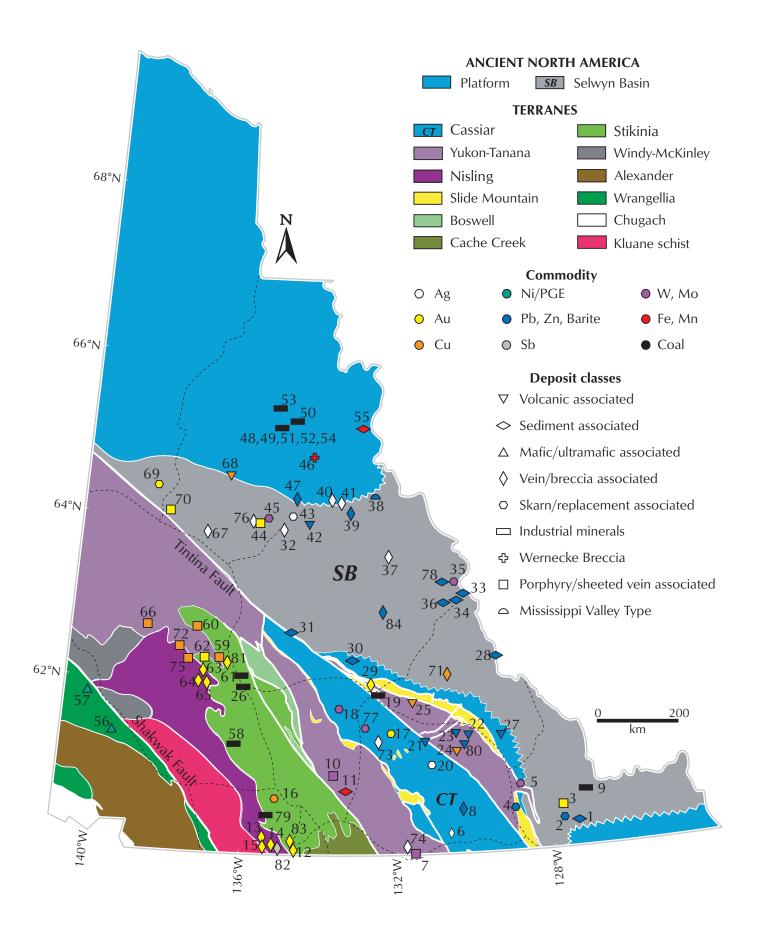






### YUKON MINERAL DEPOSITS 2005 - Map



## YUKON MINERAL DEPOSITS 2005 - Legend

deposit no.	deposit name	page number	deposit no.	deposit paname paname paname	age ber
1	Mel (Zn, Pb, Barite)	8	43	Clark (Ag, Pb, Zn)	. 5
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3	Hyland Gold (Au)	3	45	Ray Gulch (W)	10
4	Sa Dena Hes (Zn, Pb)	9	46	Pagisteel (Fe)	12
5	Bailey (W)	10	47	Blende (Ag, Pb, Zn)	. 9
6	Hart (Ag)	5	48	Marathon (coal)	13
7	Logtung (W, Mo)	10	49	Pole (coal)	13
8	Logan (Zn, Ag)	9	50	Garlic Ring (coal)	13
9	Sulpetro (coal)	13	51	Illtyd (coal)	13
10	Red Mountain (Mo)	11	52	Pan Ocean (coal)	13
11	Marlin (Rh)	12	53	Deslaurier (coal)	13
12	Venus (Au, Ag, Pb, Zn)	5	54	Spaceship (coal)	13
13	Skukum (Au)	4	55	Crest (Fe)	
14	Goddell (Au)	4	56	Wellgreen (Ni, Cu, Pt, Pd)	
15	Mt Reid (Au, Ag)	4	57	Canalask (Ni)	11
16	Whitehorse Copper (Cu, Au)	7	58	Division (coal)	
17	Ketza (Au)		59	Williams Creek (Cu, Au)	. 6
18	Risby (W)	10	60	Minto/Def (Cu, Au)	. 6
19	Whiskey Lake (coal)	13	61	Tantalus (coal)	14
20	Tintina (Ag, Pb, Zn)	5	62	Antoniuk (Au)	. 3
21	Wolf (Zn, Pb, Ag)	9	63	Laforma (Au)	. 4
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27	Matt Berry (Pb, Zn, Ag)		69	Marn (Au, Cu, W)	
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29	Grew Creek (Au)		71	Pike (Cu, Ag)	
30	Faro, Grum, Vangorda, Grizzly, Swim (Zn, Pb, A	0,	72	Cash (Cu, Mo)	
31	Clear Lake (Pb, Zn, Ag)		73	Groundhog (Ag, Pb, Zn)	
32	United Keno Hill (Ag, Pb, Zn)		74	Logjam (Ag, Au)	
33	Tom (Zn, Pb, Ag, Barite)		75	Nucleus (Cu)	
34	Jason (Zn, Pb, Ag, Barite)		76	Peso (Ag, Pb)	
35	Mactung (W)		77	Stormy (W)	
36	Samovar (Barite)		78	Walt (Barite)	
37	Plata/Inca (Ag, Au)		79	Whitehorse Coal (coal)	
38	Goz (Zn)		80	GP4F (Zn, Pb, Cu, Ag, Au)	
39	Craig (Pb, Zn, Ag)		81	Tinta (Ag, Pb)	
40	Vera (Ag, Pb, Zn)		82	Becker-Cochran (Sb)	
41	Val (Ag, Pb, Zn)		83	Big Thing (Au)	
42	Marg (Cu, Zn, Pb, Ag, Au)	10	84	Andrew (Zn, Pb, Ag)	. 9

# **YUKON MINERAL DEPOSITS 2005**

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Cover photo: Polymetallic chalcopyrite-quartz mineralization from the Wolverine property, Finlayson Lake area, Yukon. Photo by Peter Long.

Inside cover

Map modified by S. Traynor. Terrane layer is modified by Colpron in 2004 after Wheeler and McFeely (1991)

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#### INTRODUCTION

The following tables have been compiled from information derived from the Yukon MINFILE 2005 — A database of mineral occurrences (Deklerk and Traynor, 2005). Reserve and resource figures presented are not calculated by Yukon MINFILE personnel, but are quoted from referenced industry sources, publications, assessment and/or technical reports, etc. (see next page). Differences in mineral deposit categories exist in the referenced sources, and Yukon MINFILE personnel have, in some cases, interpreted the category to which a figure belongs. The reader is encouraged to refer to the original data for detailed information.

During the compilation of this data, previous or historical estimates of tonnage and grade, not meeting the minimum requirement for mineral resources and reserves as defined by National Instrument 43-101 and CIM standards (referenced below), were encountered. In order not to misrepresent these historic or 'order-of-magnitude' figures as estimates of mineral resources or mineral reserves, those figures which have recently been independently verified or recalculated by a qualified person and meet the minimum requirements of National Instrument 43-101 are indicated by an asterisk(\*).

Effort has been made to ensure the contents of this publication are as accurate as possible. Please let us know of any errors or omissions by directing your comments and/or corrections to Steve Traynor at (867) 456-3828 or steve.traynor@gov.yk.ca.

#### **SUMMARY OF CONTENTS**

This report includes:

- a colour map and legend of 84 mineral deposits with reserves/resources; and
- tables of mineral deposits organized by commodity, deposit types and sub-types. The
  tables are comprised of information gathered from a variety of sources including Yukon
  MINFILE, company press releases and websites, Yukon Geological Survey publications,
  and other historical sources of information.

Each table contains the following information:

- name of deposit;
- corresponding number on Yukon mineral deposits map;
- Yukon MINFILE reference number;
- other names by which the deposit is known;
- owner and optioner (if applicable);
- NTS map sheet;
- · latitude and longitude;

- UTM coordinates;
- location;
- mineralized zone;
- reference;
- reserves/resources;
- grade/commodity; and
- status.

**Table 1. Yukon GOLD deposits** 

Deposit [no. on map] (Other names) MINFILE no. Owner/optioned to	Location NTS Map Sheet/ Latitude/Longitude(NAD 83) UTM Zone/Northing/Easting	Mineralized zone(s) Year resource-reserve was calculated/ Reference	Tonnage Mineral resource- reserve Category†	Grade /commodity	Status
PORPHYRY/SHEETED VEIN Intrusion-related Au					
Hyland Gold [3] (Porker) 095D 011 StrataGold Corporation/ Northgate Minerals Corporation	95D/12 60°30'42" N/127°51'06" W 09 6708946 N/563057 E 68 km NE of Watson Lake	Main zone 1991 Assessment report #094150	3.1 Mt Historical calculation	1.1 g/t Au	Deposit, active exploration. 1954-86: discovery, intermittent exploration. 1989: winter road construction. Over 7500 m of drilling completed to date. Low-grade oxide gold deposit with openpit potential. Current program is testing sulphide potential.
Dublin Gulch [44] 106D 025 StrataGold Corporation	106D/4 64°01'56" N/135°47'51" W 08 7100848 N/461038 E 49 km N of Mayo	Eagle 2004 Technical report by Snowden Mining Industry Consultants	55.228 Mt Indicated* (COG of 0.5 g/t Au) 17.255 Mt Inferred* (COG 0.5 g/t Au)	0.934 g/t Au 0.743 g/t Au	Deposit, active exploration. 1901-09: staking, aditing, shafting. 1996: metallurgical testing, engineering and environmental baseline studies. 1997: feasibility study. 1998: ongoing baseline studies, permitting under CEAA, environmental monitoring. Total of 27 700 m of drilling to date.
Brewery Creek [70] 116B 160 Quest Capital Corporation/ Alexco Resources Corporation	116B/1 64°03'28" N/138°14'23" W 07 7106371 N/634700 E 58 km E of Dawson City	Brewery Creek (includes Bohemian, Big Rock, Fosters zone)  North Slope 2003 Technical Report by R.M. Diment and R.G. Simpson	3 975 900 t Indicated* (COG of 0.5 g/t Au) 214 000 t Inferred* (COG of 0.5 g/t Au)	1.135 g/t Au 2.01 g/t Au	Open-pit, past producer, reclamation, active exploration. 1987: discovery. 1988-91: completed 38 656 m of drilling. 1989-90: bulk sampling, metallurgical testing. 1992-93: test pitting, environmental studies. 1994: feasibility study, permitting. 1995: mine construction. Began heap leach production in Nov./96. 2003: comprehensive compilation of property completed. 2004: drilling.
Porphyry Cu+/-Mo+/-Au				,	
Nucleus [75] (Golden Revenue) 1151 107 Atac Resources Limited	115I/6 62°20'03" N/137°20'09" W 08 6913592 N/379016 E 61 km NW of Carmacks	Nucleus 1989 Assessment report #092703	211 925 t Not defined	3.16 g/t Au	Deposit, active exploration. 1968: discovery. 2000: road construction. Total of over 7800 m of drilling completed to date.
Subvolcanic Cu-Au					
Antoniuk [62] (Rambler) 1151 111 FM Resources Corporation	115I/6 62°16'13" N/137°05'56" W 08 6906056 N/391054 E 47 km NW of Carmacks	Antoniuk 1988 Assessment report #092161	3 877 900 t Not defined	1.16 g/t Au	Deposit, inactive. 1931: discovery. Over 5200 m of drilling. Cyanide leach tests showed that mineralization is amenable to heap leaching.
SKARN/REPLACEMENT					
Retza [17] (Ketza River) 105F 019 YGC Resources Limited	105F/9 61°32'17" N/132°16'16" W 09 6706511 N/558029 E 51 km SSE of Ross River	Manto style zones 2004 Report by Giroux Consultants Limited	1 210 00 t Measured* 3 040 000 t Indicated* 6 270 000 t Inferred* (COG of 1.0 g/t Au)	3.43 g/t Au 2.67 g/t Au 1.76 g/t Au	Past producer, mill, active exploration. 1954: discovery. 1988-90: production of over 3 112 000 g Au, before closing in Sept/90. 1994-96: drilling (11 090 m), mapping, prospecting.
		Shamrock zone 2004 Report by Giroux Consultants Limited	2 590 000 t Indicated* 4 030 000 t Inferred* (COG of 1.0 g/t Au)	2.19 g/t Au 1.92 g/t Au	
Skarn Au(Cu)	116B/7	Mini grid	226 796 t	8 56 σ/+ A	Deposit, active exploration. 1914: original
Marn [69] 116B 147 Canadian United Minerals Incorporated	116B// 64°29'13" N/138°48'21" W 07 7153099 N/605433 E 57 km NNE of Dawson City	1986 Assessment report #091814	Historical calculation	8.56 g/t Au 1% Cu 0.1% W 17.12 g/t Ag	discovery. A total of over 4400 m of drilling has been completed to date.

