



Occurrence Details

Occurrence Number: 115G 094

Occurrence Name: Linda

Occurrence Type: Hard-rock

Status: Prospect

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General Information

Secondary Commodities: cobalt, copper, gold, iridium, nickel, osmium, palladium, platinum, rhodium, ruthenium

Deposit Type(s): Ultramafic Mafic Alaskan-type Pt+/-Os+/-Rh+/-Ir

Location(s): 61°27'17" N - -139°26'41" W

NTS Mapsheet(s): 115G06

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Jeep cl 233-252 (64827) in Sep/52 by Yukon Mining Company Ltd and optioned to Hudson Bay Mining & Smelting Ltd, which carried out prospecting and mapping through a new company, Hudson-Yukon Mines Ltd. Restaked as Linda cl 1-10 (93010) in Oct/65 by P. and H. Verslucce, who prospected and sampled in 1966 and formed a new company, Quill Creek Copper Mines Ltd, to develop the property. Quill Creek optioned the property to Newmont, which performed mapping and sampling in 1967-68. Optioned in 1972 by the Nickel Syndicate (Canadian Superior Exploration Ltd, Aquitaine, Home Oil Ltd and Getty Mines Ltd), which carried out geological mapping and sampling later in the year. Restaked as Klu cl 1-71 (YA94404) between Apr/86 and Sep/87 by Kluane Joint Venture (All-North Resources Ltd and Chevron Minerals Ltd), which carried out limited soil sampling and prospecting later in the year. The property was optioned by Rockridge Mining Corp and 2001 Resource Industries Ltd, (Linda Joint Venture), which carried out geological mapping, geochemical sampling, bulldozer trenching, road construction and magnetic and EM surveying in 1987 and 1988 and drilled 3 holes (246 m) in 1988. A. McBride tied on Dial cl (YA98078) to the south in Jul/88 and performed sampling later in the year and in 1989. In 1997 Northern Platinum Ltd optioned the Klu claims (known as the Linda property), as a part of a larger option agreement covering the neighboring Wellgreen deposit (Minfile Occurrence #115G 024). Using a crew based at the Wellgreen camp, the company, re-built access roads, drilled 3 reverse circulation holes (60.4m) and re-sampled all known showings located on the claims.

Capsule Geology

Pyrrhotite, pyrite, chalcopyrite and pentlandite occur as disseminations, fracture fillings and massive lenses in and along the margins of Late Triassic peridotite sills that include gabbro or clinopyroxenite phases of the Quill Creek ultramafic complex. Strong nickel-copper-PGE soil anomalies are found along the 2500 m length of the sill and at least six showings have been discovered.

The best showings are associated with the gabbro phases. A specimen from the upper showing on lower Linda Creek returned 4.20% Ni, 0.68% Cu, 0.08% Co, 0.03 g/t Au, 0.93 g/t Pt, 4.39 g/t Pd, 1.06 g/t Ir, 2.71 g/t Os, 3.29 g/t Ru and 0.31 g/t Rh and a 1988 drill hole intersected 1.2 m grading 3.51% Ni, 1.66% Cu, 2.74 g/t Pt, 7.13 g/t Pd, 0.99 g/t Ir, 0.65 g/t Os, 0.89 g/t Ru and 0.51 g/t Rh. At the Mex Showing, 1500 m to the east, a chip sample from a bulldozer trench assayed 0.52% Ni, 0.54% Cu, 1.40 g/t Pt and 1.60 g/t Pd across 6 m. Specimens taken by McBride from Triassic Nikolai greenstone volcanic rocks on the Dial claims assayed up to 9.42% Cu and 0.41% g/t Au.

Northern Platinum used their exploration program to acquaint themselves with the claims. All known showings were examined and sampled. Assay results generally agreed with previous work. All 3 reverse circulation holes encountered problems during drilling and did not return expected results. A bulldozer was used to rebuild access roads around the claim block and to clear drill pads and trenches for future exploration work.

References

CAMPBELL, F.A., 1956. Nickeliferous Sulphide Deposits at Quill Creek and White River, Yukon. unpubl M.Sc. Thesis, Queen's University.

CAMPBELL, F.A., Dec/60. Nickel Deposits in the Quill Creek and White River Area, Yukon. Canadian Institute of Mining and Metallurgy Bulletin, p. 953-959.

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CAMPBELL, S.W., 1981. Geology and genesis of copper deposits and associated host rocks in and near the Quill Creek area, Southwestern Yukon. Unpublished Ph.D. Thesis, University of British Columbia, 1981.

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GEOLOGICAL SURVEY OF CANADA Open File 381.

GEOLOGICAL SURVEY OF CANADA Paper 67-40, p. 53; Paper 68-68, p. 70-72.

KLUANE JOINT VENTURE, May/88. Assessment Report #092483 by R.C. Carne.

MCBRIDE, A., 1988. Assessment Report #092607 by A. McBride.

