

Knut

43329 OTCR 1

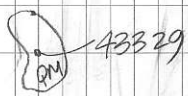
860827

59165

E
↑

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

~~38+100~~
E
25+25



38+70N
25+25E

OTCR 1
SCALE 1:100

FIELD (S)

mgt assoc w/ pervasive epidote

up to 10% mafics - mostly dk

grn amphibole

#1 in contact w/ pink Syenite?

contact highly magnetic, espec

#2 on #2 side of contact

Syenite looks fresh, some epidote

in microfractures

10% mafics. EF.

59165
#43329, OTCR 1

3870 N - sml oter, highly weathered
25+25 E and fractured

approx 1m x 1m, on side of
sm knoll.

2 rock types

① fractured Q.M. pink in colour

EM,

10% mafics (bi?), 30% plag

40% Kfs_{sp} relatively

unaltered

intimately, irregularly mixed with

② dk mafic highly altered, hornblende?

epidote, limonite, pyrophyllite

some py < 1% diss and along epidotized

contact w/ QM

very plag[?] rich rock?

#43329 70% #2, 30% #1 type

#② - highly altered, fractures ^{stained w/} lim, ep, py

- 1-2% mgt, disseminated

up to 20% epidote, pervasive near
fractures

plagioclas variable up to 70%

little Qtz

06/04/90

TRENCH LOCATIONS:

TRENCH 1				
Northing FROM	Easting	TO	AZM	DIST
36+00	23+50	A	111	10.4
	23+75	A	248	17.0

1) 35+95N 23+60E

2) TRENCH 2

36+00	23+75	A	72	15.0
36+05	23+85	approx 15m long @ 078°.		

3) TRENCH 3

38+00	25+20			
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4) TRENCH 4

38+05	25+30			
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TRENCH 1

06/04/90

K. EDWARDS.

KNUT PROPERTY

Q. MONZ?

Q Mon highly fractured and altered

≈ 35% ksp, 45% grey plag

10-15% mafic (biotite ± chl), 5% Qtz

fract along fractures - very rusted, yellow-red

some purple semi lustrous coating

limonite, apophyllite, some he blebs

minerⁿ Some pyrite (up to 2.5%?) diss in

Q monz close to fractures

small amts of epidote 4%

joins : 030/058SE, 120/84S to 086S, 024/65NW

fractures erratic, anastomosing
complex

all fractures coated w/ limonite, apoph

Some he

Sample location

43326, sample from A(0.0) to (2.0) along
59162 East face

43327 2.0 - 4.0 along east face
59163

43328 0.0 to 2.0 along west face
59164 of trench

TRENCH 1

Locⁿ of A: approx

3595N, 2360E

, 4m long trending S8W.

TRENCH 2

Mostly rubble, red to v. black weathering
highly fractured

approx. 9.7m long x 3m. wide

trending @ 078° along length

fractures @ $143/80$ NE, $078/36$ N, $067/7$ SE

Sample GS @ $23+85$

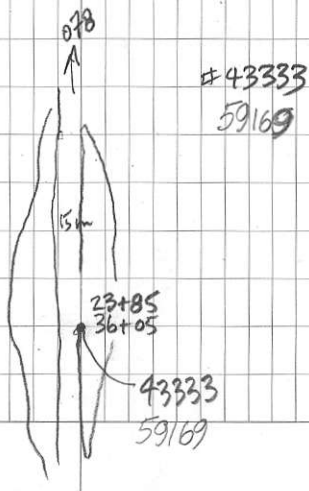
$36+05$

Some epidote altⁿ ~10-20%

hbl'd, ~~8~~ 10-20%

v. altered, limonitic

- also have mafic rock in area
as well no' oter spotted



FIELD (S)

59169
#43333

deceivingly mafic rock

probably altered Qtz Mon, E_F
few phenocrysts

highly fractured and weathered
alteration: very ^{dk} green in colour

∴ chloritized

noticeable pervasive ep, 10%
concentrated adj to segregations
of mgt

mgt forms lattice type network of
small veins, poss fracture fill?



veins < 1mm wide

Kfsp content variable, up to 30%
of rock some maybe [] along
fracture planes

38+00 TRENCH 3

38+20. outc along slope face

2.6m long, 2-3m high

highly weathered and fractured

with some ~~more~~ sheared/brecciated areas

fractures @ 75/BN 18/86E 12/45NE

highly sheared @ 18/86E v. variable

rocks: highly altered hblite and QM

Shears in QM

QM 20% mafic chl?, <5% Qtz, 30% ksp,

40% plag

weathers wte to red brn

some diss py close to fractures rare

hblite: dk, 50% plag, 40% hblite, <5% py

v. dk, not fractured as much

harder than QM

no definite structure can be

determined

59166

43330

59167

43331

hblite @ 38+00, 25+15

sheared MZ @ 38+00, 25+18

59166

43330

highly altered, lim along fractures
 diss py, 5%
 rock has been silicified,
 chloritized, epidote
 'fresh' surface splodchy green
 grey to cream (30%)
 cream is plag
 Qtz found concentrated in cracks,
 very rusty
 - some actinolite? in lense
 or bordering fractures

59167

43331

v. highly altered, fractured, sheared
 limonitic staining pervasive
 some epidote
 parent material unknown,
 probably gneiss or syenite
 some weathered out pyrite