Deposit [no. on map] (Other names) MINFILE no.	Location NTS Map Sheet/ Latitude/Longitude(NAD 83)	Mineralized zone(s) Year resource-reserve was calculated/	resource-	Grade /commodity	Status
Owner/optioned to	UTM Zone/Northing/Easting	Reference	reserve Category†		
VEIN/BRECCIA					
<b>Epithermal-High sulphidation Goddell</b> [14] (Goddell Gully) 105D 025 Tagish Lake Gold Corporation	105D/3 60°11'32" N/135°16'55" W 08 6672852 N/484365 E 32 km W of Carcross	Total 2003 Engineering Report by W.D. Roy, MineTech International Ltd.	320 000 t Indicated* 280 000 t Inferred*	11.02 g/t Au 9.21 g/t Au	Deposit, active exploration. 1906: discovery, trenching and short adit. 1985-90: geophysics, geochemistry, drilling (6373 m). 1995-98: drilling (2842 m). 1996-97: drove ramp and carried out underground drilling (6946 m). 2003: drilling (800 m).
Mt. Reid [15] (Skukum Creek, Combination) 105D 022 Tagish Lake Gold Corporation	105D/3 60°10'45" N/135°24'42" W 08 6671436 N/477162 E 38 km W of Carcross	Total (Rainbow and Kuhn Zone) 2003 Engineering Report by W.D. Roy, MineTech International Ltd.	160 000 t Measured* 640 000 t Indicated* 90 000 t Inferred*	6.52 g/t Au 257 g/t Ag 6.84 g/t Au 203 g/t Ag 6.53 g/t Au 225 g/t Ag	Deposit, active exploration. 1922: discovery. 1985-88: extensive surface and underground exploration and development. Bio-leach tests were positive. Metallurgical tests showed recoveries of 92% for Au and 94.5% for Ag. 1996-98: underground and surface drilling. 2000: compilation of exploration data. 2001: surface drilling of Ridge Zone. 2002: underground drilling. 2004: extended access tunnel.
Laforma [63] (Mount Freegold) 115I 054 FM Resources Corporation	115I/6 62°16'08" N/137°07'04" W 08 6905933 N/390069 E 48 km NW of Carmacks	G-3 Vein 1966 Assessment report #062138	62 184 t Historical calculation	15.1 g/t Au	Underground past producer, inactive. 1931: discovery. 1939-40: 1286 t milled. 1960-66: underground drilling (633 m) and drifting, 8653 t milled. 1995: drilling (2134 m), trenching and adit rehabilitation in preparation for bulk testing. 1996: construction of mill. Work was later halted when VSE suspended shares of former company for failing to provide independent verification of ore reserves.
Mount Nansen [64] (Webber, Huestis) 1151 065 Court appointed receiver - PricewaterhouseCoopers Incorporated	1151/3 62°03'16" N/137°10'34" W 08 6882154 N/386239 E 47 km W of Carmacks	Huestis 1989 Assessment report #092701  Webber 1989 Assessment report #092701  Flex	85 727 t Not defined 58 524 t Not defined	14 g/t Au 283 g/t Ag 10.9 g/t Au 611 g/t Ag	Deposit, past producer, mill, under government care. 1945: discovery. 1968-69, 1976: production from Webber, Huestis. 1995: expansion and rehabilitation of existing mill, drilling of Flex and Huestis zones. 1997: stripping, trenching and geochemistry of Flex zone, which was slated for production after depletion of the adjoining Brown-McDade pit.
D 44 D 1 (cr)	4471/2	1995 Assessment report #093365	Indicated 38 615 t Inferred	234 g/t Ag 5.8 g/t Au 333 g/t Ag	
Brown-McDade [65] 1151 064 Court appointed receiver - PricewaterhouseCoopers Incorporated	1151/3 62°03'00" N/137°07'19" W 08 6881565 N/389054 E 44 km W of Carmacks	Underground 1989 Assessment report #092701 Assumes 1.52 m minimum mining width and cutoff grade of 6.8 g/t Au	193 706 t Not defined (originally reported as a probable reserve)	14.47 g/t Au 100 g/t Ag	Open-pit past producer, under government care. 1943: discovery. 1994-95: tailings storage study, road building, tailings dam stripping, construction and rehabilitation of mill and mine buildings. 1996: received a class A water license; production rates at the end of year reached 500 t/day. 1999: mining ceased due to environmental problems.
Epithermal-Low sulphidation	1.25 (2				I
Skukum [13] (Mount Skukum Mine) 105D 158 Tagish Lake Gold Corporation	105D/3 60°12'24" N/135°28'09" W 08 6674519 N/473994 E 42 km W of Carcross	Lake 2003 Annual Information Form	109 200 t Indicated	13.4 g/t Au	Underground past producer, mill, active exploration. 1981: discovery. 1986 to 1988: produced 29 622 270 g Au from 201 461 t of ore from Cirque Zone, with an average grade of 13.0 g/t Au. 2001: mapping, prospecting and sampling.
Grew Creek [29] (Main Zone) 105K 009 Al Carlos/Freegold Ventures Limited	105K/2 62°02'47" N/132°51'15" W 08 6881204 N/612207 E 24 km WNW of Ross River	Main 1997 Assessment report #093627, p.20	527 360 t Not defined	5.27 g/t Au	Deposit, active exploration. 1984: discovery. Over 32 000 m of drilling completed to date. Current drilling program is evaluating a new interpretation of the structural controls on the mineralized vein system within the Main zone and other nearby targets.

Deposit [no. on map] (Other names) MINFILE no. Owner/optioned to	Location NTS Map Sheet/ Latitude/Longitude(NAD 83) UTM Zone/Northing/Easting	Mineralized zone(s) Year resource-reserve was calculated/ Reference	Tonnage Mineral resource- reserve Category†	Grade /commodity	Status
Polymetallic veins					
Venus [12]	105D/2	Total	61 689 t	305.14 g/t Ag	Underground past producer, inactive.
105D 005	60°01'30" N/134°38'05" W	1985	Historical	2.5% Pb	1901: discovery. 1905: underground development,
Ron Berdahl	08 6654251 N/520358 E 17 km S of Carmacks	Canadian Mines Handbook 1986-1987	calculation	1.5% Zn 10.98 g/t Au	constructed tramway and mill. 1912-20: limited production. 1966-70: underground development, road construction, limited production. 1979-84: underground development, mill construction. 1994: feasibility study on remediation of mine tailings.
Tinta Hill [81]	1151/7	Tinta Hill	843 000 t	183.2 g/t Ag	Deposit, active exploration. 1930: discovery.
1151 058	62°17'36" N/136°58'40" W	1980	Historical	4.71% Pb	1989: road construction. Extensive underground
Midnight Mines Limited (Bill Harris)	08 6908426 N/397418 E	Northern Miner,	calculation	6% Zn	and surface development by previous operators.
	43 km NW of Carmacks	12/04/80, p. 5		0.35% Cu 2.57 g/t Au	
Big Thing [83]	105D/2	Total	74 526 t	13.38 g/t Au	Underground past producer, inactive.
(Arctic, Caribou)	60°04'34" N/134°42'01" W	1983	Proven and	329.14 g/t Ag	1905: discovery. 1910: underground
105D 009	08 6659925 N/516679 E	Rex Silver Mines Ltd,	probable		development. 1915-16: mined 2290 t.
Larry Barrett	61 km SSE of Whitehorse	annual report	reserve		1942: underground rehabilitation and development. 1966-67: construction of mill, underground development. 1968-69: milled 50 751 t. 1975-76: underground rehabilitation.

## Table 2. Yukon SILVER deposits

Deposit [no. on map] (Other names) MINFILE no. Owner/optioned to	Location NTS Map Sheet/ Latitude/Longitude(NAD 83) UTM Zone/Northing/Easting	Mineralized zone(s) Year resource-reserve was calculated/ Reference	Tonnage Mineral resource- reserve Category†	Grade /commodity	Status
Polymetallic manto					
Tintina [20] (Eagle) 105G 006 Tintina Silver Mines Limited	105G/3 61°08'30" N/131°09'02" W 09 6780470 N/384218 E 116 km SE of Ross River	Total 1980 Canadian Mines Handbook 1980-81, p. 269	90 719 t Historical calculation	687.5 g/t Ag 6% Pb 10% Zn	Deposit, inactive. 1961: discovery. 1962: winter road construction and underground development. Total of 7735 m of drilling completed
Clark [43] 106D 011 Tanana Exploration Incorporated	106D/2 64°07'01" N/134°57'24" W 08 7110046 N/502110 E 74 km NE of Mayo	Total 1975 Assessment report #092121	327 373 t Historical calculation	254.8 g/t Ag 5.64% Pb 4.6% Zn	Deposit, active exploration. 1967: discovery. 1968: road construction. 1970-88: Total of 7779 m of surface and underground drilling and 455 m of underground development. 2004: prospecting, geochemistry.
VEIN/BRECCIA					
Polymetallic veins					
Hart [6] 105B 021 CMC Metals Limited	105B/7 60° 19'45" N/130° 44'41" W 09 6689345 N/403659 E 111 km ENE of Teslin	Open pit 2005 Underground 2005 Technical report by W.S. Read and James C. McCrea, Feb/2005.	45 634 t Inferred* 59 893 t Inferred*	2088 g/t Ag 1824 g/t Ag	Deposit, active exploration. 1948: discovery. 1985-86: road construction, underground development. 1988: feasibility study. Extensive trenching and over 5200 m of drilling completed to date.
United Keno Hill [32] 105M 001 Court appointed receiver - PricewaterhouseCoopers Incorporated	105M/14 63°54'35" N/135°18'01" W 08 7086988 N/485265 E Elsa (39 km NNE of Mayo)	Total 1996 United Keno Hill Mines Limited Annual Report	856 382 t Not defined	1026 g/t Ag 4.8% Pb 3.9% Zn	Underground past producer, mill, care and maintenance. 1903: discovery. 1921-1988: 4.8 Mt milled which produced 6.9 million g Ag, 322 million kg Pb and 198 million kg Zn. 1989: operations suspended. 1995: de-watering, rehabilitation, underground drilling and ore delineation.
Plata [37] 105N 003 Big Blackfoot Resources Limited	105N/9 63°35'09" N/132°01'55" W 08 7054281 N/647279 E 191 km E of Mayo	Plata – 4 vein 1996 Canadian Mines Handbook 2002-03, p. 63	453 592 t Historical calculation	376.71 g/t Ag 10% Pb+Zn 3.77 g/t Au	Open-pit, past producer, inactive. 1969: discovery. 1972-74: road and airstrip construction. 1976, 1983-84: 1891.6 t mined. 1984-85: underground development. 1987: 114 t mined.

