UNIVERSITY OF CALGARY

Department of Geoscience
Earth Sciences Room 118
Telephone: (403) 220-5841
Fax: (403) 284-0074

June 2016

ᐅᑭᐅᖅᑕᖅᑐᒥ ᒪᕐᕋᕕᓃᑦ ,ᓯᐅᕋᕕᓃᑦ ᐅᔭᕋᕈᖅᓯᒪᔪᑦ ᐊᒻᒪᑦᑕᐅᖅ ᓄᓇᐅᑉ ᐃᑭᐊᖓᓂ ᐊᐅᒪᕕᓃᑦ ᐅᔭᕋᖕᒥ ,ᐊᐅᓯᐃᑦ ᑑᑉ ᕿᑭᖅᑕᔾ ᔪᐋᖓᓂ

ᐊᕐᕌᒍᐊᓂ 2013, ᖃᐅᔨᓴᖃᓚᐅᕋᑦᑕ ᖃᓄᖅ ᓄᓇᔾ ᔪᐊᑉ ᓄᓇᕐᑯᑎᖏᑦ ᓯᑰᖅᑯᔨᔪᑦ ᐊᐅᓚᓂᖃᓱᖑᓂᖏᑦ ᐃᓂᐊᓗ ᐱᒋᐊᕈᑎᖏᓄᑦ ,ᓯᐊᒻ ᒪᔅᓯᒪᓂᖏᓄᑦ ᐃᑦᑕᓐᓂᑦᑐᒃᑯᑦᓗ ᐃᓕᖅᑯᓯᕕᓂᐊ ᑖᒃᑯᐊ ᐅᔭᕋᕈᓕᖅᑎᑦᓗᒋᑦ ᖃᐅᔨᓴᕗᑦ ᓄᓇᕗᒥ.ᓵᓐᖓᖃᓚᐅᖅᑐᒍᑦ ᓄᓇᒥᒃᑕᑉᐸᓂᓯᕗᑐᕈᑉ ᐃᑎᖅᓴᐅᔭᖓᓂ ᕿᑎᖅᐸᓯᐊᑕᐅᐊᖕᓇᖓᑕ ᐊᐅᓯᐃᑦ ᑑᑉ ᕿᑭᖅᑕᔾ ᔪᐋᖓᓂ, ᑖᒃᑯᐊᐅᔭᕋᕈᓐᓂᑯᕕᓂᖏᑦ ᐊᔾᔨᒌᖏᑦᑐᑦ ᖃᐃᓐᖑᒃᑯᑦ ᑕᑯᔅᓴᐅᑦᑎᐊᓐᓂᖏᓄᑦ .

