

25114E 45442N In middle ³⁸
of new cutting - **2005** W. side of
and. main shale?

34763E 43226N

Between Clayton & Turner's Beach
off road of dk grey schist. - pelitic
finely foliated gk - brot - ? quartz
common v. gk augen - some

[019 ⁰⁴⁵ → 65W] ~~forward~~ plunge

gently - mod N.wards - schistosity
is axial surface to folds

folded foliation

SE vergence

variable plunges
towards SW

SOUTHWEST TASMANIA

(all readings in WGS 84)

30 Jan 2005

Coastline NW of Nye Bay

① c. 100 m East of next location ^(39V)
immediately west of mylonite
zone gk + white c. 5m then dk
grey pelitic schist - finely
foliated - small faults N/S
c. 016 → 65W

② 91071E 33254N

Dark grey, finely foliated schist
N-S → 55W v. small outcrop

SE vergence

variable plunges
towards SW


SOUTHWEST TASMANIA
(all readings in WGS 84)
30 Jan 2005
Coastline NW of Nye Bay

① c. 100 m East of next location (39V)
immediately west of mylonite
zone. white c. 5 m then dk
grey pelitic schist - finely
foliated - small faults NE
c. 0/6 → 65 W

② 91071 E 33254 N 390959 5233071 ✓
Dark grey, finely foliated schist
N-S → 55 W v. small minor
folds → 335 N. verging,
subvert & surface - darker
light grey layering (phyllite
rather than schist)

③ 90864 E 33430 N 390752 5233247 ✓
In middle of white sand beach just
west of gulch. Dark pelitic phyl
light & isoclinal folds. Layering 150 to
45 → 193 west end 172 → 72 W
but varies. layering folded
all then phylite
and pelitic

possible
refolded
fold?



(4) 90697E 33343N 390585 523360 (40)

Dark pelitic continue ~~00~~ → 75W

minor folds 30 → 193 vs ex. cut.

at base of hinge zone in med
grey gr rich zone with v. strongly
folded layering - chevron/cren. style

50m to west - same plunging
folds continue - east verging

(5) 90562E 33273N 390450 5233070

008 → 72W Dark pelitic sch/

phyl with lighter striping

thin pyrite veins // l layers

isoclinal fold gentle plunge

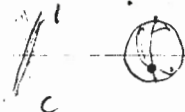
→ 006 with blotchy cutting
striping



(6) 90525E 33212N 390413 5233029V

DK-striped pelitic 143 → 46W

clve 172 → 66W



(7) 90350E 33039N 390278 5232856 (41)

DK-med green biotite rich

~~intrusion~~ in pelitic c. 6-8m

across (sampled) - also thin

dyke cutting foliation.

(8) 90270E 32984N 390158 5232801 V

DK pelitic clve 176 → 70W

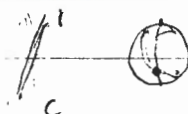
folded bwn striping to east.

thin pyrota veins // el layers
 1500m tall in the plunge
 → 006 with blotchy cutting
 striping



⑥ 90525E 33212N ✓

Dk-stripped pelitic 43 → 46W
 clve 172 → 56W



⑦ 90350E 33039N

Dk. med green biotite rich
 intrusion in pelitic 0.6-8m
 across (sampled) — also thin
 dyke cutting foliation.

⑧ 90270E 32984N ✓

Dk pelitic clve 176 → 70W
 folded bwn striping to east.

⑨ 90223E 32875N

390111
 523692

Folded in pelitic clv 005 → 69W
 folds 18 → 196



strongly folded in
 minor-meso scale to west

90194E 32844E — photo ✓

⑩ 90073E 32915N

389461
 5232732

Cren folds in dk pelitic
 13 → 348 axial sin 178 → 62W
 45 crenulations bands N. verging
 foliation 178 → 71W

⑪ 89860E 33006N 389748 5232823 (42)

dk pelitic clv 177 → 67W

even/kink hor. ax surf 141 → 90
north verging

c. 100 m to north

entire folds of Ben striping
with clv → gentle north
also even folds as before

⑫ 89758E 33616N (East side of Bay) 389646, 5233433

dk pelitic 171 → 68W same

even/kink → NW

⑬ 89596E 33644N (West side bay) 389484, 5233461

DK pelitic v strong crenulation fold

166 axial surf / v. steep folds - v. small

68 → 334 north verging clv 032 → 71W

⑭ 89501E 33717N 389389 5233534

dk pelitic s. clv 177 → 66W ✓

v strong even clv 155 → 58W



clv 116 → 42 → 319
— intersection on clv surfaces

same small kink → 308

north verging

[check clvgs?] (43)

⑮ 89442E 33697N 389330 5233514 ✓

dk pelitic minor folds with v. st.

axial clv 007 → 68W

folded ben striping 22 → 193

east verging.

