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McKEAND RIVER (SOUTH)

የቦታ ቤት, ዘመኑ



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2016

Canada

ΔL°Q $\Delta C^{\circ}C\Delta L^{\circ}N^{\circ}b^{\circ}R^{\circ}C^{\circ}$ ȏR $U^{\circ}U^{\circ}b^{\circ}\sigma^{\circ}\sigma^{\circ}$ ΔL C $\sigma\Delta^{\circ}b\Delta bC^{\circ}\sigma^{\circ}$
 የMcKeand River (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 overlie the Paleoproterozoic units.

ABSTRACT

This map summarizes the field observations for the McKeand River (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 overlie the Paleoproterozoic units.

MAP AREA

ȏQ ȏR $U^{\circ}L^{\circ}N^{\circ}b^{\circ}R^{\circ}C^{\circ}$ ȏb $\Delta^{\circ}L^{\circ}N^{\circ}b^{\circ}R^{\circ}C^{\circ}$ McKeand River (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 overlie the Paleoproterozoic units.

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አገልግሎት በኋላውን የሚመለከት መሆኑን በመመሪያው ምክንያት የሚመለከት ነው.

GEOSCAN (<http://geoscan.nrcan.gc.ca/>)

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▷❀zungc AL^a q⁶6r⁴C^c-dσ>0r⁴ a⁸s⁷ C^as^c „p²h⁶U^c
(Corrigan et al., 2009);

- 3) ሙ&8σC^bΔ^c ለR^a6⁴ ኮ-⁷u⁸ አ-⁹u^c ΔL „p⁰4²C^a Paleoproterozoic supracrustal „b^aL^c (Lake Harbour Group), b⁰2⁷L^c CΔL>L^c ‘Meta Incognita microcontinent’ ▷L^{aa} St-Onge et al. (2000a), CL^bd² የ-²Δ⁶Y⁷L^c Ldσ^a crust rifted ▷R^{aa} the Rae ▷❀zungc Superior craton, ▷❀zungc CLΔ^a መ^c AC⁶C>L^aR^c መ^c: ΔL
- 4) ሙ&8σC^bΔ^c ለR^a6⁴ ኮ-⁷u⁸ አ-⁹u^c, C^p>0L^c R⁷L^c σ⁰Г b⁰2⁷L^c σ^a ▷a Rae craton, ΔL ▷a „p⁰4²C^a Paleoproterozoic supracrustal „b^aσ (Piling Group; Wodicka et al., 2014), ▷L^a Δ⁸6R⁸ <R^a >C^c ል²g^a R^a ▷d^a Hoare Bay Group ▷E^c Cumberland Peninsula.

„d⁸8g^aσ^a 3 ΔL 4 ቀ²L^a ህ⁷u⁸0L^c ▷L^a Cumberland batholith, C^a q²g⁸R^c U^c ▷L^a THO. ▷a Cumberland batholith C^p>0L^c R⁷L^c ΔL^a Andean-type batholith (St-Onge et al., 2009), ▷❀zungc ለR^a6⁴ ኮ-⁷u⁸2^c b⁰4⁶2⁷σ^a σ^c ▷d^a lithospheric delamination ΔL መ^c „p⁰4²C^a (Whalen et al., 2010). CLΔ^a σ^c „d²h⁶b⁷c⁸ >R^c ca. 720 Ma basaltic ‘Franklin’ ኮ-⁷u⁸2^c, p²g⁷σ^c ል²g^a U^c R^c ▷L^a Ordovician limestone strata (Blackadar, 1967).

በL^c መ^c „b^a ለR^a6⁴Y⁷ σ⁰Г ▷A⁶Q^a L^a R⁸ <R^a σ^c ል²g^a ΔL ▷L^a THO. መC⁶Р^aσ⁶ <R^a መ&8σ^a, „d²h⁶b⁷c⁸ 3-4 „p⁰4²C^a ▷L^a R^a2⁷σ^c, Δ²L^a R⁷L^c ለR^a2⁷6⁴Y⁷2⁶2^aσ^c ል²g^a <R^a σ^c ▷a Meta Incognita microcontinent ▷R^a Rae craton ΔL ▷L^a d^aσ^a σ^c ▷d^a ca. 1880-Г^c 1865-Л^c Ma (St-Onge et al., 2006). ▷a መ^c ል²g^a <R^a σ^c ▷L^a R⁷ <R^a 2⁶6⁴Y⁷2⁶2^aσ^c ለR^a2⁷6⁴2^c σ^c ል²g^a R^a2⁷2^aσ^c, p²g⁷σ^c ለC⁶Р^aσ^c ΓР^cσ^c መ^c <R^a 2⁶6⁴2^c <R^a σ^c (L^c <R^a CLσ^c ል²g^a <R^a σ^c) CLσ^c (St-Onge et al., 2009). ▷A⁶Q^aσ^c መ^c >R^a <R^a σ^c ▷R^a <R^a σ^c σ^c ክ^aσ^c Piling Group, C^a መ^c Δ²6⁴6⁶2^c <R^a, Δ²6⁷σ^c ΔL^a <R^a σ^c ▷L^a R^a2⁷CL^c <R^a, <R^a CL^c መ^c <R^a σ^c Δ²6⁴2⁷CL^c <R^a መ^c <R^a σ^c. σ^c R^a2⁷CL^c <R^a σ^c ▷R^a <R^a σ^c ▷A⁶Q^a ክ^aσ^c Lake Harbour Group, C^a መ^c ▷L^a R^a2⁷CL^c <R^a σ^c Δ²6⁴2⁷CL^c <R^a, p²g⁷σ^c ▷A⁶Q^a CLσ^c <R^a σ^c ▷L^a R^a2⁷CL^c <R^a σ^c basal orthoquartzite ΔL ΔLΔ^cσ^c &C⁶Р^aσ^c iron-formation ΔL metagreywacke. CL^a መ^c ▷A⁶Q^a CLσ^c <R^a σ^c Δ²6⁴2⁷CL^c <R^a σ^c „d²h⁶b⁷c⁸ CLσ^c &C⁶Р^aσ^c (level 3) <R^a σ^c <R^a σ^c ▷L^a CLσ^c <R^a σ^c Cumberland batholith (St-Onge et al., 2007). 2015-Г^c <R^a <R^a σ^c <R^a σ^c <R^a σ^c <R^a σ^c <R^a σ^c ▷L^a <R^a σ^c <R^a σ^c.

