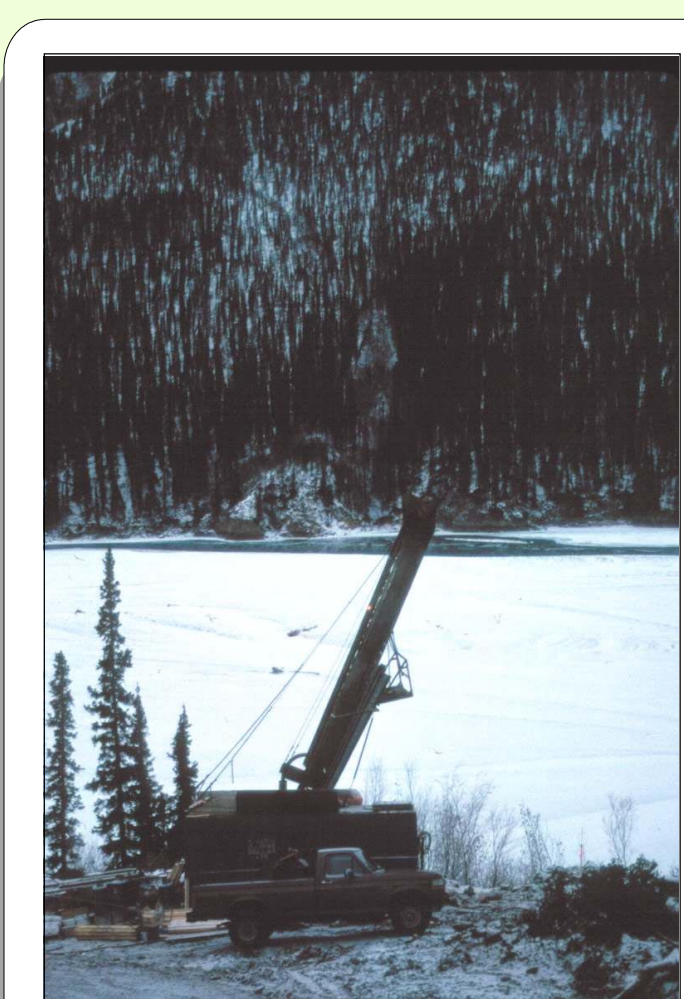


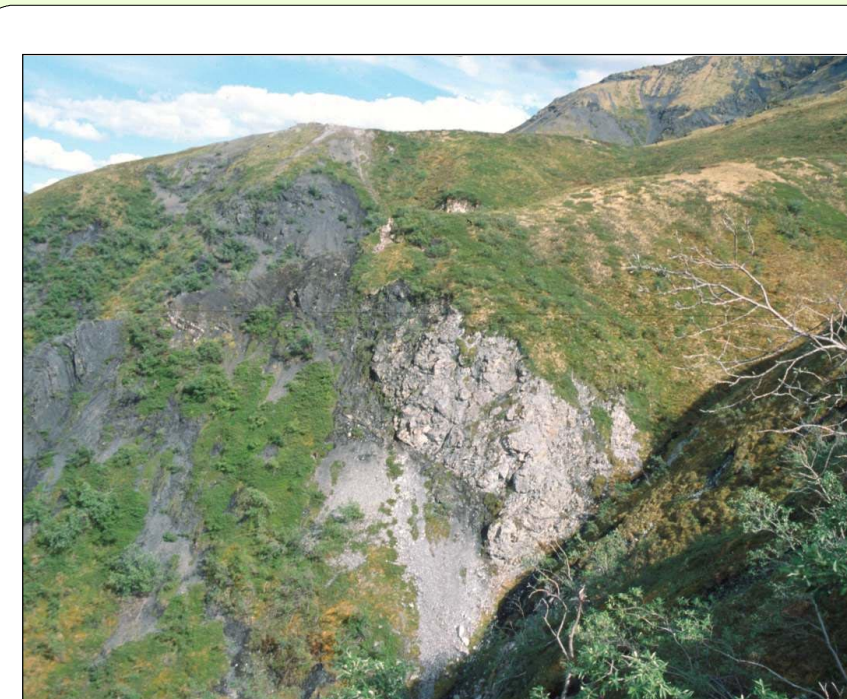
Yukon Platinum Occurrences & Potential



Drilling on the Canabak property near the White River by Archer, Cathro and Associates (1981). A 1973 drill hole intersected 3 m of 1.8 gpt Pt+Pd, 0.94% Ni and 0.33% Cu.



