## ᓇᓗᓇᐃᔭᖅᓯᒪᓂᖏᑦ

1999–ᒥᑦ, ᖃᐅᔨᓴᖅᑎᕗᑦ ᐃᖅᑲᓇᐃᔭᖅᓯᒪᓕᖅᑐᑦ ᐅᔭᖅᑲᑐᖃᓗᓐᓂᑦ (375 ᒥᓕᐊᓐ ᐊᕐᕌᒍᓖᑦ) ᑲᓇᑕᒥ ᐅᑭᐅᑕᖅᑐᒥ ᐃᓂᖅᑐᑎᑦ ᐆᒪᔪᒥᓂᑐᖃᕐᓂᑦ ᐅᔭᕋᕈᖅᓯᒪᔪᓂᑦ ᖃᐅᔨᔭᔅᓴᐅᔪᓂᑦ ᓯᕗᓪᓕᖅᐹᒥᑦ ᐃᖃᓗᒃ ᐱᓱᑦᑎᓪᓗᒍ ᓄᓇᒃᑯᑦ. ᓇᓂᔭᐅᓂᖓ ᑎᒃᑕᓕᒃ ᕈᓴᐃ 2004–ᒥᑦ ᐅᕙᓂ Bird Fiord ᓂᒋᖓᓂ ᐊᐅᓱᐃᑦᑑᑉ ᕿᑭᖅᑖᓗᐊ ᓴᖅᑭᑎᑦᑎᓚᐅᖅᑐᑦ ᐱᒻᒪᕆᐅᓂᖏᓐᓄᑦ ᑖᒃᑯᐊ ᐅᔭᖅᑲᐃᑦ ᐊᒻᒪ ᐱᑕᖃᕐᓂᖏᓐᓄᑦ ᐆᒪᔪᒥᓂᑐᖃᐃᑦ. ᑖᓐᓇ ᐃᖅᑲᓇᐃᔭᕐᓂᐅᔪᖅ ᐅᖓᑕᐅᔾᔨᔪᖅ ᖃᐅᔨᓴᕐᓂᐅᔪᒥᑦ ᓄᑖᓄᑦ ᐊᕕᑦᑐᖅᓯᒪᔪᒥᑦ ᑐᑭᓯᒃᑲᓐᓂᕋᓱᐊᖅᑐᑎᒍ ᐆᒪᔪᐃᑦ ᐊᔾᔨᒌᖏᑦᑐᑦ ᐆᒪᓚᐅᖅᑐᑦ ᑕᒪᑐᒪᓂ ᐱᒻᒪᕆᐅᑎᓪᓗᒍ.

ᐅᔭᖅᑲᐃᑦ ᐊᕐᕌᒍᖏᑦ ᓈᒻᒪᑦᑐᑦ ᐊᒻᒪ ᖃᓄᐃᑑᓂᖏᑦ ᐃᓗᐊᓃᑦᑐᑦ ᐆᒪᔪᒥᓂᑐᖃᐃᑦ ᐱᐅᖅᓱᐊᖅᑕᐅᓯᒪᔪᑦ ᐅᐊᓐᓇᖓᑕ ᐱᖓᓐᓇᖓᓂ ᐃᓚᖓᓂ ᓂᒋᖓᓂ ᐊᐅᓱᐃᑦᑑᑉ ᕿᑭᖅᑖᓗᐊ. ᐃᖃᓗᓐᓄᑦ ᓴᐅᓂᒥᓂᑐᖃᐃᑦ ᓄᖑᑎᖅᐸᑦᑐᑦ ᐅᔭᖅᑲᓂᑦ ᐊᒻᒪ ᑕᑯᒐᔪᖃᑦᑕᑕᕗᑦ ᖄᖓᓂ ᐱᓕᕆᓂᖃᖅᑎᓪᓗᒋᑦ ᐃᓐᓈᕈᕐᓂᑦ, ᓇᓂᒐᐃᒐᑦᑎᒍ, ᓂᐱᔾᔪᑎᒥᑦ ᐊᑐᖃᑦᑕᖅᑐᒍᑦ ᑲᑎᓐᖓᓂᐊᕐᒪᑕ ᐊᒻᒪ ᐃᒻᒧᓯᖅᑐᒋᑦ ᓴᐳᒻᒥᓗᒋᑦ ᐊᐅᓪᓚᐅᔾᔭᐅᓂᖏᓐᓄᑦ ᖃᔨᓴᕐᕕᒻᒧᑦ. ᐃᖃᓗᓕᓂᑐᖃᐃᑦ ᐊᑯᓐᓂᖏᓐᓃᑦᑐᑦ ᐊᖏᓂᖏᑦ ᓯᐊᓐᑕᒦᑕᓂᑦ ᑕᑭᓂᖏᑦ ᐱᖓᓱᓄᑦ ᒦᑕᓄᑦ.

