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OPEN FILE 6150

GEOLOGY

TASEKO LAKES

BRITISH COLUMBIA

Scale 1:250 000/Échelle 1/250 000

kilómetros 5 0 5 10 15 20 kilómetros

Universal Transverse Mercator Projection Projection transverse universelle de Mercator

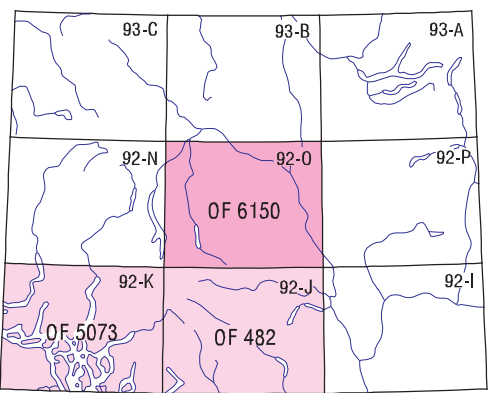
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Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada

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Digital base map from data compiled by Natural Resources Canada,
modified by the Geological Survey of Canada

Mean magnetic declination 2013, 17°43'E, decreasing 13.0' annually. Reading:



SYMBOLS

MINFILE locations with map ID number

MINFILE locations with map ID number
(Past producer, developed prospect, prospect, showing, anomaly) ● ● ● ● *

MINFILE is a comprehensive, computerized mineral inventory of over 13,000 metallic, industrial mineral and coal mines, deposits and occurrences in British Columbia that is maintained by the British Columbia Geological Survey. The MINFILE computer database contains a unique record of each documented mineral occurrence in the province, including operating mines. Each record includes extensive detail on location; mineralogy and alteration; geology and host rocks; assay data, reserves and production records; and further references and information on any given occurrence.

MINFILE occurrences and locations in the Taseko Lakes map area were obtained from BC Ministry of Energy, Mines and Natural Gas, MINFILE digital data, <http://www.empr.gov.bc.ca/Mining/Geoscience/MINFILE/ProductsDownloads/PublicationsList/Pages/092b.aspx> [June 2013]

MINFILE locations are plotted on the Taseko Lakes geologic map. For detailed geology and unit descriptions, refer to Sheet 1.

Table 4. Mineral occurrences within Taseko Lakes map area (NTS 92-O)

