

# Iron Oxide-Copper-Gold Exploration in Central Nova Scotia

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Minotaur, in joint venture with Dundee Precious Metals Inc., has significantly progressed its iron oxide-copper-gold (IOCG) exploration program along the Cobequid-Chedabucto Fault Zone (CCFZ) of central Nova Scotia. In its first year, a major regional gravity survey was completed across 3 600 square kilometres and more than 23,000 claim blocks. This has included data collection across tenements under option agreements with a number of prospectors.

The regional gravity data allow an integrated, synoptic interpretation of the geology, structure and alteration in the region, and allow areas of greater prospectivity to be selected for further work. Areas of lesser perceived prospectivity are being released. Initially, the areas of interest are diffusely defined because of the irregular and low density of gravity station coverage. These areas, approximately 50% of the original area, were then subjected to additional gravity data collection to increase station density and resolution. Subsequently, twenty-eight high priority target areas were defined for detailed evaluation.

High priority target areas comprise regions of gravity anomalism that coincide with major structural features, appropriate felsic and mafic magmatism, and significant geochemical and alteration anomalism. Each of these high priority target areas is being investigated through detailed mapping, sampling and inspection of outcrops for lithology, alteration and geochemical and petrophysical anomalism. Some key regions currently under intense investigation include New Salem, Parrsboro, Bass River, Folly Lake, Londonderry, East Mines, Saltsprings, Copper Lake and Indian Lake.

Field and laboratory data will be integrated with geophysical data for ranking of potential drill targets. Detailed 3-D inversion modeling of potential field data will be used to plan appropriate drill collars, a process that is expected to take some six months. Drill testing will then occur on selected targets.

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