

Tungsten

Yukon and adjacent Northwest Territories have an extraordinary tungsten endowment. The region has a resource of approximately 1 million tonnes of contained metal, representing an estimated 20% of known global tungsten. Most of the Yukon's significant deposits are scheelite-bearing skarns developed at contacts between mid-Cretaceous felsic plutons and Lower Paleozoic limestone. The limestones occur near the transition from the Selwyn Basin to the Paleozoic carbonate platform. Other significant deposit types include porphyries and veins.

The Cantung mine is a scheelite-bearing skarn that had a pre-production resource of approximately 9 Mt grading 1.42% WO_3 and a historical production of approximately 30 000 tonnes of tungsten metal. The Mactung skarn deposit is one of the world's largest, with measured and indicated reserves of 13.7 million tonnes at 0.95% WO_3 . The Logtung deposit has a geological resource of 229 million tonnes grading 0.104% WO_3 with 0.05% MoS_2 and is among the world's largest intrusion-hosted tungsten-molybdenum deposits.

Given the widespread exposure of mid-Cretaceous granites and Lower Paleozoic carbonate rocks, the large tungsten reserves outlined, and the presence of several inadequately tested occurrences, there is very high potential for the discovery of additional tungsten deposits in the Yukon.

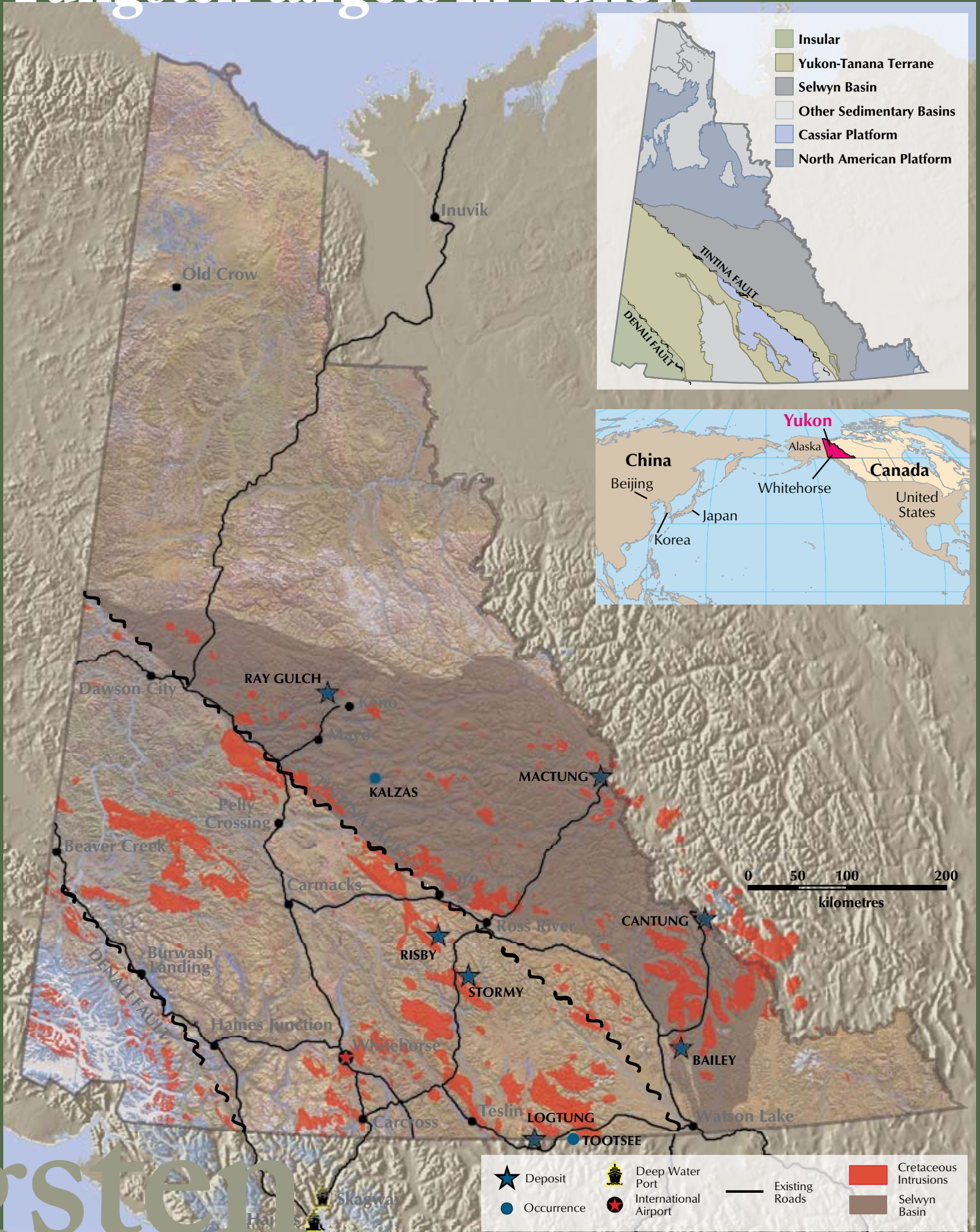
Skarn/replacement tungsten deposits.