Stewart Harris (Equity Engineering) points to the massive stromatolite sulphide horizons on Blackstone Resources' Taiga property hosted in Earm Group black shales. Samples from this unit returned values up to 5.21% Ni and 904 ppb combined Au+PGE.



Hydrothermal barite mound in Earm Group strata on Taiga property. Drill intersections through this section returned 25.5m of 0.51% Ni and 0.41% Zn.

Selected units with PGE potential

W.C.B.	Late Cretaceous Carmacks Group intrusions
E.J.L.	Jurassic alkalic intrusions
M.J.B.	Triassic Galena suite mafic intrusions
T.G.	Triassic Klane ultramafic suite
PTK12	Mississippian - Permian Cache Creek Group ultramafic rocks
CLC1	Devonian - Permian Yukon-Tanana/Slide Mountain ultramafic rocks
CRA14S	Devonian - Mississippian Earm Group black clastic rocks
DME	Devonian - Mississippian Marmot Formation volcanic rocks
CSM	Cambrian-Silurian Marmot Formation volcanic rocks

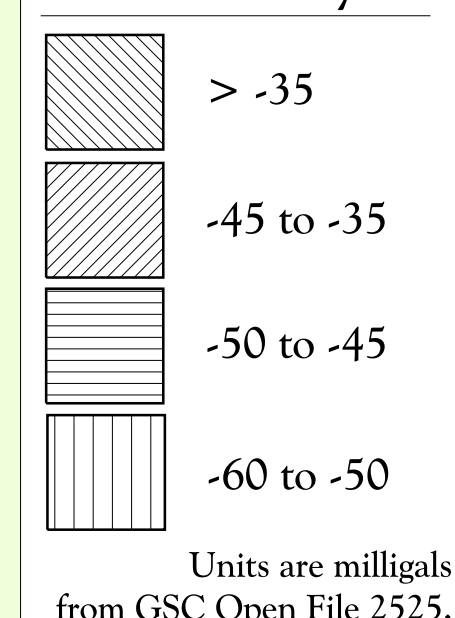
Units from Yukon Digital CD - Gordley & Makepeace, 1999.

Stream Silt Anomalies

	ppm	Cumulative %	# of Occurrences
Nickel	183 - 260	98.0%	147
	261 - 338	99.0%	80
	339 - 892	99.5%	67
Cobalt	40.6 - 51.4	97.9%	123
	51.5 - 65.7	98.8%	77
	65.8 - 389	99.3%	60
Chromium	213 - 302	97.6%	121
	303 - 421	98.8%	77
	422 - 2021	99.5%	51
Coincident Nickel / Copper	Ni 191+ Cu 109+	98.2%	109

Calculated from Geological Survey of Canada, National Geochemical Reconnaissance.

