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GEOLOGICAL, GEOCHEMICAL REPORT

ON THE

TERR 1 MINERAL CLAIM

RECORD NO. 1717

NTS 104K/8E

Latitude 58°28'N Longitude 132°12'W

by

J.M. PAUTLER

WORK DONE: DATED: SEPTEMBER 15, 1982

BY: J.C. STEPHEN EXPLORATIONS LTD.

FUNDED BY: NEWEX SYNDICATE

TABLE OF CONTENTS

LIST OF ILLUSTRATIONS

INTRODUCTION

The TERR 1 Claim is located along Terror Creek which flows into the Sheslay River 4.8 kms south of the junction of Tatsatua Creek and the Sheslay River. (See Figure 1 Location Map) The 20 unit claim is approximately 150 kms south east of Atlin, B.C.

The property was staked on the basis of anomalous silver and gold values found in quartz veins earlier in the 1982 season. Pyrite, chalcopyrite, galena, minor sphalerite, and possibly molybdenite or graphite were found in some of the veins.

Camp was situated at 2,000' along the east bank of Terror Creek, south of the property. If further work is conducted it is recommended that a camp be located near the top of the ridge which reaches an elevation of greater than 5,000 feet. This may require work to be completed early in the season when water or snowbanks are still present. Several open areas exist at the 4,000 foot elevation and the top of the ridge is completely open, allowing helicopter access.

FIGURE 1

NEWEX SYNDICATE

TERR 1 CLAIM

104K/8E

LOCATION MAP

1:250,000

Sept. 1982

Access and Topography

Access was by helicopter from Atlin, B.C. The area is, however, accessible by float plane to Tatsamenie Lake, south west of the claim, or to Camp Island Lake, north east of the property.

Helicopter transportation would be necessary from either of these lakes.

Elevations range from approximately 2000 feet (610 metres) near the junction of "Terror" Creek with Sheslay River to 5500 feet (1680 metres) above the head of Terror Creek. Topography is locally very rugged as shown on Figure 3.

REGIONAL GEOLOGY

Figure 2 is reproduced from G.S.C. map 1262A which accompanies Memoir 362 by J.G. Souther. The claim area is near the contact of Unit 6 Lower and Middle Triassic diorite and granodiorite and Unit 11 Lower and Middle Jurassic Takwahoni Formation. Unit 15 felsite and quartz-feldspar porphyry bodies intrude Unit 6. They are considered to be of Cretaceous or early Tertiary age.

The area lies to the east of the main Coast Range intrusive complex but unit 6 is considered to be a member of the Coast plutonic rocks. Unit 15 intrusives are thought to be closely associated with the Sloko Group volcanics.

Indications of lead zinc silver and gold mineralization have been found associated with, or related to, the Unit 15 intrusives.