‘**Soper River**’ 2–3 ‘**Rae-Meta Incognita**’ 2–3 & **Churchill plate**, Superior craton 1820 Ma, 1795 Ma, 1842 Ma, 1845 Ma, 1998), **syn-metamorphic amphibolite-facies** **granulite-facies** metamorphic foliation (St-Onge et al., 2007).

‘**Bergeron**’ 1–2 ‘**Superior craton**’ Churchill plate, peri-Churchill collage), **retrograde amphibolite-facies** **metasedimentary rocks** **tonalite** K-feldspar porphyritic.

TECTONOSTRATIGRAPHIC ΔΙΕΓΩΣΗ

‘**Sylvia Grinnell Lake-Clearwater Fiord**’ 8–σ Archean crystalline 2015 **silicic compositions** mafic-γ **monzogranite**, **gabbro** syenogranite. **enclaves**, screens, panels **metasedimentary strata**.

Paleoproterozoic metasedimentary **quartzite**, semipelitic, pelitic, marble, **greywacke** **enclaves**, **screens**, **panels** **metasedimentary strata**.

‘**metaplutonic** **silicic** compositions. **U-Pb** **Cumberland batholith.**

የኢትዮጵያ, ገዢዎችና የስራ አፍሪካውያን ተሸጋል mafic dykes ልዩ ስርዓቶች ማረጋገጫ
Ordovician limestone መሠረታዊ የሆነ የሚከተሉት ስምምነት ሲሆን Sylvia Grinnell Lake–Clearwater
Fiord area.

Archean crystalline basement ($\Delta \text{C}^{\text{b}}\text{d}^{\text{a}}\text{S}^{\text{r}}\Delta$ At–Amm)

Paleoproterozoic metasedimentary ($\Delta\dot{\zeta}\text{ }\delta\text{ }\dot{\alpha}\text{ }\dot{\gamma}\text{ }\Delta$ PLHq-PPL)

Quartzite, semipelitic & L pelite, psammite ($\Delta \dot{c}^{\circ} \text{d}^{\circ} \text{sh}^{\circ}$ PLHq–PLHp)

Marble and calc-silicate ($\Delta \dot{C}_H$ PLHc)

magnetite, phlogopite, scapolite, spodumene, titanite, Mg^{+} tremolite (ՀԱՅԱ 3e). CL $_{\text{d}}$ Mg^{+} Fe^{+} Ca^{+} Mn^{+} Mg^{+} Fe^{+} tectonostratigraphically ՀԱՅԱ 3f. Lake Harbour Group Mg^{+} Fe^{+} siliciclastic units Mg^{+} Fe^{+} Ca^{+} Mn^{+} Mg^{+} Fe^{+} .

Metagreywacke ($\Delta \text{C}^{\text{b}} \text{d}^{\text{a}} \text{s}^{\text{c}}$ PPL)

Metagreywacke Mg^{+} Fe^{+} Ca^{+} Mn^{+} Mg^{+} Fe^{+} biotite monzogranite (ՀԱՅԱ 3f). Mg^{+} Fe^{+} greywacke Mg^{+} Fe^{+} Ca^{+} Mn^{+} Mg^{+} Fe^{+} Lake Harbour Group Mg^{+} Fe^{+} Ca^{+} Mn^{+} Mg^{+} Fe^{+} Longstaff Bluff Mg^{+} Fe^{+} Ca^{+} Mn^{+} Mg^{+} Fe^{+} Piling Group Mg^{+} Fe^{+} Ca^{+} Mn^{+} (Wodicka et al., 2014), Mg^{+} Fe^{+} Ca^{+} Mn^{+} granitoid- Mg^{+} Fe^{+} .

