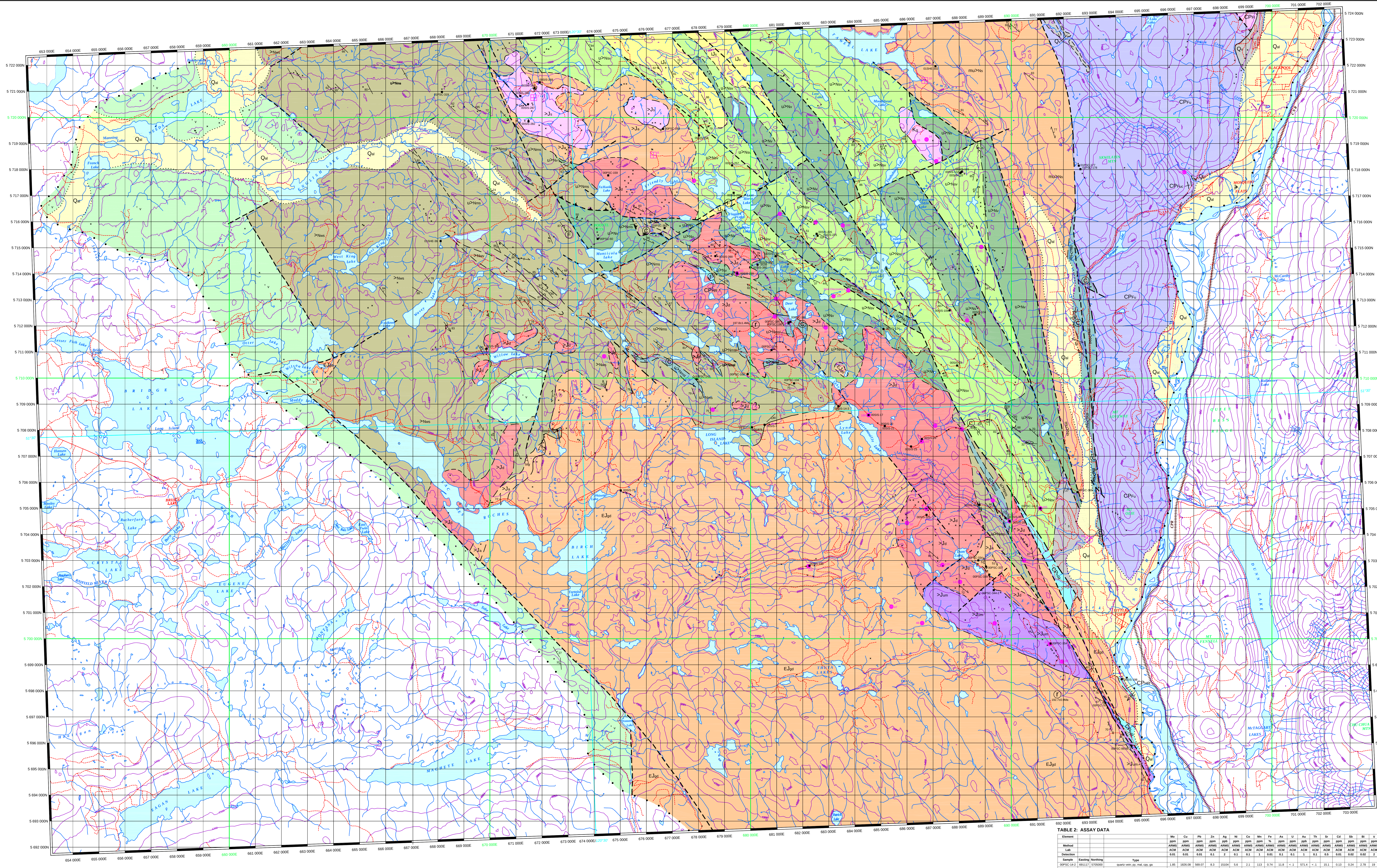


British Columbia
Ministry of Energy and Mines
Minerals Division
Geological Survey Branch

Geological Survey Branch

OPEN FILE 2002 - 4

GEOLOGY OF THE NEHALLISTON PLATEAU

NTS 92P/7, 8, 9, 10

Geology by P. Schiarizza, S. Israel, S. Heffernan and J. Zuber

Macrofossil Identifications: E.W. Bamber, T.P. Poulton, GSC Calgary; H.W. Tipper, GSC Vancouver; P.L. Smith, The University of British Columbia

Conodont Identifications: M.J. Orchard, GSC Vancouver

Isotopic Dating: R.M. Friedman, The University of British Columbia

Digital Cartography: V. Vilkos, J. Zuber

SCALE 1:50 000

0 1 2 3 4 5
Kilometres

QUATERNARY

Qal *Unconsolidated glacial, fluvial and alluvial deposits*

Qv *Basalt*

'OCENE
Kamloops Group

'v *Skull Hill Formation: andesite, basalt, dacite, volcanic breccia; minor amounts of sandstone, siltstone, conglomerate*

's *Chu Chua Formation: conglomerate, sandstone*

CRETACEOUS

Kg *Granite, quartz-feldspar porphyry*

EARLY JURASSIC

lJs *Siltstone, sandstone, conglomerate*

EJgd *Granodiorite; locally includes quartz diorite, diorite and monzodiorite*

LATE TRIASSIC(?) and EARLY JURASSIC

>Js *Syenite, monzonite, quartz monzonite*

>Ja *Diorite, microdiorite, syenite, intrusion breccia; pyrite-silica-altered rock, skarn and chloritic schist derived from these intrusive rocks and/or associated country rocks*