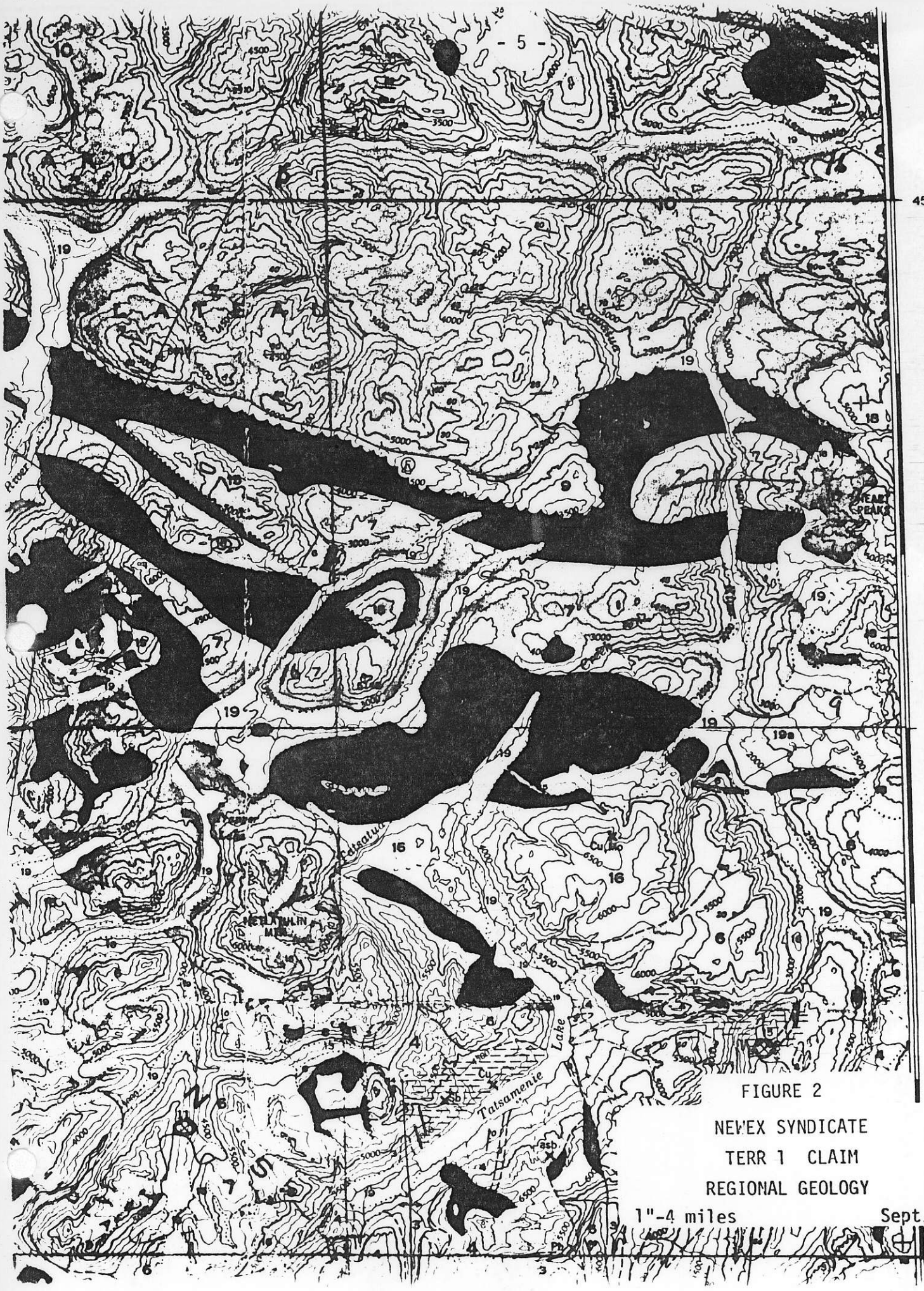


FIGURE 2

NEWEX SYNDICATE

TERR 1 CLAIM

REGIONAL GEOLOGY

1"-4 miles

Sept.1982

Prospecting and Geology

The geology of the property was mapped on a 1:31,680 air photo. (Refer to Figure 3). It appears to be fairly complicated with several intrusive bodies and volcanic rocks the latter of which are commonly highly altered. Sedimentary rocks consisting of shales of the Takwahoni Formation are present but do not appear to be an important unit. All the rock units are described below from oldest to youngest.

Unit 1 Diorite-Quartz Diorite-Granodiorite

(a) Diorite - medium to coarse grained; dark coloured commonly with chloritic alteration; contains white feldspar, quartz, chlorite, hornblende; chloritic and sericitic alteration is common; dark to rusty weathered surface; common minor disseminated pyrite.

(b) Quartz Diorite - Granodiorite - medium grained with less mafic constituents than 1a; contains white feldspar, quartz, biotite, hornblende; chloritic, sericitic alteration less common.

Unit 2 Takwahoni Shale

black to dark grey flaggy bedded shale; fine grained.

Unit 3 Felsic volcanic rocks (Sloko?)

grey to pinkish to greenish, (chloritic alteration); aphanitic to fine grained; ± pyrite; dark to rusty weathered surface; commonly with chloritic and hornfelsic (?), alteration

Unit 4 Quartz Monzonite

coarse grained; light coloured; quartz, white-grey feldspar, hornblende, ± biotite, ± pyrite.

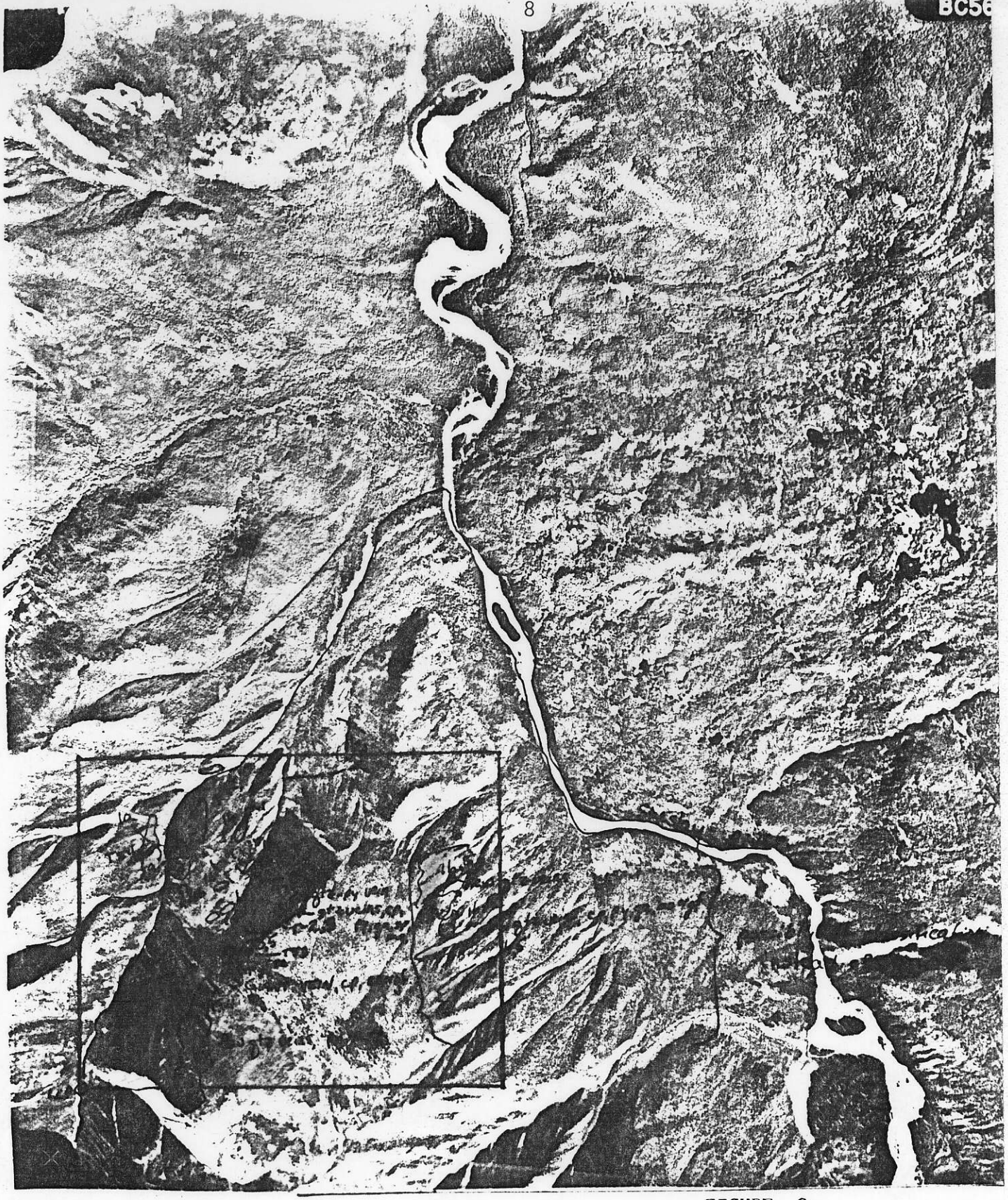
Unit 5 Mafic Sills

dark greenish-grey coloured; fine grained, uniform looking; forming sill-like bodies from 20 cm to a few metres in thickness; crosscut units 1, 3, 4; generally trending north to northeast.

