ᓄᑖᑦ ᖃᓄᐃᓕᐅᕐᑕᐅᓂᐊᕐᑐᑦ ᐊᒃᑐᐊᔪᑦ 2016 ᓄᓇᕗᑦ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐱᔪᓐᓇᐅᑎᖓᓂ 02 023 16R-M:

ᐱᓕᕆᐊᑦ ᑕᐅᔭᐃᓂᖓ: ᖃᐅᔨᓴᕐᑕᐅᓂᖓ ᖁᑦᑎᒃᑐᒥ ᐅᑭᐅᕐᑕᕐᑐᒥ ᖁᐊᖑᓂᖓ ᓄᓇᐅᑦ ᐊᓯᓪᓕᕐᐸᓪᓕᐊᓂᖓ ᓯᓚᐅᑦ ᐊᓯᓪᓕᕐᐸᓪᓕᐊᓂᖓᓄᑦ
ᖃᐅᔨᓴᕐᑎ: Dᓘᒃᑖᖅ. ᕗᐊᐃᓐ ᐳᓪᓚᕐ, ᐃᔨᓴᐃᔨᒻᒪᕆᒃ, ᓄᓇᒦᑦᑐᓕᕆᓂᕐᒧᑦ ᒪᒋᐅ1 ᐃᓕᓐᓂᐊᕐᕕᒃᔪᐊᖓᓂ , McGill University, 805 Sherbrooke St. W. Montreal, Quebec. H3A 0B9