- ⑬ 89596E 33644N (Westside bay) ✓
dk pelitic v strong crenulations folds
166 axial surf / v. steep folds - v. small
68 → 334 north verging clv 032 → 72W

⑭ 89501E 33717N

dk pelitic s, clv 177 → 66W ✓
v strong cren clv 155 → 58W



clen 11m tran 42 → 319 (43)
- intersection on clv surface
some small kinks → 308
north verging [check clvgs?]

⑮ 89442E 33697N

dk pelitic minor folds with v. st.
axial clv ~~007 → 68W~~

folded b/w clv ~~22 → 193~~
east verging.

clen at surf 151 ~~fold 32 → 331~~



⑯

89319E 33856N 389207 5233673 ✓

Profile-bearing dyke in dk pelitic
cl. 021 → 66W - dyke // clv
2 x 20-30 cm wide (sample) (c. 100 m along strike)

⑰ 89412E 34181N

389300 5233998 ✓

Abundant cren folds at surf 007 → 75W

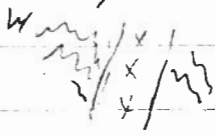
plunge ~~45 → 190~~

South vergence

clv enveloping surface 130 → SW



have gte rich than to SE & E. ⁴⁴

(18) 89362E 34275N 389250 5234092 ✓
low 30cm wide white intrusion
in gte rich pelitic - cut for.
W  E. Folds 56 → 203
just to north are NW
plunging even folds
north verging

(19) 89185E 34657N 389073 524474
even folds in breccy foliated
gte sp-schist/phyllite 10 → 193
ax ~~surf. fold~~ east verging
shear dip of foliation 003 → 45 W

(20) 89116E 34682N 389000 5234099 ↓
Strongly folded gte phyllite
folds vs → 336 also 40 → 242

to north shear foliation N-S
→ steep west well - minor
meso folds verg east - upright
axial surfs

31st Jan 2005

(45)
NE of Nye Bay

Grey pole guard at bush edge

Creek Xing 92785E 33231N
392675 5233008

(21) 92985E 33338N 392873 5233155
low of gte - sch gte 171 → vs E
(low area adjacent to creek has
scattered small pebbles)

(22) 93222E 33476N

at out. flow east verging
sheet dip of foliation 003 \rightarrow 45 W

② 89116 E 34682 N

Strongly folded gk phyllite

folia vs \rightarrow 336 also 40 \rightarrow 242

to north sheet foliation N-S

\rightarrow steep-met west - normal

meso folds being east - upright
axial folds

31st Jan 2005

NE of Nye Bay

Grey pole guard at bush edge

Creek Xing 92785 E 33231 N

① 92985 E 33338 N

low of gk - sch gk 171 \rightarrow vs E

(low area adjacent to creek has
scattered small pebbles)

② 93222 E 33476 N

39310
5233293

Isolated gk veins of - scattered
pebbles about - possible degraded
higher level surface.

middle of small angular blocks of
sch gk to east

③ 93422 E 33454 N

393310
5233271

Muscovite-bearing gk schist 00 \rightarrow 53 E

④ 93433 E 33490 N

393321 523307

Creek Xing 30-50m east on hill slope

gk-musc (cgr.) schist 171 \rightarrow 90
with common thin gk veins

⑤ 93544E 33625N 393432 5233642 (46)

Scattered, low o/s gr-musc schist/
sch grite 172 → 46E

50m to east sp gr-musc white
schist 018 → 72E finely foliated

probable garnet in schist c. 100m E.
- then spotted gr-olb-musc sp sch.

⑥ 93804E 33623N 393692 5233440

gr-olb-musc sch. 013 → 20W

⑦ 94036E 33558N 393924 5233375

Rubble of sch grite

- also c. 50m to east.

⑧ 94273E 33599N 394161 5233416

gr-musc sch 150m to east (Hob)

ax suit 015 → 23E

layered folded, but

also ax suit fabric in hinge

plunge 15 → 170?

foliated 018 → 42E

(47)

50m to east open microfolds in

g-m sch 7 → 164

very gentle dip! continue for c. 100m

⑨ 94389E 33575N 394277 523392

grite 018 → 90/55E

& gr sch.