MCBRIDE, A., Oct/89. Assessment Report *#092760 by A. McBride.

MINERAL INDUSTRY REPORT 1969-70, p. 100-101; 1973, p. 64-65; 1976, p. 55-67.

NORTHERN PLATINUM LTD, Jul/98. Assessment Report #093871 by J.P. McGoran.

ROCKRIDGE MINING CORP AND 2001 RESOURCE INDUSTRIES LTD, Mar/87. Assessment Report #093108 by J.S. Vincent.

ROCKRIDGE MINING CORP AND 2001 RESOURCE INDUSTRIES LTD, Jan/88. Assessment Report #092008 by R.J. Cathro.

ROCKRIDGE MINING CORP AND 2001 RESOURCE INDUSTRIES LTD, Jan/89. Assessment Report #092633 by W.D. Eaton.

WESTERN MINER, Oct/52, p. 116; Nov/52, p. 91-92.

YUKON MINING INDUSTRY 1941-59, p. 85-86.

YUKON EXPLORATION 1988, p. 166.

YUKON MINING AND EXPLORATION OVERVIEW 1988, p. 33-34.

YUKON EXPLORATION 1987, p. 237-238.

Work History

Date	Work Type	Comment
12/31/1997	Geochemistry	
12/31/1997	Drilling	Three holes, 60.4 m.
12/31/1997	Development, Surface	
12/31/1988	Drilling	Three holes, 246 m.
12/31/1988	Geology	
12/31/1988	Geochemistry	Also rock sampling.
12/31/1988	Ground Geophysics	Also magnetic survey.
12/31/1988	Trenching	
12/31/1987	Geochemistry	Also rock sampling.
12/31/1987	Geology	
12/31/1987	Ground Geophysics	Also magnetic survey.
12/31/1987	Trenching	
12/31/1987	Development, Surface	
12/31/1986	Geochemistry	
12/31/1986	Other	
12/31/1972	Geochemistry	
12/31/1972	Geology	
12/31/1968	Geochemistry	
12/31/1968	Geology	
12/31/1967	Geochemistry	
12/31/1967	Geology	
12/31/1966	Geochemistry	
12/31/1966	Other	
12/31/1952	Geology	
12/31/1952	Other	
12/13/1989	Geochemistry	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096380	2012	2012 Assessment Report on Geophysical and Geochemical Exploration on the Arch Property and Burwash Property	Soil - Geochemistry, EM - Ground Geophysics, Magnetics - Ground Geophysics		
095445	2011	Assessment Report Describing Geophysical Work Specifically 2010 TEM Survey on the Burwash Property	Electromagnetic - Airborne Geophysics, EM - Ground Geophysics		
095061	2008	Assessment Report Describing Diamond Drilling at the Burwash Property	Diamond - Drilling	5	419.50
094894	2007	Assessment Report Describing 2007 Geophysical Surveys at the	Magnetic - Airborne Geophysics, VTEM - Airborne Geophysics		

092027	2007	Burwash Property	Magnetic - Airborne Geophysics, VTEM - Airborne Geophysics		
094669	2005	Assessment Report Describing 2005 Diamond Drilling, Soil Sampling, Prospecting and Geological Mapping on the Burwash Property	All Weather Road - Development, Surface, Diamond - Drilling, Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Prospecting - Other	8	529.13
094523	2004	Assessment Report Describing Prospecting, Soil Geochemistry and Excavator Trenching	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Mechanical - Trenching		
093871	1997	Summary Report Prospecting, Road Maintenance and Drilling on 1997 Exploration	All Weather Road - Development, Surface, Diamond - Drilling, Prospecting - Other	3	246.20
092633	1988	Summary Report on 1988 Exploration	Orthophoto - Airphotography, All Weather Road - Development, Surface, Diamond - Drilling, Soil - Geochemistry, EM - Ground Geophysics, Magnetics - Ground Geophysics, Line Cutting - Other, Mechanical - Trenching	3	246.20
092008	1987	Summary Report on 1987 Exploration	All Weather Road - Development, Surface, Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics, Line Cutting - Other, Prospecting - Other		
092483	1986	Report on 1986 Prospecting and Geochemical Program	Rock - Geochemistry, Soil - Geochemistry, Heavy Mineral Concentrate - Lab Work/Physical Studies		
093108	1986	A Summary Report on the Klu Platinum-Nickel Prospect Yukon Territory	Research/Summarize - Pre-existing Data		
092054	1953	Report on the Geophysical Surveys in the Shikwak Valley Area, Yukon Territory for Canalask Nickel Mines Limited.	Magnetic - Airborne Geophysics		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC013072	Property examination report on the Linda group - Kluane Range area		Property File Collection	Report

Drill core at YGS core library

Number	Property	Year Drilled	Core Size	Photos	Data
L-88-01	Linda	1988	HQ	18	2