

Open File 2005-1 Operating Mines and Selected Major Exploration Projects in British Columbia - 2004

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100 0 100 200
Kilometres

Legend

- Operating Metal mine (metals)
- Operating Coal mine
- Industrial Mineral mine /quarry (commodity)

- Map Symbols
- Cities and other communities
 - Lakes
 - Rivers
 - Roads - paved
 - Roads - gravel, dirt
 - Ferry Routes
 - Physiographic Belts

Selected Major Exploration Projects by Deposit Type

- Porphyry / related
- Massive Sulphide
- Vein
- Manto / skarn
- Magmatic
- Coal
- Industrial Mineral

Fort St John

Ministry of Energy and Mines' office

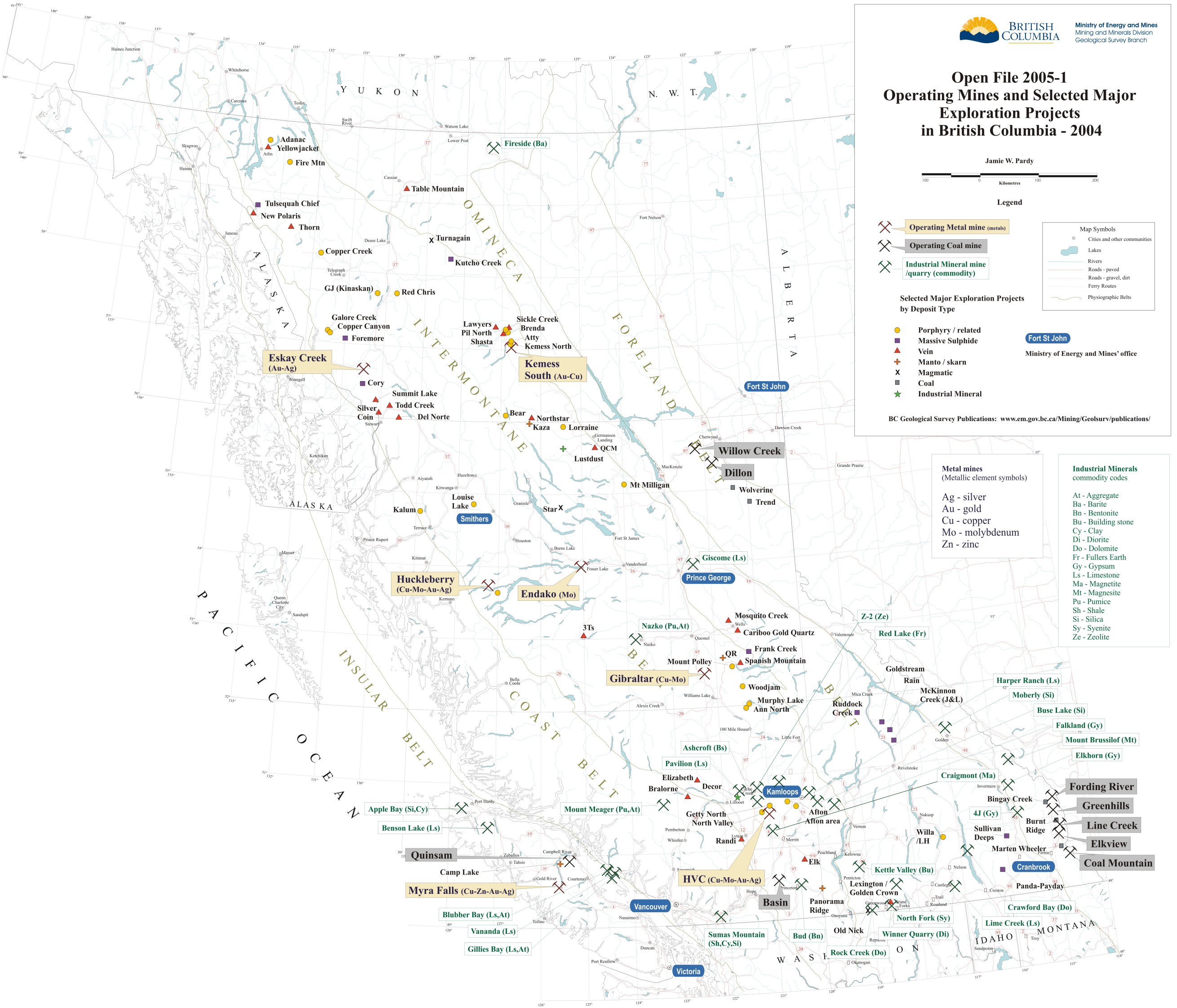
BC Geological Survey Publications: www.em.gov.bc.ca/Mining/Geolsurv/publications/