⑩

⑦ 94036E 33558N

Rubble of sch gkite

— also 1.50m to east

⑧

94273E 33599N

gr mmsc sch 150m to 101 (Hob)

ax suit 015 → 23E

layering folded, but

also ax suit foliation in hinge

plunge 15 → 170?

foliation 018 → 42E

(47)

150m to east open micro folds in
g-m sch 7 → 164

very gentle dip continue for 100m

⑨

94389E 33575N

Qkite 018 → 90/55E

2 gk sch

⑩

94579E 33536N

394467 5233353

Qkite 013 → 58E

⑪

94845E 33560N

394733 5233367

Qk + gk schist open micro folds
x-axis folds trend away → variable
plunge N-E.

continues to east layer N-E
→ 15 W

⑫

94982E 33577N

394870 5233394

White gk sch. 172 → 78W minor

folds 25 → 342 ax suit 63W
east verging NW

also think fold, ax cut NE-SW (48)

(13)

95128E 33586N 395016 5233403

Upright normal folds in gk-gk sch
subhorizontal or upright

— where not obviously folded

020-030 → vs 11

(14)

395180 5233407

95292E 33590N just an east-slope
ridge of highest point

gk sch 106 → 56E

upright N-S even fold to east

(15)

95457E 33563N 395345 5233380

gk sch 023 → 68E also

upright folds 12 → 021

(16)

95555E 33506N 395443 5233383

Red-yellow w/ tan, knotted schist

103 → 32W

(17)

95637E 33580N 395525 5233397

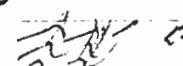
strongly normal folded gk sch

folds 14 → 342 (but variable)

149

ax cut c. 70W sheet surface up to W

west folds large east (35-40)

W  E

✓
photo. 5 to N looking east into
Giblin Valley

1 Feb 2005

Track exit from beach 92592E 32854N

(15)

95457E 33563N

Gr schist 023 → 68° also
upright foliation 17 → 021

(16)

95555E 33566N

Red-yellow w/ tan, knotted schist
163 → 32 W

(17)

95637E 33580N

Strongly mineralized Gr schist

foliation 14 → 342 (at variable)

149

at creek c. 70m sheet surface approx. W
west side verge east (55-40)
W N E

✓
photo taken looking east into
Giblin Valley

10 Feb. 2005

Track exit from beach 92598E 32854N
from small hilltop 92755E 34032N
head towards sand hill break, north
of big trees, & just south of burnt patch
from Ummarruk CK head 105m, use
31° peak for a while, until SW turn
Entry point west side Ummarruk
CK 89800E 35995N

88696E 35827N 388589 5235641

Sp Baw schist Strongly foliated
35 → 338 upright at creek
Creek cu-microcline

& Andrew McNeil mapping

Wed 2 Feb, 2005

(50)

92595E 32730N 3924E3 5232553

last obs just upstream from mouth
of Nomene ck. gr sch sheet s/d

~~1~~ 28 W open upright meso

folys ~~1~~ 62 also isoclinal

folys ~~1~~ 10yr ing ~~1~~ 2007

~~Thu 3 Feb~~

393701 5229070

In button grass 93813E 29753N

small gr nuc schist ~~177~~ 135E

(of similar unit east of

Nomene (1st campsite))

Camp location 968107E 29882N
112 183

396095 5229669

Fluvial area immediately east
of campsite covered in grite
cobbles + pebbles - rounded to
angular - bit like the terrace surface.

397660

5229470

Walked to 97752E 29653N ✓

Sat 5 Feb

(51)

Traversed SE from camp site

397060 5228934

97152E 29117N First stop - over

pebbly surfaces

397110 5228152

97222E 28335N Second stop

gr-grite pebbles

397383 5227888

97495E 28071N

Rubble of fine med gr ssst

Camp location 96207E 29852N

Flattish area immediately east
of camp site covered in gneiss
cobbles + pebbles - rounded to
angular - like the terrace surface.

Walked to 97752E 29653N ✓

Sat 5 Feb

(51)

Traversed SE from camp site
97152E 29117N 1st stop - over
pebbly surfaces

97222E 28335N Second stop
gn - gneiss pebbles

97495E 28071N

Rubble of fine med gneiss

397624 5227489
97736E 27672N

Fine grained Xbed gneiss ✓

171 → 90 N 

10m to east becomes platy - same
strike → 85E - these form
western ridge at Stream Xing

397800 5227370
97912E 27553N

Qtzite - gneiss schist ✓

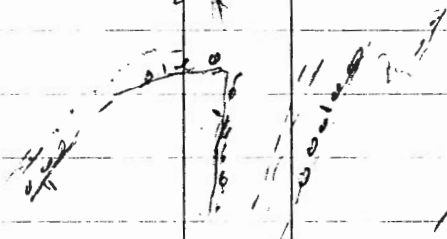
166 → 70E

about 1m matrix supported gk⁽⁵²⁾
pebble congl at eastern side of
sst.