>Jd *Diorite, microdiorite, gabbro; locally includes clinopyroxenite and intrusion breccia*

>Jum *Dunite, wehrlite, clinopyroxenite, serpentinite*

MIDDLE AND LATE TRIASSIC
Nicola Group

u>Nsv *Volcanic sandstone, siltstone, conglomerate, volcanic breccia, tuff, basalt, chert, limestone*

u>Nv *Mafic volcanic breccia, massive to pillowed pyroxene-phyric basalt; minor amounts of volcanic sandstone, siltstone and conglomerate*

u>Nfv *Dacite, sericite schist with felsic volcanic fragments*

Meridian Lake succession

u>Nms *Siltstone, argillite, slate, sandstone, conglomerate, limestone*

u>Nmsl *Limestone; locally includes slate, siltstone and chert*

Lemieux Creek succession

mu>Ns *Siltstone, slate, phyllite, sandstone, quartzite, siltite, limestone*

mu>Nsl *Limestone; lesser amounts of slate and siltstone*

Wavey Lake succession

>Nwv *Volcanic breccia, tuff, volcanic sandstone*

>Nws *Chert, slate, siltstone, volcanic sandstone, conglomerate*

CARBONIFEROUS - PERMIAN
Harper Ranch Group

CPHR *Siltstone, argillite, chert, limestone*

Fennell Formation

CPFu *Upper Structural Division: pillowed and massive basalt; minor amounts of chert, diabase, gabbro;* **CPFuc** *- chert*

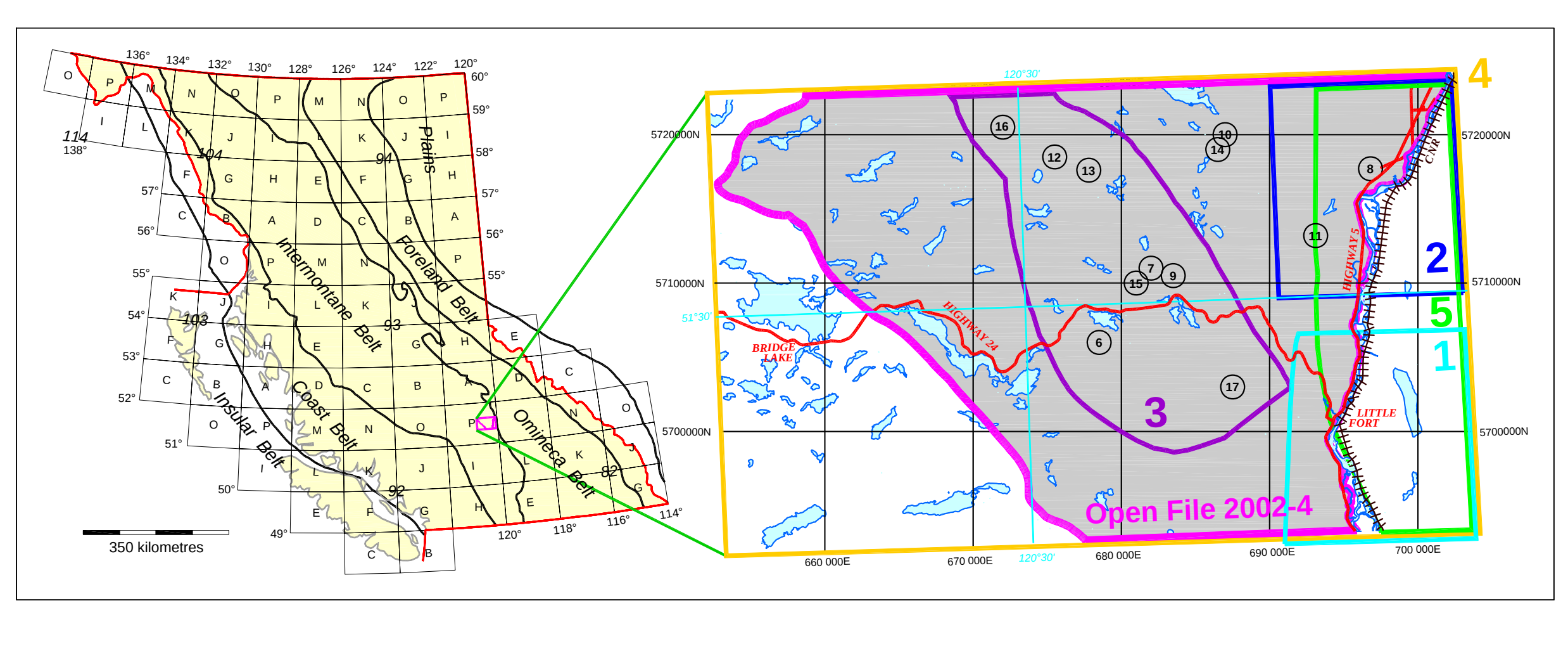
CPFl *Lower Structural Division: chert, slate, siltstone, basalt, gabbro, diabase*

SYMBOLS

Geological contact (defined, approximate, inferred)
Fault (defined, approximate, inferred)
Thrust fault, teeth on upthrust block (inferred)
Bedding, tops known (inclined, overturned) 50 87
Bedding, tops unknown (inclined, vertical) 75
Slaty cleavage or schistosity (inclined, vertical) 70
Axis of mesoscopic fold 42
Fossil locality (macrofossil, conodont) Ⓕ Ⓒ
Location of isotopically dated sample (U-Pb zircon) ⓡ 192.7±0.9Ma
Mineral occurrence with MINFILE number (prefix 92P, Table 1)
Past producer 055
Prospect 7
Showing 94
Assay sample with sample number (Table 2) ■ 00SIS-198
Field station (shown only where not indicated by another symbol) ×
Limit of extensive Qal cover
Limit of mapping
Contours (100 metre intervals) 900
Roads (paved, gravel, rough)

