671094

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

B.C. GOLD SYNDICATE

NTS 93N6

SAMPLER DON GUGLIELMIN

PROJECT TARGET - HALO PROPERTY

LINE

DATE AUGUST 5th, 6th, 7th & 8th 1980

AIR PHOTO No.

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH	TRUE WIDTH	ASSAYS Cu ~~Au~~	Mo ~~As~~	W ~~Sb~~	
(1)	80785	AUG 5th (UMEX SOIL ANOM)	grey, fine grained ~~FELS~~ PARA GNEISS (?)	SILICIOUS, foliated, MALACHITE AND IRON STAINING	DISSEMINATED PYRITE SOME CHALCO		COOKED UP VOLCANIC (?)			300	10	2	
(2)	80786	AUG 6th NORTH OF PROPERTY	FINE GRAINED ALTERED MONZONITE	IRON STAINED	PYRITE CHALCO?		- BIOTITE - RUSTY ZONE IN A GULLEY NORTH OF PROPERTY			54	3	1	
(3)	80787	AUG 7th NORTHWEST OF PROPERTY	SILICIOUS GOSSEN (COOKED UP QTZ MONZ)	IRON STAINED	DISSEMINATED PYRITE		SMALL FRACTURE AREA IN MED. GRAINED QTZ MONZ.			16	3	1	
(4)	80788	" "	FINE TO MED grained qtz MONZ	IRON STAINED	PYRITE AND CHALCO					14	12	5	
(5)	80789	AUGUST 8th N.E. END OF PROPERTY	FINE GRAINED, FELSIC, QTZ MONZ WITH BIO	~~SO~~ BIT OF IRON STAINING	NONE VISIBLE		TAKEN AS CHECK FOR THIS ROCK UNIT WHICH IS QUITE EXTENSIVE ON THE PROPERTY			4	1	1	
(6)													
(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

SAMPLER Don Guglielmin

DATE Aug 6th 1980

PROJECT TARGET – HALO PROPERTY

NTS 93N6

CREEK NORTHERN BRANCH OF HALOBIA

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 Cu ~~Pb~~	ASSAYS Mo ~~Zn~~	ASSAYS W	
80TAW201	1.0	10	Mod - fast		BOTTOM	PINK - BEIGE	COARSE SAND	little	BESIDE OTC	OF COARSE grained qtz MONZ with bio.	34	2	1	
80TAW 202	1.0	12	" "		" "	BEIGE	" "	" "	some FLOAT AS ABOVE	- IN grassy meadow	28	1	1	
203	.50	15	" "		" "	" "	" "	" "	MONZONITIC		8	1	1	
204	.50	10	MOD.		BOTTOM - BANK	lt brn	" "	MOD.	MONZONITIC AND granodiorite float both with bio.		32	3	1	
205	.30	8	" "		BOTTOM	Mod. orange - BRN	COARSE MED SAND AND SILT	little	very little float, mostly sand & gravel.	- STREAM IS NOW IN HIGH MEADOW AND HAS RELATIVELY HIGH, GRASSY BANKS	18	7	1	

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — STREAM SILTS

B.C. GOLD SYNDICATE

SAMPLER DON GUGLIELMIN

DATE AUGUST 7th 1980

PROJECT TARGET - HALO PROPERTY

NTS 93N6

CREEK NORTHWEST OF PROPERTY

AIR PHOTO NO. 2055112

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 Cu ~~Pb~~	ASSAYS Mo ~~Zn~~	ASSAYS W	ASSAYS
80TAW206	1.0	10	MOD.		BOTTOM	BEIGE	COARSE SAND	little	SMALL QTZ MONZ & MONZ COBBLES		118	2	1	
207	1.0	12	MOD. TO FAST		BOTTOM	BEIGE	" "	" "	SMALL AND MED. " "		36	2	1	
208	2.0	10	" "		BOTTOM	BEIGE	" "	" "	Subangular, large cobbles of monz & qtz monz.		26	1	1	
209	.90	12	" "		" "	" "	" "	" "	MOSTLY large cobbles	OF MED. GRAINED qtz monz with biotite (subangular)	24	4	1	
210	.75	12	MOD.		" "	" "	COARSE & MED SAND AND SILT	" "	MED SIZED SUBANGULAR qtz monz with bio cobbles		26	1	1	
211	.50	8	MOD -SLOW		BOTTOM -BANK	" "	MED SAND & SILT	MOD.	SMALL ANGULAR QTZ MONZ COBBLES		34	4	4	
212	.25	0	DRY		BOTTOM	MED. BRN	COARSE SAND AND SILT	ORGANIC	BESIDE TALUS OF MED. GRAINED QTZ MONZ WITH BIOTITE		14	2	1	

