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J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

B.C. GOLD SYNDICATE

NTS 104N/5E, 6W

SAMPLER DON GUGLIELMIN (GAMMA)

PROJECT NX SYNDICATE ELDORADO CREEK

LINE

DATE AUG 10th, 11th, 12th, 13th 1981

AIR PHOTO No. BC 5676 No 275

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH / TRUE WIDTH	ASSAYS Au.	Ag	Sb.	
(1)	28201B	ELDORADO CREEK	MED GRAY CHERT	LOTS OF IRON STAINING	MODERATELY DISSEMINATED PY AND APY				<10	0.1		
(2)	28202B	" "	MAROON CHERT (JASPER)	CHLORITE ALONG FRACTURE SURFACES					<10	0.1		
(3)	28203B	" "	DARK GREY CHERT CONGLOMERATE	RUSTY	MOD. DISS. ARSENOPY.				<10	0.1		
(4)	28204B	" "	QUARTZ WITH CHERTY FRAGMENTS	IRON AND MANGANESE STAINING	TRACE GALENA?	(float)	IN ~~AREA BETWEEN~~ CONTACT AREA BETWEEN ~~Diabase~~ intrusive and CHERT		<10	0.1		
(5)	28205B	" "	12 CM THICK QTZ VEIN IN DIABASE	SOME IRON STAINING		(float)	vein has pale green talcy patches		<10	0.1		
(6)	28206B	" "	DRUSY QTZ IN DIABASE	~~RUSTY~~ SLIGHTLY RUSTY	DIABASE HAS MOD. DISS. APY				<10	0.1		
(7)	28207B	" "	DRUSY QTZ IN VOLCANIC GREYWACKE				IN 4 FOOT WIDE SHEAR ZONE TRENDING 238		<10	0.1		
(8)	28208B	" "	TALCOSE-QUARTZOSE SHEAR ZONE IN VOLCANIC GREYWACKE						<10	0.1		
(9)	28209B	" "	JASPER-CHERT - QTZ LINING FRACTURED DIABASE				30 FOOT ~~WIDE~~ FRACTURE ZONE (TRENDING 268)		<10	0.1		
(10)	28210B	" "	" "	MALACHITE, AZURITE STAINING	DISS. CHROMITE TRACE APY AND CHALCOPY?		FLOAT IN LINE OF SAME FRACTURE ZONE		<10	0.1	Cu 1100	Cr 93
(11)	28211B	" "	DIABASE		MOD TO STRONGLY DISS. PYRITE		FLOAT FROM BESIDE AN ENORMOUS BOULDER		20	0.1		
(12)	28212B	" "	MAROON VOLCANIC BRECCIA		STRONGLY MIN. COARSE EUHEDRAL DISS. PYRITE		QTZ-epidote vein ~2 CM THICK INCLUDED IN SAMPLE		100	0.1		
(13)	28213B	" "	EUHEDRAL QUARTZ LINING FRACTURE IN DIABASE						20	0.1		
(14)												
(15)												
(16)												
(17)												
(18)												
(19)												
(20)												

