J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

672338

B.C. GOLD SYNDICATE

NTS 93F 14 W

SAMPLER DON GUGLIELMIN & B. FRASER

PROJECT TARGET - BINTA LAKE AREA

LINE

DATE JUNE 29 1980

AIR PHOTO No.

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH / TRUE WIDTH	ASSAYS Au.	As.	Sb.	
(1)	80774	~700M NW OF 77TAC107	medium green, aphanitic dacite?	epidote lining fractures	traces of chalco, pyrite, and graphite?							
(2)												
(3)	80775	475m downstream FROM 80TAW37	very lt grey rhyolite? qtz-feldspar porphory				TAKEN NEAR CONTACT WITH MASSIVE ANDESITE					
(4)												
(5)	80776	690m DOWNSTREAM FROM 80TAW37	PALE GREEN TECTONIC		CALCITE FILLING FRACTURES		POSSIBLE FAULT ZONE					
(6)			breccia (dacitic?)									
(7)												
(8)												
(9)												
(10)												
(11)												
(12)												
(13)												
(14)												
(15)												
(16)												
(17)												
(18)												
(19)												
(20)												

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – STREAM SILTS

B.C. GOLD SYNDICATE

NTS 93 F 14 WEST

SAMPLER DON GUGLIELMIN AND BRYAN FRASER

PROJECT TARGET – BINTA LAKE AREA

CREEK

DATE JUNE 29th 1980

AIR PHOTO NO.

SAMPLE NO.	VOLUME Width M	VOLUME Depth CM	DRAINAGE	Ph	TYPE OF SAMPLE	COLOUR	TEXTURE	% ORGANIC MATERIAL	PETROLOGY OF BEDROCK AND/OR FLOAT	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Pb	ASSAYS Zn		
BOTAW37	.45	2	very slow		BOTTOM & BANK	brown-grey	COARSE SAND	20%	assorted subrounded cobbles	- POOR SAMPLE - STREAM IS JUST A TRICKLE				
BOTAW38	1.5	0	DRY		BOTTOM	grey brn	COARSE SAND & SILT	<10%	MASSIVE ANDESITE WITH EPIDOTE OTC WITH FRACTURES	trending 95° & near vertical				
BOTAW39	.60	5	very slow		BOTTOM	brn grey	COARSE SAND	15%	- NO OTC - ASSORTED COBBLES	POOR SAMPLE				

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

B.C. GOLD SYNDICATE

NTS 93 F 14W

LINE

AIR PHOTO NO.

SAMPLER DON GUGLIELMIN & B. FRASER

DATE June 30th 1980

PROJECT TARGET BTA GRID

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Part Size	% ORG.	Ph	SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Au	As		
ON 20E	0 M	20	C	med. brn	gravelly clay	slightly		gentle	cleared	- logging platform on bench (cleared area) - angular andesite cobbles				
19E	83 M	25	C	lt. brn	SANDY SILT	" "		" "	" "					
18E	200 M	20		med. brn	SANDY SILT CLAY	" "		gentle to east	" "					
17E	300 M	25	C	lt brn	Pebbly SILT	" "		" " TO SE	" "					
16E	400 M	20	B?	orange-brn	gravelly SILT			FLAT RIDGE	" "	andesitic cobbles & near otc of lt grey dacite?				
15E		25	B?	lt brn	Pebbly SILT	" "		" "	" "	andesitic cobbles				
14E		30	B	lt brn	SANDY SILT	" "		gentle North SLOPE	Pine & balsam	good soil horizon development, 2cm A_2				
13E	700 M	25	B?	" "	" "	moderately		" "	open pine	on subotc of qtz porphyry rhyolite				
12E	800 M	25	B?-C	yellow-brn	" "	slightly		gentle to SW	" "	small angular cobbles of andesite poor soil dev.				
11E	900 M	20	B	med. brn	" "	" "		moderate to SOUTH	" "	- angular andesitic pebbles - NO A_2, fair soil dev.				
10E	1000 M	30	C	" "	cobbly SILT	" "		gentle to SOUTH	" "	- 10cm organic layer - angular andesitic cobbles				
9E	1100 M	30	B	" "	SILTY CLAY	" "		" "	logged clearing	25cm A_1 organic layer.				
8E	1200 M	25	B?	" "	SANDY CLAY	" "			" "	lt grey feldspar ppy rhyo dacite? float				
7E	1300 M	25	B	" "	" "	mod.		Mod to SW	" "	mag readings fluctuating by 160 γ at this station				
6E	1400 M	20	B?-C	lt brn	Pebbly CLAY	mod.		gentle to east	CLEARED	Poor soil hor. dev.				
5E	1500 M	30	B?C	yellow brn	SANDY CLAY	mod.		gentle to North	" "	" "				
4E	1600 M	30	B	lt brn	SILT CLAY	" "		~~mod to gentle to West~~	open pine	1cm A_2, fair soil dev.				
3E	1700 M	25	B? C	med. brn.	PEBBLY CLAY	SLIGHTLY		moderatly to gentle to west		sub otc of qtz k.spar rhyolite				
2E	1800 M	30	B? C	lt. brn	SANDY SILT	" "		gentle to West	CLEARED	Poor soil dev.				
1E	1900 M	25	MIXED	grey-brn	cobbles pebbly clay			" "		angular andesitic cobbles				

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

B.C. GOLD SYNDICATE

NTS 93F 14W

LINE

AIR PHOTO NO.