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

B.C. GOLD SYNDICATE

NTS 93N 6

SAMPLER DON GUGLIELMIN

DATE AUG 8th 1980

PROJECT TARGET – HALO PROP.

LINE ALONG MAG. LINE ~~[illegible]~~ 16N

AIR PHOTO NO. 2055112

SAMPLE NO.	LOCATION	Depth (CM)	Horiz	DESCRIPTION Colour	Part Size	% ORG.	Ph	SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Cu ~~Au~~	Mo ~~As~~	W
80TAC201	SOIL PIT #1 (16N 16E) J.C.S. Grid	5	A	dark brown	CLAY SILT SAND	very organic		5° N	Meadow near alpine fir	SOIL PIT Doesn't have very good horizon development ie NO Az, B IS weak	24	2	1
80TAC202	" "	30	weak B	med TAN	SANDY SILT	mod.		"	"	PIT IS about 10M south of mag station 16N 16E	48	17	1
80TAC203	" "	50	C	lt brown	Pebbles	little org		"	"	- sample is reogolith from med. grained qtz monzonite with biotite, AND SILT AND SAND	18	22	1
80TAC204	SOIL PIT #2 16N 12E J.C.S. GRID	20	B	med brn	Sandy clay & cobbles	mod org (rootlets)		20° N	alpine fir AND Buckbeaver	- angular qtz monz with bio cobbles - very THIN A, NO Az,	56	10	7
80TAC205	" "	50	C	" "	CLAYEY SAND & COBBLES	little org		" "	" "		78	6	6
80TAC206	SOIL PIT #3 16N 20E J.C.S. GRID.	15	UPPER B	lt-med TAN	SANDY SILT	little		20° E	alpine fir	GOOD SOIL DEV. ~ 8cm Az, thin A, thick B — LOTS of subangular qtz monz cobbles	34	5	1
80TAC207	" "	45	LOWER B	ORANGE BRN	SANDY SILT	little		" "	" "		42	5	1
80TAC208	" "	60	C	YELLOW BRN	SANDY SILT	little		" "	" "		44	4	1

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

B.C. GOLD SYNDICATE

NTS 93N6

SAMPLER DON GUGLIELMIN & B. FRASER

PROJECT TARGET – HALO PROPERTY

LINE

DATE AUG. 9th AND 10th 1980

AIR PHOTO No.

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH	TRUE WIDTH	ASSAYS Cu ~~Au~~	Mo ~~As~~	W ~~Sb~~	
(1)	80790	AUG 9th ~150M SOUTH OF CAMP	MED. GRAINED BIOTITE QTZ MONZ	VERY IRON STAINED	TRACES OF DISSEMINATED MoS_2		RUSTY, SUBROUNDED BOULDER IN CREEK PLAIN SOUTH OF CAMP			—	>250	8	
(2)	80791	AUG 9th SOIL PIT 20S 16E	MED grained HBL, BIO. MONZONITE				RESIDUAL ROCK FROM SOIL HORIZON PIT			—	44	2	
(3)	80792	AUG 9th 20S 13E	" "		TRACES OF PYRITE AND CHALCO		" "			—	54	1	
(4)	80793	AUG 9th 19+80S 10E	MED. grained HORNBLENDITE		TRACES OF PYRITE		" "			—	3	1	
(5)	80794	AUG 9th 4S 12W	BIOTITE HBL MONZ				" "			—	5	2	
(6)													
(7)	80795	AUG 10th ~~QTZ VEIN OF PROPERTY~~	HBL, BIO, QTZ MONZ	VERY IRON STAINED	TRACES OF CHALCO		ROCK APPEARS TO BE A FRACTURE ZONE AS SOME SLICKENSIDES ARE VISIBLE			—	3	1	
(8)		WEST OF CLAIM POST 4N 0E					AND QTZ LINES THE SIDES OF SOME OF THE TALUS						
(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

NTS 93N6

SAMPLER DON GUGUELMIN & B. FRASER

LINE

PROJECT TARGET – HALO PROPERTY

DATE AUG 9th 1980

AIR PHOTO NO.

