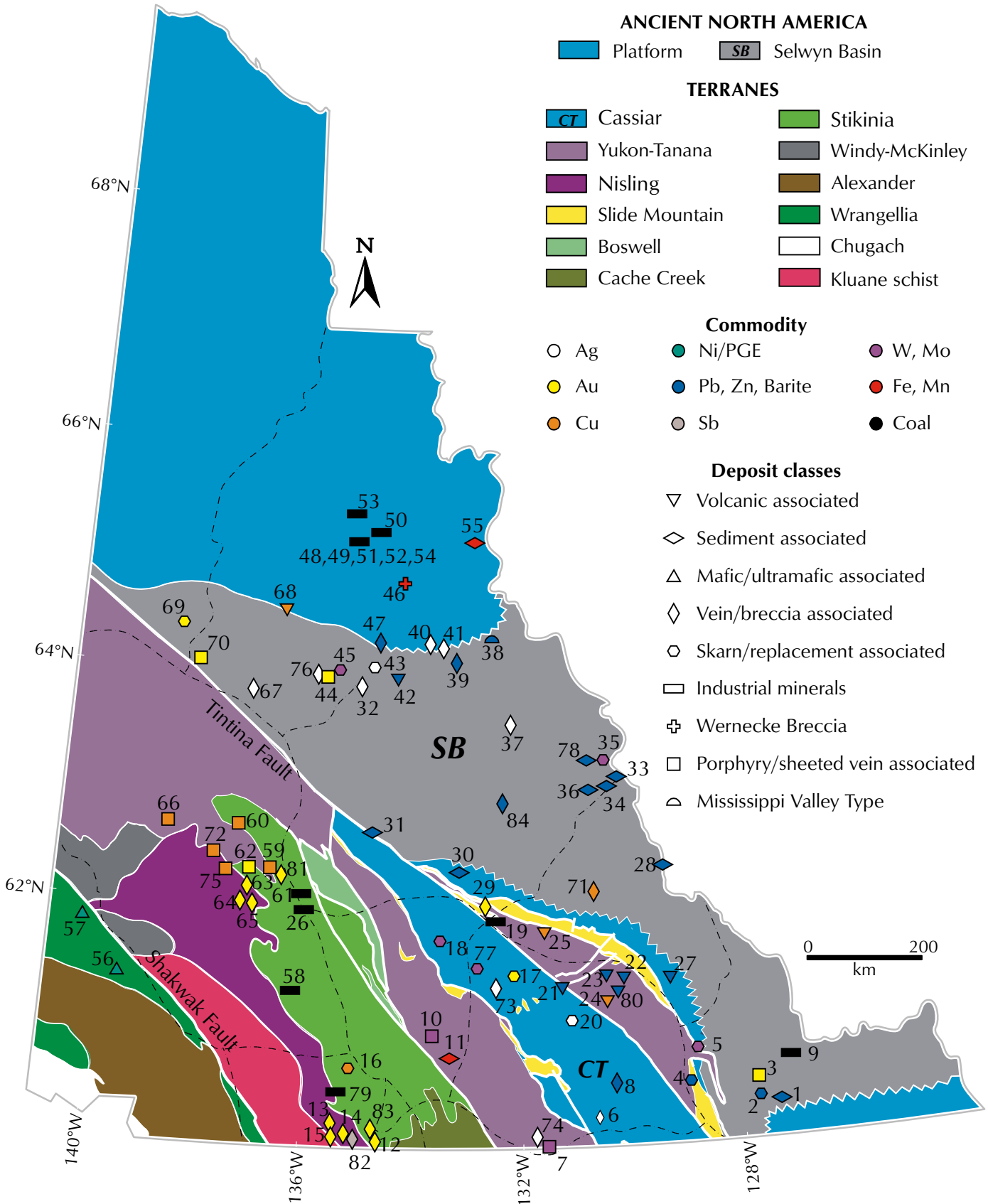




YUKON

MINERAL DEPOSITS
2006

YUKON MINERAL DEPOSITS 2006 – Map



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YUKON MINERAL DEPOSITS 2006

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Cover photo: Drill core from the Minto copper-gold-silver deposit.

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;
- 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
- Yukon MINFILE reference number.

