

15 July 2000

01KS01

SS in N draining creek
NW of highway, black shales
& a Trilobon massifs

07 629 377 E

7275 059 N

CAMP 1

18 JULY 01

3000 Zn 800 Ni SS

STA 1: 602 700E 7280 650N NAD 27

flat lying weakly bedded black
lg limestone, massive to knobby.
light grey weathering.

to east stop 345 E14

100 m to N across small E creek:
black platy hard shale as rubble

STA 2 603 150E 7280 980N bed dry N

creek^A, dark grey massive to
mod bedded lit, dense, subconchoidal
fracture. bedding 200 W46
local knobby

75 or 100 m NE lit bluffs, fracture
60554, bedding 202 W 46
cut by another dry W creek^B

50 m NW hard black shale rubble

upstream 20 m stop of bivalve
fossils 603 200E 7281 110N

~~0145~~ STA 2

STA 3 603 190E 7281 120N

~ 50 m downstream & below
fork of creek A + B. black,
blocky to platy mm calc shale
bd 192 W 56, locally yellow
+ orange weathering

01KS 03 out of rusty / yellow / white /
black lenticular "blow" 30cm wide
shale beds warped around it
clay, gouge, + shale fragments

01KS 04: 602 940E 7281 120N

stream bed downstream of
Sta. 3. weakly rusty shale
+ black lat

STA 4 602 280E 7281 590N further
downstream. cliff top calcareous
wacke / sandy lat interbedded with
black calc shale, both cut by
orthogonal tension cracks filled with
calcite. bedding 216 W 16

sandy beds ~ 20-40 cm wide
with frag shale, qtz pr in carbonate
locally with fossils to 0.5 cm
nodules white calcite. ☉

shale beds ~ 5-20 cm wide
lat is dark grey on fresh, tan
with minor orange weathering,
sandy lenses + bedding much
more obvious on weathered.

01KS 05 55 600 880E 7281 850N
same drainage ~ 2 km
downstream

STA 5 600 950E 7281 690N

"stream" 242 N 26 bedding. light grey
weathering, buff to lighter grey
coarsely x-line (1-2mm)
lat blocky, mud bedded

SE
NW
+
SE
overlain for ~ 50m by dark
grey, brown, + black weathering,
dark grey to black argillaceous
lat, locally siliceous, well
fractured + in rubble only

rubblecrop of the buff x-line
lat

SE
NW

STA 6: 601 200E 7281 550N

top of argill lat, siliceous
poorly bedded 206 W 28

KS 06: 601 530E 7281 340N

grey, buff to orange weathering
grey & brown weakly laminated
lat with local chert replacement
argillaceous. talus

main fault
along creek

CAMP 1

19 JULY 2001


01 KS 07: 55 600 580E 7282 000N

NW creek 1m wide rusty
precip on shale & lat cobbles
water orange coloured.

STA 7 600 210E 7282 180N

SW side of creek, talus slope
light grey weathering, buff
to grey coarse gr limestone/
granstone with round fossils
⊙ to 5mm & rare bivalves
weakly bedded
side drainage up to NE
continuous rubble/talus of same

STA 8 600 850E 7282 960N

top of same, locally siliceous
& pale orange weathering. rare
chert nodules along beds.
weakly to mod bedded 182 W 12
lots of fossils
20 m E 176 W 34
fossil 

STA 9 601 020E 7283 000N

blocky, poorly bedded light grey
collocurus sandstone, grey, buff, ^{calc} orange
weathering, interbedded with
cherty fossiliferous calc grainstone
of sta 7 & 8, bedding 188 W 22

OKS 08 RX 601 130E 7282 930N

flat on bench near top of
ridge, orange weather thin sand
grey massive, very cherty
weakly fossiliferous lot,
with 5% diamon + blebs py
PJC/CH/CE

STA 10 601 450E 7283 190N

pale orange + grey mottled weathering,
light brown grey poorly bedded
calc sandstone/sandy lot,
apartic, coarser gr than
interbeds, minor chert replacement
180 W 14

STA 11 601 700E 7283 030N

razorback saddle, grey + buff
weathering, knobby, fine gr.
dark grey argillaceous
lot, poorly to mod bedded 96 S 12

CAMP 1

20 JULY 91

01KS 09 SS: 602 170E 7282 330N

S small creek

01-KS-10 RX 602 200E 7282 620N

bluff top in talus, yellow weathering
coarsely crystalline, massive
calcite, white & yellow,
seems heavier than normal,
barite? recrystallized lot bx?
no measurable structure.

talus is grey weathering, dark
grey cherty fine gr. lot with
minor sandy/silty laminations.
poorly to med bedded, to py.
subhorizontal fracture

~ 50 m E, top of talus material
186 W 12

STA 12 Top of saddle above KS-10,
outcrop of med bedded sandy &
silty laminated lot same orient.
minor fossils shells?