TABLE 1: MINERAL OCCURRENCES

MINFILE No.	Name	Easting	Northing	Commodities	Type
92P-006	RO	676271	5718556	Cu, Mo, Pb	Porphyry Cu
92P-007	Bogg	671680	5720760	Cu, Pb, Pt, Pd, Ag	Porphyry Cu
92P-008	Silver	680977	5713044	Cu, Zn	Skarn
92P-009	PC	674381	5710834	Cu	Disseminated
92P-010	Lakeview	681423	5712111	Cu, Au	Skarn
92P-011	EC 60	678548	5708787	Pb, Cu, Zn	Skarn
92P-013	Hidden Creek	690495	5703001	Au, Ag, Cu	Disseminated
92P-014	Anticlimax A	686749	5719156	Mo, W, Bi	Porphyry Mo
92P-015	Anticlimax B	686280	5719060	Mo	Porphyry Mo
92P-016	Anticlimax C	687120	5718320	Mo	Porphyry Mo
92P-018	Ace	686680	5721420	Ag, Pb, Zn, Au, Cu	Polymetallic vein
92P-026	Cedar skarn	688102	5708040	Cu, Ag, Au, Pb, Mo	Skarn
92P-027	Red	682880	5711940	Cu	Disseminated
92P-029	Mann Creek	696640	5717900	Cu, Pb	Vein
92P-043	Golden Loon Platinum	691478	5699793	Pt, Pd	unknown
92P-047	Central Golden Loon VI Area	685400	5701230	Au, Ag, Pb, Cu	Vein
92P-048	Golden Loon (Montigny Lake)	686580	5700600	Au, Ag, Pb	Vein
92P-055	Eakin Creek Placer	692820	5703893	Au	Placer Au
92P-094	Golden Loon 6	691950	5699120	Au, Ag, Pb	Stockwork vein
92P-095	Golden Loon 5	689360	5700590	Au, Ag, Pb	Vein
92P-096	Golden Loon 4	686740	5704980	Zn, Cu, Pb	Skarn
92P-097	Golden Loon 3	686000	5704440	Au, Ag	Vein
92P-103	G	686560	5707570	Au, Ag, Pb	Vein
92P-106	Thuya	682220	5702780	Cu	Disseminated
92P-119	Golden Loon Low Grade Zone	687360	5702830	Au, Ag	Shear zone
92P-134	FL	677829	5717572	Cu, Mo, Pb, Zn	Disseminated
92P-136	PYCU	680925	5712362	Cu, Au	Skarn
92P-137	PGR	681120	5716300	Au, Ag, Pb, Zn, Cu	Vein; disseminated
92P-141	Golden Loon High Grade Zone	688033	5702180	Au, Ag, Pb, Zn, Cu	Vein
92P-145	Worldstock	688305	5712214	Cu	Porphyry Cu
92P-165	Olie	691117	5705000	Cu, Au	Vein
92P-166	Latremouille	684525	5708580	Cu, Ag, Au	Vein
92P-169	Bill	689289	5705307	Au, Pb	Vein
92P-170	Eakin Creek Copper	689932	5704511	Cu, Ag, Pb	Shear zone
92P-172	Cedar Sheeted Veins	687080	5708170	Au, Ag, Pb	Vein
92P-181	Spider	683180	5713140	Cu, Pb	Stockwork vein
92P-183	Wandering Dog	679485	5714010	Cu	Skarn
92P-185	Crazy Fox	688849	5715032	Zn, Cu, Mo, Ni, Co	Till geochemical anomaly
92P-188	HC Gold	683537	5715858	Au, Cu, Ag	Vein
92P-189	HC Silver	682492	5715975	Ag, Pb, Zn, Au, Cu	Vein
	New Discovery A	683746	5713365	Cu, Ag, Au	Vein



OPEN FILE 2002-4: Based on geological mapping by the B.C. Geological Survey Branch, 2000-2001. The basemap is North American Datum 1983, Zone 10, Transverse Mercator Projection.

