SM / May 12/81

(1)

Regional (CK)
Traverse

raining + cool

Scale 1:10,000

1 km = 10 cm.

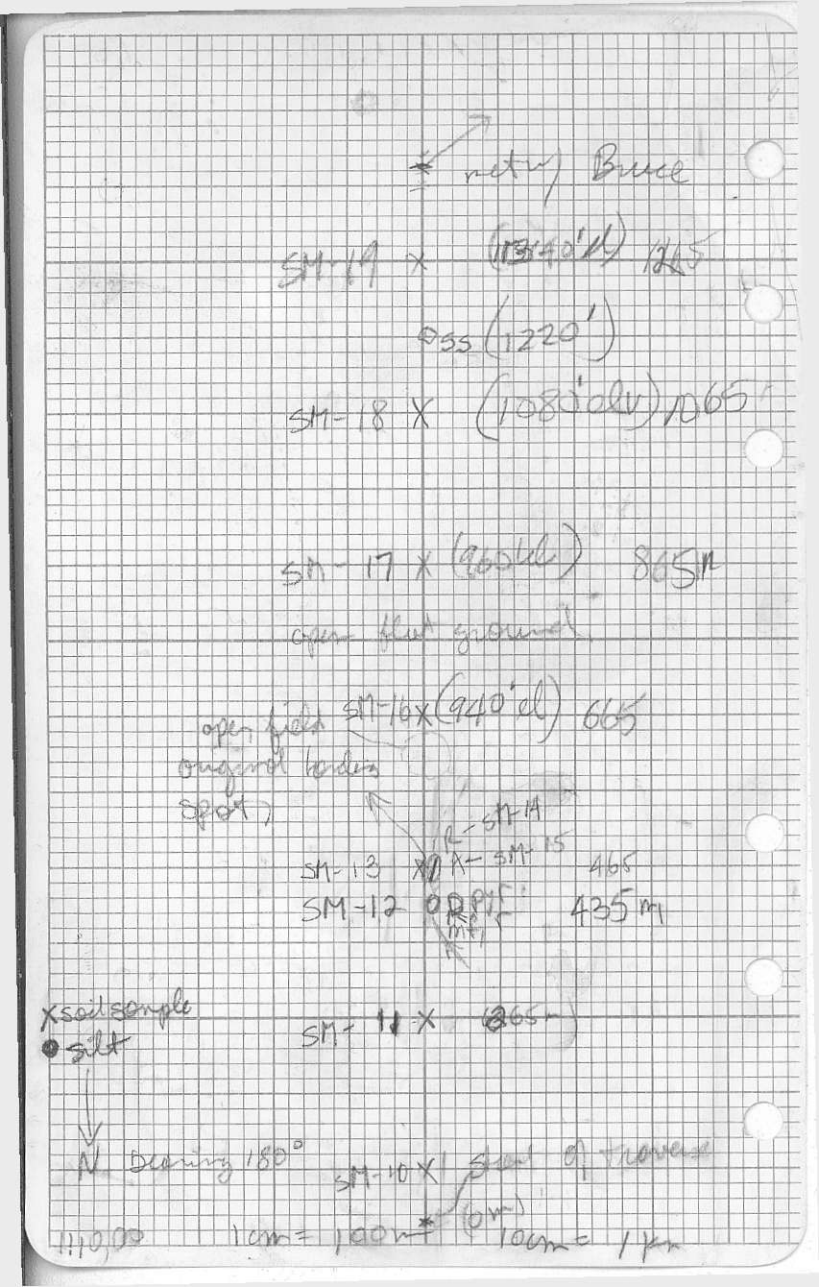
KC

SM

12 May

GEOL

840992
King-Courte
1981


N
retw/ Bruce
SM-19 X (1540'el) 1265
955 (1220')
SM-18 X (1080'elv) 1065
SM-17 X (wooded) 865m
open- flat ground
SM-16 X (940'el) 665
open field
ground holes
spoil
SM-15
SM-13 X 465
SM-12 X 435m
SM-11 X
X soil sample
silt
N Bearing 180°
SM-10 X
Start of traverse
(0m)
1cm = 100m
1cm = 1km

METRIC
FIELD (S)

