ᓄᓇᕗᑦᒥ ᖃᐅᔨᓴᕐᕕᒃ
ᖃᐅᔨᓴᕈᑎᐅᑉ ᓚᐃᓴᓐᓯᖕᒐᑕ ᓇᐃᓴᐅᑖ 01 016 12N-A
ᖃᐅᔨᓴᖅᑕᐅᕋᓂᒃᓯᒪᖕᒋᑦᑐᑦ ᓇᐃᒃᓕᒋᐊᖅᓯᒪᔪᖅ ᐅᓂᒃᑳᑦ
ᓲᓴᓐ. >ᕈᒃ ᒥᐅᓐ, ᐃᓕᖅᑯᓯᓕᕆᔨ, ᓯᓚᑦᑐᖅᓴᕐᕕᒃᔪᐊᖅ ᒫᓂᑑᐸᒥᑦ

ᐊᕐᕌᒍ 2012-ᒥᑦ, >ᕈᒃ ᒥᐅᓐ (ᓯᓚᑦᑐᖅᓴᕐᕕᒃᔪᐊᖅ ᒫᓂᑑᐸᒥᑦ) ᐊᒻᒪ ᒫᓴᑕᕙ ᕕᔭᒃ (ᓯᓚᑦᑐᖅᓴᕐᕕᒃᔪᐊᖅ ᒫᓂᑑᐸᒥᑦ) ᐋᖅᑭᒃᓯᐃᓚᐅᕐᑐᑦ ᓄᓇᐃᓐᓇᕐᒥᑦ ᖃᐅᔨᓴᕐᓂᕐᒥᑦ ᖁᓕᒥᒍᒃᑯᑦ ᐊᒻᒪ ᐱᓱᒃᓗᑎᒃ ᖃᐅᔨᓴᖅᓗᑎᒃ ᕿᑭᖅᑖᔫᑉ ᓂᒋᖅᐸᓯᐊᓂᑦ ᓄᓇᓕᖕᓂᑦ ᐊᒻᒪ ᐃᓕᓴᕆᓴᖅᓯᓇᓱᒃᓗᑎᒃ ᐃᓄᙵᐅᑏᑦ ᓇᔪᖅᐸᓚᐅᕐᑕᖕᒋᓐᓂᒃ. ᐱᔭᒃᓴᖅ ᑖᔅᓱᒫ ᐱᓕᕆᐊᒃᓴᐅᑉ ᖃᐅᔨᓴᕈᑎᓂᒃ ᖃᐅᔨᓴᕐᓂᖅ ᖃᐃᖅᓱᒥᑦ ᐱᓇᓱᒃᓗᑎᒃ ᑯᑭᒃᓴᓂᑦ ᖃᐅᔨᓴᕈᑎᓂᑦ ᖃᐅᔨᓴᖅᑕᐅᓗᑎᒃ ᓇᑭᖕᒫᑦᓚᕆᖕᓂᖕᒐᑦ ᑐᑭᓯᓇᓱᒃᓗᒍ ᐊᔾᔨᒌᖕᒋᓐᓂᖕᒋᑦ ᐊᒻᒪ ᐊᑐᖅᑕᐅᖃᑦᑕᓚᐅᕐᓂᖕᒐᑦ ᓴᓇᕐᕈᑎ ᕿᑭᖅᑖᔫᑉ ᓂᒋᖅᐸᓯᐊᓂ. ᓄᓇᑐᕐᓕᕕᓂᑦ ᐃᓕᓴᕆᔭᐅᔪᑦ ᖃᓂᓐᓂᖕᒋᓐᓂᑦ ᑖᒃᑯᓄᖕᒐ ᖃᐃᖅᓱᓄᑦ ᖃᐅᔨᓴᖅᑕᐅᓂᐊᓚᐅᕐᑐᑦ ᐊᒻᒪᓗ ᐱᔭᓗᑎᒃ ᑯᑭᒃᓴᒐᓛᑦ ᖃᐅᔨᓴᖅᑕᐅᓂᕐᒧᑦ. ᑭᖑᓪᓕᖅᐹᒥᑦ, ᖃᐅᔨᓴᕐᓂᖅ ᑐᕋᖅᑐᖅ ᐊᑐᕐᓗᑎᒃ ᑯᑭᒃᓴ ᓴᓇᕐᕈᑎᓂᒃ ᖃᐅᔨᓴᕈᑎᖃᕐᓗᑎᒃ ᐱᖅᑯᓯᕆᔭᐅᕙᓚᐅᖅᑐᓂᑦ ᐊᐱᖅᑯᑎᐅᔪᓂᑦ ᐱᔾᔪᑎᖃᖅᑐᓂᑦ ᐃᓄᙵᐅᑏᑦ ᓈᔾᔪᑎᒋᕙᓚᐅᕐᑕᖕᒋᑦ, ᐋᖅᑭᒃᓯᐃᔾᔪᑎᒋᕙᓚᐅᖅᑕᖕᒋᑦ, ᐱᖅᑯᓯᖕᒋᑦ ᐊᓯᔾᔨᕐᓂᕆᓚᐅᕐᑕᖕᒋᑦ, ᐊᒻᒪ ᓄᓇᒥᒃ ᐊᑐᖅᐸᓚᐅᖅᑕᖕᒋᑦ.