Paleoproterozoic mafic-ultramafic sills ($\Delta \text{C}^{\text{b}} \text{d}^{\text{a}} \text{s}^{\text{c}}$ PLHu-PLHd)

Mg^{+} Fe^{+} Ca^{+} Mn^{+} Mg^{+} Fe^{+} ultramafic rocks Mg^{+} Fe^{+} Ca^{+} Mn^{+} (Liikane et al., 2015) Mg^{+} Fe^{+} siliciclastic strata Mg^{+} Fe^{+} Ca^{+} Mn^{+} Mg^{+} Fe^{+} 10-20 m , Mg^{+} Fe^{+} Ca^{+} Mn^{+} Mg^{+} Fe^{+} 100 m Mg^{+} Fe^{+} Ca^{+} Mn^{+} Mg^{+} Fe^{+} their host metasedimentary units, Mg^{+} Fe^{+} Ca^{+} Mn^{+} Mg^{+} Fe^{+} clinopyroxene-orthopyroxene±hornblende metapyroxenite Mg^{+} Fe^{+} (ՀԱՅԱ 4a), Mg^{+} Fe^{+} Ca^{+} Mn^{+} olivine-clinopyroxene-orthopyroxene metaperidotite Mg^{+} metagabbro Mg^{+} metaleucogabbro up section (ՀԱՅԱ 4b). Mg^{+} Fe^{+} , Ca^{+} Mn^{+} Mg^{+} Fe^{+} MSC thesis Mg^{+} Fe^{+} petrology, geochemistry, Mg^{+} geochronology Mg^{+} Fe^{+} Raglan Ni-Cu deposit (ՀԱՅԱ 2). Mg^{+} Fe^{+} Ca^{+} Mn^{+} Mg^{+} Fe^{+} mafic-ultramafic Mg^{+} Fe^{+} Liikane et al. (2015).

Paleoproterozoic metaplutonic suite ($\Delta \text{C}^{\text{b}} \text{d}^{\text{a}} \text{s}^{\text{c}}$ Pg-Psb)

Gabbro ($\Delta \text{C}^{\text{b}} \text{d}^{\text{a}} \text{s}^{\text{c}}$ Pg)

Mg^{+} Fe^{+} Ca^{+} Mn^{+} Mg^{+} pegmatitic, kilometre-scale, layered biotite-clinopyroxene-magnetite±hornblende gabbro plutons Mg^{+} Fe^{+} Sylvia Grinnell Lake-Clearwater Fiord Mg^{+} . Mg^{+} Fe^{+} plutons Mg^{+} Fe^{+} clinopyroxene-bearing anorthosite.

Quartz diorite ($\Delta \text{C}^{\text{b}} \text{d}^{\text{a}} \text{s}^{\text{c}}$ Pg)

Quartz diorite Mg^{+} Fe^{+} Ca^{+} Mn^{+} Mg^{+} Fe^{+} biotite-clinopyroxene-orthopyroxene±hornblende. Mg^{+} Fe^{+} Ca^{+} Mn^{+} Mg^{+} Fe^{+} plutons Mg^{+} Fe^{+} Ca^{+} Mn^{+} Mg^{+} Fe^{+} .

ՀԱՅԱՍՏԱՆԻ հողագոյնության մեջ բարձրացնելու համար առաջին համար կատարված է կազմակերպությունը (ՀԱՅԱՍՏԱՆԻ 5a). Մասնաւոր է մագնետիտի առաջնականությունը և առաջնականությունը է պատճենագույն մագնետիտի համար (ՀԱՅԱՍՏԱՆԻ 5b).

Biotite granodiorite ($\Delta\dot{c}^{\dot{b}}\dot{d}^{\dot{a}}\dot{s}\dot{r}^{\dot{c}}$ Pgo)

ՀԱՅԱՍՏԱՆԻ բարձրացնելու համար կատարված է կազմակերպությունը (ՀԱՅԱՍՏԱՆԻ 5c). Հայաստանում առաջնական է բարձրացնելու համար պատճենագույն մագնետիտի առաջնականությունը.

K-feldspar megacrystic biotite monzogranite ($\Delta\dot{c}^{\dot{b}}\dot{d}^{\dot{a}}\dot{s}\dot{r}^{\dot{c}}$ Pmo, Pms, Pmh)

ՀԱՅԱՍՏԱՆԻ բարձրացնելու համար կատարված է կազմակերպությունը (ՀԱՅԱՍՏԱՆԻ 5d). Հայաստանում առաջնական է բարձրացնելու համար պատճենագույն մագնետիտի առաջնականությունը. Կ-ֆելդսպարի մագաքրերը (ovoid alkali feldspar) կազմակերպությունը (plagioclase feldspar; ՀԱՅԱՍՏԱՆԻ 5b). Հայաստանում առաջնական է բարձրացնելու համար պատճենագույն մագնետիտի առաջնականությունը (ՀԱՅԱՍՏԱՆԻ 5c). Հայաստանում առաջնական է բարձրացնելու համար պատճենագույն մագնետիտի առաջնականությունը.

Biotite monzogranite ($\Delta\dot{c}^{\dot{b}}\dot{d}^{\dot{a}}\dot{s}\dot{r}^{\dot{c}}$ Pmb)

ՀԱՅԱՍՏԱՆԻ բարձրացնելու համար կատարված է կազմակերպությունը (ՀԱՅԱՍՏԱՆԻ 5d). Հայաստանում առաջնական է բարձրացնելու համար պատճենագույն մագնետիտի առաջնականությունը (ՀԱՅԱՍՏԱՆԻ 5e). Հայաստանում առաջնական է բարձրացնելու համար պատճենագույն մագնետիտի առաջնականությունը (ՀԱՅԱՍՏԱՆԻ 5f). Հայաստանում առաջնական է բարձրացնելու համար պատճենագույն մագնետիտի առաջնականությունը (ՀԱՅԱՍՏԱՆԻ 5g).

