671226

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

~~B.C. GOLD SYNDICATE~~

NTS 93 M/16

SAMPLER DON GUGLIELMIN - B. FRASER

TARGET;

PROJECT FLAME PROPERTY

LINE

DATE AUG 16th 1980

AIR PHOTO No.

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH / TRUE WIDTH	ASSAYS Au.	As.	~~Ag~~	W
(1)	80796	3-16M South of STATION "B"	FINE GRAINED ANDESITE	IRON STAINING	DISSEMINATED PYRITE		grab	16m.	-10	10	0.1	—
(2)	80797	7-8M South of sta "C"	ALTERED ANDESITE	IRON, MANGANESE, MALACHITE	DISSEMINATED PYRITE, MINOR CHALCOPYRITE AND TRACES OF BORNITE		CALCITIFIED WITH TINY CALCITE VEINLETS		30	88	2.4	—
(3)	80798	8-10.5 M South of "C"	BRECCIATED GOSSEN	VERY IRON AND MANGANESE STAINED & TRACES OF MALA.	- APPEARS TO HAVE ORIGINALLY BEEN STRONGLY PYRITIZED				40	90	3.4	—
(4)	80799	10.5-12M South of "C"	CALCITIFIED ANDESITE	IRON AND MANGANESE STAINING	VEINLETS AND DISSEMINATED PYRITE & CHALCO.				-10	11	0.2	—
(5)	80800	12-14.5 M South of "C"	CALCITIFIED ANDESITE	SOME IRON STAINING	TRACES OF PYRITE		CALCITE BLOBS UP TO 4cm LONG		-10	25	0.1	—
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B.C. GOLD SYNDICATE

NTS 93M16

SAMPLER DON GUGLIELMIN & B. FRASER / PROJECT TARGET - FLAME PROPERTY LINE

DATE AUG 16th 1980 AIR PHOTO No.

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH / TRUE WIDTH		ASSAYS Au.	As.	Ag	W
(1)	73551	14.5 - 17.0M S from sta "C"	CALCITIFIED ANDESITE	-	TRACES OF PYRITE					20	19	0.1	—
(2)	73552	14-19.5M S from sta "C"	" "	Some Iron staining	DISSEMINATED CHALCOPYRITE AND PYRITE					-10	15	0.1	—
(3)	73553	19.5-21.5 S from sta "C"	ANDESITE WITH CALCITE VEINLETS	IRON STAINED	DISSEMINATED PYRITE AND CHALCOPY.		ANDESITE FRAGS FLOATING IN FELSIC ZONES			20	14	0.1	—
(4)	73554	21.5 - 23.8M S from "C"	CHILL MARGINE OF FELDSPAR PORPHORY, FELSIC DIKE	IRON, MANGANESE AND MALACHITE STAINING						30	11	0.8	—
(5)	73555	23.8-29.3 S from "C"	COARSE GRAINED Feldspar, Felsic DIKE		DISSEMINATED PYRITE		CALCITE VEINLETS			20	2	0.2	—
(6)	73556	32.8-36M from "C"	COARSE GRAINED QTZ, FELDSPAR PORPHORY, FELSIC DIKE		" "					-10	9	0.2	—
(7)	73557	114 - 116.6 FROM "C" ALONG MAIN NW - SE ROAD	RUSTY ZONE IN ANDESITE.	IRON STAINED	STRONGLY PYRITIZED		CONTAINS SOME "STEELY" PYRITE			90	14	2.4	—
(8)	73558	148.9-150.6 ALONG MAIN NW-SE ROAD FROM "C"	ANDESITE	" "	" "					10	2	0.1	—
(9)	73559	212M " " " "	HORNBLENDE ANDESITE AND HORNBLENDITE	" "	" "					30	4	0.1	—
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SAMPLER DON GUGLIELMIN & B. FRASER

PROJECT TARGET - FLAME PROPERTY

LINE

DATE AUG 17TH 1980

AIR PHOTO No.

