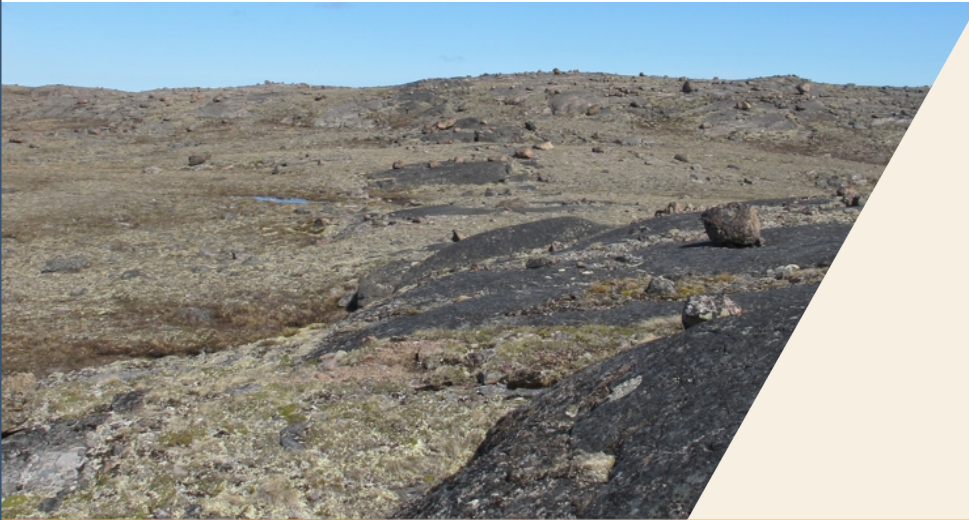




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መግቢያው ላይ የሚገኝው የአካባቢው ምስል
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AMITTOK LAKE (SOUTH)
የሰነድ ምስል



መግቢያው
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በዚህ ሰነድ የሚገለጽበት መግቢያ 256S
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St-Onge, M.R., Weller, O.M., Dyck, B.J., Rayner, N.M., Chadwick T., & Liikane, D.,
2016. ሞሪ ጽዳቅና፣ Amittok Lake (south), የምርመራ፣ ሞሪ ተከማቻ
ጽዳቅና፣ ከፊርጥ፣ ከፊርጥ ሞሪ ጽዳቅና፣ ሞሪ ተከማቻ 256S (ለተጨማሪ);
ሞሪ ተከማቻ ስርዓት ጽዳቅና፣ በበላይ፣ ለፖለቲካ ሞሪ ተከማቻ
2016-13S, ምስል 1:100 000. doi:10.4095/298759

ABSTRACT

This map summarizes the field observations for the Amittok Lake (south) map area following eight weeks of regional and targeted bedrock mapping on western Hall Peninsula. The 2015 field campaign completes a two-decade mission to update map coverage for the whole of Baffin Island south of latitude 70°N. The bedrock is dominated by a Paleoproterozoic metaplutonic suite, ranging in composition from gabbro to syenogranite, with crosscutting relations indicating a progression from mafic to silicic magmatism. Prevailing upper amphibolite to lower granulite facies metamorphic conditions overlap the stability limits of magnetite and orthopyroxene, which is consistent with equilibrium phase diagrams and regional aeromagnetic data. Metasedimentary rocks, including quartzite, pelite, marble, and metagreywacke, are present as screens and enclaves between and within plutonic bodies. An examination of the 'ghost' stratigraphy suggests that the metasedimentary rocks can be correlated with the middle Paleoproterozoic Lake Harbour Group in the south and Piling Group in the north. Two basaltic dyke swarms and shallowly dipping Ordovician limestone respectively crosscut and overly the Paleoproterozoic units.

ΔΙΕΥΚΥΛΥΝΤΕΣ

[illegible]

ᐅᑲᓴᔭᐱᕈᖅ ᕿᐅᐃᕋᓂᕐᓂᕐᓂᐅᕐ Universal Transverse Mercator, ᐱᐳᔭᕐᒪᕐᐅᕐ 19.
North American Datum 1983

[illegible]

Normal fault; solid circle indicates downthrown side
Oblique-slip fault, normal, inferred
Antiform, defined
Antiform, overturned, defined
Synform, defined

[illegible]

[illegible][illegible]

- [illegible]

- 3) ሙልላታጎኔልኛ ለቦላናልዮ ካታሊስቲክ ብሊ ፕሮቶጆኖይክ Paleoproterozoic supracrustal ንጉሥታ (Lake Harbour Group), ከባሪኒን ርእሰሀድረኛ ‘Meta Incognita microcontinent’ ይሆናል St-Onge et al. (2000a), ርእሰሀድረኛ ሙልላታጎኔልኛ ለቦላናልዮ crust rifted ይሆናል the Rae ምድር Superior craton, ምድር ርእሰሀድረኛ ለቦላናልዮ ምድር ብሊ:
- 4) ሙልላታጎኔልኛ ለቦላናልዮ ካታሊስቲክ, ጋሮታህንሃድረኛ ምድር ከሚታመነው የRae craton, ብሊ የPaleoproterozoic supracrustal ንጉሥታ (Piling Group; Wodicka et al., 2014), ይኸውም ለጋሮታህንሃድረኛ ምድር ለHoare Bay Group የCumberland Peninsula.