## ᖃᐅᔨᓴᓂᕐᒧᑦ ᓇᓗᓇᐃᔭᖅᓯᒪᓂᖏᑦ

### ᑐᑭᓯᒋᐊᕈᑎᖏᑦ

ᓴᐅᓂᑐᖃᒥᓃᑦ ᐅᔭᖅᑲᒦᑦᑐᑦ ᐊᔾᔨᐅᖏᑦᑐᓂᑦ ᑐᑭᓯᒋᐊᕈᑎᖃᑎᑦᑎᔪᑦ ᐊᖏᔪᒥᑦ ᐊᑦᑐᐃᓂᖃᖅᑐᓂ ᖃᐅᔨᒪᓂᓇᔭᑦᑎᓐᓂ ᐆᒪᖃᑦᑕᕐᓂᐅᔪᓂᑦ ᓄᓇᕐᔪᐊᒥᑦ ᐊᒻᒪ ᖃᓄᐃᓘᖃᑦᑕᐅᑎᓂᖏᑦ ᐆᒪᔪᕋᓛᑦ ᐊᒻᒪ ᐊᕙᑎᖏᑦ. ᐅᐊᑦᑎᐊᕈᒻᒪᓇᐅᕋᑖᓚᐅᖅᑐᖅ (385-363MYA) ᑕᑯᓚᐅᖅᑐᑦ ᓴᑲᑦᑐᒥᑦ ᐊᖏᓪᓕᒋᐊᖅᑐᒥᑦ ᐊᒻᒪ ᐊᔾᔨᒌᖏᑦᑐᓂᑦ ᖃᓄᐃᓕᖓᓂᖏᑦ ᐊᒻᒪ ᐆᒪᓂᖏᑦ ᖃᓄᑦᑑᓂᖓᓄᑦ ᐃᒥᑦᑎᐊᕙᐃᑦ ᐊᕙᑎᖏᑦ ᐱᖃᓯᐅᑎᓪᓗᑎ ᓇᑭᓐᖓᕐᓂᖏᑦ ᓂᐅᓛᑦ ᓴᐅᓂᓛᑦ, ᓴᖅᑭᕐᓂᖓ ᓯᕗᓪᓕᖅᐹᑦ ᓇᐹᖅᑐᐃᑦ, ᐊᒻᒪ ᐊᒥᓱᐃᑦ ᐊᔾᔨᒌᖏᑦᑐᑦ ᐃᖃᓗᐃᑦ. ᒪᕐᕉᓕᖅᑑᓐᓂᒃ ᖁᓕᓂᑦ ᐊᕐᕌᒍᓂᑦ ᓄᑖᓂᑦ ᖃᐅᔨᖃᑦᑕᖅᓯᒪᔪᑦ ᓇᒥᑐᐃᓐᓇᖅ ᓯᓚᕐᔪᐊᒥᑦ ᐊᒥᓱᕈᖅᐸᓪᓕᐊᔪᑦ ᑎᑎᕋᖅᑕᐅᕙᓪᓕᐊᓂᖏᑦ ᑕᕝᕙᖓᑦ ᐊᑯᓂᐅᓂᓇᔭᖓᓂᑦ.

### ᑐᕌᖓᖏᑦ

1993–ᒥᓂᑦ, ᓴᖅᑭᑎᑦᑎᓯᒪᔪᒍᑦ ᐅᐊᑦᑎᐊᕈᕐᓂᓴᑐᖃᓗᓐᓄᑦ ᖃᐅᔨᓴᓂᕐᒧᑦ ᐱᓕᕆᐊᒥᑦ ᑐᕌᖓᖃᖅᑐᓂ ᓄᑖᓂᑦ ᐆᒪᔪᒥᓂᑐᖃᕐᓂᑦ ᐅᔭᖅᑲᓃᑦᑐᓂᑦ ᓇᓂᓯᓗᑎ ᐅᐊᑦᑎᐊᕈᐊᓗᓚᐅᖅᑐᒥᑦ ᐃᒥᑦᑎᐊᕙᓐᓂᑦ ᑲᓇᑕᒥ ᒥᐊᓕᒐᒥᓗ (ᐱᓗᐊᖅᑐᒥ ᐱᐊᓐᓯᕙᐃᓐᔨᐊ ᐊᒻᒪ ᓄᓇᕗᑦ). ᖃᐅᔨᓴᓂᕐᒧᑦ ᑐᕌᒐᓇᔭᕗᑦ ᐊᑐᕐᓗᑕ ᓄᑖᓂᑦ ᑐᑭᓯᒋᐊᕈᑎᓂᑦ ᖃᐅᔨᑎᑦᑎᓗᑎ ᐊᔾᔨᒌᖏᑦᑐᑎᑦ ᐊᒻᒪ ᐊᓯᔾᔨᐸᓪᓕᐊᓂᓇᖃᑦᑕᖅᓯᒪᔭᖏᑦ ᐊᔾᔨᒌᖏᑦᑑᑎᓂᑦ ᐅᐊᑦᑎᐊᕈᒻᒪᓇᐊᓗᓐᓂᑦ ᓴᐅᓂᖃᖅᑐᑦ ᐊᒻᒪ ᐊᖏᓪᓕᒋᐊᕐᓗᒍ ᐃᓱᒪᒋᔭᐅᔪᓂᑦ ᑭᖑᓂᖓᒍ ᐅᐊᑦᑎᐊᕈᒻᒪᓇᐊᓗᒃ ᐃᒥᑦᑎᐊᕙᐃᑦ ᐊᕙᑎᖏᑦ