Table 1. Yukon GOLD deposits

Deposit [no. on map] (Other names) 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	Yukon MINFILE occurrence number (MINFILE is a computerized mineral inventory providing a detailed description documenting the exploration history and geology of Yukon mineral occurrences.)
PORPHYRY/SHEETED VEIN					
Intrusion-related Au					
Hyland Gold [3] (Porker) StrataGold 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	095D 011
Dublin Gulch [44] StrataGold Corporation	106D/4 64°01'56" N/135°47'51" W 08 7100848 N/461038 E 49 km N of Mayo	Eagle 2006 Technical report by Wardrop Engineering Inc.	66.54 Mt Indicated* (COG of 0.5 g/t Au) 14.39 Mt Inferred* (COG 0.5 g/t Au)	0.916 g/t Au 0.803 g/t Au	106D 025
Brewery Creek [70] 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	116B 160
Porphyry Cu+/-Mo+/-Au					
Nucleus [75] (Golden Revenue) Atac Resources Limited/ Northern Freegold Resources Limited	115I/6 62°20'03" N/137°20'09" W 08 6913592 N/379016 E 61 km NW of Carmacks	Nucleus 2005 Atac private data	13 to 18 Mt conceptual	0.8 to 1.0 g/t Au	115I 107
Subvolcanic Cu-Au					
Antoniuk [62] (Rambler) 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	115I 111
SKARN/REPLACEMENT					
Polymetallic manto					
Ketza [17] (Ketza River) 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 2005 Report by Giroux Consultants Limited Shamrock zone 2004 Report by Giroux Consultants Limited	1 410 000 t Measured* 4 540 000 t Indicated* 10 550 000 t Inferred* (COG of 1.0 g/t Au) 2 590 000 t Indicated* 4 030 000 t Inferred* (COG of 1.0 g/t Au)	3.541 g/t Au 2.837 g/t Au 2.374 g/t Au 2.19 g/t Au 1.92 g/t Au	105F 019
Skarn Au (Cu)					
Marn [69] Canadian United Minerals Incorporated	116B/7 64°29'13" N/138°48'21" W 07 7153099 N/605433 E 57 km NNE of Dawson City	Mini grid 1986 Assessment report #091814	226 796 t Historical calculation	8.56 g/t Au 1% Cu 0.1% W 17.12 g/t Ag	116B 147

† 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.

(continued) Table 1. Yukon GOLD deposits

Deposit [no. on map] (Other names) 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	Yukon MINFILE occurrence number <i>(MINFILE is a computerized mineral inventory providing a detailed description documenting the exploration history and geology of Yukon mineral occurrences.)</i>
VEIN/BRECCIA					
Epithermal-High sulphidation					
Goddell [14] (Goddell Gully) 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 Limited	320 000 t Indicated* 280 000 t Inferred*	11.02 g/t Au 9.21 g/t Au	105D 025
Mt. Reid [15] (Skukum Creek, Combination) 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 Limited	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	105D 022
Laforma [63] (Mount Freegold) 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	115I 054
Mount Nansen [64] (Webber, Huestis) Court appointed receiver – PricewaterhouseCoopers Incorporated	115I/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 1995 Assessment report #093365	85 727 t Not defined 58 524 t Not defined 69 977 t Indicated 38 615 t Inferred	14 g/t Au 283 g/t Ag 10.9 g/t Au 611 g/t Ag 6 g/t Au 234 g/t Ag 5.8 g/t Au 333 g/t Ag	115I 065
Brown-McDade [65] Court appointed receiver – PricewaterhouseCoopers Incorporated	115I/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	115I 064
Epithermal-Low sulphidation					
Skukum [13] (Mount Skukum Mine) 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	105D 158
Grew Creek [29] (Main Zone) 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	105K 009
Polymetallic veins					
Venus [12] Ron Berdahl	105D/2 60°01'30" N/134°38'05" W 08 6654251 N/520358 E 17 km S of Carmacks	Total 1985 Canadian Mines Handbook 1986-1987	61 689 t Historical calculation	305.14 g/t Au 2.5% Pb 1.5% Zn 10.98 g/t Au	105D 005
Tinta Hill [81] Northern Freegold Resources Limited	115I/7 62°17'36" N/136°58'40" W 08 6908426 N/397418 E 43 km NW of Carmacks	Tinta Hill 1980 Northern Miner, 12/04/80, p. 5	843 000 t Historical calculation	183.2 g/t Au 4.71% Pb 6% Zn 0.35% Cu 2.57 g/t Au	115I 058
Big Thing [83] (Arctic, Caribou) Larry Barrett	105D/2 60°04'34" N/134°42'01" W 08 6659925 N/516679 E 61 km SSE of Whitehorse	Total 1983 Rex Silver Mines Ltd, annual report	74 526 t Proven and probable reserve	13.38 g/t Au 329.14 g/t Ag	105D 009