Metal mines (Metallic element symbols)

Ag - silver
Au - gold
Cu - copper
Mo - molybdenum
Zn - zinc

Industrial Minerals commodity codes

At - Aggregate
Ba - Barite
Bn - Bentonite
Bu - Building stone
Cy - Clay
Di - Diorite
Do - Dolomite
Fr - Fullers Earth
Gy - Gypsum
Ls - Limestone
Ma - Magnetite
Mt - Magnesite
Pu - Pumice
Sh - Shale
Si - Silica
Sy - Syenite
Ze - Zeolite



Selected Major Exploration Projects

Property	Operator	Minfile (NTS)	Commodity	Deposit Type	Work Program
3Ts	Southern Rio Resources Ltd	093F 055, 068	Au-Ag	Epithermal Vein	G; P; OB; DD (~5500 m)
Adanac	Adanac Moly Corp	104N 052	Mo	Calc-alkalic Porphyry	IP; A; DD (9022 m); EN
Afton (Ajax)	DRC Resources Corp	92INE023	Cu, Au, Pd, Ag	Alkalic Porphyry	UG; FS; DD (~2000 m)
Afton Area	Abacus Mining and Exploration Corp	92INE028, 030, 026	Cu, Au, Ag, Pd	Alkalic Porphyry	IP; DD (~27,500 m)
Ann North	GWR Resources Inc	92P 002, 115, 034	Cu, Au, Ag	Alkalic Porphyry	TR; DD (~3000 m)
Atty	Finlay Minerals Ltd	094E 119, 022	Cu-Au	Alkalic Porphyry	G; IP; MG; DD (1653 m)
Bear	Imperial Metals Corporation	094D 068	Cu-Mo	Calc-Alkalic Porphyry	DD (1704 m)
Bingay Creek	Hillsborough Resources Ltd	082JSE011	Metallurgical coal	Sedimentary	RC (1316 m); EN
Bralorne	Bralorne Gold Mines Ltd	92JNE164, 001	Au-Ag	Mesothermal Vein	BU; MS; UG; DD (~3000 m)
Brenda	Northgate Minerals Corporation	094E 147	Au-Cu	Calc-alkalic Porphyry	A; DD (1446 m)
Brett	Mosquito Cons. Gold Mines Ltd	82LSW110, 131, 084, 047, 132, 130	Au, Ag	Epithermal Vein	TR; GC; G; A; DD (2743 m)
Burnt Ridge	Elk Valley Coal Corp	082JSE001	Metallurgical Coal	Sedimentary	RC (8843 m)
Burnt River (Dillon & Brule)	Western Canadian Coal Corp	093P007, 008	Metallurgical (PCI) Coal	Sedimentary	RD (2416 m); DD (462 m); down-hole GP; BU (680 kg); CQ; GT; EN; PF; FS
Camp Lake	Better Resources Ltd	(92K/04E)	Cu-Au-mag	Skarn	G; P; GC; MG; DD (576 m)
Cariboo Gold Quartz (incl. Bonanza Ledge)	International Wayside Gold Mines Ltd	093H 019	Au	Replacement, Mesothermal Vein	A; DD (14 142 m); BU (10 000 t); PF; EN
Copper Canyon	NovaGold Resources Inc	104G 017	Cu, Au	Alkalic Porphyry	AB-MG/RD; DD (3017 m)
Copper Creek	Firesteel Resources Inc	104J 005	Cu, Au	Alkalic Porphyry	G; GC; TR; DD (1555 m)
Corey	Kenrich Eskay Mining Corp	104B 011, 355	Au, Ag	Epithermal VMS	G; GC
Decor Pit (Hat Creek)	Pacific Bentonite Ltd	92INW047, 084	Burnt shale (alumina rock and landscape rock)	Industrial Mineral	BU (~7000 t)
Del Norte	Lateegra Resources Corp	104A 161, 176	Au, Ag	Mesothermal vein	DD (4816 m)
Elizabeth	J-Pacific Gold Inc	92O 012	Au, Ag	Mesothermal Vein	TR; G; GC; UG; DD (~3000 m)
Elk (Siwash North)	Almaden Minerals Ltd	92HNE096	Au, Ag	Mesothermal Vein	EN; DD (10,265 m)
Eskay Creek	Barrick Gold Corp	104B 008	Au, Ag	Epithermal VMS	DD (18 055 m)
Fire Mountain	bcMetals Corp Ltd	104N 067	Mo	Calc-alkalic Porphyry	DD (3379 m)
Foremore	Roca Mines Inc	104G 148	Au, Ag, Cu, Zn	VMS (Kuroko)	G; P; GC; UT; MG; DD (5900 m)
