glover, Martin Bergmann, Kevin Kosar, Dave Towersey, Jenn Day, Brian Roberts, Jim Craven, Roxanne Takpanie-Briere, Kate Rubingh, Matthew Pointing, Donald James, Luke Sheldon, Monique Carpentier, Annina Margreth, Sue Sim-Nadeau, Rae Keim. **Front row**, left to right: Beth Hillary, Tommy Papatsie, Suzanne Paradis, Carl Nagy, Scott Adams, Noah Maniapik, Annie Qappiq, Mike Young, Mary Sanborn-Barrie, Marc St-Onge, Brett Hamilton, Mark Kilabuk

Required permits and licences obtained in 2009:

- NRI research licence: 0100809N-M Feb 2, 2009 to Dec 31, 2009
- NIRB screening: 08YN085 - completed January 29, 2009
- INAC Landuse: N2009J0001 February 3, 2009 to February 3, 2011
- Qikiqtani Inuit Association Exemption Number: Q09XN13 June 15, 2009 to August 31, 2010
- Nunavut Water Board: 0100809N-M Aug 5, 2009 to September 30, 2010



Temporary, low-impact tent camp serving 2009 operations, located ~75 km east of Pangnirtung, NU.





Sunset overlooking the field camp. Tents from left to right: shower, kitchen/dining longhouse, office longhouse, camp manager.



The single-pole Logan tents are designed to stay warm and withstand inclement weather. Normally, these are used as individual sleeping tents.

## Getting Around



Helicopters are used for daily transport of people to conduct field work.



Twin Otters transport people, food and supplies into and out of camp.



## Working in Camp

Pangnirtung-based personnel involved in 2009 field operations included:

- 22 hires (5 women, 17 men; from 23 to 58 yrs) on 10-day rotations as field assistants (prospecting, surficial, geophysical surveying), camp managers/assistants, cook's assistants.
- 11 elders and 4 local and regional government staff (SAO, EDO, mayor of Pangnirtung, MLA) who toured the camp operations and enjoyed lunch.

Similar engagement involving Qikiqtarjuaq residents is planned for 2010.



Rita Ann Qaqasiq prepares homemade pasta for dinner.



Marc Kilabuk using the gas-powered, portable rock saw to sample a boulder.

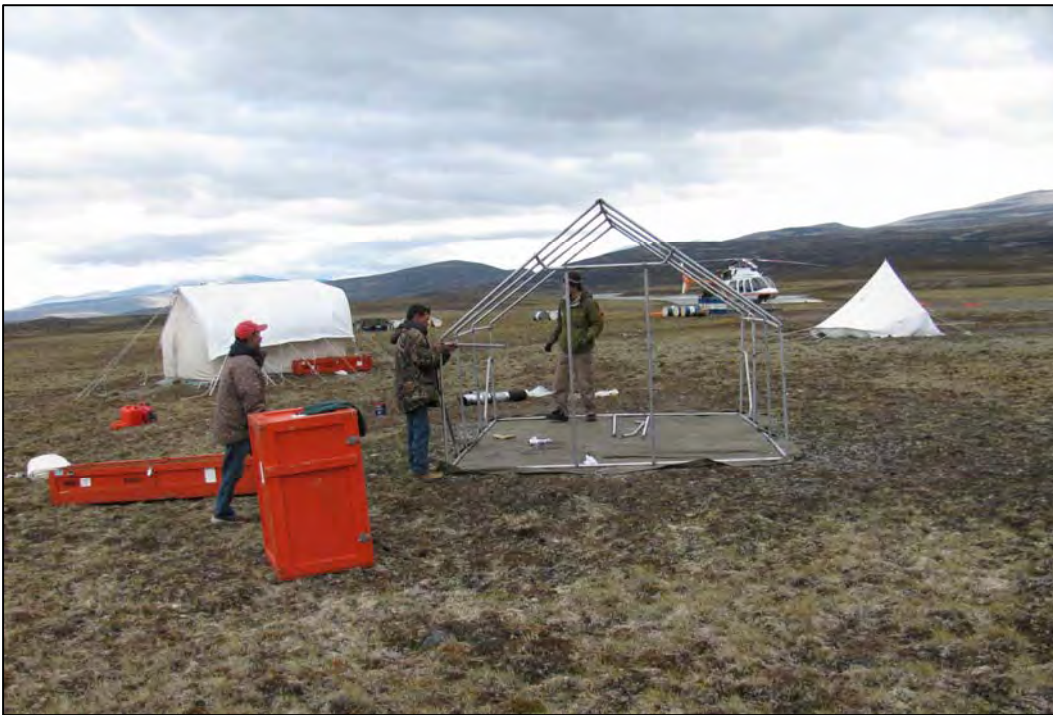


Kate Rubingh, Noah Maniapik and Matt Pointing discussing the rock samples collected during their field work.





Jackie Keenainak takes a break from tidying camp and refueling jerry cans.



Roger Kukuquqtuq, July Kullualik and Peter "Jo Jo" Aningmiuq packing up their tent at the end of a successful fieldseason



Tommy Papatsie set to depart by helicopter for a day's work on the land.



July Kullualik displaying his prospecting hammer, broken during enthusiastic sampling.





Stevie Akpalialuk enjoying a break after a long day of hiking and mapping.



Jutanie Arnakak, Rae Keim and Caroline Richer share the warmth of a tundra fire while they wait for helicopter pickup after their daily traverse.



Updating Noah Mosesee's resume with Jenn Day, part of an in-camp resume service used by all Pangnirtung hires.



Jimmy Qaqasiq and Maryann Shoapik explaining the variety of career opportunities in geoscience for Inuit youth to Piksuk Media Inc. on behalf of NRCan





Evening cards played by Ida Evic, Scott Adams, Jackie Keenainak & Ben Kilabuk



Ida Evik (kneeling centre) serving evening tundra tea to the team.

## Elders Visit



Simeonie Akpalialuk (sitting at left) translating between scientists & elders while all study new maps. Left to Right: Hannah Tautuayuk, Simeonie Akpalialuk, Roxanne Takpanie-Brière, Sarah Manipik, Peepeelee Kuniliusie, Mike Young, Peterosie Qappik, Amie Nauyuq, Elijah Kakee, Mary Sanborn-Barrie

### Additional highlights:

- 9 Inuit completed the Government of Nunavut's prospector's training course prior to the field season
- 12 local residents were trained in Wilderness First Aid prior to commencing fieldwork
- All Pangnirtung residents prepared and/or updated their resumes to reflect new training & field experience, and were given a flash memory stick to ensure they took both digital & paper versions with them.
- At least 2 people went to work for Peregrine Diamonds after our field season
- Many of the student field assistants are now Facebook friends with the employees from Pangnirtung from this past summer.
- Plans to organize further training sessions in Wilderness First Aid, Prospecting in Nunavut and Helicopter Safety for residents of Qikiqtarjuaq and Pangnirtung are in progress.





Elijah Kakee pointing to a traditional overland route on a trip to his childhood home.



At the site of Elijah Kakee's childhood home. From left to right: Mary Sanborn-Barrie, Mary Kooneeliusee, Elijah Kakee & Nicole Rayner



MLA for Pangnirtung Adamee Komoartok, the Mayor of Pangnirtung, His Worship Mosesee Qappik, Peepeelee Kuniliusie & Hannah Tautuayuk at the 2009 camp.



Peepeelee Kuniliusie and Barnabus Qaunaq Qupee examining rock samples on display in camp.