397532 5227166

97644E 27349N

dk pelitic (biot?) schist) 033 → 87E
where folds 55 → 063, verging N
2m angular pebble-cobble
congl 073 → 63N then sst
- same pebbly beds
to east 010 → 87W x 62 541 ^N _S
north-plunging folds



✓
photos

397346 5226846

97458E 27029N

2m pebble-cobble congl - angular
- subrounded to 7-8cm -
clast supported - poorly sorted
mainly white gk, gk-congl
pink 010 → 73E

"Holey" sst to west 4-5m, then ⁽⁵³⁾
platy sst. ✓ probably west-
photos facing

396386 5226300

96496E 26488N

Small 2x15m of siliceous
cobble-pebble congl - angular -
subrounded, clast supported
no bedding, but "trend" of o/c
is c. 140°

photos ✓

97458E 27029N

2m pebble cobbles varied - angular - subrounded to 7-8cm -

clast supported - poorly sorted - mainly white gk, gk - conc

pink 010 → 73E

"Holey" ss to west 4-5m, then (53)
platey ss ✓ probably west-facing
photos

96496E 26483N ✓

Small o/c 2x15m of siliceous
cobble - pebble concg - angular -
subrounded, clast supported
no bedding, but "trend" of o/c
is c 140°

N end Mulcahy Bay - Congl ss
o/c 148 → 60 NE minor ✓
fossils 48 → 353 on surface
045 → 53 NW. Photo concg

396059 5225917

96171E 26100N ✓

Photo & concg 170 → 90

(previous o/c about 50m west)

Mon 7 Feb 2005

(54)

Wreck Bay

01051E 17659N (1) 400939 5217476

Interlayer gr-musc schist and
thin grtite beds (5-20 cm)

012 → 624 Grtite (with small
musc. flakes) folded with schistosity
axial surface 170 → 185 -
strong veering lineation on
schistosity surfaces - folds
verge east.

Continues west as ^{semi-pelitic} med-grey
grt chl-musc schist. Faint
brn layering, folded with
axial surf schistosity.

00862E 17660N (2) 400750 5217477

Similar schist with folds in
grt-rich layers 158 → 73W
folds 72 → 225 (reclined)
ax surf is schistosity

(55)

Thin, banded grtite & musc

400656 5217320

00568E 17503N (3)

4 m wide zone of thin grtite &
pelitic layers strongly folded
strongly folded axial 171 → 66W
folds 47 → 189 (also schistosity)
(east vergence)

00534E 17464E (4)

continues west as med-grey
gr. chl. musc. schist. faint
brn layering, folded with
axial surf schistosity

↓
00862E 17660N (3)

Similar schist with folds in
gr. ch. layers 158 → 73W
folds 72 → 225 (reclined)
ax. surf is schistosity

(55)

Thin, banded gr. veins

00568E 17503N (3)

4m wide zone of thin gr. &
pelitic layers strongly folded
strongly folded extent 171 → 66W
folds 47 → 189 (also schistosity)
(east vergence)

400122 52172E1

00534E 17464E (4)

Similar schist with crenulations
folds 30 → ²⁰³182 but variable
plunge angle. SE vergence.
vertical ax. surf.

continues west as brn striped
schist with isoclinal folds and
ax. surf schistosity 162 → 60W
plunge c 20 → 193

↓
2 photos of folds about 100m west
7 (4)

00269E 17496N (5) 400157 521753 (56)

2 photos folder in gneiss rich
section - interlayered gneiss
schist and gneiss fold 24-789
axl suit 184 → 75W (schistosity)
- becomes thin gneiss/schist
and continues to large inlet

(6) 399803 521760E

99975E 17789N (side inlet)

at western contact of schistose
gneiss 171 → 70W 31 → 175

strong intersection lineation
(schistosity - bedding)

to west (in parallel contact)

is sp schist gneiss-chl - (musc?) -

probable small garnets - same

strike/slip - same Brown stripping

and thin gneiss veins. - (med-gray colour)

(7) 399823 521759E

99935E 17775N

In centre of bay Musc-bearing
gneiss with thin gneiss-musc-chl
sp schist 005 → 45W

(57)

- becomes shiny med-gray
gneiss-chl-musc schist with some
small garnets - with thin
(2-5 cm) layers gneiss - isoclinal
folds 45 → 2/3 with schistosity
axl suit.

399804 5217539

(8) 99916E 17722N

sample of fold in gneiss-sch.

(9) -

to west (in parallel contact)
is sp schist gtr-chl-(musc?)-
highly small garnets - same
strikes a/c. - same Brw striping
and thru gtr veins. - (med-grey colour)
(sample) ✓

⑦ 99935E 17775N

In centre of bay Musc-bearing
gtrite with thin gtr-musc chl
sp schist 005 → 45W

(57)
— becomes shiner med-grey
gtrite ^{biotite} musc schist with some
small garnets — with thin
(2-5 cm) layers gtrite — isoclinal
folds 45 → 2/3 with schistosity
axl surf.