ᓂᕆᐅᒋᔭᐅᖕᒋᑦᑐᑦ ᐱᔾᔪᑎᑦ ᐱᓕᕆᐊᖃᕈᓇᖕᒋᔾᔪᑕᐅᓚᐅᖅᑐᑦ ᑖᒻᓯᒥᖕᒐ ᓄᓇᓕᕆᓂᕐᒥᑦ ᐊᕐᕌᒍ 2012. ᐊᓯᐊᒍᑦ, ᓄᓇᒥᑦ ᐊᒻᒪ ᐃᑦᑕᕐᓂᓴᕐᓂᑦ ᖃᐅᔨᓴᕐᓂᖅ ᐱᓕᕆᐊᖑᔪᓐᓇᓚᐅᖅᑐᖅ ᑰᔨᓯᐅᑉ ᖃᓂᒋᔭᓂᑦ ᐊᒻᒪ ᐃᖃᓗᐃᑦ ᑰᖕᒐᓂᑦ. ᐅᓪᓗᒃ ᒪᕐᕉᖕᓂᑦ ᖃᐅᔨᓴᓚᐅᕐᑐᑦ ᐊᒻᒪ ᓇᓗᓇᐃᒃᑯᑦᑎᖅᓱᐃᓪᓗᑎᒃ ᐃᓂᐅᔪᓂᑦ.