Deposit [no. on map]	Location	Mineralized zone(s)	Tonnage	Grade	Status
(Other names)	NTS Map Sheet/	Year resource-reserve	Mineral	/commodity	
MINFILE no.	Latitude/Longitude(NAD 83)	was calculated/	resource-		
Owner/optioned to	UTM Zone/Northing/Easting	Reference	reserve		
			Category†		
Vera [40]	106C/5	Main	352 659 t	606.16 g/t Ag	Deposit, inactive. 1978: discovery.
106C 083	64°18'24" N/133°44'50" W	1982	Historical	3.18% Pb	1980: underground development. Completion to
Prism Resources Incorporated	08 7131784 N/560600 E	Assessment report	calculation	3.47% Zn	date of 9700 m of drilling.
	131 km NE of Mayo	#062208			
Val [41]	106C/5	Siltstone	19 958 t	26.7% Pb	Deposit, inactive. 1978: discovery.
106C 085	64°16'01" N/133°41'35" W	1998	Historical	7.3% Zn	1988: environmental studies along proposed
Prism Resources Incorporated	08 7127411 N/563311 E	Assessment report	calculation	1027.4 g/t Ag	road route. Completion to date of over 8500 m
	130 km NE of Mayo	#062146			of drilling.
Groundhog [73]	105F/10	Total	200 950 t	91.89 g/t Ag	Deposit, inactive. 1956: discovery. 1978: road
(Jeff, Lorne)	61°39'00" N/132°49'42" W	1988	Inferred	3.18% Pb	construction. 1979-80: shipped 1010 t of hand-
105F 029	08 6837109 N/615033 E	Assessment report		4.01% Zn	sorted galena ore. 1988: drilling (2286 m),
St. Cyr Range Mineral Exploration	44 km SW of Ross River	#093042			environmental study, underground development
Limited					and bulk sampling.
Logjam [74]	105B/4	Total	70 144 t	393.2 g/t Ag	Deposit, inactive. 1944: discovery. 1965-67, 80-81,
105B 038	60°01'32" N/131°36'06" W	1983	Historical	3.02 g/t Au	86-88: underground development and road
Farrell Andersen	09 6657109 N/355021 E	Assessment report	calculation		construction. Total of 2972 m of drilling to date.
	65 km ESE of Teslin	#062205			
Peso [76]	106D/4	Peso/Rex	139 371 t	716 g/t Ag	Deposit, inactive. 1910: discovery.
(Rex)	64°01'28" N/135°56'42" W	1965	Historical	3.7% Pb	1961-64: underground development and drilling.
106D 021	08 7100080 N/453819 E	Assessment report	calculation		
M.J. Moreau	47 km N of Mayo	#062258			
Sn(Ag) veins					
<b>Zeta</b> [67]	115P/14	Zeta	98 248 t	557.8 g/t Ag	Deposit, inactive. 1983: discovery.
115P 047	63°59'23" N/137°17'31" W	1989	Historical		1984: trenching, mapping, geophysics,
Ron Berdahl (67%) and	08 7097884 N/387873 E	Yukon Exploration	calculation		geochemistry and drilling. 1988: drilling. A total of
Martin Knutson (33%)	82 km NW of Mayo	1988, p. 220			1021 m of drilling completed to date.

## Table 3. Yukon COPPER deposits

Deposit [no. on map]	Location	Mineralized zone(s)	Tonnage	Grade	Status
(Other names)	NTS Map Sheet/	Year resource-reserve	Mineral	/commodity	
MINFILE no.	Latitude/Longitude(NAD 83)	was calculated/	resource-		
Owner/optioned to	UTM Zone/Northing/Easting	Reference	reserve		
			Category†		
PORPHYRY/SHEETED VEIN					
Alkalic porphyry Cu-Au					
Williams Creek [59]	1151/7	No. 1 zone	15.55 Mt	1.01% Cu	Deposit, permitting stage. 1970: discovery.
(Carmacks Copper)	62°20'56" N/136°41'37" W	1998	Proven mineral	0.5 g/t Au	1993: construction of test facility for heap
1151 008	08 6914195 N/412316 E	Letter to shareholders	reserve		leaching during cold winter months. Feasibility
Western Silver Corporation	36 km NNW of Carmacks	dated 02/06/98			study completed in November, 1994. Three
					studies submitted to RERC and the property
					is in the final stages of the permitting process.
					Currently discussing joint venture proposals for
					project development.
Minto [60]	1151/11	Minto/Def zones	3.6 Mt	1.74% Cu	Deposit, inactive. 1971: discovery. 1972: airstrip
(Def)	62°36'33" N/137°14'18" W	2005	Measured*	0.45 g/t Au	construction. 1973: discovery of Def
1151 021, 022	08 6944037 N/385126 E	Technical report by	(COG of	7.37 g/t Ag	zone, metallurgical/geotechnical studies.
Sherwood Copper Corporation	76 km NW of Carmacks	Giroux Consultants	0.5% Cu)		Total of 17 355 m of drilling completed.
		Ltd, July 2005.			1995: environmental studies, permitting.
			4.73 Mt	1.90% Cu	1996-97: feasibility study, road upgrades, mill
			Indicated*	0.65 g/t Au	construction. 1998-99: received production and
			(COG of	8.4 g/t Ag	water licenses. 2005: grant 10-year extension to
			0.5% Cu)		water license.
			700 000 t	1.41% Cu	
			Inferred* (COG		
			of 0.5% Cu)	6.0 g/t Ag	
			01 0.5 /0 Cu)	0.0 8/17/18	
	L	I			