Secondary Sources of Information

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TABLE 2: ASSAY DATA

Element				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Pt	Pd
				ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	ppb	ppb
Method				ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	ARMS	FA	FA	FA
Lab				ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM	ACM
Detection				0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	1	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.2	0.1	0.02	0.02	5	0.1	0.02	0.02	2	2	2
Sample	Easting	Northing	Type																																								
00PSC-14-2	691117	5705000	quartz vein; py, mal, cpy, ga	1.85	1826.08	569.07	8.3	15104	5.6	2.1	113	0.74	11.8	< .1	571.4	< .1	15.1	0.13	0.24	2.78	19	0.14	0.005	< .5	24.1	0.16	27	0.004	1	0.26	0.007	0.03	7.6	1	< .02	0.01	33	1.3	7.02	0.8	704	< 2	4
00PSC-60	674134	5715340	pyritic basalt	1.91	63.06	25.16	97.4	177	11.2	22.8	1257	5.25	2.4	0.5	4.6	2.1	42	0.12	0.68	3.08	106	1.68	0.146	9	17.7	1.96	123	0.261	6	2.7	0.078	0.35	0.7	4.7	0.11	1.84	18	0.7	0.07	7.4	4	< 2	3
00PSC-76	693607	5697543	quartz-carbonate-altered rock; py	0.43	16.24	12.25	10.3	101	409.6	68.6	2108	5.57	9.8	0.1	5.1	< .1	495.9	0.15	1.35	0.08	44	15.62	< .001	< .5	458.7	7.46	28.9	0.002	< 1	0.11	0.004	< .01	0.5	44.6	0.2	0.22	44	0.5	0.12	1.2	5	65	3
00PSC-88	694614	5695900	quartz-carbonate-altered rock	11.79	35.61	35.99	31.4	175	27.9	6.2	593	2.59	47.2	0.6	4.3	0.8	215.2	0.68	4.9	0.62	50	6.61	0.06	7.2	38.5	2.23	73.2	0.01	< 1	0.67	0.008	0.12	0.5	4.1	0.25	0.47	92	1	0.09	2	6	10	5
00PSC-88-2	694614	5695900	quartz-carbonate-altered rock	9.53	8.87	6.15	10.7	114	13	1.6	136	0.67	1.2	< .1	2.3	0.1	43.2	0.3	1.15	0.03	10	1.45	0.042	6	32	0.52	14.2	0.001	< 1	0.12	0.005	0.01	8.2	1	0.04	0.02	17	< .1	< .02	0.4	4	2	2
00PSC-104	681668	5709797	skarn; lim	3.2	23.07	2.23	51.6	47	13.2	6.8	1235	4.83	81.6	2	1.8	0.8	21	0.19	1.37	0.05	114	5.79	0.03	3.3	71.4	0.32	132.7	0.074	45	1.34	0.01	0.05	0.8	4.4	0.04	0.08	7	1.6	< .02	5.9	2	< 2	< 2
00PSC-109	679889	5710153	py-silica-altered rock	2.18	117.17	1.63	36.4	340	32.7	16.3	255	2.64	38.8	0.2	3.5	0.4	22.4	0.09	1.06	0.2	93	1	0.082	3	43.5	1.13	167.4	0.319	7	1.65	0.079	0.24	1	2.6	0.04	1.21	< 5	4.2	0.03	5.4	4	3	7
00PSC-124	680802	5711075	gossan; lim, py	16.35	871.09	7.98	70.7	929	332.5	340.2	517	19.06	8	< .1	202.8	0.1	21.6	0.28	0.57	0.17	105	0.59	0.117	4.4	85.2	1.48	45.7	0.148	< 1	1.93	0.049	0.06	1.1	2	0.03	11.73	23	37.9	1.82	5.6	199	9	22
00PSC-159	674536	5717777	quartz-py-altered microdiorite	1.88	98.43	3.49	51.7	157	14.5	29.4	809	4.95	11.8	< .1	1.8	0.9	74.1	0.06	0.24	0.18	136	1.94	0.125	3.8	15.7	1.77	153.8	0.22	1	2.85	0.139	0.26	0.5	3.4	0.06	1.53	< 5	1.6	0.1	6.6	4	4	2
00PSC-194	681530	5712159	gossan; lim, py	17.21	983.5	2.17	29.2	604	37.1	33.3	1854	13.13	61.5	4.7	737.6	1.5	17.5	0.26	0.61	0.34	360	11.57	0.145	7.5	49.9	0.16	43.6	0.074	1	1.35	0.003	0.01	7.2	3.7	0.02	1.29	24	8.9	0.26	5.4	834	6	6
00PSC-195	681455	5712136	skarn; po, cpy	5.47	12738.48	7.72	219.1	10122	38.7	132	1785	13.55	70.4	4.4	164.7	1.2	18	1.89	1.16	0.92	430	7.72	0.137	7.6	63.7	0.16	60.7	0.098	< 1	1.54	0.008	0.02	1.2	4.1	0.06	4.67	95	24.1	1.03	4.8	101	2	6
00PSC-198	681456	5712098	skarn; mag, cpy	1.65	1719.7	5.1	116.3	2206	14.7	36	883	25.46	130.2	0.9	199.2	0.4	12.2	0.79	1	0.98	111	6.84	0.092	1.5	34.5	0.33	22.5	0.038	1	1.28	0.009	0.01	6.5	3.1	0.02	1.42	43	4.6	0.29	7.7	145	5	6