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH	TRUE WIDTH	ASSAYS Au.	As.	Sb	W
J (1)	73560	COARSE GRAIN	FRACTURE ZONE 1/2M THICK IN ANDESITIC FELDSPAR PORP.	MALACHITE, AZURITE IRON	PYRITE AND CHALCOPYRITE		CALCITE VEINLETS			360	6	3.4	—
J (2)	73561		FINE GRAINED CALCITIFIED ANDESITIC DIKE	~~IRO~~ " "	" "					1600	67	2.6	—
J (3)	73562		VEINED, ~~ALTERED~~ FINE GRAINED SILICIFIED ANDESITE	IRON	STRONGLY PYRITIZED (DISSEMINATED)		DOLOMITE VEINS (ANCHORITE)			30	+500	1.4	—
J (4)	73563	(HORNBLENDITE)	STRONGLY MINERALIZED FINE GRAINED LAMPROPHYRE	" "	ABUNDANT DISS. PYRITE, MINOR CHALCOPY.					680	30	6.4	—
J (5)	73564	VERY (HORNBLENDITE)	STRONGLY MINERALIZED FINE GRAINED LAMPROPHYRE	IRON AND MALACHITE	ABUNDANT DISS. PYRITE AND CHALCOPYRITE					6250	73	8.8	—
J (6)	73565		STRONGLY MINERALIZED FINE GRAINED ANDESITE	~~ABUNDANT~~ " "	ABUNDANT CHALCOPY. IN VEINLETS AND DISS. MOD. PYRITE - MINOR BORNITE		NUMEROUS CALCITE VEINLETS			1300	6	16.0	—
J (7)	73566	NORTH END IS SMALL FRACTURE ZONE IN ANDESITE SOUTH END IS FINE GRAINED ANDESITE	WITH ANCHORITE ~~ALT~~ ALTERATION (ORANGE)	IRON	PYRITE, MINOR CHALCOPY MODERATELY PYRITIC, WEAKLY CHALCOPY.		QTZ VEINLETS CALCITE VEINLETS			1680	+500	19.0	—
J (8)	73567		FELSIC DIKE		DISSEMINATED PYRITE		APHANITIC WITH 2-3 MM MICROLITES OF REDDISH HORNBLENDE			20	6	1.0	—
J (9)	73568		HORNBLENDITE LAMPROPHYRE	IRON	STRONGLY PYRITIZED MODERATELY CHALCOPYRITIZED					30	9	1.2	—
J (10)	73569		FELSIC DIKE		DISSEMINATED PYRITE.		APHANITIC WITH 2-3MM MICROLITES OF REDDISH HORNBLENDE			-10	16	0.2	—
J (11)	73570		FINE GRAINED EPIDOTIZED ANDESITE	IRON AND EPIDOTE STAINING	STRONGLY PYRITIZED MINOR CHALCOPYRITE					40	4	1.0	—
J (12)	73571		ANCHORITIC (?) ALTERED ANDESITE	IRON & ANCHORITE ALTER.						30	+500	0.2	—
J (13)	73572		CALCITE VEINED ANDESITE	IRON	STRONGLY PYRITIC AND CHALCOPYRITIC					1040	29	10.0	—
J (14)	73573		" "	" "	STRONGLY PYRITIC AND CHALCOPYRITIC WITH TRACES OF BORNITE					180	63	4.2	—
J (15)	73574		ALTERED ANDESITE	INTENSE ~~EPIDOT~~ EPIDOTIZATION - IRON STAINED	STRONGLY PYRITIC AND CHALCOPYRITIC		FIBROUS GREEN CALCSILICATE (TREMOLITE ?)			180	6	3.6	—
J (16)	73575		ALTERED ANDESITE	IRON AND EPIDOTE STAINING	" "		ABUNDANT EPIDOTE AND CHLORITE			1500	25	11.0	—
J (17)	73576		" "	" "	STRONGLY PYRITIZED MODERATELY CHALCOPYRITIC		STRONGLY EPIDOTIZED			2200	135	18.0	—
J (18)	73577		" "	IRON STAINED	VERY STRONGLY PYRITIC, MODERATELY CHALCOPY.					600	20	5.2	—
J (19)	73578		" "	" "	VERY STRONGLY PYRITIZED WEAKLY CHALCOPYRITIC					200	14	1.0	—
(20)										220	180	5.2	—

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NTS 93M 16

SAMPLER D. GUGLIELMIN & B. FRASER

PROJECT TARGET - FLAME

LINE

DATE AUGUST 18 1980

AIR PHOTO No.