Frank Creek, SCR, Ace	Barker Minerals Ltd	093A 142, 143, 153	Cu-Zn-Pb-Au-Ag	VMS; Mesothermal Vein	G; GC; GP; TR; DD (1881 m)
Friendly Lake	Lithic Resources Ltd	92P 134, 006, 007	Cu, Mo, Pb, Zn, Au, Ag, Pd, Pt	Alkalic Porphyry; Vein	AB-MG; IP; G; DD (~2400 m)
Galore Creek	NovaGold Resources Inc	104G 090, 091, 095, 097	Cu, Au, Ag	Alkalic Porphyry	G; AB-MG/RD; IP; DD (23 000 m); EN; PF
Getty North	Getty Copper Inc	92INE038	Cu	Calc-alkalic Porphyry	BU; MS; IP; DD (~5000 m)
GJ (Kinaskan)	Canadian Gold Hunter Corp	104G 034, 177	Cu, Au	Alkalic Porphyry	G; P; TR; DD (4267 m)
Golden Crown	Gold City Industries Ltd	082ESE032, 033	Au	Mesothermal Vein	TR; MG; EM; GC; DD (230m)
Goldstream (Spire & Boutwell)	Orphan Boy Resources Inc	82M 278	Cu, Zn, Au, Ag	VMS (Besshi)	GP; G; GC; TR; DD (1952 m); FS
Huckleberry	Imperial Metals Corporation	93E 037	Cu, Mo	Calc-alkalic Porphyry	G; IP; DD (~8000 m)
Kalum	Eagle Plains Resources Ltd	1031 019, 174, 213	Au, Ag	Pluton-Related Vein	G; AB-EM/MG; DD (1958m)
Kaza	Northern Hemisphere Development Corp	093M 111	Cu-Au	Skarn	A; TR; DD (1077 m)
Kemess North & area	Northgate Minerals Corporation	094E 021	Au-Cu	Calc-alkalic Porphyry	G; GC; IP; TR; DD (7561 m)
Kemess South	Northgate Minerals Corporation	094E 094	Au-Cu	Calc-alkalic Porphyry	DD (7307 m);
Kutcho Creek	Western Keltic Mines Inc	104I 060	Cu, Zn, Ag, Au	VMS (Kuroko)	DD (7691 m); MS
Lawyers	Bishop Gold Inc	094E 068	Au-Ag	Epithermal Vein	A; GC; MG; VLF; TR
Lexington	Gold City Industries Ltd	082ESE041, 042	Au	Mesothermal Vein/Polymetallic Vein	TR; DD (4847 m); RC
Lorraine-Jajay	Eastfield Resources Ltd	093N 002, 066, 224	Cu-Au	Alkalic Porphyry	A; G; GC; IP; DD (4439 m)
Louise Lake	Firestone Ventures Inc	93L 079	Cu, Au	Calc-alkalic Porphyry	DD (1675 m)
Lustdust	Alpha Gold Corp	093N 009	Au-Ag-Cu-Zn-Pb	Skarn; Manto; Mesothermal Vein	GC; DD (6010 m)
Marten Wheeler	Elk Valley Coal Corp	082GNE006	Metallurgical Coal	Sedimentary	RC (1596 m)
McKinnon Creek (J&L)	BacTech Mining Corp	82M 003	Au, Ag, Cu, Zn, Pb	Stratiform; Mesothermal vein	PF; EN; MS; UG-BS (5 t); UG-DD (~2300 m)
Mosquito Creek Gold	Island Mountain Gold Mines Ltd	093H 010	Au	Replacement; Mesothermal Vein	GC; TR; DD (859 m)
Mount Polley	Imperial Metals Corporation	093A 008, 164	Cu-Au-Ag	Alkalic Porphyry	G; TR; IP; DD (~ 40 000 m) on Northeast zone; DD (~6000 m) on Bell pit; DD (~10,000 m) on Springer pit; MS; FS; EN; R
Mt. Milligan	Placer Dome Inc	093N 191, 194	Au-Cu	Alkalic Porphyry	G; DD (~2200 m); MT; FS
Murphy Lake	Candorado Operating Co. Ltd	93A 044, 073, 113, 063, 92P 004	Cu, Au	Alkalic Porphyry	G; TR; DD (1604 m)
Myra Falls	NVI Mining Ltd (Breakwater Resources Ltd)	92F 330, 071, 072, 073	Cu, Zn, Pb, Au, Ag	VMS (Kuroko)	DD (8500 m)
New Polaris	Canarc Resource Corp	104K 003	Au	Mesothermal Vein	DD (~2000 m)
