

**CHARACTERISATION OF A SUBMARINE FLOW-SLIDE AT POINTE-DU-FORT, SAGUENAY FJORD, QUEBEC, CANADA.**

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**Abstract**

The submarine flow-slide of Pointe-du-Fort is situated on the south shore of the Saguenay Fjord, near the mouth of the Baie des Ha!Ha!, Quebec, Canada. About 1.5 million m<sup>3</sup> of material, constituted of clayey silt rhythmites and thin sand layers, were involved in the slide. Surface of rupture would have reached a till contact. Seismic surveys over the displaced mass revealed a multiphase accumulation of the debris. Stratigraphic position of the debris links the event to the 1663 (Ms~7) earthquake. The slide was approximately dated to be over 260 years old (from present day) using sedimentation rates.

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