The felsic volcanic unit does not appear on the G.S.C. map 104K. It is thought to belong to the Sloko volcanic unit because of the close association of the Sloko Group with unit 16 (Quartz Monzonite) and unit 15 (Felsite) on the G.S.C. map, and because of the resemblance to the description of the Sloko volcanic unit in G.S.C. Memoir 362. This unit occupies a rusty zone unconformably above the diorite-quartz diorite unit. Quartz monzonite occupies the ridge top above the volcanic rocks and cuts them off to the south. A very rusty pyritic-garnet bearing rock, appears to occur as small pods within the altered volcanic unit. However, a definite relationship was difficult to discern. This rock, however, is not very extensive.

The Takwahoni sedimentary unit, as mapped by the G.S.C., also extends across Terror Creek to the east and was found along the Northern boundary of the claim.

The Mafic sills appear to be the youngest and crosscut all the other units. A definite relationship with the sedimentary unit, however, was not observed. A definite correlation of the mafic sills with quartz veining in the area was not evident in the field. Quartz veins can be absent in areas with numerous sills but may also occur near the sills in other areas.



LEGEND

5 Mafic Sills
4 Quartz Monzonite
3 Felsic Volcanics
2 Shale
1 Diorite (a) chloritic
(b) Quartz diorite - Granodiorite

FIGURE 3
NEWEX SYNDICATE
TERR 1 CLAIM
GEOLOGY
1:31,680 approx

Quartz Veining and Mineralization

Quartz veins of all sizes cut the intrusive rocks and the volcanic unit. The general trend ranges from 05° to 50°. Veins range from a few millimetres to 10 to 20 centimetres to 1 to 2 metres to one large exposure of solid quartz 6 metres high with 15 metres of its length exposed. However the actual strike direction of this vein could not be determined. The vein, referred to as the GIANT VEIN, cut sericitized diorite or quartz diorite. During chip sampling of the vein it was noted that minor graphite or molybdenite was present at one end and chalcopyrite at the other.

The quartz veins in the volcanic unit ranged up to 1 to 2 metres in size, but were generally 2 to 20 cms wide. They generally contained abundant pyrite, ± chalcopyrite, galena, sphalerite and molybdenite or graphite? Very few quartz veins were found in the quartz monzonite but those that existed ranged from a few millimetres to 10 to 20 centimetres . The mineralogy was generally the same as for those in the volcanic rocks. The veins in the diorite, on the other hand, contained very little pyrite but chalcopyrite and molybdenite or graphite were evident.

Although quartz veining is widespread, on the property, it is also fairly scattered. The larger 1 to 2 metre veins are generally 50 to 100 metres apart and the smaller veins are at least 5 metres apart. It is highly probable that many more veins actually exist though, due to the rugged nature of the exposed outcrop and the absence of outcrop in certain areas, especially across the top of the hill. It is quite possible that a vein stockwork exists through the hill since veins have been found on both east and west sides of the ridge.

ASSAY AND GEOCHEMICAL RESULTS

Several significant silver and some gold values were returned from the quartz veins. One value of 0.028 ounces per ton Au and 29.57 ounces per ton Ag was obtained from a 0.6 metre x 1 metre sized talus block below a steep quartz vein system, (Vein 1). However, part of the vein exposed in outcrop ran only 0.006 ounces per ton Au and 3.22 ounces per ton Ag.

A 15 centimetre wide vein, (Vein 2), about 125 metres north east of Vein 1 ran 0.010 ounces per ton Au, 26.67 ounces per ton Ag. However 10 metres above this chip sample, another chip sample returned a value of <0.003 ounces per ton Au, 1.80 ounces per ton Ag. The vein was exposed for 20 metres after which it was covered by overburden.

To the south west of the GIANT VEIN and a little downslope what appears to be quartz felsenmeer blocks were sampled and these initially returned a value of >100 ppm Ag, 560 ppb Au and 1350 ppm Pb. However, upon resampling, values of only <0.003 ounces per ton Au and 1.08 ounces per ton Ag were obtained. The blocks are up to 1.0 metres x 0.6 metres in size and do not appear to be displaced very far.

Several smaller veins and vein systems were sampled. One 5 centimetre wide zone that extends 7 metres assayed 0.018 ounces per ton Au, 3.02 ounces per ton Ag. This occurs about 50 metres from Vein 2. North west of Vein 2, a 5 centimetre wide single vein, with unknown extent, assayed 0.080 ounces per ton Au, 1.18 ounces per ton Ag. A vein set between Vein 2 and the above vein contained several horizontal veins about 3 centimetres to 5 centimetres wide and 1 to 2 metres apart and returned a value of 7.20 ounces per ton Ag.

On the eastern edge of the property a few anomalous veins were found. However, only limited prospecting was conducted in this area. Several 3 to 10 centimetre wide veins occurring every 1 to 2 metres over 30 metres of outcrop were sampled and contained 880 ppb Au and 16.4 ppm Ag. A 20 centimetre wide vein in the same gully ran 400 ppb Au, 1.4 ppm Ag and another vein 20 centimetres wide ran 110 ppb Au, 3.6 ppm Ag.

Along Terror Creek several very steep outcrops containing quartz veins occur. On the east side of the creek a 7 cm wide vein ran 1200 ppb Au, 1.9 ppm Ag. Values of 40 ppb Au, 38.0 ppm Ag and 2300 ppb Au, 22.0 ppm Ag were obtained from small quartz veins on the west side of the creek.

The only even slightly anomalous value from the veins cutting the quartz monzonite was 100 ppb Au, 14.6 ppm Ag from one 50 cm wide vein.

A direct relationship of Ag or Au values with visible mineralization is not evident. However, the best Ag values are from samples that contain minor galena.