ᖃᓄᐃᓕᖓᓕᕐᒪᖔᑦ ᐱᓕᕆᐊᖑᔪᖅ:
ᑲᔪᒍ·ᓇᕐᑐᖅ ᑖᓐᓇ ᐱᓕᕆᐊᖑᔪᖅ ᖃᐅᔨᓇᓱᒃᑐᑦ ᓄᓇᕐᔪᐊᕐᒥ ᐅᕐᕐᑯᓯᕙᓪᓕᐊᑎᓪᓗᒍ, ᐱᓗᐊᕐᑐᒥᒃ ᐊᐅᔭᒃᑯᑦ ᐅᕐᕐᑯᓂᕐᓴᐅᓕᕐᑎᓪᓗᒍ, ᐃᒃᐱᒃᓇᐅᑎᓂᖓ ᖁᑦᑎᒃᑐᒥ ᐅᑭᐅᕐᑕᕐᑐᒥ ᖁᐊᖑᓂᖓ ᓄᓇᐅᑦ, ᓄᓇᐃᓪᓗ ᐊᒻᒪᓗ ᐱᖁᑎᒋᔭᐅᔪᑦ. ᑎᓴᒪᐅᓕᖓᓪᓗᓂ ᑐᕋᒐᐅᔪᑦ ᐅᑯᐊ: (11) ᓇᓗᓇᐃᕐᓗᒍ ᐊᒻᒪᓗ ᐅᒃᑐᕐᓗᒍ ᖃᓄᑎᒋ ᐊᓯᓪᓕᕐᐸᓪᓕᐊᑎᒋᒃᒪᖔᑦ ᓄᓇᖓ (ᓇᑎᕐᓇᖅ, ᓯᐅᕋᐅᓂᖓ, ᑕᓯᕋᐅᓂᖓ, ᓯᒃᔭᖓᓗ), (2) ᖃᐅᔨᓴᕐᓗᒋᑦ ᖃᓄᑎᒋ ᐊᔾᔨᒋᖕᒋᑎᒋᒃᒪᖔᑕ ᐊᕙᑖᓃᑦᑐᑦ, (3) ᖃᐅᔨᓇᓱᒃᓗᒍ ᓄᓇᐅᑦ ᐃᓗᐊᓂ ᖁᐊᖑᓂᖓ ᖃᓄᑎᒌᒃᒪᖔᑦ ᖃᓄᕐᓗ ᐊᓯᓪᓕᕐᐸᓪᓕᐊᑎᒋᒃᒪᖔᑦ ᓯᓚᐅᑦ ᐊᓯᓪᓕᕐᐸᓪᓕᐊᓂᖓᓄᑦ, (4) ᓄᓇ ᖃᓄᑎᒋ ᐊᓯᓪᓕᕐᐸᓪᓕᐊᑎᒋᒃᒪᖔᑦ ᐅᕐᕐᑯᓯᕙᓪᓕᐊᑎᓪᓗᒍ ᐊᒻᒪᓗ ᖁᐊᖑᓂᖓ ᐊᐅᒃᐸᓪᓕᐊᑎᓪᓗᒍ. ᐱᖃᑕ ᑐᕋᒐᐅᔪᖅ ᖃᐅᔨᓇᓱᒃᓗᒍ ᖃᓄᑎᒋ ᐊᓯᓪᓕᕐᓂᐅᔪᑦ ᐃᒃᐱᒃᓇᐅᑎᖃᕐᒪᖔᑕ ᐅᕐᓱᐊᓗᕈᔪᖃᕐᑐᑦ ᒪᓂᕐᖓ. ᖃᐅᔨᔭᐅᔪᑦ ᖃᐅᔨᓴᕐᑎᓪᓗᒋᑦ ᑐᑭᓯᕙᓪᓕᕈᑕᐅᓂᐊᕐᒪᑕ ᖃᓄᕐ ᓯᓚᐅᑦ ᐊᓯᓪᓕᕐᐸᓪᓕᐊᓂᖓ ᐊᒻᒪᓗ ᓄᓇᐅᑦ ᖁᐊᖑᓂᖓ ᐊᒃᑐᐃᓂᖃᕐᒪᖔᑦ ᖃᐅᔨᒪᐅᔾᔪᑕᐅᓂᐊᕐᒪᑦ ᓯᕗᓂᒃᓴᒧᑦ ᖃᓄᐃᓕᒐᔭᕐᓂᖓᓂᒃ ᐊᓯᓪᓕᕐᓂᐅᔪᑦ. ᐊᒻᒪᓗᑦᑕᐅᖅ ᖃᐅᔨᓴᕐᕕᐅᔪᑦ ᓄᓇᐃᑦ ᑎᑎᕋᕐᓯᒪᔪᑦ ᐱᔪᓐᓇᐅᑎᖓᓂ (ᐃᐅᓕᒃ ᐊᒻᒪᓗ ᑲᖏᕐᓱᖓᓂ Expedition Fiord) ᐃᓚᔪᒪᓪᓗᒍ ᖃᐅᓯᐃᑦᑐᖅ ᓄᓇᓕᖓ ᓄᓇᖓ ᖃᓂᒋᔭᖓ ᖃᐅᔨᓴᕐᓗᒍ. ᖃᐅᓯᐃᑦᑐᖅ ᑎᑎᕋᕐᑕᐅᓯᒪᒃᒪᑦ ᐱᕙᓪᓕᐊᓂᖓ ᓯᓚᐅᓪᓗ ᖃᓄᐃᓕᖓᓂᖓ ᑎᑎᕋᕐᑕᐅᓯᓪᓗᓂ. ᐱᓕᕆᐊᕆᕋᔭᕐᑕᒃᑲ ᖃᐅᓯᐃᑦᑐᒥ ᓄᓇᖓ ᖃᐅᔨᓴᕐᓗᒍ ᓇᓗᓇᐃᕋᓱᒃᓗᒍ ᓇᒥ ᓄᓇᐅᑦ ᖁᐊᖑᓂᖓ ᓯᕋᒃᐸᓪᓕᐊᖏᒻᒪᖔᑦ ᐊᒻᒪᓗ ᐃᓚᖏᑦ ᓄᓇᐃᑦ ᐊᓯᓪᓕᕐᐸᓪᓕᐊᓪᓗᑎᒃ ᓄᓇᐅᑦ ᖁᐊᖑᓂᖓᑕ ᐊᐅᒃᐸᓪᓕᐊᓂᖓ ᐱᒋᐊᕐᓂᖓᓂᑦ. ᓂᓚᐅᓂᖓ ᓴᕿᐸᓪᓕᐊᔪᖅ ᓄᓇᒥᑦ, ᒪᓂᕋᖓ ᓯᕕᖓᓂᖓᓗ ᖃᐅᔨᓴᕐᑕᐅᓗᓂ. ᐅᒃᑐᕋᕐᑕᐅᓗᓂ ᐊᑐᕐᓗᒍ ᑕᒻᒪᕆᒃᑯᑎ ᐊᒻᒪᓗ ᒪᓂᕋᕐᐅᑦ ᐃᓗᐊᓄᑦ ᖃᐅᔨᓴᐅᑎ ᐊᒻᒪᓗ ᐃᓗᑦᑐᑦᑎᑦᑎᑲᑕᒃᓗᓂ ᐊᒻᒪᓗ ᐱᕈᕐᑐᐃᑦ ᓇᒦᒻᒪᖔᑕ. ᖃᐅᔨᓴᕐᕕᐅᓂᐊᕐᑐᖅ ᐊᑭᓐᓇᖓᓂ ᓄᓇᓕᐅᑦ. ᐱᒧᓐᓇᐅᑎᖓᓂ ᓯᕗᓪᓕᕐᒥ ᐅᖃᕐᓯᒪᒪᒪ ᓄᑕᖑᕆᐊᕐᕋᓱᒃᓗᒍ ᑖᓐᓇ ᖃᐅᔨᓴᕐᓂᐅᔪᖅ ᐃᓕᓐᓂᐊᕐᑎᑦᑎᓂᖃᕐᓂᐊᕐᒪᑦ ᐃᓕᓐᓂᐊᕐᑎᐅᔪᒥᒃ ᐊᔾᔨᒌᖏᑦᑐᓂᒃ. ᑖᓐᓇ ᐱᓪᓗᒍ ᐃᓕᓐᓂᐊᕐᑎᑦᑎᓂᖓ ᐃᓚᒃᑲᓐᓂᕈᒪᓪᓗᒍ ᐱᖃᓯᐅᑎᓗᒍ ᑕᓪᓕᒪᐃᑦ (5) ᐃᓕᓐᓂᐊᕐᑎᐅᔪᑦ ᖃᐅᔨᓴᕐᓂᐅᔪᒥᒃ ᖃᐅᓯᐃᑦᑐᒥ ᐃᓚᐅᓂᐊᕐᑐᑦ. ᐃᓕᓐᓂᐊᕐᑎᑕᐅᓂᐊᕐᑐᑦ ᑐᕈᓯᓇᓱᒃᓗᒍ ᖃᓄᕐ ᓄᓇᐅᑦ ᖁᐊᖑᓂᖓ ᐊᐅᓚᓂᖓ ᐊᒻᒪᓗ ᐊᑐᑎᖃᕐᓂᖓ ᓯᓚᐅ ᐅᕐᕐᑯᓯᕙᓪᓕᐊᓂᖓ ᐃᒃᐱᒃᓇᐅᑎᖃᕐᓂᖓᓂᒃ ᖁᐊᖑᓂᖓᓄᑦ. ᖃᐅᓯᐃᑦᑐᒥ ᐱᓕᕆᐊᖑᔪᑦ ᑕᕿᖓᓂ ᐋᒋᓯ ᑕᕙᓂᓗ ᖃᐅᔨᓴᕐᑐᓂᒃ ᐃᑲᔪᕐᑐᐃᕕᒃᒥᑦ Polar Continental Shelf Program facility.

