



Occurrence Details

Occurrence Number: 1150 118
Occurrence Name: Armenius
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 6/14/2025 6:07:53 PM

General Information

Secondary Commodities: gold, silver
Deposit Type(s): Vein Au-Quartz
Location(s): 63°36'18" N - -138°51'59" W
NTS Mapsheet(s): 115010
Location Comments: 1 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Armenius, etc. claims (6148) in September, 1902 by Herman Wohlgethan and T. Chisholm, who trenched annually until 1905. A. McKenzie and associates tied on Joseph, etc. claims (6613) in April, 1903.

Re-staked as AJM cl 1-4 (YA89767) in August, 1987 by United Keno Hill Mines Ltd. D. Hermanutz and K. Daunt staked Buff claims (YB17654) 2 km to the northeast in August, 1988 and added more Buff claims and mapped in 1989.

G. Daunt re-staked the occurrence as Buff cl 25-28 in July, 1994. Daunt also staked Buff cl 19-20 (YB52318) and Buff cl 1-6 (YB52312) at the same time. N. Loveless staked Nona cl 1-2 on the northeast boundary of Buff 1-6 claims in July, 1994.

In August, 1994, A. Woodsend staked Gopher cl 1-14 (YB52367) and Marmot cl 1-16 (YB52535) 5 km east of the occurrence. In October, 1994 Woodsend added Gopher cl 15-22 (YB52885). In 1994-1995 Woodsend mapped and sampled bedrock exposed by placer mining operations and drilled 5 auger holes on the Gopher and Marmot claims.

In October, 1994, K. Daunt added Buff cl 7-10 (YB52877) and C. Little staked the Clara B cl 107-130 (YB52853) south and west of the main Buff claims. In 1995, Daunt carried out a small prospecting and rock sampling program on the Buff claims.

In January, 1996, Woodsend staked Vole cl 1-58 (YB67877) and cl 60-102 (YB67936) on the east side of the Gopher and Marmot claims.

Re-staked as Armenius cl 1-16 YC13007) in February, 1999 by the Eureka Joint Venture (Nordac Resources Ltd and Expatriate Resources Ltd). The joint venture added Armenius cl 17-184 (YC13533) in April, 1999 and carried out stream sediment, soil and rock sampling later in the year. These claims and the adjoining Eureka claims located to the south (MINFILE occurrence 1150 027) from the Eureka property.

During the summer of 2000, the joint venture collected a series of samples from the Aurion placer pit. The work was carried out in conjunction with a larger work program carried out on the adjoining Eureka claims. The Armenius claims were allowed to expire in February, 2002.

Capsule Geology

The occurrence is underlain by Devonian to Mississippian (and older), quartzite and quartz-muscovite schist assigned to the Nasina Assemblage. The original staking was prompted by reports of a quartz "ledge" 18 m wide and 3 km to 5 km long.

Samples collected by Wolgethan from a depth of 12 m in his shaft were reported to assay \$284 per ton (gold at \$20/oz). According to the newspaper account, specimens were friable and contained free gold.

Hermanutz and Daunt uncovered a wide gossan while placer mining near the mouth of Eureka Creek. Quartz-sericite schist and biotite schist contain pyritic quartz stringers and graphite in an east-trending clay-altered, shear zone. Visible gold has reportedly been panned from crushed samples.

Daunt assayed 27 rock samples from a variety of rock types on the Buff claims. His best assay was 0.34 g/t Au from a quartz vein in quartz schist.

Placer mining operations on the Gopher claims exposed a 16 m wide shear zone characterized by strongly altered chlorite schists and grey clay gouge with pervasive iron staining and quartz and epidote veining. Rock samples collected for assaying were subsequently lost. Two auger holes (17.9 m) were drilled on the Gopher, and 3 holes (34.7 m) were drilled on the Marmot claims. All 5 holes intersected unaltered quartz-chlorite schist.

Soil samples collected on the Armenius claims produced scattered, weakly anomalous gold values with generally subdued response for other metals. The best rock samples were collected from the floor of the Aurion placer pit located on the west bank of Eureka Creek approximately 2 km southeast of the occurrence. A specimen of chlorite-quartz schist containing lenses and fragments of clear quartz assayed 75.38 g/t Au and 22.2 g/t Ag. Follow-up sampling collected 400 m upstream failed to exceed the lower limit for gold, even though the bedrock was profitably mined by the placer operator.

A series of continuous channel samples collected in 2000 from sheared bedrock located in a newly stripped area of the Aurion placer pit returned values up to 740 ppb Au across 5 m. A pan sample of unconsolidated material, collected 300 m upstream from a similar sample collected in 1999, yielded 4 to 5 subrounded gold grains <1 mm in diameter, while a 1.5 m profile sample returned 3.5 g/t Au. In the end, the joint venture group was unable to determine whether the gold is hosted within the shear zone or if it has been introduced into the highly fractured and permeable material by gravitation processes.

Work History		
Date	Work Type	Comment
12/31/2000	Geochemistry	Joint venture group sampled sheared bedrock located at Aurion Placer pit. Also sampled unconsolidated material.
12/31/1999	Geochemistry	
12/31/1999	Geochemistry	
12/31/1999	Geochemistry	
12/31/1995	Geochemistry	
12/31/1995	Geology	
12/31/1995	Drilling	Number of holes drilled: 5 Amount of work done: 42.6 METRES
12/31/1995	Other	
12/31/1994	Geology	Woodsend mapped and sampled bedrock exposed by Placer mining operation.
12/31/1989	Geology	Hermanutz and Daunt uncovered a wide gossan zone.
12/31/1905	Trenching	Work carried out between 1902 and 1905.

Assessment Reports that overlap occurrence					
Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
095960	2010	Assessment Report on Geophysical Surveys and Interpretation Report, 2010 on the YK, River, and Armerius Properties, Klondike Area, Yukon	Gamma-Ray Spectrometry - Airborne Geophysics, Gamma-Ray Spectrometry - Airborne Geophysics, Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Magnetic - Airborne Geophysics		
095572	2009	Assessment Report Summary of Geological Investigations conducted in 2009	Rock - Geochemistry, Bedrock Mapping - Geology, Property Evaluation - Other, Data Compilation - Pre-existing Data		
094629	2006	Prospecting and Rock and Soil Geochemistry on the REKA and RMB Properties	Rock - Geochemistry, Soil - Geochemistry, Prospecting - Other		
094701	2005	Geological Mapping, Rock and Soil Geochemistry, Trenching and Magnetometer Survey on the Indian River Project	Drill Cuttings - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Magnetics - Ground Geophysics, Heavy Mineral Concentrate - Lab Work/Physical Studies, Prospecting - Other, Backhoe - Trenching		
094107	1999	Assessment Report Describing Geological Mapping and Geochemical Surveys on the Eureka Project	Interpretation - Airphotography, Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Heavy Mineral Concentrate - Lab Work/Physical Studies, Prospecting - Other		
093444	1995	A Geological Report BUFF Mineral Claims	Drill Cuttings - Geochemistry, Rock - Geochemistry, Prospecting - Other		
120354	1984	Placer Gold Potential of Central Indian River, Klondike Placer Goldfields	Resource Estimate - Studies		