SM May 12/81 KC

elevation 1280 (chopper alt.)
Tuorgilalto 2400 ft peak - due N
peak < 2100 ?1500 - 110°
head 180 for 1200m should
meet up with Bruce + Colin on top of ridge

SM-10 - soil sample 65 m. B hor.
Lt Brown - 45% clay 10% org
45% silt
SM-11 soil - 265 m B hor
Lt Brown 20% org 40% clay, 40% silt

435 m - ~~Rhyolite~~ - to pyroclastic
435 dacite? mt, r pyr in fragments
dacite -> ch alt
pyr v.f gr
SM-12 ~~soil~~ - mostly cpyr

465 m 1000 ft elev.
SM-13 soil red brown - 50% clay
10% org 40% silt B hor
Rhyolite dyke - r pyr if SM-14
cutting fragmental andesite pyr r
(coarsely) SM-15 wf, cvn
dyke strikes 220°
fault zone 020/50°E

665 - soil SM-16 lt brown B hor
40% org 60% silt.

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DUKSBAK WATERPROOF

METRIC FIELD (S)

SM May 12 81 HC (4)

865 m SM-17 soil sample
(960' elev) Lt brown B hor
55% organic 45% silt/clay

1065 m SM-18 soil
(1080 el) Rel brown B hor
60% silt 25% clay
15% org
- boulders of ss. grav -
arkosic & pelecypod fossil

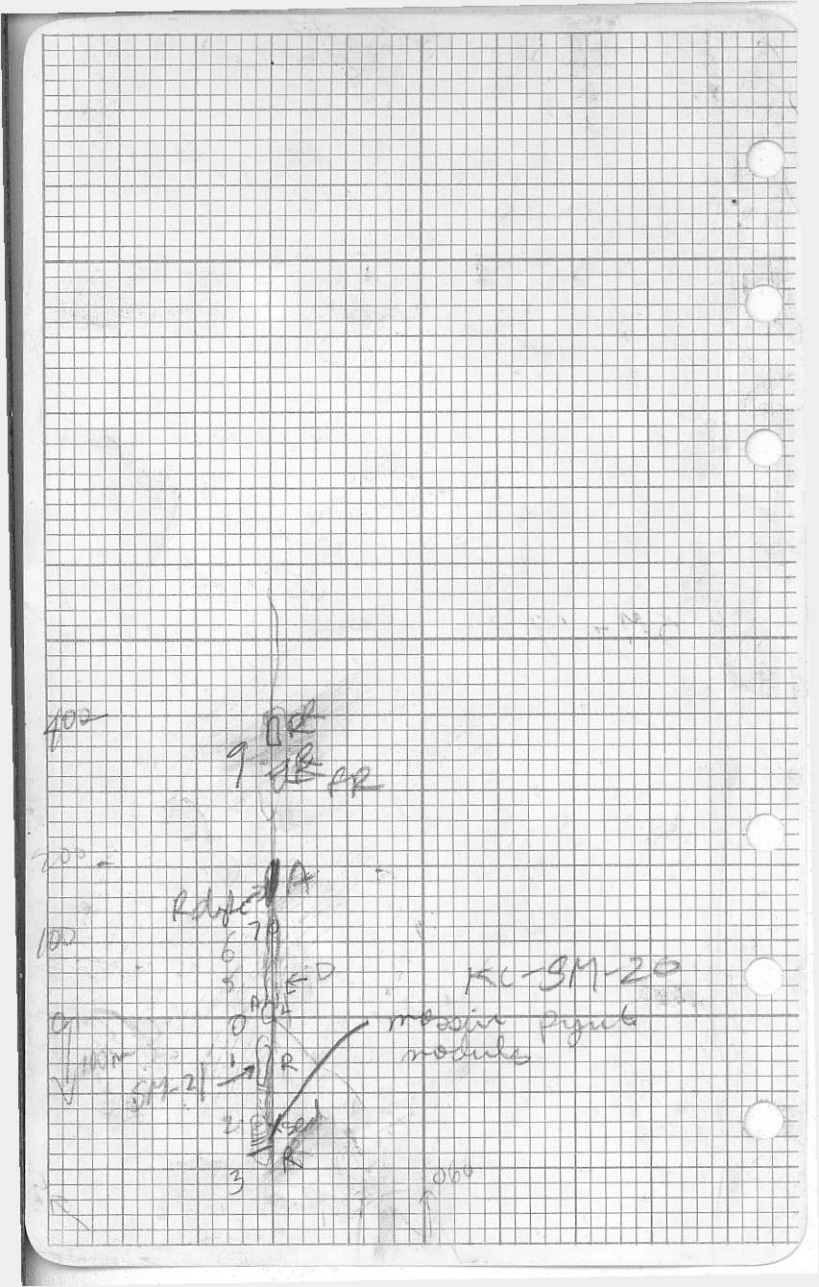
1170 m - ss grav fossiliferous
massive m-f arkosic med
gr. well sorted.