SAMPLER DON GUGLIELMIN & B. FRASER

DATE JUNE 30th 1980

PROJECT TARGET – BTA GRID

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION: Colour	Part Size	% ORG.	Ph	SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS: Au	As		
0N 0E		MIXED A-C 20		lt brn	gravelly CLAY	mod-		nearly flat	cleared	Poor sample, trenched area				
0E 1N		20	B	red-brn	sand CLAY	<10%		0°	pine	1-2 cm A_2, well dev. horizons.				
0E 2N		30	Poor B	drk brn	CLAY	15%		0°	spruce					
3N 0E	0 M	30	B	med-brn.	Pebbly CLAY	10%		0°	spruce	Poor soil dev.				
1E	97 M	25	C	med gray	Pebbly CLAY	<10%		0°	spruce, pine	" "				
2E	192 M	25	C	" "	" "	" "		5° SE	pine	10 cm A_1 but poorly dev. horizons				
3E	285 M	25	C	" "	" " (hardpan)	10%		5° W	open pine	5 cm A_1, 1 cm B				
4E	410 M	25	C	Med-gray-brn	" "	" "		0°	BALSAM - spruce - pine					
5E	500	25	C	Med. gray-brn	" "	" "		0°	" "	No B, poor soil hor. dev. 1 cm A_2				
6E	600	23	B	lt brn	Pebbles SAND CLAY	10%		5° S		- angular rhyolite cobbles - well dev. horizons 3 cm A_1 2 cm A_2				
7E	700	22	C	lt grey brn	Pebbly CLAY	<10%		5° SW	spruce pine	angular medium green andesite pebbles and angular qtz ppy rhyolite pebbles				
8E	795	22	B	lt brn	ANGULAR GRAVEL & CLAY			10° SW	BALSAM spruce PINE	- angular rhyolitic pebbles 2 cm A_1 2 cm A_2				
9E	900	20	B	med. brn	" "			0°	open balsam & pine	sample taken just above a lt. brn "C"				
10E	1000	23		" "	" "	10%		10° S	BALSAM spruce	- angular cobbles of rhyolite and andesite - angular rhyolitic breccia not yet seen in otc.				
11E	1100	25	B	lt brn	SAND CLAY	10%		0°	open pine	on sub otc of rhyolite on top of a hill				
12E	1200	35	B	lt brn	Subrounded gravel clay	10%		5° SE	" "	well dev. horizons, 5 cm A_1, 10 cm A_2				
13E	1300	20	C	Med-grey	Pebbles CLAY			5° E	spruce balsam	8 cm A_1, poor soil dev.				
14E	1400	25	B	red brn	" "	10%		0°	" "	well dev horizons, 7 cm A_2				
15E	1495	20	B	" "	Angular gravel CLAY	<10%		0°	BALSAM spruce PINE	- Poor soil dev. ~ 1/2 cm A_2 - andesite frags				
16E	1605	23	B	lt brn	Pebbles CLAY SAND	15%		0	pine balsam	well dev. horizons 3 cm A_2 Near otc of dacite				

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

B.C. GOLD SYNDICATE

NTS 93F 14W

LINE

AIR PHOTO NO.

SAMPLER DON GUGLIELMIN & B. FRASER

DATE June 30th 1980

PROJECT TARGET BTA GRID

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Au	As		
3N 17E	1700	23	C	lt grey brn	GRAVEL & CLAY	10%		5° SE	PINE	Poor soil ~~Hor~~ dev.				
3N 18E	1800	25	B-C	Med. brn	Gravel CLAY	10%		40° S		on top of andesite etc, on slope ~~towards~~ by creek				

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – STREAM SILTS

B.C. GOLD SYNDICATE

NTS 93 F 14 W

SAMPLER DON GUGLIELMIN

PROJECT TARGET - BINTALAKE AREA

CREEK

DATE JULY 1st 1980

AIR PHOTO NO.

SAMPLE NO.	VOLUME		DRAINAGE	Ph	TYPE OF SAMPLE	COLOUR	TEXTURE	% ORGANIC MATERIAL	PETROLOGY OF BEDROCK AND/OR FLOAT	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
	Width	Depth									Pb	Zn		
BOTAW 90	.5 M	5 cm	very slow		BOTTOM	brn grey	FINE SAND & SILT	little	various float	including subangular qtzppy and Kspar ppy.				

J.C. STEPHEN EXPLORATIONS LTD.

B.C. GOLD SYNDICATE

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

NTS 93F 14W

SAMPLER DON GUGLIELMIN

LINE

PROJECT TARGET - BTB GRID

DATE JULY 2ND 1980

AIR PHOTO NO.