ᐱᒻᒪᕆᐅᓚᐅᖅᑐᑦ ᐊᓯᔾᔨᐸᓪᓕᐊᓂᖏᓐᓄᑦ ᓂᐅᖃᓕᖅᑎᑦᑎᔪᓄᑦ.. ᑖᓐᓇ ᐊᑐᖅᑕᐅᓂᖓ ᑲᔪᓯᓂᖃᑦᑎᐊᖅᓯᒪᔪᖅ ᐅᕙᒍᑦ ᖃᐅᔨᓴᖅᑎᖏᓐᓄᑦ, ᓴᖅᑭᑎᑦᑎᔪᑦ ᑕᐅᓴᖏᓐᓃᑦᑐᓂᑦ ᓄᑖᓂ ᐆᒪᔪᒥᓂᑐᖃᑦᓂᑦ ᐅᔭᖅᑲᓃᑦᑐᓂᑦ ᐆᒪᓂᑦ ᐊᒻᒪ ᐊᒥᓱᒐᓚᐃᑦ ᓴᖅᑭᖅᑎᑕᐅᔪᑦ ᐅᖃᓕᒫᒐᓗᐊᑕᑦᓂᑦ. ᐊᓯᖓ ᑐᕌᒐᕆᒥᔭᖓ ᑭᖅᑯᑐᐃᓐᓇᑦᓄᑦ ᑐᓂᐅᖅᑲᖅᑕᐅᓂᖏᑦ ᖃᐅᔨᓴᓂᑦᒧᑦ ᖃᐅᔨᔭᐅᔪᑦ ᑐᓴᕋᔾᔪᑎᒍᑦ, ᖃᕋᓴᐅᔭᖅᑯᑦ, ᐃᓕᓐᓂᐊᑎᑦᑎᓂᖅ, ᐊᒻᒪ ᐃᓄᓐᓄᑦ ᐅᖃᓪᓚᖃᑦᑕᑦᓂᖅ. ᑐᓯᕋᕆᔭᕗᑦ ᐅᐊᑦᑎᐊᕈᑦᓂᓴᑐᖃᑦᓄᑦ ᕿᓂᓂᑦᒧᑦ ᓄᓇᕗᒻᒥ 2008 ᐊᔾᔨᖏᓐᓂᑦ ᑐᕌᒐᖃᓂᐊᖅᑐᑦ.

## ᐃᖅᑲᓇᐃᓖᕆᓯᒪᔭᕗᑦ

ᐃᖅᑲᓇᐃᓖᕆᓯᒪᔭᕗᑦ ᓄᓇᕗᒻᒥ ᐅᑯᓇᓂ 1999-2014 ᑕᑯᔅᓴᐅᑎᑦᑎᓯᒪᔪᑦ Okse Bay Group (8,000 ᐃᓯᒐᐃᑦ ᖁᓕᓈᑦᑐᑦ ᐅᔭᖅᑲᐃᑦ ᐊᒻᒪ ᓯᐅᕋᖅᓂᑦ ᐅᔭᖅᑲᐃᑦ ᐅᐊᑦᑎᐊᕈᐊᓘᕋᕆᑖᓚᐅᖅᑐᒥᑦ) ᖃᐅᓯᐃᑦᑑᑉ ᕿᑭᖅᑖᓗᐊᑕ ᓯᕗᓪᓕᖅᐹᖑᔪᖅ ᓯᕗᓕᖅᑎᐅᓪᓗᓂ ᐆᒪᔪᒥᓂᑐᖃᑦᓂᑦ ᐅᔭᖅᑲᓃᑦᑐᓂᑦ ᖃᐅᔨᔭᐅᒧᓂᑦ. ᖃᐅᔨᓯᒪᓕᓈᖅᑐᒍᑦ, ᑎᑎᕋᖅᑕᐅᓪᓗᑎ ᐊᒻᒪ ᓄᐊᑦᑎᑲᓐᓂᖅᑐᑎ ᐅᖓᑖᓃᑦᑐᓂᑦ 70 ᐃᓗᐊᓂ Okse Bay Group ᐱᓕᕆᓂᖃᖅᑎᓪᓗᒋᑦ ᐊᒻᒪ ᐱᓕᕆᐊᖃᓗᐊᖅᑐᑎᑦ ᓄᐊᑦᑎᓇᓱᐊᓂᕐᒥᑦ. ᐱᓯᒪᓕᖅᑐᒍᑦ ᐊᒥᓱᑲᓪᓚᓐᓂᑦ ᐅᒪᔪᒥᓂᕐᓂᑦ ᐊᓪᓕᕈᖃᖏᑦᑐᓂᑦ ᐃᖃᓗᓐᓂᑦ (agnathans), ᓯᓚᑎᖏᑦ ᑎᓯᔪᑦ ᐃᖃᓗᐃᑦ (placoderms) ᐊᒻᒪ ᐊᔾᔨᒌᖏᑦᑑᑏᑦ ᐸᐱᕈᖏᑦ ᐊᒻᒪᓗᑭᑕᐅᔨᖓᔪᑦ ᐃᖃᓗᐃᑦ (sarcopterygians). ᐆᒪᔪᐃᑦ ᐊᔾᔨᒌᖏᓐᓂᖏᑦ, ᐃᓂᒋᔭᐅᑲᐃᓐᓇᖅᑐᑦ, ᐆᒪᔪᒥᓂᑯᖃᒥᓃᑦ ᐱᑕᖃᕐᒥᖏᑦ ᐊᒻᒪ ᓄᓇᖓ ᐋᖅᑭᔅᓯᒪᓂᖓ Okse Bay Group ᐊᑐᕈᒥᓇᖅᑐᖅ ᖃᐅᔨᓴᕐᕕᒋᓗᒍ ᓇᑭᓐᖓᒑᐸᒥᓂᖏᑦ ᓂᐅᓖᑦ ᐃᖃᓗᐃᑦ ᐊᒻᒪ ᐱᕙᓪᓕᐊᓂᖓ ᐅᐊᑦᑎᐊᕈᐊᓘᕋᕆᑖᓚᐅᖅᑐᒥᑦ ᐊᕙᑎᖓᓂᑦ ᐋᖅᑭᔅᓯᓂᖃᓚᐅᖅᑐᖅ.