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH / TRUE WIDTH	ASSAYS Au.	As.	Sb	W
✓ (1)	73579	IN MAIN SHOWINGS AREA	FINE GRAINED DARK GREEN ANDESITE	RUSTY	moderately pyritic				220	180	5.2	—
✓ (2)	73580	" "	DARK GREEN FINE GRAINED (HORNBLENDITE) LAMPROPHYRE	epidotized, rusty, MALACHITE	strongly pyritic strongly chalcopy.		1-2 mm HBl phenocrysts		1300	9	18.0	1
✓ (3)	73581	" "	DARK GREEN (HORNBLENDITE) LAMPROPHYRE	rusty, epidotized	moderately pyritic and chalcopyritic		1-4 mm HBl phenocrysts		580	8	11.0	1
✓ (4)	73582		" "	" "	MODERATELY CHALCOPYRITIC WEAKLY PYRITIC		" "		540	10	7.2	1
✓ (5)	73583		" "	" "	MODERATELY PYRITIC AND CHALCOPYRITIC		" "		140	3	0.2	1
✓ (6)	73584		lt grey, SILICIFIED APHANITIC ANDESITE	SILICIFIED SOME RUST	weakly PYRITIC				30	1	0.1	—
✓ (7)	73585		" "	SILICIFIED	trace PYRITE				-10	2	0.1	—
✓ (8)	73586		lt grey-green FELDSPAR PORPHYRY DIKE		MODERATELY PYRITIC		2-4 mm Feldspar phenos IN AN APHANITIC, FELSIC GROUNDMASS		30	5	0.1	—
✓ (9)	73587		(HORNBLENDITE) LAMPROPHYRE	IRON, MANGANESE AND MALACHITE STAINING	VERY STRONGLY PYRITIC		1-3 mm HBl PHENOCRYSTS		20	27	0.2	1
✓ (10)	73588		FINE GRAINED (HORNBLENDITE) LAMPROPHYRE	" "	" "		1 mm HBl phenos		200	33	1.0	1
✓ (11)	73589		VERY FINE GRAINED (HORNBLENDITE) LAMPROPHYRE	" "	" "		HBl phenos <1 mm		50	105	1.4	1
✓ (12)	73590		DARK GREEN APHANITIC ANDESITE	RUSTY	STRONGLY PYRITIC				80	48	1.0	—
✓ (13)	73591		DARK GREY-GREEN APHANITIC ANDESITE						700	10	0.1	—
✓ (14)	73592		GRAB SAMPLE OF CALCITE VEINED, CHLORITIZED SILICIFIED ANDESITE	CHLORITIZED SILICIFIED	WEAKLY PYRITIC				-10	17	0.1	—
✓ (15)	73593		CALCITE VEINED ANDESITE	RUSTY	VERY STRONGLY PYRITIC IN CALCITE VEINS		CALCITE VEINS UP TO 3-4 cms		140	88	2.4	—
✓ (16)	73594		" "	STRONGLY CHLORITIZED & SILICIFIED	MINOR CHALCOPYRITE AND PYRITE IN CALCITE VEINLETS				140	340	1.6	—
✓ (17)	73595		" "	" "	MODERATE PYRITE AND CHALCOPYRITE IN CALCITE VEINLETS				20	43	0.8	—
✓ (18)	73596		" "	" "	STRONGLY PYRITE AND CHALCOPYRITIC MINOR BORNITE				10	100	3.2	—
(19)	(73597)				MINERALIZATION IS IN CALCITE VEINLETS				20	16	0.1	—
(20)	(73598)								40	+500	1.2	—

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PROJECT TARGET - FLAME

LINE

DATE AUG 19 1980

AIR PHOTO No.