00PSC-242	677934	5709976	hornblende-feldspar porphyry sill; po	3.24	101.31	9.03	44.6	646	14.7	20.8	415	2.64	49.3	0.1	2.5	1.4	161.4	0.14	1.87	0.07	57	0.87	0.105	6.1	25	0.88	653.7	0.175	1	1.51	0.081	0.18	0.9	2.7	0.08	1.02	11	3.3	0.08	3.2	9	5	4
00PSC-283	676637	5719561	carbonate-rich gossan; lim, py, cpy, born	90.91	96.98	21.78	25.8	557	23.7	12.5	802	3.68	250.8	0.5	687	0.6	317.5	0.04	1.78	1.48	166	6.22	0.068	4.8	33.2	1.36	156	0.036	< 1	0.57	0.009	0.15	8	6.8	0.09	1.54	68	4	0.89	0.4	693	5	4
00PSC-334	688735	5703005	chlorite-epidote-quartz-py alteration	11.14	227.29	4.49	252.7	803	58.4	13.4	265	4.44	8.1	1.6	31.6	1.5	35.6	0.98	0.87	0.8	256	1.19	0.271	14.4	70.6	0.48	78.2	0.12	2	1.1	0.071	0.09	2	1.6	0.04	2.8	27	15.3	0.54	3.1	26	3	9
00PSC-337	689029	5702767	pyritic mafic schist	13.41	262.53	2.24	56.2	341	67.1	99.4	542	5.19	22.1	0.5	20.2	0.4	26.6	0.02	0.67	0.18	112	1.32	0.117	4.3	35.4	1.3	65.2	0.305	< 1	1.61	0.077	0.11	1.3	4.3	0.03	2.94	9	7.4	0.21	4.4	10	< 2	4
00PSC-339	689157	5702458	skarn; py, po	3.62	125.5	0.9	35.4	209	27.1	38.6	286	3.27	8.7	< .1	4.7	< .1	27.6	0.03	0.49	0.15	74	1.51	0.092	1.5	21.8	0.63	253.6	0.35	< 1	1.05	0.123	0.08	1	5.6	0.02	1.5	9	0.7	0.19	3	7	< 2	4
00PSC-344-2	689327	5701862	clinopyroxenite; py	2.51	974.66	1.53	52.9	622	64.1	108.4	680	7.74	2	0.7	10.1	1.5	76.5	0.25	0.27	0.03	195	2.74	0.345	9.5	38.5	2.53	89.8	0.291	2	2.1	0.299	0.55	0.9	14.7	0.11	2.82	13	4.1	0.07	7.2	11	8	7
00PSC-354	691507	5699813	dunite; mag	1.06	5.94	< .01	27.8	27	1291.5	104.5	910	5.11	1.5	< .1	0.7	< .1	5.8	< .01	0.1	< .02	5	0.15	0.002	< .5	506.9	16.08	9.3	0.005	23	0.03	< .001	< .01	0.2	3	< .02	0.02	< 5	0.2	< .02	0.5	2	10	< 2
00PSC-362	676702	5715758	dacite; py	2.04	23.42	3.99	103	113	9.5	17.4	781	5.36	56.9	0.1	11.2	1	91.2	0.29	0.46	0.33	83	2.65	0.164	4.4	14.8	2.24	217.2	0.026	2	3.46	0.062	0.23	0.3	4.1	0.04	1.9	< 5	1.8	0.23	8.5	16	< 2	< 2
00PSC-368	692540	5705623	quartz-carbonate-altered rock; lim	0.7	56.73	2.57	57.7	48	20.9	20.7	1181	4.83	25.5	< .1	< .2	0.4	424.8	0.12	1.44	< .02	96	6.36	0.093	5.2	36.6	2.58	80.3	0.009	2	1.08	0.028	0.12	0.6	12.6	0.02	0.06	14	0.2	0.03	4	3	5	3
00SIS-5	680054	5708110	silicified siltstone; py	5.83	73.73	12.36	34.7	383	51.5	11.3	109	1.93	9.1	0.7	20.6	1.7	40.2	0.28	0.55	0.13	13	0.66	0.092	8.8	17.7	0.16	172.8	0.06	3	0.53	0.038	0.04	2.7	0.7	0.02	0.96	93	3.5	0.07	1.5	14	4	6
00SIS-7	680536	5708209	silicified siltstone; py, po, cpy	3.36	139.41	4.87	22.1	593	15.2	15	73	2.94	5.8	0.4	4	1.1	47.6	0.12	0.52	0.12	20	0.61	0.085	5.8	26.6	0.24	201.1	0.06	3	0.7	0.036	0.12	1.3	1	0.06	1.57	< 5	5	0.13	2.1	3	4	2
00SIS-14-3	683367	5708923	calcite-quartz vein; py, cpy	0.94	229.58	6.49	57.8	623	19.5	11.4	921	2.64	39.5	< .1	3.9	< .1	713.3	0.33	0.44	0.21	62	21.85	0.065	1.4	24.4	0.91	16.6	0.052	1	0.94	0.014	0.01	1.1	5.8	< .02	1.12	11	3.9	0.08	5	6	3	2
00SIS-17	684525	5708580	quartz vein; py, cpy	2.89	9.55	9.1	13.4	2198	7.6	7.3	713	2.17	2.6	< .1	796.5	0.1	260.9	0.24	0.11	0.08	19	5.96	0.011	0.9	18.1	0.41	87.7	0.016	1	0.32	0.012	0.01	6.5	2.6	< .02	1.54	22	0.6	2.14	1.6	892	3	2
00SIS-20	685146	5708161	calcite-quartz vein; py	39.46	11.56	11.13	17.5	115	17.7	5.1	2198	1.33	10.4	< .1	11.5	< .1	954.1	0.57	0.06	0.36	33	31.1	0.002	1.1	2	0.58	9	0.004	< 1	0.42	0.009	0.01	0.3	7.5	< .02	0.53	13	0.5	0.19	2.3	< 2	4	< 2