ᑕᑯᔅᓴᐅᓂᖓ ᐃᖅᑲᓇᐃᓖᕋᑖᖅᓯᒪᔭᑦᑎᓐᓂ ᓄᓇᕗᒻᒥ ᓇᓂᓯᓂᐅᔪᖅ ᐊᓐᒪ ᓇᓗᓇᐃᔭᖅᓯᒪᓂᖓ ᑎᑦᑖᓕᒃ ᓱᔭᐃ tetrapodomorph ᐃᖃᓗᒃ ᐊᖏᒧᒥᑦ ᐃᓚᓕᐅᑎᔪᖅ ᐅᕙᒍᑦ ᖃᐅᔨᒪᓂᖏᓐᓄᑦ ᐃᖃᓗᐃᑦ-tetrapod ᐊᓯᔾᔨᕐᓂᖏᓐᓄᑦ. ᓄᐊᑦᑎᓚᐅᖅᑐᒍᑦ ᓇᓗᓇᐃᖅᓯᒪᔪᓂᑦ ᑎᑦᑖᓕᒃ ᓱᔭᐃ 2004–ᒥᑦ ᐊᑦᑎᓐᓂᖓᓂ Fram ᓴᓇᓯᓴᓂᖓ ᐊᐅ)ᐃᑦᑑᑉ ᕿᑭᖅᑖᓗᐊ (ᓄᓴᖓ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᔪᖅ NV2K17) ᐊᒻᒪ ᓴᖅᑭᖅᑎᑕᐅᔪᑦ ᓯᕗᓪᓕᖅᐹᑦ ᐅᓂᒃᑳᑦ ᐱᓪᔪᑎᖃᖅᑐᑦ ᑎᑦᑖᓕᒃ ᓱᔭᐃ 2006. ᖃᐅᔨᓴᕐᓂᐅᔪᖅ ᑲᔪᓰᓐᓇᖅᑐᖅ ᐱᐅᖅᓱᐊᖅᓯᒪᑦᑎᐊᖅᑐᓂᑦ ᑎᑦᑖᓕᒃ ᓱᔭᐃ ᓄᐊᑕᐅᔭᕇᖅᓯᒪᔪᑦ ᐊᒻᒪ ᐊᑐᐃᓐᓇᐅᓕᖅᑐᑎᑦ, ᑭᓯᐊᓂ ᑕᕝᕙᓂᔅᓴᐃᓐᓇᖅ ᐃᖅᑲᓇᐃᔭᖅᑲᓐᓂᕈᒥᓇᖅᑐᖅ ᑕᖅᑭᑎᑦᑎᓂᖏᓐᓄᑦ ᓄᑖᓂ ᐅᒪᔪᓂᑦ, ᐱᓗᐊᖅᑐᒥᑦ axial ᓴᐅᓂᖏᑦ ᐊᒻᒪ ᑯᑦᑎᓈᖏ appendages. NV2K17 ᐅᔭᖅᑭᐊᒃᕕᒃ ᐱᕕᔅᓴᖅᑎᑎᒻᒥᔪᖅ ᓇᓂᓯᓗᓂ ᐊᓯᖏᓐᓂ ᐱᐅᖅᓱᐊᖅᓯᒪᑦᑎᐊᑐᓂᑦ ᐆᒪᔪᒥᓂᑐᖃᑦᓂᑦ, ᐱᓗᐊᖅᑐᒥᑦ placoderms ᐊᒻᒪ sarcopterygians ᓴᖅᑭᓚᐅᖅᑐᑦ ᖃᐅᔭᕐᕕᐅᔪᒥᑦ. ᐊᓯᖏᓐᓂᑦ ᓇᓇᐃᖅᑕᐅᔪᓂᑦ ᒫᓐᓇᒧᑦ ᑎᑭᑦᑐᒍ ᓇᔪᖅᑕᐅᔪᒥᑦ ᒪᕐᕉᒃ ᐆᒪᔫᒃ antiarch placoderm *Asterolepis* sp., ᐱᑕᖃᕐᓂᓇᔭᖏᑦ porolepiform sarcopterygian *Laccognathus* sp., a dipnoan, an osteolepidid, ᐊᒻᒪ ᐊᖏᔪᖅ tristichopterid sarcopterygian ᓇᓗᓇᐃᖅᑕᐅᓯᒪᔪᖅ ᑐᕋᕌᖓᑎᑕᐅᓪᓗᓂ ᐅᕗᖓ *Euthenopteron* sp.. ᓄᑖᑦ ᐆᒪᔪᐃᑦ ᑖᒃᑯᓇᓂ ᕿᒥᕐᒥᐅᔪᓂᑦ ᖃᐅᔨᑎᑦᑎᓂᐊᖅᑐᑦ ᐊᓯᔾᔨᐸᓪᓕᐊᓂᓇᖃᖅᑕᖅᓯᒪᔭᑐᖃᖏᑦ ᑖᒃᑯᓄᖓ ᑲᑎᓐᖓᔪᓄᑦ ᐊᒻᒪ ᐃᑲᔪᕐᓗᓗᑎ ᐅᕙᑦᑎᓐᓂ ᓴᖅᑭᑎᑦᑎᓗᑕ ᐱᔭᕇᖅᓯᒪᓂᖅᓴᓂᑦ ᓴᓇᔭᐅᒃᑲᓂᕐᓂᖏᓐᓄᑦ ᓴᐅᓂᑐᖃᓕᓇᓂᖅ ᐅᐊᑎᐊᕈᐊᓗᒃ ᐊᕙᑎᖓᓂ ᐊᒻᒪ ᓴᐅᓂᑐᖃᓕᓇᓂᕐᒧᑦ ᐊᕙᑎᖓᓂ ᖃᐅᔨᓴᕐᓂᖅ ᐆᒪᔪᓂᑦ. ᒫᓐᓇᑦᑕᐅᖅ ᐱᕙᓐᓂᐊᒥᖃᖅᑐᔪᒍᑦ taphonomic ᐊᒪ sedimentological ᖃᐅᔨᓴᖅᑕᐅᓂᖏᑦ ᐅᕙᓂ NV2K17 ᑐᑭᓯᑦᑎᐊᓂᖅᓴᓇᓗᒋᑦ ᖃᓄᐃᓕᖓᓂᖏᑦ ᓴᖅᑭᑎᑦᑎᓚᐅᖅᑐᑦ ᓄᓇᖓᓂ.

