

(E)

841027  
Richardson  
Head Area

Sept 18/1981

Richardson

head

Area

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From chop off

400 m west along

shore fence

@  $210^{\circ}$  to Tree

line +100 m

(400 m down [w] Beach 18/9/81

500 m on Beach

o/c grey-weathering, highly fractured  
INTRUSIVE ROCK 40% HYALOC-NEOPHYC HOENBLAND  
agg. to 4 mm chlorite - MATRIX - white anhedral  
feldspar - 1 mm. Contains minor pyroxene  
as agg to 3-4 mm. N.B. zirconolite-altered country  
rock?

+30 m - soil KC-70-58 - BR. SA. STONY LOAM + R. F

o/c sp. as beach

+80 m - soil ditto - 70-59

- o/c s/sa previous

+90 m - o/c gtz. + ank. unis - 5 m cut dia. rusty weath.  
no slight alt.

+105 - cte in creek alt. dia. rust. weath. +

loc. str.  $SiO_2$  + Py - KC-70-60 - x 0.5 m  
zone strikes @  $160^\circ$  dip 70°

+150 Soil KC-70-61 s/a 70-59

+180 - creek alt  $360^\circ$  - o/c unalt dia

+200 soil KC-70-62 ~~alt~~ - YL-BR SA LOAM + ang. R. F +  
clay

+260 soil KC-70-63 grey/br sandy LOAM + min org.

+310 soil KC-70-64 s/a 63

(A - alt zone in creek: KC-70-65 alt dia. - fract. zone  
fract. at  $250^\circ$  + at  $300^\circ$  - in fract. ank. gtz alt.  
dia. pervasively chlor + ser - mag - cut. agg. + py min)  
± 20 fractures  $pm^2$ )

+360 KC-70-66 - br. sa. LOAM + ang. r.f.

+410 KC-70-67 Soil - rd. br. sa. LOAM

E.O.L. Heading  $120^\circ$  for 100 m

R. D. PENHALL LTD. MADE IN VANCOUVER, CANADA  
DINKBAK WATERPROOF

METRIC  
FIELD(S)

030°



50 m

OCEAN

• TO-74

cliffs

• TO-73

alt. base

• 72

• TO-71

• TO-70

• TO-69

• treeline

000 by tree line - down 030°

KC-70-68 - gr. br. sa. lo + cf + clay

+50 - KC-70-69 - soil - yel. br sa. loam + f<sup>g</sup> min. cl

+100 KC-70-70 soil s.a. 69

+150 KC-70-71 soil - glibr sa loam + cf 20% clay (NB flag 76)

cross creek at 148 m - creek 340° o/c ss. and dia

anh. 40% mafic cut by fine grained 1-2 m dia dykes

- slight alt. dia - sheer zone - 080° / 60° (dip) 80° south

fine gr dykes contain free gta. strike 030/80° ss. w

+200 KC-70-72 Soil - s.a. 71

cont'd in creek - alt. zone - rusty weath. fractured

- cliffs! - head at 120° - for 20 m

+250 - KC-70-73 - brown sa. stony loam - (right below cliff)

- dc highly fractured - locally gossin

+300 - KC-70-74 - soil - br. humus + minor inorganic

- fine sample!

E. O. L

210°

50M

tree line

• TO 67

• TO 66

• TO 64  
65 alt. 2000

• TO 65

• TO 62

• dio

• dio

R/c TO 60

• dio

• dio

• TO 59

• TO 59

• H6-dio

• TO 58

• (circle)

