III

L. OFFE

ANTARCTICA

ENDERBY LAND

1977

BMR.

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Natmap Ntk
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Thorp Ridges
Mt Bemrgan
Budd Pk
McLeod Ntks

1/2/77

Ice broken out of Amundsen Bay - clear run for ship right in.

Natmap Ntks

t of A+ (instant =3C
to-gether. S. 135 -51 =084
B- hbd- D 78 N
t of grain. phyto C° → 135 51
(mid day) = 084

(clay to t- f pig veins
up to - to run wide.
New run of grain
pull to hbg- t f grain up to
1 cm length (to fold)
Emphasis needs to be on
reading of the exposed
rock. Relict pebbled cylindrical
surfaces at top of exposure.

2 m wide layer of banded
(+ mod- pull coarse sand)
to- f granule (cream some
Variability of thickness + patchy
extends the banding and
the margins * See 4441

Grain pig dykes continue
hbd explains to 7 cm
* See 4442

15 cm layer of granite conformable under Jobs — measured ? Dip ? may be more reliable than pres measurement

Fab
S: 150-51 = 099
D: 56 N
16 ⇒ 140-51 = 089

Green truncated lichen

Since lineation (reading) is so pronounced perhaps Jobs is not reliable.

Pegs and granite

* SPCC of b-hbde grain 4443
(a-f segregation - layers & lenses up to ~ 2 cm)

Nye Mts / 1 / 1706

Mt Nils

1. Lineate trend 182° (magn mer
declin),
Coarse outcrops of b-black
q-f gneiss - Mylar
patches of red qtd q-f granite
(cut by b-q-f pegmatite veins).

Locally where foliation plane
can be discerned dip is
used to 50°

Some lenses & thin layers
of fine qtd-cancgnt b-q-f rock

2. B-bible
Peg styles
Network

Fol.
S. 242-51-191
D. 41 SE

Intruders read
first qut-biel-y-f green.
Locally grow up to 1 cm across.

*4444 SPEC red qut b-qut-q-f
*4445 SPEC -fine-red qut b-h-q-f qu
*4446 SPEC - bot rich layer (minor qut)
*4447 SPEC b-bible-q-f peg

NgMts/1/1709

Mt Christensen

1. Hbl-bt-q-f gneiss
Layers & lenses of qtz-fld up to ~ 15 mm wide

Fol
S: 263-51 = 212
D: 23 SE

Plg lin 22 ⇒ 172-51 (bt alg) = 121

* SPEC 4448

Cut by bt-q-f peg vein

Bt forms ovals about 2-3 cm long - probably what I thought was hornblende at earlier outcrops (on the pegs).

Whole of Christensen appears massive pale brown colour - prob all same hbl-bt-q-f gn.

Minor layers of semi conformable (bt-q-f granite. Slightly discordant.

4

Mt Christensen - crevasse
Mt Norvegia - ice slide

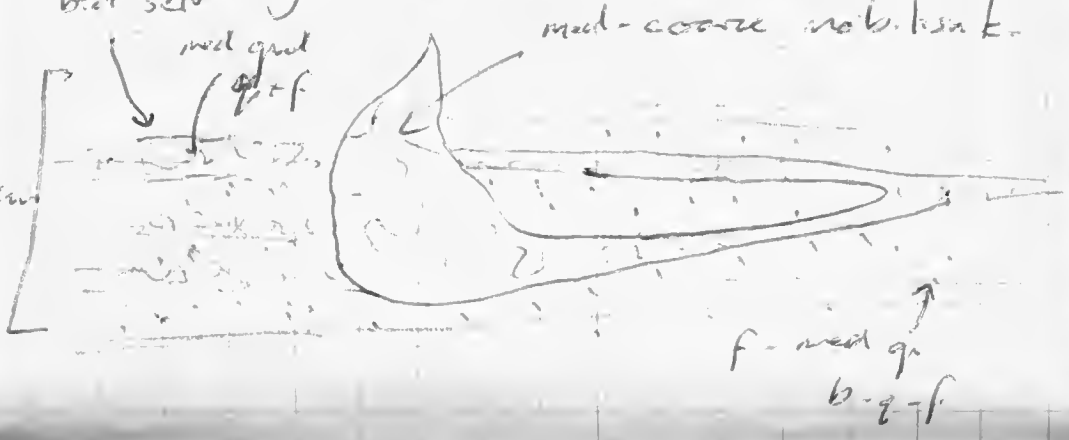
Simpson PK/1/1713

1. Mt Norvegia

Fol.
S. 155-51 = 104
D 79 NE

Fol. 25 → 155 S-51
(bid-leng.) = 099

Fine to med grnd leucogt-b.q-f gneiss intruded by red-grnd leuc b.q-f granite.
Intruded mainly parallel to fol. Contains relict pieces of country rock.
Intrusive is foliated // to country rock.



v/ligneous-textured b-q-f gn.
Coarsening of gn size — biotite selvedges at margin of coarser (med grd) layers — in parts med-coarse arcs cutting melanosome patches. Parent rock is a f-med grd b-q-f gn.