## ᑐᓯᕋᖑᔪᑦ ᐱᓕᕆᐊᒧᑦ 2020

ᐸᕐᓇᓯᒪᔭᕗᑦ 2020 ᖃᐅᔨᓴᕐᓇᐅᑎᓪᓗᒍ ᖃᐅᔨᓴᕐᓗᒋᑦ ᓄᑖᑦ ᐅᐸᑦᑕᐅᓯᒪᖏᑦᑐᑦ Fram ᓴᓇᓯᒪᓂᖓ ᓴᐅᓂᒥᓂᑐᖃᕐᓄᑦ ᓇᓂᔭᐅᓂᖏᑦ ᐊᒻᒪ ᖃᐅᔨᓴᖅᑕᐅᓂᖏᑦ. ᐃᖅᑲᓇᐃᔾᖑᓯᒪᔪᑦ Okse Bay Group ᓂᒋᖓᓂ ᐊᐅᓱᐃᑦᑑᑉ ᕿᑭᖅᑖᓗᐊᓂ ᓇᓗᓇᐃᖅᓯᓯᒪᔪᑦ ᒪᕐᕉᓐᓂ ᐊᓯᖏᓐᓂ ᖁᕝᕙᓯᑦᑐᓂᑦ ᐱᒻᒪᕆᐅᔪᓐᓇᖅᑐᑦ ᓇᓂᒥᕕᒋᓗᒋᑦ ᓄᑖᓂᑦ ᓇᓂᔭᐅᔪᓂᑦ. Fram ᐊᒻᒪ Hell Gate ᓴᓇᓯᒪᓂᖏᑦ (ᐊᑦᑎᓐᓂᖓᓂ ᕿᑎᐊᓄ Frasnian Stage) ᐊᐅᓱᐃᑦᑐᒥ ᑐᕌᖅᑕᓪᓗᐊᑕᐅᔪᑦ 2020 ᖃᐅᔨᓴᕐᓇᒥ. ᐃᓚᖏᓐᓂᑦ ᓄᐊᑕᐅᔪᑦ ᑲᓇᓐᓇᖓᓂ ᓴᓂᕋᖓᓂ Goose Fiord 2000-ᒥ ᐃᓚᒋᔭᖓ ᐊᓪᓗᕈᖏᑦ ᐊᔾᔨᐸᓗᒋᔾᔭᖅᑕᖓ *ᑎᑦᑕᓕᒃ ᓯᓴᐃ,* ᑐᓯᕋᖅᑐᒍᑦ ᓄᐊᑦᑎᓗᑕ ᐱᖓᓐᓇᖓᓂ Goose Fiord 2020ᔭᒥᑦ, ᐱᓗᐊᖅᑐᒥ ᐅᕙᓂ Skrap Valley, ᓇᒦᓐᓂᕆᔭᖓ ᐃᓱᒪᒋᔭᐅᔪᖅ ᐅᐊᑦᑎᐊᕈᕐᓂᓵᓗᒻᒥᑦ ᐱᔪᒪᔭᐅᔪᓂᑦ. ᑕᕝᕙᓂᐅᓚᐅᖅᑐᖅ ᐊᐃᑉᐸᖓ Fram ᐊᐅᓪᓚᓂᕐᒧᑦ ᓄᐊᑦᑎᓚᐅᖅᑐᑦ ᓯᕗᓪᓕᖅᐹᒥ ᐆᒪᔪᓂᑦ ᐅᐊᑦᑎᐊᕈᕐᓂᓴᕐᓂᑦ ᐃᖃᓗᓐᓂᑦ ᐊᐅᓱᐃᑦᑑᑉ ᕿᑭᖅᑖᓗᐊᓂ 1899-ᒥᑦ. ᓴᖅᑭᔾᑦᑎᐊᖅᑐᑎᑦ Fram ᐊᒻᒪ Hell