SAMPLE NO.	LOCATION	Depth CM	Horiz	DESCRIPTION Colour	Part Size	% ORG.	Ph	SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Cu ~~Au~~	Mo ~~As~~	W	
20S 18+60E 1	SOIL PIT AT UMEX	72	C	yellow brown	CLAY, ROCK FRAGS	little		0°	Meadow IN ALPINE FIR	PIT has NO A2 BUT HAS good, distinct horizons ~~NO MUCH~~ "C" IS RESIDUAL	400	67	2	
2	20S 18+60E	50	C	" "	" "	" "		"	"	A IS 0-15 cm B IS 15-30 cm C IS 30-72 (BOTTOM OF PIT)	330	45	4	
3	" "	30	B-C	lt brn	SANDY CLAY	SLIGHTLY		"	"	- INTERFACE OF 2 HORIZONS	270	96	3	
4	" "	22	B	med brn	CLAYEY SAND & SMALL PEBBLES	MOD.		"	"		126	57	1	
5	" "	10	A	dark BRN	" "	ORG WITH ROOTLETS		"	"		54	125	4	
1	20S 16E	60	C	yellow-lt brn	CLAYEY SAND	little		0°	alpine FIR	RESIDUAL, seems to have foliation to it - Rock # 80791 from here	550	110	1	
2	" "	38	C	" "	" "	" "		"	"	A 0-17 cm B 18-38 cm C 38-60 cm BOTTOM OF HOLE	325	89	1	
3	" "	25	B	med. brn	" "	ORGANIC		"	"		300	67	1	
4	" "	10	A	dark BROWN	" "	(ROOTLETS) " "		"	"	- NO A2	84	48	1	
1	20S 13E	45	C	ANGULAR ROCK CHIPS AND CLAY	Med brn	little		5° SW	ALPINE FIR AND SPRUCE	NO A2, RESIDUAL C C - 34-52 cm B - 18-34 cm A - 0-18 cm	295	165	2	
2	" "							" "	" "		114	35	2	
3	" "							" "	" "		62	49	1	
1	19+80S 10E	25 to 45	C	med brn	SANDY CLAY	SLIGHTLY		10° SW	" "	- NO A2, Bedrock (?) C Rock # 80793	118	34	1	
2		15 to 25	B	med brn	gravelly CLAY	MOD.		" "	" "	A - 0-12 cm B - 12-25 cm	66	27	1	
3		5 to 10	A	dark brn	SANDY CLAY	ORG.		" "	" "	C - 25-45 cm (sub otc)	84	57	1	
										C taken from between cobbles in ~~HC MON~~ Hornfels Nitra sub otc				

J.C. STEPHEN EXPLORATIONS LTD.

B.C. GOLD SYNDICATE

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

SAMPLER: DON GUGLIELMIN & B. FRASER

DATE: Aug 9th 1980

PROJECT: TARGET – HALO PROPERTY

NTS:

LINE:

AIR PHOTO NO.:

SAMPLE NO.	LOCATION	Depth CM	Horiz	DESCRIPTION Colour	Part Size	% ORG.	Ph	SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Cu ~~Au~~	Mo ~~As~~	W	
1	45 12W ON UMEK GRID	45 to 55	C	red brn	clayey ~~gravel~~ sand	little		20°W	alpine spruce AND FIR	-sub otc "C", poorly developed horizons A 0-12 cm	196	19	1	
2	" "	35 to 45	C	" "	" "	" "		" "	" "	B 12-35 cm Rock # 80794	188	14	1	
3	" "	20 to 30	B	" "	gravel AND CLAY	fairly		" "	" "	C 35-55 cm FROM BOTTOM	176	14	3	
4	" "	0-10	A	dark Brown	" "	ORGANIC		" "	" "		118	23	1	
	~~45 16W~~													
1	45 16W	45 -55	C	yellow -BRN	Rock Frags AND CLAY	little		15°W	alpine Spruce AND FIR		84	71	1	
2	" "	35 -45	C	" "	" "	" "		" "	" "		245	29	2	
3	" "	15 -35	B	Med brnd	CLAYEY SAND	MOD.		" "	" "		200	11	1	
4	" "	0-15	A	dark brn	" "	ORGANIC (ROOTLETS)		" "	" "		102	14	1	
1	45 20W	~~45 35~~	~~B-C~~	~~yellow BRN~~	~~Rock Frags AND CLAY~~	~~little~~				~~RESIDUAL~~				
2	" "	35 -45	C											
3	" "													
1	45 20W	43	B -C	lt BRN	SANDY ~~CLAY~~	little		15°W	open FIR	TRANSPORTED(?) "C" HOLE HAS MANY BIOTITE MONZONITE COBBLES	84	5	1	
2	" "	25 -35	B	Med BRN	SILTY CLAY	med.		" "	" "		86	4	1	
3	" "	0 -10	A	DRK BRN	" "	ORG (ROOTLETS)		" "	" "		90	13	1	

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GEOCHEMICAL DATA SHEET — STREAM SILTS

B.C. GOLD SYNDICATE

NTS 93 N 6

SAMPLER DON GUGLIELMIN

PROJECT TARGET HALO PROPERTY

CREEK HALOBIA

DATE AUGUST 10th 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 Cu ~~Pb~~	ASSAYS Mo ~~Zn~~	ASSAYS W.	
80TAW213	.30	8	SLOW		BOTTOM	BEIGE	COARSE SAND & SILT	ORGANIC		-TAKEN FROM START OF HALOBIA CREEK	70	1	1	
214	.60	6	SLOW -MOD.		BOTTOM -BANK	MED-BRN	" "	" "	NEAR HBL, BIO QTZ MONZ RUBBLE		88	2	1	
215	.80	12	MOD.		BOTTOM	COARSE AND MED. SAND & SILT	lt brn	MOD.			64	2	1	
216	.60	10	MOD.		BOTTOM	MED. / SAND AND SILT		little	QTZ MONZ FLOAT	TAKEN FROM TRIB. (NOT ON MAP) TO THE NORTH	92	5	10	
217	.90	8	MOD.		SAND BAR	COARSE SAND & SILT	lt brn	MOD.			138	1	1	
218	1.8	12	MOD TO FAST		BOTTOM	MED. SAND AND SILT	~~lt BEIGE~~ ~~Sil~~ brn	~~LITTLE~~ ~~MOD.~~ MOD.	MONZONITIC FLOAT	~~EXCELLENT SAMPLE~~	64	1	1	
219	2.0	14	MOD.		BOTTOM	" "	BEIGE	LITTLE	" "	EXCELLENT SAMPLE	52	2	1	
220	.90	15	MOD. FAST		" "	" "	" "	LITTLE	" "	" "	46	2	1	

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – STREAM SILTS

B.C. GOLD SYNDICATE

SAMPLER DON GUGLIELMIN

DATE AUGUST 11th 1980

PROJECT TARGET– HALOBIA PROPERTY

NTS 93N6

CREEK HALOBIA

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~~ Mo	ASSAYS W	ASSAYS Cu
80TAW221	1.0	15	FAST		BOTTOM	dk brn	med. SAND & SILT	MOD.	MONZONITIC FLOAT	excellent sample	44	1	1	
222	2.0	25	" "		" "	BEIGE	COARSE SAND	little	" "		42	1	1	
223	3.0	8	SLOW		" "	MED. SAND & SILT	BEIGE	" "	" "	TAKEN IN Bend IN CREEK where water is slower	42	2	1	
224	1.8	15	FAST		BOTTOM BANK	MED & FINE SAND AND SILT	MED BRN	MOD.	" "	TAKEN WHERE DIVIDED HALOBIA REJOINS	38	1	1	
80TAW225	1.5	15	FAST		BOTTOM	BEIGE	COARSE SAND & SILT	LITTLE	" "		36	1	1	