† 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 2. Yukon SILVER deposits

Deposit [no. on map] (Other names) 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	Yukon MINFILE occurrence number <i>(MINFILE is a computerized mineral inventory providing a detailed description documenting the exploration history and geology of Yukon mineral occurrences.)</i>
SKARN/REPLACEMENT					
Polymetallic manto					
Tintina [20] (Eagle) 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	105G 006
Clark [43] Tanana Exploration Incorporated/ CMC Metals Limited	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	106D 011
VEIN/BRECCIA					
Polymetallic veins					
Hart [6] 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	105B 021
United Keno Hill [32] Court appointed receiver – Alexco Resources Corporation	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	105M 001
Plata [37] 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	105N 003
Vera [40] Prism Resources Incorporated	106C/5 64°18'24" N/133°44'50" W 08 7131784 N/560600 E 131 km NE of Mayo	Main 1982 Assessment report #062208	352 659 t Historical calculation	606.16 g/t Ag 3.18% Pb 3.47% Zn	106C 083
Val [41] Prism Resources Incorporated	106C/5 64°16'01" N/133°41'35" W 08 7127411 N/563311 E 130 km NE of Mayo	Siltstone 1998 Assessment report #062146	19 958 t Historical calculation	26.7% Pb 7.3% Zn 1027.4 g/t Ag	106C 085
Groundhog [73] (Jeff, Lorne) St. Cyr Range Mineral Exploration Limited	105F/10 61°39'00" N/132°49'42" W 08 6837109 N/615033 E 44 km SW of Ross River	Total 1988 Assessment report #093042	200 950 t Inferred	91.89 g/t Ag 3.18% Pb 4.01% Zn	105F 029
Logjam [74] CMC Metals Limited	105B/4 60°01'32" N/131°36'06" W 09 6657109 N/355021 E 65 km ESE of Teslin	Total 1983 Assessment report #062205	70 144 t Historical calculation	393.2 g/t Ag 3.02 g/t Au	105B 038
Peso [76] (Rex) M.J. Moreau	106D/4 64°01'28" N/135°56'42" W 08 7100080 N/453819 E 47 km N of Mayo	Peso/Rex 1965 Assessment report #062258	139 371 t Historical calculation	716 g/t Ag 3.7% Pb	106D 021
Sn(Ag) veins					
Zeta [67] Ron Berdahl (67%) and Martin Knutson (33%)	115P/14 63°59'23" N/137°17'31" W 08 7097884 N/387873 E 82 km NW of Mayo	Zeta 1989 Yukon Exploration 1988, p. 220	98 248 t Historical calculation	557.8 g/t Ag	115P 047