Garnet-biotite monzogranite ($\Delta\dot{c}^{\dot{b}}\dot{d}^{\dot{a}}\dot{s}\dot{r}^{\dot{c}}$ Pmg)

ՀԱՅԱՍՏԱՆԻ բարձրացնելու համար կատարված է կազմակերպությունը (ՀԱՅԱՍՏԱՆԻ 5d). Հայաստանում առաջնական է բարձրացնելու համար պատճենագույն մագնետիտի առաջնականությունը (ՀԱՅԱՍՏԱՆԻ 5e). Հայաստանում առաջնական է բարձրացնելու համար պատճենագույն մագնետիտի առաջնականությունը (ՀԱՅԱՍՏԱՆԻ 5f). Հայաստանում առաջնական է բարձրացնելու համար պատճենագույն մագնետիտի առաջնականությունը (ՀԱՅԱՍՏԱՆԻ 5g).

Garnet-sillimanite leucogranite ($\Delta\dot{c}^{\dot{b}}\dot{d}^{\dot{a}}\dot{s}\dot{r}^{\dot{c}}$ PLHw)

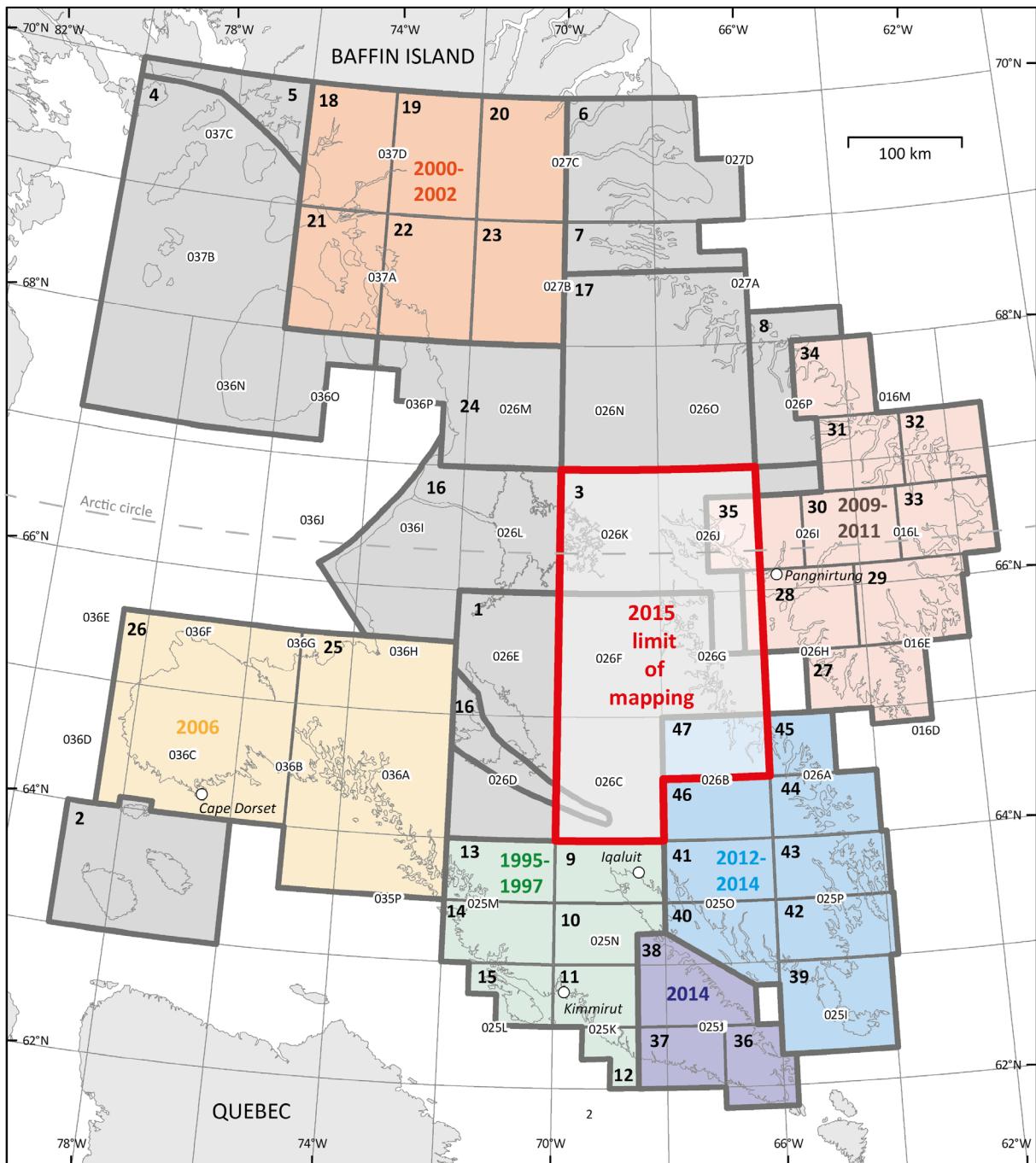
ՀԱՅԱՍՏԱՆԻ բարձրացնելու համար կատարված է կազմակերպությունը (ՀԱՅԱՍՏԱՆԻ 5d). Հայաստանում առաջնական է բարձրացնելու համար պատճենագույն մագնետիտի առաջնականությունը (ՀԱՅԱՍՏԱՆԻ 5e). Հայաստանում առաջնական է բարձրացնելու համար պատճենագույն մագնետիտի առաջնականությունը (ՀԱՅԱՍՏԱՆԻ 5f). Հայաստանում առաջնական է բարձրացնելու համար պատճենագույն մագնետիտի առաջնականությունը (ՀԱՅԱՍՏԱՆԻ 5g).

