

Walking SE across swamps

2006

photos (part 1) looking
N to SW at Ruchie
and Tarama

shots (30- pan) looking SE
to Paketere

85

TIRMANI 2006

Sat 7 Jan Arrived Devonport, stopped
in Burnie, drove to Greenstone
Sun 8 Jan sight seeing - Linda Valley
and Strahan. Overnight in Burnie.

Mon 9 Jan Helilifted to Proprietary PK.
Short walk, but rained most of the day.

Tue 10 Jan Down eastern slopes
to volcanic's + around to north
slopes across faults. Followed up
along northern slopes. Rained late pm.

Wed 11 Jan Northern slopes - looked
at fault wedge and found another
unconformity. Walked down to
Hilar, and drove to Queenstown

24 Jan (All readings AUS66)
Good drops

① 3890 94E 52 450C 2N

② 393 449E 52 36663N

③ 396 216 E 5242512 N

86

④ 401394 E 5244201 N

⑤ 400538 E 5235723 N

ABD66

97159

60A94

33152 N

97047 E 32969 N

46935 E, 33786 N

Photo 001 → 43 E.

gk schist Recumbent folds

34 → 036

(photos by Mike)

M. 1010.5

34
Hbc

97030 E, 33404 N

96918 E 33221 N

96806 E, 33038 N

Photo 169 → 12 W

lineation 2 → 330

97240 E, 33271 N

97134 E 33088 N

97022 E, 32905 N

Recumbent folds in gk schist

gk schist 28 → 084

Hbc

layering 167 → 29 E

Sam

continue east dip to

97128 E, 32913 N

97240 E 33005 N

97352 E, 33271 N

Fold hinge zone

join to east

97457 E, 33234 N

97345 E 33051 N

97233 E, 32869 N

kg. gk (musc?) schist

upright minor folds

but dominant east dip.

Scattered o/s to east -

lineation 2 → 330°

97134E 33088N ✓

Recurrent folds in gtz -
gtz schist 28 → 084
layering 167 → 295

continue east dip to

97240E 33096N

Fold hinge zone 15 → 168[↑] (87)
joint to east 136 → 47W

97345E 33051N

97457E, 33234N

97233E, 32988N

Apr. gtz (musc?) schist

upright minor folds ~~9~~ 185[↑]
but dominant east dip.

Scattered o/c to east -

dominantly moderate east dip.

97716E, 33224N

97552E, 32850N

97664E 33041N ✓

Gtz schist 185 → 30W[↑]

minor folds, upright to ~~185~~ 185[↑]

also 16 → 316[↑]

97851E, 33269N

97739E 33086N ✓

97627E, 32903N

Immediately east of prominent

Qty / Qtzite o/c gtz schist

016 → 52W[↑]

50m to east Qhtz / gtz schist ✓

017 → 66W[↑]

c. 50 to N. minor folds 188
27 → 330° ↑ also subhorizontal
to gentle N x S Plunge → 014/
194° ↑ upright, east verging ^W E

97794E 33234N 97906E, 33417N
~~47682E, 33051N~~

Eastern slope of ridge

dark wtting pelitic musc schist
002 → 58 W ↑ — common vein
gtr stringers // to schistosity

(note similar occurrence of fine
gr. schist of eastern slope of
ridges to west)

98005E, 33482N
~~97781E, 33116N~~ ✓

97893E 33299N

White 020 → 67 W ↑ minor
gtr schist. Forms prominent
ridge to north and south

98216E, 33468N
~~97992E, 33102N~~ ✓

98104E 33285N

gtr schist — regional dip →
c. 40 W. abundant minor folds.

~~at surface~~ ↑ subhorizontal. 189
verging east E. ^W E
axis surfaces dip c. 70 W.

98381E, 33406N
~~98157E, 33060N~~

98269E 33223N

gtr schist — minor gtr
171 → 68 W. ↑

97893E 33299N

Qzite 020 → 67W minor
gk schist. Forms prominent
ridge to north and south

98104E 33285N

Qz schist. - regional dip →
c. 40 W. abundant minor gk.