Gate ᓴᓇᓯᒪᓂᖏᑦ ᐊᒻᒪ ᓇᓗᓇᐃᖅᓯᒪᔪᖅ ᓴᐅᓂᒥᓂᑐᖃᕐᓂᑦ ᓇᓂᓯᕕᐅᔪᓐᓇᕐᓗᓂ, Skrap Valley-ᖓᓂ ᐱᖓᓐᓇᖓᓂ ᓴᓂᕌᓂ Goose Fiord ᐅᕝᕙᓯᑦᑐᒥᑦ ᑎᑭᑦᑎᔪᓐᓇᖅᑐᖅ ᐅᕙᒍᑦ ᑐᕌᖅᑕᖏᓐᓂ. ᐋᖅᑭᓯᓂᐊᖅᑐᒍᑦ ᒥᑭᔪᒥᑦ ᓇᔪᖅᑕᐅᔪᒥᑦ ᖁᒻᒧᐊᑦᑎᑕᐅᓯᒪᔪᒃᑯᑦ Simons Peninsula-ᒥ, ᐃᓚᒥᐅᔪᒥ ᓇᓱᕝᕕᓴᓴᐅᔪᖅ ᐅᕙᒍᑦ ᓇᔪᓪᓗᐊᑕᖅᑕᖓᓂ Skrap Valley-ᒥᑦ. ᑖᓐᓇ ᐅᕙᑦᑎᓐᓂ ᐅᐸᓴᒍᓐᓇᑎᑦᑎᓂᐊᖅᑐᖅ ᖃᐅᔨᓴᖅᑕᐅᓚᐅᖅᓯᒪᖏᑦᑐᓂᑦ ᓴᖅᑭᔾᔭᖅᑐᓂᑦ Fram ᓴᓇᓯᒪᓂᖏᑦ ᐊᒻᒪᓗᑦᑕᐅᖅ ᐱᑐᖃᐅᖏᓂᖅᓴᐃᑦ ᓄᐊᓯᑐᕌᓐ ᓄᕗᖓ ᓴᓇᓯᒪᓂᖓ ᐱᑐᖃᐅᖏᓛᖑᔪᑦ Okse Bay Group (ᕿᑎᐊᓂ ᓄᖑᖏᓐᓄᑦ ᕗᕋᐃᓴᓐ ᓇᒦᓕᕐᓂᖓ). ᓄᐊᑦᑎᓂᕆᖃᑦᑕᖅᓯᒪᔭᕗᑦ ᓴᓇᓯᒪᓂᖏᑦ ᐊᓯᖏᓐᓂᑦ ᐱᖃᓯᐅᔾᔨᔪᑦ ᐊᒥᓱᒐᓚᐃᑦ ᐊᓪᓕᕈᒥᓂᒐᓛᑦ ᐱᒋᐊᓕᕋᑖᖅᑐᓂ tetrapod ᖃᓄᐃᓕᖓᓂᖓ ᖃᐅᔨᑎᑦᑎᔪ ᐱᑕᖃᒃᑲᓐᓂᑐᐃᓐᓇᕆᐊᖃᕐᓂᖓᓄ ᓄᓇᖓᓂ ᐱᒻᒪᕆᐅᒐᔭᖅᑐᑦ ᑐᑭᓯᐅᒪᓂᖅᑎᓐᓄᑦ ᐃᖃᓗᐃᑦ-tetrapod ᐊᓯᔾᔨᕐᓂᖏᑦ. ᑖᒃᑯᐊ ᓄᓇᐃᑦ Simons Peninsula-ᒥ ᖃᐅᔨᓴᖅᑕᐅᓯᒪᖏᑦᑐᑦ ᓴᓂᑐᖃᕐᓂᑦ ᖃᐅᔨᓴᖅᑎᓄᑦ ᐊᒻᒪ ᑕᒪᓐᓇ ᕿᓂᕐᑯᐅᖅᑳᓂᐊᖅᑐᖅ.