Map ID	MINFILE Number ¹	Primary Name	Secondary Name	Status	UTM Easting ²	UTM Northing ²	Elevation (m)	Commodity ³	Geologic Unit
1	062JNE 100	Taylor Creek Chromite		Showing	506299	5648802	2250	Cr,Ni	CjB
2	0620 001	Mohawk	Motherload	Prospect	472806	5664300	1980	Cu, Au, Ag, Mo, Zn, Pb, U	LKgd
3	0620 002	Knight	Knob	Showing	482211	5679881	2100	Au, Ag	luKbc
4	0620 003	Copper Mountain	Trapper Lake	Prospect	491198	5680020	2100	Cu, Ag, Mo, Zn, Pb	LKgd
5	0620 004	Splasher	Graffiti Creek	Prospect	468502	5636621	2070	Au, Ag, Au, W	uKgm
6	0620 005	Balletroom Creek		Prospect	478304	5632155	1990	Fe	ufcm3
7	0620 006	Rae Creek		Prospect	479601	5661820	2130	Fe	KTp
8	0620 007	Fee Creek		Prospect	462009	5661008	2200	Fe	ufcm1
9	0620 008	Denain Creek		Prospect	481705	5657611	1980	Fe	ufcm1
10	0620 009	Forrest	Whole Mountain	Prospect	479097	5657404	1750	Fe	LKgd
11	0620 010	Lonsdale	McClure Mountain (West)	Prospect	467409	5663901	1950	Fe	ufcm
12	0620 011	Chilcotin	McClure Mountain (East)	Prospect	469897	5661008	1910	Fe	ufcm
13	0620 012	Elizabeth	Yalakom	Developed Prospect	531497	5653411	2333	Au, Ag, Pb, Zn, Cu, Mo	KTp
14	0620 013	Blue Creek	Yalakom	Showing	534136	5654942	1800	Jade, Gemstones	Psm
15	0620 014	Sunny	Yalakom River	Showing	536647	5655021	1815	Magnetite	Psm
16	0620 015	Apex	Quartz Mountain	Prospect	523599	5663718	1678	Hg	Imys
17	0620 016	North Fame	Coppermine	Showing	511711	5661010	1950	Au, Ag	luKbc
18	0620 017	Shaverick Mine	Trypanhook Mine	Past Producer	512756	5645351	1669	Hg	luKq
19	0620 018	Tungsten Queen	Phillips' Tungston	Past Producer	517198	5653889	1356	W,Sb, Hg, Au	CjB
20	0620 019	Fame		Showing	516311	5706762	1555	Au, Cu	mKbc
21	0620 020	Tungsten King	Cinnabar King	Past Producer	518602	5654819	1340	W, Sb, Hg, Au	CjB
22	0620 021	Macdonald Asbestos		Showing	456688	5685686	1372	As	uTch
23	0620 022	WYHU		Showing	455286	5685896	2915	Au, Ag, Mo, Au	KTp
24	0620 023	Lang River	Engle	Past Producer	516157	5656522	1234	W, Sb	LKgd
25	0620 024	BUB	Lam	Showing	468995	5689511	2130	Cu, Mo	ufcm1
26	0620 025	Copper Zone	Tasconi	Prospect	474001	5654308	2310	Cu, Mo	LKgd
27	0620 026	Robison	Bonanza	Past Producer	507793	5652395	1737	Au, Ag, Pb, Zn, Cu	KTgd
28	0620 027	Vick	Cash	Prospect	454778	5691728	2083	Au, Cu, Pb	ufcm
29	0620 028	Thompson	Windfall	Past Producer	470386	5662015	1707	Au, Ag, Cu, Zn, Pb	ufcm1
30	0620 029	Reboulton	Phar	Prospect	470112	5661811	1959	Au, Mo, Ag	LKgd
31	0620 030	Poisonmount Creek	Poison Mountain Creek	Past Producer	526802	5667812	1710	Au	Qs
32	0620 031	Born Creek		Past Producer	531812	5660329	1570	Au	Qs
33	0620 032	Fairless Creek		Showing	531831	5687364	1450	Au	Qs
34	0620 033	Taseko (Empress)	Empress	Developed Prospect	471995	5661516	1670	Cu, Au, Mo, Ag, Conundrum, Gemstones, Sapphires	ufcm1
35	0620 034	Taylor Mountain	Mad Major	Showing	481808	5683625	2410	Cu, Mo	LKgd
36	0620 035	Westside	Mad Major	Showing	479098	5652833	2130	Cu	LKgd
37	0620 036	Canyon	Mad Major	Showing	478008	5654810	1790	Cu	LKgd
38	0620 037	Pot		Showing	475406	5659027	2130	Cu, Mo, Cu, Au	LKgd
39	0620 038	Buzzer	Taseko	Prospect	475309	5661126	1940	Cu, Mo, Au, Ag	LKgd
40	0620 039	GUR	GO	Showing	473902	5661620	1970	Cu, Mo	LKgd
41	0620 040	ML	ML 144	Showing	511862	5714886	1833	Cu	EKa
42	0620 041	Prosperity	Fish Lake	Developed Prospect	465544	5701568	1463	Cu, Au, Mo, Zn	mKbcPcv
43	0620 042	Two Gullies	Path	Showing	447883	5720681	1300	Hg, As	m

