



BRITISH COLUMBIA

British Columbia Geological Survey

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## Geology of the Murphy Lake Area

NTS 93A/03

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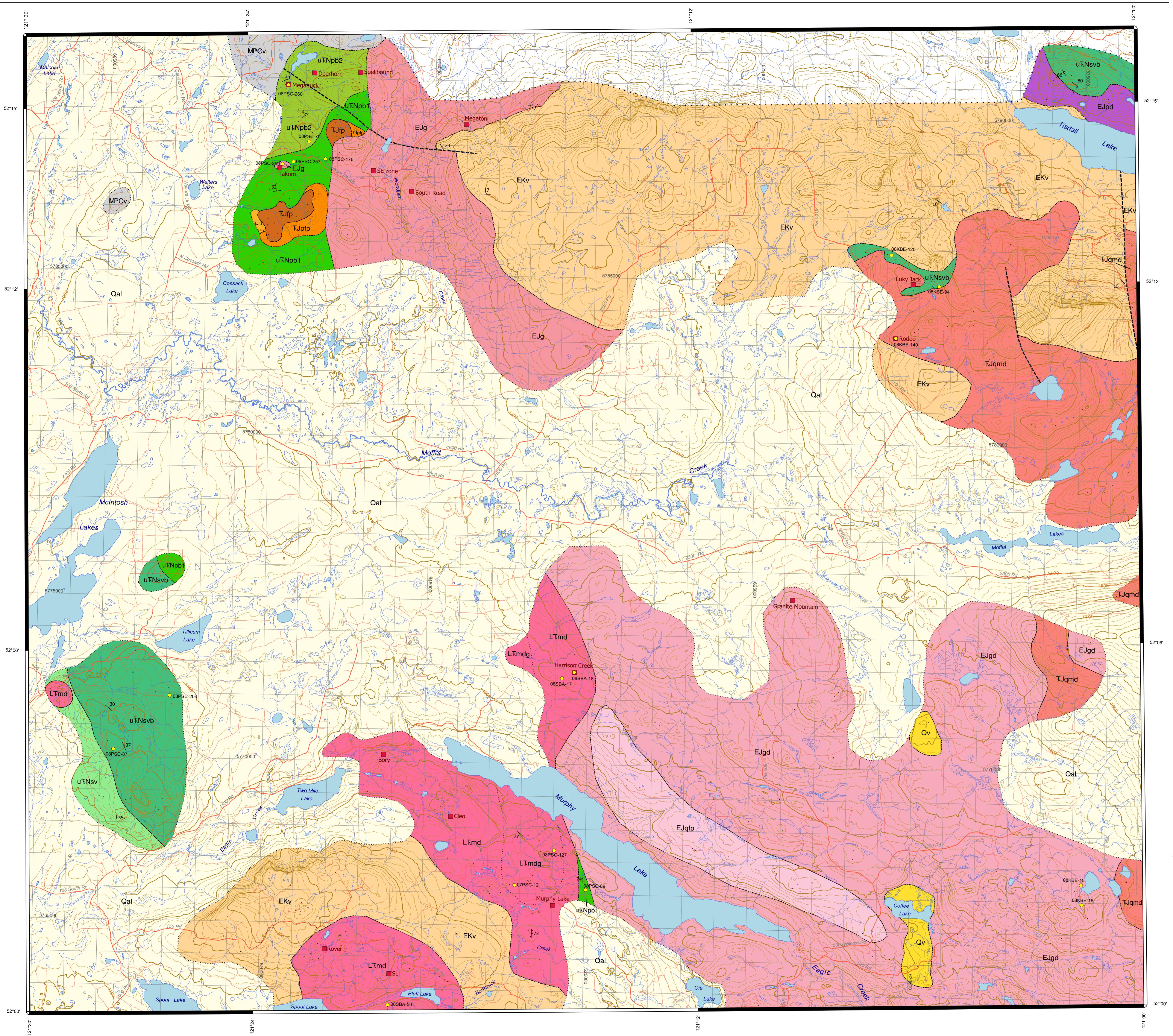


