



Occurrence Details

Occurrence Number: 115G 100
Occurrence Name: Wash
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 4/28/2025 7:33:54 PM

General Information

Secondary Commodities: copper, nickel, palladium, platinum
Aliases: Burwash
Deposit Type(s): Ultramafic Mafic Alaskan-type Pt+/-Os+/-Rh+/-Ir
Location(s): 61°26'25" N - -139°23'7" W
NTS Mapsheet(s): 115G06
Location Comments: 1 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Wash cl 1-51 (YA97032) in Mar/87 by Silverquest Resources Ltd (70%) and 2001 Resource Industries Ltd (30%), which carried out prospecting, geological mapping and geochemical sampling later in the year.

The west central portion was restaked as Burwash cl 1-9 (YB36423) in Aug/91 by Nordac Resources Ltd, which carried out prospecting, geological mapping and geochemical soil sampling in 1998 and prospecting, geochemical soil sampling and hand trenching in 1999 and 2000. The company also staked Burwash cl 10-33 (YC18485) in Feb/2000 to surround the original claim group on three sides.

Nordac Resources Ltd was reorganized in June 2001 and renamed Strategic Metals Ltd. Exploration in 2005 consisted of prospecting, geochemical sampling, road construction and 520 m of HQ diamond drilling in seven holes. An eighth hole was abandoned due to water issues. Drilling in 2005 tested the Tom zone where drilling has defined mineralization over a 200 m strike length at relatively shallow depth.

Capsule Geology

Pyrrhotite, chalcopyrite and pentlandite occur as disseminations and fracture fillings in mafic-ultramafic intrusions of Lower to Middle Triassic age that intrude pyroclastic rock of the Pennsylvanian to Permian Station Creek Formation and metasedimentary rocks of the Permian Hasen Creek Formation. The intrusions are predominantly comprised of dunite, peridotite, clinopyroxenite and gabbro, which is localized along the margins of the intrusions and in nearby subparallel sills.

Soil sampling identified two areas of anomalous multi-element geochemical response that coincide well with the surface trace of the intrusions. The main anomaly begins at the western boundary of the property and extends easterly for 1 150 m and is up to 650 m wide and contains peak values of 3 630 ppm Ni, 4 750 ppm Cu, 654 ppb Pd and 336 ppb Au. The peak value for Pt (550 ppb) lies just off the property, 300 m to the south, where a second cluster of anomalous values occur in the vicinity of a small mafic-ultramafic body and an isolated gabbro dyke.

The highest rock values came from specimens collected within areas of anomalous soil geochemical response. The best specimens from the main soil geochemical anomaly were gabbro or peridotite containing abundant disseminated sulfides or limonite while malachite bearing gabbro and phyllite produced the highest assays in the vicinity of the southerly soil anomaly. Peak values for rocks are 43 000 ppm Cu, 15 200 ppm Ni, 2 200 ppb Pt, 2 169 ppb Pd and 1 050 ppb Au.

Sampling of Trench T99-6, within the southerly soil geochemical anomaly, produced the highest rock assays to date, returning 4 839 ppm Ni, 1 218 ppm Cu, 1 096 ppb Pt, 658 ppb Pd and 217 ppb Au over a width of 11 m. The ratio of precious metals to base metals in all the trenches averages 3.16 g/t combined Pt-Pd-Au for each 1% combined Cu-Ni.

References

CAMPBELL, R.B. AND DODDS, C.J., 1982. Geology of the S.W. Klauene Lake map area (115G and F (E 1/2)), Yukon Territory; Geological Survey of Canada, Open File 829.

CAMPBELL, S.W., 1976. Nickel-copper sulphide deposits in the Klauene Ranges, Yukon. DIAND Open File Report, EGS 1976-10.

GOLDEN CHALICE RESOURCES INC AND STRATEGIC METALS INC, Feb/2006. Assessment Report # 094669 by R.C. Carne.

HULBERT, L.J., 1997. Geology and metallogeny of the Klauene mafic-ultramafic belt, Yukon Territory, Canada: Eastern Wrangellia - A new Ni-Cu-PGE metallogenic terrane. Geological Survey of Canada, Bulletin 506, 265 p.

NORDAC RESOURCES LTD, Mar/99. Assessment Report #093947 by R.C. Carne.

NORDAC RESOURCES LTD, Dec/99. Assessment Report #094039 by T.C. Becker.

NORDAC RESOURCES LTD, Dec/2000. Assessment Report #094130 by T.C. Becker.

SILVERQUEST RESOURCES LTD, Feb/88. Assessment Report #092094 by W.D. Eaton.

STRATEGIC METALS LTD., News Release, 30 Sept/05.

YUKON EXPLORATION 1987, p. 250-251.

YUKON EXPLORATION AND GEOLOGY 1998, p. 29; 1999, p. 24, 30; 2000, p. 23, 26.

Work History

Date	Work Type	Comment
12/31/2005	Drilling	Number of holes drilled: 7 Amount of work done: 520 METRES
12/31/2005	Other	
12/31/1999	Trenching	
12/31/1999	Other	
12/31/1999	Other	
12/31/1998	Geology	
12/31/1998	Other	
12/31/1998	Other	
12/31/1987	Geology	
12/31/1987	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
095445	2011	Assessment Report Describing Geophysical Work Specifically 2010 TEM Survey on the Burwash Property	Electromagnetic - Airborne Geophysics, EM - Ground Geophysics		
094894	2007	Assessment Report Describing 2007 Geophysical Surveys at the 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		
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 Shakwak Valley Area, Yukon Territory for Canalask Nickel Mines Limited.	Magnetic - Airborne Geophysics		

Drill core at YGS core library

Number	Property	Year Drilled	Core Size	Photos	Data
BUR-08-01	Burwash	2008	BTW	4	2
BUR-08-02	Burwash	2008	BTW	2	2
BUR-08-03	Burwash	2008	BTW	12	2
BUR-08-04	Burwash	2008	BTW	16	2
BUR-08-05	Burwash	2008	BTW	12	2
BUR-05-01	Burwash	2005	HQ	8	4
BUR-05-02	Burwash	2005	HQ	12	4
BUR-05-03	Burwash	2005	HQ	20	4
BUR-05-04	Burwash	2005	HQ	10	4
BUR-05-05	Burwash	2005	HQ	14	4
BUR-05-06	Burwash	2005	HQ	12	4
BUR-05-07	Burwash	2005	HQ	10	4