

DE BEERS GROUP

በ ልዩ ልዩ ጉዞ

CHIDLIAK UPDATE

የግብርና ስራ ለማስፈጸም የሚያስፈልገው

ጋራ ጥራት ማረጋገጥ

Iqaluit

April 3, 2019

ግብርና

2019

PUBLIC ልዩ ልዩ ጉዞ

SINCE WE LAST MET ርልሎሥር ኮብረጥፍገሊሥር

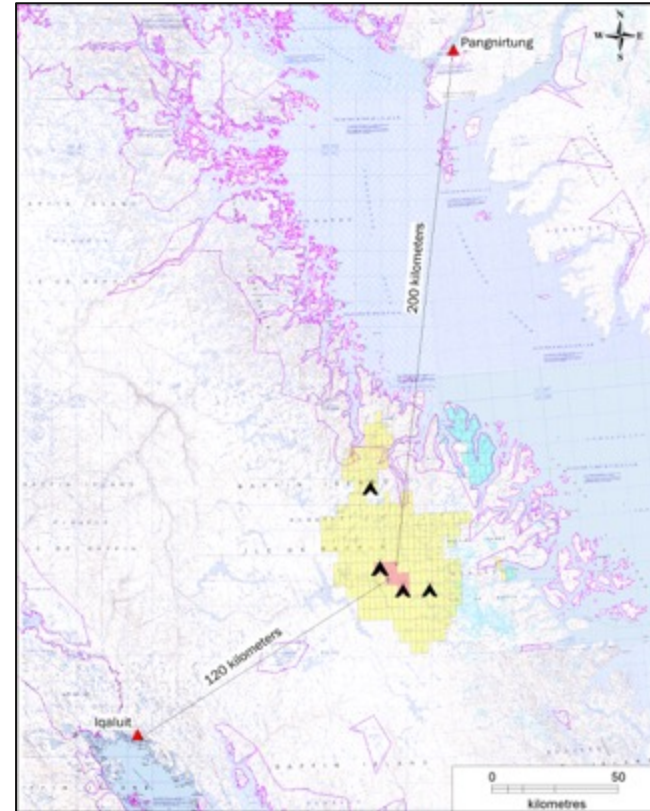
- Assembled project team to assess options
 - Planned environmental field work
 - Initiated technical studies
 - Continued to investigate 'Future Smart Mining' approaches
- ልፍጠናዎች ለጥናት ለማድረግ ለሚያስፈልጉት ስራዎች ለማድረግ ለሚያስፈልጉት ስራዎች
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CHIDLIAK PROJECT LOCATION

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- Project is located between Iqaluit and Pangnirtung
- 120 kilometers northeast of Iqaluit
- 200 kilometers south of Pangnirtung

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- 200 ስፔሻላይዥን ስፔሻላይዥን ስፔሻላይዥን



ENGAGEMENT IS CRITICAL TO THE SUCCESS OF THE PROJECT

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City of Iqaluit (120 km southwest)

- Qikiqtani Inuit Association (QIA)
- Mayor and Council
- Hunters & Trappers Organization
- Community Members
- Nunavut Research Institute
- GN Departments

Δϭϭϭϭ ϭϭϭϭϭϭϭ (120 ϭϭϭϭϭ ϭϭϭϭ)

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CHIDLIAK PROJECT UPDATE ኅዮርብ ለርቢብ ፍጹም ልማት ስራዎች

ጋዜጣዊ ስራዎች

- De Beers Group has begun concept studies to understand options for using the latest and emerging technology, what we call 'Future Smart Mining'
- Future Smart Mining includes:
 - Renewable energy
 - Minimal environmental impact
 - Minimal infrastructure (modular, movable)
 - Remote monitoring technology
- Concept studies include:
 - Mining Methods
 - Logistics (transportation)
 - Energy
 - Telecommunications
 - Process, Water, Waste

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Wind Energy



Solar Energy

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FIELD WORK 2019 - DRILLING ᐱᑦᑎᑦ ᐱᑦᑎᐱᑦᑎᑦᑎᑦᑎᑦ 2019 - ᑲᐱᑦᑎᑦᑎᑦ