CONCLUSIONS AND RECOMMENDATIONS

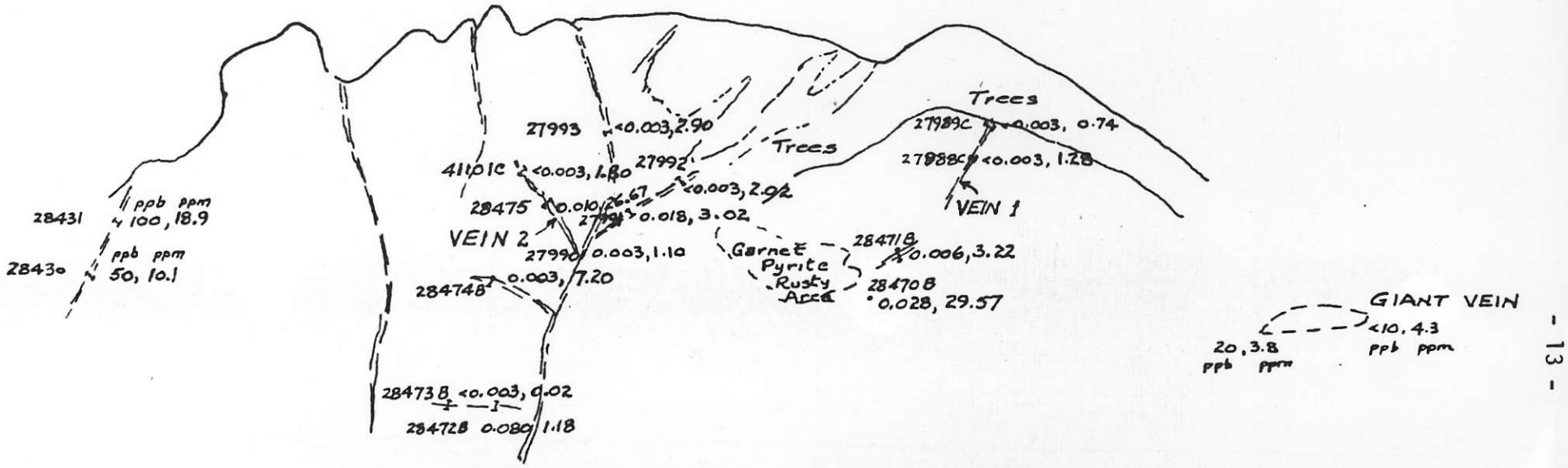
The veins found on the property to date are generally too far apart to be economical. However, the east-west trend of the vein occurrences through the ridge and across the creek, suggest a much larger stockwork. Furthermore, it is highly probable that many more exposed veins exist that have not as yet been found due to the nature of the topography.

On this basis further work should include detailed mapping of the property. The rusty ridge shown in Figure 4 should be mapped in more detail such as at 1:1000 or 1:2000 since many of the veins are exposed in this area. More work is needed on the east side of the claims and along the cliffs on Terror Creek to find additional veins. Trenching and/or additional sampling along anomalous veins should be conducted and should include the GIANT VEIN, which is cut off by heavy overburden.

Respectfully submitted,
J.C. Stephen Explorations Ltd.

