Camp - Freddie
104N/3W 670108

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – STREAM SILTS

B.C. GOLD SYNDICATE

NTS 104N/3W

SAMPLER Kapicki + Sidey

PROJECT Newex - Gold Bottom Creek

CREEK

DATE August 22, 23/81

AIR PHOTO NO. BC5617 - 120

SAMPLE NO.	VOLUME Width cm	VOLUME Depth cm	VELOCITY	Ph	TYPE OF SAMPLE	COLOUR	TEXTURE	% ORGANIC MATERIAL	PETROLOGY OF BEDROCK AND/OR FLOAT	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Au	ASSAYS As	ASSAYS Ag	
81 NXU201	75	10	mod.		silt	medium brown	fine	low	serpentine peridotite float	250 m from beginning of creek small creek	<10	4	0.1	
202			mod		silt	brown	fine	low	serpentine peridotite float	200 m from NXU 201 downstream small sand bar	<10	2	0.1	
203			slow		silty clay	grey brown	fine	moderate		in small meadow, 100 m downstream from NXU 202	<10	3	0.1	
204			mod.		silt	grey brown	fine clay	nil	serpentine float	100 m downstream from NXU 203	<10	2	0.1	
205			mod		silt	brown grey	fine clay	nil	serpentine float	100 m downstream from NXU 204	<10	2	0.1	
206		10	mod.		silt	dark brown	coarse	moderate		slimy algae in stream on rocks 100 m downstream from NXU 205	<10	3	0.1	
207		10	slow		gravely silt	brown	coarse	moderate	rusty qtz peridotite serpentine	100 m downstream from NXU 206 just up from camp	<10	3	0.1	
208	30	15	mod. to slow		silt	grey brown	fine & coarse	low	volcanics serpentine	on branch of creek off tributary to Gold Bottom creek.	<10	4	0.1	
209		8	mod to swift		silt clay	dark brown	coarse		intrusive serpentine	spruce and moss crowned	<10	2	0.1	
210	100	16	swift		silt	medium brown	medium grains	moderate	serpentine	grass and spruce	<10	9	0.1	
211		18	fast		silt clay	black brown	coarse	low	serpentine intrusive	about 200 m upstream from NXU 210	<10	10	0.2	
212			slow		silt	grey brown	medium		volcanics	near headwaters of main tributary right fork in stream	<10	3	0.1	
213			slow		clay	grey	coarse	moderate	volcanics	at fork of creek	<10	2	0.1	
214	60	15	mod.		silt	grey brown	coarse	moderate		100 m downstream from NXU 213	<10	1	0.1	
215			mod.		silt	brown	coarse to fine	low	volcanics	100 m downstream from NXU 214 lush vegetation	<10	2	0.1	
216			fast		silt	brown	very coarse	high	volcanics	100 m downstream from NXU 215	<10	4	0.1	
217			mod.		silt	grey brown	medium	nil		100 m down stream from NXU 216	<10	2	0.1	
218		15	slow		silt	brown	medium	low	volcanics serpentine	100 m downstream from NXU 217 small tributary flows into creek	<10	3	0.1	
219			slow		silt	brown	coarse	low	volcanics serpentine	100 m downstream from NXU 218	<10	3	0.1	
220			mod.		silt	brown	fine	low	quartz	high vegetation 100 m downstream from NXU 219	<10	2	0.1	

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GEOCHEMICAL DATA SHEET – STREAM SILTS