Deposit Owner/optioned to/contact	Zone(s) Year resource-reserve was calculated/reference	Mineral resource-reserve category‡/ Tonnage@ grade/commodity	Status Yukon MINFILE no.**
Cantung North American Tungsten Corporation Limited 11-1155 Melville Street Vancouver, British Columbia Canada V6E 4C4 Telephone: 604-682-1333 www.northamericantungsten.com	Cantung	Pre-production resource 9 Mt @ 1.42% WO ₃	<i>Active mine</i> 1954: Discovered. 1962: Production started. 1986: Closed. 2002-2003: Reopened. 2005: Reopening. Located in Northwest Territories, access to minesite from the Yukon. 2006: In production.
Bailey North American Tungsten Corporation Limited 11-1155 Melville Street Vancouver, British Columbia Canada V6E 4C4 Telephone: 604-682-1333	B zone 1988 Assessment report #092120	Historical calculation 404 600 tonnes @ 1% WO ₃	<i>Deposit</i> 1963: Discovery. Mineralization is located in 3 zones over a strike length of 4 km. 105A 017
Risby Playfair Mining Ltd. Suite 520-470 Granville Street Vancouver, British Columbia Canada V6C 1V5 Telephone: 604-687-7178	Risby 1982 Northern Miner, 08/08/1982, p. 30	Historical calculation 2 700 000 tonnes @ 0.81% WO ₃	<i>Deposit</i> 1968: Discovery. A total of over 7000 m of drilling has been completed to date. 2006: Drilling (1000 m). 105F 034
Mactung North American Tungsten Corporation Limited 11-1155 Melville Street Vancouver, British Columbia Canada V6E 4C4 Telephone: 604-682-1333	Lower skarn Report by Roscoe Postle Associates Inc., June/2001 Upper skarn Report by Roscoe Postle Associates Inc., June/2001	Measured and indicated 5 052 000 tonnes @ 1.2% WO ₃ Measured and indicated 8 617 000 tonnes @ 0.8% WO ₃	<i>Deposit</i> 1962: Discovery. 1970: Road construction. 1971-1973: Underground development, bulk sampling, metallurgical testing. 1974-1977: Environmental and feasibility studies. 1984-1985: Bulk sampling and road building. 2005: Drilling, feasibility. 2006: Baseline study. 105O 002
Ray Gulch StrataGold Corporation 701-475 Howe Street Vancouver, British Columbia Canada V6C 2B3 Telephone: 604-682-5474	Garnet 1980 Assessment report #090614	Historical calculation 4 861 593 tonnes @ 0.48% WO ₃	<i>Deposit</i> 1942: Discovery. Completion to date of over 20 100 m of drilling. 2006: Core relogging. 106D 027
Stormy E-Energy Ventures 2110-1177 Hastings Street W Vancouver, British Columbia Canada V6E 2K3 Telephone: 604-681-1231	Stormy 1959 Assessment report #060692	Historical calculation 15 628 tonnes @ 1.05% WO ₃	<i>Deposit, active</i> 1955: Discovery. 1959: Underground development. 1979-1980: Underground rehabilitation, bulk sampling. 1995: Road building. 2005: Prospecting. 105F 011

Townsite at the Cantung mine, on the border between the Northwest Territories and the Yukon. The Cantung deposit consists of scheelite skarn developed in Cambrian carbonate rocks above a mid-Cretaceous pluton. The mine is the western world's largest operating tungsten mine.



Tungsten targets in Yukon



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Porphyry/sheeted vein tungsten deposits.

Deposit Owner/optioned to/contact	Zone(s) Year resource-reserve was calculated/reference	Mineral resource-reserve category‡/ Tonnage@ grade/commodity	<i>Status</i> Yukon MINFILE no.**
Logtung Largo Resources Ltd. 65 Queen Street West Suite 280, P.O. Box 71 Toronto, Ontario M5H 2M5 Telephone: 416-861-5895	Logtung 1984 Economic Geology, Aug/84 p. 848-868	Historical calculation 162 million tonnes @ 0.13% W, 0.052% Mo	<i>Deposit</i> 1976: Discovery and road construction. 1977-1981: Drilling (11 628 m), underground development, bulk sampling, metallurgical and environmental studies. 2001: Data compilation. 2006: Drilling. 105B 039
Kalzas Copper Ridge Exploration 500-625 Howe Street Vancouver, British Columbia Canada V6C 2T6 Telephone: 604-688-0833	Kalzas Drill intersection: Drill hole KZ05-05 24.4 m @ 0.304% WO ₃	Wolframite in sheeted veins, stockwork and breccia zones is exposed over a 1.5 km ² . Assays of greater than 1% WO ₃ over 1-6 m have been obtained in trenching.	<i>Active exploration</i> 1978: Discovery. 1981-1983: Trenching, 2 drill holes. 2001-2002: Extensive trench sampling. 2005: Drilling 5 holes, 397 m. 105M 066
Tootsee Cumberland Resources Ltd. Suite 950, One Bentall Centre 505 Burrard Street, Box 72 Vancouver, British Columbia Canada V7X 1M4 Telephone: 604-608-2557	Tootsee	No resource outlined. Scheelite and molybdenite developed in calc-silicate hornfels, and small porphyry intrusion.	<i>Active exploration</i> 1979: Discovery. 1983: Drilling 576 m. 2006: Geological mapping, drilling. 105M 066

‡Mineral resource-reserve category: resource and reserve figures have been compiled from a variety of historical data sources that in most cases predate the implementation of National Instrument 43-101. Therefore, only those figures indicated by an asterisk (*) comply with National Instrument 43-101.

** The Yukon MINFILE is a computerized mineral inventory system that documents the exploration history and geology of metallic, industrial mineral and coal occurrences in the Yukon. The database contains detailed descriptions of 2612 separate mineral occurrences located throughout the Yukon.

Large blades of wolframite contained in sheeted quartz veins at the Kalzas tungsten deposit. The veins cut hornfelsed sedimentary rocks surrounding an unexposed pluton. Despite widespread mineralization, there are only two historical drill holes. The deposit was actively drilled in 2005.