J.M. Pautler

JMP/ms



Sample No. Au Ag Assay oz/T

FIGURE 4

1:2500 Sept 1982

NEWEX SYNDICATE

SKETCH OF VERTICAL SECTION

RUSTY RIDGE AREA

FACING SOUTHERLY

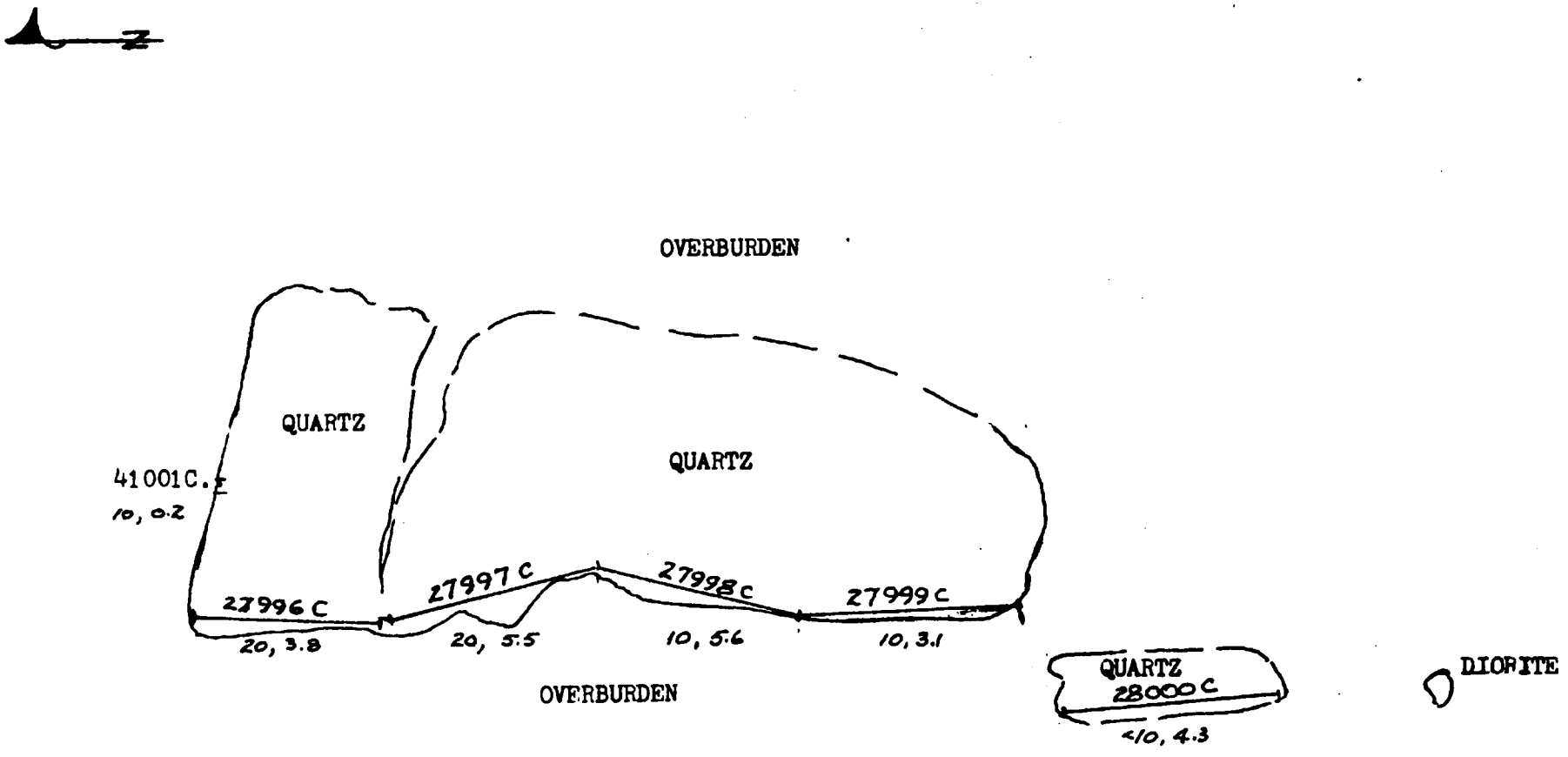


FIGURE 5

NEWEX SYNDICATE
VERTICAL SECTION
OF GIANT VEIN

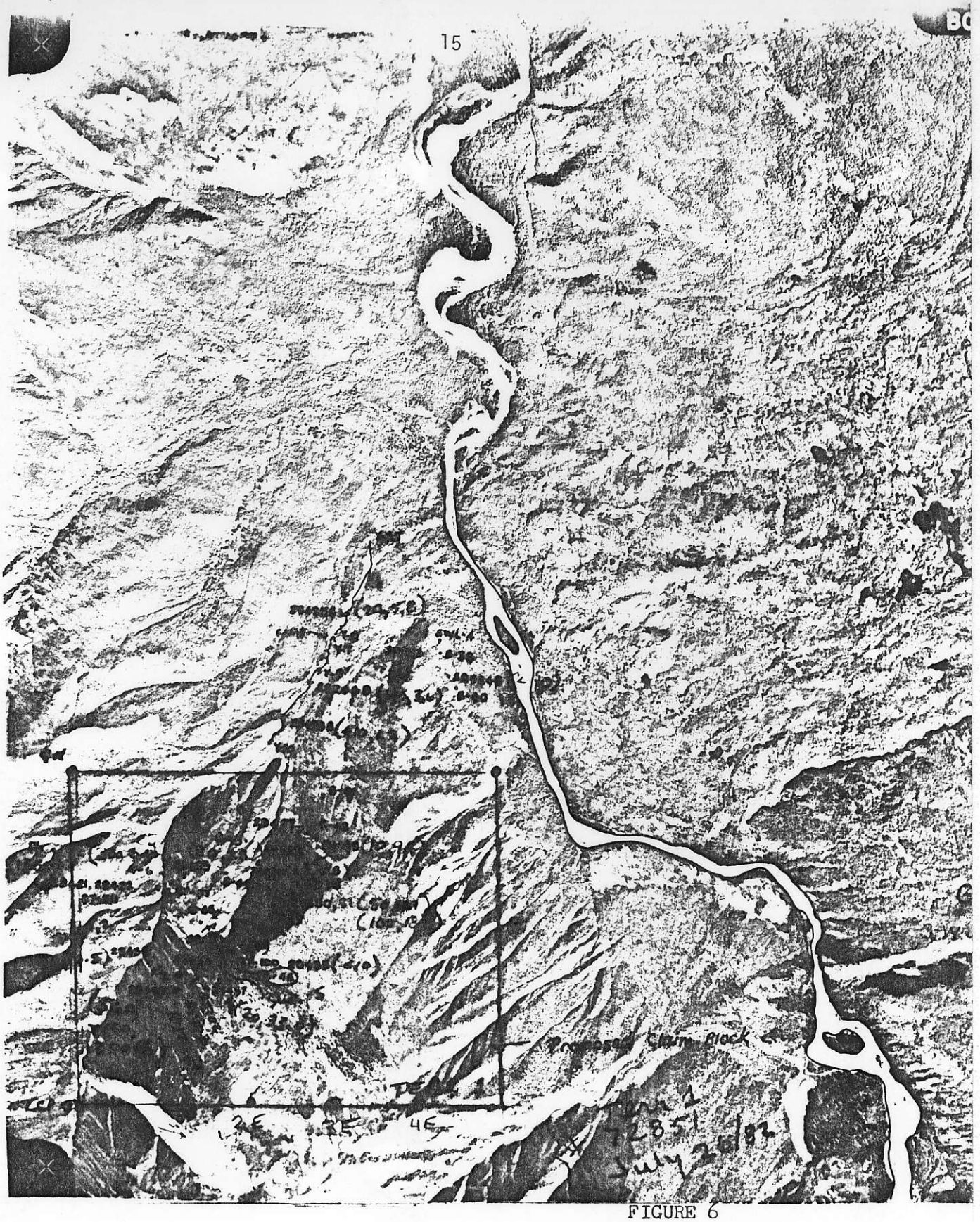


FIGURE 6
NEWEX SYNDICATE
TERR 1 CLAIM

SAMPLE LOCATION MAP

1:31,680 approx Sept 1982

FIGURE 7
NEWEX SYNDICATE
TERR 1 CLAIM

SAMPLE LOCATION MAP

1:31,680 approx Sept 1982

APPENDIX I

GEOCHEM AND ASSAY

DATA SHEETS

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

B.C. GOLD SYNDICATE

NTS 104 K - 8E

SAMPLER Glen Prior

PROJECT Tener Creek (Newex)