00SIS-21	685146	5708161	fine-grained mafic rock; py	11.7	124.58	10.46	90.2	214	17.2	37.5	1041	5.97	2.5	< .1	16.6	0.1	159.8	0.21	0.3	0.95	126	6.19	0.013	0.6	10.6	2.04	69.9	0.114	1	2.38	0.017	0.23	0.2	4.1	0.12	2.45	15	0.8	0.24	7.8	13	5	< 2
00SIS-23	686155	5707375	gabbro with py stringers	72.61	1488.46	0.72	42.1	1248	7	41.1	508	4.11	1.9	0.1	85.3	0.1	81.9	0.31	0.48	0.05	132	2.17	0.215	3.2	9.1	1.7	30.1	0.16	2	1.97	0.039	0.06	0.3	3.9	0.02	0.64	53	1.4	0.11	5.6	90	10	< 2
00SIS-26	686570	5707660	gossanous fault rock; lim, py	82.14	29.24	33.6	22.2	3250	31	1514.5	238	20.59	66.3	0.2	1108.2	0.5	81.9	0.49	1.16	17.21	33	1.97	0.057	1.3	42.5	0.14	85.4	0.086	4	0.62	0.004	0.18	101.7	1.6	0.24	19.85	367	8.8	12.91	2.5	845	3	< 2
00SIS-29	689932	5704511	sheared siltstone; py, mal, cpy	2.8	13463.53	3.47	92.9	12590	24	69.1	452	6.04	29.1	0.5	65.2	1	31.9	0.4	0.52	0.17	119	1.07	0.198	6.6	5.9	1.35	74.9	0.11	2	1.6	0.028	0.17	0.6	5.4	0.06	2.63	65	7.9	0.87	6.1	72	13	62
00SIS-33	689778	5704634	silicified rock; py	1.05	501.39	2.45	75.8	516	11.7	16.5	109	2.79	15.2	0.2	18.2	0.5	62.7	0.5	1.1	0.08	35	1.32	0.108	3.7	4.1	0.14	84.6	0.115	1	0.52	0.017	0.06	0.6	2.4	0.03	1.97	114	5.4	0.12	1.5	8	< 2	< 2
00SIS-40	688778	5705138	silicified siltstone; po, py	30.07	170.73	6.96	133.3	498	95.6	19.7	290	5.42	21.7	1.5	17.5	1.1	13.5	1.15	2.21	0.26	95	0.58	0.045	2	23.3	0.97	225.8	0.1	1	1.27	0.01	0.1	0.3	3.3	0.12	3.11	64	15.7	0.34	2.5	6	8	4
00SIS-75	675020	5705690	quartz vein; py	1.62	12.73	1.34	10.9	23	3.3	1.3	253	0.5	0.3	0.3	6.4	1	57.6	0.05	0.07	< .02	4	1.01	0.009	1	11.6	0.08	16	0.002	1	0.11	0.017	0.03	4.7	0.6	< .02	< .01	56	< .1	0.03	0.4	3	< 2	< 2
00SIS-93	687921	5710480	silicified basalt; po	0.28	177.94	2.69	64.7	77	27.4	29.5	1021	5.92	1.1	0.4	6.2	1.1	78.2	0.07	1.6	0.03	197	2.69	0.183	7.7	46.3	2.35	52.6	0.224	2	2.43	0.019	0.17	0.3	4.8	0.03	1.71	79	0.3	0.04	9.1	3	6	19
00SIS-104	688619	5712432	silicified rock; py, po	2.1	154.9	2.59	40.7	183	10.9	34.1	583	5.59	38.8	< .1	2.8	0.4	38.2	0.03	1.05	0.13	134	1.2	0.188	4.4	18.1	2.19	61.1	0.104	2	2.29	0.042	0.12	0.7	4	0.04	3.37	23	6.4	0.43	7.8	4	4	4
00SIS-109	687635	5712597	quartz-carbonate-altered rock; py	1.66	170.39	7.38	57	205	57.9	32.5	1759	5.85	14.8	0.1	19.7	0.6	186.6	0.19	0.92	0.05	197	5.07	0.13	6.5	172.5	4.03	42.2	0.021	1	3.36	0.031	0.05	0.4	13.6	0.03	2.1	153	3.5	0.45	10.8	2	< 2	11
00SIS-124	685097	5711885	altered mafic rock; py, po mag?	0.9	272.33	0.74	17	168	10.8	15	231	2.88	0.7	0.3	26.5	1.3	41.5	0.02	0.54	0.07	44	0.57	0.139	3.9	17.7	0.59	108	0.112	1	1.07	0.029	0.14	0.3	1.9	0.02	1.89	47	3.1	0.11	2.1	15	6	4
00SIS-131	688103	5717924	rusty siltstone; py, po	9.46	98.8	6.82	631.4	440	53.5	24.6	513	4.76	3.6	0.9	45.5	1.1	131.1	6.79	2.24	0.61	259	2.84	0.158	4.9	80.2	1.18	80.4	0.172	< 1	1.34	0.08	0.89	1.2	6.8	0.71	2.65	312	11.3	0.08	7.1	4	8	5
00SIS-132	688089	5717909	rusty chert; py, po	18.6	200.33	4.56	181.1	373	78.4	21.7	396	5.06	3.3	1.7	3.6	1.5	144.9	1.89	0.83	4.27	453	1.26	0.139	6.6	154.9	1.78	189.6	0.206	< 1	2.71	0.289	1.27	0.8	11.9	1.53	1.96	26	10.8	0.1	10.8	4	8	6
00SIS-133	688052	5717872	quartz-calcite vein; py	0.98	5.86	1.44	114.4	17	9	1.1	751	0.19	6.9	< .1	17.4	< .1	1651.7	2.84	0.17	0.03	3	13.62	0.003	< .5	8.6	0.04	5.2	0.002	< 1	0.05	0.004	0.01	3.5	0.8	0.04	0.01	124	0.5	0.14	0.2	3	< 2	< 2
00SIS-189	669874	5711129	quartz vein; py	5.81	19.83	4.26	7.9	212	7.7	2.8	77	0.88	11.5	< .1	8.4	0.1	4	0.05	0.12	6.22	7	0.04	0.004	< .5	21.5	0.09	11.2	0.003	< 1	0.14	0.005	0.02	1.6	0.4	0.02	0.13	< 5	0.8	4.85	0.4	22	6	< 2
