

A model of the Late Wisconsin Newfoundland ice sheet with applications to mineral exploration

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Techniques of ice sheet modelling developed over the past few years are potentially of great value in drift exploration. The modelling of glacial flow lines can put theoretical constraints upon the source of ore indicators where geological evidence of

ice flow patterns is sparse or absent. The likely basal thermal regime of an ice sheet can be modelled so that the length and geometry of dispersal trains can be predicted.