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH	TRUE WIDTH	ASSAYS Au.	As.	Ag	W
(1)	73597	MAIN SHOWING ON FLAME	ALTERED ANDESITE	CALCITE VEINED, ANCHORITIC (ORANGE)	MINOR PYRRHOTITE WEAK CPY		SOME SILICA IN CALCITE VEINLETS			20	16	0.1	—
(2)	73598		LIGHT ANCHORITIC CARBONATE	ORANGE WEATHERING	TRACE OF VERY FINE GRAINED BLACK SULPHIDE → (TETRA-HEDRITE?)					40	+500	1.2	—
(3)	73599		MEDIUM OLIVE-GREEN SUGARY TEXTURED ANCHORITIC CARBONATE	" "	MINOR PYRRHOTITE MINOR TETRAHEDRITE?					-10	10	2.6	—
(4)	73600		ANCHORITE AND QTZ VEINLET	" "	MINOR DISS. PYRITE, TRACE OF BORNITE		TAKEN FROM ANGULAR 35 CM BOULDER VEINLET ENCLOSES ORANGE ANCHORITIC ANDESITE			-10	+500	0.2	—
(5)	73601		DARK GREEN HIGHLY SHEARED CHLORITIZED ANDESITE	CHLORITIZED CALCITE FRACTURE FILLINGS						30	3	0.1	—
(6)	73602		MED GRAY-GREEN SUGARY MARBLE	CALCITE VEINED	MODERATE, FINE GRAINED DISS. PY AND CPY		FINE GRAINED, <1MM MARBLE			-10	3	4.8	—
(7)	73603		APHANITIC DARK GREY MARBLE	CALCITE VEINLETS TO 1CM	MOD CPY AND TRACE PY AND BORNITE. VERY FINE DISS. OR PLATES ALONG CALCITE VEINLETS					30	12	4.2	—
(8)	73604		MED GRAY-GREEN FINE GRAINED (<1MM) SUGARY MARBLE		MODERATE DISSEMINATED CHALCOPYRITE					50	1	11.0	—
(9)	73605		" "		MOD TO STRONG DISS. CPY, MINOR PY & Bo		ALSO INCLUDES CHLORITIC ANDESITE ~~WITH~~ MOD. DISS CPY. AT CONTACT			240	3	7.0	—
(10)	73606		DARK GREY HBI PORPHORY ANDESITE				1-3MM HBI PHENOS			40	1	0.6	—
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SAMPLER D GUGLIELMIN - B. FRASER

PROJECT TARGET FLAME

LINE

DATE AUG 20th 1980

AIR PHOTO No.

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH / TRUE WIDTH	ASSAYS Au.	As.	Sb	W
(1)	73607	MAIN SHOWINGS AT FLAME	FINE GRAINED (<1MM PHENOS) HORNBLENDITE LAMPROPHYRE		STRONGLY PYRITIC		PYRITE APPEARS TO BE PSUEDOMORPHING THE FELDSPARS		20	3	0.4	1
(2)	73608		" "		" "		" "		-10	4	0.1	1
(3)	73609		" "		" "		" "		20	3	0.2	1
(4)	73610		" "		" "		" "		60	3	1.0	1
(5)	73611		" "		STRONGLY PY MODERATELY CPY TRACE BORNITE				300	11	0.6	2
(6)	73612		" "		STRONGLY PY WEAKLY CPY				10	7	0.1	1
(7)	73613		" "		" "				40	3	0.1	1
(8)	73614		VERY FINE GRAINED (< .5MM HBL) ANDESITE		MODERATELY PYRITIC		DARK GREEN		10	2	0.1	—
(9)	73615		FINE GRAINED (HORNBLENDITE) LAMPROPHYRE		MOD TO STRONG PYRITE WEAKLY CPY				220	3	0.6	1
(10)	73616		" "		STRONGLY PYRITIC MODERATELY CHALCOPYRITIC				100	3	0.8	1
(11)	73617		" "		STRONGLY PY WEAKLY CPY		AT CONTACT WITH BLADED FELDSPAR PORPHORY ANDESITE		50	5	0.1	1
(12)	73618		lt grey andesite and FELSITE	SILICIFIED	VERY FINE GRAINED MOD, DISSEMINATED PYRITE, WEAK CPY		TAKEN AT CONTACT ZONE WITH FELSIC DIKE		140	4	0.1	—
(13)	73619		CREAMY WEATHERING lt grey qtz porphory				2-4MM qtz phenocrysts		-10	3	0.1	—
(14)	73620		MEDIUM GRAINED (1-4MM HBL) (HORNBLENDITE) LAMPROPHYRE		STRONGLY PYRITIZED TRACE CPY		GRAB SAMPLE OVER 2.5M OF RUBBLE		60	2	0.8	1
✓(15)	73621		FINE GRAINED ANDESITE (MED GREY-GREEN)	CALCITE FRACTURED SILICIFIED IN PARTS	MODERATE PY WEAK CPY		GRAB SAMPLE OVER 1M WIDTH		10	25	0.1	—
✓(16)	73622		" "	WEAKLY SILICIFIED EPIDOTIZED	WEAK DISS. PY.		" "		60	6	0.1	—
✓(17)	73623		qtz (2-5MM) PORPHORY DIKE		MINOR DISS. PYRITE		" "		30	14	0.1	—
✓(18)	73624		DARK GREY COARSE 2-8MM FELDSPAR	SILICIFIED PORPHORY ANDESITE	MINOR PY TRACE CPY DISS ALONG FRACTURES		GRAB SAMPLE OF RUBBLE		-10	3	0.1	—
✓(19)	73625		ALTERED ANDESITE	EPIDOTIZED	MINOR DISSEMINATED PY AND CPY		" "		60	19	0.1	—
✓(20)	73626		QTZ (2-6MM) FELDSPAR (2-3MM) PORPHORY	NUMEROUS CHLORITIZED HBL 1-2MM			GRAB SAMPLE OVER 1M WIDTH		180	1	0.1	—

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LINE

DATE AUG 21 1980

AIR PHOTO No.