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

B.C. GOLD SYNDICATE

NTS 104N/5E, 6W

LINE

AIR PHOTO NO. BC 5676 No 275

SAMPLER DON GUGLIELMIN

DATE AUG 10th and 12th 1981

PROJECT NX SYNDICATE - ELDORADO CREEK

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Part Size	% ORG.	Ph	SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Au	As	Ag.
81NXGT1	TALUS LINE A				SILTY PEBBLY SAND	NONE		30° TO NORTH	NONE	CHERT AND DIABASE TALUS	10	16	0.1
81NXGT2	" "				PEBBLY SAND	SLIGHT		" "	SOME MOSS	" "	10	11	0.1
81NXGT3	" "				" "	MOD (ROOTLETS)		" "	GRASS AND FLOWERS	" "	<10	11	0.1
81NXGT4	" "				SILT AND COARSE SAND	NONE		" "	NONE	" "	<10	10	0.1
81NXGT5	" "				" "	" "		" "	" "	Very rusty, argillaceous AND CHERT TALUS	20	33	0.1
81NXGT6	" "				SILTY SAND	" "		" "	" "	CHERT, CHERT PEBBLE CONGLOMERATE WITH MOD. DISS. ARSENOPYRITE AS TALUS	<10	25	0.1
81NXGT7	" "				SILTY PEBBLY SAND	" "		20° TO N	" "	" "	10	16	0.1
81NXGT8	" "				COARSE SAND AND SILT	" "		25° TO N	" "	RUSTY CHERTY TALUS	<10	24	0.1
81NXGT9	" "				" "	" "		" "	" "	" "	<10	15	0.1
81NXGT10	" "				" "	" "		" "	" "	" "	<10	11	0.1
81NXGT11	" "				" "	" "		30° TO N	" "	" "	<10	6	0.1
81NXGT12	" "				" "	" "		" "	" "	" "	<10	6	0.1
81NXGT13	" "				" "	" "		" "	" "	SAMPLE NEAR BASE OF KINK BANDED PALE GREY-WHITE CHERT (KINK BANDING AXIAL PLANE 285/48°S)	<10	9	0.1
81NXGT14	TALUS LINE B			GREY	PEBBLY-COARSE SAND	" "		5° TO S-SW	none	TAKEN AT SHEAR ZONE AT SADDLE ABOVE CIRQUE WHERE ELDORADO CREEK	10	7	0.1
81NXGT15	" "			" "	SILT SAND	" "		0° "	" "	BEGINS. SHEAR ZONE IN SEDS? OR VOLCANICS BESIDE FRACTURED DIABASE	<10	4	0.1
81NXGT16	" "			GREY-BROWN	" "	" "		10° TO N	" "	~~COBBLE~~ INCLUDES DIABASE, SILICEOUS ARGILLITE AND MARBLE	10	7	0.1

J.C. STEPHEN EXPLORATIONS LTD.

B.C. GOLD SYNDICATE

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

SAMPLER: M. RADAN

DATE: AUG /81

PROJECT: ELDORADO CREEK NEWEX

NTS: 104 N/SE

LINE:

AIR PHOTO NO.: BC 5676 N° 275

	SAMPLE NO. 81-NX-	LOCATION	Depth	Horiz	DESCRIPTION Colour	Part Size	% ORG.	Ph	SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Au	As	Ag
SOIL	G-101	ELDORADO CREEK		B	DARK BROWN	FINE	LITTLE		MOD.	GRASS	- near outcrop of qtz. rich chert.	<10	10	0.1
	G-102	"		"	LIGHT BROWN	"	FEW.		SLIGHT	"	- " boulders volcanic gneiss.	<10	10	0.1
	G-103	"		"	"	FINE - MED.	0		MOD.	NONE	- " " rusty weathered diabase	<10	11	0.1
	G-104	"		"	BROWN	MED	SOME		SLIGHT	GRASS	—	<10	9	0.1
TALUS	GT-101	"			BROWN	FINE - MED	MINOR		SLIGHT	MOSS	- near diabase o.c.	<10	10	0.1
	GT-102	"			"	FINE	SOME		"	NONE	- "	10	7	0.1
	GT-103	"			"	FINE - MED	NONE		"	"	- "	10	6	0.1
	GT-104	"			"	MED - COARSE	"		STEEP	NONE	- " or some amphibolite	20	5	0.1
	GT-105	"			"	"	"		"	"	- same plus some "jasper" breccia	10	5	0.1
	GT-106	"			PURPLE BROWN	"	"		"	"	- o.c. above is purple jasper breccia	<10	10	0.1
where?	GT-107	"			"	"	"		"	"	- " " "	<10	9	0.1
	GT-108	"			LIGHT BROWN	FINE - MED	"		"	"	- fine grain amphibolite o.c. with minor qtz. veining	<10	7	0.1
	GT-109	"			"	"	"		"	"	- " " " "	10	5	0.1
	GT-110	"			"	MED - COARSE	"		"	"	- o.c. of purple jasper	<10	6	0.1
	GT-111	"			DARK BROWN	FINE - MED	"		"	"	- o.c. of banded chert & minor jasper	<10	16	0.1
	GT-112	"			LIGHT GREY	"	"		"	"	- o.c. rusty weathered chert	10	35	0.1
	GT-113	"			DARK GREY BROWN	COARSE	"		"	"	- " " " "	10	19	0.1
	GT-114	"			LIGHT BROWN	FINE - MED	"		"	"	- o.c. blue grey chert & jasper	<10	9	0.1
	GT-115	"			"	"	"		"	"	- rusty weathered & blue grey chert	10	23	0.1