ኖዴሚያ 3 ለ 4 ሲሆን በCumberland batholith, ርዕሰ ልዩነቱም በca. 1865–1845 Ma (Whalen et al., 2010). በCumberland batholith ጋር በተመሳሳይ ለAndean-type batholith (St-Onge et al., 2009), በኢትዮጵያም በባህር ዳርታ ለlithospheric delamination ለሆነው ca. 720 Ma basaltic ‘Franklin’ ካርታ ለሆነው ለOrdovician limestone strata (Blackadar, 1967).

[illegible]

ኖፓዊሮቶኒክ 2-3 ካና ጋቦ (Soper River) ወዲስ በበናፕሪልግኤ
ፋይነት-ፎር-ፋውንደሽን ዲፋዜረንሻል ፋየሞታይኒስ (magmatic arc) ሆኖ Rae-Meta
Incognita ልማቱን አሳይቷል። ርቀቱ ምሳሌ የፋየሞታይኒስ 1845 Ma, ርቀቱ
ምሳሌ ለፋየሞታይኒስ ለተለያዩ ምሳሌዎች (Dunphy and Ludden, 1998), ለፋየ

[illegible][illegible]

ርሲታ ድንፍጽ ልሙድ ለርፍፍሙካዎች ልልጋታዊ Paleoproterozoic metaplutonic
 ላሳሳብረውታል ልልጋታዊ gabbro ልልጋታዊ syenogranite. ላሳሳብረውታል
 ጋራፍፍፍ ላሳሳብረውታል ላሳሳብረውታል ላሳሳብረውታል ላሳሳብረውታል ላሳሳብረውታል
 ልሳሳብረውታል ላሳሳብረውታል ልሳሳብረውታል ልሳሳብረውታል ልሳሳብረውታል
 compositions. ላሳሳብረውታል ድንፍጽ ላሳሳብረውታል ላሳሳብረውታል ላሳሳብረውታል
 ላሳሳብረውታል ላሳሳብረውታል ላሳሳብረውታል ላሳሳብረውታል ላሳሳብረውታል
 ለረሲታ ላሳሳብረውታል ላሳሳብረውታል ላሳሳብረውታል ላሳሳብረውታል ላሳሳብረውታል
 batholith.

ພູເຈຍນ້ຳຕົກ, ກະຖານດິນ ແຜ່ນຜາ ມາຟິກ mafic dykes ແຜ່ນ ຄຳເຕີ້ ແຜ່ນ Ordovician limestone ມາດຕະການ ແຜ່ນ ສົງຄາມ Sylvia Grinnell Lake–Clearwater Fjord area.

[illegible]

[illegible]

Garnet-sillimanite leucogranite ኢኔዎኔርግኔት ለሊግሊ ልጋጋሪው ልጋኔባኔግኔትጋብ
 ለሪግሊ garnet-biotite monzogranite ስግግሪው ወደላግሪ ወደላግሪ ልጋጋሪው ልጋኔባኔግኔትጋብ
 ልጋጋሪው ልጋኔባኔግኔትጋብ ለሪግሊ garnet-biotite monzogranite ወደላግሪው ልጋኔባኔግኔትጋብ
 ለሪግሊ ልጋኔባኔግኔትጋብ ለሪግሊ ልጋኔባኔግኔትጋብ 1-5 mm ስግግሪው ወደላግሪ

Phase equilibria modelling ን፡ህንጻው ዓይነት ሊደረግበት የሚችል monzogranite ነፃነቱንና
ተለያዩ ለውጦችን በመጠቀም ን፡ህንጻው ዓይነት ሲኖር የሚፈጸሙ ለውጦችንና ለውጥ
ደረጃዎችን ማስረጃ ለማስገኘት (P, T, and X) ስለሚያስፈልጉት metamorphic mineral

[illegible][illegible]

D, ንፍጹም ልዩ ስጦታ ለሆኑ ንፍቅር ልዩ ስጦታ

[illegible][illegible]

▷ᐃᓴᕐᓂ ᐃᐸᐃᑦ, ᓄᓇᐅᑦ ᖃᕐᓂ-ᐊᕐᓂᕐᓂᐃᑦ D₂ ለሲኔቮርካን ካዳፒሎስ
ጥፋጭሶሞስ 1 ᐊፒ 2 ዮረኖኔበርᐅᑦ ca. 1.76 Ga (Lucas and St-Onge, 1992).
Lucas and Byrne (1992) ለፒሪᐅኔን orogen-ደጋግሞ ለሲኔቮኔሆፒኔ
ኔሆኒዳን ᓄᓇፒ ደጋግᐅ ᓄᓇᐃᑦ ፖረኖᐊፒ ᐊጎኔርᐅበቡጋሮ ደረረፒᐊኔሆፒኔ
ᐅᐊᓚᕐር ኔᓇᓚᕐᓂ Trans-Hudson Orogen.-ፒ.

