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J.C. STEPHEN EXPLORATIONS LTD.

WEEKLY CAMP REPORT

TEEPEE PEAK

PROJECT NEWEX CAMP NAME FREDDIE

NTS MAP SHEET 104M DATES Aug 10 - 16 1982

AIR PHOTOS BCS686 #138,140 LAT. & LONG. 59°42' / 134°42'
#236,238
#112.

SILT SAMPLE SERIES 1,2.

SOIL SAMPLE SERIES —

ROCK SPECIMEN NUMBERS 32857-59C
32701-07C

Alison Candy
Norm Silins
Mary Webster

Aug 16/82.

Tupper Peak, Map Sheet 104A; 59°42', 134°42'

Our camp was located on the NE side of Tupper Peak. We camped quite high, well above treeline to allow easy access to the peak and surrounding area. Traverses covered ground as far north as Skelly Lake as well as ~~investigation~~ to investigate the granite intrusive in the centre of the peak. The west side of Tupper Peak ~~has~~ has very rough terrain so access was limited.

The dominant rock type was quartzite schist. Stages of alteration gneissic to schistose to chloritic were ~~followed~~ traced in walking north from our camp to Skelly Lake. Red garnets were found in the schistose malm. The garnets were small (max 1/8" diameter) but bright red colour and disseminated along cleavage planes. The schist varied in amount of contortion with the most disturbed regions being near the central ~~in~~ granite intrusive of Tupper Peak. The schist always displayed layers of "sweated" out silica; the larger silica seams (8-10" diam) were found at greater distance from the granitic intrusives. Chalcopyrite was found at one location but there was no extent on surface of the mineralization. (32707C) Disseminated pyrite was present throughout the quartzite but was usually very fine.

Volcanic rocks overlie the quartzite and are found mainly on Tupper Peak itself. Feldspathic tuffs and lapilli tuffs were identified. Some disseminated pyrite is visible and one sample was taken.

Limestone appears in north striking, vertically dipping beds up to 100' wide. The beds appear as a single unit, pure white

is colour, in small areas marbleized but barren of fossils and skarn mineralization. The limestone is marked on the airphotos #138, 140 & 236.

Porphyritic intrusives are noted in the ridge north of camp and in the stream (#138) further north. There is no absolute pattern to these intrusives in either occurrence or shape. There is little sulphide mineralization visible in the dark amphibole rich masses. Dykes of fine granodiorite intrude discordantly the quartzite schist. There is a general trend for these dykes to dip gently east and often intrude each other.

Samples

1. Limestone
2. Limestone contact to quartzite schist
3. Quartzite schist
4. Volcanic Porphyritic intrusive - epidote
5. Biotite-Hornblende Granodiorite (?) intrusive.
6. Quartzite schist with sulphides (float)
7. Quartzite schist - Quartz - Chalcopyrite
8. Quartzite schist - Red garnets

Units

Unit 1 - as described Unit 1 of Bennet Map Sheet 104M.
- quartzite schist dominated this area although mica rich quartzite to mica rich gneissic outcrops were mapped as local variations to the schist.

Unit 2 - Limestone (described as Unit 3, 104M)
- pure white, no foliation, narrow chert stringers on occasion, no sulphides or skarnification.

Unit 3 - Volcanics - (described as A, 104M)
- no underlying slate or greywacke ~~as~~ described but our rocks seemed to be more like unit 7 of map sheet 104M
- feldspathic tuffs with little foliation or mineralization.

Unit 4 - Granite (described as unit 6, 104M)
- Coast intrusions, fine grained, low in mafics, little mineralization, sharp contacts to schist and volcanic intrusives.

Unit 5 - Dykes or Sills of felsic, low sulphide content rock. Granodioritic and fine grained. General east dip and parallel strike of 20-40' wide dykes. Discordant to schist. (described as Unit 8, 104M.)

Previous Work: Dupont ~~Fto~~ staked at least 16 units June 12/81. The claim group name was KEAP and covered the area in which we found the greatest amount of mineralization. See airphoto BC5686 #138 in reference to the stream draining SW. We took a number of samples in this area but found pyrite to be the dominant sulphide. Very little mineralization except finely disseminated pyrite in the quartzite schist was found. This staked area is believed to cover the south nose of the granitic intrusion south of Skully Lake.

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GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

B.C. GOLD SYNDICATE

NTS 104M

SAMPLER N. Silins, M. Webster

PROJECT TEEPEE PEAK - NEWEX

LINE —

BC 5686 #236, #138, #140

DATE Aug 15/82

AIR PHOTO No.

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH	TRUE WIDTH	ASSAYS Au.	As.	Sb.	Ag
(1)	32857C	#138	Intrusive	Oxidation	Chlorite / py	—	Contact sharp to granite			<10			0.3
(2)	58C	#138	Granite	"	py	—	fine grained ± diss. py			10			0.4
(3)	59C	#138	Qtzite schist	"	py	—	Chlorite-rich : gneiss.			<10			0.2
(4)	32701C	#236	Qtz. vein	rusty colour	py	—	bull qtz ± little py			40			0.5
(5)	02C	#140	Felsic porph. dike	bleaching.	py	00/90°	discordant to schist country rock			10			0.6
(6)	03C	#140	Qtzite schist	oxidation on surface	py.	—	contorted foliation, qtz segregated out.	1/2" max.		<10			0.4
(7)	04C	#138	Qtzite schist	oxidation of py	py.	—	float - no source found.			<10			0.7
(8)	05C	#138	Qtzite schist	"	"	—	py & qtz layers very thin.			<10			0.5
(9)	06C	#138	Qtzite schist	oxidation of py	py	—	little less contorted than usual			<10			0.1
(10)	07C	#138	Qtz + Chalco	Malachite stain	chalcopyrite	—	3' qtz bleb ± chalco, no extent.		Cu >10,000	10%			>100.0
(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 Norm Silins, M. Webster

DATE Aug 13/82

PROJECT TEEPEE PEAK – NEWEX

NTS 104 M

CREEK N. of TEEPEE PEAK

AIR PHOTO NO. BC 5686 ~~#138~~ #138

SAMPLE NO.	VOLUME Width	VOLUME Depth	VELOCITY	Ph	TYPE OF SAMPLE	COLOUR	TEXTURE	% ORGANIC MATERIAL	PETROLOGY OF BEDROCK AND/OR FLOAT	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Au	ASSAYS As	ASSAYS Ag	
1	3'	1/2'	med.		silt	light br.	fine to sandy	6%	gneiss schist	granite outcrop nearby	✓		✓	
2	3'	1/2'	med.		silt	"		5%	"	no outcrop visible – much till.	✓		✓	