o/c

300  
100

Ocean

20

103 F/7 W

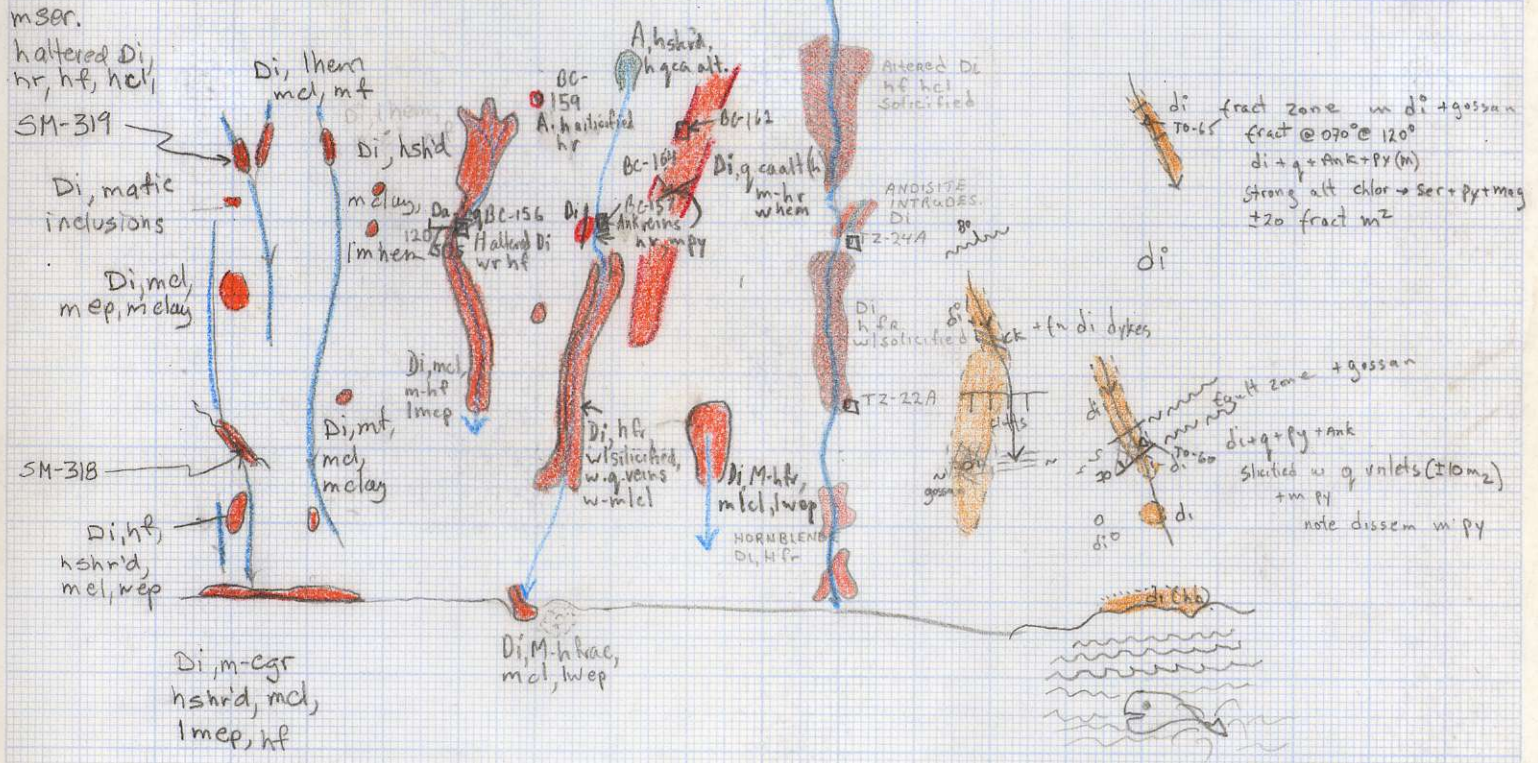
(E)

1:5,000

(to be overlain on  
Soils map for location  
of sample points)

KE series

gossan area



Richardson Head Sept. 18/81

Soils

103 F/7W

(E)

1:5,000

Linked irregular + Accurate(?) lines up from shore. Lines crossed lots of topofil, but no flagging was seen from previous work at Richardson Head.

KE series

SM, DF, BC, TZ + TO

B.  
T2  
TO

slide area, gossen