ᓄᓇᒥᒃ ᖃᐅᔨᓴᕐᓂᖅ ᓇᓂᓯᓚᐅᕐᑐᑦ ᐋᖅᑭᒃᓯᒪᓕᖕᒐᑦ ᑕᕝᕙᓂ Shaymark-ᒥᑦ (KkDn-2) ᐊᒻᒪ Crystal II (KkDn-1) ᐱᖃᓚᐅᖅᑐᖅ ᐅᔭᕋᓂᒃ ᓄᑕᐅᖕᒋᒻᒪᕆᒃᑐᓂᑦ, ᓇᓗᓇᖕᒋᔾᔪᑎᐅᓪᓗᓂ migmatitic gnesses, ᐊᔾᔨᒌᖕᒋᑑᓪᓗᑎᒃ granodiorite-ᒥᑦ quartz monzonite-ᒧᑦ ᐱᖃᓯᐅᑎᓪᓗᒍ pegmatitic ᐊᓕᒍᑦ ᓴᖅᑭᓯᒪᑦᑎᐊᖅᑐᑦ. ᑖᒃᑯᐊ ᓴᖅᑭᓯᒪᔪᑦ ᑐᙵᕕᐅᑐᐃᓐᓇᕆᐊᓕᒃ ᐊᓕᒍᖅᓄᑦ ᓇᓂᔭᐅᕙᒃᑐᑦ ᓄᓇᑐᕐᓕᕕᓂᕐᓂᑦ ᑕᐃᑲᓂ ᐃᓂᐅᔪᒥᑦ. ᖃᐅᔨᔪᒪᓂᖅᐹᕗᑦ ᐱᓕᕆᐊᒃᓴᑎᓐᓂᒃ ᐱᑕᖃᖕᒋᕐᓗᓂᓗ ᖃᐅᔨᒪᔾᔪᑎᓂᑦ for the Proterozoic ᐊᒻᒪ ᓄᑖᖑᓂᖅᓴᑦ siliciclastic and carbonate rocks of the Penrhyn group ᐊᓚᕐᓂᐅᑉ ᓂᒋᖅᐸᓯᐊᓂᑦ, ᐊᒻᒪ ᐊᖅᑯᑎᒋᔭᖕᒋᑦ ᑲᑎᖕᒐᔪᑦ ᖁᖅᑖᔫᑉ ᖁᑎᐸᓗᐊᓂᑦ ᓇᓂᔭᐅᓚᐅᖅᑐᑦ ᖃᐅᔨᓴᕈᑎᒋᔭᕐᑎᓐᓂᒃ ᐃᖃᓗᐃᑦ ᖃᓂᒋᔭᓂᑦ. ᑐᑭᓯᔭᕗᑦ ᐱᑕᖃᖕᒋᓐᓂᖕᒐᓂᑦ ᓴᖅᑭᑉᐸᑦᓚᐊᔪᓂᑦ ᑐᙵᕕᐅᔪᓂᑦ ᑯᑭᒃᓴᓄᑦ ᑕᕝᕙᓂ ᐊᒻᒪ ᑯᑭᒃᓴᕕᓃᑦ ᓇᓂᔭᐅᕙᒃᑐᑦ ᐊᖕᒋᓂᖅᓴᐅᔪᓂᑦ ᓇᔪᖅᑕᐅᕙᓚᐅᖅᑐᓂᑦ ᓱᕐᓗ Sheymark ᐊᒻᒪ Crystal II ᓴᖅᑭᑕᐅᓯᒪᑐᐃᓐᓇᕆᐊᓕᑦ ᓄᓇᓕᖕᓂᖕᒫᖕᒋᑦᑐᓂᑦ.

ᐃᑕᕐᓂᓴᕐᓂᑦ ᖃᐅᔨᓴᕐᓂᖅ ᓇᓂᓯᓚᐅᖅᑐᑦ ᒥᒃᑭᑦᑑᑕᓂᑦ ᐃᓄᙵᐅᑎᑦ ᐱᑐᖃᕕᓂᖕᒋᓐᓂᒃ ᓴᖅᑭᔾᔭᖅᑐᑦ ᖃᖅᑲᒃᑯᓗᒃᑖᖅ Crystal II ᖁᑖᓂ. ᐃᑦᑕᕐᓂᓴᑦ ᑐᑭᓕᐊᖅᑐᖅ ᑕᒃᑯᓯᒪᓚᐅᖅᑐᖅ 77 meters–ᓗᐊᒥᑦ. ᖃᐅᔨᔭᐅᔪᖅ ᐱᖃᓯᐅᔾᔨᔪᖅ ᒪᕐᕉᖕᒃ ᑮᓇᒋᐊᑦ ᐊᓕᒃᑯᐊᕐᓂᒃ, ᓱᕋᑯ ᖁᙳᓴᖅ ᐃᓱᖕᒐᑦ, ᐊᓕᒍᖅ ᓴᕕᕉᑦ ᐃᓕᒃᑯᐊᖅ, ᐊᒻᒪ ᐊᓕᒍᒐᑖᑦ. ᓴᖅᑭᑦᑐᑦ ᑖᒃᑯᐊ ᐃᑦᑕᕐᓂᓴᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᔪᑦ ᓄᑖᖑᓂᖅᓴᓂᑦ ᐃᓄᙵᐅᑎᑦ ᐱᕕᓂᖕᒋᓐᓂᑦ ᑕᕝᕙᓂ ᖃᐅᔨᒪᔭᐅᒻᒪᕆᒃᑐᒥᑦ ᓇᔪᖅᑕᐅᕙᓚᐅᖅᑐᒥᑦ.