SM-19
1265 m soil 10% clay 15% org
(75% silt Dk brown
1340' elev)

1390 m top of cliff - met
exp w/ buried coal.

Bearing 252° to stream

600 m on 252° met steel
follow it down
@ 160° for


KC-SM-20
massive Pyrite
nodules

METRIC FIELD (S)

SM May 12/81 KC (B)

or main stream

1 rhyolite, mf, r pyr, v angular blocky fracture w epidote alt^n)
SM-2)

2 thinly (2 cm - 30 cm) interbedded congl SS + shale - 130/54 N
(alt^n) - v. soft.

3 132°/56° - attitude of thick rhyolite sill + mf vesicular (forms face of waterfall) - that overlies thick black massive shale/mudstone blocky angular fracture,

at 3, - large (15 - 20 cm) nodules of v.r. material mainly massive pyrite sample 19 KC-81-20 - overlain by green extrusive - andesite?

4 Dacite w/ fragmental (lapilli) pyr

5 gradation toward dacite, vesicular w/ andesite - amygdaloidal

6 feldspar porphyry - dacite + 10
spec

dacite
7. volcanic (NO ~~andesite~~) breccia
angul (20 10cm) rounded frag.
grades to fine gr. green porphyritic
volcanic, ch. alt'd (dacite) ———— ix)
c pyr — amygdules c calcite
alternating c dacite / brei fragm
bxtes dacite ~~dacite~~
grades to dacite — thus to
andesite again — w/ mosaic
generally

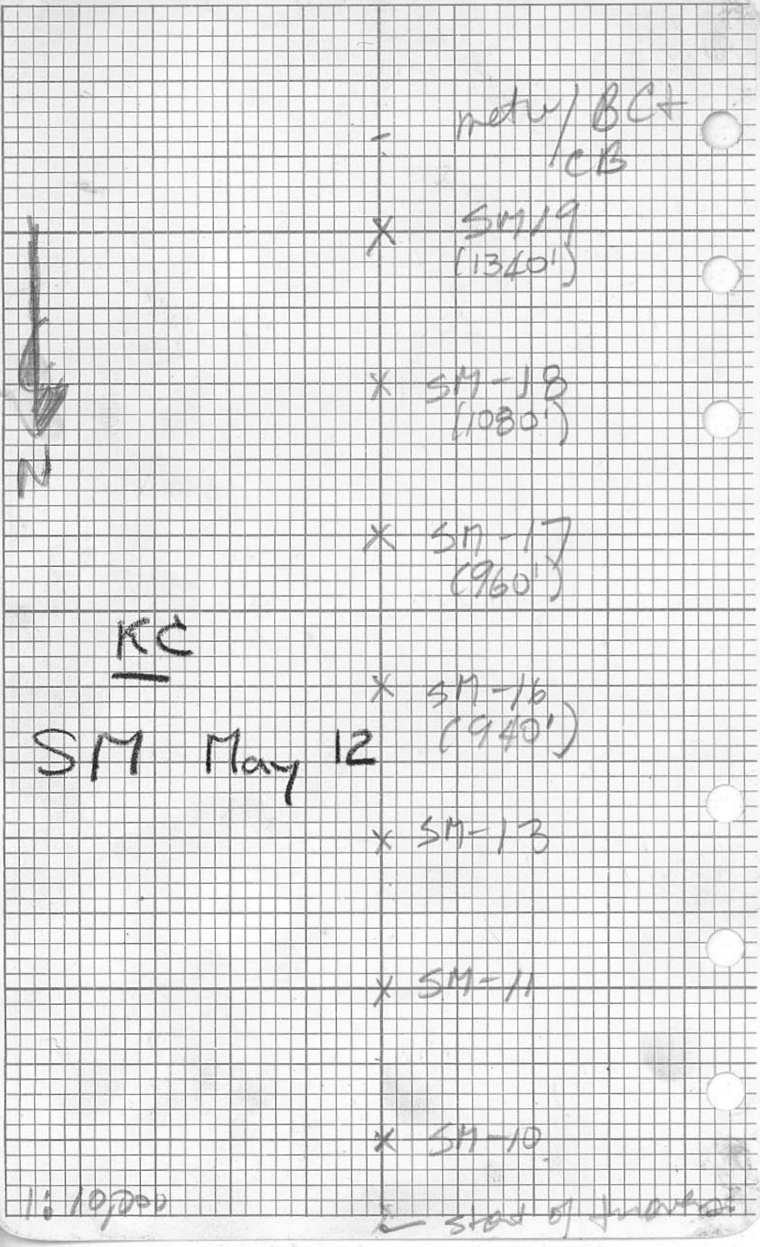
8. andesite w/ mosaic
cut by rhyolite dyke. 060/V
min 3m W