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Part Size	% ORG.	Ph	SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Au	As		
100N 100E		25	C	med. brn	SAND SILT	<10%		0°	Cleared	BY A CREEK				
99E		25	B	orange brn	SAND SILT PEBBLES	" "		" "	" "	4cm Az, good soil horizon development				
98E		30	MIXED	ltyellow-brn	SILT SAND	" "		5°S	" "	Poor soil dev.				
97E		30	C	lt brn	SILT CLAY	<10%		5°SE	" "					
96E		20	B	orange-brn	SILT CLAY PEBBLES	10%		5°S	" "	2cm Az				
95E		25	C	lt grey	SILT, PEBBLES COBBLES	10%		5°SE	PINE	Angular rhyolite cobbles				
94E		25	B	ltyellow-brn	SILT CLAY	<10%		5°SE	ALDERS AND SMALL PINE	4cm Az, good soil hor. dev.				
93E		30	B	mod. brn	SILT CLAY PEBBLES	10%		5°SW	PINE					
92E		20	B	lt brn	" "	" "		0°	Spruce & ALDERS	rounded, assorted pebbles				
91E		30	B	lt brn	SILT PEBBLES	<10%		0°	WIDE OPEN POPLARS	Subrounded andesite cobbles				
90E		20	B	lt brn	CLAY SILT PEBBLES	10%		5°SE	" " AND SPRUCE					
89E		25	C	grey	SILT COBBLES	<10%		30°SE	CLEARED	-2cm Az & 2cm B -rhyolitic BRECCIA COBBLES				
88E		20	C	lt brn grey	SILT GRAVEL	10%		20°SE	CLEARED	-POOR SOIL DEVELOPMENT -RHYOLITIC COBBLES				
87E		25	C	MED brn	" "	15%		" "	SMALL POPLARS	angular andesitic TUFF cobbles				
86E		25	B?	" "	GRAVEL SILT	10%		10°SE	" "	-on top of andesitic tuff ~15cm organic layer than sampled region				
85E		15	C	" "	COBBLES SILT	" "		5°S	Natural MEADOW ON SLOPE	andesitic, ~~cobbl~~ cobbly andesitic tuff otc				
84E		20	C	" "	SILT GRAVEL COBBLES	<10%		10°S	" "	BLEACHED, ANGULAR, ANDESITE & TUFF COBBLES				
83E		25	B	lt brn	" "	15%		5°SW	" "					
82E		25	B	lt brn	CLAY SILT	10%		5°W	WIDE OPEN SPRUCE					
81E		25	B?	lt brn	SILT	15%		10°E	" "					
80E		15	C	lt brn	SILT & COBBLES	10%		5°SW	WIDE OPEN PINE	ON TOP OF HORNBLENDE RHYODACITE OTC SPECIMEN # BF 80-7-2-1				

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

B.C. GOLD SYNDICATE

NTS 93F 14W

SAMPLER D. GUGLIELMIN & B. FRASER

PROJECT TARGET - BINTA LAKE AREA

LINE

DATE JULY 3rd 1980

AIR PHOTO No.

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH	TRUE WIDTH	ASSAYS Au. ppb	As.	~~Sb.~~ Ag	
(1)	80777	ON ROAD TO NW CORNER OF MAP SHEET	BLEACHED, SILICIFIED RHYOLITE	IRON & MANGANESE STAINING	DISSEMINATED PYRITE		HAS CAVITIES LINED WITH SMALL QTZ XTALS, FLOW BANDING			160	9	1.8	
(2)	80778	" "	" "	" "	" "		PINK AND GREEN FLOW BANDING			<10	5	0.1	
(3)	80779	" "	" "	" "	" "		COARSLY spherolitic with AMYGDULES UP TO 5 cm long FLOW BANDED			<10	3	0.1	
(4)	80780	" "	" "	LT PINKY GREEN FELDSPARS → CLAY						<10	5	3.4	
(5)	80781	" "	FINE GRAINED "QUARTZ EYE" GRANITE	FRACTURED & rusty IRON AND MANGANESE STAINING	HEMATITIC (FROM PYRITE?) HEMATITIC					<10	1	0.1	
(6)													
(7)													
(8)													
(9)													
(10)													
(11)													
(12)													
(13)													
(14)													
(15)													
(16)													
(17)													
(18)													
(19)													
(20)													

J.C. STEPHEN EXPLORATIONS LTD.