Deposit [no. on map]	Location	Mineralized zone(s)	Tonnage	Grade	Status
(Other names)	NTS Map Sheet/	Year resource-reserve	Mineral	/commodity	
MINFILE no.	Latitude/Longitude(NAD 83)	was calculated/	resource-		
Owner/optioned to	UTM Zone/Northing/Easting	Reference	reserve		
Davishawa Carl / Marl / Ass			Category†		
Porphyry Cu+/-Mo+/-Au Casino [66]	115]/10	Supergene oxide	42 Mt	0.35 g/t Au	Deposit, feasibility stage. 1967: discovery.
115J 028	62°44'16" N/138°49'41" W	zone	Indicated*	0.33 % Cu	1994: extensive infill and geotechnical drilling,
Great Basin Gold Limited/Lumina	07 6958243 N/610984 E	2004 Report by	(COG of	0.66% Cu Eq	metallurgical, environmental and engineering
Resources Corporation	150 km NW of Carmacks	Rebagliati Geological	0.3% Cu Eq)		studies. Detailed project prefeasibility study
		Consulting Ltd.			completed with open-pit mining proposed.
		Supergene sulphide	124 Mt	0.32 g/t Au	1997: environmental studies continue.
		zone	Indicated*	0.32 g/t/td 0.32% Cu	
		2004 Report by	(COG of	0.66% Cu Eq	
		Rebagliati Geological	0.3% Cu Eq)		
		Consulting Ltd.			
		Hypogene zone	798 Mt	0.21 g/t Au	
		2004 Report by	Indicated*	0.19% Cu	
		Rebagliati Geological	(COG of	0.48% Cu Eq	
		Consulting Ltd.	0.3% Cu Eq)		
Cash [72] 115I 037	1151/5	Journeay zone	36.29 Mt Historical	0.17% Cu 0.018% Mo	Deposit, withdrawn from staking. 1969: discovery.
Unstaked (Category A Selkirk First	62°25'45" N/137°37'12" W 08 6924733 N/364732 E	(hypogene) 1977	calculation	U.U10% MO	1974: construction of airstrip. 1989: road construction.
Nation settlement lands)	79 km NW of Carmacks	Mineral Industry	carculation		construction.
,		Report 1977, p. 70-71			
SKARN/REPLACEMENT					
Skarn Cu(Au)	10ED /11	T ( ) (	2 050 000 /	0.050/.0	D
Whitehorse Copper [16] 105D 053, 054, 055	105D/11 60°37'36" N/135°03'20" W	<b>Total</b> of seven deposits	3 059 000 t Historical	0.95% Cu	Past producer, active exploration. 1887: discovery. 1900-82: operated intermittently, 10 130 000 t
H. Coyne and Sons Limited, Kluane	08 6721206 N/496960 E	1984	calculation		mined with an average grade of 1.5% Cu.
Drilling/Global Hunter Corporation	10 km S of Whitehorse	DIAND Open File			Approximately 177 000 oz (5.5 million g) Au
	(location information for site	1984-1			and 2.6 million oz (81 million g) Ag were also
	of Whitehorse Copper mill)				extracted. 1990-91: 500 m of rotary drilling
					in 7 holes, geophysical survey and trenching. 1999-2004: drilling, geophysics, trenching.
VEIN/BRECCIA					, see 2
Cu+/-Ag quartz veins					
Pike [71]	105J/2	Total	300 000 t	0.5% Cu	Deposit, inactive. 1966: airborne geophysics,
<b>Pike</b> [71] 105J 003	62°10'01" N/130°41'42" W	1982	Historical	0.5% Cu 62.2 g/t Ag	discovery. 1967: road construction. Resource
Pike [71] 105J 003 Unstaked (Category A Ross River	62°10'01" N/130°41'42" W 09 6893933 N/411713 E	1982 EMR Mineral Bulletin			
Pike [71] 105J 003 Unstaked (Category A Ross River Dena Council settlement lands)	62°10'01" N/130°41'42" W	1982	Historical		discovery. 1967: road construction. Resource
Pike [71] 105J 003 Unstaked (Category A Ross River	62°10'01" N/130°41'42" W 09 6893933 N/411713 E	1982 EMR Mineral Bulletin	Historical		discovery. 1967: road construction. Resource
Pike [71] 105J 003 Unstaked (Category A Ross River Dena Council settlement lands) VOLCANIC ASSOCIATED	62°10'01" N/130°41'42" W 09 6893933 N/411713 E	1982 EMR Mineral Bulletin	Historical		discovery. 1967: road construction. Resource calculation based on trenching and 3 drill holes.  Deposit, inactive. 1960: discovery.
Pike [71] 105J 003 Unstaked (Category A Ross River Dena Council settlement lands) VOLCANIC ASSOCIATED Besshi Cu(-Zn) Fyre [24] (Kona)	62°10'01" N/130°41'42" W 09 6893933 N/411713 E 94 km ENE of Ross River 105G/2 61°13'34" N/130°30'55" W	1982 EMR Mineral Bulletin MR 213, p. 313 High grade core 1998	Historical calculation  8.2 Mt Not defined	62.2 g/t Ag  2.1% Cu 0.11% Co	discovery. 1967: road construction. Resource calculation based on trenching and 3 drill holes.  Deposit, inactive. 1960: discovery. 1996-97: extensive geochemical, geological and
Pike [71] 105J 003 Unstaked (Category A Ross River Dena Council settlement lands) VOLCANIC ASSOCIATED Besshi Cu(-Zn) Fyre [24] (Kona) 105G 034	62°10'01" N/130°41'42" W 09 6893933 N/411713 E 94 km ENE of Ross River 105G/2 61°13'34" N/130°30'55" W 09 6788916 N/418633 E	High grade core 1998 George Cross	Historical calculation  8.2 Mt Not defined (resource	62.2 g/t Ag 2.1% Cu	discovery. 1967: road construction. Resource calculation based on trenching and 3 drill holes.  Deposit, inactive. 1960: discovery. 1996-97: extensive geochemical, geological and geophysical surveys, 23 200 m of drilling and
Pike [71] 105J 003 Unstaked (Category A Ross River Dena Council settlement lands) VOLCANIC ASSOCIATED Besshi Cu(-Zn) Fyre [24] (Kona)	62°10'01" N/130°41'42" W 09 6893933 N/411713 E 94 km ENE of Ross River 105G/2 61°13'34" N/130°30'55" W	High grade core 1998 George Cross Newsletter,	Historical calculation  8.2 Mt Not defined (resource estimate	62.2 g/t Ag  2.1% Cu 0.11% Co	discovery. 1967: road construction. Resource calculation based on trenching and 3 drill holes.  Deposit, inactive. 1960: discovery. 1996-97: extensive geochemical, geological and geophysical surveys, 23 200 m of drilling and preliminary scoping and metallurgical studies have
Pike [71] 105J 003 Unstaked (Category A Ross River Dena Council settlement lands) VOLCANIC ASSOCIATED Besshi Cu(-Zn) Fyre [24] (Kona) 105G 034	62°10'01" N/130°41'42" W 09 6893933 N/411713 E 94 km ENE of Ross River 105G/2 61°13'34" N/130°30'55" W 09 6788916 N/418633 E	High grade core 1998 George Cross	8.2 Mt Not defined (resource estimate originally	62.2 g/t Ag  2.1% Cu 0.11% Co	discovery. 1967: road construction. Resource calculation based on trenching and 3 drill holes.  Deposit, inactive. 1960: discovery. 1996-97: extensive geochemical, geological and geophysical surveys, 23 200 m of drilling and
Pike [71] 105J 003 Unstaked (Category A Ross River Dena Council settlement lands) VOLCANIC ASSOCIATED Besshi Cu(-Zn) Fyre [24] (Kona) 105G 034	62°10'01" N/130°41'42" W 09 6893933 N/411713 E 94 km ENE of Ross River 105G/2 61°13'34" N/130°30'55" W 09 6788916 N/418633 E	High grade core 1998 George Cross Newsletter,	Historical calculation  8.2 Mt Not defined (resource estimate	62.2 g/t Ag  2.1% Cu 0.11% Co	discovery. 1967: road construction. Resource calculation based on trenching and 3 drill holes.  Deposit, inactive. 1960: discovery. 1996-97: extensive geochemical, geological and geophysical surveys, 23 200 m of drilling and preliminary scoping and metallurgical studies have
Pike [71] 105J 003 Unstaked (Category A Ross River Dena Council settlement lands) VOLCANIC ASSOCIATED Besshi Cu(-Zn) Fyre [24] (Kona) 105G 034 Pacific Ridge Exploration Limited	62°10'01" N/130°41'42" W 09 6893933 N/411713 E 94 km ENE of Ross River 105G/2 61°13'34" N/130°30'55" W 09 6788916 N/418633 E 132 km SE of Ross River	High grade core 1998 George Cross Newsletter,	8.2 Mt Not defined (resource estimate originally reported as measured/ indicated)	2.1% Cu 0.11% Co 0.73 g/t Au	discovery. 1967: road construction. Resource calculation based on trenching and 3 drill holes.  Deposit, inactive. 1960: discovery. 1996-97: extensive geochemical, geological and geophysical surveys, 23 200 m of drilling and preliminary scoping and metallurgical studies have been completed.
Pike [71] 105J 003 Unstaked (Category A Ross River Dena Council settlement lands) VOLCANIC ASSOCIATED Besshi Cu(-Zn) Fyre [24] (Kona) 105G 034 Pacific Ridge Exploration Limited	62°10'01" N/130°41'42" W 09 6893933 N/411713 E 94 km ENE of Ross River 105G/2 61°13'34" N/130°30'55" W 09 6788916 N/418633 E 132 km SE of Ross River	High grade core 1998 George Cross Newsletter, 03/31/1998, p. 2	8.2 Mt Not defined (resource estimate originally reported as measured/ indicated) 523 849 t	2.1% Cu 0.11% Co 0.73 g/t Au	discovery. 1967: road construction. Resource calculation based on trenching and 3 drill holes.  Deposit, inactive. 1960: discovery. 1996-97: extensive geochemical, geological and geophysical surveys, 23 200 m of drilling and preliminary scoping and metallurgical studies have been completed.  Deposit, inactive. 1955: discovery. 1968-71: winter
Pike [71] 105J 003 Unstaked (Category A Ross River Dena Council settlement lands) VOLCANIC ASSOCIATED Besshi Cu(-Zn) Fyre [24] (Kona) 105G 034 Pacific Ridge Exploration Limited  Hart River [68] (Mark)	62°10'01" N/130°41'42" W 09 6893933 N/411713 E 94 km ENE of Ross River 105G/2 61°13'34" N/130°30'55" W 09 6788916 N/418633 E 132 km SE of Ross River 116A/10 64°38'05" N/136°49'30" W	High grade core 1998 George Cross Newsletter, 03/31/1998, p. 2	8.2 Mt Not defined (resource estimate originally reported as measured/ indicated) 523 849 t Not defined	2.1% Cu 0.11% Co 0.73 g/t Au 1.45% Cu 3.65% Zn	discovery. 1967: road construction. Resource calculation based on trenching and 3 drill holes.  Deposit, inactive. 1960: discovery. 1996-97: extensive geochemical, geological and geophysical surveys, 23 200 m of drilling and preliminary scoping and metallurgical studies have been completed.  Deposit, inactive. 1955: discovery. 1968-71: winter road construction, underground development,
Pike [71] 105J 003 Unstaked (Category A Ross River Dena Council settlement lands) VOLCANIC ASSOCIATED Besshi Cu(-Zn) Fyre [24] (Kona) 105G 034 Pacific Ridge Exploration Limited  Hart River [68] (Mark) 116A 009	62°10'01" N/130°41'42" W 09 6893933 N/411713 E 94 km ENE of Ross River 105G/2 61°13'34" N/130°30'55" W 09 6788916 N/418633 E 132 km SE of Ross River 116A/10 64°38'05" N/136°49'30" W 08 7169001 N/412775 E	High grade core 1998 George Cross Newsletter, 03/31/1998, p. 2  Total 1969 Mineral Industry	8.2 Mt Not defined (resource estimate originally reported as measured/ indicated) 523 849 t Not defined (originally	2.1% Cu 0.11% Co 0.73 g/t Au 1.45% Cu 3.65% Zn 0.87% Pb	discovery. 1967: road construction. Resource calculation based on trenching and 3 drill holes.  Deposit, inactive. 1960: discovery. 1996-97: extensive geochemical, geological and geophysical surveys, 23 200 m of drilling and preliminary scoping and metallurgical studies have been completed.  Deposit, inactive. 1955: discovery. 1968-71: winter road construction, underground development, 5989 m of surface and underground drilling,