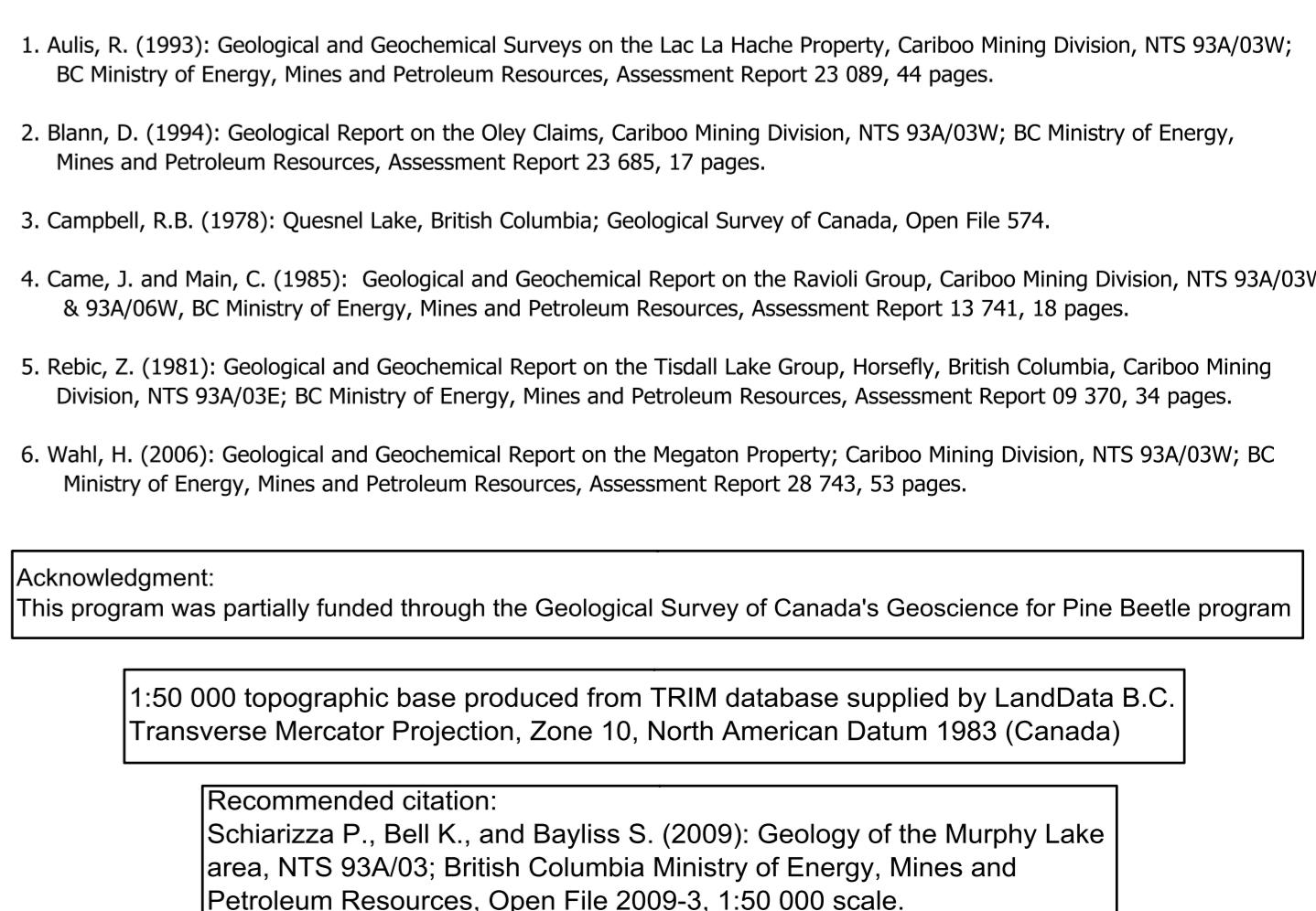
TABLE 1: ASSAY DATA; SAMPLES COLLECTED DURING 2008 FIELD SEASON

	Element	Units	Mo	Cu	Pb	Zn	Ag	Ni	Co	Fe	As	Sb	Bi	P	Cr	Ba	B	W	Hg	As*	Pt*	Pd*
	Method	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppb		
Sample	Easting	Northing																				
07PSC-12	617835	5766295																				
07PSC-70	611251	5766295																				
08PSC-10	610548	5766295																				
08PSC-87	605408	5770235																				
08PSC-89	620028	5766144																				
08PSC-127	611904	5767338																				
08PSC-176	611634	5788519																				
08PSC-204	607116	5771918																				
08PSC-259	610547	5768419																				
08PSC-260	610356	5770793																				
08PSC-67	610547	5768419																				
08PSC-260	610356	5770793																				
08KE-15	610548	5766556																				
08KE-18	635290	5766556																				
08KE-18	635324	5765939																				
08KE-18	635324	5765910																				
08KE-120	629118	5785930																				
08KE-120	629118	5785930																				
08SA-17	610194	5772651																				
08SA-18	610568	5772838																				
08SA-50	613993	5762503																				

Rock samples jaw crushed, split, &amp; steel milled at GSB, Victoria. ARMS = Aqua regia digestion - ICPMS (1 gram sample). FAIC = Fire assay (30 gram sample)-inductively coupled plasma emission spectrometry finish. ACM = ACME Analytical, Vancouver.

TABLE 2: MINERAL OCCURRENCES

Table Abbreviations:						
AR-Assessment Report						
Str-Station						
Bory	093A 063	613740	5770210	Cu	disseminated cpy	AR 3232, 23089
Deerhorn	093A 044	615840	5768340	cpx	disseminated cpy	AR 3387
Granite Mountain	093A 204	611250	5791160	Cu, Au	cpx in quartz-carbonate veins and stockwork breccias	AR 27330