Biotite syenogranite ($\Delta\dot{\zeta}^b\dot{\delta}^a\dot{\zeta}\dot{\kappa}^b$ Psb)

Basaltic dykes ($\Delta \dot{c}^{\circ} \text{d}^{\circ} \text{N} \Delta$ McD, Nd)

Limestone ($\Delta \dot{\text{c}}^{\text{b}} \text{d}^{\text{a}} \text{l}^{\text{c}} \text{e}^{\text{b}}$ OA)

EQUILIBRIUM PHASE DIAGRAMS



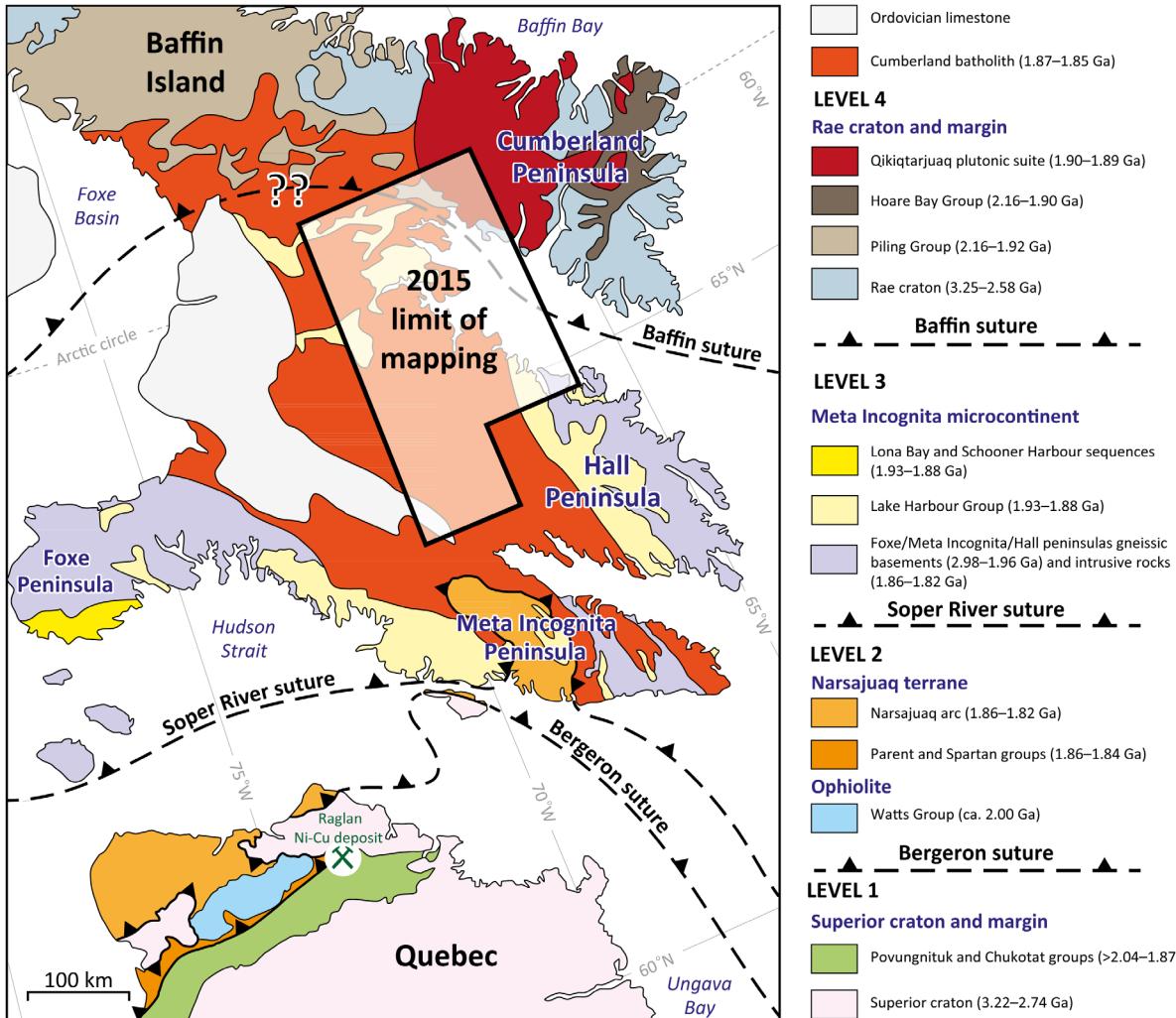
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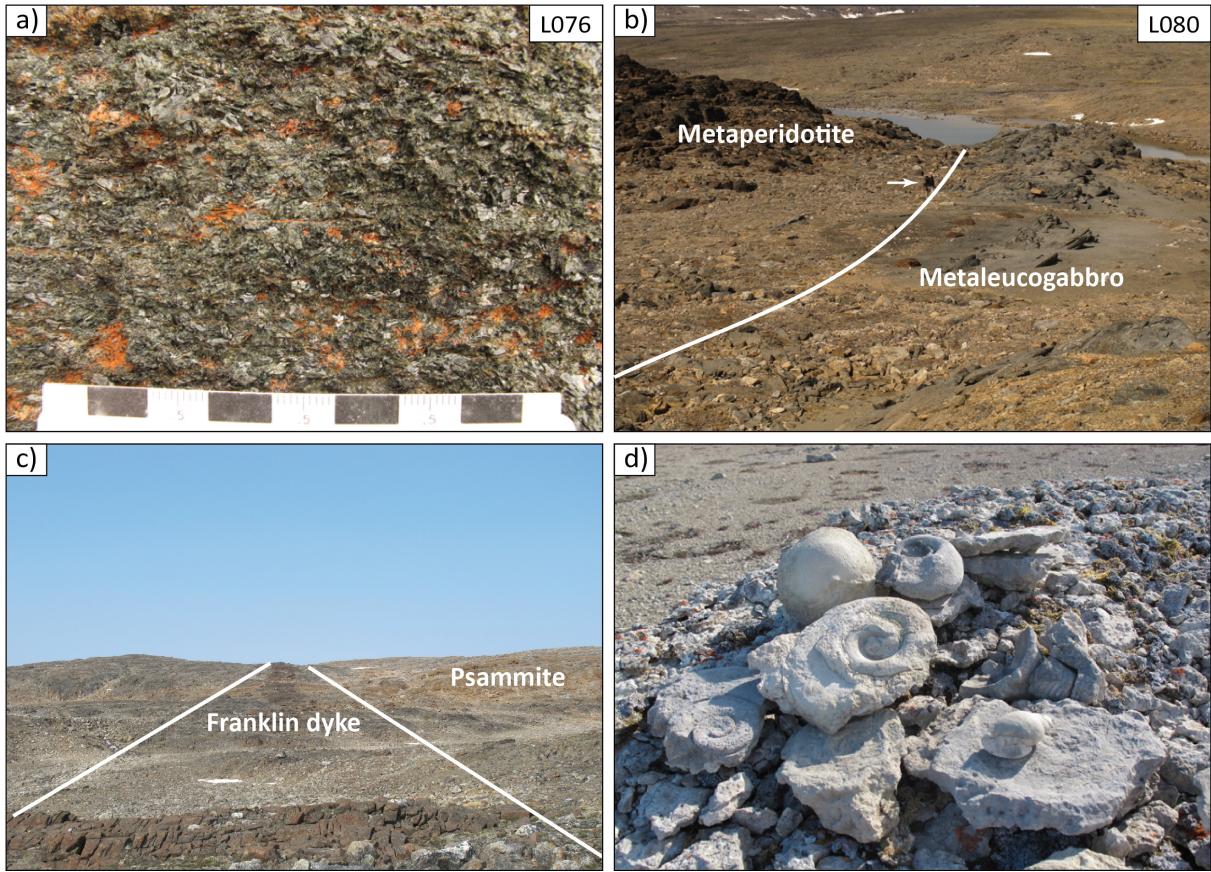