⑧ 99916E 17722N

✓ sample of fold in gtr-b sch.

⑨ Fold photographed 24/2/2004
is 15m at 200. Schistosity
is axl surf in finely brw
striped schist — also even folds
13 → 2/8 (on upper west limb
of isoclinal fold) axl surface fold
stk 024 samples x 21

Crenulation folding becomes
stronger to SW on a/c along
west side peak.

Some layers with common

Small dk red garnets

(58)

⑩ 99893E 17534N 399781 5217351

Sp schist - med-dk gray as before
- with gñte beds sheet st/dp

000 \rightarrow 38W Common crenul.
folds - up to 1-2 m wavelength,
generally smaller, st verging
13 \rightarrow 201 axl surf vs E.

on return to camp

⑪ 01113E 17743N 401001 5217500

Intergrown sp schist & gñte
possibly in hinge zone of
south closing antiform
axl surf schistosity 161 \rightarrow vstr.
folds 65 \rightarrow 161. (80-85W)

mined to south (above) is
dk gray - partly b/w striped
strong minor folded gñsch
schist with schistosity ad suit
to folds - all west verging

⑫ 01496E 17578N 401384 5217395

(59)

Intergrown - striped b/w
gñ & pelitic bands strongly
minor folded (isoclinal)
axial surface (schistosity) 168 \rightarrow 80W
folds 56 \rightarrow 175

Wed 9 Feb 2005

continued return to camp site

⑬ 95 o/c above
CL.

possibly in hinge zone of
south closing antiform
ext. surf schistosity 161 \rightarrow vstp.
(80-85W)
folds 65 \rightarrow 161.

mineral to south (above) is
dk grey - partly b/w striped
strongly mineral foliated gtl chl
schist with schistosity ad suit
to folds - all west verging

(12) 01496E 17578N

(59)

Interlayered - striped b/w
gtz & pelitic bands strongly
mineral foliated (isoclinal)
axial surface (schistosity) 168 \rightarrow 80W
folds 56 \rightarrow 173

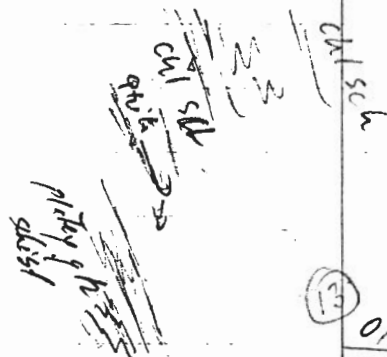
Wed 9 Feb 2005

Continued return to camp site

(11) 95 d/c above

Strongly folded - isoclinal - interlay-
ered dk green-grey gtl chl schist
& white-cream gtl-rich layer < 5cm
thick
2 photos \checkmark

10m



(13) 401398 5217271
01510E 17454N

Strongly isoclinal folded
white (to 30cm) & plagioclase gtl schist

(60)
folds 43 → 179 with strong lineation
exl suit (schistosity in fgr. units)
165 → 77W - but fans around hinge
where folds verge west

lineation plunging → 310 folded
around hinges



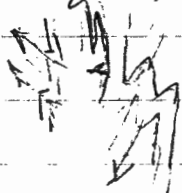
strongly folded
platy gtr schist
to east & SE

c. 30m to south (along strike)
small even folds 38 → 178 exl suit
005 → 65E

(14)

01538E 17401N 401426 521721E

Strongly folded platy gtr schist
even folds 40 → 195 (but variable
plunge angle) exl suit 018 → 75E
east verging. sheet dip c 75W



also kinks - even ore
c 50 → 289
north verging

(15)

(61)
01558E 17412N 401446 521722E

Contact between platy gtr schist
(to west) and strongly folded
bar striped gtr - brot schist - minor
folds 52 → 181 exl surface (schist-
osity) 155 → 68W Sample

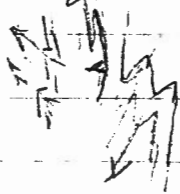
c. 10m wide

then zone of 1' or thin gtrite
a platy gtr schist - also strongly
folded - so-called - also circulation

(14)

01538E 17401N

Strongly folded platy gr schist
 even fold 40 → 195 (but variable
 plunge angle) d/cnt 018 → 75E
 east verging. sheet dip c 75W



also kinks - even core
 c 50 → 289
 north verging

(15)

01558E 17412N

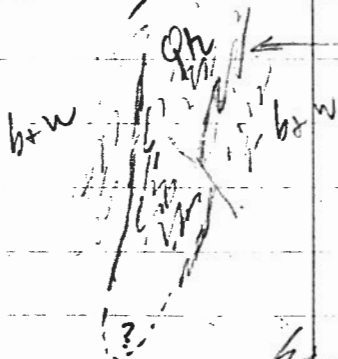
(61)

