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Quet Claims

826175

92G/16

Memorandum

To: Des, Kieran
From: Koen & Noel
Date: November 22, 1990
Subject: Quet Claims, 1991 Exploration Programme.
Ref: Arb\Quet91.Bgt
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General

For the purpose of follow - up exploration in 1991 the Quet claims can be divided in to two areas:

A) South Ridge Zone - area where Noranda concentrated their exploration efforts in 1990; includes ridge area between North Sloquet and Sloquet Creeks.

B) Remainder of the property.

A) South Ridge Zone

Exploration to date has been concentrated in this area culminating with seven hole drill program in late '90. Of the 1500m extent of the zone, all drilling was in eastern 600m, with only three holes drilled at planned collars, one hole below target and one abandoned. Results were mixed, generally confirming surface values but indicating additional structural complexity to the observed geology. However the Noranda program to date has not fully evaluated the South ridge area and many of their own recommendations, remain to be followed up.

i) Drill Targets

a) The 306 +00E prospect area, with high coincident soil geochem and I.P. remains to be drill tested. Three drill holes planned for this area could not be completed due to difficulty of access. Mineralisation occurs on steep bluffs and will require blasting for drill road and pad construction. I.P survey lines should be run over the detailed grid area from 300+00E to 305+00E. Surface rock chip sampling and further mapping should precede drilling.

Quet Program 1991
cont'd..

B) Remainder of property.

Apart from the Southridge Zone little work was carried out over the remainder of the property in 1990.

i) Geophysical Anomalies

The airborne geophysical survey has outlined a number of "apparent resistivity low" anomalies which are considered to indicate potential anomalous conductance within near surface bedrock.

These areas are: (refer to Aerodat Map no. 6, Noranda report.)

1. Approximately 800m North of North Sloquet Creek along line 300+00E.(line 1030 @ 16:47:00, Aerodat map). In an attempt to follow this up, this area was soil sampled on three 100m spaced lines during 1990 and returned spotty anomalous gold values (Northridge anomaly). However the soil lines were based on a first look or "red ball" interpretation map which misplotted the anomaly and soil lines were over 100m west of target area. The anomalies occur in an area underlain by very pyritic tuff.

2. The northwest of the claim block, next to the northern boundary of the property (line 1034 @ 17:09:02).

3. The mid - east part of the claim block (line 10,050 @16:51:36).

4. The south of the claim block (line 10280 @ 14:49:41). This area is broadly coincident with the Danbus soil anomaly, mentioned above.

These areas should be further investigated by prospecting, mapping and soil sampling (where appropriate).

Known Showings

A known showing occurs N of Simpson Creek in the next valley. The location of outcrop grab sample 88 QD 26, which assayed 0.016 oz/t Au, 1.34 oz / t Ag 1.21% Cu, 7.02% Pb and 21.2% Zn should be revisited and the area prospected in detail. The outcrop occurrence should be trenched and possibly blasted to allow for collection of fresh samples. This sample was collected during the 1988 Aranlee field program in the Simpson creek area. Access to this part of the claim block is still poor and a helicopter fly camp would be needed to follow up this showing. No attempt to locate or follow up this occurrence has been made since its discovery.

Quet Program 1991

South Ridge Zone/Drill Targets ..cont'd

b) Dan's Showing Area, Lower Showing, 350E Showing. This western end of the South Ridge zone contains three known showings from the 1989 program, including the discovery area. While geochem in the area is generally low, rock chip values are comparable with much of the eastern area and base metal values are generally higher. In addition much of the mineralisation observed appears to be in the lower "Dark grey purple lapilli tuff unit", presenting the possibility of a second mineralised horizon. The previously completed IP survey should be extended to cover this area, and based on its results at least six holes should be drilled to test both target horizons.

ii) Soil Anomalies

A number of soil geochemical targets generated during 1990 remain to be followed up. These are in order of priority :

a) J.A.D.S. soil anomaly.

This anomaly occurs on the south side of the ridge between 306+00 E and 310+00 E from 293+50N to 297 +00 N (Noranda Grid). This area needs to be prospected, mapped and rock sampled in detail with follow up I.P. survey if warranted. From a percursory examination in 1990 the area is underlain by pyritised felsic tuff similar to the mineralised unit on the north side of the ridge and possesses a similar magnetic signature.

b) Other anomalies

A number of other small soil anomalies occur on the 1990 reconnaissance soil sampled grid. The most significant of these is the Danbus anomaly, discovered by Danbus but confirmed by Noranda, which occurs east of the J.A.D.S. anomaly. Primarily a zinc anomaly with low Au values, it coincides approximately with an apparent resistivity low (see below).

QUET PROJECT

A proposed budget for 1991 is presented below.

Phase 1 SIMPSON CREEK AREA (4 weeks/28 days)

Geological

Mapping/sampling programme to cover SC showing, Northern GP anomaly, and northern portion of property

2 Geologists @ \$350 each per day 19,600

Prospecting

Follow up showings/soil anomalies/recce untested areas

1 prospector @ \$200 per day 5,600

Geochemical

Contour Soil Sampling on N slope, follow up on 87/88 anomalies

400 rock samples @ \$17 per sample 6,800

500 soil samples @ \$14 per sample 7,000

1 soil sampler/field assistant, @ \$160 per day 4,480

Field costs

Fly Camp in Simpson Creek Valley

Food and Accom: 112 man days @ \$25 2,800

Helicopter support :10 hrs @ 650 6,500

Truck Rental 30 days @ \$80 per day 2,400

Camp Rental 4 weeks @ \$200 per week 800

Radio Rental (Icom H16's and SBX 1-11) 600

Geological supplies 1000

Drafting and report preparation 3,000

Subtotal 60,580

Contingency (10%) 6,000

TOTAL 66,586

Phase 2 SOUTH & NORTH RIDGES/ SLOQUET CREEK AREA (4 weeks/28 days)

Geological

Mapping/sampling programme to cover Northern Ridge including GP anomaly, and southern portion of property (South Sloquet Creek)

2 Geologists @ \$350 each per day 19,600

Prospecting

Follow up soil anomalies/recce untested areas

1 prospector @ \$200 per day 5,600

Geophysical

IP Grid extended to cover western end of South Ridge and selected areas North Ridge or Sloquet creek Valley.

4 line Km's All Up cost @ \$4,000 per km 16,000

Geochemical

Detail Soil Sampling on N Ridge slope, follow up on 88, Cominco and Danbus anomalies

300 rock samples @ \$17 per sample 5,100

500 soil samples @ \$14 per sample 7,000

1 soil sampler/field assistant @ \$160 per day 4,480

Field costs

Board and Lodging at Lynhams Logging, N. Harrison Lake 4,480

Room and Board. 112 Man Days @ \$40p.d 4,800

Trucks Rental 2 x 30 days @ \$80 per day 500

Fuel, Gas etc 300

Radio Rental (Icom H16') 1,000

Geological supplies 4,000

Road Repair

Drafting and report preparation 3,000

Subtotal 75,860

Contingency (10%) 7,600

TOTAL 83,460
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