flow banded
9 rhyolite int. cutting fragmental
rhyolite c pyr
rhyolite, md, tr,

45

6 ~~80~~ m

along
stream


BC+
CB
SM19
(1340')
SM-18
(1080')
SM-17
(960')
SM-16
(940')
SM-13
SM-11
SM-10
start of traverse
N
KC
SM May 12
1: 10,000

KC SM May 12/81

Soil Data for part of traverse alone start at OM travel S.

SM-10 – 65 m Bhorizon
Lt Brown, 45% clay 10% org. 45% silt

SM-11 265 m Bhor.
Lt Brown 20% org. 40% clay 40% silt

SM-13 465 m 50% clay 10% org
(1000') red Brown 40% silt Bhor.

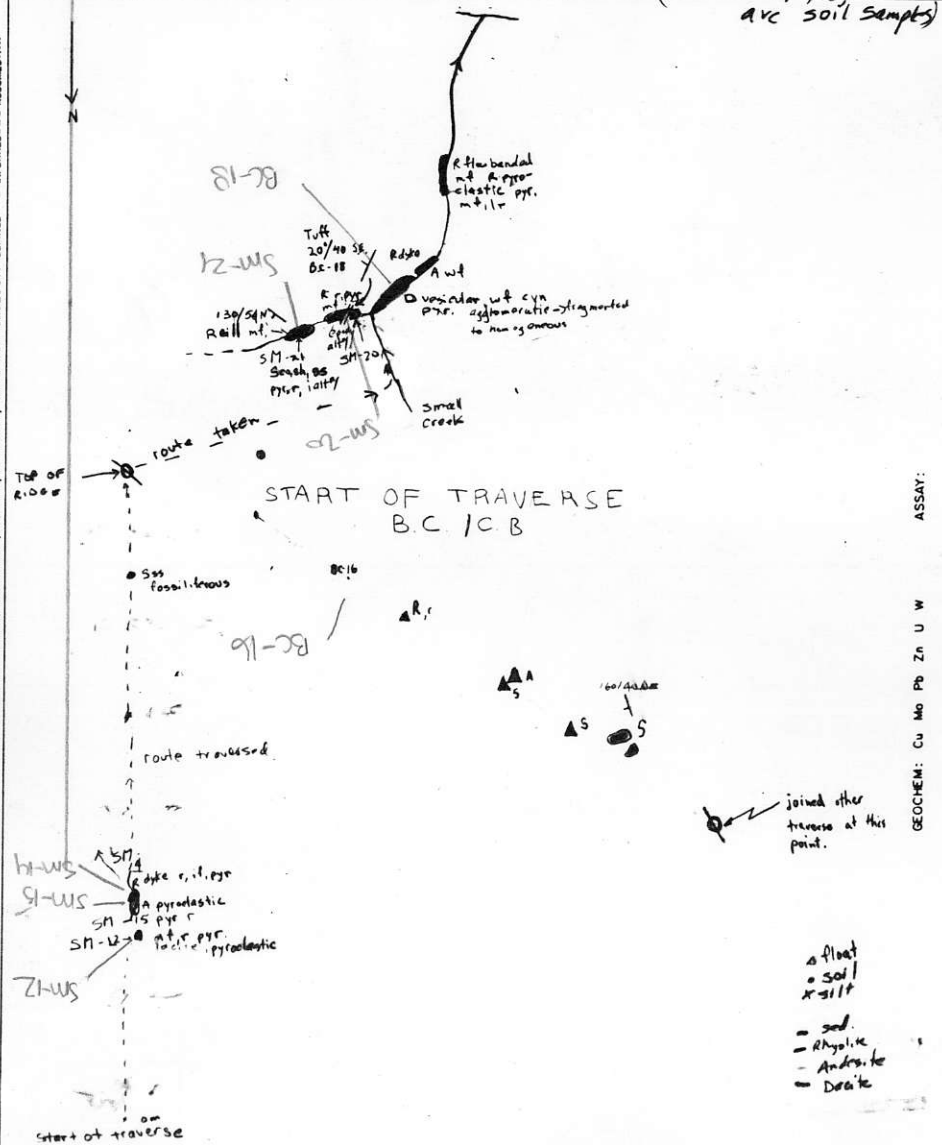
SM-16 665 m Bhor
(940') Lt brown 40% org. 60% silt