Gravity



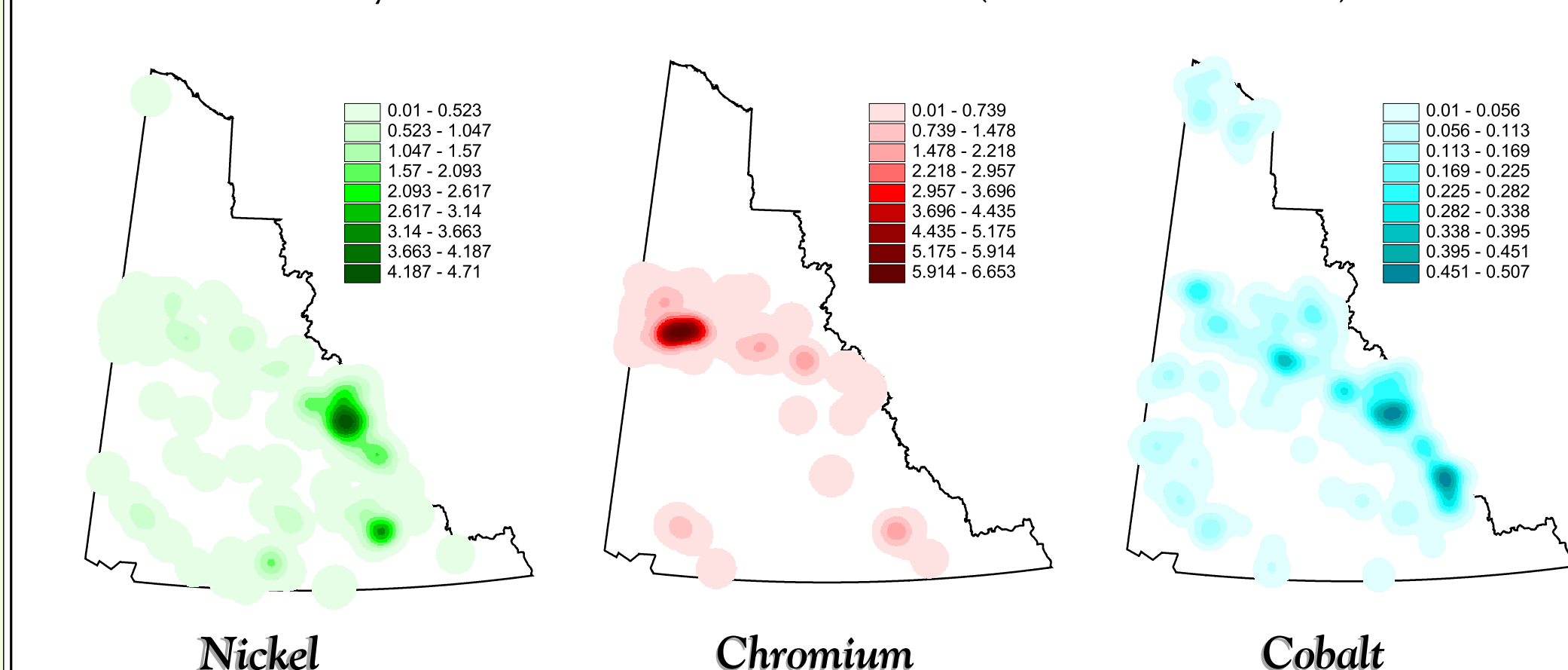
Minfile Occurrences

Name	Minfile#	Deposit Type	Major	Minor
Stride	115A 037	Alaskan type	Cr, Fe	Pt
Arch	115F 043	Kluane type	Ni, Cu, PGE	
Pickhandle	115G 005	Kluane type	Ni, Cu, Pt, Co	
Dickson	115G 006	Kluane type	Ni, Cu, Co, Pt	
Destruction	115G 099	Kluane type	Ni, Cu, PGE	
Wash	115G 100	Kluane type	Ni, Cu, PGE	Au
Linda	115G 094	Kluane type	Ni, Cu, PGE	Au
Glen	115G 016	Kluane type	Ni, Cu	
Canalask	115F 045	Kluane type	Ni, Cu, PGE	
Swede Johnson	115G 027	Kluane type	Au	
Wellgreen	115G 024	Kluane type	Ni, Cu, PGE	Co, Zn, Au
Airways	115G 025	Kluane type	Ni, Cu, PGE	Co
Congdon	115G 003	Kluane type	Ni, Cu, PGE	Pb, Zn
Yellow	115K 105	Kluane type	Cu	
Onion	115K 077	Kluane type	Ni, Cu, Mo	Au, PGE
Epic	115F 047	Kluane type	Cu, Mo	PGE
Mansfield (BC)	115G 022	Ophiolitic ultramafic	Ni, Cu, PGE	
Lindsay	105C 022	Ophiolitic ultramafic	Cu, Ni	Au, Ag
Squanga	105C 012	Ophiolitic ultramafic	Cr	Pt
TOG	105C 028	Ophiolitic ultramafic	Au	Cr
Marsh	105D 069	Ophiolitic ultramafic	Au	Ni, Co, Cu, W
Michie	105D 071	Ophiolitic ultramafic	Cr	asbestos
Military (Phil)	105D 178	Ophiolitic ultramafic	Cr	Au
Pyroxene	115O 116	Alaskan-type intrusive	Pt	
Sato	115H 021	Porphyry	Cu	Mo
Dunite Mountain	105F 005	Ophiolitic ultramafic	Cr	asbestos
Tam (Falcon)	105I 044	Stratiform	Zn, Ni	
Drizzle (Jet)	105O 023	Stratiform	Ba	Zn, Cu, Pb
Niddery (Jet)	105O 005	Stratiform	Zn, Ni	Ag, Ba, Cu
Sanguinetti (Taiga)	116A 024	Stratiform	Ba	Zn, Pb, Cu, V
Rein (Taiga)	116B 128	Stratiform	Ba	Zn, Pb, Cu, V
Nick	106D 092	Stratiform	Ni	PGE, Zn, Mo
Porphyry	106C 013	Wernicke Breccia	Cu, Fe	Cr