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2. ՀԱՅԱՀԱՆԻ 2. ՀՊՐՎԱԿԵՐՎՈՐԴՎՈՒԹՅՈՒՆ ՄՈՋԱԿ ՄԶԱՍ ՄԶԱԼԻՆ ԺՀԱՀԵՑ ԲՀԲԲՀԵՑ ԱՀՐՆԵՆ
Trans-Hudson Orogen (ՀԱՅԱՀԱՆԻ ՀՈՎՐԴՎՈՒԹՅՈՒՆ ԲԱԺՏԱՀԿ Տառապություն, 2007),
ՀՃԱԴՈՒՐԴՎՈՒԼԵԼ ՀԱՅԱՀԱՆԻ ՏԱՐԱՎՈՐ ՀԱՅԱՀԱՆԻ ԱՀԱՄ ՄԶԱԾ ԵՇՈՄՈՐ. ՄԶԱԼԻՆ ՀՃԱԴՈՒՐԴՎՈՒԹՅՈՒՆ
ՀԱՅԱՀԱՆԻ ՄԶԱԾ ՀՇՀՄՈՎ ՀԱՅԱՀԱՆԻ ՏՐԱՔԵՎՈՒԴԵՐ ԲԲԲԵՑ, ԵՎԱԴԿԵՐՎՈՒԹՅՈՒՆ ԲԲՏԿԵՐՈՂ.