ᐃᑦᑕᕐᓂᓴᕐᓂᑦ ᖃᐅᔨᓴᖅᑕᐅᓂᖅ ᐱᓕᕆᐊᖑᓂᐊᖅᑐᖅ ᐅᔭᕋᐅᔪᑦ ᓴᓇᕐᕈᑎᓄᑦ ᑲᑎᑕᐅᓯᒪᔪᑦ Crystal II–ᒥᑦ ᐊᕐᕌᒍ 2013 ᑐᑭᓯᓇᓱᒃᓗᒋᑦ ᖃᓄᖅ ᓴᓇᔭᐅᖃᑦᑕᓚᐅᕐᓂᖕᒋᓐᓂᒃ ᐊᒻᒪ ᐊᑐᖅᑕᐅᖃᑦᑕᓚᐅᕐᓂᖕᒋᓐᓂᒃ ᓇᔪᖅᑕᐅᕙᓚᐅᖅᑐᒥᑦ. ᐸᕐᓇᐅᑎᑦ ᐱᓕᕆᐊᖑᕙᓪᓕᐊᔪᑦ ᐊᑐᖅᐸᓪᓕᐊᓇᓱᓕᕐᓗᒋᑦ ᐊᕐᕌᒍ 2013-ᒥᑦ ᐱᓕᕆᐊᒃᓴᐅᔪᖅ ᐋᖅᑭᒃᓯᒪᕐᑳᕐᓂᕆᓚᐅᖅᑕᖕᒐᑦ ᐊᕐᕌᒍ 2012–ᒥᑦ. ᑖᓐᓇ ᐱᕕᖃᖅᑎᑦᑎᓂᐊᖅᑐᖅ ᖃᐅᔨᓴᖅᑎᓂᑦ ᑲᑎᖅᓱᐃᓂᕐᒥᑦ ᖁᒃᓴᓂᑦ ᖃᐅᔨᓴᕈᑎᓂᑦ ᖃᐅᔨᓴᖅᑕᐅᓂᐊᖅᑐᓂᑦ ᐊᒻᒪ ᐃᓕᓴᕆᔭᐅᓗᑎᒃ ᑐᙵᕕᐅᑐᐃᓐᓇᕆᐊᓕᑦ ᓄᓇᐅᑉ ᐃᓗᐊᓂ.

ᐊᔾᔨᕐᑯᑎ 1. ᒫᓴᒋᕙ ᕕᔭᒃ (ᓯᓚᑦᑐᖅᓴᕐᕕᒃᔪᐊᖅ ᒫᓂᑑᐸᒥᑦ) ᐊᒻᒪ ᐃᓱᓕᑦᑎᓯᒪᔪᖅ ᐃᓕᓐᓂᐊᖅᑎ, ᑕᐃᕕᑎ ᓛᑐᕆ (ᐃᓕᖅᑯᓯᓕᕆᔨ,ᓯᓚᑦᑐᖅᓴᕐᕕᒃᔪᐊᖅ ᒫᓂᑑᐸᒥᑦ) ᖃᐅᔨᓴᖅᑑᒃ ᐅᔭᕋᐅᑉ ᐹᖅᑭᒃᓯᒪᓂᖓᓂᑦ Crystal II ᖃᓂᒋᔭᓂ (Kk-Dn-1), ᕿᑭᖅᑖᓗᒃ, ᓄᓇᕗᑦ.

ᐊᔾᔨᕐᑯᑎ 2. ᐊᓕᒍᖅ ᓴᕕᖕᒋᑦ ᐃᓕᒃᑯᐊᖅ ᓇᓂᔭᐅᔪᖅ ᓄᓇᐅᑉ ᖃᖓᓂᑦ Crystal II ᖃᓂᒋᔭᓂᑦ (Kk-Dn-1) ᕿᑭᖅᑖᓗᒃ, ᓄᓇᕗᑦ.