00SIS-198	694241	5698447	schist; py	2.2	134.85	9.3	108.9	648	33.7	33.8	189	2.88	3.7	0.3	6.9	0.8	75.5	0.35	3.01	0.5	78	1.07	0.113	6	6.8	0.29	31	0.009	1	0.72	0.005	0.06	0.4	6.5	0.12	0.92	146	1.6	0.27	2.5	9	4	< 2
00SIS-213	672586	5707988	silicified rock (siltstone?); py, po	3.62	81.43	2.94	37	284	34.1	11.2	375	2.77	9.2	1.1	10.3	2.9	55.7	0.18	0.31	0.4	24	1.87	0.149	18.8	19.1	0.14	96.5	0.07	2	1.24	0.116	0.06	1.8	1.8	0.02	1.07	10	5.8	0.22	3	8	3	3
00SIS-215	680957	5714675	silicified rock; py	11.11	118.16	30.6	313.4	1253	56.5	15.7	637	4.64	41.4	0.6	29.9	0.5	190.1	3.7	10.35	0.07	57	4.15	0.1	2.8	29.1	1.88	21.4	0.005	< 1	0.16	0.022	0.07	0.7	7.5	0.04	4.31	1071	9.2	1.51	0.4	56	8	4
00SIS-216	680957	5714675	quartz vein; py, cpy, mal	5.47	153.97	6.01	15.7	1109	6.2	1.4	145	0.55	9.9	< .1	4.4	0.1	83.2	0.14	71.23	0.6	3	1.07	0.009	0.7	14.4	0.18	216.4	0.001	< 1	0.03	0.008	0.01	5.2	0.6	< .02	0.08	2935	0.5	0.27	0.1	7	3	< 2
00SIS-225	682570	5715463	altered pyroxene porphyry; py, cpy, mal	5.83	51.25	16.48	61.8	395	205.1	36.6	1100	4.25	42.3	< .1	25.9	0.3	756.7	0.31	4.09	0.06	63	6.58	0.051	1.6	200.2	4.12	27.9	0.006	< 1	0.39	0.013	0.07	0.6	11.1	0.05	2.25	10	0.6	0.24	1	28	10	9
00SIS-226	682532	5715538	silicified pyroxene porphyry; py, cpy, mal	2.56	71.35	195.23	1379.5	18854	92.8	36	893	6.63	2434.4	< .1	1416.9	0.4	74.1	24.02	1.89	1.49	182	1.07	0.108	2.7	197.7	3.81	81.5	0.012	< 1	2.94	0.02	0.1	0.6	12	0.03	1.28	347	8.3	16.01	10.2	1458	7	10
00SIS-256	679350	5717109	silicified rock (possible K-alteration); py, po	5.07	52.12	6.75	330.1	600	19.2	16.8	491	3.4	23.7	0.4	31.1	2.3	64.2	5.26	1.01	2.22	105	1.5	0.125	8.3	44	0.8	131.8	0.096	1	0.87	0.068	0.01	1.6	6.1	< .02	1.41	121	4.4	0.89	4.3	30	5	4
00SIS-257	679290	5718160	silica-epidote-altered rock; py, cpy?	4.97	36.65	4.1	40.7	266	16.6	12.9	183	2.83	14.7	0.3	43.6	0.9	32.8	0.3	0.98	0.45	77	0.57	0.138	2.6	26.4	0.93	33.7	0.127	< 1	0.94	0.037	0.07	1.2	3.1	0.04	1.27	62	2	1.03	4.4	45	2	< 2
00SIS-258	678020	5719315	silicified siltstone; py, mal, cpy	14.82	48.46	6.85	8.1	212	7.9	7.8	33	4.14	23	0.2	29.4	1.4	30.2	0.04	1.6	1.64	103	0.05	0.103	8.4	22.5	0.18	114.4	0.022	2	0.51	0.075	0.38	1.9	4	0.11	1.88	260	29.6	0.65	2.3	27	6	3
00SIS-268	671910	5721351	hornblende-quartz porphyry; py, po	6.72	158.89	2.52	23.1	129	21.7	38.4	322	3.65	4.2	0.5	4	1.5	38.1	0.1	0.18	0.21	100	1.92	0.131	8.1	31.3	1.18	123.1	0.188	4	1.88	0.049	0.57	2	3	0.2	0.99	7	1.1	0.13	7.7	4	8	3
00SIS-269	671711	5721133	intrusion breccia(?); py, cpy, born, mal	6.84	33754.17	198.43	379.7	25434	7.7	10	1977	3.9	10.8	1	24.6	0.8	283.7	32.9	2.9	65.15	76	4.19	0.075	12.1	6.9	0.45	80.2	0.014	< 1	0.2	0.029	0.18	1.4	0.7	0.1	2.27	263	21.1	1.41	2.4	37	208	149
00SIS-282	671479	5719849	quartz-Kspar rock	1.36	34.44	0.83	5.1	49	3.5	0.6	87	0.37	0.8	< .1	4.1	0.8	18.5	0.11	0.13	0.16	5	0.08	0.027	3	16.7	0.01	137.9	0.002	< 1	0.05	0.014	0.04	6.2	0.2	< .02	0.01	10	< .1	< .02	0.2	5	3	2
00SIS-287	671462	5720505	altered monzonite; py, born, cpy	5.58	54.18	43.53	22.1	288	19.5	5.9	220	1.76	1.5	0.6	4.8	3.3	75.2	0.42	0.55	0.76	35	1.87	0.085	8.9	29.3	0.48	443.8	0.037	1	0.84	0.095	0.12	0.7	8.1	0.03	0.48	12	1.7	0.05	0.5	7	5	2