B.C. GOLD SYNDICATE

NTS 104 N/3W

CREEK

AIR PHOTO NO. BC 5617-120

SAMPLER Kapicki + Sidey + Masson

PROJECT Newex - Gold Bottom Creek

DATE August 23/81

SAMPLE NO.	VOLUME Width cm	VOLUME Depth cm	VELOCITY	Ph	TYPE OF SAMPLE	COLOUR	TEXTURE	% ORGANIC MATERIAL	PETROLOGY OF BEDROCK AND/OR FLOAT	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Au	ASSAYS As	ASSAYS Ag	
81 NXU 221	100	20	fast		silt	brown black	coarse to medium	nil		up tributary 300m downstream from NXU 220	<10	6	0.1	
222	120	15	fast		silt	brown black	coarse	low	volcanics serpentine	300m downstream from NXU 220	<10	2	0.1	
223		18	mod.		silt	brown	medium to coarse	low	volcanic outcrop	130m downstream from NXU 222 small tributary enters from east	<10	3	0.1	
224	150		mod		silt	brown	medium	nil		300m down stream from NXU 223	<10	3	0.1	
225			mod		silt	brown grey	fine to medium	high		250m downstream from NXU 229	<10	4	0.1	
226			mod.		silt	black brown	medium to coarse	high		steeper slope 300m downstream from NXU 225	<10	6	0.1	
227			mod		silt	brown	fine	nil	conglomerate	steep gravel slopes on creek sides 50m upstream from main tributary	<10	4	0.3	
228	narrow	15	mod.		silt	medium brown	medium	low		thick bush 250 m upstream from NXU 227	<10	4	0.1	
229	60	35	mod.		silt	brown black	coarse	low		300m upstream from NXU 228	<10	3	0.1	
230	100		fast		silt	brown	medium grains	moderate	serpentine	~~[illegible]~~ just downstream from camp (50m?)	<10	3	0.1	
81 NXU 4			mod		silt	black	coarse	moderate	serpentine		<10	3	0.1	
5			fast		silt	black brown	fine to coarse	moderate	serpentine		<10	5	0.1	
6			mod		silt	brown	coarse	moderate	~~[illegible]~~		<10	4	0.1	

F - SOILS
FT - TALUS SOILS

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

B.C. GOLD SYNDICATE

NTS 104N/3W

LINE

AIR PHOTO NO. BC 5617-120

SAMPLER D. KAPICKI / E. SIDEY

DATE AUGUST 22-3/81

PROJECT NEWEX - GOLD BOTTOM CREEK

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Part Size	% ORG.	Ph	SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Au	As	Ag
81-NX-FT	201	20cm	till	dark brown	fine-coarse	mod.		plateau	spruce moss buck brush	talus particles are mainly peridotite and greenstones?	<10	3	0.1
81-NX-FT	202	20	B	grey brown pink → mauve	clay pebbles	low		gentle slope	" in spots	Horizon profile as mentioned - taste what may be is - pinkish colour.	<10	7	0.1
81-NX-FT	203	20	till	grey brown	coarse pebbly	nil		mod. slope	"	fragmented serpentinite	<10	3	0.1
81-NX FT	204	15	till	rusty yellow brown	coarse grained	nil		top of slope	"	o/c of serpentinite / peridotite mainly	<10	2	0.1
81-NX-FT	205	20	till	dark brown	coarse grained	nil		gentle	"	may be contact material with ser/peto and intrusive.	<10	2	0.1
81-NX-FT	206	25	till	dark brown	coarse grained	nil		gently down.	"	coarse talus of serpentinite boulders.	<10	2	0.1
81-NX-FT	207	15	till	dark brown	coarse grained	nil		gently down	"	heavy particles of what we call gronophage intrusive on o/c.	<10	4	0.1
81-NX-FT	208	25	till	dark brown	coarse grained	nil		gentle	"	surface very rusty, mainly questionable greenstone rock	<10	3	0.1
81-NX-FT	209	25	till	light brown	clay	low		gentle down	mossy grass	- talus sample taken below ridge of supposed intrusive on the way to CB Creek. - mainly serpentinite	<10	4	0.1
81-NX-FT	210	10	till	dark brown	clay	nil		mod.	"	- rock is like intrusive and serpentinite.	<10	3	0.1
81-NX-FT	211	15	till	dark brown	sandy clay	nil		plateau	"	on o/c of volcanics veined with qtz. - rusty boulders.	<10	15	0.1
81-NX-FT	212	15	till	dark brown	med-sandy clay	low		uphill side	mossy	- talus at middle of black / red chert at mouth of Cooled Bottom Creek.	<10	6	0.1
81-NX-FT	214	20	till	rich brown	coarse grained clay	nil		plateau on ridge top	moss	- rocks predominantly qztiles (weathered), serpentinites, volcanics	<10	3	0.1
	213	5	till	rusty brown	coarse grained	nil		plateau	moss	taken from volcanic o/c, very rusty.	<10	4	0.1
81-NX-F	201	5	B	rusty brown	clay sand	nil		mod. slide	no veg.	distinct profile ① brown till 2cm ② rusty brown 3cm ③ blue-grey unclifinite	<10	11	0.2
81-NX-F	202	15	B	rusty brow	"	"		"	"	Profile ① grey surface 3cm ② serpentinite/peridotite green pebbly 5 ③ rusty brown.	<10	3	0.3
81-NX-F	203	20	till	dark brown	coarse grained	low		"	sparse	Between CB Creek and 3rd Branch tributary - round to med. boulders, near rusty talus flow	<10	7	0.1
81-NX-F	204	20	till talus	rusty brown	med.-coarse	low		mod. slide	trees sparsely	- side of CB Creek near volcanic o/c.	<10	3	0.1