† 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 3. Yukon COPPER deposits

Deposit [no. on map] (Other names) 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	Yukon MINFILE occurrence number <i>(MINFILE is a computerized mineral inventory providing a detailed description documenting the exploration history and geology of Yukon mineral occurrences.)</i>
PORPHYRY/SHEETED VEIN					
Alkalic porphyry Cu-Au					
Williams Creek [59] (Carmacks Copper) Western Copper Corporation	115I/7 62°20'56" N/136°41'37" W 08 6914195 N/412316 E 36 km NNW of Carmacks	No. 1 zone 1997 Basic engineering report by Kilborn Pacific Engineering Limited	13.28 Mt Historic calculation	0.97% Cu (COG of 0.29% total Cu)	115I 008
Minto [60] (Def) Sherwood Copper Corporation	115I/11 62°36'33" N/137°14'18" W 08 6944037 N/385126 E 76 km NW of Carmacks	Minto/Def zones 2006 Technical report by Hatch Consulting	9.06 Mt Measured and Indicated* (COG of 0.5% Cu) 90 400 t Inferred* (COG of 0.5% Cu)	1.78% Cu 0.62 g/t Au 7.33 g/t Ag 0.81% Cu 0.21 g/t Au 3.81 g/t Ag	115I 021, 022
Porphyry Cu+/-Mo+/-Au					
Casino [66] Western Copper Corporation	115J/10 62°44'16" N/138°49'41" W 07 6958243 N/610984 E 150 km NW of Carmacks	Supergene oxide zone 2004 Report by Rebagliati Geological Consulting Limited Supergene sulphide zone 2004 Report by Rebagliati Geological Consulting Limited Hypogene zone 2004 Report by Rebagliati Geological Consulting Limited	42 Mt Indicated* (COG of 0.3% Cu Eq) 124 Mt Indicated* (COG of 0.3% Cu Eq) 798 Mt Indicated* (COG of 0.3% Cu Eq)	0.35 g/t Au 0.33% Cu 0.66% Cu Eq 0.32 g/t Au 0.32% Cu 0.66% Cu Eq 0.21 g/t Au 0.19% Cu 0.48% Cu Eq	115J 028
Cash [72] Unstaked (Category A Selkirk First Nation settlement lands)	115I/5 62°25'45" N/137°37'12" W 08 6924733 N/364732 E 79 km NW of Carmacks	Journey zone (hypogene) 1977 Mineral Industry Report 1977, p. 70-71	36.29 Mt Historical calculation	0.17% Cu 0.018% Mo	115I 037
SKARN/REPLACEMENT					
Skarn Cu(Au)					
Whitehorse Copper [16] Various claim holders, including H. Coyne and Sons Limited, Barry Ernewein	105D/11 60°37'36" N/135°03'20" W 08 6721206 N/496960 E 10 km S of Whitehorse (location information for site of Whitehorse Copper mill)	Total 1984 DIAND Open File 1984-1	3 059 000 t Historical calculation	0.95% Cu	105D 053, 054, 055
VEIN/BRECCIA					
Cu+/-Ag quartz veins					
Pike [71] Unstaked (Category A Ross River Dena Council settlement lands)	105J/2 62°10'01" N/130°41'42" W 09 6893933 N/411713 E 94 km ENE of Ross River	Total 1982 EMR Mineral Bulletin MR 213, p. 313	300 000 t Historical calculation	0.5% Cu 62.2 g/t Ag	105J 003
VOLCANIC ASSOCIATED					
Besshi Cu(-Zn)					
Fyre [24] (Kona) Pacific Ridge Exploration Limited	105G/2 61°13'34" N/130°30'55" W 09 6788916 N/418633 E 132 km SE of Ross River	Kona 2006 Report by Minorex Consulting Limited	6.41 Mt Indicated* (COG of 0.5% Cu) 9.15 Mt Inferred*	1.2% Cu 0.1% Co 0.61 g/t Au 1.18% Cu 0.08% Co 0.53 g/t Au	105G 034
Hart River [68] (Mark) Calypso Aquisition Corporation	116A/10 64°38'05" N/136°49'30" W 08 7169001 N/412775 E 125 km NW of Mayo	Total 1969 Mineral Industry Report 1969 and 1970, p. 25. Also Canadian Mines Handbook 1971-72, p. 181	523 849 t Not defined (originally reported as proven reserves)	1.45% Cu 3.65% Zn 0.87% Pb 49.7 g/t Ag 1.41 g/t Au	116A 009
Cyprus Cu					
Ice [25] Yukon Zinc Corporation	105G/14 61°52'29" N/131°21'37" W 09 6862479 N/375887 E 57 km ESE of Ross River	Total 2002 Expatriate Annual Report	4 561 863 t Indicated	1.48% Cu	105G 118

† 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 4. Yukon LEAD-ZINC deposits