STA 13 602 530E 7282 430N

top ridge to SE. grey & buff
weathering, dark brownish
grey sandy lot with rare
fossils. blocky med bedded
276 N 16. med cherty.
occasional lenses & lenticular
beds of silt/sand.

note: all these units on this ridge
are strongly calcareous, with
variable sand, silt, chert, & fossil
content. distinction between
Jungle Cr & Ettrian?

STA 14 602 750E 7282 280N

talus slope ~ 200 m SE of STA 13
"Jungle Creek" black, grey & buff
weathering, dark grey to black
weakly to med to mod calcareous
silt & sandstones, variable wispy
laminations & black chert
bands & lenses

Mount Brunton

CAMP 2

116 G II

21 JULY 2001

01-KS-11: SS 588 320E 7289 400N

large E creek

STA 15 588 060E 7289 270N

"ettrian" grey & buff weathering, light brown grey coarse gr (1-3mm) massive lat. thick, mod well bedded 292 N. 20 beds 30 to 50 cm. very fossiliferous.

STA 16 587 980E 7289 240N

creek fork + steps

01-KS-12 SS: N flowing side creek ~ 50m from fork

01-KS-13 SS: main creek ~ 80m upstream from fork.

Top: grey & buff weathering, grey weakly bedded 276 N 22 chaotic lat with blue gtz grains in sandy intervals, minor fossils & skeletal frags (spicules?) locally cherty.

hand
+ river
or
ettrian

STA 17: 587 650E 7289 020N

bluff top NE of main creek
& S flowing tributary fork.

grey & buff weathering, mod bed,
grey to pinkish brown grey lat.

212 W56 elastic, local recrystallized
calcrete, few fossils, minor
silty interbeds that pinch
& swell.

01-KS-14 SS: upstream ~ 100 m
from fork

587 570E 7289 100N

01-KS-15 SS: E flowing runty creek

587 370E 7288 700N

CAMP 2

22 JULY 01

STA 18: 586 000E 7289 340N

RR? light to mod grey weathering,
weak to mod bedded 228 NW 26
dark grey fine gr limestone
fractures readily to sharp blinker

STA 19: grey weathering with buff to
faint pinkish buff mottling,
Bannette light grey massive to wavy
laminated calcareous dolostone
fine gr, appears elastic no, alline

586 630E 7289 100N

rubblecrop

STA 20: saddle between sta 18 & 19.

586 300E 7289 340N

RR

soil pans of argillic lat frags
road river or argillic unit
within Bannette?
brown, buff, white to blue white
weathering, dark grey, strongly
calcareous, with carbonate
exudate (calcrete), grades into
shaly talus to west graptolite
fossils

01-KS-16

23 July 01

prospect up Bannelle's ferrucrite
creek, no joy.

TA 21: 584 700E 7287 970N

saddle at head of prospected creek

bluff steps of light grey
weathering, dark grey fine gr. ls.
thick bedded 170 W 36.

mod fracture set 14E 56.

hand sample a fragment of
an obol ground

01-KS-17: weakly stained with
iron oxides. RX

01-KS-18: soil, gossan in
ogilvie ~ 50 m N of
sta 21

01-KS-19: soil ferrucrite/gossan soil in
ogilvie talus. 584 910E 7288 250N

01-KS-20: RX 585 560E 7289 230N

RR. Talus light grey to pinkish
brown, silty, locally laminated
ls/calc siltstone.

01-KS-21 ferrucrite frags from gopher
hole at camp, Bannette

Veehrudlah Mtn

CAMP 3

116 0 3

24 JULY 01

01-KS-22 SS: SE flowing creek below
camp. 582 060E 7443 180N

01-KS-23 SS: 582 020 7442 850N

S branch. moderate rusty
precip.

01-KS-24 SS: 583 720E 7441 800N

small swamp helipad.

01-KS-25 SS: 583 790E 7441 800N

above fork of KS-24.
rusty creek.

ATZ

25 JULY 01

STA 22: 582 190E 7441 650N

subcrop of grey to orange brown
grey weathering, pinkish brown
grey sandstone, fine gr., massive.
shatters to sharp fragments.
orange rust on a few fracture
surfaces.

01-KS-26 RX: mm calc 22 115-22-10

STA 22 cont: matrix is non calcareous.
sharp contacts with pebble
conglomerate beds. with
forms long subtle ridges,
no true step.

STA 23: 582 760E 7441-140N

cliff ridgetop conglomerate.
88 526. pebbles dominantly chert
but much siltstone sandstones
& qtz, uniformly marine beach
rounded + 2 to 10 mm, rarely
larger.

01-KS-27 RX: 582 340E 7440 430N

"Sharp Mtn" boulder field in alpine swamp
grey weathering, dirty brown
coarse gr sandstone.
KS 2 massive, poorly bedded
KM 2? non calcareous.