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

B.C. GOLD SYNDICATE

NTS 104N/3W

LINE

AIR PHOTO NO. BC 5617-120

SAMPLER Masson

DATE August 22-23

PROJECT Newex · Gold Bottom Creek

SAMPLE NO.	LOCATION	Depth cm	Horiz	DESCRIPTION Colour	Part Size	% ORG.	Ph	SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Au	As	Ag
81 NXF 9		20	A	brown	clay sand	low		gentle			10	4	0.1
10		25	A	dark brown	clay	moderate		mod			<10	4	0.1
11		20	A	medium brown	clay sand	mod		gentle			20	5	0.1
12		30	A	dark brown	sandy clay	low		moderate			10	3	0.4
13		26	A	brown	sandy	mod		moderate			<10	3	0.1
14		20	A	light brown	sandy clay	high		gentle			10	3	0.1
15		25	A	rusty brown	clay silt	low		moderate			<10	5	0.1
16		20	A	medium brown	sandy clay	mod.		gentle			<10	3	0.1
17		20	A	brown	sandy clay	mod.		gentle			<10	3	0.1
18		25	A	dark brown	clay	mod.		moderate			<10	5	0.1
19		28	A	brown	clay sand	low		steep			<10	5	0.1
20		20	A	brown	sand clay	low		moderate			<10	5	0.1
21		24	A	brown	coarse sand	low		moderate			<10	5	0.1
22		25	A	rusty brown	sandy clay	mod		steep		taken in gausen area	<10	7	0.1
23		20	A	rusty brown	clay sand	mod		steep		taken in gausen area	<10	10	0.3