Contact between platy gr schist
 (to west) and strongly folded
 b/w striped gr - knot schist - minor
 folds 52 → 181 outcrop (schist-
 osity) 155 → 68W Sample
 c. 10m wide

then zone of 1' b'd thin grite
 a platy gr schist - also strongly
 folded - isoclinally - also crenulation
 folds 64 → 197 c. 15m wide

✓ photo looking south showing
 even fold reflecting isoclinal

at east contact with
 b/w striped unit again



contact folded and cut
 by all suit schistosity
 isoclinal

minor folds

suggest grite

zone may be

hinge of south crenulation
 uniform ??

dk pelites continue for about ⁶²50m
east - become v finely foliated dk
grey schistosity 171 → 78W

(16) 01897E 17277N 401783 5217094
Contact between pelites and
glt (to east) 005 → 60W
lineation of glt 38 → 195
isoclinal folded glt with
schistosity at surface - plunges to
SSS.

(17) 401903 5216925
02015E 17108N Beach of a river.
interlayered glt-musc schist and
thin glt beds to 5cm
sheet s/d schistosity 083-093 → 51S
isoclinal folds 47 → 200 with strong
lineation also creniforms → 128
photo isoclinal & cren folds

401723 5216787
(18) 01835E 16970N Small "island"
interlayered foliated glt and
thinly qtz schist strongly cren

(63
folded. 58 → 176-196 at surface
168 → 170W. sheet s/d c. 065 → 55
folds SW verging

(19) 01842E 16872N 401730 5216689
Large "island" X bed glt
with thin, fine granular partings
155 → 80W possible E trending
X bed. structurally over the
previous. c.d. 1. base of

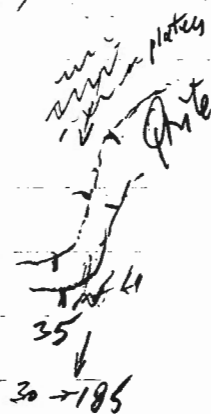
interlayered gk-musc schist and
thin gk. to beds to 5cm

sheet s/d schistosity 083-093 → 51.5
isoclinal folds 47 → 200. with strong
lineation also cren folds → 128
photo isoclinal & cren folds

⑮ 01835 E 16970 N Small "island"
interlayered platy gk. and
thinly gk. schist strongly cren

folded. 58 → 176-196 ext. surface (63)
168 → 170 W. sheet s/d c. 065 → 55
folds SW verging

⑯ 01842 E 16872 N
Large "island" X bed gk. to
with thin, lines granular partings
155 → 80 W possible E feeding an
X bed. structurally over the
prevails, strongly folded of is



401762 5216600
⑰ 01874 16783 N

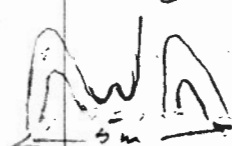
upright folds in X bed
gk. photos ✓
folds → 213 h/L
(slightly undulating)
low, variable plunge angle

limbs 035 → 90 N and
435. (upright folds

from X bed) cren line → 168
on southeast - dipping limbs



NW



SE

because platy schistose c. 20m⁽⁶⁴⁾
to south strike N-S \rightarrow SW
with isoclinal plunging steeply
S. - axial surf schistosity.

(21) 01813E 16728N 401701 5216545
Grtite - Xhd with thin i/beds -
reappears on west flank of
S plunging fold 125 \rightarrow 75 SW
(south closing)

platy grt schist again 5m
to west strongly even foliation
axial surf 173 \rightarrow vert - 78E Folds
52 \rightarrow 211 (but fanning around
hinge) SE vergence

isoclinal minor folds with axial surf
schistosity plunge steeply SW
65 \rightarrow 225.

(22) 01721E 16643N 401659 5216460
Sample from dyke in grtite
platy grt schist (10 ft $\frac{1}{4}$ - 20,
20, 5, 10 cm thick) - cuts folds⁽⁶⁵⁾
strikes N-S vs W. Sample
even folds folds 412 \rightarrow 198 upright
sheet st/dip 095 \rightarrow 625

(23) 01713E 16557N 401601 5216374
Interlayered thin grtite & grt schist
- platy unit - more common
grtite beds fold to west -
sheet st/dip 089 \rightarrow 57 S

52 → 211 (but turning around
hinge) SE vergence

isoclinal minor folds with art sch
schistosity plunge steeply SW
65 → 225

(22)

01771 E 16643 N

Sample from dyke in gtr
platy gtr schist (10' # - 20,

20, 5, 10 cm thick) - into folds ⁽⁶⁵⁾

strikes N-S vs. sample

even folds 412 → 198 upright

sheet st/dip 095 → 625

(23)