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH	TRUE WIDTH	ASSAYS Au.	As.	Ag	W
J (1)	73627		DARK GREY FINE GRAINED ANDESITE	calcite veined	Strongly PY, MOD CPY TRACE Bo					300	220	+20	—
J (2)	73628		" "	" "	WEAK PYRITE AND CHALCOPYRITE					10	120	0.1	—
J (3)	73629		MED GRAY-GREEN FINEGRAINED ANDESITE	-SILICIOUS -EPIDOTIZED -PINK ALTERATION	WEAK DISS. CPY AND PY		- numerous calcite fracture fillings			40	4	0.1	—
J (4)	73630		50 cm OF " "	SILICIFIED EPIDOTIZED	MOD TO WEAK PYRITE		HIGHLY CALCITE FRACTURED			20	10	0.1	—
J (5)	73631		DARK GREY GREEN FINE GRAINED ANDESITE	SILICIFIED	WEAKLY PYRITIC					80	180	0.1	—
J (6)	73632		FINE GRAINED ANDESITE	STRONGLY SILICIFIED	VERY STRONGLY PYRITIC		qtz phenocrysts 8 MM length.			300	+500	10.0	—
J (7)	73633		" "	MODERATELY SILICIFIED	MOD PY WEAK CPY		NUMEROUS CALCITE FRACTURE FILLINGS			400	+500	4.8	—
J (8)	73634		DARK GREEN FINE GRAINED HORNBLENDITE LAMPROPHYRE		VERY STRONGLY PYRITIC		<1 MM HBl			40	73	0.6	—
J (9)	73635		" "		" "		" "			50	110	1.0	—
J (10)	73636		" "	EPIDOTIZED	" "		- <1 MM HBl - RUBBLE SAMPLE			50	19	0.1	—
(11)	73637		ANDESITE	CREAMY WEATHERING SILICIFIED	MINOR CPY AND PYRITE		- OCCASSIONAL WHITE QTZ VEINS - THIS IS A GRAB SAMPLE			-10	16	0.1	—
(12)	73638		FINEGRAINED (HORNBLENDITE) LAMPROPHYRE		VERY STRONGLY PYRITIC		<1 MM HBl - GRAB SAMPLE FROM DIKE AT LEAST 2M WIDE			20	57	0.1	1
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PROJECT TARGET - FLAME

LINE

DATE AUG 22 1980

AIR PHOTO No.

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH / TRUE WIDTH	ASSAYS Au.	As.	Ag	W
(1)	73639	SE OF FLAME PROPERTY	BRECCIATED ANDESITE	ANCHORITIC (ORANGE) SILICIFIED	TRACE OF MALACHITE		SILICA AS VEINS AND DISSEMINATED BLEBS		10	45	0.1	—
(2)	73640		MED. GREEN ANDESITE	SILICIFIED ORANGE WEATHERING	TRACE PYRITE				-10	1	0.1	—
(3)	73641		BLEACHED ANDESITIC TUFF	ANCHORITIC	MODERATELY PYRITIC		NUMEROUS CALCITE FRACTURE FILLINGS -50 CM SAMPLE WIDTH		-10	11	0.1	—
(4)	73642		ANDESITIC TUFF	ANCHORITIC WEAKLY SILICIFIED	WEAK PYRITE SOME MALACHITE ON FRACTURES		" " 1.5 M SAMPLE WIDTH		40	1	0.1	—
(5)	73643		BLEACHED ANDESITIC TUFF	ANCHORITIC WEAKLY SILICIFIED	WEAKLY PYRITIC		-OVER 30 cm width		-10	3	0.1	—
(6)	73644		" "	ANCHORITIC	WEAK TO STRONG PYRITE ALONG FRACTURES		OVER 40 cm Sample Range		-10	15	0.1	—
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DATE AUG 24 1980

AIR PHOTO No.