SM-17 865 m Bhor. 55% org.
(960') Lt Brown 45% silt/clay

SM-18 1065 m Bhor. 60% silt
(1080') red brown 25% clay 15% org.

SM-19 1265 m Bhor. 15% org
(1340') Lt brown 10% clay. 75% silt

Project (C.C.B.) B. Coates	NTS	Scale 1:10,000	Page 1 of 1	Traverse
Sampler S. McAllister	Location, Target (words)		Sample Nos CK-SM-12, 14, 15, 20 21	
Date May 12, 1981	photo no. K.C. Area		Cert. Nos (CK-SM-10, 11, 13, 16-19 arc soil samples)	



DON'T FORGET: CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY:: DEFINED—— INFERRED---- ASSUMED.....

SILT X SOIL ● ROCK ● PAN △ WATER O SPECIMEN SITE A.B...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

1:20,000

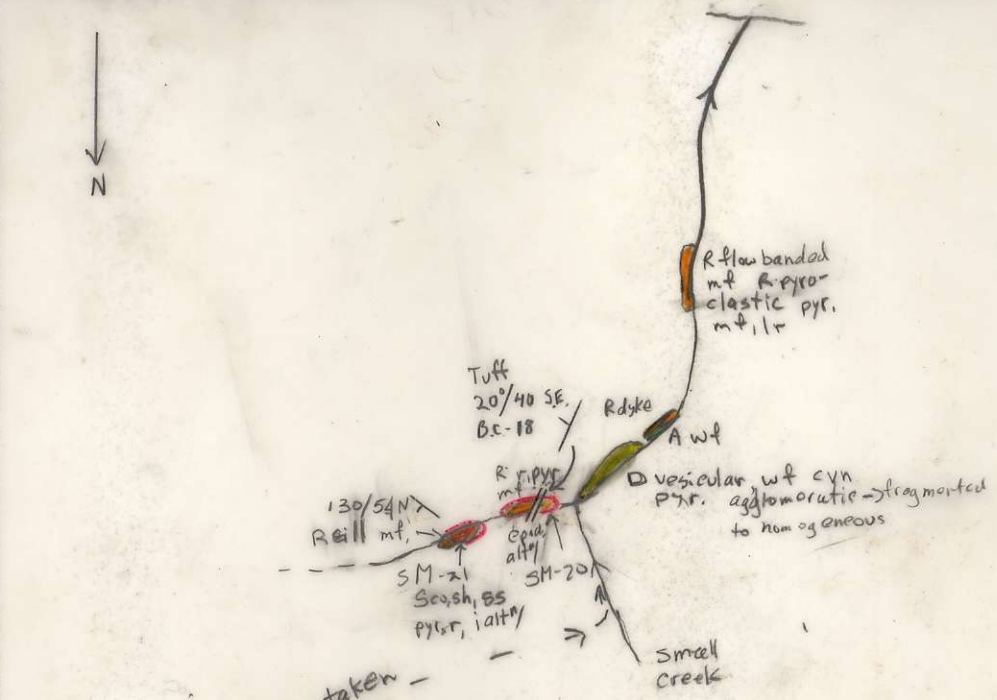
N

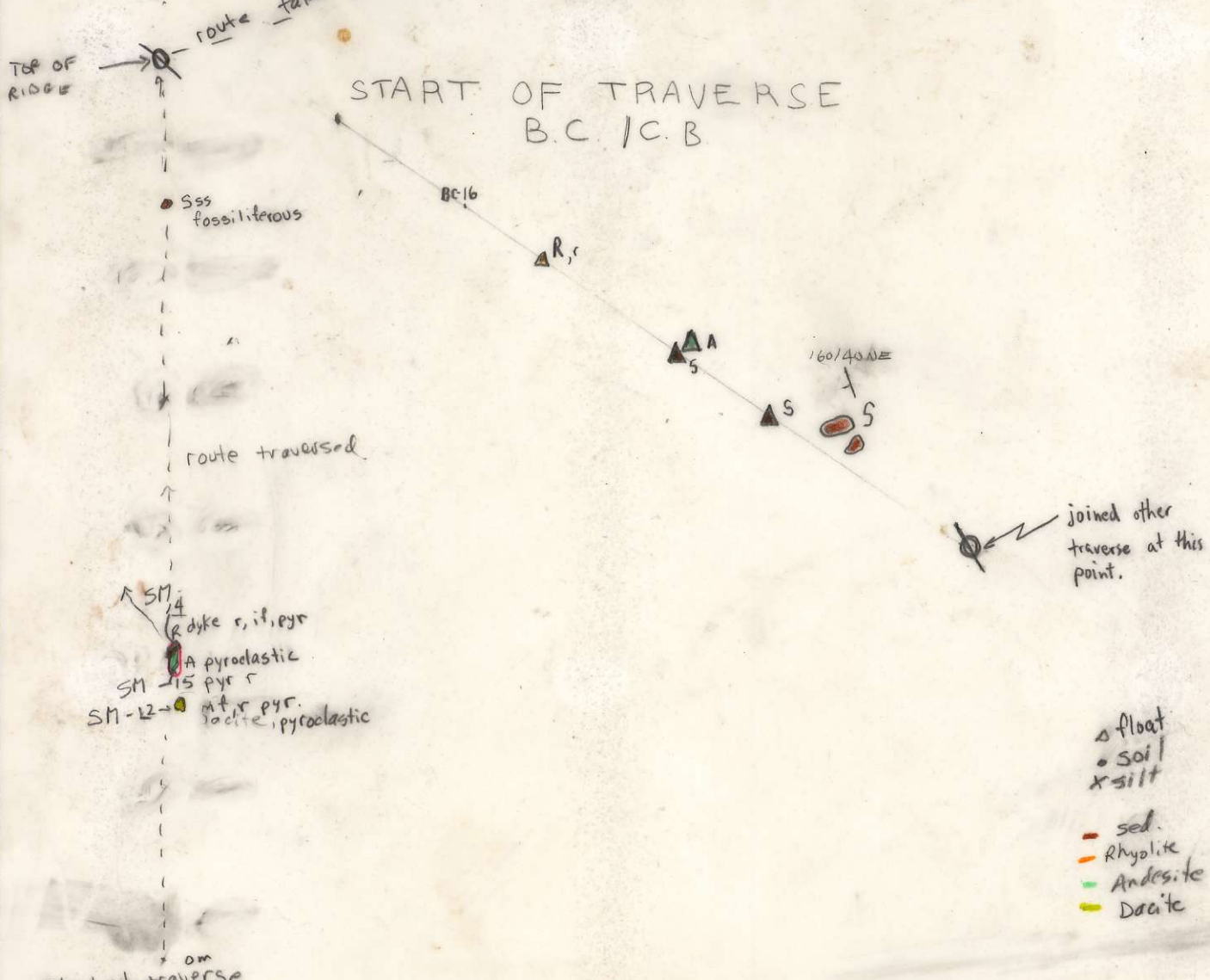
S

SM10
SM11
SM12
SM13
SM14
SM15
SM16
SM17
SM18
SM19
meet up w/ BC + CB