3. ልንጂዬታና ሪፖርት የሚከተሉበት ሰነድ በመሆኑ ስምምነት እንደረዳል፡ ማስቀመጥ የሚከተሉበት ሰነድ በመሆኑ ስምምነት እንደረዳል፡ a) 10 m ሪፖርት የሚከተሉበት ሰነድ በመሆኑ ስምምነት እንደረዳል፡ b) የሚከተሉበት ሰነድ በመሆኑ ስምምነት እንደረዳል፡ c) ሪፖርት የሚከተሉበት 1–2 cm ሲሆን ሰነድ በመሆኑ ስምምነት እንደረዳል፡ d) የሚከተሉበት ሰነድ በመሆኑ ስምምነት እንደረዳል፡ e) አገልግሎት ሰነድ በመሆኑ ስምምነት እንደረዳል፡ f) የሚከተሉበት ሰነድ በመሆኑ ስምምነት እንደረዳል፡



4. ፋኞች ሚሮ ገዢ ዘመኑ ስራ በኋላ ፈንሰት ማኅበርና መሰረታዊ ስምምነት ማዣስ እና ቤትት የሚመለከት ሰነድ በጥቅምት መደረግ የሚመለከት ነው በምኔ አንቀጽ ይሞላል፡፡ መጠና የምኔ አንቀጽ ይሞላል፡፡ እንደሁሉም ማረጋገጫ መዝግቦ ስምምነት ይሞላል፡፡ የምኔ ደንብ መዘግበ አንቀጽ ማኅበርና መሰረታዊ ስምምነት ይሞላል፡፡ እንደሁሉም የምኔ ደንብ መዘግበ አንቀጽ ማኅበርና መሰረታዊ ስምምነት ይሞላል፡፡

a) ንብረቴ ኢትዮጵያ ማኅበርና መዝግበ መሰረታዊ ስምምነት ይሞላል፡፡ እንደሁሉም ማረጋገጫ መዝግቦ ስምምነት ይሞላል፡፡ የምኔ ደንብ መዘግበ አንቀጽ ማኅበርና መሰረታዊ ስምምነት ይሞላል፡፡ b) ንብረቴ ኢትዮጵያ ማኅበርና መዝግበ መሰረታዊ ስምምነት ይሞላል፡፡ እንደሁሉም ማረጋገጫ መዝግቦ ስምምነት ይሞላል፡፡ c) ንብረቴ ኢትዮጵያ ማኅበርና መዝግበ መሰረታዊ ስምምነት ይሞላል፡፡ እንደሁሉም ማረጋገጫ መዝግቦ ስምምነት ይሞላል፡፡ d) ንብረቴ ኢትዮጵያ ማኅበርና መዝግበ መሰረታዊ ስምምነት ይሞላል፡፡ እንደሁሉም ማረጋገጫ መዝግቦ ስምምነት ይሞላል፡፡

