

## **Interpretation of Quaternary geology using airborne EM and seismic data: Horn River Basin, British Columbia, Canada**

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### **Abstract**

This paper presents the results of a combined seismic and airborne electromagnetic (AEM) interpretation of the shallow Quaternary sediments and bedrock within an area of the Ootla 3D seismic survey carried out by Arcis Seismic solutions. The integration of the two data sets provided a more comprehensive interpretation than either data set on its own. Several potential paleochannels were located and the AEM data was shown to be able map the bedrock topography with enough accuracy to