ᖃᐅᔨᓴᕆᓚᐅᖅᑕᕗᑦ ᐅᔭᕋᖏᑦ ᐊᐅᔭᖓᑦ ᔪᓚᐃᒥ 2013. ᑖᓐᓇᖃᐅᔨᓴᐃᓂᕗᑦᑐᓐᖓᕕᒋᔭᐅᑦᓗᓂᒪᕐᕈᓐᓄᑦ ᖁᑦᑎᓐᓂᖅᓴᒧᑦ ᐸᐃᑉᐹᒧᑦ ᖃᐅᔨᓴᖅᑎᓄᑦᑎᑎᕋᐅᓯᕆᓂᐊᖅᑕᖏᑕ ᐃᓕᓐᓂᐊᖅᑑᒃ ᑳᑦᒍᕆᐅᑉ ᓯᓚᑦᑐᖅᓴᕝᕕᔾᔪᐊᖓᓂ. ᖃᐅᔨᓴᕆᑦᓗᑎᒍᑦᑲᑕᒐᖅᐸᑦᓕᐊᑦᓗᑎᒃ ᖃᓕᓈᓕᖅᓯᓐᓂᕕᓂᖏᑦ ᒪᕐᕈᓂᒃ ᓄᓇᐅᔪᓂᒃ ᑕᑉᐹᓂᕿᑭᖅᑕᖓᑕᓄᓇᖏᓂᒃ .ᑕᖕᒫᕝᕕᐊᔾᔪᓐᓂᒃ ᓇᑉᐸᐃᑦᓗᑎᒃ ᑖᒃᑯᓇᓂᖃᐃᔨᓴᖑᔪᓂᒃ .ᖃᖓᑕᔾᔪᑎᓂᒃᐊᑐᐃᓐᓇᕈᐃᑦᓗᑎᒃ ᖃᐅᔨᓴᖅᑎᓄᑦ ᐱᔨᑦᑎᕋᖅᑎᒃᑯᑦ .ᑖᒃᑯᐊᒃ ᐃᓕᓐᓂᐊᖅᑏᒃᐸᑉᐹᒥᔾᔪᑦᑐᖅᑎᒃᑯᑦ .ᑖᒃᑯᐊᒃᐃᓕᖅᑕᕕᓂᒃᐊᒡᒍᖅᓯᒪᔪᓂᒃ ᐅᔭᕋᖃᓐᓂᐅᔪᓂᒃ .ᑖᒃᑯᐊᖃᓕᕆᓕᖅᓯᖅᓯᒪᔪᑦ ᐃᔾᔪᓂᖏᑦ ᖃᐅᔨᓴᖅᓱᑎᑦ ,ᖃᓄᐃᑦᑐᒥᒃᐃᓚᐅᖅᓯᒪᓂᖃᒻ ᒪᖕᒑᖏᓂᒃ ᐅᔭᕋᕈᖅᑐᓂᒃ ,ᐅᔭᕋᕈᓐᓂᑯᓂᒃ ᐊᕝᕗᖅᓱᑎᒃᕿᒥᕐᕈᓇᒐᕐᓴᒥᓂᒃ ᐅᑎᕈᑎᒃ .ᑕᐃᑲᓂᕿᒥᕐᕈᐃᕝᕕᐅᑉ ᐃᓗᐊᓂ,ᑖᒃᑯᐊᐃᓕᓐᓂᐊᖅᑏᒃᖃᐅᔨᓴᖃᓕᖅᓱᑎᒃ ᐅᔭᕋᕐᑯᑎᒥᓂᒃ ᐊᖏᑦᓕᔾᔪᑎᓕᒻᒥᒃ ᐊᑐᖅᓱᑎᒃ ᑕᑯᓇᐅᑎᒥᒃ .ᐅᔭᕋᐅᑉᐃᓕᖅᑯᓯᖏᑦ ᑭᖑᓂᐊᒍᑦ ᖃᐅᔨᓴᖑᑦᓗᑎᒃ ᑑᒃᒍᕆᐅᑉ ᓯᓚᑦᑐᖅᓴᕝᕕᔾᔪᐊᖓᓂ.ᐱᔭᕇᕈᑎᒃ , ᑖᒃᑯᐊᓇᓗᓇᐃᕈᑎᔪᑦ ᖃᐅᔨᔭᐅᔪᑦᓗᖃᐅᔨᓴᕈᑎᖏᑦ ᐊᑐᐃᓐᓇᕈᖅᑕᐅᓂᐊᖅᑐᑦ ᓄᓇᕗᒥᓄᓇᓕᓐᓄᑦ ᐱᔪᒪᑐᐊᕈᑎᒃ ᖃᐅᔨᓴᕆᑎᕕᓂᑦᑎᓐᓂᒃ .ᐅᓂᒃ ᑳᓕᐊᓇᔭᐅᓯᒪᔪᑦᑎᑎᕋᐅᓯᐅᓂᐊᖅᑐᑦ ᖃᐅᔨᓴᖅᑎᐅᖃᑎᖏᓄᑦ ᕿᒥᕐᕈᔭᐅᓲᓂᒃ ᐅᖃᓕᒫᒐᒃᑯᑦ .

Benoit Beauchamp Ph. D, Professor
Department of Geoscience