

## **New Geoscience Data for the Hudson Platform: Opening-up the Last North American Intracratonic Basin to Oil Exploration**

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### **Abstract**

The Phanerozoic Hudson Platform is the least studied sedimentary basin in Canada despite the fact that it is one of the largest sedimentary accumulations in North America. Of all these basins, the Hudson Bay Platform is the only intracratonic basin in North America completely encircled by the Precambrian craton (Fig. 1) and the mechanism responsible for its formation is yet to be fully understood. As part of the 2008-2013 Geo-mapping for Energy and Minerals (GEM) program, the Geological Survey of Canada initiated a research project aimed at generating a better understanding of the geological evolution of the basin that will lead to a modern appraisal of its hydrocarbon potential. Reevaluation of historical geoscience information is in progress, and new data are being currently gathered. The on-going integration of geoscience information will shed new light on the evolution of this basin and lead to the identification of new potential hydrocarbon plays in this oil-prone basin.