B.C. GOLD SYNDICATE

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

SAMPLER: B. FRASER

DATE: JULY 2 /80

PROJECT: BINTA REGIONAL

NTS: 93 F / 14 W

LINE: 97N – BTB GRID

AIR PHOTO NO.:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Part Size	% ORG.	Ph	SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Au	As	Ag	
97N	80E	20	B-C	H. bn.	gravelly ~~sandy~~ clay	mod		mod. west.	pine	residual above pale gy-gn rhyodacite? 3 cm. A_2.				
	81E	25	B-C	tan	gravelly sandy clay	mod		gentle.	pine	angular rhyolite cobbles.				
	82E	28	B-C	H. bn.	gravelly clayey silt.	mod		flat	pine	angular rhyolite cobbles.				
	83E	30	B-C	tan	clayey sand	mod		gentle east	pine	angular rhyolite pebbles.				
	84E	33	B-C	H. bn	sandy clay	mod		gentle east	pine.	1 cm. A_2,				
	85E	28	B-C	H. bn.	gravelly clayey sand	mod		flat	pine	above H. gy 'C', ~~south~~ ridge above E-W gully,				
	86E	23	C	H. gy	gravelly clay	slight		gentle south.	poplar, pine	poorly dev. hor.				
	87E	28	B	med bn	clay	mod		gentle hummocky south.	poplar, pine					
	88E	25	B	med. bn	gravelly clay	mod.		mod. SE	poplar					
	89E	30	B	med. bn.	clay	mod.		gentle SE	poplar	2 mm A_2				
	90E	22	C	H. gy bn	gravelly clay	slight		mod. south	poplar					
	91E	25	B-C	med bn.	gravelly clay	mod.		mod. south.	fir, lodgepole	5 cm. A_2				
	92E	35	A	bk. bn.	clay	strong		flat	alder	poor sample				
	93E	30	B.	H. bn	gravelly sand.	mod.		flat.	poplar	2 cm A_2.				
	94E	33	A & C	H. gy bn + dk. bn	gravelly clay	strong		flat	poplar					
	95E	20	C	H. gy	gravelly sand	slight.		flat, hummocky	logged, small poplar					
	96E	30	B	H. bn.	clayey sand	mod.		flat, hummocky	road cut.	logged area, small poplars				
	97E	23	C	tan.	gravelly clay	slight.		gentle east.	logged	1 cm. A_2				
	98E	23	B-C	H. bn	gravelly clayey sand	mod.		gentle north.	pine	angular dacite? pebbles. .5 mm A_2				
	99E	30	B	H. bn	clayey sand.	mod.		gentle north	pine, fir.	2 cm A_2, well dev. hor				

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

B.C. GOLD SYNDICATE

NTS 93 F / 14W

SAMPLER B. FRASER

LINE BTB GRID – 97N

PROJECT BINTA REGIONAL

DATE JULY 2 /80

AIR PHOTO NO.

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Au	As		
97N	100E	30	B	lt. red bn.	Clayey sand	mod.		gentle north.	logged	well dev. hor., 1 cm A_2				

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – STREAM SILTS

B.C. GOLD SYNDICATE

NTS

CREEK

AIR PHOTO NO.

SAMPLER DON GUGLIELMIN

PROJECT TARGET BINTA LAKE AREA

DATE 06/07/80

SAMPLE NO.	VOLUME Width M	VOLUME Depth CM	DRAINAGE	Ph	TYPE OF SAMPLE	COLOUR	TEXTURE	% ORGANIC MATERIAL	PETROLOGY OF BEDROCK AND/OR FLOAT	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Pb	ASSAYS Zn		
80TAW41	.45	8	slow to mod.		BOTTOM	BROWN	SILT	very		POOR SAMPLE ON TRIBUTARY TO MAIN STREAM				
80TAW42	.75	15	FAST		" "	grey	SILT & FINE SAND	little	angular pyritized rusty rhyolite cobbles	good sample				
80TAW43	1.5	15	mod to FAST		" "	grey-brn	" "		assorted subrounded cobbles	" "				
80TAW44	1.0	15	FAST		" "	" "	" "	slightly	" "	" "				
80TAW45	1.0	15	" "		HIGH WATER BOTTOM	" "	" "	little	" "	" "				
80TAW46	1.5	10	FAST-MOD		BOTTOM	" "	MED. SAND AND SILT	" "	large rounded cobbles of ANDESITE Agglomerate → AND SMALLER ~~SUBROUNDED~~ ANGULAR COBBLES OF PYRITIZED acidic lapilli tuff	excellent sample				
80TAW47	1.5	15	" "		" "	grey	FINE SAND & SILT	" "	assorted ← SOME SUBROUNDED COBBLES OF SILICIFIED VOLCANIC BRECCIA, WHITE ACID FRAGS IN A SILICIFIED, PYRITIZED MATRIX # 73467					
80TAW48	2.0	10	" "		" "	" "	" "	" "	assorted	excellent sample				
80TAW49	1.0	10	FAST		" "	" "	" "	" "	" " rnded	" "				
80TAW50	2.0	10	FAST to MOD.		" "	grey brn	" "	SLIGHTLY ~~PATCHY~~	ACROSS FROM	OTC OF RUSTY RHYOLITE				
80TAW51	1.0	8	" "		HIGH WATER BOTTOM	" "	" "	MODERATELY	DOWNSTREAM	~100M FROM RUSTY RHYOLITE OTC				
80TAW52	1.0	10	MOD.		BOTTOM	grey	" "	LITTLE	assorted					
80TAW53	1.5	8	MOD TO FAST		HIGH WATER BOTTOM	" "	" "	" "	" "					
80TAW53	1.5	8	" "		" "	brn - grey	" "	MODERATE						
80TAW54	.60	8	MOD		BOTTOM	" "	" "	" "						
80TAW55	2.0	8	" "		" "	grey	" "	LITTLE	gravel, NO LARGE COBBLES	excellent sample				
80TAW56	.75	8	" "		" "	" "	" "	" "		" "				
80TAW57	.30	10	SLOW		BOTTOM AND BANK	drk brn	" "	ORGANIC	NO FLOAT	TAKEN FROM VERY SLUGGISH CREEK WHICH IS TRIBUTARY OF MAIN ONE - POOR SAMPLE				
80TAW58	1.0	30	very slow		BOTTOM		SILT AND CLAY	very ORGANIC	" " ("LOON SHIT")	" " - POOR SAMPLE				