161 → 341 carbonaceous.

veging east E. W. 10

and surfaces dip c. 70 W.

98381E, 33406N

98269E 33223N

~~98157E, 33040N~~

Qz schist - minor gk

171 → 68W. A

Gravels along eastern side
of hills.

99630E, 34234N

99518E 34051N

~~99406E, 33868N~~

Med-fine gr gk sst an west
side strike ridge [redacted]
possibly brecciated (on surface)

400206E, 34825N

00094E 34642N

~~399402E, 34459N~~

Basal Palaeozoic 50cm gk
pebble congl. - angular - sub.
rounded gk & gkite clasts to
3cm - mostly < 2cm -
overlain by gk sandstone

037 → 58W. F

c. 6-7m sst across outcrop. (90)

followed strike ridge to NE

00326E 34977N ~~400244E~~ ~~347921N~~

Egr. sst 029 → 47W F

pitted surface - strongly
bioturbated just to south.

400438E, 35160N
(on propsting map)

Wed 25 Jan

Photo's looking east at
strike ridge of lateral Pal
sandstone just south of
Giblin River.

Photo Giblin R. composite
looking NW to Lowsear Beach
approx 400950E 5235800N
o/s west side strike, south
side Giblin River on Propsting map

Xbed sst 032 → 38W F
underlain by bioturbated,
pitted sst. (2 photos)

approx 401006E 5235960N ✓ (91)
o/s, south bank Giblin River on Propsting map

med-line sst 022 → 29W F

Sample 1106 Xbed

transsect to SE, SSE & ENE
(but from single outcrop)

Shoaling up, - then later coarsely
bioturbated sandstone; Xbed
sandstone

looking NW to Lowson Range

approx 400950E 5235800N

o/s west side strike, Santa
Sofia Giblin River

Xbed sst 032 → 38W F on propsting map

underlain by bioturbated,
filled sst. (2 photos)

approx 401000E 5235900N ✓ (9)

o/s, south bank Giblin River

med-line sst 022 → 29W F on propsting map

Sample 1105 Xbed F

transsect to SW, SSE + LIVE
(but from single outcrop)

Sho. bioturbated, - 1 thin bedded couple
bioturbated sandstone; Xbed
sandstone

27 Jan

Bioturbated sst [redacted] F

401572E 5243731N

01736E 43755N

bed-fgr sst 000 → 18SE F

01910E 43918N

Bioturbated sst 043 → 30SE F

probable cleavage 002 → vertical I

Continued NE along strike "age"

2 Photos - looking south RZ
along east side valley (very
hazy)

02017E 44072N

Photo - c 1m section of Xbd
sst overlain by bioturbated
sst 033 → 64 SE F current
transport towards SSW.

note plucked sst just SSW.

02140E 44180N

Sandst 165 → 28 W F I
possible cleavage N-S → v. steep

01882E 44337N (dubious o/c)

possible sst o/c 014 → 32 E F
Xbd transport → SSW ↓

01967E 44377N

Protruber 177 → 22 W F
possible cleavage 012 → v. steep I

bold sst o/c c. 10m to west - (93)
probable prominent joints

01881E 44592N

Sst 173 → 37 W F

01939E 44821N

fine oolite or - muscovite

Sanded 165 → 28 W

possible cleavage N-S → v. steep

01882E 44337N (dubious o/c)

possible sst o/c. 014 → 32 E

Xcd transform → SSW

01967E 44377N

Protruded sst 177 → 22 W

possible cleavage 012 → v. steep.

bold sst o/c c. 10 m to west -

probable prominent joints

014 → 66 N

(93)

01881E 44592N

Sst 173 → 37 W

01939E 44821N

Fine grained gr-muscovite

schist 002 → 65 W ♦ pelitic,
large muscovite flakes.

01945E 44882N

Samples of gr-musc schist
with small garnets (2/06)

01967E 45388N ♦

(general trend)
o/c gr-musc schist ~~...~~
strongly crenulated in hand
specimen.