TRENCH 4

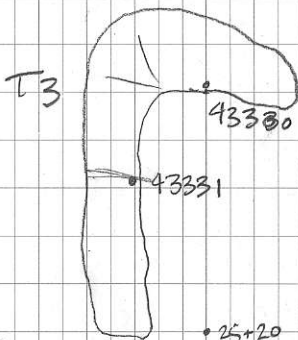
43332

59168

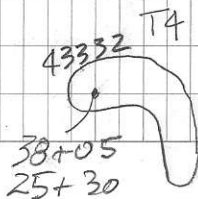
hbld rich - actinolite?
 radiating xls, 20% plagioclase
 variable
 28+05 25+30
 quick GS from fracture disc
 chlorite, 10% epidote, limonite

TRENCHES 3 & 4

Samples 43330 38+00 25+15
43331 38+00 25+18
~~43332~~



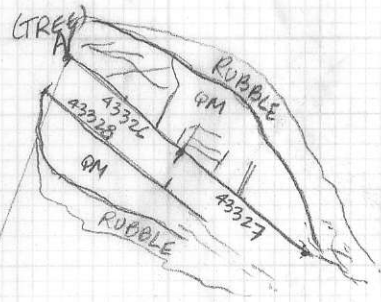
38+00
25+25



FIELD (S)

E

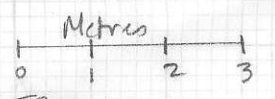
23+60



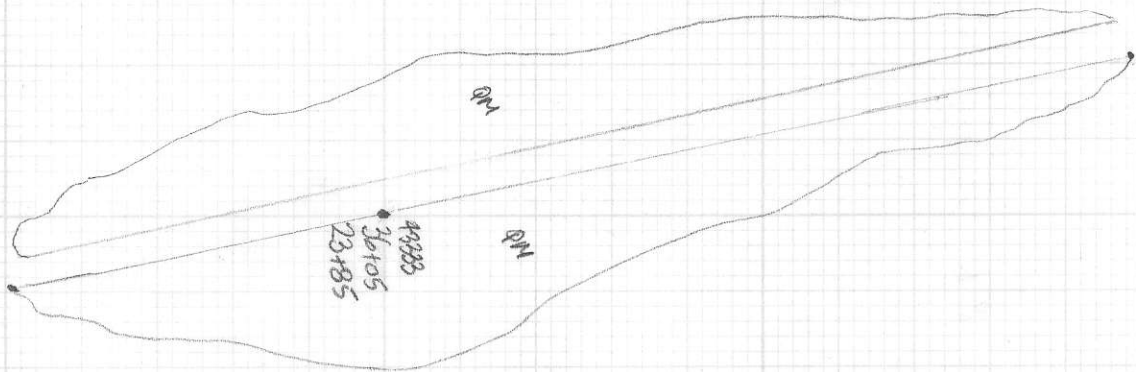
LINE 36+00 N
111a

36+00
23+50

CROSS SECTIONAL VIEW



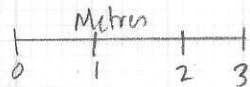
TRENCH 1
06/04/90
KNUT PROPERTY
1:100



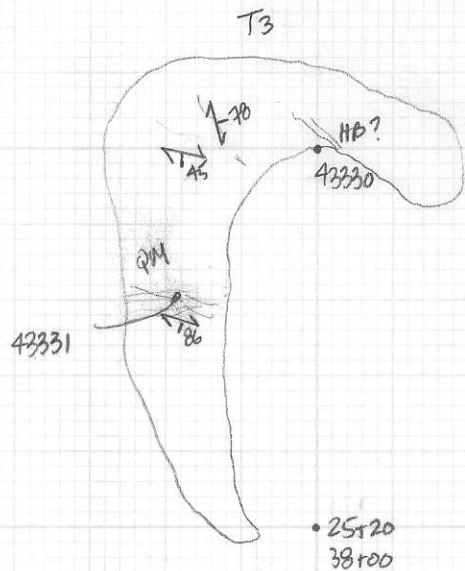
L 36+00

↙ 3600
↘ 24+00

CROSS SECTIONAL VIEW



TRENCH 2
06/04/90
K. EDWARDS
KNUT 1:100

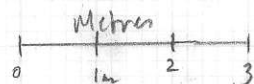


NOTE: LOCATIONS GIVEN IN
 PLAN VIEW - SKETCHES
 REPRESENT CROSS SECTIONAL
 VIEWS ALONG CLIFF
 FACES.

38+00
 25+25

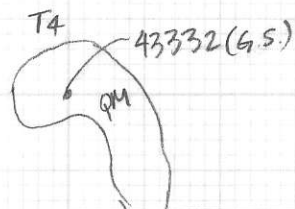


CROSS SECTIONAL VIEW



TRENCHES 3 & 4
 KNUT
 06/04/90
 1:100
 K. EDWARDS

LE



S

Approx
3595N
2360E

A
(Trench)

43326

RUBBLE

43327

87827

WB

RUBBLE

RUBBLE

RUBBLE

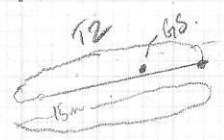
36100
23+50

06/04/96
KNUT PROPERTY
TRENCH 1
SCALE 1:25

T2

24+00

36+00
23+75



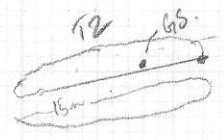
↓
N

TRENCH 2
1:2500

T2

24+00

36+00
23+75



↓
N

TRENCH 2
1:2500