

## **Duvernay/Muskwa and Montney Formations Shale Gas Resource Analysis**

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### **Summary**

The Alberta Geological Survey has begun a project to determine the quantity and spatial extent of shale gas resources in the Duvernay/Muskwa Formations and the Montney Formation. We have begun to collect geochemical and geological data from prior publications and have embarked upon sampling core for these strata. A series of geological and geochemical analyses will be run on the samples including isotherms, rock-eval, TOC, organic petrography, whole rock and clay mineralogy, permeameter, porosimetry, scanning electron microscope and thin sections. All data will be available for public download from the AGS website (<http://www.ags.gov.ab.ca>) when the data analyses are complete. The analyses will be accompanied by a series of regional cross-sections and a variety of regional geochemical and geological maps. The purpose of this poster will be to introduce the project, identify the location of the samples and cross-sections and give an update on the status of the analyses.