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TABLE 1a. Lode Gold Localities.

AU No.	Mine/Mineral Occurrence	Easting	Northing	No. Grains	Mineralogy <sup>2</sup>
AU 402	Cariboo Quartz Gold Mine (lode)	596343	5883218	1	
AU 403	Cariboo Quartz Gold Mine (lode)	596343	5883218	5	Co <sup>2</sup>
AU 404	Cariboo Quartz Gold Mine (lode)	596343	5883218	4	Co <sup>2</sup>
AU 497	Mosquito Mine	593903	5885241	4	Py <sup>2</sup> , G <sup>2</sup> , Co <sup>2</sup> , Asp
AU 502	Burns Mountain (Perkins)	588790	5878034	52	Py <sup>2</sup> , G <sup>2</sup>
AU 546	Cow Mountain vein (surface trench)	596050	5883280	1	No ore minerals
AU 547	Cow Mountain vein (surface trench)	596050	5883280	11	observed but this may
AU 548	Cow Mountain vein (surface trench)	596050	5883280	13	be a consequence of
AU 549	Cow Mountain vein (surface trench)	596050	5883280	15	weathering close to
AU 550	Cow Mountain vein (surface trench)	596050	5883280	14	surface
AU 551	Cow Mountain vein (surface trench)	596050	5883280	15	
AU 560	Wells Adit	595950	5883250	13	
AU 588	Wells Adit	595950	5883250	3	
AU 589	Wells Adit	595950	5883250	38	
AU 586	Warspite	601518	5876958	46	Py <sup>2</sup> G <sup>4</sup> Sph <sup>4</sup> Asp <sup>4</sup>
AU 587	Proserpine	600772	5877900	32	Py <sup>4</sup> G <sup>4</sup> Sph <sup>4</sup>
AU 594	BC Vein	596343	5883218	25	Py <sup>4</sup> G <sup>4</sup> Sph <sup>4</sup>
AU 595	Myrtle	597414	5881788	76	Py <sup>4</sup> G <sup>4</sup>
A	Hibernia <sup>1</sup>	5863450	6011100	22	Asp (major) <sup>2</sup> , G <sup>2</sup>
B	Bonanza Ledge <sup>1</sup>	597369	5881231	19	Py <sup>3</sup> , Cpy <sup>3</sup> , G <sup>3</sup> , Co (minor) <sup>3</sup>
C	Midas Adit <sup>1</sup>	606400	5856400	118	Py <sup>2</sup> , G <sup>2</sup>

Sample populations with 'AU' prefix are from the study by McTaggart and Knight (1993)

<sup>1</sup>Sample collected in present study <sup>2</sup>Inclusion mineralogy observed in polished grain sections during present study: Py – pyrite; G – galena; Cpy - chalcopyrite, Co – cosalite, Asp – arsenopyrite

<sup>3</sup>Mineralogy described by Rhys and Ross (2001)

<sup>4</sup>Mineralogy described by Schiarizza (2004)

For locations: see Fig. 2

TABLE 1b. Placer Gold Localities: McTaggart and Knight (1993).

AU No.	Locality	Easting	Northing	Grains		Inclusion mineralogy						
				No.	I % <sup>2</sup> .	Py	Cpy	G	Asp	Ge	Bi	
59	Nelson Ck <sup>iv</sup>	586700	5881900	20	0							
107	Dragon Ck	582250	5885000	89	2		2					
228	Slough Ck <sup>iv</sup>	587250	5883100	97	0							
470	Lightening Ck	Composite		90				ND				
471	Oregon Gulch	586700	5879250	73	5	2					2	1
472	Beggs Gulch <sup>i</sup>	606300	5875500	98	0							
494	Burns Ck	590031	5881840	80	0							
500	Ballarat St Georges <sup>ii</sup>	600450	5881650	81	7	4		1	1			
501	California Ck	606550	5873800	101	0							
519	Mosquito Ck	594500	5886100	86	15	8			4		1	1
593	Maude Ck <sup>iii</sup>	604300	5879450	100	6	5			1			
596	Upper Lowhee Ck	597700	5881550	67	6	2			2			
597	Montgomery Ck	583950	5885450	43	13	2			1			
599	Coulter Ck <sup>iii</sup>	589300	5883850	94	0							
496	Cunningham Ck <sup>ii</sup>	610550	5868650	98	0							

<sup>1</sup>Inclusion mineralogy: Py=pyrite, Cpy= chalcopyrite, G= galena, Sp= sphalerite, Asp= arsenopyrite, Ge= gersdorffite±Co, Bi= Bi- bearing ,

<sup>2</sup> Percentage of grains in which opaque inclusions were observed.

Roman numeral superscripts refer to the classification of placer deposits according to sedimentary environment (Levson and Giles, 1993) defined in the preceding section describing surficial geology

TABLE 1c. Placer Gold Localities: present study

Locality	Easting	Northing	Grains		Inclusion mineralogy <sup>1</sup>							
			No.	I % <sup>2</sup> .	Py	Cp	G	Sp	Ar	Ge	Bi	
Dragon Ck	583016	5885903	12	0								
Montgomery Ck	583950	5885450	3	0								
Antler Ck (upper)	606398	5870152	48	13	4	1			1			
Antler Ck (lower)	606750	5871205	91	7	4	1						
Beggs Gulch <sup>i</sup>	606300	5875500	71	6	1							1
Chisholm Ck (upper)	586874	5878438	96	11	5			1				2
Chisholm Ck (lower)	586791	5878197	118	12	8			2	1			3
Perkins Gulch	587655	5876715	32	3	1							
Amador Ck	588853	5876180	73	3	2							
Burns Ck	590031	5881840	53	30	9						2	3
Williams Ck	599830	5881613	54	4	1						1	
Lowhee Ck	596500	5883750	103	25	15							4
Peter Ck	611129	5863278	43	4	2							7
Cunningham Ck	610520	5865900	66	4	3							
Little Snowshoe Ck <sup>iii</sup>	604600	5856500	35	3				1				
Keithley Ck	604183	5849514	95	5	4			1	1			

Labelling as in Table 1b