Barker Bay Gold Project

Location: Kenora Mining division, Northwestern Ontario (South of Dryden)

Access: Cedar Narrows logging road, off of highway 502

Ownership: 100% Shear Gold Exploration corp. (excluding patent)

Commodity: Gold

Permits: Drilling, trenching, geophysics permits in place for Barker Bros mine area

Summary

The 2000 hectare property is located in the Manitou Lakes region approximately halfway between Dryden and Fort Frances, ON. Recent prospecting and historic exploration has identified at least three gold bearing sub-parallel structures. Two documented historic mining operations are located on the property, the Barker Bros. Mine and the Petrie Mine. In addition, a third shaft was identified during geologic mapping in the 1980's on a parallel structure east of the Petrie Mine. Historic records indicate the Barker bros mine averaged 90g/t Au in the first 8 tons of ore milled, production records for the Petrie mine and the undocumented "mystery shaft" have been lost. Limited Prospecting has returned up to 22g/t Au at the Barker Bros mine, and up to 11g/t at the Petrie Mine. Gold is hosted in quartz veins and in wall rock of shear zones which may be up to 10m wide. Intrusive feldspar porphyry units have also been identified in close proximity to the historic gold mines and may be an integral part of the mineralizing system. The properties geological similarities to the Kenwest deposit operated by Dryden Gold (52000 g/t gold intercept) underscore the strong potential for ultra-high grade gold mineralization.

Geology

The Barker Bay project is in the Western Wabigoon Subprovince of the Superior Craton. Located within the Manitou-Eagle-Wabigoon Greenstone belt, the project cover most of the synclinal arm of the larger Manitou Anticline. The Manitou straights fault, a major deep crustal scale fault is 2-4km southeast of the project area. This fault is the major controlling structure in the area, with almost all gold occurrences in the area within several kilometers of it.

The property is primarily underlain by mafic volcanic flows which are intercalated with thin felsic horizons. Shear zones and quartz veins develop across the property and are the primary host of gold. Late felsic intrusive rocks (quartz-feldspar porphyries) have also been identified.

This project is 2km from the Gaffney Patents, which has up to 60m of 2g/t and about 20km from the Elora Gold project, which is the main focus of exploration by Dryden Gold corp.

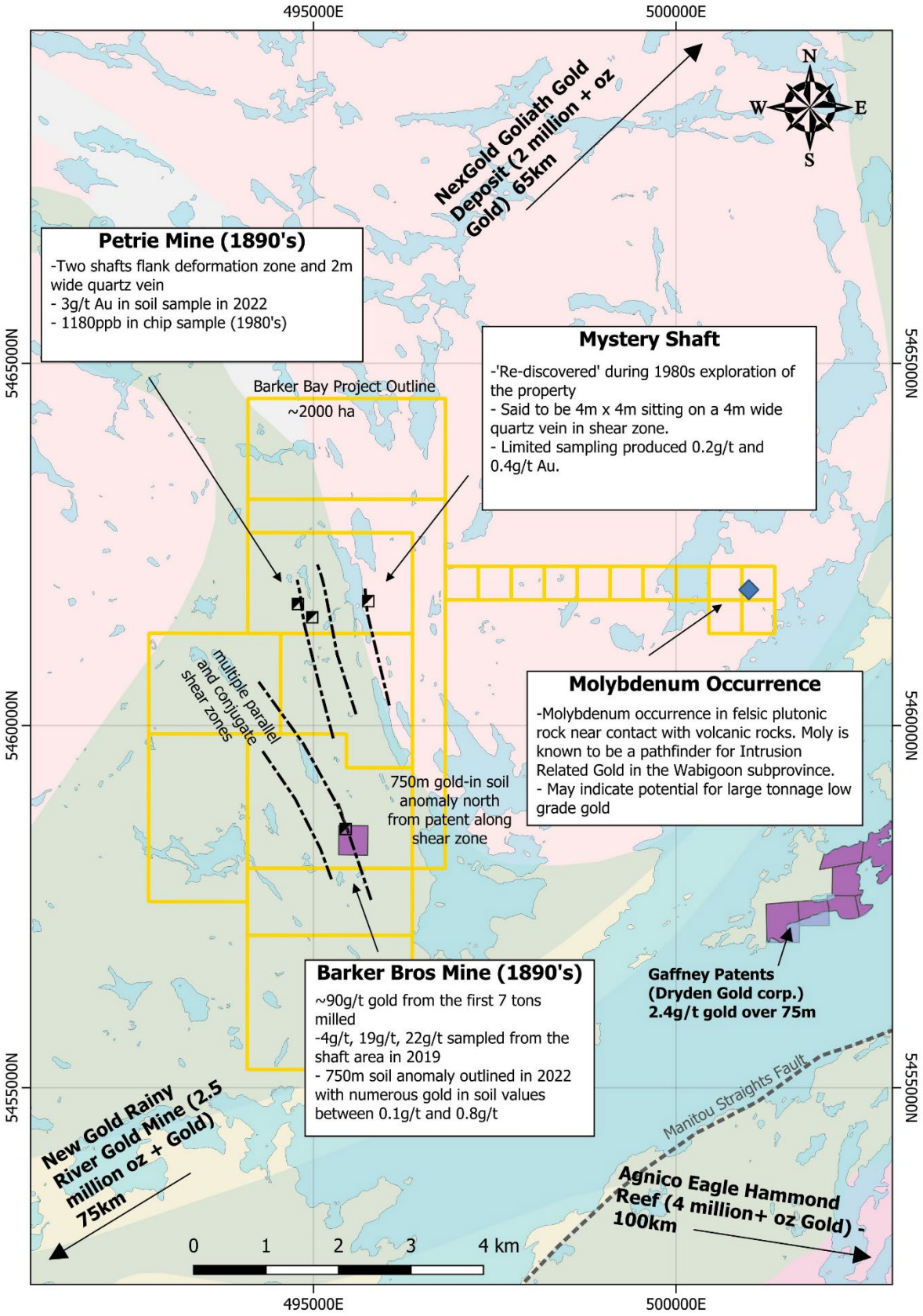
Exploration History

1890's: Development and operation of the Barker Bros and Petrie mines

1980's: Ground magnetic, EM surveys and geologic mapping by Tech, Lancana, Blackcliff mines.

2020: Property evaluation, grab samples up to 22g/t at Barker Bros mine

2022: Soil sampling identifies 700m gold in soil anomaly along strike of the Barker Bros mine



contact Ryan Hrkac for more information, ryanhrkac@sheargoldex.com