00SIS-288	671166	5720825	altered intrusive rock; py, born, cpy	9.3	95.43	47.3	198.6	302	23.8	17.3	1040	3.8	3.5	0.4	6.7	0.9	70.4	2.4	0.4	0.91	51	3.5	0.078	4.9	23.9	1.15	120	0.025	1	0.63	0.049	0.17	1	12.6	0.05	1.63	57	3.1	0.19	0.9	7	6	5
00SIS-325	686749	5704754	chlorite-epidote-altered gabbro; cpy, mal, po	2.05	167.95	10.24	86.9	277	12.6	16.1	875	3.27	1.6	2.3	3.1	8.9	103.8	0.46	0.63	0.07	74	1.39	0.122	9.7	23.7	1.6	206.3	0.137	2	2.22	0.038	0.5	< .2	3.4	0.1	< .01	15	0.1	0.02	6.8	3	3	3
00SIS-335	682257	5702799	altered monzodiorite; cpy, mag	2.86	61.35	1.92	25	55	5.5	5.2	225	1.19	0.8	1.5	1.5	4.9	74.3	0.03	0.17	0.02	32	0.65	0.062	4.2	21.3	0.42	230.6	0.082	2	1.14	0.059	0.17	5.3	1.2	0.02	< .01	< 5	0.1	< .02	2.9	< 2	2	< 2
00SIS-352	680268	5714350	silicified mafic rock; py	3.56	255.59	2.07	24.8	165	5.3	12.7	344	2.1	4.1	0.2	10	1.2	58.3	0.15	0.3	0.2	27	1.14	0.088	5.1	19.2	0.46	104	0.023	2	1.48	0.091	0.24	0.9	1.8	0.03	0.41	5	0.7	0.1	3.3	7	3	< 2
00SIS-352B	680268	5714350	quartz-carbonate vein	2.23	34.04	2.6	23.7	33	31.1	12.3	734	2.31	0.6	< .1	1.5	0.2	324.8	0.11	0.26	0.02	35	3.32	0.028	1.4	79.8	1.51	38.9	0.014	< 1	0.46	0.019	0.08	8.5	5.8	< .02	0.05	14	0.2	0.03	1.2	< 2	2	3
00SIS-359	679485	5714010	semi-massive sulphide lens; py, po, cpy	11.57	872.32	5.86	58.2	410	29	119.6	1807	19.21	53.3	2.6	17.3	0.2	7	0.15	0.79	0.32	64	8.99	0.031	7	27.2	0.69	48.1	0.058	1	1.32	0.003	0.02	6.5	2.5	0.04	6.81	34	2.7	0.31	7.2	14	2	4
00SIS-380	679984	5714248	silicified gabbro; py, cpy	0.22	49.76	1.73	70.2	41	8.8	33.2	1335	6.51	0.4	< .1	1.3	0.5	119.1	0.06	0.23	0.07	258	5.25	0.092	3.7	8.5	3.38	55.9	0.04	< 1	4.03	0.021	0.09	0.3	12.4	0.02	0.46	16	0.4	0.07	11.9	3	13	14
00SIS-390	678648	5714681	intrusion breccia; py, cpy, born?	2.12	86.95	1.65	72.5	53	11.5	23.1	1060	4.52	1.4	0.5	1.7	1.4	86.4	0.11	0.46	0.13	102	2.71	0.123	5.5	24.3	1.92	104.3	0.168	1	2.4	0.062	0.17	0.4	4.6	0.04	1.89	9	1.7	0.05	6.5	5	2	< 2
01PSC-177	692591	5718150	calcite vein; po, ars, cpy	0.1	170.92	2.82	37.1	174	37.5	26.2	1870	3.53	60.2	< .1	1.1	< .1	222.6	0.08	0.39	1	67	9.82	0.047	2.2	65.8	1.11	222	< .001	2	1.38	0.01	0.22	< .2	4.5	0.06	1.06	8	0.3	0.05	4.9	3	< 2	< 2
01PSC-178	692653	5718016	calcite-pyrite-cemented breccia	0.34	113.57	1.28	80.5	23	68.2	50.9	753	7.39	13.7	< .1	1.6	< .1	59.7	0.08	1.69	0.08	241	4.17	0.035	1.6	134.6	3.49	153	0.382	1	3.48	0.021	0.08	< .2	11.5	0.04	1.22	6	0.3	< .02	16.9	4	4	2
01PSC-319	668158	5720980	quartz-carbonate-altered rock; py	0.21	98.44	2.68	43.5	144	7.6	16.2	1100	3.45	0.9	< .1	21.6	0.6	531.9	0.09	0.07	0.06	23	3.28	0.1	4.6	12.1	1.3	263.6	< .001	5	0.55	0.035	0.34	0.5	4.3	0.05	0.07	5	0.2	0.13	1.1	24	4	6
01SHE-36	668108	5715257	hornfelsed chert; po	2.27	6.19	8.07	3.5	183	4	1.2	68	0.33	2.5	0.9	78.7	5.6	29.3	0.1	0.09	0.14	< 2	0.44	0.013	6.8	133.4	0.05	13.9	< .001	< 1	0.14	0.049	0.12	< .2	0.4	< .02	0.04	7	0.2	0.28	0.4	77	4	< 2
01SHE-302	687091	5721970	quartz-sulphide lens; ars, py, ga, sph, cpy	4.23	701.67	971.88	15987.5	59273	89.5	35	236	28.22	99999	0.3	448	< .1	4.6	449.04	108.09	259.29	< 2	0.25	0.001	0.8	17.8	0.03	13.8	< .001	< 1	0.03	0.001	0.01	2.6	< .1	0.1	13.28	126	88.9	2.51	0.7	810	2	2

Abbreviations:
ars-arsenopyrite; born-bornite; cpy-chalcopyrite; ga-galena; lim-limonite; mag-magnetite; mal-malachite; py-pyrite; po-pyrrhotite; sph-sphalerite

NOTES
Analysis of steel milled sample prepared by ACME analytical Ltd. : ARMS = Aqua regia digestion - ICPMS; FA = Lead fire assay-ICP finish; ACM = ACME Analytical, Vancouver