01-KS-28 RX: 582 020E 7440 980N

PJC/ pebble conglomerate with
rusty matrix
72542

01-KS-29 RX: 581 670E 7441 320N

grey, brown & orange weathering,
dirty brownish grey silty
PJC/ sandstone, fine to med gr
massive, poorly bedded 104542

01-KS-30 RX: 580 540E 7442 560N

brown to orange weathering,
PJC/ calcareous dark grey silty
sandstone, thinly bedded
104524

STA 24: 581 830E 7443 750N 75-21-15

grey weathering with pink to brown mottling & orange lichen. dirty dark grey silty lat, massive, mud bedded 92548.

Jungle Creek unit becomes more sandy & less silty, laminated uphill in talus.

STA 25: 582 050E 744 050N

light grey weathering with pale orange mottling, grey lime groundstone, med gr. extensive but discontinuous talus appears conglomeratic in places

STA 26: 582 610E 7444 030N

step top of ridge, blocky, light grey weathering, lime packstone with white & orange fossils mud bedded 102534 med to coarse gr.

JD
A

SI

TRAIN

TRAIN

STA 27: 582 540E 7444 100N

HR
RIVER!

light brown weathering, locally grey. dark grey lat with lenticular sandy beds & abrupt narrow (5-10cm) pebble conglomerate beds 112550
descript straight from legend. easy to identify on outcrop scale, difficult on hand sample

contact between HR & CE at 115°
from 582 370E 7444 160N

116-0-11

28 JULY 01

NOR CLAIMS AREA CAMP 4

SOIL LINE 330° from camp

01-KS-31 : 0+00N 574 900 7498 690

32 : 0+50N int

33 1+00N int

34 1+50N "

35 2+00N "

36 3+00N "

37 4+00N "

38 5+00N "

39 6+00N "

40 7+00N "

41 8+00N 55 swamp int?

42 10+00N 574 130E 7499 610N

int frags

43 12+00N int frags

44 14+00N "

573 890E 7499 980N

45 16+00N no rock frags

46 18+00N "

47 20+00N "

48 22+00N "

573 310E 7500 740N

49 24+00N no rock frags

50 26+00N "

51 ~28+50N cut line @ 28°

572 940E 7501 260N

SURVEY LINE

01-KS-52S: 31700N no rock frag
close to break in slope
53 S: 572 630E 7501 660N
Top of ridge

01-KS-54 RX: west edge ridge
572 320 E 7501 640N
grey green, sometimes speckled,
weathering, fine gr mafic
intrusive / coarse gr mafic
volcanic / buff, filled chlorite
seams & rosettes to 10%,
dark green mafic minerals &
light green feldspars N 1/2 + 1/2,
mod fol 16 E 10 to 48

legal survey post @ 573 360E 7502 480N
cut lines @ 080° + 200°
STA 28: dark green grey
andesitic hard dense
& massive

Helicopter Ridge 30 JULY 01
01-HR-01 RX 07 621 360E 7374890N
poorly bedded brown
sandstone rubble

01-HR-05 RX 07 615 960E 7342 360N
same

01-HR-07 RX 07 610 850E 7340 700N
same

01-HR-09 RX: 07 606 690E 7337 710N
Top ridge rubble limestone,
sandy lenses & thin
mudstone interbeds
"Hart River"?

01HR 19 area dipping E 24°

Melucci

1 Aug 01

01-HR-20:08 430 750 E 7275 270 N

light grey weathering
black, non calc shale
290 N 80

21:08 430 380 E 7275 020 N

same

26A fines

26B Canal mudstone

08 438 550 E 7276 140 N

34 08 414 500 E 7277 520 N

calc shale, finely bedded
& banded 130 S 18

interbedded with blocky

~~35A black thin~~ light

grey weathering, dark
grey rfgc lot

35A 08 410 700 E 7273 740 N

black, thinly laminated shale
tabes overlain by rfgc
lot Tabes 35B

36 0409475 7275533
black shale white/blue
coating

37 shale sand + carbonate rock frags

38 rub. zone sand

~~3~~

39 A camel sand

B camel cherty shale

08 409 800E 7278 010N

40 camel shale in burn

41 08 411 720E 7282 470N

dolo

42 08 409 250E 7282 490N

dolo

Shurchward Hill 2 Aug 01

116 69 W of highway

01-KS-55 RX. light to med grey

weathering, dark grey

argill. refgr. lat. mapped

as Ettrian rubble

07 627 030E 7275 330N

01-KS-56 SS: 628 360E 7274 700N

^{n. black} shale bits + lonshit

57 SS: 628 230E 7274 500N

black shale + rusty carbonate
bits. very high organics

58 RX: 628 340E 7274 600N

yellow + blue white weathering
black non calc shale
rubble

sample list

01-HR-20 RX

21 no hand

22 "

23

24

25

26 A (no hand spec), B

27

28 no hand

29 "

30

31 no hand

32 "

33 A (no hand), B, C, D (no hand)

34

35 A (no hand), B

36

37 soil & rock (B)

38 soil

39 A (soil) B RX

40 no hand

41

42

43

44 [?] no hand

45

46

47

01-RS-55 RX

56 SS

57 SS

58 RX