Pike [71] 105J 003 Unstaked (Category A Ross River Dena Council settlement lands) VOLCANIC ASSOCIATED Besshi Cu(-Zn) Fyre [24] (Kona) 105G 034 Pacific Ridge Exploration Limited  Hart River [68] (Mark)	62°10'01" N/130°41'42" W 09 6893933 N/411713 E 94 km ENE of Ross River 105G/2 61°13'34" N/130°30'55" W 09 6788916 N/418633 E 132 km SE of Ross River 116A/10 64°38'05" N/136°49'30" W	High grade core 1998 George Cross Newsletter, 03/31/1998, p. 2	8.2 Mt Not defined (resource estimate originally reported as measured/ indicated) 523 849 t Not defined	2.1% Cu 0.11% Co 0.73 g/t Au 1.45% Cu 3.65% Zn	discovery. 1967: road construction. Resource calculation based on trenching and 3 drill holes.  Deposit, inactive. 1960: discovery. 1996-97: extensive geochemical, geological and geophysical surveys, 23 200 m of drilling and preliminary scoping and metallurgical studies have been completed.  Deposit, inactive. 1955: discovery. 1968-71: winter road construction, underground development,
Pike [71] 105J 003 Unstaked (Category A Ross River Dena Council settlement lands) VOLCANIC ASSOCIATED Besshi Cu(-Zn) Fyre [24] (Kona) 105G 034 Pacific Ridge Exploration Limited  Hart River [68] (Mark) 116A 009	62°10'01" N/130°41'42" W 09 6893933 N/411713 E 94 km ENE of Ross River 105G/2 61°13'34" N/130°30'55" W 09 6788916 N/418633 E 132 km SE of Ross River 116A/10 64°38'05" N/136°49'30" W 08 7169001 N/412775 E	High grade core 1998 George Cross Newsletter, 03/31/1998, p. 2  Total 1969 Mineral Industry Report 1969 and	8.2 Mt Not defined (resource estimate originally reported as measured/ indicated) 523 849 t Not defined (originally reported	2.1% Cu 0.11% Co 0.73 g/t Au 1.45% Cu 3.65% Zn 0.87% Pb 49.7 g/t Ag	Deposit, inactive. 1960: discovery. 196-97: extensive geochemical, geological and geophysical surveys, 23 200 m of drilling and preliminary scoping and metallurgical studies have been completed.  Deposit, inactive. 1955: discovery. 1968-71: winter road construction, underground development, 5989 m of surface and underground drilling, feasibility study completed. 1993-94: 3208 m of
Pike [71] 105J 003 Unstaked (Category A Ross River Dena Council settlement lands) VOLCANIC ASSOCIATED Besshi Cu(-Zn) Fyre [24] (Kona) 105G 034 Pacific Ridge Exploration Limited  Hart River [68] (Mark) 116A 009	62°10'01" N/130°41'42" W 09 6893933 N/411713 E 94 km ENE of Ross River 105G/2 61°13'34" N/130°30'55" W 09 6788916 N/418633 E 132 km SE of Ross River 116A/10 64°38'05" N/136°49'30" W 08 7169001 N/412775 E	High grade core 1998 George Cross Newsletter, 03/31/1998, p. 2  Total 1969 Mineral Industry Report 1969 and 1970, p. 25. Also Canadian Mines Handbook 1971-72,	8.2 Mt Not defined (resource estimate originally reported as measured/ indicated) 523 849 t Not defined (originally reported as proven	2.1% Cu 0.11% Co 0.73 g/t Au 1.45% Cu 3.65% Zn 0.87% Pb 49.7 g/t Ag	Deposit, inactive. 1960: discovery. 196-97: extensive geochemical, geological and geophysical surveys, 23 200 m of drilling and preliminary scoping and metallurgical studies have been completed.  Deposit, inactive. 1955: discovery. 1968-71: winter road construction, underground development, 5989 m of surface and underground drilling, feasibility study completed. 1993-94: 3208 m of
Pike [71] 105J 003 Unstaked (Category A Ross River Dena Council settlement lands) VOLCANIC ASSOCIATED Besshi Cu(-Zn) Fyre [24] (Kona) 105G 034 Pacific Ridge Exploration Limited  Hart River [68] (Mark) 116A 009 Calypso Aquisition Corporation	62°10'01" N/130°41'42" W 09 6893933 N/411713 E 94 km ENE of Ross River 105G/2 61°13'34" N/130°30'55" W 09 6788916 N/418633 E 132 km SE of Ross River 116A/10 64°38'05" N/136°49'30" W 08 7169001 N/412775 E	High grade core 1998 George Cross Newsletter, 03/31/1998, p. 2  Total 1969 Mineral Industry Report 1969 and 1970, p. 25. Also Canadian Mines	8.2 Mt Not defined (resource estimate originally reported as measured/ indicated) 523 849 t Not defined (originally reported as proven	2.1% Cu 0.11% Co 0.73 g/t Au 1.45% Cu 3.65% Zn 0.87% Pb 49.7 g/t Ag	Deposit, inactive. 1960: discovery. 196-97: extensive geochemical, geological and geophysical surveys, 23 200 m of drilling and preliminary scoping and metallurgical studies have been completed.  Deposit, inactive. 1955: discovery. 1968-71: winter road construction, underground development, 5989 m of surface and underground drilling, feasibility study completed. 1993-94: 3208 m of
Pike [71] 105J 003 Unstaked (Category A Ross River Dena Council settlement lands) VOLCANIC ASSOCIATED Besshi Cu(-Zn) Fyre [24] (Kona) 105G 034 Pacific Ridge Exploration Limited  Hart River [68] (Mark) 116A 009 Calypso Aquisition Corporation	62°10'01" N/130°41'42" W 09 6893933 N/411713 E 94 km ENE of Ross River 105G/2 61°13'34" N/130°30'55" W 09 6788916 N/418633 E 132 km SE of Ross River 116A/10 64°38'05" N/136°49'30" W 08 7169001 N/412775 E 125 km NW of Mayo	High grade core 1998 George Cross Newsletter, 03/31/1998, p. 2  Total 1969 Mineral Industry Report 1969 and 1970, p. 25. Also Canadian Mines Handbook 1971-72, p. 181	8.2 Mt Not defined (resource estimate originally reported as measured/ indicated) 523 849 t Not defined (originally reported as mere very service of the control of the con	2.1% Cu 0.11% Co 0.73 g/t Au 1.45% Cu 3.65% Zn 0.87% Pb 49.7 g/t Ag 1.41 g/t Au	discovery. 1967: road construction. Resource calculation based on trenching and 3 drill holes.  Deposit, inactive. 1960: discovery. 1996-97: extensive geochemical, geological and geophysical surveys, 23 200 m of drilling and preliminary scoping and metallurgical studies have been completed.  Deposit, inactive. 1955: discovery. 1968-71: winter road construction, underground development, 5989 m of surface and underground drilling, feasibility study completed. 1993-94: 3208 m of additional drilling.
Pike [71] 105J 003 Unstaked (Category A Ross River Dena Council settlement lands) VOLCANIC ASSOCIATED Besshi Cu(-Zn) Fyre [24] (Kona) 105G 034 Pacific Ridge Exploration Limited  Hart River [68] (Mark) 116A 009 Calypso Aquisition Corporation	62°10'01" N/130°41'42" W 09 6893933 N/411713 E 94 km ENE of Ross River 105G/2 61°13'34" N/130°30'55" W 09 6788916 N/418633 E 132 km SE of Ross River 116A/10 64°38'05" N/136°49'30" W 08 7169001 N/412775 E	High grade core 1998 George Cross Newsletter, 03/31/1998, p. 2  Total 1969 Mineral Industry Report 1969 and 1970, p. 25. Also Canadian Mines Handbook 1971-72,	8.2 Mt Not defined (resource estimate originally reported as measured/ indicated) 523 849 t Not defined (originally reported as proven	2.1% Cu 0.11% Co 0.73 g/t Au 1.45% Cu 3.65% Zn 0.87% Pb 49.7 g/t Ag	Deposit, inactive. 1960: discovery. 196-97: extensive geochemical, geological and geophysical surveys, 23 200 m of drilling and preliminary scoping and metallurgical studies have been completed.  Deposit, inactive. 1955: discovery. 1968-71: winter road construction, underground development, 5989 m of surface and underground drilling, feasibility study completed. 1993-94: 3208 m of
Pike [71] 105J 003 Unstaked (Category A Ross River Dena Council settlement lands) VOLCANIC ASSOCIATED Besshi Cu(-Zn) Fyre [24] (Kona) 105G 034 Pacific Ridge Exploration Limited  Hart River [68] (Mark) 116A 009 Calypso Aquisition Corporation	62°10'01" N/130°41'42" W 09 6893933 N/411713 E 94 km ENE of Ross River  105G/2 61°13'34" N/130°30'55" W 09 6788916 N/418633 E 132 km SE of Ross River  116A/10 64°38'05" N/136°49'30" W 08 7169001 N/412775 E 125 km NW of Mayo  105G/14 61°52'29" N/131°21'37" W 09 6862479 N/375887 E	High grade core 1998 George Cross Newsletter, 03/31/1998, p. 2  Total 1969 Mineral Industry Report 1969 and 1970, p. 25. Also Canadian Mines Handbook 1971-72, p. 181  Total 2002 Expatriate Annual	8.2 Mt Not defined (resource estimate originally reported as measured/ indicated) 523 849 t Not defined (originally reported as proven reserves)	2.1% Cu 0.11% Co 0.73 g/t Au 1.45% Cu 3.65% Zn 0.87% Pb 49.7 g/t Ag 1.41 g/t Au	discovery. 1967: road construction. Resource calculation based on trenching and 3 drill holes.  Deposit, inactive. 1960: discovery. 1996-97: extensive geochemical, geological and geophysical surveys, 23 200 m of drilling and preliminary scoping and metallurgical studies have been completed.  Deposit, inactive. 1955: discovery. 1968-71: winter road construction, underground development, 5989 m of surface and underground drilling, feasibility study completed. 1993-94: 3208 m of additional drilling.  Deposit, inactive. 1996: discovery. 1996-97: geochemistry, mapping, prospecting, ground and airborne geophysics, drilling
Pike [71] 105J 003 Unstaked (Category A Ross River Dena Council settlement lands) VOLCANIC ASSOCIATED Besshi Cu(-Zn) Fyre [24] (Kona) 105G 034 Pacific Ridge Exploration Limited  Hart River [68] (Mark) 116A 009 Calypso Aquisition Corporation  Cyprus Cu Ice [25] 105G 118	62°10'01" N/130°41'42" W 09 6893933 N/411713 E 94 km ENE of Ross River  105G/2 61°13'34" N/130°30'55" W 09 6788916 N/418633 E 132 km SE of Ross River  116A/10 64°38'05" N/136°49'30" W 08 7169001 N/412775 E 125 km NW of Mayo	High grade core 1998 George Cross Newsletter, 03/31/1998, p. 2  Total 1969 Mineral Industry Report 1969 and 1970, p. 25. Also Canadian Mines Handbook 1971-72, p. 181  Total 2002	8.2 Mt Not defined (resource estimate originally reported as measured/ indicated) 523 849 t Not defined (originally reported as proven reserves)	2.1% Cu 0.11% Co 0.73 g/t Au 1.45% Cu 3.65% Zn 0.87% Pb 49.7 g/t Ag 1.41 g/t Au	discovery. 1967: road construction. Resource calculation based on trenching and 3 drill holes.  Deposit, inactive. 1960: discovery. 1996-97: extensive geochemical, geological and geophysical surveys, 23 200 m of drilling and preliminary scoping and metallurgical studies have been completed.  Deposit, inactive. 1955: discovery. 1968-71: winter road construction, underground development, 5989 m of surface and underground drilling, feasibility study completed. 1993-94: 3208 m of additional drilling.  Deposit, inactive. 1996: discovery. 1996-97: geochemistry, mapping, prospecting,

