



DIOS
EXPLORATION

SOLO GOLD PROJECT (33C04-05) SUMMARY

Claims Status: 58 contiguous CDC (map-staked mining cells) for 30,6 sq. km presently staked in the 33 C04-05 NTS, James Bay, Quebec.

Location and topography: the **SOLO project** is located about 30 km due west of the Km381 Relay and of the Matagami-Radisson road. The project could be worked by helicopter from km the 381 Relay camp and its heli-base. The physiography is rather flat with extensive swamps with adjacent sparsely black spruce-moss cover (googleearth). The property is located between the Opinaca River to the north, and the Eastmain River to the south.

Regional and local geology: the geology underlying the **SOLO** area (33C03-04-05) is part of the La Grande Sub-province, and the Archean Lower Eastmain greenstone-belt; and was previously mapped by the GSC (Eade, 1965) and Quebec government (Moukhsil et al., 2001). The **SOLO property is located within the Eastmain Group, and more specifically within the Wabamisk Formation. Previous (1996-1999) Barrick Gold and (1985-1996) Westmin mapping programs outlined a folded (east-west oriented syncline deversed to the south; i.e. dips to the north) volcanic sequence that is dominated by sinter to lapillis-blocks felsic-intermediate tuffs, banded iron-formation (BIF)/ chert, intermediate and mafic volcanics (Bernier, 1996, 1998). The Opinaca- LaGrande Subprovinces contact is located from two to four kilometres south of the SOLO property.**

Further to the southeast (15 and 20 km) along the same stratigraphy, the Lidge (11.42 g/t Au/1.3m) and the Lucille (2.42 g/t Au/4m & 1.73 g/t Au/6m) gold showings are hosted along the same Wabamisk Formation. The Lidge showing is hosted in a metric felsic cherty tuff with quartz veining, disseminated pyrite-pyrrhotite and fuschite alteration. It was outlined by I.P. and soil (Au-As) geochemistry. A quartz phyric (QP) felsic plug is present 2 km to the NW of Lidge zone. The Lucille showing is hosted within an altered & deformed iron formation with disseminated pyrite-arsenopyrite near the southern felsic-mafic contact (the latter is well outlined by a low mag signature). Both showings were drilled laterally (about 200m-spaced for a kilometre each) and returned anomalous but significantly lower gold assays.

Previous work: In 1965, Eades carried out regional mapping over the James Bay territory for the GSC. In 1975-76, SDBJ (Societe de Developpement de la Baie James) completed two-mile spaced lake sediment geochemistry survey over the region (gm?).

From 1985 to 2005, gold exploration was carried on the Lac Elmer volcanic center by Eastmain Resources 1987-2007 (GM 63479, 63478, 55495, 54668, 54391, 52428, 52587, 52428, 50430, 48733, 47603, 45087, 43421, 42403), Barrick 1996-1999 (GM 57311, 57310, 55976, 55908, 55866 55854, **55790**, **54392**, 54391.), Westmin 1985-1996 (GM 42403, 42424, 43421, 46423, 46924, 46925, 48589, 49335, 49496, 48311, 50430, 52587, 54668), Phelps Dodge 1994-1997 (52433, 54820), Augyva 1997-2007 (GM 54932, 63528), Cambior 1999-2000 (GM 57506), SOQUEM-INCO 2003 (GM 61565), ELORO 2006 (GM 62941) and Virginia 2006-2008 (GM 62652& 63970).

High points of the SOLO project for gold:

- Covers a (minimum) 5 km strike length of untested (and non-outcropping) inputs/ induced polarization anomalies (GM 55790).

-The geophysical anomalies are coincidental with a moderate east-west striking gold soil anomaly (S2 anomaly: humus anomaly > 92% percentile=20-39 ppb Au that was previously outlined (GM 54391) and detailed (humus >6 ppb Au, up to 14 ppb Au; humus >4 ppm As; humus >5 ppm Pb; humus >0.8 ppm Sb; GM 55866) by Barrick regional Elmer Lake program. The soils anomalies are limited to the west by wet swamps.

-Both geophysical and geochemical anomalies are located along the northern flank of a regional syncline hinge-fold (structural trap), and may correspond to the contact between felsic tuffs and intermediate volcanics.

-Adjacent tuffs and banded iron formation may work as a chemical trap.

-The anomalies may be located along the same stratigraphy that hosts the Lidge and Lucille gold showing (respectively 15 and 20 km) to the east.

-The S2 anomaly is also located within 2-3 km south-southeast of a (3 x 1 km) tonalite plug.

-The test-drilling of the S2 anomaly was previously proposed by Barrick (as a Priority 2 target, gm 55790).

-A gold occurrence (5 g/t Au; Grid A-16 showing) in disseminated pyrite within felsic tuffs is present 2 km to the east.

-The general geological environment suggests a potential for Bousquet-type gold mineralization or intrusion-related type (Atypical Greenstone Hosted Deposit).

-A kilometric tonalite plug cut by the Opinaca Fault is a favourable porphyry-gold target in the northern part of the property.

Recommendations:

After a field relocation of Barrick grid#1, it is recommended to test-drill the I.P. anomalies coincidental with the soils anomalies. Systematic sampling of the tonalite is also recommended.

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