az-azurite						
Born-Bornite						
Harrison Creek		626260	5775170	Cu	cpx, mal along quartz veins within local shear zones	AR 29405
Lucky Jack		619568	5772838	Cu	py, cpx, mal along quartz-Ksp-epidote veins	Stn 08BSA-18
Megabuck	093A 078	610356	5790793	Cu, Au	sph, cpx, py in quartz veins and along fractures	AR 25733, 27384
Kopan potassium						
Meganon		615965	5789657	Cu	mal, az, nCu, born, cpx along fractures, and as disseminations	AR 27157, 28743
Murphy Lake	093A 073	619030	5765640	Cu (Au, Mo)	py, cpx, py along fractures, as disseminations, and locally in chl-qtz veins	AR 25368
Rodeo		629208	5783309	Cu	py, mal, born as disseminations, blebs, fracture coatings	AR 25733
Rover		610200	5764190	Cu	disseminated cpy, born	AR 949
SE zone		613120	5781880	Cu, Mo, Au	mo, in quartz veins, along fractures and as disseminations	www.fjordlandex.com
SL	093A 113	614020	5763460	Cu	disseminated cpy, born	AR 4697, 949
South Road		614300	5787560	Cu, Mo	py, cpx, mo along fractures	AR 25094
Spellbound	093A 205	612670	5791200	Cu	py, cpx in quartz stockwork associated with tourmaline-epidote alteration	AR 26838
Takom	093A 206	610230	5788220	Cu, Au	py, cpx in quartz veins, along fractures and as disseminations	AR 54118, 28419, 28823



Additional Sources of Information

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1:50 000 topographic base produced from TRIM database supplied by LandData B.C.  
Transverse Mercator Projection, Zone 10, North American Datum 1983 (Canada)

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Schiarizza P., Bell K., and Bayliss S. (2009): Geology of the Murphy Lake area, NTS 93A/03; British Columbia Ministry of Energy, Mines and Petroleum Resources, Open File 2009-3, 1:50 000 scale.