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH / TRUE WIDTH	ASSAYS Au.	As.	Ag	W
(1)												
(2)	73645	WEST OF FLAME	K-SPAR PORPHORY	CHLORITIZED HBL 1-2MM			OCCASIONAL QTZ EYE TO 2MM KSPARS 2-4MM		10	2	0.1	—
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(20)												

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

B.C. GOLD SYNDICATE

NTS 93M16

SAMPLER DONGUGLIELMIN & B. FRASER

PROJECT TARGET - FLAME

LINE

DATE AUG 25 1980

AIR PHOTO No.

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH	TRUE WIDTH	ASSAYS Au.	As.	Ag	W
(1)													
(2)	73646.	WEST OF FLAME	MED. GRAY FINEGRAINED ANDESITE		VERY FINE DISS. PYRITE		AT CONTACT WITH KSPAR FELSITE			10	15	0.1	—
(3)													
(4)													
(5)													
(6)													
(7)													
(8)													
(9)													
(10)													
(11)													
(12)													
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J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

B.C. GOLD SYNDICATE

NTS 93M16

SAMPLER DON GUGLIELMIN & B. FRASER

PROJECT TARGET - FLAME

LINE

DATE AUG 27 1980

AIR PHOTO No.

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH	TRUE WIDTH	ASSAYS Au.	As.	Ag	W
(1)	73647	NORTH OF FLAME	FINE GRAINED ANDESITE(?)		STRONGLY PYRITIC AND CHALCOPYRITIC	337° /	ZONE IS IN WHITE PORPHORY BASALT -2M THICK WHERE EXPOSED			-10	6	2.2	1
(2)	73648		AUGITE PORPHORY		MOD TO STRONG PYRITE		EXPOSED OVER 11M ALONG TRENCH TRENDING 008°			-10	83	6.0	160
(3)	73649		CREAMY WEATHERING MED-GRAY FELDSPAR PORPHORY		MOD. DISS. PY.		GRAB SAMPLE OF RUBBLE -DIKE IS ABOUT 10M WIDE			-10	3	0.1	—
(4)	73650		SAME AS 73649				DIKE IS 15M WIDE			-10	2	0.1	—
(5)	73651		SAME AS 73649 AND 73650	CHLORITIZED BIOTITE			- SLIGHTLY COARSER GRAINED			-10	1	0.1	—
(6)	73652		BRECCIATED AUGITE BASALT	IRON STAINED EPIDOTIZED WEAKLY SILICIFIED	CALCITE VEINED MOD. PY		- AT LEAST 2M WIDE			-10	1	0.1	—
(7)													
(8)													
(9)													
(10)													
(11)													
(12)													
(13)													
(14)													
(15)													
(16)													
(17)													
(18)													
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(20)													

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

B.C. GOLD SYNDICATE

NTS 93M16

SAMPLER DON GUGLIELMIN & B. FRASER

PROJECT TARGET - FLAME

LINE

DATE AUGUST 28th 1980

AIR PHOTO No.

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH / TRUE WIDTH	ASSAYS Au.	As.	Sb.	W
(1)	73653	NORTH OF FLAME	CREAMY WEATHERING MED GRAY HBI FELDSPAR DIKE	CHLORITIZED	MOD - PYRITIC		HBI 1-2MM FELDSPAR 2-4MM } EXPOSED IN TALUS OVER 8M		-10	1	0.1	—
(2)	73654		CREAMY TO PINKISH WEATHERING MED GRAY HBI, FELD-PORPHYRY DIKE	CHLORITIZED	MOD. DISS. HEMATITE AND EPIDOTE		HBI 1-2MM FELD 2-3MM		-10	1	0.1	—
(3)	73655		ALTERED BASIC VOLCANIC		FOLIATED MAGNETITE SEGREGATION		ADJACENT TO MONZONITE? DIKE		-10	1	0.1	—
(4)	73656		KSPAR, HBI? MONZONITE? DIKE	CHLORITIZED	MOD - PY.		DIKE IS 2M WIDE		-10	1	0.1	—
(5)												
(6)												
(7)												
(8)												
(9)												
(10)												
(11)												
(12)												
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J.C. STEPHEN EXPLORATIONS LTD.

B.C. GOLD SYNDICATE

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

NTS 93M16

SAMPLER DON GUGLIELMIN & B. FRASER

LINE

PROJECT TARGET - FLAME

DATE AUG 22 1980

AIR PHOTO NO.

