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May 17, 1987

MARBLE 1-5 MINERAL CLAIMS
Vancouver Mining Division, B.C.
NTS 92J/3E
Latitude 50°01'N, Longitude 123°00'W

Summary and Conclusions

The Marble 1-5 mineral claims cover two previously investigated gold-silver bearing quartz vein structures 6 miles south of the Northair gold-silver deposit.

Interesting gold values have been obtained from randomly oriented quartz veins in granitic rocks marginal to two north-trending shear zones. This setting is at variance with other known gold-silver mineralization in the immediate area which is hosted by Lower Cretaceous Gambier Group volcanics and sediments. These rocks are marginal to the granitic rocks on the Marble property.

The property has excellent access and a thorough program of geological mapping and rock sampling could be carried out at a relatively modest cost.

Introduction

A field examination of the Marble claims near Daisy Lake north of Squamish was carried out May 13 with Jim Cuttle, owner. Three grab samples were submitted to Min-En Labs for geochemical analysis.

Location and Access

The Marble property is immediately east of Daisy Lake 60 highway miles north of Vancouver. Access through much of the property is by a network of old and recent logging roads which join Highway 99 a short distance north of the Callaghan Creek bridge.

Mineral Property

The Marble 1-5 mineral claims (44 units) comprise the available property owned by Jim Cuttle, 103-1612 St. Georges Ave., North Vancouver, B.C. V7L 3J7, telephone 604-986-8933.

Cuttle also owns an additional 22 units which adjoin the main property on the north.

Previous Work

The present property covers ground held previously by Acacia Mineral Development Corporation Ltd. Base metals vein structures with gold and silver values were investigated between 1976 and 1982. Work included geochemical and geophysical surveys, trenching and 2500 feet of diamond drilling in 10 holes.

Records of most of the Acacia work are contained in a number of assessment reports.

Geological Setting

The Marble claims are within the southwest part of the Coast Plutonic Complex. Principal rock types on the property are Coast granitic rocks, the southern extension of the Calaghan Creek pendant and small remnants of Young Garibaldi volcanic rocks.

Property Geology and Mineralization

The central part of the claims area is underlain by uniform leucocratic quartz monzonite which is in contact with Lower Cretaceous Gambier Group volcanics and sediments on the west and south. Remnants of Garibaldi volcanics occur on the northern claims and numerous basalt dykes related to these volcanic rocks intrude the granitic rocks.

Two subparallel north-trending shear zones, 25-100 feet wide, transect granitic rocks near their western contact with Gambier Group volcanics and show up well on VLF-EM surveys. Granitic rocks within the shear zones are markedly fissile and contain abundant sericite.

Immediately east of the shear zones, within a small grid area, more massive quartz monzonites contain numerous randomly oriented quartz veins and veinlets. Most veins consist of sugary white quartz and range in width from less than 1 inch to a few feet. Grab samples from a number of these in the north part of the grid range from 100 to 3400 ppb gold. Silver values are in the 2-3 ppm range. Best value obtained assayed 2.4 opt gold and included a narrow quartz vein with some fine pyrite.

Better gold values appear to be from 1 ft. wide, east-west gently dipping veins. Wallrock alteration adjacent to veins is slight with only a thin rim of sericite-chlorite. Density of quartz veins is not known.

The grid area lies between two quartz vein structures in shear zones previously drilled by Acacia Minerals.

A new showing, just south of the grid area at an elevation of 2200 feet, includes a narrow north-trending quartz-sericite vein with 5-10% pyrite marginal to a basalt dyke.

Samples collected include:

30246 - Grab from vein previously assaying 2.4 opt Au

30247 - Rusty quartz vein at Line 1+00S 0+75E on grid

30248 - Grab from new showing

The geological setting of the geochemical gold values is unlike other known gold-silver occurrences and deposits in the immediate area. Northair deposits, 6 miles north are quartz veins conformable to flow banding in Gambier Group volcanics. This deposit had average recovered grades of 0.34 opt gold and 2.5 opt silver from 345,000 tons milled between 1976 and 1982. 4.4% combined lead-zinc was also recovered.

The Van Silver deposits, also west of highway 99, include quartz veins in shear zones and at least one skarn zone with precious metals values. The veins drilled by Acacia Minerals were hosted by both sheared granitic rocks and Gambier Group volcanics.

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June 1, 1987

Mr. Alvin W. Jackson
Regional Geologist
Cyprus Metals Company
7200 South Alton Way
Post Office Box 3299
Englewood, Colorado 80155
U.S.A.

Dear Alvin:

Re: Marble 1-5 Mineral Claims
Vancouver Mining Division, B.C.

Analytical results are now in hand (see attached) for three samples referred to in my summary report of May 17, 1987.

The sample from the 'high grade area' returned 470 ppb gold and 2.1 ppm silver while a quartz vein near the north property boundary yielded only low values. A sample from the new showing south of the grid area had encouraging values of 1075 ppb gold and 5.0 silver.

I enclose an invoice covering time and expenses and will be in touch with you by telephone next week concerning our discussions in Vancouver recently.

Yours very truly,

N.C. Carter

MIN-EN LABORATORIES LTD.

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Certificate of GEOCHEM

Company: NICK CARTER
Project:
Attention: NICK CARTER

File: 7-422/P1
Date: MAY 15/87
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AU-FIRE PPB
30246	2.1	470
30247	0.5	61
30248	5.0	1075

Certified by _____



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