Deposit [no. on map] (Other names) 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	Yukon MINFILE occurrence number <i>(MINFILE is a computerized mineral inventory providing a detailed description documenting the exploration history and geology of Yukon mineral occurrences.)</i>
MISSISSIPPI VALLEY TYPE					
Goz [38] (Barrier Reef) Almaden Minerals Limited	106C/7 64°25'43" N/132°32'47" W 08 7147059 N/618147 E 187 km NE of Mayo	Goz 1989 George Cross Newsletter, 05/19/89, p. 2	2 494 758 t Historical calculation	11% Zn	106C 020
SEDIMENT ASSOCIATED					
Sedimentary exhalative(Sedex)					
Howard's Pass [28] (Summit Lake, XY) Pacifica Resources Limited	105I/6 62°28'09" N/129°12'49" W 09 6926465 N/488984 E 175 km ENE of Ross River (location information is for XY zone; the Anniv zone is located approximately 18 km to the northwest)	Total 2006 by Nilsson Mine Services Limited	33.5 Mt Indicated* 112.91 Mt Inferred*	5.52% Zn 2.10% Pb 5.4% Zn 2.14% Pb	105I 012, 037
Grizzly [30] (Dy) Court appointed interim receiver – Deloitte and Touche	105K/3 62°13'47" N/133°07'49" W 08 6901187 N/597189 E 12 km E of Faro	Total 1996 Anvil Range Mining Corporation Annual Information Form	17.24 Mt Indicated*	4.85% Pb 6.39% Zn 71.6 g/t Ag 0.75 g/t Au	105K 101
Grum [30] Court appointed interim receiver – Deloitte and Touche	105K/6 62°16'47" N/133°14'29" W 08 6906565 N/591253 E 9 km NE of Faro	Total 1996 Anvil Range Mining Corporation Annual Information Form	1 589 000 t Proven reserve* 17.06 Mt Probable reserve*	3.56% Pb 5.34% Zn 58 g/t Ag 0.83 g/t Au 2.6% Pb 4.34% Zn 44 g/t Ag 0.74 g/t Au	105K 056
Swim [30] Court appointed interim receiver – Deloitte and Touche	105K/3 62°12'43" N/133°02'00" W 08 6899352 602276 E 17 km E of Faro	Total 1983 CIM Special Volume 37, p. 319-381.	4.3 Mt Historical calculation	3.8% Pb 4.7% Zn 42 g/t Ag	105K 046
Vangorda [30] Court appointed interim receiver – Deloitte and Touche	105K/6 62°15'00" N/133°11'19" W 08 6903351 N/594095 E 9 km ENE of Faro	Total 1996 Anvil Range Mining Corporation Annual Information Form	165 000 t Proven reserve*	3.27% Pb 4.14% Zn 43 g/t Ag	105K 055
Clear Lake [31] Energold Drilling Corporation	105L/14 62°47'04" N/135°08'36" W 08 6961585 N/492692 E 97 km NE of Carmacks	Clear Lake 1991 George Cross Newsletter, 03/04/1991, p. 2.	5 570 114 t Not defined	11.4% Zn 2% Pb 38.1 g/t Ag	105L 045
Tom [33] HudBay Minerals	105O/1 63°09'53" N/130°08'40" W 09 7004455 N/442360 E 176 km NE of Ross River	West zone 1986 CIM Special Volume 37, p. 100-115 East zone 1986 CIM Special Volume 37, p. 100-115.	6 864 800 t Indicated 2 418 900 t Indicated	4.44% Pb 7.16% Zn 42.6 g/t Ag 11.13% Pb 8.42% Zn 145.4 g/t Ag	105O 001
Jason [34] Mac Pass Resources Limited/ HudBay Minerals	105O/1 63°08'55" N/130°15'53" W 09 7002774 N/436267 E 170 km NE of Ross River	Total (Main, South and End zones) 1983 CIM Special Volume 37, p. 87-99.	14.1 Mt Historical calculation	7.09% Pb 6.57% Zn 79.9 g/t Ag	105O 019
Stratiform barite(Zn, Pb)					
Mel [1] (Jean) International Barytex Resources Limited	95D/6 60°21'19" N/127°23'55" W 09 6692052 N/588356 E 79 km ENE of Watson Lake	Main zone 1994 Assessment report #093353	6.8 Mt Historical calculation	7.1% Zn 2% Pb 54.7% Ba	095D 005

† 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.

