

840970

King-Courte

1981

(A)

~~T.O.~~
Sunday Sept 13

1981

Follow up of

traverse by

BC & J.M

As in beginning of summer
analysis of

~ 1300 rpm ~

Mapping
Creek down

KC regional

head @ 210° to creek

oom m out crop

md grained, grey weathering

anhedral intrusive rock

matrix dk-gr 70% mafics

biotite & chlorite + grey Feldspar (plag)

vague 4 mm plag grains (15%)

flw relief weathering atz stringers

note matrix 45% by anhedral

feldspar,

diorite!

+57m % vfn grained (aphanitic)

cherty rocks, hornfels

purple, conchoidal fracturing, white

weathering, very hard

KC-70-32 soil sample

grey rocky, clay + Ang Rf

+169m hit ck, head down

ang float + o/c Green, tuftaceous or

Sandy Rocks, bding 100/45 NE

Grain size .5 → 2.5+ mm

Scattered Rf Rounded → sub rounded

to 2 cm

composed of 30% Quartz grains

30% feldspar grains

30% dark coloured (bk-gr)

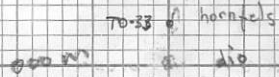
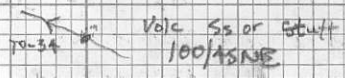
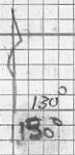
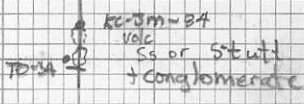
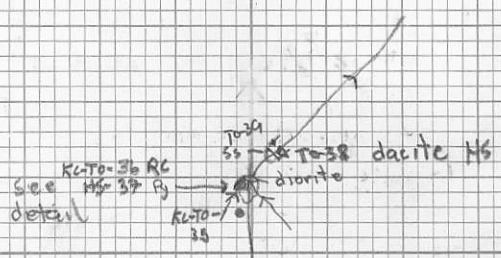
mineral grains

minor beds of conglomerate

conglomerate,

Similar to yakone conglomerate ?

100 m



change bring to 130° and head
down creek

Kc-70-34 - by sa clay
000m

+10m narrow beds of conglomerate
composed of rounded of
of various lithologies, ss, volcanics, intrusives etc
to 44m s/a previous description

@ 47m 81-Kc-5M-84

to 158m scattered o/c sa about Ss-st

@ 158 Soil T0-35

gel-br sa stoney clay
Rusty, locally

+168m o/c in ck

gn / Ss → Stuffered with up to
5% py; matrix pyritic, anhedral
fine grained, greyish (dark)
Rusty weathering
hard, silicified

HS 37 (Kc-70)

RC 36 (Kc-70)

+182m in ck o/c etc

diorite ~~the~~ dk gn^{fr}-md grained, anhedral
phaneritic ~~the~~ 10/90 +
matrix greenish transparent feldspar
ann/agg to 0.5-1mm

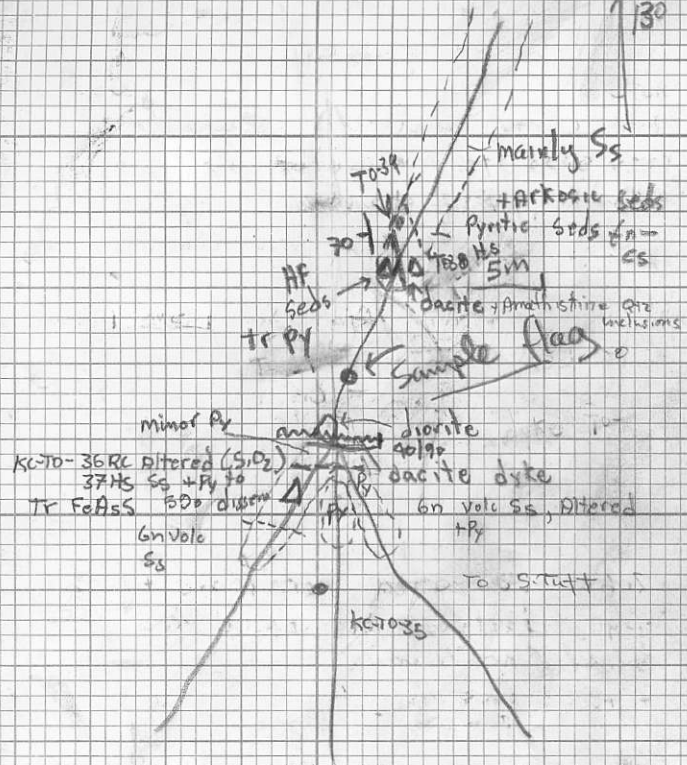
Black chlorite matrix

Feldspar locally hypidomorphic &
sericitized in clots to 1.5mm

(50%), crude zoning visible

ck now flowing @ 180°

130°



small Rusty shear zone on
fault parallel to diorite

note a small ^{± green, aphanitic} dacite dyke, md hard
parallel to fault

note 59: feldspar phenocrysts to
4 mm, minor quartz



+206m etc Seds, hornfelsic + altered
py & dacite → Rd Lt Gn Rock (aphanitic)
similar to above

+ inclusions of Amethystiferous

Qtz TO-39 HS

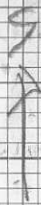
etc parallel to dong @ 120/70 NNE
dacite clw minor py, silicified
also