Drill Program CH-6 Kimberlite

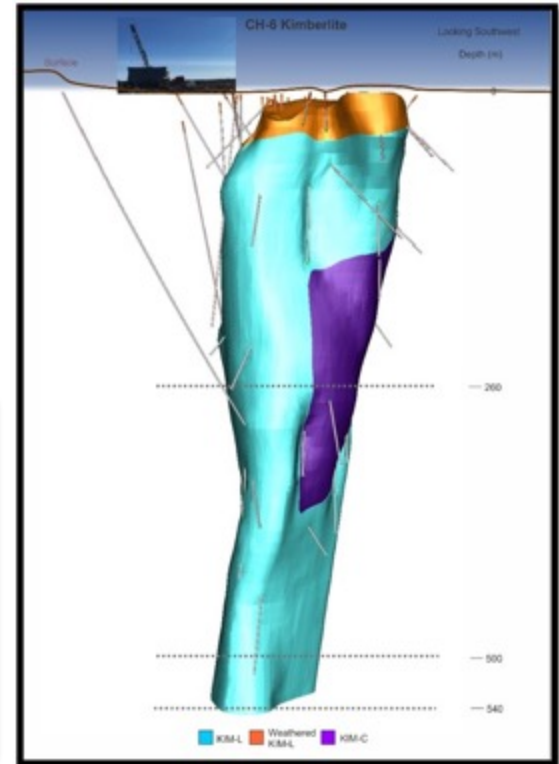
- One drill rig
- 12 drill holes
- Commence July 2019

ᑲᐱᑦᑎᑦᑎᑦ ᐱᑦᑎᐱᑦᑎᑦ CH-6 ᑕᐱᑦᑎᑦᑎᑦᑎᑦᑎᑦ

- ᐱᑦᑎᑦᑎᑦ ᑲᐱᑦᑎᑦᑎᑦᑎᑦᑎᑦ
- 12 ᑲᐱᑦᑎᑦᑎᑦᑎᑦᑎᑦ
- ᐱᑦᑎᑦᑎᑦ ᑦᑎᐱ 2019



Drill Rig at CH-6



CH-6 Kimberlite

ENVIRONMENTAL BASELINE COLLECTED 2009-2017

Survey Type	2009	2010	2011	2012	2013	2014	2015	2016	2017
Water Quality	✓	✓	✓	✓	✓	✓	✓	.	.
Stream Flow	✓	✓	✓
Habitat Analysis	✓	.	.	✓
Breeding Birds	✓
Waterfowl	✓	✓	✓
Raptor/Raptor Nest	✓	✓	✓	✓	✓	✓	✓	.	.
Aerial Caribou	✓	✓	✓	✓	✓	✓	.	.	.
Aerial Carnivore	✓	✓	✓	✓	✓	✓	.	.	.
Meteorological	.	✓	✓	✓	✓	✓	.	.	.
Camp Potable Water Quality	.	✓	✓	✓	✓	✓	✓	.	.
Fish & Fish Habitat	.	✓	.	.	.	✓	✓	✓	.
Ecological Land Classification	✓	.	✓	.
Archaeology	✓	✓	✓	✓	.	✓	.	.	.
Wildlife Observation Logs	.	✓	✓	✓	✓	✓	✓	✓	✓

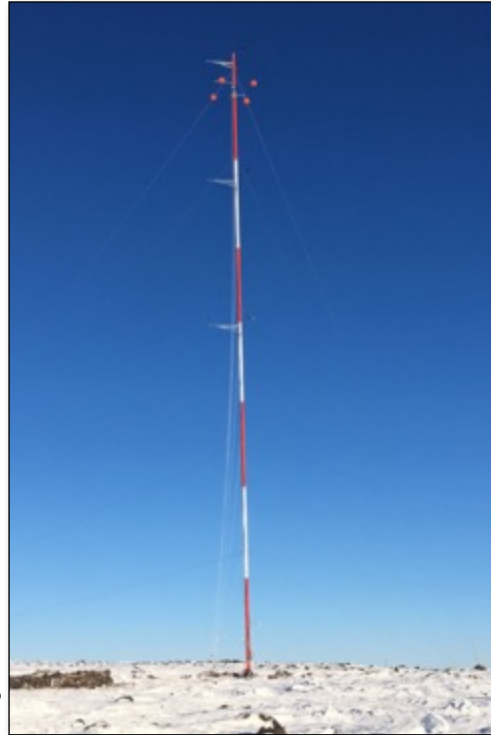
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ᑭᑭᑕᑦᑕᑦ ᑭᑭᐃᑦᑕᑦᑕᑦ	2009	2010	2011	2012	2013	2014	2015	2016	2017
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ᑕᑕᑕᑦᑕᑦᑕᑦᑕᑦ/ᑕᑕᑕᑦᑕᑦᑕᑦᑕᑦ ᑕᑕᑕᑦᑕᑦ	✓	✓	✓	✓	✓	✓	.	.	.
ᑕᑕᑕᑦᑕᑦᑕᑦᑕᑦ	.	✓	✓	✓	✓	✓	✓	.	.
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FIELD WORK 2019 - ENVIRONMENTAL ᐃᑲᑎᑦ ᐱᑦᑎᐱᑦᑎᑦᑎᑦ 2019 - ᐃᑲᑎᑦᑎᑦ