(continued) Table 4. Yukon LEAD-ZINC deposits

Deposit [no. on map] (Other names) 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	Yukon MINFILE occurrence number <i>(MINFILE is a computerized mineral inventory providing a detailed description documenting the exploration history and geology of Yukon mineral occurrences.)</i>
SKARN/REPLACEMENT					
Polymetallic manto					
McMillan [2] (Quartz Lake) Noranda	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 South 1991 Assessment report #092920	1.1 Mt Historic calculation 400 000 t Historic calculation	62 g/t Ag 4.1% Pb 8.3% Zn 214 g/t Ag 9.3% Pb 1.7% Zn	095D 006
Pb-Zn Skarn					
Sa Dena Hes [4] (Mt. Hundere) Teck Cominco (50%) and Korea Zinc Company Limited (50%)	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	105A 012
VEIN/BRECCIA					
Polymetallic veins					
Craig [39] 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	106C 073
Logan [8] 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	105B 099
Blende [47] 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	106D 064
Andrew [84] (Lad) 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	105K 009
VOLCANIC ASSOCIATED					
Kuroko Cu-Pb-Zn(-Ag)					
Wolf [21] (Hasselberg) 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	105G 008
Wolverine [22] (Fetish) 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 2006 Report by Hatch Consulting	493 000 t Measured* 3 968 000 t Indicated* 1 693 000 t Inferred*	12.44% Zn 1.18% Cu 1.48% Pb 298.8 g/t Ag 1.50 g/t Au 12.10% Zn 1.16% Cu 1.59% Pb 361.8 g/t Ag 1.72 g/t Au 12.16% Zn 1.23% Cu 1.74% Pb 385.4 g/t Ag 1.71 g/t Au	105G 072
Kudz Ze Kayah [23] (ABM, Tag) 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	105G 117

† 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.

(continued) Table 4. Yukon LEAD-ZINC deposits

Deposit [no. on map] (Other names) 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	Yukon MINFILE occurrence number (MINFILE is a computerized mineral inventory providing a detailed description documenting the exploration history and geology of Yukon mineral occurrences.)
Matt Berry [27] (Barb) 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	105H 021
Marg [42] Yukon Gold Corporation, Inc.	106D/1 64°00'21" N/134°28'01" W 08 7097773 N/526067 E 83 km NE of Mayo	Total 2005 Technical Report by Peter M. Holbeck, Mar/2005.	4.65 Mt Indicated* 880 800 t Inferred*	1.80% Cu 2.57% Pb 4.77% Zn 65.08 g/t Ag 0.99 g/t Au 1.55% Cu 1.90% Pb 3.75% Zn 50.42 g/t Ag 0.95 g/t Au	106D 009
GP4F [80] Teck Cominco Limited	105G/7 61°26'43" N/130°30'38" W 09 6813338 N/419450 E 118 km SE of Ross River	Total 1998 Teck Cominco Annual Report	1.5 Mt Inferred	0.1% Cu 3.1% Pb 6.4% Zn 90 g/t Ag 2 g/t Au	105G 143

Table 5. Yukon TUNGSTEN deposits

Deposit [no. on map] (Other names) 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	Yukon MINFILE occurrence number (MINFILE is a computerized mineral inventory providing a detailed description documenting the exploration history and geology of Yukon mineral occurrences.)
PORPHYRY/SHEETED VEIN					
Porphyry W					
Logtung [7] 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	105B 039
SKARN/REPLACEMENT					
Skarn W					
Bailey [5] (Pat) 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% WO ₃	105A 017
Risby [18] Ron Berdahl/Playfair Mining Limited	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% WO ₃	105F 034
Mactung [35] 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 Postle Associates Inc., June/2001	5 052 000 t Measured and indicated 8 617 000 t Measured and indicated	1.2% WO ₃ 0.8% WO ₃	105O 002
Ray Gulch [45] (Garnet) 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% WO ₃	106D 027
Stormy [77] 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% WO ₃	105F 011

† 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 6. Yukon MOLYBDENUM deposits