TO-39 Soil yel stoney day
Rusty

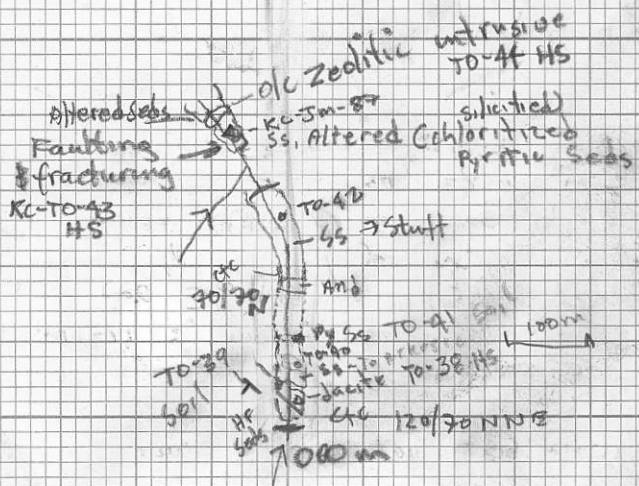
000 m Bring 180°

+20m in ck o/c Gn pyritic Ss/Sls TO-39
Seds From Ss to Arkosic Greywacke

Flagging in ck



100m



+70m T0-40 yel-br Sa clay
o/c in ck ss, gy/fer md hard
T0/20 o/c of ss Sa previous descriptions

+120m o/c pyritic ss, changes back
Soil Sample T0-41 below ss, pyritic
Soil br Sa loam + Rf

From 180 to 190m o/c

Green, aphanitic porphyritic volcanic rock
matrix aphanitic, md green, soft-md
scattered 1-2mm feldspars 5% ^{to chlorite}
scattered 1-2mm pyroxene 4% (altered)

Andicite (porphyritic)

etc @ 190m @ 70/70N may
be a dyke

→ back into Gy/Gn/SS locally
pyritic

+200m ck Jogs to SE 40°

+220m BK-KC-T0-42

yel-br Sa stoney loam + clay

+300m End of o/c

+310m ck at left @ 060°

+330m o/c Rusty & Sample KC-JM-87

DK Blue green, highly fractured, pyritic,
chloritic rock - soft to md hard
matrix w/ wavy bands of chlorite
Py ann agg dissem < 1mm

22+

Local Silicification & Qtz veinlets

Surface develops a botroidal?
texture through weathering

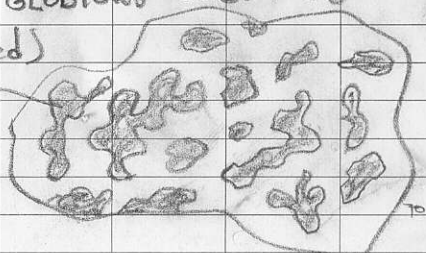
silicification is not pervasive and
the rock develops this texture

HS KC-TO-43

Globious texture (arenaceous)

(silicified)

md-to
hard
Azeitic
Globules



the zone is app 17 m along ck,
in the ck minor Calcareous
ss in blobs

calcareous

Bulbous masses



+ 413 m o/c in ck

Green, md hard, md grained,
zeolitic intrusive, strongly altered, foliated
~ diorite ~ A

HS KC-TO-44

Bot @ 3.30 to pick
up

ATTITUDES (100/40 N)
 SANDSTONE SILTSTONE
 CONGLOMERATE
 VOLCANIC
 SPECIMEN SITE A.B...: DO NOT WRITE ON OTHER SIDE OR USE COLOURS
 CHERT
 SHALE
 LIMESTONE DOLOMITE
 INTRUSIVE
 GOSSAN, MINERALS
 DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED - - - ASSUMED - - -

Project KC REGIONAL	NTS 103 F/B W	Scale 1:5,000	Page 1 of 1	Traverse
Sampler B. COATES	Location, Target (words)		Sample Nos	KC-BC-126
Date SEPT 13 th /81	WEST OF CONE MT. photo no. Just North of Ghost Ck		Cert. Nos	

(A)

see soils map for location map of this traverse

START TRAV.

Sc & Sar, mfrac, wr

Ss, w. arcotic

Dp weakly por.
 Maphic & Sulphide
 Pyroclastic
 py clasts

Rt gradational to D)t, w-mol, lhr, mpy
 waterfalls

KC-BC-126 {Seq: Rt mpy, coarse lithic wacky,
 Axial tuft m. diss py, D)p sill? w/orient.,
 Axial t m. diss py w/ pebbles -> boulders
 140°/70° NE.

end trav.

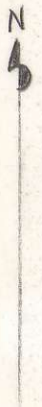
Ss, wq, wfrac.

Conglom. flt

Ss

Ss

Almost entirely Conglomerate flt



ASSAY:
 GEOCHEM: Cu Mo Pb Zn U W

103 F/BW

(A)

(JUST NORTH OF GHOST CK)

REGIONAL TRAVERSE
SEPT. 13th BY B. COATES
WEST OF CONE MT
FILLING IN TRAVERSE
BY B. COATES + J. MILL
SAMPLE #S KC-BC-122-5, 127-3
SCALE 1:5,000



elw 1820' ← START TRAV.

1720' • KC-BC-122

MEADOW

1640' • BC-123

1560' • BC-124

1450' • BC-125

1420' • BC-127

1520' • BC-129

1450' • BC-134

1310' • BC-135

1600' • BC-130

1250' • BC-136

1630' • BC-131

1220' • BC-137

1580' • BC-132

SWAMP

KC-BC-138

1510' • BC-133

DH-107

1450' • BC-134

GHOST CRK.