02025E 45622N

scattered gr rubble to SE

01441E 45406N ✓

(94)

~~171~~ → ~~25~~ Strongly foliated
gr-musc schist - abundant musc.
(on eastern slope ridge, between
Paleozoic sediments)

01409E 45360N ✓ Ridge crest
Sst 161 → 23W. F

01450E 45230N

2 photos looking south
at basal Paleozoic strike
slope - Sst outcrops

01464E 45068N ✓

Qty Sst with a few scattered
pebbles just above u/cant.
~~116~~ → ~~32S~~ F

01527E 45078N

Cgr. gr-musc schist just
below u/c. ~~157~~ → ~~38W~~ F

(Sample 3106)
10m east basal gr Sst with

few scattered gr pebbles (95)
~~171~~ → ~~25~~ V. strong, close spaced
foliate 030 → 90 F

01384E 44989N ✓

Sst 148 → 22W ridge
west of basal Sst. F

01420E 44685N ✓

01464E 45068N

Qty sst with a few scattered
pebbles just above u/cant.

~~116~~ → 32S

01527E 45078N

Cgr. grt-musc schist just
below u/c. ~~157~~ → 58W

(Sample 3106)

c. 10m east basal grt sst with a

few scattered grt pebbles (95)

17 ~~157~~ → 58W. V. strong, close-spaced
joints ~~030~~ → 90

01384E 44989N

Sst ~~148~~ → 22W ridge
west of basal sst.

01429E 44685N

Sst o/c on western (dip)
slope of ridge ~~147~~ → 37W

Sat 28 Jan

00080E

45917N (o/c on bank
on large stream)

Xbdd sst ~~144~~ → 10 SW

Same herring bone X bds.

(2 photos) Fossil in loose
pebble @

99588E 45987N

Sst ~~134~~ → 32 SW

98863E 46208N ✓

(96)

Sst o/c at ridge crest 025 → 23E

X 644

Photo pan from Mt. Hardwood
due east, to south)

98176E 45394N ✓

Sst o/c on west side hillside

009 → 48W] (probably bedding?)
— more likely cleavage?
29.01.06

98125 45482N ✓

Sst o/c in east bank of
large stream — slightly

undulating bedding — wavy

078 → 75. plunging → 150

Good o/c on west bank ~50m
upstream. Sst [redacted] F

Sun 29 Jan

97759E 45515N ✓

DK grey decomposed / msc

178 → 56E F

97633E 45526N ✓

(97)

Ridge top o/c of strongly
cleaved, yk veins, med-

fine gr sst clv 155 → 25W

97450E 45595N ✓

Strongly cleaved sst with

a few scattered pebbles

band 055 → 12 SE clv 153 →

undulating bedding - wavy
078 → 75. plunging → 150

Good o/c on west bank c. 50m
upstream. Sst 109 → 245

Jan 29 Jan

97759E 45515N ✓

Dk grey decomposed ls
178 → 56E

97633E 45526N ✓

(97

Ridge top o/c of strongly
cleaved, gr. v. med-
fine gr sst. Clv 155 → 85N

97450E 45595N ✓

Strongly cleaved sst with
a few scattered pebbles
bdng 055 → 12 SE Clv 153 →
v. steep → c. 83N

83]

97314E 45623N ✓

Cleaved sst with common
gr pebbles 097 → 16S
Clv 151 → c. 82N
(photo looking ESE)

f
1

97246E 45592N ✓

Probable gr sst with strong
cleavage 152 → v.s. west
— rubble of ls & gr to
north

97190E 45560N ✓

(98)

Pelite gtz - chl (musc?) schist
with a few small pink garnets
schistosity 157 → subvertical

97166E 45550N ✓

Fgr. schist 085 → 225
- note also possible
minor folds in schist plunging
50°

97170E 45157N ✓

Pelite gtz - musc schist in
stream of cr. 137 → 355
(sample 04)
4/06

97151E 45054N ✓

Ridge top, south bank stream
cleaved sst 106 → 12 E
clv 37 → 66 W

photo by Mike looking NW
at V-shaped of both valleys

96969E 44852N ✓

(99)