Table 4. Yukon LEAD-ZINC deposits

Deposit [no. on map]	Location	Mineralized zone(s)	Tonnage	Grade	Status
(Other names)	NTS Map Sheet/	Year resource-reserve	Mineral	/commodity	Status
MINFILE no.	Latitude/Longitude(NAD 83)	was calculated/	resource-		
Owner/optioned to	UTM Zone/Northing/Easting	Reference	reserve Category†		
MISSISSIPPI VALLEY TYPE					
Goz [38]	106C/7	Goz	2 494 758 t	11% Zn	Deposit, inactive. 1973: discovery, prospecting,
(Barrier Reef)	64°25'43" N/132°32'47" W	1989	Historical		mapping, geochemistry. 1974: mapping, drilling
106C 020 Almaden Minerals Limited	08 7147059 N/618147 E 187 km NE of Mayo	George Cross Newsletter, 05/19/89,	calculation		(2024 m). 1975: geochemistry, mapping, drilling (4195 m).
/ Inden / Inden inden	107 Kill IVE Of Mayo	p. 2			(4135 m).
SEDIMENT ASSOCIATED					
Sedimentary exhalative(Sede	·	I	1	T	T
Howard's Pass [28] (Summit Lake, XY)	105I/6 62°28'09" N/129°12'49" W	XY zone 1983	59 Mt Historical	5.4% Zn 2.1% Pb	Deposit, active exploration. 1972: discovery. 1973: winter road and airstrip construction.
1051 012, 037	09 6926465 N/488984 E	EMR Mineral Bulletin	calculation	2.1 /6 F D	1977: road building. 1980-81: underground
Placer Dome (CLA) Limited/Pacifica	175 km ENE of Ross River	MR 213, p. 313	carcaration		development. 1991: site cleanup. 2005: drilling,
Resources Limited	(location information is for				regional mapping and sampling. Over 41 100 m of
	XY zone; the Anniv zone is	Anniv zone	61 Mt	5.4% Zn	drilling on XY, Anniv and Brodel zones completed
	located approximately 18 km	1983	Historical calculation	2.1% Pb	to date.
	to the northwest)	EMR Mineral Bulletin MR 213, p. 313.	Calculation		
Grizzly [30]	105K/3	Total	17.24 Mt	4.85% Pb	Deposit, care and maintenance. 1953: staked as
(Dy)	62°13'47" N/133°07'49" W	1996	Indicated*	6.39% Zn	part of Vangorda property. 1976: discovery during
105K 101	08 6901187 N/597189 E	Anvil Range Mining		71.6 g/t Ag	deep drilling. Completion of 52 000 m of drilling
Court appointed interim receiver	12 km E of Faro	Corp. Annual Information Form		0.75 g/t Au	to date.
- Deloitte and Touche  Grum [30]	105K/6	Total	1 589 000 t	3.56% Pb	Open-pit, past producer, care and maintenance.
105K 056	62°16'47" N/133°14'29" W	1996	Proven	5.34% Zn	1953: discovery. 1976-77: underground
Court appointed interim receiver	08 6906565 N/591253 E	Anvil Range Mining	reserve*	58 g/t Ag	development, feasibility study. 1979: metallurgical
- Deloitte and Touche	9 km NE of Faro	Corp. Annual		0.83 g/t Au	testing. Total of over 75 000 m of drilling
		Information Form	17.06 Mt	2.6% Pb	completed. 1995-96 and 1997-98: production.
			Probable	4.34% Zn	
			reserve*	44 g/t Ag	
				0.74 g/t Au	
Swim [30]	105K/3	Total	4.3 Mt	3.8% Pb	Deposit, care and maintenance. Total of 10 150 m
105K 046	62°12'43" N/133°02'00" W 08 6899352 602276 E	1983 CIM Special Volume	Historical	4.7% Zn	of drilling. Deposit is roughly 460 m long and
Court appointed interim receiver  — Deloitte and Touche	17 km E of Faro	37, p. 319-381.	calculation	42 g/t Ag	150 m wide, with an average thickness of 21 m.
Vangorda [30]	105K/6	Total	165 000 t	3.27% Pb	Open-pit, past producer, care and maintenance.
105K 055	62°15'00" N/133°11'19" W	1996	Proven	4.14% Zn	1953: discovery. 1979: metallurgical and feasibility
Court appointed interim receiver	08 6903351 N/594095 E	Anvil Range Mining	reserve*	43 g/t Ag	studies. Over 23 500 m of drilling. 1989: bulk
- Deloitte and Touche	9 km ENE of Faro	Corp. Annual Information Form			sampling. 1990-93 and 1995-96: production.
Clear Lake [31]	105L/14	Clear Lake	5 570 114 t	11.4% Zn	Deposit, inactive. 1965: discovery. 1979: airstrip
105L 045	62°47'04" N/135°08'36" W	1991	Not defined	2% Pb	construction. 1993: baseline environmental
Energold Drilling Corporation	08 6961585 N/492692 E	George Cross		38.1 g/t Ag	studies. Over 18 700 m of drilling completed to
	97 km NE of Carmacks	Newsletter,			date.
Tom [33]	105O/1	03/04/1991, p. 2. West zone	6 864 800 t	4.44% Pb	Deposit, inactive. 1951: discovery.
105O 001	63°09'53" N/130°08'40" W	1986	Indicated	7.16% Zn	1970-71: underground development,
Hudson Bay Exploration and	09 7004455 N/442360 E	CIM Special Volume		42.6 g/t Ag	bulk sampling, metallurgical testing.
Development Company Limited	176 km NE of Ross River	37, p. 100-115			1980-82: underground development, engineering
		East zons	2 419 000 ±	11 120/ DL	and environmental studies. Completion to date of over 27 200 m of drilling.
		East zone 1986	2 418 900 t Indicated	11.13% Pb 8.42% Zn	over 27 200 m or arming.
		CIM Special Volume		145.4 g/t Ag	
		37, p. 100-115.			
Jason [34]	1050/1	Total (Main, South	14.1 Mt	7.09% Pb	Deposit, inactive. 1974: discovery.
105O 019	63°08'55" N/130°15'53" W	and End zones) 1983	Historical calculation	6.57% Zn 79.9 g/t Ag	1982: environmental studies. 1985: feasibility studies. Total of 30 700 m of drilling completed
Mac Pass Resources Limited	09 7002774 N/436267 E 170 km NE of Ross River	CIM Special Volume	calculation	/ J.J g/t Ag	to date.
		37, p. 87-99.			
Stratiform barite(Zn, Pb)					
Mel [1] (Jean)	95D/6	Main zone	6.8 Mt	7.1% Zn	Deposit, inactive. 1967: discovery. 1985: airstrip
LUEANI	60°21'19" N/127°23'55" W	1994	Historical	2% Pb	and road construction. Over 16 400 m of drilling
	09 6692052 N/588356 E	Accessment report	calculation	54 7% Ra	completed to date
095D 005 International Barytex Resources	09 6692052 N/588356 E 79 km ENE of Watson Lake	Assessment report #093353	calculation	54.7% Ba	completed to date.

Deposit [no. on map] (Other names) MINFILE no. Owner/optioned to	Location NTS Map Sheet/ Latitude/Longitude(NAD 83) UTM Zone/Northing/Easting	Mineralized zone(s) Year resource-reserve was calculated/ Reference	Tonnage Mineral resource- reserve Category†	Grade /commodity	Status
SKARN/REPLACEMENT					
Polymetallic manto McMillan [2] (Quartz Lake) 095D 006 American Smelting and Refining Company	095D/5 60°29'26" N/127°56'34" W 09 6706511 N/558029 E 63 km NE of Watson Lake	Main 1991 Assessment report #092920	1.1 Mt Historic calculation	62 g/t Ag 4.1% Pb 8.3% Zn	Deposit, inactive. 1892: discovery. 1930: first staked. Total of 15 204 m of drilling completed. 1990: trenching to test for gold potential. 1993: reclamation program.
		1991 Assessment report #092920	Historic calculation	9.3% Pb 1.7% Zn	
Sa Dena Hes [4] (Mt. Hundere) 105A 012 Teck Cominco (50%) and Pan Pacific Metal Mining Corporation (50%) VEIN/BRECCIA	105A/10 60°31'04" N/128°52'39" W 09 6709083 N/506725 E 51 km N of Watson Lake	Total 2003 Teck Cominco Limited Annual Report	2 190 000 t Indicated	10.4% Zn 2.6% Pb	Underground past producer, mill, care and maintenance. 1962: discovery. 1963: road construction. 1990-92: underground development, mill construction, produced until Dec/92 when closed due to low metal prices.
Polymetallic veins					
Craig [39] 106C 073 Falconbridge Limited	106C/3 64°09'21" N/133°21'22" W 08 7115411 N/579951 E 140 km ENE of Mayo	West zone 2002 Canadian Mines Handbook 2001/02, p. 233	874 980 t Not defined	13.5% Pb 8.5% Zn 123 g/t Ag	Deposit, inactive. 1976: discovery. Completion of over 6600 m of drilling to date.
Logan [8] 105B 099 Yukon Zinc Corporation (60%) and Almaden Minerals Limited (40%)	105B/9 60°30'05" N/130°28'12" W 09 6708153 N/419255 E 109 km WNW of Watson Lake	Main zone Report by Hatch Associates Ltd, March/2004	13.08 Mt Inferred*	5.1% Zn 23.7 g/t Ag	Deposit, inactive. 1979: discovery. 1987: construction of air strip. Total of over 16 400 m of drilling. 2000: prefeasibility study. 2003: engineering studies.
Blende [47] 106D 064 Eagle Plains Resources Limited/ Blind Creek Resources Limited	106D/7 64°24'39" N/134°40'21" W 08 7142836 N/515783 E 108 km NNE of Mayo	West zone 2004 Technical report by B. Price, Aug/2004	15.3 Mt Inferred*	3.23% Pb 3.04% Zn 67.5 g/t Ag	Deposit, active exploration. 1975: discovery. 1989: road construction. 1991: metallurgical studies. Completion to date of 16 500 m of drilling. 2004: geochemistry, mapping and prospecting.
Andrew [84] (Lad) 105K 009 Ron Berdahl	105K/16 62°56'26" N/132°13'55" W 08 6981988 N/640462 E 106 km N of Ross River	Total 2002 Noranda Inc, internal company report as appended to Assessment report #094274	1.11 Mt Not defined	12.41% Zn 6.94% Pb 19.21 g/t Ag	Deposit, inactive. 1967: discovery. 1969: trenching, sampling, geophysics. 1999: sampling. 2000-02: airborne geophysical surveying, drilling of over 4550 m.
VOLCANIC ASSOCIATED					
Kuroko Cu-Pb-Zn(-Ag)					
Wolf [21] (Hasselberg) 105G 008 Atna Resources Limited (66%) and YGC Resources Limited (34%)	105G/6 61°20'24" N/131°29'38" W 09 6803207 N/366582 E 87 km SSE of Ross River	Total 2000 Atna Web Site (reported as in-house resource)	4.1 Mt Not defined	6.2% Zn 1.8% Pb 84 g/t Ag	Deposit, inactive. 1955: discovery. 1967: road construction. Total of 10 508 m of drilling completed to date. 2000: completion of engineering studies indicating that upper portion of the ore body could be mined by open-pit methods.
Wolverine [22] (Fetish) 105G 072 Yukon Zinc Corporation	105G/8 61°25'36" N/130°08'02" W 09 6810838 N/439499 E 136 km SE of Ross River	Main lens 2000 Expatriate Web Site (estimate by Hatch Assoc. Ltd, based on Oct. 2000 report by Nilsson Mine Services Ltd.)	4 941 000 t Indicated (containing a probable reserve of 3 470 000 t)	1.37% Cu 1.44% Pb 12.43% Zn 336.6 g/t Ag 1.59 g/t Au (grade of reserve)	Deposit, test mining. 1973: discovery. 1996: airstrip construction. Over 42 000 m of drilling to date. Metallurgical tests and development plans completed. Feasibility study commissioned. Test mining, underground development and exploration underway.
Kudz Ze Kayah [23] (ABM, Tag) 105G 117 Teck Cominco Limited	105G/7 61°27'29" N/130°36'36" W 09 6814868 N/414184 E 112 km SE of Ross River	Total 2003 Teck Cominco Annual Report	11.3 Mt Indicated*	0.9% Cu 1.5% Pb 5.9% Zn 1.3 g/t Au	Deposit, inactive. 1993: discovery. 1994-95: airstrip and tote road construction, 40 tonne bulk sample, engineering, metallurgical and environmental studies. Over 32 000 m of drilling. Environmental permitting completed, Class A water license signed.
Matt Berry [27] (Barb) 105H 021 International Barytex Resources Limited	105H/6 61°28'32" N/129°24'14" W 09 6815825 N/478482 E 161 N of Watson Lake	Total 1977 Assessment report #061798	533 430 t Historical calculation	6.1% Pb 4.6% Zn 102.86 g/t Ag	Deposit, inactive. 1944: first staked. Over 4800 m of drilling completed to date. Note: The deposit is copper rich, but copper grades are not quoted in the resource calculation.