01713 E 16557 N

Interbedded thin platy & gtr schist

- platy unit - more common

gtr to bold fold to west -

sheet s/d 089 → 52 S

common minor even folds 45 → 178

art sch generally vs isoclinal

x bedding within layering

(= schistosity / bedding) isoclinal
plunge → 185

10 Feb

401981 5216446

020935 16629 N

exit from
scrub belt, SE corner Wreck Bay

(24)

02701 E 15499 N 402589 5215316

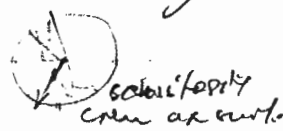
North end Tawferrer Beach

pelite
Tightly foliated gte musc schist ¹⁶⁰
strongly cren folded 59 → 179
axl surf 165 → 75W sheet s/e
c. 075 → s.s. dk grey ofc - common
vtr gte banding parallel to
schistosity possibly at
hinge of same c. clastic meso
fold

— becomes knotted gte-musc-
albite schist c 50m west

(14) 02600E 15513N 402488 5215330

med grey-silvery gte-musc-alb
knotted schist 132 → 60SW
with common vtr gte banding
cren folds 45 → 217 axl surf
158 → 58-60W folds verge east



approx E-W → S layering
continues to west — striped
brown with underlies knotted
schist (probably gte-biot-dk)

semi-pelite - psammite - Fgn (67)

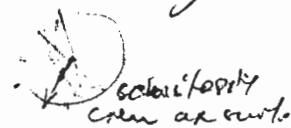
(15) 02368E 15605N 402296 5215422

light & dk grey banded psam schist
E-W → 52S — with some open
univ. folds 55 → 161 axl surf
c. 158 → vs.

402253 5215488
(16) 02365E 15671N

med-light grey to rusty brown withing
psam schist (Fgr) with gte-biot

dark grey - striated gneiss
knotted schist 132 → 60 SW
with common veins gk banding
even folds 45 → 217 at surface
158 → 58-60 W folds verge east



upper E-W → S layering
continues to west. — striped
brown unit underlies knotted
schist (probably gk-biot-dk)

semi-pelite — psammite — Fgr (67)

(15)

02368E 15605N

light & dk grey banded psam schist
E-W → 52 S — with same open
vertical folds 55 → 161 at surface
C. 158 → vs.

(16)

02365E 15671N

med-light grey to rusty brown withing
psam schist (Fgr) with gk to bed,
— but some reclined folds 42-180
at surf 118 → S //el plunge
sheet st/dip 057 → 58 S minor
fold 40 → 182 at surf. vert.
schistosity //el layering

underlain by knotted schist
110 m to north. Then brown
striped semi-pelite with
common S plunging even folds

(27) 02430E 15 797N 40231E 521568
dk bn wthy gr-musc - brot
psam - semi pelitic schist sheet
st/dip 0.050 → 535 - silvery when
fresh + large white knots
common even folds 30 → 188
upright apt suit - common gr boudins

(28) 02340E 15 830N 40222E 521547
spc psam gr-musc - alb schist
063 → 4850 Sample 1
bedding with axial surf //el
schistosity - south plunging
just to east common even
folds 30 → 176 - vert apt suit

Similar unit continues west
to headland - strike appears to
become more E-W.

Note probably have faulting
even fold axial surface

W. H. H. E.

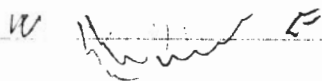
(29) 402657 5215196 (69)
02769E 15 379N Beach of
just north of mouth of Towstevick
Silvery gr-musc schist 068 → 685
common small even folds 58 → 192
also even folds

(30) 402412 5213986
02524E 14 169N
South end Towstevick Beach
Grey - silvery wthy knotted
gr-musc - (brot?) - alb schist
L

Folds 30 → 176 - vert and strike

91 miler unit continues west
to head turn - strike appears to
become more E-W.

Note probably have fanning
even fold axial surface

W  E

S

(19)

169

02769 E 15379 N Beach of
just north of mouth of Tawteer Creek
Silvery gte-musc schists 068 → 685
common small even folds 58 → 195
also even folds

(20)

02524 E 14169 N

South end Tawteer Beach
Grey - silvery w/ thin Khett
gte-musc - (brk?) - alb schist
158 → 57 W common even folds
28 → 193 all surf V.S.