LINE

DATE July 29 - Aug. 3 '82

AIR PHOTO No. B.C. 5618 #155

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH (Date)	TRUE WIDTH	ASSAYS oz/t Au	Ag		
(1)	27986C	W Slope E of Creek.	Qtz Talus		Mo or Gn	Stringers	Up To 1/4" wide	July	29	<0.003	0.78		
(2)	87	"	" "	Sericite	Malachite And Cp.		50 cm long talus block - Some Drusy Qtz	"	29	<0.003	0.56		
(3)	88	"	2" Qtz Vein		Cp + Malachite		- Near Vertical - Numerous Qtz Veins In Area	"	29	<0.003	1.28		
(4)	89	"	Qtz Vein In 4" Vertical Shear Zone	Very Rusty	" "			"	29	<0.003	0.74		
(5)	90	"	1" Thick Rusty Qtz Talus		Fairly Massive Py; minor Cp + ZnS		27989?C is Probably Source Of This Talus.	"	30	0.003	1.10		
(6)	91	"	Rusty, Qtz Veined Shear (?) Zone In Siliceous Volcanic		Py > Cp; Minor Malachite, ZnS.		Zone is 1 1/4" wide. Extends ± 20' Along Outcrop.	"	30	0.018	3.02		
(7)	92	"	Rusty Qtz Vein Up To 3" Observed In Patch Over ± 10'x20'		Common Cp, Py Occ. Malachite, Rare ZnS		- Some Calcite - Host is felsic volc.	"	30	<0.003	2.02		
(8)	93	"	1 1/2" Rusty Qtz Vein		Py; Possible Minor Arseno.			"	30	<0.003	2.90		
(9)	94	"	1 1/2 Rusty Qtz Vein		Py.		Small, Poorly Formed Red Garnets (?).	"	30	<0.003	0.40		
(10)	95	Near E Boundary	Subparallel Qtz Veins 1" To 2" wide In Qtz Monz.		Scattered PbS, Cp, Py, ZnS, Malachite		About 1 Vein Every 5' Over 100' of Outcrop.	"	31	880	16.4	ppm	
(11)	96	W Slope E of Creek.	Qtz Outcrop Over 50'+	↑	Poss. MoS$_2$ Or Gn		Giant Vein Chip Sample #1 Over 10' (Farthest N of 5)	Aug.	1	20	3.8		
(12)	97	"	"	"Giant Vein"	—		Giant Vein Chip Sample #2 (Over 10')	"	1	20	5.5		
(13)	98	"	"	Chip Samples	—		Giant Vein Chip Sample #3 (Over 10')	"	1	10	5.6		
(14)	99	"	"	↓	Cp		Giant Vein Chip Sample #4	"	1	10	3.1		
(15)	28000C	"	"	↓	Occasional Cp And Silver-Gray Mineral		Giant Vein Chip Sample #5 (Over 10') - Farthest S.	"	1	<10	4.3		
(16)	41001C	"	Qtz		Poss MoS$_2$ (Probably Gn.)		N Side of Giant Vein	"	1	10	0.2		
(17)	41002C	"	Rusty Qtz Monz.	Somewhat Bleached.	Occ. Diss. Py. Cubes.		Rusty Probably Due To Shearing.	"	2	<10	0.1		
(18)	03	"	Small (<1") Rusty Qtz	Qtz Veins In Monzonite	Diss. Py		Associated with Shearing? - Slickensides Observed	"	2	<10	1.2		
(19)	04	"	Rusty Qtz Small (≈ 1/2") Qtz Veins	Monz. with	Occ. Diss Py			"	2	<10	0.4		
(20)	41005C	W of Creek	≈ 4" Rusty Zone with Qtz Vein In Bio Granite	Sericitized, Occ. Narrow (<1/4")	Cp, Py + Malachite		Cp And Py Extend Short Distance Beyond Altered Zone.	"	3	40	38.0		

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

B.C. GOLD SYNDICATE

NTS 104K - 8E

SAMPLER Colin Fair

PROJECT Terror Creek (Lower)

LINE

DATE Aug 3 '82 (Page 2)

AIR PHOTO No. B.C. 5618 #155

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH / TRUE WIDTH	ASSAYS Au.	Ag	Sb.	
(1)	41006C	W. Terror Creek	Qtz Breccia 3" wide in Diorite	Intense to Chloritic	Py, Minor Cp		Vein Strong Cont Continuity up hill side	Avg 3	20	3.2		
(2)	41007C	"	Late Felsic Dikes	2" wide	Cp Fairly Common		Taken from Strike Below 41005 and 41006.	4 3	2300	22.0		
(3)												
(4)												
(5)												
(6)												
(7)												
(8)												
(9)												
(10)												
(11)												
(12)												
(13)												
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(16)												
(17)												
(18)												
(19)												
(20)												

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

B.C. GOLD SYNDICATE

NTS 104 K/8E

SAMPLER J. Pantler

PROJECT Newex - TERR I

LINE

DATE July 27 - Aug / 82

AIR PHOTO No. BC 5618 155

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH	TRUE WIDTH	ASSAYS oz/t Au.	Ag	Go	
1)	28468B	TERR 1	drusy qtz vein	rusty			dior - qtz dior host.	2-3	cm	<0.003	0.01		
2)	28469B	"	diorite	silicif. rusty weath			near 28434B. sec. mica			<0.003	0.01		
3)	28470B	"	quartz		Mo or gf.		angular talus 0.6 m x 1m size			0.028	29.57		
4)	28471	"	qtz vein	rusty	ga Mo??	50°/W	Above 28437B	15-20	cm	0.006	3.22		
5)	28472	"	qtz vein + silicif zone		py, ga, sp minor sp				5cm	0.080	1.18		
6)	28473B	"	Drusy qtz vein			10-20°	S of 28472B		"	<0.003	0.02		
7)	28474B	near BT-100	"	~~near BT-100~~	py, cp, ga, sp? malachite		several veins few cms wide in this area.		3cm	0.003	7.20		
8)	28475B	~~W side~~	qtz vein	rusty	py, Moor ga? v. minor sp?	135°/	50E		15cm	0.010	26.67		
9)	41101 C	"	qtz vein	"	py		10 m. above 28475		15	<0.003	1.80		
10)	41102 C	E side 3rd gully	"		py, malachite	25°/	shallow		20	ppb 110	ppm 3.6		
11)	41103 C	"	qtz vein + silicif zone	rusty		30°/W	above 41102			<10	0.1		
12)	41104	"	qtz vein	"	lots py	20-25° / steep	near top of gully		20	400	1.4		
13)	41105C	fox rusty ridge	silicif. felsic volc.	rusty	py, black specs					20	0.2		
14)	41106	"	silicif intrus with cherty qtz vein		py, trem?	05°			3	<10	0.1		
15)	41107	"	qtz monz	v. rusty weath.	py seams		further SW than 41106			<10	0.5		
16)	41108 C	"	qtz vein silicif zone		py - lots	40°	" " " 41107 2 veins 10 cm wide			20	1.5		
17)	41109 C	"	qtz vein zone		py sp?	10°/step	below 41108C		50	100	14.6		
18)	41110 C		qtz feldspar	rusty	ga, v. minor py		below 28438B which ran 7100 ppm Ag			[illegible]	1.66	<0.003 Au	
19)	41111C	Above 28423	silicif. dior. with qtz veinlets		ck		0.5 mm qtz veinlets.			60	0.4		
20)	41112	"	drusy qtz veins	rusty dior. host					2cm	130	0.4		