Sst with boulders 005 → 56 E
dip: 158 → 90 I (Basal Pateras
could be clug?)
sed are western of two sst ridges

Pelite schist c 100-200 m
to south 048 → c 65 SE

96905E 44596N

stream o/c. 137 → 355
✓ (sample 04)
4/06

97151E 45054X1 ✓

Ridge top, south bank stream.
cleaved sst 166 → 12 E

clv. 157 → 66 W

photo by Mike looking N/W
at V-shaped of rock valley

96969E 44852X1 ✓

(89)

Sst with boulders 005 → 56 E
X/W 158 → 90 (Basal Partings
seen are western of two sst ridges)

Pelitic schist c 100-200 m
to south. 048 → c. 65 SE

96905E 44596X1 ✓

Fine gr gr-musc pelitic schist
009 → 74 W. Overlain

by 1-0.5 m gr pebble congl

149 → 82 E 2m east sst

150 → 00 E clv 134 → 65 W

note small undulations
south from previous o/c.

96865E 44462X1 ✓

c. 1.5 m fine pebble congl in
sst 161 → 16 E (photo)

upright minor folds in schist
32 → 172 open

96832E 44271XIV

(100)

Basal congl - 52 L - 048 → 285E F

underlain by gte schist with
thin gte beds c91 → 53S. F

Schistosity bedding horizontal

Small isoclinal recumbent
folds 53 → 180 also later

upright fold 32 → 147



53

32

96775E 44212XV

Gte schist - sheet surface
schistosity 113 → 36S. F

Recumbent isoclinal
asymmetric, east verging minor
folds → 16S. F

Basal gte 178 → 40E F

cl 152 → 70W F

immediately south congl
is on east slope, not ridge
crest

96775E 44059XVI

(101)

Boulders basal congl
pelitic schist 726 → 42S F

small, east verging crenulation
beds 24 → 175

consistent strike 1100 →
30-40SW for 100 m.

01-15-11 1175-1180

schistosity. 113 → 36 S.

Remnant nodules
asymmetric, east verging, minor
folds → 165. ^E ^W

Basal ss. 178 → 40E

clv 152 → 70 W

immediately south (angl)
is on east slope; not ridge
crest

96775E 44059M

(101)

Boulders basal (angl)

pelitic schist 171 → 42 S

small, east verging crenulations

Bed: 24 → 125

consistent strike 1160 →
30-40 SW for a few 100 m.

96765E 43594M

Qz sch - schistose gneiss

upright minor folds 18 → 145 ^W

96696E 43619M

Cgr sst - gneiss - pinkish finge

171 → 54 ^F clv ^W

(must be small anticline to E)

96638E 43576M

Sst ^F 145 → 48E clv 161 → 71E ^W

96559E 43537M ^F

46

X bdd sst 174 → 46E + 138 → 40E

gravel veneer on sandst. (102)

Prominent white ridge
to east is Prot schist in
hinge zone of antiform
Synclinal hinge in valley
immediate to west of Prot

Mon 30 Jan

96171E 42520N

On eastern slopes Lawson Range
at foot of slope med-fine
graded pale grey-brown ss
[~~1002~~ → 38E] ~~clv 167~~ → 58E
Sample 6/06 - could be v. wtara gr. schist)

96120E 42490N (up slope from previous)

congl - gr pebbles - angular
to subrounded in ss matrix
- similar stk/dip as previous

Phyte etc immediately uphill

96070E 42494N

thick phite and gr schist

Layering 142 → 62E (103)

schistosity 163 → 64E

small recumbent isoclinal

59 → 045

95905E 42419N

gr schist 007 → 68E

- fairly consistent strike/
dip from previous etc.

Sample 6/ab - could be outward gne schist

96120E 42490N (up slope from previous)
cong. - gte pebbles - angular
to subrounded in ssf matrix
- similar stk/dip as previous

Pyrite etc immediately uphill

96070E 42494N^v

lbedd gte and gte schist

layering 142 → 62E
schistosity 163 → 64E
small recumbent isoclinal
59 → 65

95905E 42419N^v

gte schist 007 → 68E
- fairly consistent stk/dip
dip from previous etc.

