



Occurrence Details

Occurrence Number: 1150 063
Occurrence Name: Gold Run
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 12/16/2025 4:48:49 PM

General Information

Secondary Commodities: gold, silver
Deposit Type(s): Vein Au-Quartz
Location(s): 63°47'31" N - -138°46'1" W
NTS Mapsheet(s): 115015
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as MacKay, Pioneer, etc cl (12000) (Gold Run Group) commencing in August, 1910 by W.D. MacKay, N.J. Donahue, etc., who explored with a total of about 30 m of shafting and 23 m of adits at several locations plus extensive hand trenching until 1924. When examined by MacLean in 1912, the workings consisted of several trenches on the ridge crest between upper Portland Creek and the head of Gold Run Creek and a small open cut on the slope between the ridge crest and Portland Creek.

Re-staked as Klun cl 1-32 (YA65707) in June, 1983 by Dawson Eldorado Gold Explorations Ltd., which performed mapping and geochemical sampling later in the year, and as Kin cl 1-82 (YA89442) in June, 1987 by United Keno Hill Mines Ltd., which performed mapping, geochemical sampling and trenching in 1988.

Re-staked as King cl 1-60 (YB41555) in Nov/92 by W.T. Dawson. The Dawson Syndicate (1983) Ltd. performed geochemical sampling on the King claims in August, 1993.

Re-staked within a large block of Sur claims by Barramundi Gold Ltd. in June, 1996. The company carried out a regional silt sampling, mapping, prospecting, and rock sampling program over part of the Klondike region, including this occurrence. In 1999, Barramundi flew a regional airborne magnetics and VLF-EM survey over the Klondike, which included the Gold Run prospect.

In 1999, Barramundi optioned all of their Klondike area claims to KSL Exploration (Yukon) Ltd., a private Australian company. In 2001 and in 2003, KSL Exploration performed MMI and conventional soil sampling surveys over the Strike 1 to 31 claims, which included the Gold Run prospect.

Taku Gold Corp. performed exploration work on the PORT 1 to 32 and PT 1 to 43 claims in 2010, including a wide space soil survey, regional prospecting, as well as trenching and sampling at the Gold Run showing.

Capsule Geology

The area is traversed by a shallow southwest-dipping thrust fault that places medium to dark green Middle to Late Permian chlorite schist and minor rusty yellow muscovite quartz schist (units Psc and Psqm) on top of a sequence of tan to pale green weathering muscovitic and chloritic quartzite and quartz-muscovite-chlorite schist (unit Psq) of the Klondike Schist Assemblage, Yukon Tanana terrane.

MacLean examined the Gold Run occurrence in 1912, at which time the workings included several trenches on the ridge crest between upper Portland Creek and the head of Gold Run Creek and a small open cut on the slope between the ridge crest and Portland Creek. Three samples from the ridge trenches assayed by MacLean in 1914 were barren. He described the occurrence in the open cut on the slope as follows:

"...outcroppings of white quartz occur for a distance of several hundred feet in a southeasterly-northwesterly direction from the ridge towards Portland Gulch, where the vein is uncovered by an open cut, which is at an elevation about 300 ft above the bed of the gulch and distant 1200 to 1500 ft from its right limit. This open cut is 8 ft long, 4 ft wide and 6 ft in depth at the face. It is made into the side hill and uncovers a vein 18' wide, which dips 50 NE, cutting the schists but striking with them.

This vein has the appearance of a regular fissure, but the general lack of continuity of the quartz veins in this vicinity causes one to hesitate in pronouncing it a persistent one without more proof than present development affords. It is altogether likely, however, that it will be found to follow the line of outcroppings referred to above as occurring for a distance of several hundred feet.

Some free gold was found in the quartz. Some galena was also noted. The quartz is generally very white, though occasional stains, due to iron oxides, were seen."

MacLean (1914, p. 83-84) reported that three samples of quartz were taken from this lead. One of them, from an outcrop, and two from the above open cut, all panned colours of gold, and the two latter assayed \$34.90 (1.75 oz/t) and \$3.42 (5.7 oz/t) respectively (gold at \$20.00 and silver at \$0.60 per ounce). J.K. Mortensen examined the trenches on the ridge during 1983. All of the quartz present is concordant with foliation in the schist. The open cut north of the ridge could not be located.

Fekete, M. (2010, AR095546, p. 10) describes the Gold Run showing as "...a series of outcrops of white quartz over a distance of approximately 250 m trending northwest from the ridge downhill towards Portland Creek." The white, locally oxidized, quartz veins were also noted to have visible gold and galena as described by MacLean. Veining is described as being subvertical and dipping northeast and southwest, subparallel to the surrounding bedrock schistosity.

Barramundi's 1996 regional silt program returned an anomalous gold result (25 ppb Au) in the upper part of the Portland Creek drainage basin.

The results of Taku Gold Corp's 2010 exploration work concluded that "the Gold Run showing is not marked by a distinct geochemical signature and returned a maximum soil value of only 30.7 ppb Au. There is a weak correlation with lead probably related to galena mineralization. Arsenic does not correlate very well with gold but elevated arsenic values are spatially related to the Sulphur Creek thrust fault." (Fekete, 2010, AR095546, p. ii). Trench samples near the Gold Run prospect returned anomalous gold values with up to 97.23 g/t Au (uncut) over 7.0 m, with a maximum sample value of 455.76 g/t Au.

Work History		
Date	Work Type	Comment
12/31/1988	Geology	
12/31/1988	Geochemistry	
12/31/1988	Trenching	
12/31/1983	Geology	
12/31/1983	Geochemistry	
12/31/1924	Trenching	Work carried out between 1910 and 1924.
12/31/1924	Other	Work carried out between 1910 and 1924.
12/13/2010	Geochemistry	
12/13/2010	Trenching	
12/13/2010	Other	
12/13/2003	Geochemistry	MMI soil survey .
12/13/2001	Geochemistry	MMI and conventional soil surveys.
12/13/1999	Airborne Geophysics	Regional magnetic and VLF-EM survey .

Assessment Reports that overlap occurrence					
Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
095546	2010	Surface Work Performed from August 25 to December 10,2010 on the Portland Property	Soil - Geochemistry, Backhoe - Trenching		
095298	2009	Geological Assessment Report CAu Property	Rock - Geochemistry, Prospecting - Other, Backhoe - Trenching		
094021	1999	Detailed Airborne Magnetics and VLF-EM over the Klondike District, Dawson City - 1999	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		
091634	1984	Report on the 1984 Exploration Program in Klondike Gold Fields	Electromagnetic - Airborne Geophysics, Percussion - Drilling, Drill Cuttings - Geochemistry, EM - Ground Geophysics	95	6900.67
091559	1983	Assessment Report on Klun 1-32 Claims	Soil - Geochemistry, Regional Bedrock Mapping - Geology		
060149	1972	Geological and Geochemical Report Yukon Quartz Mineral Claims	Silt - Geochemistry, Soil - Geochemistry		

Related References				
Number	Title	Page(s)	Reference Type	Document Type
1996-1(G)	Geological Compilation Maps of the Northern Stewart River Area, Klondike and Sixtymile Districts (115N/15, 16, 115O/13, 14 and Parts of 115O/15, 16)		Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Open File (Geological - Bedrock)