

EAGLE - PROJECT SUMMARY - 1990

Jan/1991

LOCATION/ACCESS:

Situated 90 km northwest of Fort St. James along the south shore of Tchentlo Lake. Access to the property can be gained by boat from Tchentlo Lodge or by float plane and helicopter out of Fort St. James. The Mt. Milligan Cu-Au porphyry lies 55 km to the east.

N.T.S.: 93 N/02

COMMODITY: Cu, Au

CLAIMS AND PROPERTY STATUS:

Eagle 1-9 123 units
Norex has the option to earn 100% interest in Eagle 1-5 by making total payments of \$628,000 in payments over six years, subject to a 1% NSR on base metals and 2% NSR on precious metals. Remaining claims are owned by Norex.

PREVIOUS WORK/HISTORY:

1966-74 Soil geochem, mag, IP and minor drilling by West Coast Mining and Borunda Expl. Co. Ltd.
1988 Eagle 1 & 2 staked by W.H. Halleran
1989-90 Norex; linecutting, IP, mag, soil geochem, geological mapping, mag and IP surveys. Eagle 3 to 9 staked by Norex.

GEOLOGICAL SETTING:

The property lies within Upper Triassic-Lower Jurassic Takla Group volcanics and intrusives of the Quesnel Trough. The Eagle 1, 2, 5 claims are largely underlain by dioritic to gabbroic and monzodioritic phases of the Hogem Batholith. On the Eagle 3 and 4 claims, these intrusives are in contact with altered and hornfelsed Takla volcanics and sediments which underlie the remaining claims.

MINERALIZATION:

Four significant showings have been identified to date. Three, the Nighthawk, Mid and Vector are Cu-Au stockwork zones within the Hogem whilst the fourth, the Gibson is a Au-Ag rich polymetallic basemetal vein or massive sulphide zone in hornfelsed Takla volcanics.

The Nighthawk showing consists of an intense sulphide vein stockwork in potassically altered diorite within a NW-SE shear zone. Mineralization consists of cpy-po-mag in the veins and as large pods. Grab samples have returned values of up to 7.5% Cu and 2.1 gm/t Au. The zone is discontinuously exposed over 200 m strike length and 20 m width.

The Mid zone appears to be related to the same structural zone as the Nighthawk, but is less intensely altered and fractured; the main mineralization occurs as two massive py-mag veins up to .6 m wide containing minor cpy. Grabs returned values up to 1.3% Cu and 1.6 gm/t Au.

The Vector showing is a vein stockwork like the Nighthawk, however, in this area magnetite is the main vein filling mineral with lessor cpy. Alteration is more chloritic, and massive magnetite veins up to .3 m wide are common. Grabs from this zone range up to 3.9% Cu and 3.46 gm/t Au. The showing is discontinuously exposed over 300 m of strike length and is up to 30 m wide.

The Gibson showing is quite different although may be related to similar NW-SE shearing. Mineralization exposed in two small hand trenches consists of heavily oxidized fine grained massive sulphide breccia veins within silicified and sericitic volcanics. Sulphides consist of massive to fine grained galena, arsenopyrite, sphalerite, chalcopyrite and pyrite. Chip samples across the exposed zone range up to 12.9 gm/t Au, and 145 gm/t Ag over 1.5 m.

GEOCHEMISTRY:

Strong soil geochem Cu-Au anomalies occur over the 4+ km strike length of the structure containing the Nighthawk, Mid and Vector zones. Values range up to 7000 ppm Cu and 4700 ppb Au. The main anomaly (200 ppm Cu threshold) is 1600+ m long and up to 400 m wide.

Soils on the Gibson grid contain several strong As +/- Ag, Pb anomalies up to 600 m long and 250 m wide. The showing sits at one end of the longest anomaly.

GEOPHYSICS:

A strong IP chargeability anomaly flanks the SW side of the Nighthawk-Vector structure. This anomaly is up to 500 m wide at +20 ms and 1600+ m long. The Gibson showing and soil anomalies have similar strong coincident chargeability anomalies which are up to 75 m wide and as extensive as the geochem anomalies.

HISTORICAL EXPENDITURE:

1989 - \$109,782
1990 - \$190,000 (approx)
Total \$299,782

Underlying Agt.

AGREEMENTS

PROJECT: 284 Eagle Halleran Option

OWNERSHIP:

Halleran et. al 100%
Noranda to earn 100% interest subject to a NSR (1% of base metals, 2% of precious metals) reserved for the Vendors.

CASH PAYMENTS:

Total of \$628,000 by August 15, 1995 as follows:

\$ 2,000	upon signing
\$ 10,000	on August 15, 1989
\$ 16,000	on August 15, 1990
\$ 30,000	on August 15, 1991
\$ 60,000	on August 15, 1992
\$ 90,000	on August 15, 1993
\$120,000	on August 15, 1994
\$300,000	on August 15, 1995

WORK EXPENDITURES:

Total of \$4,000 by December 31, 1989

REPORTING: Upon termination

UPON VESTITURE:

Norex	100%
Vendors	NSR - 1% on base metals 2% on precious metals

DILUTION: N/A

COMMENTS:

- Norex operator, 15% administration included in expenditures
- 30 days notice of termination of option to Vendors
- Norex to record all work performed on claims for assessment
- after termination, claims to be in good standing for at least one year
- Norex has right of first refusal on NSR

TCHENTLO LAKE

VECTOR SHOWING

3.9 % Cu, 3460 ppb Au
 0.41 % Cu, 2220 ppb Au
 1.49 % Cu, 580 ppb Au

MID ZONE

1.3 % Cu, 1600 ppb Au
 0.35 % Cu, 520 ppb Au - chip over 2.4 m
 0.55 % Cu, 650 ppb Au

NIGHTHAWK SHOWING

3.69 % Cu, 950 ppb Au
 7.57 % Cu, 2070 ppb Au
 1.5 % Cu, 950 ppb Au

GIBSON SHOWING

0.33 % Cu, 10.47 g/t Au, 207.58 g/t Ag, 30.18 % Pb
 0.14 % Cu, 5.8 g/t Au, 231.2 g/t Ag, 3.4 % Pb

WESTMIN

B.P.

OPEN



REVISED	EAGLE OPTION	
	- Copper > 100 ppm	
	- Arsenic > 100 ppm	
PROJ. No.	SURVEY BY:	DATE: Oct. 90
N.T.S. 93N/2	DRAWN BY:	SCALE:
JWG.No.	NORANDA EXPLORATION	
	OFFICE: Prince George	

NB Preliminary Sketch Map.