95785E 42397N^v

gte schist 000 → 90
minor folds 32 → 170 verging
west - axial surfaces dip steep
west E W

95222E 42214N^v

3 photos from top of steep
slope looking N-NE
gte schist - very bold etc
161 → 67E 50m to south
upright outcrop in etc face
E W

95029E 42208N

(104)

Thinly interlayered gkls (with
pink tinge) and gk schist
158 → 44W



94951E 42192N (may be out slightly)

gk schist / gkls minor
fold, upright, open 12 → 164
an antiform crest - probably
syncline just to east.



94874E 42144N

Good, continuous sps along
stream bed gk schist / gkls
163 → 58W



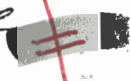
94648E 42070N

Photos to south (Nye Bay)
and west (Lawson Range)
gkls 173 → 37W



95805E 42567N

gk schist general



Strike 171 → subvertical
common, tight minor
folds - horizontal
rounded boulders, steep flanks

(105)

341



95858E 42674N

sps in stream bed, immediately
west of eastern gkls - gk schist
ridge gk graphitic schist

stream bed dk schist / gphs
163 → 58W

94648E 42070N ✓

Photos to south (Nye Bay)
and west (Lawson Range)

gphs 173 → 37W

95805E 42567N ✓

gphs scatter general

Strike 171 → subvertical

common, tight minor
folds - horizontal 161 → 34W
rounded boulders, steep flanks

95858E 42674N

gphs in stream bed, immediately
west of eastern gphs - gph schist
ridge dk graphitic schist
009 → 84W

95910E 42705N in small
gorge. Well bedded gphs 007 → 48E
(stream leads to waterfall just
NW of campsite)

96045E 42810N ✓

Continues across ridge on north
side stream as thinly inter-
layered gphs - gph schist
N-S → 64E

96095E 42809N

(106)

? sst of on eastern slope of
ridge 173 → 61E (sample 5/05)

Tu 31. Jan

96139E 47126N

M-Cgr. sst with a few small,
scattered (1 cm) angular gk
clasts. possible dv 164 → vsK

96110E 42098N

Gk schist 019 → 82E
3m to east. m gr gk sst

001 → 67E ^{up} dv 160 → 75E

pebbly sst c. 3m stratigraphically
above. — sst locally brecciated
and with worm trails

Xbdd sst c. 4m above
transport to NNW

96089E 41153N

Med-cgr. sst Xdd (possibly arkose)

N-S → 69E

95929E 40185N

(107)

Probable of Gk sst

040 → 42 SE → 171 → 77E

95836E 39676N

Sst a/k/s in west of low
ridge 161 → 64E Xdd.

95896E 39342N

001 → 67E clv
pebbly ssst c. 3m stratigraphically
above. — ssst locally brecciated
and with worm trails

Xbdd ssst c. 4m above
transport to NNW.

96089E 41153N

Med-cgr. ssst Xdd (possibly orkate)
N.S → 69E

95929E 40185N

Probable of qtz ssst

040 → 112 SE clv 171 → 75E

95836E 39676N

Sst a/s in west of low
ridge 161 → 64E. Xdd.

95896E 39342N

qtz schist 144 → 74W
common broken qtz veins &
blebs pel schistosity. Minor

beds steep → 301 (vertical
axial surfaces) also 158

upright. Basal congl on
eastern slope of
hill - angular to
(plan view)

subrounded blocks of qtz, qtzite
and qtz schist to 15 cm -
most < 10 cm across

95911E 39295N

Photo basal congl

also view to north (last 108
shot on film) - eastern
edge of Lanson Range.

① 95817E 39175N

Qk schist sheet dip.