SAMPLE NO.	LOCATION	Depth (CM)	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Au	As		
80TAC301	SE OF FLAME			ORANGE-BRN	SANDY SILT	MOD. (rootlets)		20° SW	SMALL POP. AND PINE	TAKEN ON SMALL SLOPE FROM RIDGE				
– 302	" "		"	" "	<COBBLY SANDY SILT	" "		0°	IN OLD BURN	ANDESITE COBBLES				

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – STREAM SILTS

B.C. GOLD SYNDICATE

SAMPLER: DON GUGLIELMIN & B. FRASER

PROJECT: TARGET_ FLAME

NTS: 93M16

CREEK:

DATE: AUG 22 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		
80TAW301	1.0	7	SLOW		BOTTOM -BANK	DRK BRN	GRAVEL -SAND	ORGANIC	-ABUNDANT	POOR SAMPLE K SPAR PORPHORY AND RELATED FELSICS COBBLE				
80TAW302	2.0	6	SLOW		BOTTOM	MED. BRN -GREY	FINE SAND & SILT	ORGANIC	SOME FELSIC COBBLE	BETTER SAMPLE THAN 80TAW301				

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

B.C. GOLD SYNDICATE

NTS 93M16

SAMPLER DON GUGLIELMIN & B. FRASER

LINE

PROJECT TARGET – FLAME

DATE AUG. 24 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		
80TAC303	WEST OF FLAME	25-30	B	MED. ORANGE BRN	GRAVELLY CLAYEY SAND	MOD.		0°	IN OLD BURN	TRANSPORTED (GLACIAL) RUBBLE ALL OVER THE PLACE				
304		22	B	" "	FINE SAND & CLAY	" "		"	"	8 cm A-2				
305		30	B	MED. BRN	" "	" "		"	"	18 cm A-2				
306		20	B		GRAVELLY CLAYEY SAND	" "		"	"	4.5 cm A-2 - LOTS OF FELSITE RUBBLE ON RIDGE TRENDING 160 A				
307		25-30	B	MED ORANGE BRN	FINE SAND & CLAY	" "		" "	" "	- FELSIC COBBLES - 5 cm A-2				
308		32	B	MED. BRN	GRAVELLY CLAYEY SAND	" "		" "	" "	20 cm A-2				
309		55	A-C	lt brn	gravelly CLAY	VERY		0°	" "	WET, ORGANIC SAMPLE				
310		50	A-C	lt brn & SOME drk brn	CLAY & SOME ORG. CLAY	" "		"	"	" "				
311		25	B	MED BRN	GRAVELLY CLAY	MOD.		0°	IN OLD BURN	- POORLY DEV. HORIZONS - ABUNDANT ANGULAR RUBBLE OF ANDESITIC TUFF A				
312		20	B	" "	SANDY CLAYEY SILT	MOD. (rootlets)		"	"					
80TAC 313	↓	24	B	MED. ORANGE BRN	GRAVELLY SANDY CLAY	" "		"	"	15 cm A-2				

J.C. STEPHEN EXPLORATIONS LTD.

B.C. GOLD SYNDICATE

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

NTS 93M16

SAMPLER DON GUGLIELMIN & B. FRASER

LINE

PROJECT TARGET-FLAME

DATE AUG 25 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		
BOTAC 314	WEST OF FLAME	20	B	MED BRN	SANDY SILT	MOD.		10°E	IN OLD BURN	FELSITE AND SANDSTONE FLOAT IN HOLE				
BOTAC 315		25 TO 30	B	MED ORANGE BRN	CLAYEY FINE SAND	" "		5°E	" "	WELL DEV. HORIZONS, 11cm A-2 - SUBANGULAR BASALT FLOAT IN HOLE				
316		25	B	MED BRN	GRAVELLY SILTY SAND	" "		"	"	~2cm A-2				
317		25 -30	B	MED-ORANGE BRN	" "	" "		15°SE	" "	ON SLOPE TO SMALL STREAM				
318		20 -25	B	ORANGE BRN	CLAYEY GRAVELLY SAND	MOD-		0°	" "	10cm A-2				
319		15 -18	B	" "	FINE CLAYEY SAND	" "		"	"	5cm A-2. SITTING ON TOP OF GLACIAL RIDGE TRENDING 242°				
320		30	B	MED-BRN	SANDY CLAY	LITTLE		"	"	15cm A-2, 5cm A-1				
321		22	B	MED ORANGE-BRN	GRAVELLY SAND	MOD.		"	"	6cm A-2				
322		22	B	MED-BRN	GRAVELLY CLAY	LITTLE		"	"	40cm A-2 - BESIDE MOOSE PASTURE				
323		25 -30	B	" "	" "	MOD.		"	"	" "				
324		47	A	dRK BRN	SILTY CLAY	VERY		0°	ALDERS	IN ALDERY, SWAMPY AREA				
325		22	B	MED-BRN	GRAVELLY CLAY	MOD.		" "	IN OLD BURN	FAIR HOR. DEV. WEAK A-2				
326		30	B	" "	SANDY CLAY	" "		"	"					
327		25	B	MED-ORANGE BROWN	FINE SAND & SILT	" "		"	"	7cm A-2				