<sup>†</sup> Resource/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 (\*) should be considered as compliant with National Instrument 43-101.

Deposit [no. on map] (Other names)	<b>Location</b> NTS Map Sheet/	Mineralized zone(s) Year resource-reserve	<b>Tonnage</b> Mineral	Grade /commodity	Status
MINFILE no.	Latitude/Longitude(NAD 83)	was calculated/	resource-		
Owner/optioned to	UTM Zone/Northing/Easting	Reference	reserve		
			Category†		
Marg [42]	106D/1	Total	4.65 Mt	1.80% Cu	Deposit, active exploration. 1965: discovery.
106D 009	64°00'21" N/134°28'01" W	2005	Indicated*	2.57% Pb	1988: airstrip and road construction.
Yukon Gold Corporation, Inc.	08 7097773 N/526067 E	Technical Report by		4.77% Zn	1997: preliminary metallurgical testing, winter
	83 km NE of Mayo	Peter M. Holbeck,		65.08 g/t Ag	road completed to facilitate development. Total
		Mar/2005.		0.99 g/t Au	of over 23 000 m of drilling to date. Deposit limits are open. Excellent exploration potential.
			880 800 t	1.55% Cu	
			Inferred*	1.90% Pb	
				3.75% Zn	
				50.42 g/t Ag	
				0.95 g/t Au	
GP4F [80]	105G/7	Total	1.5 Mt	0.1% Cu	Deposit, active exploration. 1994: staked, airborne
105G 143	61°26'43" N/130°30'38" W	1998	Inferred	3.1% Pb	geophysics. 1998: drilling (1556 m), discovery.
Teck Cominco Limited	09 6813338 N/419450 E	Teck Cominco Annual		6.4% Zn	
	118 km SE of Ross River	Report		90 g/t Ag	
				2 g/t Au	

### Table 5. Yukon TUNGSTEN deposits

Deposit [no. on map] (Other names) MINFILE no. Owner/optioned to	Location NTS Map Sheet/ Latitude/Longitude(NAD 83) UTM Zone/Northing/Easting	Mineralized zone(s) Year resource-reserve was calculated/ Reference	Tonnage Mineral resource- reserve Category†	Grade /commodity	Status
PORPHYRY/SHEETED VEIN					
Porphyry W	1	T	T	T	
Logtung [7] 105B 039 Strategic Metals Limited	105B/4 60°00'19" N/131°35'52" W 09 6654843 N/355149 E 65 km ESE of Teslin	Total 1984 Economic Geology, Aug/84 p. 848-868	162 Mt Historical calculation	0.13% W 0.052% Mo	Deposit, active exploration. 1976: discovery and road construction. 1977-81: drilling (11 628 m), underground development, bulk sampling, metallurgical and environmental studies. 2001: data compilation.
SKARN/REPLACEMENT					
Skarn W					
Bailey [5] (Pat) 105A 017 North American Tungsten Corporation Limited	105A/15 60°47'12" N/128°51'08" W 09 6739034 N/508046 E 79 km N of Watson Lake	B zone 1988 Assessment report #092120	404 600 t Historical calculation	1% W0 <sub>3</sub>	Deposit, inactive. 1963: discovery. Three mineralized zones over a strike length of 4 km.
<b>Risby</b> [18] 105F 034 Ron Berdahl	105F/14 61°51'35" N/133°23'04" W 08 6859610 N/585000 E 51 km WSW of Ross River	Total 1982 Northern Miner, 08/08/1982, p. 30	2 700 000 t Historical calculation	0.81% W0 <sub>3</sub>	Deposit, inactive. 1968: discovery. A total of over 7000 m of drilling has been completed to date.
Mactung [35] 105O 002 North American Tungsten Corporation Limited	105O/8 63°16'56" N/130°09'10" W 09 7017553 N/442175 E 187 km NE of Ross River	Lower skarn Report by Roscoe Postle Associates Inc., June/2001 Upper skarn Report by Roscoe	5 052 000 t Measured and indicated 8 617 000 t Measured and	1.2% W0 <sub>3</sub> 0.8% WO <sub>3</sub>	Deposit, active. 1962: discovery. 1970: road construction. 1971-73: underground development, bulk sampling, metallurgical testing. 1974-77: environmental and feasibility studies. 1984-85: bulk sampling and road building. 2004: drilling, bulk sampling. A total of 12 700 m of drilling has been completed.
		Postle Associates Inc., June/2001			or arming has been completed.
Ray Gulch [45] (Garnet) 106D 027 StrataGold Corporation	106D/4 64°01'40" N/135°45'04" W 08 7100325 N/463298 E 49 km N of Mayo	Garnet 1980 Assessment report #090614	4 861 593 t Historical calculation	0.48% W0 <sub>3</sub>	Deposit, inactive exploration. 1942: discovery. Completion to date of over 20 100 m of drilling.
Stormy [77] 105F 011 Deborah Moreau/E-Energy Ventures Incorporated	105F/7 61°29'50" N/132°48'10" W 08 6820143 N/616960 E 57 km SSW of Ross River	Underground 1959 Assessment report #060692	15 628 t Historical calculation	1.05% W0 <sub>3</sub>	Deposit, active. 1955: discovery. 1959: underground development. 1979-80: underground rehabilitation, bulk sampling. 1995: road building.

### Table 6. Yukon MOLYBDENUM deposits

B 44 [ ]	:		-		Ct. 4
Deposit [no. on map]	Location	Mineralized zone(s)	Tonnage	Grade	Status
(Other names)	NTS Map Sheet/	Year resource-reserve	Mineral	/commodity	
MINFILE no.	Latitude/Longitude(NAD 83)	was calculated/	resource-		
Owner/optioned to	UTM Zone/Northing/Easting	Reference	reserve		
			Category†		
PORPHYRY/SHEETED VEIN					
Porphyry Cu+/-Mo+/-Au					
Red Mountain [10]	105C/13	Total	187.27 Mt	0.167% Mo	Deposit, active exploration. 1967: discovery.
(Boswell River)	60°59'21" N/133°44'58" W	1992	Inferred		1969: road construction. Over 24 500 m
105C 009	08 6762226 N/567657 E	Assessment report			of drilling completed. 1995: metallurgical
Tintina Mines Limited	76 km NE of Whitehorse	#092354			studies. 2005: Began permitting for advanced
					underground exploration.
		High grade core	21.296 Mt	0.293% Mo	
		1992	Inferred		
		Assessment report			
		#092354			
SKARN/REPLACEMENT					
Skarn Mo					
Stormy [77]	105F/7	Underground	13 390 t	0.73% Mo	Deposit, active. 1955: discovery.
105F 011	61°29'50" N/132°48'10" W	1959	Historical		1959: underground development.
Deborah Moreau/E-Energy Ventures	08 6820143 N/616960 E	Assessment report	calculation		1979-80: underground rehabilitation, bulk
Incorporated	57 km SSW of Ross River	#060692			sampling. 1995: road building.

## Table 7. Yukon NICKEL-PLATINUM GROUP ELEMENT (PGE) deposits

Deposit [no. on map] (Other names) MINFILE no. Owner/optioned to	Location NTS Map Sheet/ Latitude/Longitude(NAD 83) UTM Zone/Northing/Easting	Mineralized zone(s) Year resource-reserve was calculated/ Reference	Tonnage Mineral resource- reserve Category†	Grade /commodity	Status
MAFIC/ULTRAMAFIC ASSOC	IATED				
Gabbroid Cu-Ni-PGE					
Wellgreen [56]	115G/5	Wellgreen	42.33 Mt	0.35% Cu	Deposit, active exploration. 1952-55: discovery,
115G 024	61°27'55" N/139°31'39" W	1989	Inferred	0.36% Ni	underground development 1972: limited
Northern Platinum Limited/	07 6815499 N/578469 E	Yukon Exploration		0.51 g/t Pt	production. 1987-88: underground rehabilitation.
Coronation Minerals Incorporated	135 km NW of Haines	1988, p. 166-167		0.34 g/t Pd	1988-89: preliminary feasibility study. To date
	Junction				over 37 000 m of drilling completed.
Canalask [57]	115F/15	Main zone	390 235 t	1.35% Ni	Deposit, inactive. 1953: discovery.
(Onion)	61°57'11" N/140°32'16" W	1968	Historical		1954-58: underground development. Completion
115F 045	07 6869036 N/524247 E	Assessment report	calculation		to date of over 7600 m of drilling.
StrataGold Corporation/	210 km NW of Haines	#093256			
Falconbridge Limited	Junction				

### Tables 8a-d. OTHER Yukon deposits

### 8a. Antimony deposit

Deposit [no. on map] (Other names) MINFILE no. Owner/optioned to	Location NTS Map Sheet/ Latitude/Longitude(NAD 83) UTM Zone/Northing/Easting	Mineralized zone(s) Year resource-reserve was calculated/ Reference	Tonnage  Mineral  resource-  reserve  Category†	Grade /commodity	Status
VEIN/BRECCIA					
Stibnite veins and disseminat	ions				
Becker-Cochran [82]	105D/3	Underground	127 007 t	4% Sb	Deposit, inactive. Prior to 1907: discovery.
(Yukon Antimony)	60°11'05' N/135°12'54' W	1974	Not defined		1915, 1951: underground development.
105D 027	08 6672002 N/488074 E	Assessment report	mineral reserve		1964-66: extensive trenching, bulk sampling,
Tagish Lake Gold Corporation	61 km S of Whitehorse	#091820 and			underground development and drilling.
		Canadian Mines			1987: drilling. 1998: detailed mapping.
		Handbook 1976-77,			
		p. 84			

### 8b. Barite deposits

Deposit [no. on map] (Other names) MINFILE no. Owner/optioned to	Location NTS Map Sheet/ Latitude/Longitude(NAD 83) UTM Zone/Northing/Easting	Mineralized zone(s) Year resource-reserve was calculated/ Reference	Tonnage Mineral resource- reserve Category†	Grade /commodity	Status		
SEDIMENT ASSOCIATED							
Stratiform barite(Zn, Pb)							
Samovar [36]	105O/2	Tea	377 038 t	92.5% Ba	Open-pit, past producer, inactive. 1975: discovery,		
(Tea)	63°01'11" N/130°36'55" W	1984	Not defined		bulk sampling. 1976: road construction.		
105O 020	09 6988813 N/418243 E	Assessment report			1982: mined 8000 t. 1995: mill construction,		
H. Coyne and Sons Limited	147 km NE of Ross River	#092039			mining and production.		
Walt [78]	105O/7	Cathy	450 000 t	No grade	Deposit, inactive. 1973: discovery. 1993: bulk		
(Bar)	63°16'35" N/130°33'48" W	2000	Inferred	reported,	sampling. 1999: compilation and mineral		
105O 021	09 7017340 N/421568 E	Assessment report		S.G. is 4.25 or	inventory review.		
Jim Coyne	172 km NE of Ross River	#094084		higher			
SEDIMENT ASSOCIATED	*						

#### 8c. Iron deposits

Deposit [no. on map]	Location	Mineralized zone(s)	Tonnage	Grade	Status
(Other names)	NTS Map Sheet/	Year resource-reserve	Mineral	/commodity	
MINFILE no.	Latitude/Longitude(NAD 83)	was calculated/	resource-		
Owner/optioned to	UTM Zone/Northing/Easting	Reference	reserve		
			Category†		
Iron formation					
Crest [55]	106F/6	Crest	3 175 147 kt	43.8% Fe	Deposit, inactive. 1961: discovery.
(Snake River)	65°15'08" N/133°02'22" W	1964	Historical	26.6% SiO2	1963-64: 2 bulk samples totaling 110 t shipped
106F 008	08 7237987 N/591569 E	Assessment report	calculation	0.34% Pb	out for metallurgical testing; feasibility study
Chevron	Yukon/NWT border	#017964			completed. Stripping ratio less than 1:1.
Resources Canada					
WERNECKE BRECCIA					
Pagisteel [46]	106D/16	Pagisteel	1 000 000 t	29.2% soluble	Deposit, active exploration. 1898: discovery.
(Steel)	64°50'03" N/134°16'57" W	1978	Historical	iron	1962: first staked. 1966: marketing and
106D 049	08 7190165 N/534043 E	CIM Bulletin,	calculation		transportation studies. 1967: winter road and
Twenty-Seven Capital Corporation/	158 km NE of Mayo	Aug/1978, p. 53-58			airstrip construction. 2004: geophysics.
Cash Minerals Ltd.					