041 → 32S.  Cumman

recumbent folds 28 → 185 

appears to be folding schistosity
- with crenulation cleavage
developing locally (2 photos
looking south-down plunge)
across valley to south




②


② 95747E 38876N

Qk schist with abundant

recumbent folds 32 → 161 

axial surfaces 081 → 30S 

some open, upright minor folds
18 → 189 

just to east schistosity 109
becomes 171 → 90 

95559E 38744N

Qk schist with abundant

asymmetric minor folds

veering west, upright, tight

31 → 163 E W W (X section)

short distance

② 95747E 38876N

Qth schist with abundant
recumbent folds 32 \rightarrow 161
axial surfaces 081 \rightarrow 305
some open, upright minor folds
18 \rightarrow 189

just to east schistosity becomes 171 \rightarrow 90 \times (109)

95559E 38744N

Qth schist with abundant
asymmetric minor folds
verging west, upright, tight
31 \rightarrow 163 E \rightarrow W (X Section)

sheet dip/strike = N-S \rightarrow 90 \times
W \rightarrow E
(plan view) \times 3 \rightarrow 190

95446E 38624N

Qth schist sheet dip 007 \rightarrow 76E
common upright minor folds,
still verging west \times 20 \rightarrow 28
axial surfaces 161 W \rightarrow E

(photo)

plan view.

95401E 38303N

(110)

gtr schist with abundant
V shaped, almost upright
mineral folds ~~33~~ → 16. }
axial surface → 75W } plan view

possible on our near
hinge of large antiform.
(3 photos to north-NNE and
3 to south, including folds)

94825E 37263N

Small o/c gtr - musc schist.
105 → 115

W 1 Feb

93412E 36633N

gtr - muscovite schist - fgr.
~~007~~ → 54W isolated o/c
on butter grass just south
of Drop 2.

92335E 36853N

Isolated outcrop of cgr.

White a gtr - musc - garnet
schist 008 → 31W common
V. small minor folds in schist
~~2~~ → 118 east verging.

92036E 36875N

Cgr. gtr - musc - garnet
schist 035 → 51E

W 1 Feb

93412 E 36633 N

gtr - muscovite schist - 1 gr.

007 → 54 W Isolated o/c
on butter grass just south
of Drop 2.

92335 E 36853 N

Isolated outcrop of cgr

White a gtr - musc - garnet ^{||||}
schist 008 → 31 W common
v. small minor folds in schist
[redacted] east verging.

92036 E 36875 N

Cgr. gtr - musc - garnet
schist 035 → 51 E [redacted]

91749 E 37099 N

Isolated o/c gtr schist - minor
open fold 48 → 239 ^W ₄₈ ^E (transverse)
- thin white layers.

91533 E 37139 N

gtr - alb - garnet [redacted] 39 S
schist with minor musc
(Sample 7/06) ✓

91451 E 37166 N

White - minor gtr schist ^W
Open, upright folds [redacted] ₂₆
general s/d E-W → 25 S ₂₅

91428E 37377N

(112)

Thickly bedded gkite 068 → 585

91238E 37688N

gk schist with minor muscovite
144 → 165 - Small open,
upright muscov folds

90712E 37856N

gkite g/c 169 → 56 W
(note gkite ops in ridge to
north also appear to dip
moderately west.)

90227E 37835N

dark green-grey clv 013 → 6 W
phyllite small folds → 318.
(sample 8/06)

90082E 38295N

Similar phyllite as previous
clv 153 → 73 W
Fold 22 → 183 - probably
of bedding with clv parallel
to axis of folds

89986E 38273N

Similar g/c - minor folds
27 → 165 also
main clv trend

90022E 38687N

90227E 37835N
dark green-gray d013 → 66 W
phyllite small folds → 318.
(sample 8/06)

90082E 38295N
Similar phyllite as previous
clv 153 → 73 W under
fold 22 → 183 — probably
of bedding with clv parallel ⁽¹¹³⁾
to axial surfaces

89986E 38273N
Similar o/lc — minor folds
27 → 195 also → 319
main clv trend 016 → 71 W

90022E 38682N
phyllite clv 174 → 82 W
under fold (of bedding) 42 → 164
west verging