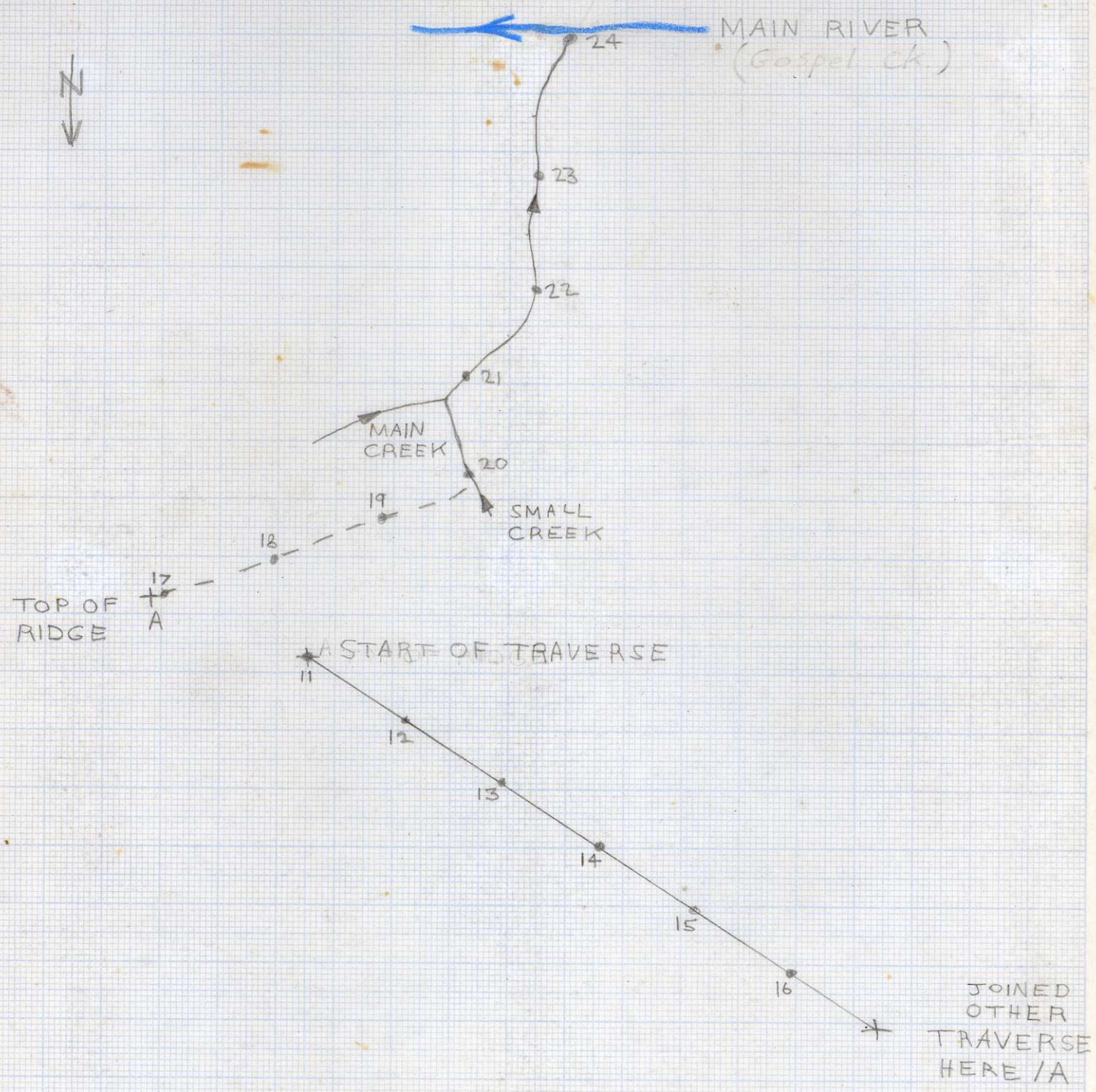
1st part of SM traverse

Project	CC, BC) B. Coates	NTS	Scale 1:10,000	Page 1 of 1	Traverse
Sampler	S. McAllister	Location, Target (words)		Sample Nos	CK-SM-12, 14, 15, 2021
Date	May 12, 1981	photo no.	K.C. Area	Cert. Nos	(CK-SM-10, 11, 13, 16-19 are soil samples)





CHEVRON MINERALS —— DAILY TRAVERSE REPORT



K.C. AREA

SCALE: 1:10 000

COLIN BRADLEY
MAY 12th