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

B.C. GOLD SYNDICATE

NTS 104-N / 3W

SAMPLER D. KAPICKI / E. SIDEY / M. Maxson PROJECT NEWEX - GOLD BOTTOM CREEK LINE

DATE AUGUST 22/1981 AIR PHOTO No. BC - [redacted] 5617 #120

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH	TRUE WIDTH	ASSAYS Au.	As	Ag	Cu
(1)	32807-C	East of camp on small ridge other side of cr.	conglomerate	weathered	nil		very coarse pebbles - o/c on entire hillside			10		0.2	39
(2)	32802-C	75 yds E. of other sample	fine grained greenish black (volcanic)		calcite and qtz. veining		in o/c.			<10		0.7	130
(3)	32803-C	E. of above in boulder cliff outcrop	greenstone greasy rock		calcite and qtz. veining		in o/c.			<10		0.1	33
(4)	32804-C	below outcrop from above.	serpentinized peridotite float	weathered	azurite and bornite		in float, but nicely mineralized.			10		2.0	9500
(5)	32805-C	Eastward of above sample	intrusive? white with hornblende mafics	mafics vary in size and quan	nil		in huge o/c			<10		0.1	49
(6)	32806-C	same area as above.	coarse-grain intrusive-green with mafics.	mn. staining	nil		seems to be an alteration from the above intrusive.			<10		0.1	24
(7)	32807-C	same as above area	conglomerate	rusty weathered	nil		found in intrusive area as float.			<10		0.1	24
(8)	32808-C	Northward-above inplated of big o/c.	med. grained intrusive white/mafics	rusty; weathered mn staining	nil		small outcrop on surface.			<10		0.1	34
(9)	32809-C	in same pletau N-ward of above.	peridotite with intrusive.	mn staining	qtz. veining		in small o/c.			10		0.1	70
(10)													
(11)	73680-B	S-W of camp valley	o/c of f.g. phenc. black & wh. intrusive		nil		possibly aluskite.			<10		0.1	5
(12)	73681-B	"	bar. & wh. quartzite serpentinite		nil					10	5	0.1	2
(13)	73682-B	N. end of air photo	gossans.	very rusty (red-rusty)	qtz. veins abundant		[illegible] large, no visible mineralization			20	9	0.1	
(14)	73683-B	S. end of air photo	gossan volcanics as well.	rusty, same as above	" " ~~nil~~		" " screened up rocks.			<10	11	0.1	
(15)													
(16)													
(17)													
(18)													
(19)													
(20)													

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

B.C. GOLD SYNDICATE

NTS 104N/3W

SAMPLER Hughes

DATE Aug. 27/81

PROJECT NEWEX West Mt. OKEEFE

LINE

AIR PHOTO No.

	SAMPLE NUMBER	~~LOCATION~~	Host ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	~~ADDITIONAL REMARKS~~ Location	APPARENT WIDTH	TRUE WIDTH	ASSAYS Au.	As.	Ag	Cu
(1)	67732B		serpentinite	- rusty qtz - carb. replacement - drusy qtz veining - similar to pt. 67733B			- float sample - SW end of Valley E of camp cirque			<10	14	0.1	4
(2)	67733B		serpentinite	- rusty qtz - carb. replacement - drusy chert veining - pyramidal qtz crystals			- float sample - SW end of str. valley E of camp cirque			<10	11	0.1	4
(3)	67734B		serpentinite	- rusty qtz - carb. replacement breccia frags in drusy qtz veining - chert veining - pyramidal qtz crystals			S end of ridge - SSW of camp cirque			<10	9	0.1	3
(4)	67735B		blk peridotite	- drusy qtz veining crosscutting host			- in boulder-gulley S of stream - below bright rusty orange gossan W of camp cirque			10	6	0.1	7
(5)	67736B		serpentinite	- lt. blue drusy qtz veining crosscutting rusty qtz - carb. replacement			- same location as 67735B			10	15	0.1	3
(6)	67737B		blk peridotite	- 5cm massive wht. opaque partly rusty qtz veining			- more southerly tributary of Gold Bottom Cr. flowing out of the valley east of camp cirque			<10	9	0.1	33
(7)	67738B	~~[illegible]~~	blk peridotite	- massive opaque wht. partly drusy qtz veining			ridge W of Mt. OKEEFE - float sample			<10	5	0.1	33
(8)	67739B		peridotite	- green and buff brown qtz - carb. replacement - drusy qtz veining			- bright rusty orange gossan on side of ridge ~ 6km SW of camp cirque			<10	5	0.1	8
(9)	67740B		greenstone	- 5cm massive opaque wht qtz veining - green epidote		075/90	- large boulder - bottom part of E end of ridge 3km SW of camp cirque			<10	5	0.1	4
(10)	67741B		peridotite	- fine sugary lt. rusty orange qtz veining crosscutting rusty qtz - carb. replacement.		080/90	- NW corner of plateau area W of camp cirque			<10	25	0.1	3
(11)													
(12)													
(13)													
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