89976E 39057N
phyllite clv 169 → 69 W
minor folds → 186

90019E 39475N
Phyllite clv 161 → 73 W
open minor folds → 259

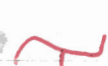
90036E 40090N
phyllite 175 → 84 W
minor folds → 317

90187E 40078N

(114)


Vughy vein gk on low ridge
adjacent to McNeil Fork
possible trend 173 → VS 

90166E 40337N



Ridge along strike - similar
gtc vein possible layering
173 → 56W 

Tue 2 Feb

90219E 40650N

Pelitic - ? graphitic schist -
? phyllite N-S → 67W 
contains garnets - = chlorite

90260E 40761N


Gneissic banded rock. Folded
belt commonly 
folds (minor) 35 → 317 
(Sample 9/06) also
patch of granite (Sample
10/06)

90170E 40176N

(115)

Ridge top with vein gk blocks
(on east side fault trough)

90137E 41315N

Qtz-chl schist are continuation
of low ridge 177 → 54W 

90120E 41486N

? phyllite N-S → 67W
contains garnets - chlorite

90260E 40761N

Gneissic banded rock. Folded,
belt commonly 0 → 35W
(folds (minor) 35 → 317
(Sample 9/06) also
patch of granite (Sample
10/06)

90170E 40176N

Ridge top with vein gt blocks
(on east side fault trough)

90137E 41315N

Qtz-chl schist are continuation
of low ridge 177 → 54W

90120E 41486N

Ridge just east ridge along
east side fault valley
? Phyllite and gt - possible clv
163 → 58W (dubious?)

89953E 41509N

Ridge crest, west side fault
trough. gt vein blocks
and dk-grey - black phyllite
164 → 68W very small minor
folds 29 → 317

also ops at western foot of
slope - similar to green-grey

phyllite seen on 1/02/06 (116)

89868E 41992N

Green-grey phyllite 161 → 61W

89546E 42491N (c. 10m a/steep from junction)

Dark-med greens & grey phyllite

clv 163 → 84W also

probable bedding 171 → 90 ≠

89450E 42457N

Phyllite as before clv 171 →

76W possible bedding 177 → 90 ≠

89346E 42549N

Grey phyllite 169 → 78W (do)

upright narrow fold of gtr vetu
29 → 183 ↓ clv is axial plane
to folds in gtr vetu.

89284E 43033N

gtr vetu trend c. 163 → c. 60W

- followed for c. 100m to here

some float of phyllite (117)

89319E 43475N

Green grey phyllite 170 → 72W
(blake)

89151E 43837N

Phyllite as previously 171 → 77W

- also gtr vetu float

89346E 42549N

Grey phyllite 169 → 78W (du)
upright narrow fold of ph vein
29 → 183 clv is axial plane
to fold in ph veins.

89284E 43033N

Ph vein trend ~~clv~~
- followed for c. 100m to here ::
some float of phyllite (117

89319E 43475N

Green grey phyllite 170 → 72W
(slate)

89151E 43837N

Phyllite as previously 171 → 77W
- also ph vein float

88925E 44657N

Phyllite 008 → 90 clv
ph vein // cl cleavage

Photos from ridge just NE
of Drop 1 site

Elliott Hill to south, views
across and southeast along
McNeil Fault, Elliott Hill again

89101E 45030N

Greenish-grey phyllite
clv 025 → 72W } very small

minor folds with conspicuous (118)
crenulation cleavage trending
131 — dips v.s. south
folds fringe → 301

cren. clv
folds

87

117

89094E 45002N

Qk veins. approx trend
145 — Green-grey phyllite/
slate probable bedding
130 → 82S — strong clv 032 → 73W
X [

Fr. 3 Feb

89149E 45122N

V. fine grained, black phyllite/
slate 138 → 78W [On
ridge on west side of fault
trough

89272E 45208N

Qk vein on ridge crest
east of fault trough

trend c. 170-175. (119)

89728E 45176N

3 photos looking NW
towards Mt. Osmond.