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – STREAM SILTS

B.C. GOLD SYNDICATE

SAMPLER: DON GUGLIELMIN

PROJECT: TARGET BINTA LAKE AREA

NTS:

CREEK: 93F 14W

DATE: JULY 7th 1980

AIR PHOTO NO.:

SAMPLE NO.	VOLUME Width M	VOLUME Depth CM	DRAINAGE	Ph	TYPE OF SAMPLE	COLOUR	TEXTURE	% ORGANIC MATERIAL	PETROLOGY OF BEDROCK AND/OR FLOAT	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Pb	ASSAYS Zn		
80TAW59	.60	1	JUST A TRICKLE		BOTTOM	BROWN	COARSE SAND & SILT	ORGANIC	MOSTLY SMALL	SUB ANGULAR RHYOLITIC FLOAT -POOR SAMPLE				
80TAW60	.50	4	VERY SLOW		BOTTOM	BEIGE	SILT (MUDDY)	" "	SMALL ANGULAR RHYOLITIC COBBLES (JUST A FEW)	-POOR SAMPLE				
80TAW61	.50	4	very slow		BOTTOM	grey brn	SILT AND FINE SAND	" "		FAIR SAMPLE				
80TAW62	.60	2	very slow		" "	drk Brn	SILT	very organic	NO FLOAT	POOR SAMPLE				
80TAW63	.40	1	JUST A TRICKLE		" "	drk grey	SILT	" "	DRK grey qtz	porphory with biotite (ANGULAR COBBLES) Specimen # DG 80-7-7-1 -POOR SILT SAMPLE (IN SWAMPY AREA)				

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – STREAM SILTS

B.C. GOLD SYNDICATE

NTS 93 F 14W

SAMPLER DON GUGLIELMIN

PROJECT TARGET BINTA LAKE AREA

CREEK

DATE JULY 8th 1980

AIR PHOTO NO.

SAMPLE NO.	VOLUME Width M	VOLUME Depth CM	DRAINAGE	Ph	TYPE OF SAMPLE	COLOUR	TEXTURE	% ORGANIC MATERIAL	PETROLOGY OF BEDROCK AND/OR FLOAT	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Pb	ASSAYS Zn		
80TAW63	1.0	10	MOD TO FAST		BOTTOM	grey brn	MEDIUM SAND & SILT	little	ASSORTED SUBANGULAR COBBLES	good SAMPLE				
80TAW64	.60	5	MOD		BOTTOM	" "	FINE SAND & SILT		" "					
80TAW65	1.0	8	MOD		" "	" "	" "	MODERATELY	JUST UPSTREAM OF otc OF glassy BASALT WITH MINOR RHYOLITE DIKE					
80TAW66	.30	8	SLOW		" "	MEDIUM BROWN	" "	ORGANIC	medium sized	subrounded basic flow cobbles				
80TAW67	.45	6	" "		" "	" "	" "	" "	SMALL	"				
80TAW68	.40	3	" "		" "	lt brn	" "	" "	"	" AND qtz porphory cobbles				
80TAW69	.30	5	" "		" "	drk brn	SILT	VERY ORGANIC	NO FLOAT BUT	ONE MEDIUM SIZED SUBANGULAR COBBLE OF ANDESITIC AGGLOMERATE WITH MINOR WHITE CHERT FRAGS, CHLORITE, EPIDOTE, PYRITE, AND TRACES OF CHALCO. BF 80-7-8-1				
80TAW70	.30	8	MOD		" "	Med. brn	COARSE SAND AND SILT	ORGANIC	small, subangular ANDESITE COBBLES	- FAIR SAMPLE				
80TAW71	1.0	6	MOD		" "	brn - grey	" "	SLIGHTLY						
80TAW72	.45	6	MOD		" "	" "	MEDIUM SAND AND SILT	LITTLE		Good SAMPLE				
80TAW73	.60	7	MOD		" "	" "	" "	SLIGHTLY		" "				

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – STREAM SILTS

B.C. GOLD SYNDICATE

NTS 93F 14W

SAMPLER Don GUGLIELMIN

PROJECT TARGET BINTA LAKE AREA

CREEK

DATE JULY 9th 1980

AIR PHOTO NO.