(21)

402 388 52.13997

02500 E 14180 N

amphibolite

6-8 m wide in Khett alb-
musc sch. Sample 1, 10-15 m
long wrapped by schistosity
another 1 x 1.5 m pod 20 m
across strike to SW

Another pod to 1 m across
N. and 20 m across strike

(32) 024435 14186N 402331 521403 ⁷⁰
 amphib. prot 6x15m biotite irac
 plus possible small pale pink garnets?
 abundant cinn. fol. in schist
 32 → 210-195 vert axl with SE verging
 sheet strike 145 → 56SW

(33) 402151 5213144
 022635 14127N where
 coast changes to south facing
 strongly foliated gr-musc sch
 with small pale pink garnets
 strongly cinn folded 40 → 202
 axl cut 191 → c 70 W SE verging
 sheet s/dip c. 153 → 56SW
 schist is less
 albite-knotted
 Run just to east.
 ✓ 2 photos looking south



Schistose crenulated silvery schist
 continues south along coastline

(34) 024465 13910N 402334 5213727 ⁷¹
 photo knotted alb-musc schist
 sheet sk/dip 078 → 45S strongly
 cinn folded 50 → 195 axl cut vert
 176 → 68 W SE verging

(35) 02516E 13702N 402401 5213519
 Amphibolite fac in gr-musc -
 alb schist (1x3m) cren folds
 45 → 208 axl cut vert.

Schistose less
 albite-knotted
 Run just to east.
 ✓ 2 photos



Looking south

Simultaneous crenulated silvery schist
 continues south along coastline

(34)

02446E 13910N

✓ photo Knotted alb-musc schist
 sheet stk/dip 078 → 455 strongly
 well folded 50 → 195 axl surf vert
 176 → 68 W SE verging

(71)

(35)

02516E 13702N

Amphibolite facies in gk-musc -
 alb schist (1 x 3 m) cren folds
 45 → 208 axl surf vertical
 commonly small pale pink garnets
 folds ✓ photo with Katie's camera
 enveloping sheet stk/dip c 130 → S
 sample ✓

(36)

40238Z 5213417
 02499E 13600N

Knotted gk-musc alb schist
 meso folds 58 → 192 c 10 m
 wavelength axl surf v steep
 small pink garnets
 90

(32) 02360E 14192N 40248 521489 (72)

On return around coast —
striking schist with a few cm
to 5mm garnets.

(33) 02750E 15537N 402638 5215354

East side exit onto Towleren
Beach. Thinly interleaved
schist & gneiss 871 → 85E
strong lineation 50 → 178 (prob
ch/bedding like section) psuedo
glt-rins - schist with 5mm
garnets and smaller.

Feb 11

402096 5217030

(39) 02208E 17213N (exit from bush)

Small water hole in bush - 50m west
Gneiss & gneiss schist 105 → 52S

(40) 02233E 17239N 402121 5217056

Thinly interleaved gneiss (25cm)
'and gneiss schist' 068 → 68E

(73)
intersection lineation (bed - schistosity?)

54 → 225

Sk. plunging isoclinal folds
x layering just to east.

(41) 02336E 17420N 402224 5217237

Similar gneiss schist with thin gneiss
beds 040 → 90

(42) 02181E 17531N 402069 5217348

Feb 11

(39) 02208E 17213N (exit from bush)
Small water hole in bush - 50m west
of site & gtr schist 105 → 52S

(40) 02233E 17239N
Thinly interlayered gtrite (25cm)
and gtr schist 008 → 68E

(73)
intersecting lineation (bdg - schistosity?)
54 → 225

SW plunging isoclinal folds
of layering just to east.

(41) 02336E 17420N
Similar gtr schist with thin gtrite
beds 040 → 90

(42) 02181E 17531N
Thinly interlayered gtr schist - gtrite
040 → 73W in 36 → 215

(43) 02169E 17676N 402057 5217493
White-gtr sch 049 → 90^{84W} isoclinal
fold 51 → 215 ex/surf. 013 → 77W
west verging - more common
platy gtrite beds also
west verging, open folds 58 → 2142
ex/surf. 00E N-S → steep W
also folds → S ex/surf. 135 → steep S

(45) 022885 17777N 402176 521754

Qtz schist - strongly foliated
- isoclinal axial surf 118 → 455
fringe 40 → 195 upright
folds 28-215 axial surf vert.

(46) 02385E 17935N 402273 521752

Qtz schist - gneiss 033 → 83W
- form ridge & zoom lens
isoclinal 46 → 206 axial surf (rel
layering (form ridge SW
of 2 higher ridges)

(46) 02609E 18040N 402447 5217857

Qtz sch - gneiss even folds
65-18 → 201 axial surf vert.

(47) 02625E 17862N 402513 5217679

Qtz - gneiss 030 → 85W

24.4.05 Orway Coast (75)

second bay / cove west of
Castle Camp

710075E 5704401N (AGD 66)

X6d Camera/alt SCA 146 → 16 SW
to 27 in X6d current
direction c. 260°

faults 06/70 → E-W

Small amount of the above fault