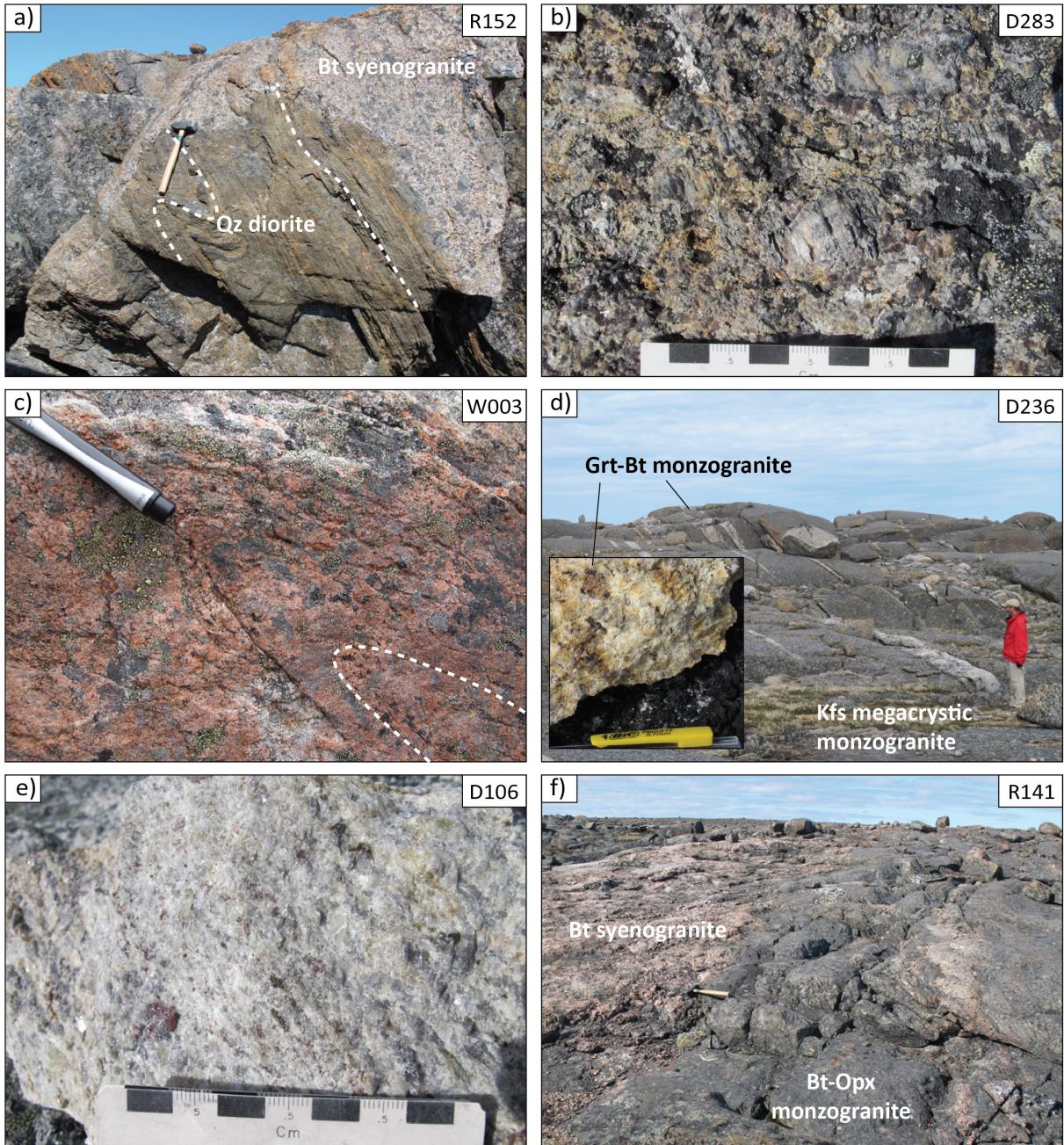
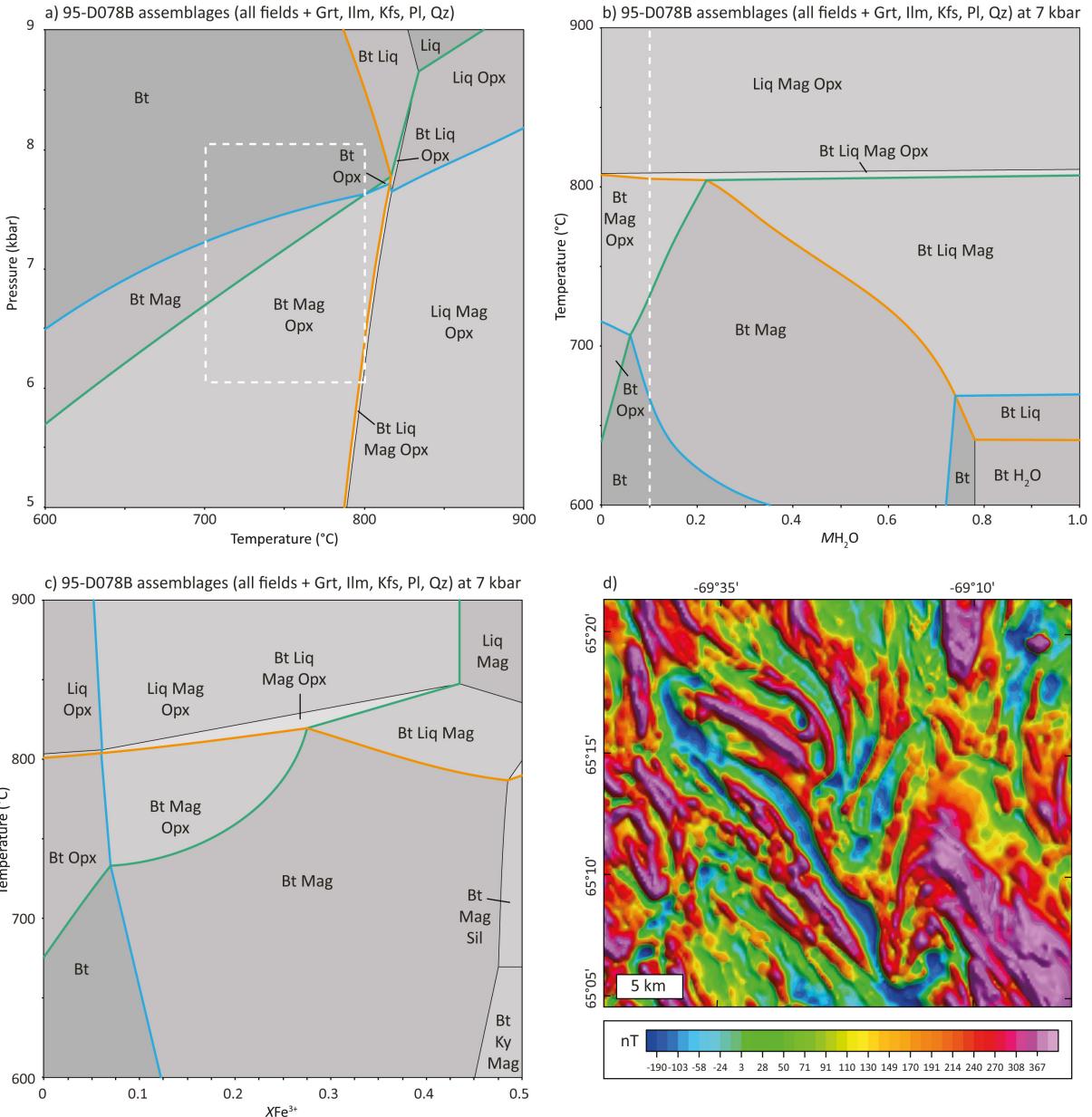


Figure 5. ፩. የጠረፈናይሬት ልማት በሚሸፍበት መግላጫዎች ማስታወሻ የሚከተሉትን በርሃን የሚከተሉትን በርሃን እንደሚከተሉት ስም ተመዝግበዋል፡፡ a) የጠረፈናይሬት ልማት የሚከተሉትን የሚከተሉትን በርሃን እንደሚከተሉት ስም ተመዝግበዋል፡፡ b) የሚከተሉትን በርሃን እንደሚከተሉት ስም ተመዝግበዋል፡፡ c) የሚከተሉትን በርሃን እንደሚከተሉት ስም ተመዝግበዋል፡፡ d) የሚከተሉትን በርሃን እንደሚከተሉት ስም ተመዝግበዋል፡፡ e) የሚከተሉትን በርሃን እንደሚከተሉት ስም ተመዝግበዋል፡፡ f) የሚከተሉትን በርሃን እንደሚከተሉት ስም ተመዝግበዋል፡፡



6. 95-D078B assemblages (all fields + Grt, Ilm, Kfs, Pl, Qz) at 7 kbar: a) P-T; b) T- MH_2O ; c) T- $X\text{Fe}^{3+}$; d) magnetic anomalies. Biotite±magnetite±orthopyroxene monzogranite.

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