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – STREAM SILTS

B.C. GOLD SYNDICATE

NTS 93M16

SAMPLER DON GUGLIELMIN – B. FRASER

PROJECT TARGET – FLAME

CREEK

DATE AUG 25 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		
BOTAW 303	1.0	8	SLOW		BOTTOM -BANK	MED-GRAY -BRN	GRAVEL -SAND	LITTLE	ABUNDANT ANGULAR FLOAT OF SANDSTONE AND FELSITE	POOR SAMPLE				
BOTAW 304	1.5	6	MOD.		BOTTOM	GREY -BRN	MED & FINE SAND & SILT	MOD-	ASSORTED, ROUNDED COBBLE					

J.C. STEPHEN EXPLORATIONS LTD.

B.C. GOLD SYNDICATE

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

NTS 93M16

SAMPLER DON GUGLIELMIN

PROJECT TARGET – FLAME

LINE

DATE AUG 26 1980

AIR PHOTO NO.

FLA- GRID

SAMPLE NO.	LOCATION	Depth CM	Horiz	DESCRIPTION Colour	Part Size	% ORG.	Ph	SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Au	As		
0S	15W	40	A	drk BRN -BLACK	SILTY CLAY	ORG.		5°W	BUCK ALDER					
15W	1S	30	C	lt grey -BRN	GRAVELLY CLAY	LITTLE		5°W	" "	FIRE 7,8,9,10 CLAIM POST ~20M NE OF 15W 2S				
	2S, 3S, 4S,									→ NO SAMPLE, IN SWAMP				
4S	14W	20	B	lt brn	SILTY CLAY	MOD.		0°	BUCK ALDER					
14W	3S	25	C	lt brn -grey	CLAY	LITTLE		5°W	" "	TAKEN BESIDE SMALL POPLAR				
	2S	30	B	MED. brn	GRAVELLY CLAY	MOD.		5°W	" "					
	1S	30	B	lt. brn	SILTY CLAY	LITTLE		5°W	BUCK ALDER AND SMALL	POPLAR				
0S	14W	20	B	MED. BRN	" "	MOD.		10°E	" "					
	13W	20	B?	lt. BRN	GRAVELLY CLAY	LITTLE		5°E	" "					
13W	1S	20	B -C	MED. BRN	" "	" "		0°	BUCK ALDER	5cm A-1 15cm B BELOW THIS IS A LIGHT BRN GRAVELLY 'C' HORIZON				
	2S	20	B?	lt BRN	GRAVELLY SILT	MOD		5°W	POPLARS & BUCK ALDER	GRAVEL IS ASSORTED AND ROUNDED				
	3S	25	C	lt. BRN	CLAY	LITTLE		5°W	BUCK ALDERS	"HARDPAN" CLAY				
4S	13W	35	A -C	lt BRN	CLAY	MOD.		5°W	" "	30 cm ORGANIC RICH LAYER THEN HARDPAN CLAY ZONE. SAMPLE IS MIXTURE OF THESE	1			
	12W	30	A -C	lt BRN & BLACK	GRAVELLY CLAY	" "		"	"	22 cm ORGANIC RICH LAYER THEN HARDPAN				
12W	3S	30	WEAK B	lt-Med brn	" "	LITTLE		0°	" "	THICK ORGANIC LAYER				
	2S	40	A -C	DRK BRN	" "	ORGANIC		10°W	" "	THICK ORGANIC UNDERLAIN BY HARDPAN CLAY				
	1S	20	WEAK B	lt-Med BRN	gravelly SILT	MOD		10°S	PINE POPLAR ALDER					
0S	12W	30	B	MED ORANGE BRN	COBBLY GRAVELLY SILT	" "		10°SW	POPLARS	MOSTLY FELSIC COBBLES				
	11W	22	B	MED-BRN	GRAVELLY SILT	" "		10°SW	" "					

NOTE: SAMPLE FORMS RAN OUT HERE, NEXT SAMPLE IS 11W 1S, PG 212 OF FIELD NOTES