Nick	106D 092	Stratiform	Ni	PGE, Zn, Mo
Barker Creek		Placer	Au, Pt	
AR		Kluane - type	Ni, PGE	Cu
Swede Johnson Creek		Placer	Pt, Au	
Spy - Klu		Kluane - type	Ni, Cu, PGE	Au
Florence Creek		Placer	Pt, Au	

- ▲ Alaskan-type intrusion
- ▲ Ophiolitic ultramafic
- ▲ Porphyry
- ★ Placer
- ▲ Stratiform
- ▲ Kluane - type
- ▲ Wernicke Breccia

Occurrences with MINFILE numbers from Yukon MINFILE, 1997.
Occurrences without MINFILE numbers, see accompanying text.

Density of Geochemical Anomalies (ave. value/50km²)

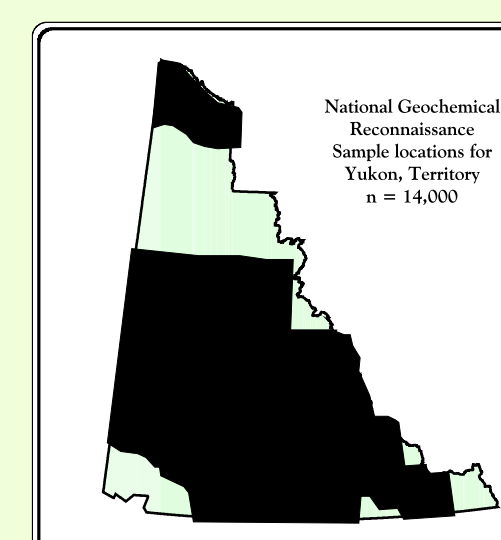


Densities calculated for each cell by averaging the values (ppm) for each point found in the search area (50 km²) and dividing by the area of the cell in km².

Scale 1:1,000,000

50 0 50 100 150
kilometres

Projection: Albers Equal-Area Conical
Central Meridian W123° 30'
Reference Latitude N 59° 00'



Platinum Potential in Yukon

by
Craig J. R. Hart, Mike Burke and Gary Stronghill

Acknowledgements:
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1999. Geological Survey of Canada, Open File 13326, and Geological
Services Division, Yukon, Indian and Northern Affairs Canada, Open
File 1999-1(D).
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Discussions with, Grant Abbott, Danielle Heon, Don Murphy, Rob Came
and Maurice Colpron have helped to improve the information on this map.
References and additional text accompany this open file.
Copies of this map, the accompanying report as well as other Yukon
Geology Program publications can be obtained from Geoscience
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