SAMPLE NO.	VOLUME Width M	VOLUME Depth CM	DRAINAGE	Ph	TYPE OF SAMPLE	COLOUR	TEXTURE	% ORGANIC MATERIAL	PETROLOGY OF BEDROCK AND/OR FLOAT	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Pb	ASSAYS Zn		
80TAW74	.30	5	very slow		BOTTOM	drk brn	SILT	very ORGANIC	SOME ANGULAR ANDESITIC COBBLES					
80TAW75	.45	6	MOD		" "	brn -grey	MEDIUM SAND AND SILT	SLIGHTLY		good SAMPLE				
80TAW76	.40	6	very slow		BOTTOM	drk brn	FINE SAND & SILT	very organic	NO FLOAT	very POOR SAMPLE				

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

B.C. GOLD SYNDICATE

NTS 93F 14W

SAMPLER DON GUGLIELMIN & B. FRASER

PROJECT TARGET BINTA LAKE AREA

LINE

DATE JULY 9th 1980

AIR PHOTO NO.

SAMPLE NO.	LOCATION	Depth (CM)	Horiz	DESCRIPTION Colour	Part Size	% ORG.	Ph	SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Au	As		
80TAC	2001	25	C	lt grey	gravel clay	MOD.		0°	MATURE BALSAM	AND SPRUCE				
	2002	27	B	red-brn	SANDY CLAY	MOD:		5°N	"	" well dev. horizons, 3 cm Az				
	2003	30	B	" "	CLAY SAND gravel	" "		0°	BALSAM ~~PINE~~ AND PINE	- 10 cm Az - ANGULAR, PYRITIZED RHYOLITE COBBLES				
	2004	32	B-C	Med brn	gravel SILT	" "		10°W	" "	POORLY DEV. hor. SMALL, RUSTY, ANGULAR RHYOLITE COBBLES				
	2005	30	B	" "	SILT AND COBBLES	little		0°	" "	SMALL COBBLES OF SUBANGULAR ANDESITE WITH VESICULES LINED WITH SILICA ~~- 10 cm Az~~				
	2006	20	B	RED-BRN	SILT CLAY COBBLES	MOD		0°	OPEN PINE	ON TOP OF RIDGE - lt grey silicified, flaw banded rhyolite cobbles, SMALL & ANGULAR				
	2007	25	B	lt red brn	SANDY CLAY	MOD		5°NW	spruce balsam PINE	Some small angular cobbles of silicified ANDESITE? - 2 cm Az, fair soil hor. dev.				
	2008	18	B	" "	SILT & COBBLES	MOD		5°S	PINE AND BALSAM	Angular qtz eye rhyolite cobbles				
	2009	30	B	lt brn	SAND CLAY	" "		0°	PINE	2 cm Az, thick A1				
	2010	25	B-C	TAN	gravel clay SAND	" "		10°SE	spruce PINE balsam	poor dev. hor. very weak Az, mature balsam spruce & pine				
	2011	28	C	lt grey	Rebbly clay	slight		0°	open PINE					
	2012	20	B	orange brown	SILT COBBLES	little		0°	open spruce AND PINE	Many angular silicified andesite cobbles and some subangular rhyolite cobbles				
	2013	25	B	orange brown	SILT SAND PEBBLES	Mod.		0°	open PINE	5 cm Az, good soil hor. dev.				
	2014	25	B	lt brn	CLAY SAND COBBLES	mod		0°	SMALL WIDE OPEN PINE	10 cm Az, angular rhyolite cobbles				
	2015	25	B	" "	SILT	little		5°SW	PINE	5 cm Az, good soil dev.				
	2016	25	WEAK B	Med. brn	SAND CLAY	slightly		10°W		fair soil hor. dev.				
	2017	30	B	" "	SILT SAND CLAY	little		5°NW	lodgepole ~~PINE~~	1 cm Az ~10 m from logging clearing				
80TAC	2018	20	B	" "	" "	little		0°	Cleared	IN LOGGING CLEARING NEAR ROAD "A" IS MIXED UP BUT "B" LOOKS OKAY				

~~OFFICE~~ COPY
FIELD

CHEMEX LABS LTD.

212 Brooksbank Avenue
North Vancouver, B.C., Canada V7J 2C1

Tel: 985-0648
Telex: 435-52547

SAMPLE SHIPMENT NOTICE

From : BRYAN FRASER P.O. BOX 2011 VANDERHOOF B.C.

Date shipped : JULY 11th 1980

Via : GREYHOUND COLLECT

Results to : B. FRASER P.O. BOX 2011 VANDERHOOF B.C.
AND J.C. STEPHEN TELEX AS ARRANGED PREVIOUSLY

Charge :
J.C STEPHEN EXPLORATIONS

Please indicate

Assay (%)	
Geochem (PPM)	✓

Sample No.	Location	Type	~~Mo~~ Au	~~Cu~~ Ag	~~Pb~~ As	Zn	Ag
80TAW41 to 80TAW76	BINTA LAKE AREA	SILTS	✓	✓	✓		
80TAC2001 to 80TAC2018	" "	SOILS	✓	✓	✓		
73467 to 73470	~~ROCK~~	ROCK	✓	✓	✓		
80782	~~ROCK~~	ROCK	✓	✓	✓		

J.C. STEPHEN EXPLORATIONS LTD.

B.C. GOLD SYNDICATE

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

NTS 93F 14W

LINE ~~93F 14W~~

AIR PHOTO NO.