North Valley	Highland Valley Copper	092INW040, 011, 030, 029, 053, 085, 005	Cu, Mo, Au, Ag	Calc-alkalic Porphyry	IP; DD (~6500 m)
Northstar (Fred)	Northern Hemisphere Development Corp	094D 032	Cu	Volcanic Redbed Copper	A; TR; DD (~1000 m)
Old Nick	Jantri Resources Inc	082ESW055	Ni, Co	Magmatic	GC; DD (2152 m)
Panda-Payday	Klondike Gold Corp	082FSE110	Zn, Pb, Ag	Sedex	DD (2733 m)
Panorama Ridge	Goldcliff Resource Corp	82ESW052, 259	Au	Skarn	TR; GC; G; DD (2277 m)
Pil North	Finlay Minerals Ltd	094E 029, 083, 213, 216	Au-Cu	Calc-alkalic Porphyry; Epithermal vein	A; G; GC; IP; TR; DD (6168 m)
QCM	Canadian Gold Hunter Corp	093N 200	Au	Mesothermal Vein	IP; TR; DD (1190 m)
QR	Cross Lake Minerals Ltd	093A 121	Au	Skarn	G; DD (~4000 m); PF; FS
Rain (Sorcerer)	Orphan Boy Resources Inc	82M 156	Cu, Zn, Pb, Au, Ag, Mo, W	VMS; Skarn; Porphyry; Vein	GC; G; TR; DD (2500 m)
Randi	Locke Goldsmith	092ISW054	Au, Ag, Cu	Mesothermal Vein	DD (~10,000 m)
Red Chris	bcMetals Corp Ltd	104H 005	Cu, Au	Alkalic Porphyry	DD (4848 m); GD (1279 m); CD (779 m); EN; FS
Ruddock Creek	Cross Lake Minerals Ltd	82M 082, 83	Zn, Pb, Ag	Stratiform	GP (AB, DH); DD (1839 m)
Seel	Grayd Resource Corp & Gold Reach Resources Ltd	93E 105	Cu, Au	Calc-alkalic Porphyry	G; R; GC; IP; DD (~2000 m)
Shasta	Sable Resources Ltd	094E 050	Au-Ag	Epithermal Vein	DD (1075 m)
Sickle Creek	Stealth Minerals Ltd	094E 237	Au-Ag; Cu-Au	Epithermal Vein; Calc-alkalic Porphyry	G; P; GC; IP; DD (3870 m)
Silver Coin	Pinnacle Mines Ltd	104B 095	Au, Ag	Epithermal Vein	DD (3000 m)
Spanish Mountain	Skygold Ventures Ltd/Wildrose Resources Ltd	093A 043	Au	Mesothermal Vein	G; TR; GC; RC (~2500 m)
Star	Minterra Resources Corp	094C 090	Cu-PGE	Magmatic	DD (1044 m)
Sullivan Deepes	Stikine Gold Corporation	82F/16E	Zn, Pb, Ag	Sedex	DD (2766m in SD#04-01 Phase 1); UT
Summit Lake	Tenajon Resources Corp	104B 034	Au	Intrusion-related Vein	DD (1280 m)
Table Mountain	Cusac Gold Mines Limited	104P 070	Au	Orogenic Vein	DD (6478 m)
Thorn	Rimfire Minerals Corp & Cangold Limited	104K 031	Ag, Au	High Sulphidation Epithermal Vein	IP; EM; DD (1810 m)
Todd Creek	Lateegra Resources Corp	104A 001	Au, Cu	Epithermal Vein	DD (750 m)
Trend	NEMI Northern Energy & Mining Inc	093I 030	Metallurgical Coal	Sedimentary	A; G; TR; DD (2724 m); RT (4531 m); BU (9 t); CQ; EN; PF; R
Tulsequah Chief Turnagain	Redfern Resources Ltd Hard Creek Nickel Corp	104K 002 1041 119, 120, 051	Cu, Pb, Zn, Ag, Au Ni, Cu, Co	VMS (Kuroko) Magmatic	UG (160 m); R; DD (30 444 m); EN AB-EM/MG; DD (7645 m)
Willia/LH	Bethlehem Resources Corporation	082FNW071, 212, 213	Au, Cu, Ag	Calc-alkalic Porphyry	P; G; GC; GP; DD (6500m)
Wolverine (Perry Creek)	Western Canadian Coal Corp	093P 015, 025	Metallurgical Coal	Sedimentary	DD (1000 m); BU; GT; CD; PF
Woodjam	Fjordland Exploration Inc / Wildrose Exploration Ltd	093A 078, 124	Au-Cu	Alkalic Porphyry	G; DD (~4000 m)
Yellowjacket	Muskox Minerals Corp	104N 043	Au	Orogenic Vein	AB-EM/MG; DD (~3750 m)

