



## Occurrence Details

**Occurrence Number:** 115A 036

**Occurrence Name:** Archibald

**Occurrence Type:** Hard-rock

**Status:** Showing

**Date printed:** 8/2/2025 6:03:56 PM

## General Information

**Secondary Commodities:** copper, gold

**Aliases:** Colton, Green, Js

**Deposit Type(s):** Vein Au-Quartz

**Location(s):** 60°46'37" N - -137°45'4" W

**NTS Mapsheet(s):** 115A13

**Location Comments:** 1 Kilometres

**Hand Samples Available:** No

**Last Reviewed:**

### Capsule

#### Work History

Staked as JS cl (Y10487) in Sep/66 by Golden Gate EL following an airborne magnetometer survey flown in August. Restaked as Green cl (YB8613) in Oct/87 by B. Lueck and as Colton cl (YB24624) in Dec/88 by Harjay EL, which did mapping and prospecting later in the year and tied on Vail cl (YB25501) to the north in Mar/89. Noranda ECL prospected and mapped on the Vail cl in 1989 and both claim blocks were transferred to Noranda in Jan/90. Noranda conducted mapping, soil sampling and a magnetometer survey in 1990, and relinquished its option in 1991. D. Makkonen staked Ruby cl 1-4 (YC08481) 2 km to the north in Dec/97.

#### Capsule Geology

Gold occurs with pyrrhotite and chalcopyrite in a quartz-carbonate stockwork cutting rusty siliceous argillite in the hanging wall of a serpentinized gabbro-peridotite sill. The sill is about 150 m thick and at least 4 km long. A specimen from the main showing assayed 19.7 g/t Au, and a quartz-sericite vein nearby contained 2.5% Cu and 1.5 g/t Au. The lower chilled margin of the sill contains visible sulphides and anomalous copper, chromium and nickel. High grade copper was found in foliated greenstone boulders in the creek at the south end of the property. Specimens assayed up to 6.3% Cu. Noranda's work in 1990 outlined a gold soil anomaly 1.5 km long and 20 wide, with values up to 1270 ppb Au. Within this area, 2 zones of >200 ppb Au coincided with a 100 m wide zone of anomalous copper. Rock samples assayed up to 3.1 g/t Au and 2.3% Cu.

#### References

GOLDEN GATE EXPLORATIONS LTD, Sep/66. Prospectus Report by J. Sullivan.

HARJAY EXPLORATION LTD, 1989. Assessment Report #092830 by G.S.Davidson.

NORANDA EXPLORATION CO. LTD, Nov/90. Assessment Report #092902 by D. Heon.

YUKON MINING AND EXPLORATION OVERVIEW 1989, p. 10.

### Work History

Date	Work Type	Comment
12/31/1990	Geology	
12/31/1990	Geochemistry	
12/31/1990	Ground Geophysics	
12/31/1989	Geology	
12/31/1989	Other	
12/31/1988	Geology	
12/31/1988	Other	
12/31/1966	Airborne Geophysics	

### Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
<a href="#">097103</a>	2017	Prospecting, Geological and Geochemical Survey Report on the Pacer Property	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology		

<a href="#">096646</a>	2013	Geology, Ore Mineralisation and Economic Potential of the Pacer Cu-Au-Ni-PGE Prospect, Kluane Ranges, Yukon Territory	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology		
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**Related References**

Number	Title	Page(s)	Reference Type	Document Type
<a href="#">2014-18</a>	Preliminary bedrock geology of the Mt. Decoeli area (parts of NTS 115A/12, 13 and 115B/9, 16)		Yukon Geological Survey	Open File (Geological - Bedrock)
<a href="#">ARMC013568</a>	Property submission: Wally Green prospect - Dezedeash area		Property File Collection	Report