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

B.C. GOLD SYNDICATE

ELDORADO CREEK

NTS 104N/SE, GW

SAMPLER M. RADAN

PROJECT NEWEX

LINE

DATE AUG /81

AIR PHOTO No. BC 5676 N°275

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH	TRUE WIDTH	ASSAYS Au.	Ag	Sb.	
(1)	27620 c	ELDORADO CREEK	CHERT		Minor Dissem. Pyrite		- highly silicified i.e. abundant free qtz.			<10	0.1		
(2)	27621 c	"	ARGILLITE	RUSTY WEATHERED	Dissem'd. Sulfides		- highly fractured			<10	0.1		
(3)	27622	"	POSSIBLE VOLCANIC GREYWACKE		Possible dissem. Arsenopyrite		- light grey to slightly green in colour			<10	0.1		
(4)	27623	"	"		Sulfides		- contains some free qtz. - blue-green, fine grained			<10	0.1		
(5)	27624	"	DERIVED AMPHIBOLITE?	RUST WEATHERING	Sulfides		- found as float near creek			<10	1.5		
(6)	27625	"	CHERT/ALMOST SLATE		Abundant Sulfides		- well bedded, platy, fractured			<10	0.1		
(7)	27626	"	DIABASE		Dissem. Sulfides		- green, fine grained			<10	0.1		
(8)													
(9)													
(10)													
(11)													
(12)													
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J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – STREAM SILTS

B.C. GOLD SYNDICATE

SAMPLER: M. RADAN

DATE: AUG /81

PROJECT: ELDORADO CREEK NEWEX

NTS: 104 N/5E, 6W

CREEK:

AIR PHOTO NO.: BC 5676 #275

SAMPLE NO. 81-NX-	VOLUME Width	VOLUME Depth	DRAINAGE	Ph	TYPE OF SAMPLE	COLOUR	TEXTURE	% ORGANIC MATERIAL	PETROLOGY OF BEDROCK AND/OR FLOAT	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Au	ASSAYS As	ASSAYS Ag	
T-1	5'	8-10"	SWIFT		SANDY SILT	LIGHT BROWN		0		- nearby O.C. is of chert & argillite	<10	11	0.1	
T-2	10'	1'	RAPID		"	BROWN		5-10%			20	10	0.1	
T-3	4'	4"	MOD. SWIFT		SANDY GRAVEL	GREY BROWN		~5%			20	9	0.1	
T-4	8'	4"	SWIFT		SILT	DARK BROWN		0		- near outcrop of volcanic gouke.	<10	15	0.1	
T-5	3'	2"	MOD SWIFT		SANDY GRAVEL	GREY BROWN		0		- " " " diabase	<10	22	0.3	
T-6	10'	6"	SWIFT		SILT	LIGHT BROWN		0		- O.C. rusty weathered black, slaty argillite	20	17	0.2	
T-7	3'	4"	"		SANDY GRAVEL	GREY BROWN		0		- O.C. of chert with sulfides.	<10	23	0.1	