## ᐸᕐᓇᐅᑦ ᐊᒻᒪ ᐊᑐᖅᑕᐅᓂᐊᖅᑐᑦ

ᑎᑭᓐᓂᖏᑦ ᐃᖅᑲᓇᐃᔭᖅᑏᑦ ᐊᒻᒪ ᓱᓇᒃᑯᑖᑦ ᐅᕙᓐᖓᑦ PCSP ᖃᐅᓱᐃᑦᑐᖅ ᒥᕝᕕᒻᒧᑦ ᓂᒋᖓᓂ ᐊᐅᓱᐃᑦᑑᑉ ᕿᑭᖅᑖᓗᐊ ᒪᕿᓕᒃᑰᓂᐊᖅᑐᑦ ᖃᖓᑕᓲᒃᑯᑦ. ᖁᑦᓛᑦᑑᑦ ᐅᑎᖅᑕᕋᐅᔭᕐᓂᖏᑦ (Bell 206L) ᐱᑕᖃᕆᐊᖃᓂᐊᖅᑐᑦ ᖃᐅᔨᓴᖅᑏᑦ ᖃᓂᒋᔭᖓᓄᕐᓗᒋᑦ ᓯᕗᓪᓕᖅᐹᖓᓄ ᖃᐅᔨᓴᖁᐅᔪᒧᑦ. ᖁᑦᓛᑦᑑᑦ ᐊᑐᖅᑕᐅᓂᐊᕐᒥᔪᑦ ᐃᖏᕋᑎᑦᑎᔾᔪᑎᐅᓗᓂ ᓇᔪᖅᑕᐅᔪᓄᑦ. ᖁᑦᓛᑦᑑᑦ ᓂᐅᓯᓂᐊᖅᑐᑦ ᐃᖅᑲᓇᐃᔭᖅᑎᓂᑦ ᑭᖑᓪᓕᖅᐹᖓᓄ ᓇᔪᖅᑕᐅᔪᒥᑦ ᐊᒻᒪ ᐅᑎᐅᔾᔨᓗᑎ ᒥᕝᕕᒻᒧᑦ ᒪᕿᓕᒃ ᖃᖓᑕᓲᖅ ᐅᑎᐅᔾᔨᒍᓐᓇᓂᐊᖅᑐᑦ PCSP-ᒧᑦ ᖃᐅᓱᐃᑦᑐᒥᑦ.

ᖃᐅᔨᓴᖅᑎᐅᓂᐊᖅᑐᑦ 2020 ᑎᓴᒪᐅᓂᐊᖅᑐᑦ ᐃᓄᐃᑦ, ᐃᓚᖏᑦ ᐃᖅᑲᓇᐃᔭᖅᑲᑦᑕᖅᓯᒪᔪᒥᑦ ᑖᓯᒥᖓ ᐱᓕᕆᐊᒥᔭ ᐃᓚᒋᐊᕐᓗᒍ, ᐱᖃᑕᐅᑎᑦᑎᔪᒪᓂᐊᖅᑐᒍᑦ ᓄᓇᓕᒻᒥ ᐊᑕᐅᓯᕐᒥᑦ ᐃᓄᒻᒥᑦ ᐃᓕᓐᓂᐊᖅᑎᒥᑦ ᐊᐅᓱᐃᑦᑐᒥᑦ, ᐱᑕᖃᕈᓂ.

ᐱᓕᕆᓂᐅᔪᑦ ᐅᑯᓄᖓ ᐊᒻᒪ ᓄᐊᑦᑎᓂᖅ ᓴᐅᓂᒥᓂᑐᖃᕐᓂᑦ ᐅᔭᖅᑲᕈᖅᓯᒪᔪᑦ ᓴᐅᓂᖃᖏᑦᑐᑦ ᒪᓕᑦᑐᑦ ᐊᑐᐊᒐᐅᒐᔪᑦᑐᓂᑦ ᐊᑐᖅᑕᐅᔪᓂᑦ ᐊᑐᖃᑦᑕᖅᓯᒪᔭᕗᑦ Devonian ᐊᒻᒪ Triassic ᓴᐅᓂᖃᖏᑦᑐᑦ ᐆᒪᔪᒥᓂᑐᖃᐃᑦ ᐅᔭᖅᑲᒦᑦᑐᑦ ᐊᓯᖏᓐᓂᑦ. ᐊᑐᓂ ᓄᑖᓄᑦ