A = access; trail, road construction on claims; AB-EM = airborne electromagnetics; AB-MG = airborne magnetics; AB-RD = airborne radiometrics; BU (X tonnes) = bulk sample (weight in tonnes if known); CD = condemnation drilling; CQ = coal quality testing; CT = carbonization test (coal); D.D. (X m) = diamond drilling totaling X metres; EN = environmental baseline studies; monitoring, remediation work; FS = feasibility studies; G = geology, mapping, etc.; GC = geochemical sampling (rock, soil, silt, etc); GD = geotech drilling; GP = geophysics (general); IP = Induced Polarization; 3D-IP; MG = magnetics; MK = marketing-primarily for industrial mineral products; MS = metallurgical studies; OB = overburden drilling; P = prospecting; PD = percussion drilling; PF = pre-feasibility studies; R = reclamation; RC = reverse circulation drilling; TR = trenching; UG (X m) = X metres of underground development; UG-BU = underground bulk sample; OP-BU = open-pit bulk sample; UT = UTEM; VLF; WT = washability test (coal)

Table to accompany Open File 2005-1
Operating Mines and Selected Major
Exploration Projects in British Columbia
- 2004

Table from *British Columbia Mines & Mineral Exploration Overview 2004*. See other related publications at: www.em.gov.bc.ca/Mining/Geolsurv/Publications; ‘click on’ *Exploration and Mining in British Columbia* and *Mineral Exploration Reviews*