SAMPLER DON GUGLIELMIN

DATE JULY 13th 1980

PROJECT TARGET – BINTA LAKE AREA

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Part Size	% ORG.	Ph	SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS As ~~Ag~~	Ag ~~As~~	Au
80TAC62		20	B	orange-brn	SILT-SAND	MOD.		0°	OPEN PINE	1cm Az	6	0.2	-10
80TAC63		20	C	grey-brn	SILT CLAY PEBBLES	" "		" "	PINE-BALSAM		2	.1	-10
80TAC64		20	A-C	drk brn-black	SILT-COBBLES	organic		" "	spruce-balsam	small angular cobbles of tuffaceous conglomerate (sub otc)	14	.8	-10
65		25 ~~20~~	B ~~A~~	Beige	CLAY-PEBBLES	slightly		5° NW	open spruce & balsam	1cm Az	4	.1	-10
66		20	B	red-brn	SAND CLAY COBBLES	MOD.		5° N	" " & PINE	1-2cm Az - on sub otc of Kspar, qtz, hornblende porphyry with light grey matrix (has disseminated hematite)	4	.2	-10
67		20	B	med. brn	SILT CLAY	little		0°	open PINE & balsam	assorted subrounded cobbles	5	.2	-10
68		10	A	drk brn	SILT	organic		20° S	wide open PINE & spruce	- on top of andesitic tuff otc	3	.4	-10
69		35	B	lt brn	COBBLY CLAY	mod.		5° SE	open spruce & balsam	thick organic layer, assorted rounded cobbles mostly ANDESITIC	5	.2	-10
70		40	B-C	beige	COBBLES SILT	little		10° S	open balsam & PINE	many angular, andesitic, cobbles	2	.1	10
71		35	B	orange brn	gravelly SAND	slightly		0°	spruce & balsam	7-8cm Az, near a swamp	4	.1	-10
72		30	B	" "	SILT CLAY	little		0°	" "	4cm Az good soil horizon development	2	.1	-10
73		20	B	lt brn	CLAY & gravel	mod.		0°	lodgepole	4cm Az " "	1	.1	-10
74		25	B	med. brn	SAND CLAY	mod.		5° N	PINE & balsam	2cm Az " "	2	.1	10
75		25	B	" "	SILT PEBBLES	" "		0°	PINE	6cm Az " "	1	.1	-10
76		23	C	grey-brn	PEBBLY CLAY	" "		5° N	BALSAM AND SPRUCE		1	.1	-10
77		20	B-C	med. brn	COBBLES-SILT	" "		0°	PINE & BALSAM	angular cobbles of andesitic breccia (sub otc)	1	.1	-10
78		20	B	" "	GRAVEL CLAY SAND	" "		0°	" "	1cm Az - small andesite ~~cobbles gravel~~	3	.1	10
79		20	B	" "	SILT PEBBLES	" "		30° N	" "	- on small bank bordering swampy area - 2cm Az	2	.1	10
80		20	MIXED	grey-brn	CLAY-PEBBLES	organic		0°	Logging CLEARING	some charcoal in sample	6	.2	-10
81		25	WEAK B	lt brn	SILT SAND CLAY PEBBLES	mod.		0°	" " (some alders)		1	.1	-10
80TAC82		22	B	lt brn	CLAY-SAND	" "		10° SW	" "		2	.1	-10

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – STREAM SILTS

B.C. GOLD SYNDICATE

NTS 93F 14W

SAMPLER DON GUGLIELMIN

PROJECT TARGET - BINTA LAKE AREA

CREEK

DATE JULY 13th 1980

AIR PHOTO NO.

SAMPLE NO.	VOLUME Width M	VOLUME Depth CM	DRAINAGE	Ph	TYPE OF SAMPLE	COLOUR	TEXTURE	% ORGANIC MATERIAL	PETROLOGY OF BEDROCK AND/OR FLOAT	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS As	ASSAYS Ag	ASSAYS Au	
80TAW77	.60	1	Just a trickle		BOTTOM	grey-brn	med. + Sand + SILT	little	mostly grey	pebble conglomerate (subrounded cobbles) - good sample	3	0.1	-10	
80TAW78	.60	1	" "		BOTTOM	" "	SILT AND FINE SAND	organic		fair sample	3	0.1	-10	
80TAW79	.45	0	DRY		" "	" "	" "	" "	assorted small cobbles	POOR - FAIR SAMPLE	5	0.1	-10	
80TAW80	.45	1/2	Just a TRICKLE		" "	" "	SILT	very organic	NO FLOAT	POOR SAMPLE	3	0.2	-10	
80TAW81	.45	0	DRY		" "	" "	SILT	" "	NO FLOAT	" "	4	0.1	-10	

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – STREAM SILTS

B.C. GOLD SYNDICATE

NTS 93F 14W

SAMPLER DON GUGLIELMIN

PROJECT TARGET BINTA LAKE AREA

CREEK

DATE JULY 14th 1980

AIR PHOTO NO.