ᓴᐅᓂᒥᓂᖅᑕᖅᑲᖅᑐᓄᑦ ᐅᔭᖅᑲᓂᑦ ᑎᑎᕋᖅᑲᑦᑕᖅᑕᕗᑦ GPS ᓇᒦᓐᓂᖏᑦ ᐊᒻᒪ ᓄᓇᖓᓄᑦ ᑐᑭᓯᒋᐊᕈᑎᖏᑦ. ᓄᐊᑕᐅᓯᒪᓕᖅᑎᓪᓗᒋᑦ, ᐆᒪᔪᒥᓂᑐᖅᑲᐃᑦ ᐅᔭᖅᑲᒦᑦᑐᑦ ᐱᓕᕆᐊᖑᓂᐊᖅᑐᑦ ᑲᓴᒃᑭᓐᓂ ᐃᓕᓐᓂᐊᕐᓂ ᓄᓇᒥ ᖃᐅᔨᓴᓂᕐᒥᑦ ᐱᓕᑖᐱᐊ ᐊᒻᒪ ᓯᓚᑦᑐᓴᕐᕕᒃᔪᐊᖅ ᓯᑲᒍ. ᑕᒪᒃᑭ ᐃᓕᓐᓂᐊᕐᕕᐅᔪᑦ ᐃᖅᑲᓇᐃᔭᐃᓐᓇᖅᑐᖅᑐᑦ ᐆᒪᔪᒥᓂᑐᖅᑲᐃᑦ ᐅᔭᖅᑲᒦᑦᑐᓂᑦ ᑲᒪᔨᓂᑦ ᐃᖅᑲᓇᐃᔭᖅᑎᓂᑦ ᐃᓕᓐᓂᐊᖅᓯᒪᔪᑦ ᐊᑐᐃᓐᓇᕈᐃᓗᑎ Devonian ᒪᑯᕈ ᐊᒻᒪ ᒥᑭᔪᑦ ᐆᒪᔪᒥᓂᑐᖅᑲᐃᑦ ᐅᔭᖅᑲᒦᑦᑐᑦ ᓴᐅᓂᖅᑲᖏᑦᑐᑦ. ᓇᓗᓇᐃᖅᓯᖅᑲᑦᑕᒐᔪᑦᑐᒍᑦ ᐱᒻᒪᕆᐅᓂᖏᓐᓄᑦ ᐆᒪᔪᐃᑦ ᑕᑯᔅᓴᐅᑎᑦᑎᒋ ᐱᔪᒪᓂᖅᑲᖅᑐᓄᑦ ᐱᓕᕆᖅᑎᓐᓄᑦ ᓴᖅᑭᖅᑎᑕᐅᓚᐅᖅᑎᓪᓗᒋᑦ ᓇᓗᓇᐃᔭᖅᓯᒪᓂᖏᑦ. ᐆᒪᔪᒥᓂᑐᖅᑲᐃᑦ ᐅᔭᖅᑲᒦᑦᑐᑦ ᐱᕐᑯᑎᒋᔭᐅᔪᑦ ᓄᓇᕗᒻᒧᑦ ᐊᒻᒪ ᐅᑎᖅᑎᑕᐅᔪᑦ ᑲᓇᑕᒥ ᑕᑯᔭᒐᖅᑲᕐᕕᒃ ᓄᓇᓄᑦ ᖃᐅᔨᓴᓈᖅᑎᓪᓗᒋ, ᑕᐃᒪᐃᑕᐅᓯᒪᔪᑦ ᑭᓯᑐᐃᓐᓇᐃᑦ ᓄᐊᑕᐅᓯᒪᔪᑦ ᐅᓪᓗᒥᒧᑦ.

ᐱᖃᑕᐅᑎᓐᓂᐊᖅᑕᕗᑦ ᐊᐅᓯᐃᑦᑐᖅ ᓄᓇᓕᖓ ᑐᓴᕐᕕᒋᒋᐊᕐᓗᒋᑦ ᐊᐃᕕᖅ ᐆᒪᔪᕐᓂᐊᑎᒃᑯᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑦ ᐊᒻᒪ ᕼᐊᒻᒪᓚᒃᑯᑦ. ᐃᖅᑲᓇᐃᔭᖅᑎᑦᑎᓂᐊᖅᓯᒪᔪᒍᑦ ᓄᓇᓕᒻᒥ ᒪᒃᑯᑦᑐᒥ ᓇᓄᕐᓂᑦ ᐅᐊᑦᑎᔨᐅᓗᓂ. ᑕᐃᒪᐃᑦᑎᓪᓗᒍ, ᑕᐃᒪᐃᖃᑦᑕᖅᓯᒪᒐᑦᑕ ᐱᑕᖃᖅᑎᑦᑎᓂᐊᖅᑐᒍᑦ ᐃᓕᓐᓂᐊᕐᓂᓕᕆᔾᔪᑎᓂᑦ ᐃᖅᑲᓇᐃᔮᑦᑎᓐᓂ ᐃᓕᓐᓂᐊᕕᒻᒧᑦ.