Map ID	MINFILE Number ¹	Primary Name	Secondary Name	Status	UTM Easting ²	UTM Northing ²	Elevation (m)	Commodity ³	Geologic Unit
81	0200 086	Tasoko River		Showing	454863	5692654	1370	Hydromagnetite, Magnetite	Qs
82	0200 087	Riske Creek		Showing	430243	5758195	930	Hydromagnetite, Magnetite	Qs
83	0200 088	Springhouse		Showing	557187	5754877	975	Hydromagnetite, Magnetite	Qs
84	0200 089	Big Mack Magnetite	Big Creek	Showing	497600	5727673	1125	Hydromagnetite, Magnetite	Qs
85	0200 090	Big Mack		Showing	455462	5649986	1700		Qs
86	0200 091	Big Bar	Sheep	Prospect	560498	5668715	900	Au, Ag, Cu, Zn	mkab
87	0200 092	MAD	Waterlomon	Prospect	562951	56838704	1000	Au, Ag, Cu, Pb, Zn, Sb	Qs
88	0200 094	BK		Showing	484907	5654233	2250	Ag, Zn, Pb, Cu, Au	ufkpcm1
89	0200 095	Porphyry	Warner 4	Showing	486405	5653811	2370	Cu, Ag, Au, Zn	ufkpcm1
90	0200 096	Novae Creek		Showing	518003	5651885	1158	Magnetite	CJb
91	0200 097	Big Creek		Showing	488913	5689807	2078	Au, Ag, Zn, Cu	Qs
92	0200 098	Crow's Bar		Showing	556194	5653866	640	Bentonite	Evo
93	0200 099	French Bar Creek		Prospect	560608	5674215	747	Bentonite	Evo
94	0200 100	LOT 3155		Showing	553910	5665664	579	Zeolite	Evo
95	0200 101	North Ward Creek	N. Ward Creek	Showing	562406	56605123	1006	Bentonite	Evo
96	0200 102	South Ward Creek	S. Ward Creek	Showing	564397	5662304	1036	Bentonite	Evo
97	0200 103	Moore Lake		Showing	556894	5683137	1454	Perlite, Volcanic glass	Evo
98	0200 104	Mooney's Ranch		Showing	562707	5665951	1082	Volcanic glass	Evo
99	0200 105	Ward Creek		Showing	563594	5664921	1952	Volcanic glass	Evo
100	0200 106	French Bar Creek		Showing	554447	5669667	1953	Perlite	Evo
101	0200 107	North Mooney's		Showing	563699	5667456	900	Zeolite	Evo
102	0200 108	South Mooney's		Showing	553697	5664771	1021	Zeolite	Evo
103	0200 109	Ward Canyon		Showing	563786	5665613	836	Zeolite	Evo
104	0200 110	Walden Bar		Showing	556219	5661124	640	Bentonite	Evo
105	0200 111	B1	Garage Ranch B1	Showing	541910	5700815	990	Bentonite	Evo
106	0200 112	B2	Garage Ranch B2	Showing	546502	5708206	425	Bentonite	Evo
107	0200 113	B3	Garage Ranch B3	Showing	548701	5708002	502	Bentonite	Evo
108	0200 114	B4	Garage Ranch B4	Showing	549855	5702368	670	Bentonite	Evo
109	0200 115	B5	Garage Ranch B5	Showing	553193	5693226	505	Bentonite	Evo
110	02016	B6	Garage Ranch B6	Showing	548853	5695724	700	Bentonite	mkab
111	0200 117	Chum Creek Zeolite		Showing	546350	5708019	365	Bentonite	Evo
112	0200 118	2700 Road		Showing	548010	5705718	640	Zeolite	Evo
113	0200 119	Central Empire Valley Road		Showing	548894	5704027	730	Zeolite	Evo
114	0200 120	Grinder Creek Zeolite		Showing	525268	5694425	760	Zeolite	Evo
115	0200 121	Tim Creek	ZAN 5	Showing	452556	5653804	2140	As, Hg, Sb, Au	Qs
116	0200 122	Oxwood Creek	ZAN 1	Showing	473715	5660629	2225	Cu, Mo, Au, Ag, Zn	IKbv
117	0200 124	Mount Goddard		Showing	432440	5673777	2133	Cu, Ag, Mo	IKbv
118	0200 125	Tern Creek		Prospect	440105	5678660	2255	Cu, Ag	ufkpcm
119	0200 126	Garage Ranch		Showing	542787	5709996	790	Diatomite	Evo
120	0200 127	Prentice East		Showing	546291	5718616	655	Diatomite	MPcv
121	0200 128	Prentice South		Showing	546030	5717779	790	Diatomite	MPcv
122	0200 129	Prentice West		Showing	544603	5718849	845	Diatomite	MPcv
123	0200 130	Airfield		Showing	549304	5719355	855	Diatomite	Evo
124	0200 131	Task		Showing	454313	5704522	1508	Cu, Au, Ag	MPcv
125	0200 999	Mega-Gold		Anomaly	452297	5719803	1300	Au	luksq

¹ All data from British Columbia Geological Survey MINFILE database (June 2013)

² UTM Zone 10, NAD 83³ Commodities listed in decreasing abundance.

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SHEET 5 OF 5
FEUILLET 5 DE 5

Sheet 5 of 5, Mineral occurrences

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