Environmental Work

- Gather environmental data on the land
- Build upon Peregrine's work
- Water Quality & Flow studies
- Vegetation studies
- Bird studies
- Wildlife studies
- Fish studies
- Archaeology studies
- **Weather, wind and air studies**
 - **Movable**
 - **60 meters**
 - **Same model as Iqaluit and Pang**
- Permafrost, land and soil studies



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- ᐃᑦᑎᑦᑎᑦᑎᑦᑎᑦ ᐱᑦᑎᐱᑦᑎᑦᑎᑦᑎᑦ ᐃᑦᑎᑦᑎᑦᑎᑦᑎᑦ
- ᐃᑦᑎᑦᑎᑦᑎᑦᑎᑦᑎᑦ, ᐃᑦᑎᑦ ᐃᑦᑎᑦᑎᑦ ᐃᑦᑎᑦᑎᑦ ᐱᑦᑎᐱᑦᑎᑦᑎᑦᑎᑦ

BUSINESS OPPORTUNITIES ኃኢገብገቢ ገደልካጭ ለሥራዎች

Contracts Issued:

- Environmental baseline data (Golder Associates and Ecologic)
- Wind Energy study (Hatch)

Anticipated Contracts:

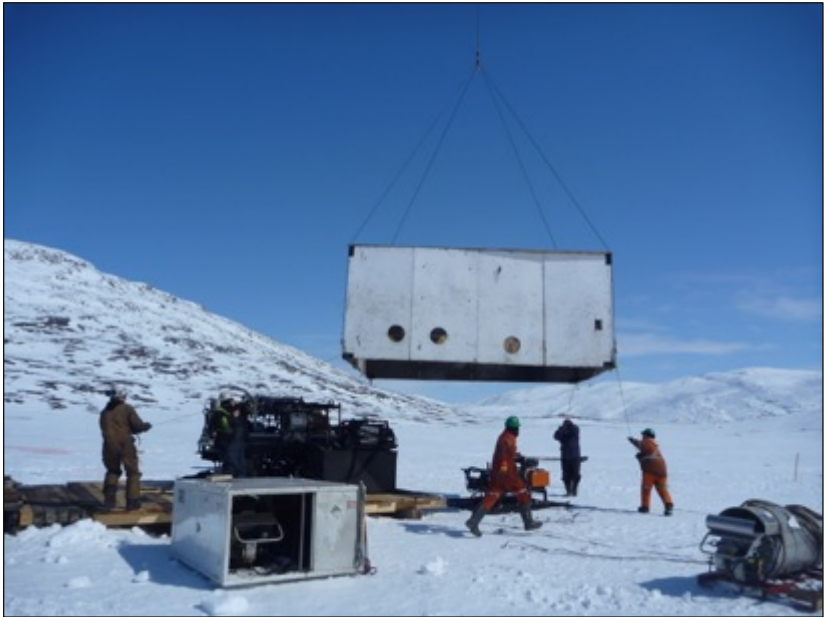
- Helicopter services
- Drilling

For further information, please

contact: Procurement@debeersgroup.com

ግብይት-ርዕድዎች:

- ለደብዳቤዎች ጋራገብገቢ ልማት (ጋራ ለጋራ ለደብዳቤዎች ልማት)
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- ልማት
 - ልማት



ጋራገብገቢ ልማት,

ኢሜይል: Procurement@debeersgroup.com

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Instagram - @DeBeersCanadaOfficial

COUNT ME IN

WE ARE WORKING TO CHANGE THE WORLD.

De Beers Canada is committed to accelerating representation of women within our company and advancing women and girls in the communities in which we operate.

#COUNTMEIN

Make your
commitment
today at:



In support of

HeForShe

UN Women Solidarity Movement
for Gender Equality

www.heforshe.org/en/commit/debeers

DISCUSSION ᐅᓃᓐᓐᓐᓐᓐᓐᓐᓐ