Deposit [no. on map] (Other names) 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	Yukon MINFILE occurrence number <i>(MINFILE is a computerized mineral inventory providing a detailed description documenting the exploration history and geology of Yukon mineral occurrences.)</i>
PORPHYRY/SHEETED VEIN					
Porphyry Cu+/-Mo+/-Au					
Red Mountain [10] (Boswell River) Tintina Mines Limited	105C/13 60°59'21" N/133°44'58" W 08 6762226 N/567657 E 76 km NE of Whitehorse	Total 1992 Assessment report #092354 High grade core 1992 Assessment report #092354	187.27 Mt Inferred 21.296 Mt Inferred	0.167% Mo 0.293% Mo	105C 009
SKARN/REPLACEMENT					
Skarn Mo					
Stormy [77] 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	13 390 t Historical calculation	0.73% Mo	105F 011

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

Deposit [no. on map] (Other names) 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	Yukon MINFILE occurrence number <i>(MINFILE is a computerized mineral inventory providing a detailed description documenting the exploration history and geology of Yukon mineral occurrences.)</i>
MAFIC/ULTRAMAFIC ASSOCIATED					
Gabbroid Cu-Ni-PGE					
Wellgreen [56] Northern Platinum Limited/ Coronation Minerals Incorporated	115G/5 61°27'55" N/139°31'39" W 07 6815499 N/578469 E 135 km NW of Haines Junction	Wellgreen 1989 Yukon Exploration 1988, p. 166-167	42.33 Mt Inferred	0.35% Cu 0.36% Ni 0.51 g/t Pt 0.34 g/t Pd	115G 024
Canalask [57] (Onion) StrataGold Corporation/Falconbridge Limited	115F/15 61°57'11" N/140°32'16" W 07 6869036 N/524247 E 210 km NW of Haines Junction	Main zone 1968 Assessment report #093256	390 235 t Historical calculation	1.35% Ni	115F 045

† 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.

Tables 8a-d. OTHER Yukon deposits

8a. Antimony deposit

Deposit [no. on map] (Other names) 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	Yukon MINFILE occurrence number <i>(MINFILE is a computerized mineral inventory providing a detailed description documenting the exploration history and geology of Yukon mineral occurrences.)</i>
VEIN/BRECCIA					
Stibnite veins and disseminations					
Becker-Cochran [82] (Yukon Antimony) Tagish Lake Gold Corporation	105D/3 60°11'05" N/135°12'54" W 08 6672002 N/488074 E 61 km S of Whitehorse	Underground 1974 Assessment report #091820 and Canadian Mines Handbook 1976-77, p. 84	127 007 t Not defined mineral reserve	4% Sb	105D 027

8b. Barite deposits

Deposit [no. on map] (Other names) 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	Yukon MINFILE occurrence number <i>(MINFILE is a computerized mineral inventory providing a detailed description documenting the exploration history and geology of Yukon mineral occurrences.)</i>
SEDIMENT ASSOCIATED					
Stratiform barite (Zn, Pb)					
Samovar [36] (Tea) H. Coyne and Sons Limited	105O/2 63°01'11" N/130°36'55" W 09 6988813 N/418243 E 147 km NE of Ross River	Tea 1984 Assessment report #092039	377 038 t Not defined	92.5% Ba	105O 020
Walt [78] (Bar) Jim Coyne	105O/7 63°16'35" N/130°33'48" W 09 7017340 N/421568 E 172 km NE of Ross River	Cathy 2000 Assessment report #094084	450 000 t Inferred	No grade reported, S.G. is 4.25 or higher	105O 021

8c. Iron deposits

Deposit [no. on map] (Other names) 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	Yukon MINFILE occurrence number <i>(MINFILE is a computerized mineral inventory providing a detailed description documenting the exploration history and geology of Yukon mineral occurrences.)</i>
SEDIMENT ASSOCIATED					
Iron formation					
Crest [55] (Snake River) Chevron Resources Canada	106F/6 65°15'08" N/133°02'22" W 08 7237987 N/591569 E Yukon/NWT border	Crest 1964 Assessment report #017964	3 175 147 kt Historical calculation	43.8% Fe 26.6% SiO ₂ 0.34% Pb	106F 008
WERNECKE BRECCIA					
Pagisteel [46] (Steel) Twenty-Seven Capital Corporation/ Cash Minerals Limited	106D/16 64°50'03" N/134°16'57" W 08 7190165 N/534043 E 158 km NE of Mayo	Pagisteel 1978 CIM Bulletin, Aug/1978, p. 53-58	1 000 000 t Historical calculation	29.2% soluble iron	106D 049

