



## Occurrence Details

**Occurrence Number:** 1150 147  
**Occurrence Name:** Parnell  
**Occurrence Type:** Hard-rock  
**Status:** Showing  
**Date printed:** 6/14/2025 4:50:49 PM

## General Information

**Secondary Commodities:** gold  
**Deposit Type(s):** Vein Au-Quartz  
**Location(s):** 63°52'49.82" N - -139°11'40.78" W  
**NTS Mapsheet(s):** 115014  
**Location Comments:** Coordinates provided by Klondike Gold Corp. in 2019.  
**Hand Samples Available:** No  
**Last Reviewed:**

Capsule

Work History

First staked as the Superior Lode (269), Summit (5238) and Stockwork (5240) cl in August, 1899 and December, 1901 by A. Gillis and others. Re-staked as Parnell (10988), Gladstone (10978), etc., in July, 1909 by W.D. McKay, N.J. Donahue and others, who formed the Eldorado Dome Quartz MC in 1909 to explore these and other properties in the area. At least 5 shafts (maximum depth of 20 m), a 25 m adit and 15 trenches had been completed by 1923 when the property was abandoned.

Staked as part of the 185 Moon cl (79800) by Klondike Lode Gold ML in 1960 but not explored at that time. Re-staked in part as the ND cl (YA49724) by Klondike Ken Ventures Inc. in May, 1980 and the AC cl (YA64270) by Dawson Eldorado Gold EL.

The ND claims were optioned by Dawson Eldorado in 1981. Dawson Eldorado carried out a photogrammatic survey in 1981 and geological mapping and geochemical sampling in 1983-1984. In June, 1986, the property was optioned to Arbor Resources Inc., which explored with linecutting, magnetics, VLF-EM surveys in 1986 and airborne magnetics and soil surveys, grid geochemistry, EM and IP surveys and bulldozer trenching in 1987.

Kennecott Canada Inc. optioned the property in 1992. The Moon, ND and AC claims were optioned to Kennecott in May, 1993. In 1994, Kennecott carried out a reconnaissance of the entire Lone Star property (which included the Moon, ND and AC claims) including digitizing of previous data, geological mapping, rock sampling, trenching and backpack soil augering. Two diamond drill holes (397.6 m) were drilled on the Buckland Shear zone located 1.5 km to the southwest (MINFILE occurrence 1150 077). No work was completed on the Parnell occurrence. In January, 1995 Kennecott terminated the option agreement and returned all of the claims to Arbor. In January, 1996 Arbor changed its name to Klondike Gold Corp.

In 1996, Klondike Gold Corp. performed trenching in the Parnell area, as well as re-sampling of exposures and outcrop.

Klondike Gold Corp. optioned a 50% interest to Klondike Star Mineral Corp. (KSMC), which became a 50/50 joint venture in 2005. Klondike Star Mineral Corp held a 55% interest in the claims in 2005 and performed chip sampling of historical trenches in the Parnell showing area in 2006.

Regional & Property Geology

The area is underlain by the same muscovite and quartz-muscovite schists (unit Psqm) that hosts mineralization at the Lone Star Mine, 2 km to the northwest (MINFILE occurrence 1150 072). Quartz veins are abundant mainly as foliaform metamorphic sweats, but also as rusty, weakly pyritic, crosscutting veins up to 40 cm wide. Early exploration was directed toward the crosscutting veins. Exposure is very limited and less than half the old workings actually reached bedrock. No assay data from this occurrence is presently available.

Although the placer deposits in Victoria Gulch area are richest below the mouth of No. 7 Pup, the paystreak continues up the gulch almost to its head, suggesting that the Parnell occurrence may have made a significant contribution.

Mineralization & Results

Chip sampling in 2006 of historical trench 88-TR-19, located near the Parnell shaft, by Klondike Star Mineral Corp. returned anomalous gold values up to 63.1 ppb Au.

Work History		
Date	Work Type	Comment
7/1/2019	Geochemistry	
7/1/2019	Remote Sensing	
12/31/1987	Geochemistry	
12/31/1987	Trenching	
12/31/1987	Airborne Geophysics	
12/31/1986	Ground Geophysics	Also VLF-EM survey.
12/31/1984	Geology	
12/31/1984	Geochemistry	
12/31/1983	Geology	
12/31/1983	Geochemistry	Also rock sampling.

12/31/1981	Studies	
12/31/1923	Development, Underground	Work carried out between 1909 and 1923.
12/31/1923	Trenching	Work carried out between 1909 and 1923.
12/13/2006	Geochemistry	Chip sampling of historical trenches.
12/13/1996	Geochemistry	Re-sampling of historical exposures.
12/13/1996	Trenching	
12/13/1987	Ground Geophysics	Also IP survey.

### Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
<a href="#">097066</a>	2015	Report on Diamond Drilling, Prospecting, and Ground Magnetics on the Lone Star Property, Dawson Mining District, Yukon Territory, Canada	Diamond - Drilling, Rock - Geochemistry, Magnetics - Ground Geophysics	19	1369.30
<a href="#">096398</a>	2012	Diamond Drilling, Trenching, Soil Sampling, Rock Sampling, and Prospecting at the Lone Star Property	All Weather Road - Development, Surface, All Weather Road - Development, Surface, Diamond - Drilling, Diamond - Drilling, Drill Core - Geochemistry, Drill Core - Geochemistry, Rock - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Detailed Bedrock Mapping - Geology, Prospecting - Other, Prospecting - Other, Backhoe - Trenching, Backhoe - Trenching	8	2762.20
<a href="#">095996</a>	2011	Trenching, Soil Sampling, Assay and Geological Mapping at the Lone Star (Klondike) Property	Rock - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Bedrock Mapping - Geology, Process/Interpret - Pre-existing Data, Process/Interpret - Pre-existing Data, Backhoe - Trenching, Backhoe - Trenching		
<a href="#">094919</a>	2007	Diamond Drilling, Rotary Drilling, Geological Mapping, Rock and Soil Geochemistry, IP Geophysics, Trenching and Bulk Sampling on the Lone Star Property	Diamond - Drilling, Percussion - Drilling, Drill Core - Geochemistry, Drill Cuttings - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, IP - Ground Geophysics, Bulk Sample - Lab Work/Physical Studies, Petrographic - Lab Work/Physical Studies, Resource Estimate - Studies, Hand - Trenching	11	1314.10
<a href="#">094638</a>	2006	Diamond Drilling, Geological Mapping, Rock and Soil Geochemistry, IP Geophysics, Trenching and Bulk Sampling on the Lone Star	Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, IP - Ground Geophysics, Bulk Sample - Lab Work/Physical Studies, Resource Estimate - Studies, Mechanical - Trenching	23	2892
<a href="#">094579</a>	2005	Diamond Drilling, Geological Mapping, Rock and Soil Geochemistry, Trenching and Bulk Sampling on the Lone Star Property	Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Bulk Sample - Lab Work/Physical Studies, Prospecting - Other, Backhoe - Trenching, Mechanical - Trenching	32	5429.40
<a href="#">093321</a>	1994	1994 Annual Report on the Klondike Gold Project	Magnetic - Airborne Geophysics, Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Magnetics - Ground Geophysics, Prospecting - Other, Backhoe - Trenching		
<a href="#">093320</a>	1994	1994 Annual Report on the Lone Star Project	Diamond - Drilling, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology	2	397.60
<a href="#">093208</a>	1993	Assessment Report on a 1993 Prospecting, Soil Sampling, Mapping, and Drilling Program	Reverse Circulation - Drilling, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other	1	99.10
<a href="#">093075</a>	1992	Geological, Geochemical and Trenching Report on the Dawson Property	Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Prospecting - Other, Mechanical - Trenching		
<a href="#">092162</a>	1991	Geological, Geochemical, and Trenching Report on the Lone Star Property	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Backhoe - Trenching		
<a href="#">092860</a>	1989	Geological, Geochemical and Trenching Report on the Dawson Property	Drill Core - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Heavy Mineral Concentrate - Lab Work/Physical Studies, Mechanical - Trenching		
<a href="#">092691</a>	1988	Geological, Geochemical, Geophysical and Trenching Report on the Dawson Property	Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, EM - Ground Geophysics, IP - Ground Geophysics, Bulk Sample - Lab Work/Physical Studies, Column Leach Test - Lab Work/Physical Studies, Heavy Mineral Concentrate - Lab Work/Physical Studies, Metallurgical Tests - Lab Work/Physical Studies, Petrographic - Lab Work/Physical Studies, Prospecting - Other, Mechanical - Trenching		
<a href="#">092690</a>	1988	Geological, Geophysical, Geochemical, and Trench Report for Work Performed by Mark Management Ltd. on the REEF Grid	All Weather Road - Development, Surface, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Magnetics - Ground Geophysics, Line Cutting - Other, Mechanical - Trenching		
<a href="#">091760</a>	1987	Report on Combined Helicopter Borne Electromagnetic, Magnetic, and VLF-EM Survey Bonaza-Eldorado Creek Area	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, VTEM - Airborne Geophysics		
<a href="#">092132</a>	1987	Geological, Geochemical, Geophysical, Diamond and Rotary Drilling Report on the Lone Star Property	Magnetic - Airborne Geophysics, Diamond - Drilling, Rotary - Drilling, Drill Core - Geochemistry, Drill Cuttings - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, EM - Ground Geophysics, IP - Ground Geophysics,	50	5753.40

			Mechanical - Trenching		
<a href="#">091683</a>	1984	Report of 1984 Exploration on the Lone Star Property of Dawson Eldorado Mines Ltd.	Rehabilitation - Development, Underground, Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Regional Bedrock Mapping - Geology, Line Cutting - Other, Surveying - Other		
<a href="#">091399</a>	1981	Gold Potential Evaluation Report Klondike District on Violet Gold - Quartz Property	Orthophoto - Airphotography, Cursory Property Visit - Other, Data Compilation - Pre-existing Data		
<a href="#">091064</a>	1981	Summary Report of 1981 Exploration on the Lone Star Ridge Property	Orthophoto - Airphotography, All Weather Road - Development, Surface, Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Heavy Mineral Concentrate - Lab Work/Physical Studies, Line Cutting - Other, Prospecting - Other, Surveying - Other, Data Compilation - Pre-existing Data, Hand - Trenching, Mechanical - Trenching		
<a href="#">060149</a>	1972	Geological and Geochemical Report Yukon Quartz Mineral Claims	Silt - Geochemistry, Soil - Geochemistry		

## Related References

Number	Title	Page(s)	Reference Type	Document Type
<a href="#">1996-1(G)</a>	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)