# COLDSTREAM PROPERTY WEST SHEBANDOWAN GREENSTONE BELT BURCHELL LAKE AREA DISTRICT OF THUNDER BAY NORTHWESTERN ONTARIO NTS MAP SHEET 52B/10

## TECHNICAL REPORT NI 43-101

# **Prepared For**

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# **1.0 SUMMARY**

The Coldstream property is located in the Burchell Lake area, approximately 115 kilometres west of Thunder Bay, Ontario.

The property consists of 71 patented claims and licenses of occupation, and 55 staked claims totaling 4,357 hectares. On April 6, 2009, Foundation Resources Inc. ("Foundation") entered into an option agreement with Alto Ventures Ltd. ("Alto") wherein Foundation can acquire up to a 70% interest in the Coldstream property by spending 3 million dollars over a four-year period on the property. Prior to this agreement Alto Ventures Ltd. held 100% interest in the property, which is subject to net smelter return royalties on certain claims.

The Coldstream property is located within the western Shebandowan greenstone belt of Wawa sub-province. The subprovince extends for approximately 850 km from the Kapuskasing Structural Zone in northeastern Ontario to west-southwest in the Minnesota River Valley area (U.S.A.). The Wawa Subprovince is home to some of the largest shear-hosted lode gold deposits (e.g., Hemlo gold camp), volcanogenic massive sulphide deposits (e.g., former Geco and Winston Lake zinc mines), and mafic to ultarmafic intrusion-hosted Ni-Cu-PGM deposits (e.g., former Shebandowan mine) in Canada.

The property is underlain by Archean mafic and intermediate to felsic metavolcanic rocks which have been intruded concordantly by numerous sills and dikes of gabbro, diorite, quartz and quartz-feldspar porphyries. The mafic metavolcanics and associated synvolcanic gabbroic intrusions dominate the northeastern, felsic to intermediate metavolcanic rocks being the most predominant lithologies in the central and southwestern parts of the property. Syn- to post tectonic composite granitoid plutons bound the Coldstream claims from virtually all sides.

The most significant structure from an economic point of view is a major, northeaststriking regional structure, the North Coldstream-Span-Moss shear zone (NCSZ-SMSZ), which extends from northeast to southwest from the northeast end of the property to south-central Moss Township, a strike length of more than 25 km of which 15 km alone is on the Coldstream property. The structure, which is characterized by variably deformed and altered host lithologies (e.g., sericite, silica, hematite-magnetite, potassium alteration), forms a mineralized corridor of significant strike length. It is host to significant gold and Cu-Au mineralization both on and adjacent the Coldstream property. The East Coldstream, North Coldstream, and Burchell deposits are located within the Coldstream property, and the Moss Lake deposit is located immediately southwest of the southern most claim boundary of the Coldstream property.

The past producing North Coldstream Cu-Au Mine and the East Coldstream gold deposit are located in the northeastern part of the Coldstream property. In the southwestern part of the property the Burchell deposit, consisting of 9 highly anomalous gold zones, is located adjacent to Moss Lake Gold Mines Ltd. gold deposit.