2016 ᖃᐅᔨᓴᕐᑎᐅᔪᑦ:
ᕗᐊᐃᓐ ᐳᓪᓚᕐ Wayne Pollard (PI), ᑯᓇᔅ ᐋᒥᓚᓐ Chris Omelon, ᑕᐃᐅᑦ ᐋᓐᑐᓴᓐ Dale Andersen, ᕼᐊᓐᔅ ᓚᕐᔅᓴᓐ Hans Larsson (ᑭᖑᕕᕐᑕᖓ ᑎᓃᔅ ᓚᓯᐅᑦ Denis Lacelle), ᒪᐃᑯ ᑎᒻᐳᑕᓐ Michael Templeton (M.Sc.), ᒥᓕᓯ ᕗᐊᑦ Melissa Ward (Ph.D.) ᐊᒻᒪᓗ ᐃᑲᔪᕐᑎᐅᔪᑦ ᐃᓕᓐᓂᐊᕐᕕᒃᔪᐊᕐᒥᑦ ᑲᓚᐅ ᐳᕐᓇᕐᑦ Claire Bernard. ᐃᓕᓐᓂᐊᕐᕕᒃᔪᐊᕐᒥᑦ ᐱᒋᐊᕐᑕᐅᓂᖓᓄᑦ ᐱᖃᓯᐅᔾᔨᔪᒪᒪᑦᑕ 6 –ᓂᒃ ᐃᓕᓐᓂᐊᕐᑎᐅᔪᓂᒃ ᖃᐅᔨᓴᖃᑕᐅᓂᐊᕐᑐᓂᒃ.

2016 ᐱᓕᕆᐊᖑᓂᐊᕐᑐᑦ ᖃᖓᒃᑰᖓᓂᖓ:
ᓱᕋᖏᑦᑐᖅ 1 ᐸᕐᓇᐅᑎᒋᔭᕗᑦ ᔪᓚᐃ 15 – ᐋᒋᓯ 30.

2016 ᓄᓇᐃᑦ ᐅᐸᒃᑕᐅᖃᑦᑕᕐᓂᐊᕐᑐᑦ :
ᐱᖃᓯᐅᑎᓗᒋᑦ ᐃᐅᓛᒃᒥᑦᑐᑦ ᐅᐃᕙᖓᓂ Fosheim Peninsula, ᕿᑭᕐᑕᒥ Ellesmere Island (80º00’N 85º95’W), ᐊᒻᒪᓗ ᑲᖏᓪᓗᐊᑕ ᓄᓇᖓᓂ Expedition Fiord area,ᕿᑭᕐᑕᖓᓂ Axel Heiberg Island (79º25’N; 90º45’W). ᐱᖃᓯᐅᑎᓗᒍᓗ ᖃᐅᓯᐃᑦᑐᖅ ᓄᓇᓕᖓᑕ ᖃᓂᒋᔭᖓ Resolute Bay area, ᐊᑭᓐᓇᖓᓂ ᓄᓇᓕᐅᑦ (74 °45’N; 94°59”W)

ᑭᓇᐅᔭᖅᑲᕐᑎᑦᑎᔪᑦ:
ᓇᓂᓯᓂᕐᒧᑦ ᐃᑲᔪᑕᐅᔪᑦ ᑭᒃᓕᓯᓂᐊᕐᓂᕐᒧᑦ ᖃᐅᔨᓴᕐᓂᕐᒧᓪᓗ ᑲᑎᒪᔨᖏᑦ Natural Science and Engineering Research Council (NSERC). ᐃᓗᓕᖏᓐᓂᒃ ᐊᐅᓚᓂᖓᓂᒃᓗ ᐃᑲᔪᕐᑐᐃᔪᑦ ᖃᐅᔨᓴᕐᑎᓄᑦ ᑲᔪᕐᑐᐃᕙᒃᑐᑦ Polar Continental Shelf Program