### 8d. Rhodonite deposits

Deposit [no. on map] (Other names) MINFILE no. Owner/optioned to	Location NTS Map Sheet/ Latitude/Longitude(NAD 83) UTM Zone/Northing/Easting	Mineralized zone(s) Year resource-reserve was calculated/ Reference	Tonnage Mineral resource- reserve Category†	Grade /commodity	Status
Sedimentary Mn					
Marlin [11]	105C/11	Main showing	363 t		Open-pit, producer. 1955: discovery.
(Eve, Evelynn Creek)	60°42'26" N/133°20'07" W	1994	Assumed	Near gem	1987-92: road upgraded, mined and shipped
105C 017	08 6731328 N/590858 E	Assessment report	figure,	quality	a total of 138 t. 1994: detailed mapping and
12633 Yukon Inc./Sid McKeown	68 km NNW of Teslin	#093247	measured on	rhodonite	trenching. 1998: mined 35 t. 2000: reclamation,
			surface		road repair, diamond drilling (150.8 m).
					2005: mined 25 t.

<sup>†</sup> Resource/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 (\*) should be considered as compliant with National Instrument 43-101.

**Table 9. Yukon COAL deposits** 

Deposit [no. on map]	Location	Mineralized zone(s)	Tonnage	Grade	Status
(Other names) MINFILE no. Owner/optioned to	NTS Map Sheet/ Latitude/Longitude(NAD 83) UTM Zone/Northing/Easting	Year resource-reserve was calculated/ Reference	Mineral resource- reserve Category†	/commodity	
INDUSTRIAL MINERALS			Cutegory		
Coal Sulpetro [9]	95D/11	Sulpetro	67 Mt	Lignite A	Deposit, inactive. 1980: exploration license
(Rock River) 095D 026 Duane Poliquin	60°41'38" N/127°12'40" W 09 6730021 N/597674 E 108 km NE of Watson Lake	1982 Assessment report #062134	Historical calculation	to sub- bituminous C coal (CV = 15 456 kJ/kg)	acquired. 1981-82: mapping, geophysics, drilling (718 m). 1983, 2004: area relicensed.
Whiskey Lake [19] 105F 048 Archer, Cathro and Associates (1981) Limited	105F/15 61°58'29" N/132°31'57" W 08 6873822 N/629325 E 4 km W of Ross River	Ross River block 1980 Geological Survey of Canada Paper 79-32	370 000 t (0-50 m of cover) 740 000 t (0-100 m of cover) 1 100 000 t (0-150 m of cover) Inferred	Low volatile bituminous to semi-anthracite coal	Open-pit, past producer, inactive. 1964: discovery. 1966: staked. 1980: drilling (1520 m). 1986-89: produced 87 000 t, drilling (15 970 m). 1992: produced 14 000 t.
South Tantalus [26] 1151 001 Archer, Cathro and Associates (1981) Limited	115I/1 62°04'49" N/136°15'10" W 08 6883755 N/434558 E 2 km SE of Carmacks	Carmacks South 1977 Assessment report #092031	780 633 t Inferred	High volatile bituminous B to meta-anthracite coal (CV = 22 500 kJ/kg)	Deposit, inactive. 1966: discovery. 1976-80: mapping, drilling (4572 m), trenching and geophysics.
Marathon [48] (Airstrip) 106E 013 Anderson Mining Company Limited	106E/3 65°13'04" N/135°16'42" W 08 7232754 N/486981 E 183 km NNE of Mayo	Marathon 1980 Assessment report #062055	18.4 Mt Inferred	High volatile bituminous C coal (CV = 23 297 kJ/kg)	Deposit, inactive. 1905: presence of coal float noted in Wind River. 1977: exploration license acquired. 1979-80: mapping, drilling (387 m). 1980, 1983, 2001, 2005: area relicensed.
Pole [49] (Wernecke) 106E 021 Anderson Mining Company Limited	106E/3 65°12'25" N/135°01'33" W 08 7231518 N/498791 E 185 km NNE of Mayo	Pole 1980 Assessment report #062055	28.93 Mt Inferred 104.65 Mt	High volatile bituminous C coal (CV = 23 297 kJ/kg)	Deposit, inactive. 1977: exploration license acquired. 1978-80: mapping, drilling (777 m). 1980, 1983, 2001, 2005: area relicensed.
Garlic Ring [50] 106E 032 Anderson Mining Company Limited	106E/7 65°20'28" N/134°51'05" W 08 7246479 N/506918 E 201 km NNE of Mayo	Garlic Ring 1980 Assessment report #062055	Indicated 5.55 Mt Inferred 8.6 Mt Indicated	High volatile bituminous C coal (CV = 23 297 kJ/kg)	Deposit, inactive. 1977: exploration license acquired. 1980: drilling (484 m). 1980, 2001, 2005: area relicensed.
Illtyd [51] (Bonnet Plume Coal) 106E 035 Anderson Mining Company Limited	106E/6 65°16'01" N/135°00'18" W 08 7238205 N/499766 E 191 km NNE of Mayo	Illtyd 1980 Assessment report #062055	33.5 Mt Inferred 29.21 Mt Indicated	High volatile bituminous C coal (CV = 22 097 kJ/kg)	Deposit, inactive. 1977: exploration license acquired. 1978-79: total of 3462 m of drilling, stratigraphic, metallurgical and feasibility studies. 1980, 1983, 2001, 2005: area relicensed.
Pan Ocean [52] (West Illtyd) 106E 036 Anderson Mining Company Limited	106E/3 65°14'23" N/135°00'58" W 08 7235171 N/499247 E 188 km NNE of Mayo	West Illtyd 1980 Assessment report #062055	Measured 47.56 Mt Inferred	High volatile bituminous C coal (CV = 23 297 kJ/kg)	Deposit, inactive. 1977: exploration license acquired. 1978: staked mineral rights. 1980: drilling (555 m), mapping. 1980, 2001, 2005: area relicensed.
<b>Deslaurier</b> [53] 106E 037 Promithian Incorporated	106E/6 65°26'11" N/135°26'08" W 08 7257160 N/479796 E 207 km N/of Mayo	Deslaurier 1980 Assessment report #062055	43.8 Mt Inferred 60.83 Mt Indicated	High volatile bituminous C coal (CV = 24 888 kJ/kg)	Deposit, inactive. 1977: exploration license acquired. 1979-80: mapping, drilling (612 m). 1980, 1983, 2001, 2005: area relicensed.
Spaceship [54] 106E 038 Anderson Mining Company Limited	106E/2 65°13'15" N/134°55'07" W 08 7233068 N/503806 E 187 km NNE of Mayo	Spaceship 1980 Assessment report #062055	157.95 Mt Inferred	High volatile bituminous C coal (CV = 23 297 kJ/kg)	Deposit, inactive. 1977: exploration license acquired. 1980: mapping, drilling (689 m). 1980, 2001, 2005: area relicensed.
Division [58] (Division Mountain) 115H 013 Cash Minerals Limited	115H/8 61°20'45" N/136°05'27" W 08 6801796 N/441645 E 84 km S of Carmacks	Division Mountain 2005 Division Mountain Scoping Study by Northwest Corporation, Apr/2005.	13.0 Mt Indicated* 38.6 Mt Measured*	High volatile bituminous B coal (CV = 31 401 kJ/kg)	Deposit, feasibility stage. 1903: discovery. 1971: road construction. Over 12 000 m of drilling, environmental, archaeological and sociological studies initiated in preparation for permitting.

#### (continued) Table 9. Yukon COAL deposits

Deposit [no. on map]	Location	Mineralized zone(s)	Tonnage	Grade	Status
(Other names)	NTS Map Sheet/	Year resource-reserve	Mineral	/commodity	
MINFILE no.	Latitude/Longitude(NAD 83)	was calculated/	resource-		
Owner/optioned to	UTM Zone/Northing/Easting	Reference	reserve		
			Category†		
Tantalus Mine [61]	1151/1	Tantalus Mine	No reserve	High volatile	Underground, past producer, inactive.
1151 002	62°05'36" N/136°15'50" W	n/a	figures	bituminous B	1903: discovery. 1924-38: produced an average
Archer, Cathro and Associates (1981)	08 6885220 N/434006 E		available due	coal	of 454 t per year. 1948-67: produced 118 000 t.
Limited	1 km E of Carmacks		to structural		1969-76: produced 109 770 t. 1978: mine sealed
			complexity of		due to fire, production shifted to surface.
			deposit.		
Whitehorse Coal [79]	105D/6	Underground	2 381 384 t	Meta-	Open-pit, past producer, inactive. 1899: discovery.
(Black Diamond)	60°29'50" N/135°17'08" W	1969	Historical	anthracite	1900: staked. 1901: underground/ surface
105D 042	08 6706821 N/484311 E	Assessment report	calculation	coal (CV =	development. 1981: road construction.
Cash Minerals Limited	29 km SSW of Whitehorse	#060580		13 355 kJ/kg)	1986-88: produced 4606 t. 2005: area relicensed.
		Open pit	182 198 t	A 4 - 4 -	
		1985		Meta-	
			Historical	anthracite coal	
		Assessment report	calculation	(CV= 25 198	
		#092012		kJ/kg)	

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#### **ABBREVIATIONS**

CEAA Canadian Environmental Assessment Act

CIM Canadian Institute of Mining and Metallurgy

COG cut-off grade

CV caloric value

EMR Energy, Mines and Resources, Yukon government

Eq equivalent

RERC Regional Environmental Review Committee

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