J.C. ST. HEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHE[illegible] – ROCK GEOCHEM SAMPLING

B.C. GOLD SYNDICATE

NTS 104 K/8E

SAMPLER J. Pautler

PROJECT Newex – TERR 1

LINE

DATE Aug 3 1982

AIR PHOTO No. BC 5618 154

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH	TRUE WIDTH	ASSAYS Au.	Ag	Sb.	
1)	41113 C	TERR 1	v. altered dior or volc		purple min.		SW of 28423			10	0.1		
2)	41114 C	"	drusy qtz vein		minor py, cp, ga.		" " 41113		7cm	1200	1.9		
3)													
4)													
5)													
6)													
7)													
8)													
9)													
10)													
11)													
12)													
13)													
14)													
15)													
16)													
17)													
18)													
19)													
20)													

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

B.C GOLD SYNDICATE

SAMPLER J Pantler

DATE July 27 – Aug 4 /82

PROJECT Newex – TERR 1

NTS 104K/8E

LINE

AIR PHOTO NO. BC 5618 155

SAMPLE NO.	LOCATION	Depth cm	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS				
				Colour	Part Size	% ORG.	Ph				Au	As	Ag	Pb	Cu
NXT BT-106	2nd Rusty Ridge	3	C	lt-med br	coarse	none		mod.	—	Rusty Qtz + Marz ote, in lge gully on W. side claims					
BT-107	ote above 28421	2	C	rusty br	med	—		"	grass	below altered diorite ote					
BT-108	"	—	C	rusty	"	—		"	—	beneath Diorite.					

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

B.C. GOLD SYNDICATE

NTS 104K/2E

SAMPLER J. Parker, [redacted]

PROJECT NEWEX - SW LUNG (Terror Ck)

LINE

DATE July 2 - July 7/82

AIR PHOTO No. BC 5618 154

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	True Width	Zn	ASSAYS Au.	As.	Ag	Pb
(1)	28421 B	E side Terror Ck	qtz vein	in altered diorite host	minor ga, cp, sphal [redacted]		angular float from below diorite ck.		770	<10	65	0.5	1350
(2)	28422	"	"	very rusty "	sphal [redacted]		" " "		600	<10	>1000	0.2	
(3)	28423	"	qtz veinlet	diorite host	cp. (minor)		rusty diorite etc N and above 28421	3-4 mm	3-4 mm	300	43	1.3	
(4)	28424	On nose of felsite facing S/W/SW	altered felsite with [redacted] vein qtz							<10	15	0.1	
(5)	28425	Terror Ck downstream from camp	subang qtz float	rusty, drusy	v minor ga?					20	7	[illegible]	70
(6)	28426 B	Terror Ck upstr from camp	subround qtz float		dissim ga?		20 cm diam.			<10	20	3.6	35
(7)	28427	rusty ridge E of Ck.	qtz veinlet and [redacted]	siliceous gfp host	abundant py.		1cm wide veinlet talus bld beneath rusty ote			340	235	42	
(8)	28428	W of 28427	qtz vein	rusty	abundant py cubes + dissem.		30 cm talus bld.			80	410	28	
(9)	28429	above 28428	altered gfp		[redacted] py?	malachite				10	130	5.9	?
(10)	28430	above 28429 at top of SW gully	drusy qtz vein	rusty	abundant py	18° /	1-2m wide vein zone			50	>1000	10.1	
(11)	28431	above 28430	same vein	"	"	"	" 20 m long exposure			100	>1000	18.9	
(12)	28432	In lge gully	angular qtz bld.	somewhat rusty	ga? no py		0.75 x 0.5 m dimensions			20	74	7.8	
(13)	28433	Along Terror Ck near Y-16	granitic (altered) bld	very rusty	abundant py		subrounded bld 0.5m diam.			<10	7	1.2	
(14)	28434	On top of ridge across gully from rusty ridge	v altered qfp?	silicified v rusty Mn staining	some py sec. bio					<10	20	0.4	
(15)	28435	Above, across gully from 348	garnet-chl ? xl-clad rt.	v rusty Mn stained	abundant py garnet, chl		fine diorite host [redacted] at BT-100			<10	85	0.6	
(16)	28436	just SW of 28435	"	"	more py & garnet, chl.		at very rusty part of rusty ridge			20	510	1.9	
(17)	28437	up and SW of 28436	qtz vein, drusy	rusty	minor py, v minor ga?		cubic cleavage visible			20	140	33	220
(18)	28438	further SW past rusty ridge	abundant ang qtz talus blds	partly rusty	py, ga & [illegible]					560	>1000	>100	1350
(19)	28439 B	Terror Ck. E side - lge rusty ote	diorite	silicified, very rusty	pyritic					30	29	6.5	
(20)													

