



SEPT 13<sup>th</sup> B. COURTES

REGIONAL TRAV

NORTH OF KING GRID

AROUND GOLD FAS

ANOMALIES

KE Regional

geology

840951

King-Courte

1981

# BC REGIONAL

100 m sampling of soil

① Cherty and argillaceous ss, med frac, dk grey, very weak mat.

② Greenish sandstone? <sup>weakly calcareous</sup> no shales in it slight reddish exterior weathered surface fairly fine grained, pebbles of  $\frac{1}{2}$  cm common in flt and up to 3 cm dia. to base. S w/ slight chlo. alt

③ Rhy tuff (very fine grained w/ local h and <sup>quartzites</sup> more general w- in very fine grained py (KC-BC626 of the h py) coarser grained up toward the falls but no attitude available various tufts in flt. ④ is most common coarser grained

magfic and ⑤ <sup>(weakly magnetic)</sup> Magnetite? has py laths up to  $\frac{1}{2}$  cm in it black and fine grained matrix

⑥ is a dk black shaly intrusion w/ occasional chlo altered shales in it.

Dp weakly porphyritic

⑦ runs from W to E going up sequence fine grained Rhy tuff gets coarser @ 3 to 4 w/ m-h mat & <sup>has</sup> py then coarse lithic w/ small rounded stones ⑦ <sup>wocky</sup>

into and tuff of fine grain w/ deep py (40/70) but otherwise crystal (bubbles?) called ⑧

NE then a (probably sill) intrusion that unlike other rock is calcified in veins and w/ aes, py and is <sup>Diabase</sup> <sup>porphy</sup> ⑨

R. D. PENHALIG, MADE IN VANCOUVER, CANADA, METRIC FIELD (S)

Dir. o.c. see to notes

100 m below ridge top  
1820 elev.  
same pt. as  
T.O. stands



meadows

BC-123



meadow

BC-122



0.12

waterfalls

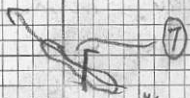
BC-126



BC-125

0.11

BC-125



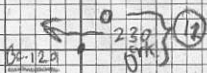
BC-127

250' ckt

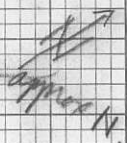
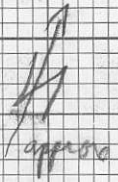
Stream  
Sed

BC-128

175' ckt



BC-129



Kc#	% arg	% pebb	% s+s	% clay	color	comments
122	90	0	10	0	blk	1720'
123	20	15	50	15	tan	1640'
124	35	5	55	5	brn	1560'
125	15	10	65	10	tan	1450'
127	15	15	60	10	brn	1470'
129	10	20	40	30	all	1520'
130	15	0	70	15	brn	1600'
131	40	5	55	0	Red-brn	1630'
132	30	5	60	5	Red-brn	1580'
133	5	5	50	30	Orange	1510'

(7) Then into a fine <sup>crystal</sup> Andesiteuff that (cont.) has dies pg in wad ants and inclusions of rounded pebbles and increasingly no pebbles and the occasional large (c) 8" rounded (quite perfectly) Argillitic boulder (10) & (11) is in float a sandstone pebble.

Kc- same as (8)  
BC-128 Stream Sed very sandy from smaller ak

(12) Clean sandstone quite massive and very weakly fractured and very weakly as w/ (14) which seemed in relief weathering in long pin face in W, NW. side, occasional horitic flat boulder w/ approx. 20% mafic minerals (10) Biotite etc

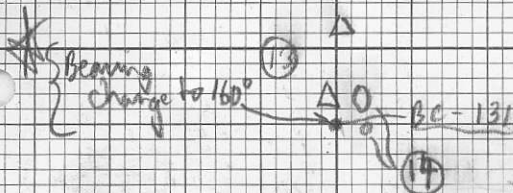
(13) As in the stream bed earlier where (11) w pebbles of arg. g in a sandy matrix there is this in float because

R. O. PENHALL LTD., MADE IN WINNIPEG, MANITOBA, CANADA

METRIC FIELD(S)

BC-129

BC-130



completely Sandstone  
 Flint except  
 1 piece conglomerate  
 3 cm and, g, ss, & di  
 pebbles

BC-132

BC-133

dry  
 circ  
 15

30° of flint is conglomerate

BC-134

BC-135

meadows

BC-136

BC-137 slight knoll

(14) blue gray Sandstone w/ w disc by  
slight chlor. st. and a very  
occasional arg. pebble, here  
mudstone black but relatively soft  
interbedded.

(15) Conglomerate both pebble and stone  
(up to 3 or 4 cm) in large boulders  
in creek w/ very little of the  
sandstone, also presence of interbedded  
sandstone + pebble cong. Still all flt.

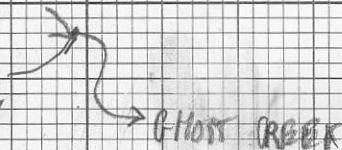
BC 137

Swampy



BC 138

DH  
107



GHOSS CREEK

KL #	% org	% clay	% sils	% peb	Colour	Comment
134	10	10	80	0	Orange	1450'
135	15	10	65	10	"	1310'
136	40	25	35	0	blk	1250'
137	30	30	20	20	blk grey	1220'
138	70	10	20	0	blk (grey)	from swamp