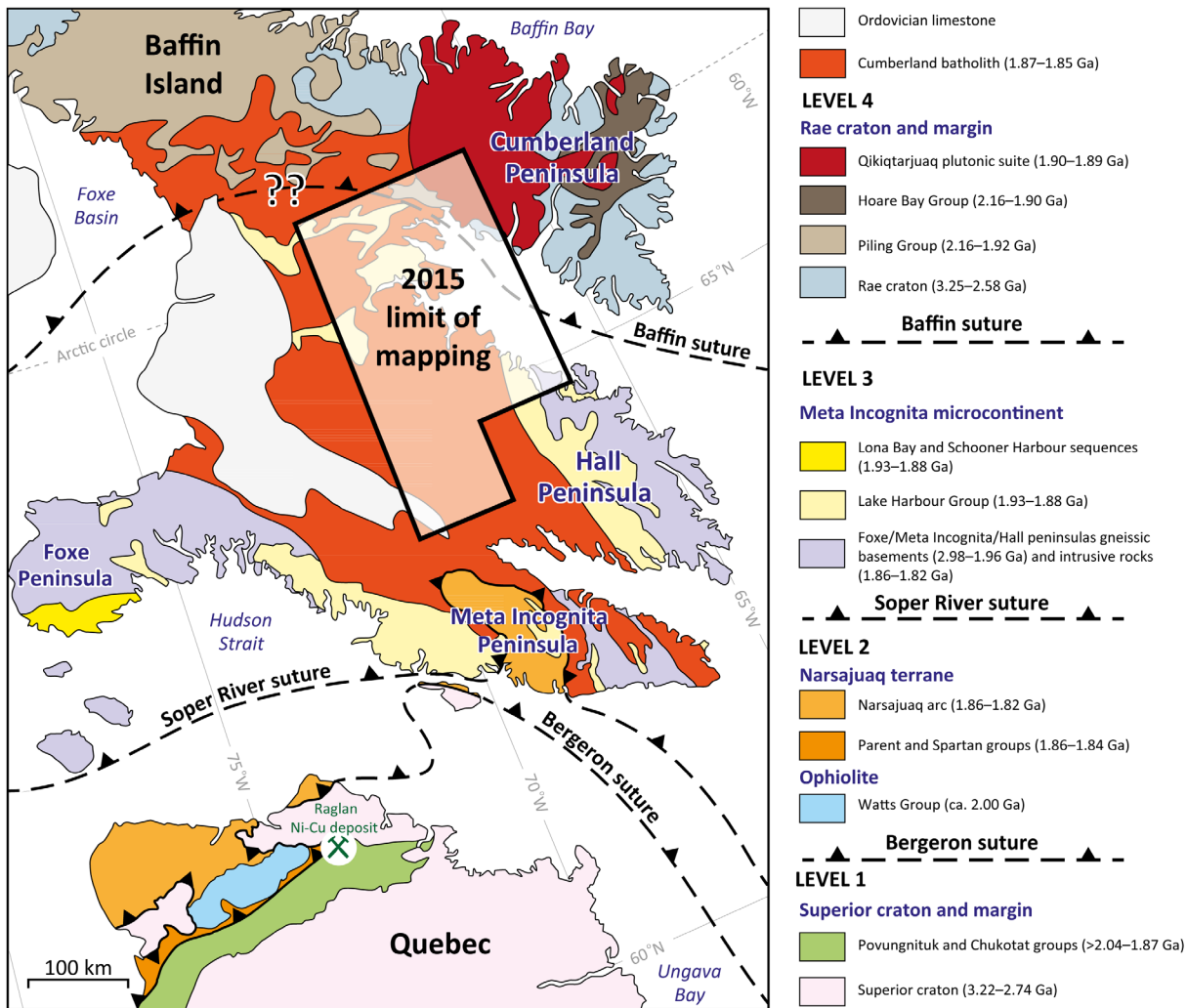
D_3 ንፍፁም ልዩ ስርዓት ለማግኘት የሚያገለግል ነው።

[illegible]

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2. Ծրագրված է Երկրագնդի արևելյան մասում գտնվող Դևոնյան լեռնաշղթայի և Մետա-Ինկոգնիտա լեռնաշղթայի (Վերին Դևոնյան լեռնաշղթայի St-Onge խոչընդոտ, 2007), Երկրագնդի արևելյան մասում գտնվող Դևոնյան լեռնաշղթայի և Մետա-Ինկոգնիտա լեռնաշղթայի միջև գտնվող լեռնաշղթայի մասերի մասին: Դրանք Երկրագնդի արևելյան մասում գտնվող Դևոնյան լեռնաշղթայի և Մետա-Ինկոգնիտա լեռնաշղթայի միջև գտնվող լեռնաշղթայի մասերի մասին:

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