89361E 45954N

Gneissic rock with red garnets
138 → 53 SW (Sample 11/06)

89149E 45122N

V. fine grained, black phyllite/
slate ~~138~~ → 78W On
ridge on west side of fault
trough

89272E 45208N

Qtz vein on ridge crest
east of fault trough

trend c. ~~170~~ - 175

(119)

89728E 45176N

3 photos looking NW
towards Mt. Osmond.

89361E 45954N

Gneissic rock with red garnets
~~138~~ → 53SW (Sample 11/06)

89260E 46126N

Ridge crest on east side
fault trough. Qtz vein - ~~N~~
general trend ~~165~~ → steep W

89092E 46341N

O/c in stream. Dk grey -
black phyllite ~~159~~ → 90 ~~I~~
scattered pyrite grains


89114E 46342N (just upstream)

Gneissic rock - no obvious layering

(120)

89145E 46366N


(120)

Gneiss unit continued — 
possible layering 095 → 465

returned to first stream
location and continued down/s.

89078E 46364N (± 16 m) at

major turn to SW in stream

Black phyllite 150 → 78 SW 

89056E 46337N (± 20 m)

Black phyllite continued

161 → 74 W  small minor

folds 35 → 201  (east verging)

W  E (down)

ops continued for c. 50 m.

next ops in v. small tributary

from north — black phyllite

89001E 46299N

(121)

88906E 46212N

Green gray phyllite  

Qz vein c. 20 m west of
previous location

88822E 46251N

DK gray phyllite 014 → 90 

161 → 74 W

small minor

fold 35 → 201

(east verging)

W-E (110°)

ops continued for c. 50 m.

next ops in v. small tributary

from north — black phyllite

89001E 46299N

88906E 46212N

Green gray phyllite 001 → 85W

Ph. vein c. 20 m west of
previous location

88822E 46251N

DK gray phyllite 014 → 90 I

88800E 46252N

DK phyllite continued ~~015 → 77W~~

88731E 46218N

White 016 → 78 W I

88704E 46230N

White with thin, i.b. pelitic
layer. 001 → 68 ~~clv~~ ^{Next} clv 11° to
bedding small medium folds

23 → 183 east verging — appear
surface 11° layering/clv.

clv 012 → 77E

[77]

88603E 46196N

(122)

Qtzite - minor folds on hinge
of small antiform, upright
16 → 002

Qtzite continues with
mod-steep west dip.

88481E 46206N

Qtzite 139 → 32 SW

88402E 46193N (± 25m)

Chlorite qtz porphyry (Sample
12/06) clv 162 → 90 I

88444E 46198N

c. 5m east of porphyry -
Qtzite contact - western
most Qtzite o/c.

Ridge south of creek

88727E 45891N

Qtzite - irregular clv largely

1/4" bedding 001 → 87 W

minor folds 28 → 351

88704E 45605N

Strongly cleaved Qtzite
163 → 68 W.

88640E 45506N

Minor folds in Qtzite

12/06) clv 162 → 90

88444E 46198N

c. 5m east of porphyry -
qtzite contact - western
most qtzite o/c.

Ridge south of creek

88727E 45891N

Qtzite - irregular clv largely.

Hel bedding

001 → 87W

(123)

minor folds

28 → 351

88704E 45605N

Strongly cleaved Qtzite
163 → 68W.

88640E 45506N

Minor folds in qtzite

26 → ~~26~~

↓
26

88566E 45504N

Strongly cleaved qtzite on western
ridge 163 → 58W ~~163~~

88581E 45306N

Strongly cleaved qtzite

159 → 77W ~~159~~

minor ~~159~~

↑
77
↑
M

deforming clv 77 → 307 on air
surfaces Hel main layering trace

125

88650E 44955N

(124)

Strongly cln gnt 161 ~~→ 78E~~

88760E 44998N

Summit of ridge just west of
final camp site. *White*

165 ~~→ 57W~~

photos looking N, W & S.

88931E 45019N

Grey phyllite/slate ~~for~~ ~~→ 78W~~ [

(125)