8d. Rhodonite deposits

Deposit [no. on map] (Other names) 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	Yukon MINFILE occurrence number <i>(MINFILE is a computerized mineral inventory providing a detailed description documenting the exploration history and geology of Yukon mineral occurrences.)</i>
SEDIMENT ASSOCIATED					
Sedimentary Mn					
Marlin [11] (Eve, Evelyn Creek) 12633 Yukon Inc./Sid McKeown	105C/11 60°42'26" N/133°20'07" W 08 6731328 N/590858 E 68 km NNW of Teslin	Main showing 1994 Assessment report #093247	363 t Assumed figure, measured on surface	Near gem quality rhodonite	105C 017

† 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] (Other names) Owner/options 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	Yukon MINFILE occurrence number <i>(MINFILE is a computerized mineral inventory providing a detailed description documenting the exploration history and geology of Yukon mineral occurrences.)</i>
INDUSTRIAL MINERALS					
Coal					
Sulpetro [9] (Rock River) Almaden Minerals Limited (50%)/ Santoy Resources Limited (50%)	95D/11 60°41'38" N/127°12'40" W 09 6730021 N/597674 E 108 km NE of Watson Lake	Sulpetro 1982 Assessment report #062134	67 Mt Historical calculation	Lignite A to sub-bituminous C coal (CV = 15 456 kJ/kg)	095D 026
Whiskey Lake [19] Cash Minerals 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	105F 048
South Tantalus [26] Cash Minerals 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)	115I 001
Marathon [48] (Airstrip) 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)	106E 013
Pole [49] (Wernecke) 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 Indicated	High volatile bituminous C coal (CV = 23 297 kJ/kg)	106E 021
Garlic Ring [50] 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	5.55 Mt Inferred 8.6 Mt Indicated	High volatile bituminous C coal (CV = 23 297 kJ/kg)	106E 032
Illtyd [51] (Bonnet Plume Coal) 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 120.93 Mt Measured	High volatile bituminous C coal (CV = 22 097 kJ/kg)	106E 035
Pan Ocean [52] (West Illtyd) 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	47.56 Mt Inferred	High volatile bituminous C coal (CV = 23 297 kJ/kg)	106E 036
Deslaurier [53] 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)	106E 037
Spaceship [54] 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)	106E 038
Division [58] (Division Mountain) 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)	115H 013

† 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.

(continued) Table 9. Yukon COAL deposits

Deposit [no. on map] (Other names) 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	Yukon MINFILE occurrence number <i>(MINFILE is a computerized mineral inventory providing a detailed description documenting the exploration history and geology of Yukon mineral occurrences.)</i>
Tantalus Mine [61] Cash Minerals Limited	115I/1 62°05'36" N/136°15'50" W 08 6885220 N/434006 E 1 km E of Carmacks	Tantalus Mine n/a	No reserve figures available due to structural complexity of deposit.	High volatile bituminous B coal	115I 002
Whitehorse Coal [79] (Black Diamond) Cash Minerals Limited	105D/6 60°29'50" N/135°17'08" W 08 6706821 N/484311 E 29 km SSW of Whitehorse	Underground 1969 Assessment report #060580 Open pit 1985 Assessment report #092012	2 381 384 t Historical calculation 182 198 t Historical calculation	Meta- anthracite coal (CV = 13 355 kJ/kg) Meta- anthracite coal (CV= 25 198 kJ/kg)	105D 042

REFERENCED INFORMATION

- Annual, Technical and/or other reports, are available on internet from the various company's websites and/or from SEDAR (System for Electronic Document Analysis and Retrieval) at www.sedar.com.
- Yukon Mineral Assessment (YMA) reports may be used in-house or borrowed upon deposit from the Yukon Energy, Mines and Resources Library, 335-300 Main Street, Whitehorse, Yukon. Additional information regarding this collection may be obtained by contacting Brenda Butler or Aimee Ellis at (867) 667-3111 or emrlibrary@gov.yk.ca.
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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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