SAMPLE NO.	VOLUME Width M	VOLUME Depth CM	DRAINAGE	Ph	TYPE OF SAMPLE	COLOUR	TEXTURE	% ORGANIC MATERIAL	PETROLOGY OF BEDROCK AND/OR FLOAT	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS As ~~Pb~~	ASSAYS Ag ~~Zn~~	ASSAYS Au	
BOTAW82	3.0	10	MOD.		BOTTOM	grey	FINE SAND & SILT	little ORGANIC	MOSTLY SUBANGULAR AND SUBROUNDED COBBLES OF ~~QTZ~~ PORPHORY	excellent sample	~~12~~	0.1	-10	
BOTAW83	2.7	15	MOD.		BOTTOM & BANK	grey-brn	" "	MOD.	assorted large rounded COBBLES		~~13~~	0.1	-10	
BOTAW84	2.7	30	MOD.		HIGH WATER BOTTOM	" "	" "	little	ASSORTED FLOAT		2	0.1	10	
BOTAW85	3.0	20	MOD.		BOTTOM	" "	MED. SAND & SILT	" "	ASSORTED ROUNDED COBBLES		2	0.1	-10	
BOTAW86	3.0	15	MOD.		BOTTOM & BANK	" "	FINE SAND & SILT	MOD.	" "		1	0.1	10	

J.C. STEPHEN EXPLORATIONS LTD.

B.C. GOLD SYNDICATE

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

NTS 93F 14W

SAMPLER DON GUGLIELMIN

LINE

PROJECT TARGET - BINTA LAKE AREA

DATE JULY 14th 1980

AIR PHOTO NO.

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				As	Ag	Au	
80 TAC 83 A				MAROON - GREY						REGOLITH - FINE SAND & SILT, NO ORGANIC - TAKEN FROM SLUMP OF FAULT ZONE FAULT ROCK IS VERY ALTERED, CARBONATE RICH ANDESITIC TUFF	4	0.1	10	

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – STREAM SILTS

B.C. GOLD SYNDICATE

SAMPLER Don GUGLIELMIN

DATE July 15th 1980

PROJECT TARGET - BINTA LAKE AREA

NTS 93F 14W

CREEK WEST central AREA (Feeds into BINTA LAKE)

AIR PHOTO NO.

SAMPLE NO.	VOLUME Width M	VOLUME Depth CM	DRAINAGE	Ph	TYPE OF SAMPLE	COLOUR	TEXTURE	% ORGANIC MATERIAL	PETROLOGY OF BEDROCK AND/OR FLOAT	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS As	ASSAYS Ag	ASSAYS Au	
BOTAW 87	.30	2	slow		BOTTOM		SILT & FINE SAND	organic	RHYOLITIC FLOAT	POOR SAMPLE - IN LOGGED AREA	5	0.1	-10	
BOTAW 88	.45	10	very slow		BOTTOM & BANK	drk brn	SILT	very organic	NO FLOAT	CREEK IS BADLY MIXED UP BY LOGGING OPERATION	4	0.1	-10	
89	1.0	4	slow		SAND-BAR	grey-brn	FINE SAND & SILT	mod.	assorted gravel	ABOUT 20M FROM OLD LOGGING ROAD DOWNSTREAM	5	0.1	-10	
90	.60	6	slow		BOTTOM	grey-brn	" "	mod.	mostly subrounded andesite cobbles	good sample	1	0.1	-10	
91	.60	5	slow		" "	" "	" "	organic	assorted small cobbles		2	0.1	-10	
92	.60	5	" "		SAND BAR	" "	med-sand & SILT	mod.	" "		2	0.1	340	
93	.60	5	" "		BOTTOM	" "	FINE SAND & SILT	" "	" "		3	0.1	-10	
94	.60	4	" "		" "	" "	med-SAND & SILT	" "	mostly RHYOLITIC TUFF FLOAT		3	0.1	20	
95	.60	5	" "		BOTTOM-BANK	" "	FINE SAND & SILT	organic	Assorted float	fair to good sample	4	0.1	-10	
96	.60	5	" "		BOTTOM-BAR	grey	" "	mod.	" "	good sample	3	0.1	-10	
97	1.0	8	" "		BOTTOM BANK	grey-brn	MED-SAND & SILT	little	" "	" "	3	0.1	-10	
98	.60	8	" "		" "	" "	" "	mod.	" "		3	0.1	-10	
BOTAW 99	.90	0	DRY		BOTTOM	" "	" "	little	very assorted, rounded cobbles	in glaging area possible contamination	4	0.1	-10	

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

B.C. GOLD SYNDICATE

NTS 93F 14W

SAMPLER DON GUGLIELMIN

PROJECT TARGET BINTA LAKE AREA

LINE

DATE July 15th 1980

AIR PHOTO No.

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH	TRUE WIDTH	ASSAYS			
										~~Au~~ As	~~As~~ Ag	~~Sb~~ Au	
(1)	80783	West central 93F14W	RHYOLITE	rust stained			Some hematite - 1mm qtz. porphyroblasts			9	0.1	-10	
(2)													
(3)	80784	" "	SILICIFIED RHYOLITE	IRON, MANGANESE and pale yellow staining	DISSEMINATED PYRITE AND HEMATITE					14	0.1	-10	
(4)													
(5)													
(6)													
(7)													
(8)													
(9)													
(10)													
(11)													
(12)													
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