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – STREAM SILTS

B.C. GOLD SYNDICATE

SAMPLER J Panther, S Kay

PROJECT Newex – SW. Lung

NTS 104K/8E

DATE July 8 1982

CREEK

AIR PHOTO NO. BC 5618 154

SAMPLE NO.	VOLUME Width (m)	VOLUME Depth (m)	VELOCITY	Ph	TYPE OF SAMPLE	COLOUR	TEXTURE	% ORGANIC MATERIAL	PETROLOGY OF BEDROCK AND/OR (FLOAT)	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Au	As	Ag	Zn/Pb
NX-Y-5	3	0.6	v. fast	–	bank	v. lt brown	fine	few	granitic, metaseds	located just past Y-10	10	36	0.1	58/5
Y-6	3	0.8	"	–	old channel	lt brown	med.	few	"		10	65	0.2	74/6
SILT LINE NO. 1														
Y-7	6	0.8	"	–	"	lt brown	fine	none	granitic	line of silt samples; moving upstream; S. side; 50m intervals	~10	36	0.1	66/5
Y-8	4.5	0.7	"	–	flood plain	"	med-coarse	few	"					
Y-9	5	0.6	"	–	old channel	lt brown	fine	few	"					
Y-10	3	0.6	fast	–	flood plain	"	med	"	"					
Y-11	4	0.8	fast		"	lt brown	fine	few	"	past 28426				
Y-12	3	0.6	"		old channel	med brown	med	few	sed & granitic					
Y-13	4	0.4	v. fast		"	lt brown	fine	"	"					
Y-14	4	0.7	"		old channel	med br.	med	none	sed. boulders					
Y-15	2.5	1.0	"		flood, old channel	med br.	med	few	granitic					
Y-16	5	0.9	"		flood bank	lt br.	med-coarse	few	"					
Y-17	4	0.8	fast		"	"	fine	"	"					
Y-18	3.5	0.7	"		"	med br.	med	"	"					
Y-19	6.5	0.5	"		flood bank	lt brown	fine	none	granitic & sed.					
Y-20	3	0.5	"		"	"	med	few	"		40	36	0.1	64/6
SILT LINE NO. 2														
Y-21	0.5	10cm	mod flow	off main ck. →		"	fine	none	granitic qtz, metased	downstream from camp, S side; 50m intervals				
Y-22			fast	"	old channel	lt brown	fine	"	granitic metased					
Y-23	0.6	15cm	mod	"	"	"	med (fine)	"	all kinds					
Y-24	0.6	10cm	mod	"	"	"	fine	few	"					

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – STREAM SILTS

B.C. GOLD SYNDICAT

SAMPLER J Pautler, S. Kay

DATE July 8, 1982

PROJECT Newex - SW Lung

NTS 104 K/8E

CREEK

AIR PHOTO NO. BC 5618 154

SAMPLE NO.	VOLUME		VELOCITY	Ph	TYPE OF SAMPLE	COLOUR	TEXTURE	% ORGANIC MATERIAL	PETROLOGY OF BEDROCK AND/OR FLOAT	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
	Width (m)	Depth (m)									Au	As	Ag	Zn/Pb
NX- Y-25	nc	stream nearby			old channel	lt brown	fine	none	granitic/seds					
Y-26	"	"	"		"	"	fine	"	"					
Y-27	0.6 ~~10cm~~	10cm ~~20cm~~	(small stream)		"	"	fine	none	"					
Y-28	"	20cm			"	"	"	"	"					
Y-29	"	"			"	"	"	"	"					
Y-30	"	"	between small stm & main ck		old channel	"	"	few	"					
Y-31	0.6	5cm	small stream		"	med br.	"	none	"					
Y-32	0.6	10cm	mod		"	lt br.	fine	none	granitic & seds					
Y-33	"	"	slow		"	"	"	"	"					
Y-34	0.4		slow		"	"	med	"	"					
skipped Y-35	0.3		slow		old channel	"	fine	"	"		410	36	0.1	22/1

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

SAMPLER J Pautler

DATE July 8, 1982

PROJECT Newex - SW Lung

NTS 104K/8E

LINE

AIR PHOTO NO. BC 568 154

SAMPLE NO.	LOCATION	Depth Cm	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS				
				Colour	Part Size	% ORG.	Ph				Au	As	Ag	Pb	
NX-B-39	along GFP knoll S of camp	2	B	brown	sandy silt	abundant		gentle	spruce alder juniper	felsite o/c; on nose of QFP (SWL-4)	20	15	0.2	4	9
B-40	"	3	B	lt brown	silty sand	mod		mod	scrub alders		90	20	0.1	5	4
B-41	S side of rd.	–	B	lt brown	clayey sand	few		steep	alder poplar scrub	upstream from camp	<10	33	0.1	4	5
B-42	"	5	B	lt brown	sandy	few		mod	alder "	overlying qfp or felsite OTC	<10	38	0.1	9	6
B-43	along rusty ridge	2	B	med br.	med sandy	abund.		mod	"	diorite OTC	<10	370	0.1	11	10
B-44	"	2	B	"	fine silty sand	mod		steep	scrub poplar pine	overlying diorite, same ridge as B-43	10	140	0.1	11	4
B-45		7	B	rusty or.	med sandy	abund		gentle	"	above B-44 in qfp	<10	37	0.1	12	4
B-46		–	B	rusty br.	fine sandy	mod		flat	bushes	on top of ridge above B-45; at OTC of rusty qfp (sample 25434B)	<10	29	0.1	5	5
B-47		2	B	lt brown	"	mod		mod	poplar scrub balsam	rusty qfp OTC	10	530	1.2	68	13

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – ~~SOIL~~ TALUS SAMPLING

NTS 104K/8E

SAMPLER J. Pautler

PROJECT Newex - SW Lung

LINE

DATE July 8/1982

AIR PHOTO NO. BC 5618 154

SAMPLE NO.	LOCATION	Depth (cm)	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS				
				Colour	Part Size	% ORG.	Ph				Au	As	Ag	Pb	Cu
NX-BT-571	S side of ck, upstream	–	C	med br.	fine sand	none		mod	none	beside BT-97,	20	115	0.2	10	9
NX-BT-97	S. side of T. Ck.	–	C	rusty or.	med	none		steep	balsam birch, alder	altered diorite OTC ū rusty spots	410	870	0.3	6	8
BT-98		–	C	dk brown	coarse	mod		mod	poplar spruce	below qtz-vein in gully (28430B)	20	780	2.5	133	7
BT-99		–	C		med–coarse	few		steep	none		130	>1000	16.3	80	45
BT-100		–	C	rusty or	~~med~~ fine sandy	few		mod	none	v. rusty altered talus blx; (sample 28435B)	20	575	0.5	35	14
BT-101	E of BT-100	5	C	sl rusty or.	fine silty sand	mod		mod	shrubs grass	rusty & non rusty qfp talus	10	460	1.1	63	6
BT-102	SW of BT-100	1	C	rusty or	fine sandy	none			scrub reg.	below rusty py. OTC	90	>1000	1.8	21	2
BT-103		2	C	med br.	fine sandy				balsam	below rusty OTC; some qtz. talus	60	>1000	0.6	48	8