Med grd granite (minor biot) intrudes the gneissic gn. gneiss // to foliation. Includes relicts of the migm. gneiss

Mt King 2/12/77

Time 10.40

510 863.76

OHT = -14°C

Time 10.42

985 864.04

Fin film 11. - last shot (Mt Coot / Coffee Pk)

Mt Coot & Prac Js/15/2508

1. Time 11.44

985 844.68

OHT = -4°C

Time 11.47

510 843.86

Logged part ground

F.L.

S: 335-53=282

D: 19.5

* SPOC 4449

(dark)

& med to coarse
quiet pebble-free
lenticular
also bit pebble-free gneiss
& bit pebble-free gneiss
* (S.P.C 445 c)
Dense natural pebble-gravel
& other natural peg bearing

Jenday
S 300-53
D rest =247

Mt Coot-tha Proc Is 16/2620

1. Homogeneous brown rock - no layering. Same rock type as Armstrong Pk most probably.

Time: 12-21
985. 884-99

Time: 12-23
510 884 15

OAT = -8°C

Ptg
D: 240-53 = 187

Granite
- fold lathe
to ~ 3 cm length
F. 75ii

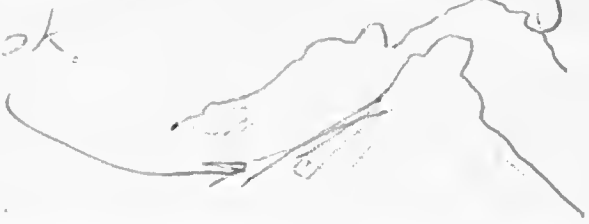
7

(Coarse grained granite - q-f
+ biot & hyp (minor)

sec. metadet by Pine).
6574

- Feld clasts appear to show
~~the~~ coarse fabric of grading

Outcrop to E has standing
slab to pk.



Granite.

Similarly Armstrong Peak.

Pt to NW - brown massive
granite (from air)

Mt Cod & Proc Is / 15 / 2501

1. Grey massive outcrop.

Time : 12.34
510 : 888.25 OAT = -8 °C

Time = 12 55
905 888.17

- increasing amount of
- generally due to clasts
- amount of
mafic minerals - attributed to
clast amount:
Identical
Comp of fold lathes to 12cm
- fresh/weathered grey with speckled
white mm / Mafic clots
Dist (partly altered to clast?)
- More mafic material than at
drive location
(Sampled by D-E 11:3 - 4575)

∞

Bright orange / Yellow

Also appears to be parasitic
Preserved with / Wash
cloth are matted to the
felt bath - prob given appearance
- some of 3D structure -
- prob just off texture -

Xenolith - thin sheets up
to ~ 1 m length of fine to med-
grained mafic / ultramafic
- // to felt bath contact in
the ground? - appears so in
which case bath overlies
shallow dip to north
(thinning ↓)

Mt Cod & Prots / 14/2446

Coffee Rock

Time: 1400 — Reading at
510 : 861.08 — tail of antcup)
AHT = -8°C

Time 14 02
985 : 861.18

Gut - px - q - f
qtzite.
- knives of
blue - purple
qtz
Matrix layer
- px - plag granule

Fish
S: 160 - 53 = 107
P: 26 SW
Fish: 25 → 257 - 53
(min along) = 204

Large Fish 1 m long w/ hull
S: 235 - 53 = 182
P: 80 SE

Decadent q - f peg vein

* Sec 4451 - Biot-appx. plan)
layer

* 52 - f-plag granulit

* 53 - med-grd pg-f
lam layer

* 54 - grf-f-mica pg
layer (up to 7cm
(2.8cm)) grey translucent
(carbonate

* 55 - speckled/lam
pg (calc.) g-f
grain

Top of peak - Med. grd orange
f-g-f lam dark green
Conformable with mafic layers
which dip almost vertically

At. tail dip shallow.
Lens. grens appears to be
partly intrusive.

Mt Cod & Proc Is / 12 / 2322

1. Time 16-24 1'
185 863.06

Time 16.26 OAT = -6°C
510 662:83

Lava rock grid - grit bed - a few rocks containing xenoliths
2 layers of px-plag granulite
- also bed rock

* Spec 6456 grit b-g-f px

Mt Cod & Proctor / 13/2259

Thorp Ridge

Time. 17.06
925 841.22

OAT = -8°C

Time. 17.58
910 841 01

Foth
S 235-53 = 182
P 30 W
Mg L: 05 ⇒ 263-53: 210
(mini clays)

Bright grey & slightly
coarser grid b of grey

* SREC 457
* 451.

Some fold crags to 2cm

11

Mt King

Time 18.00 OAT = -8°C
985 863.45

Time: 18.01
510 863.20

Eastern Thala Hills 9/2/77.

Conformable layers of migmatitic biot (hbl bt) - q - f gneiss.
Foliation almost destroyed.

* SPEC 459 - similar in appearance & composition to Mt Fish Christensen
S: 346-50-296
D: 76NE

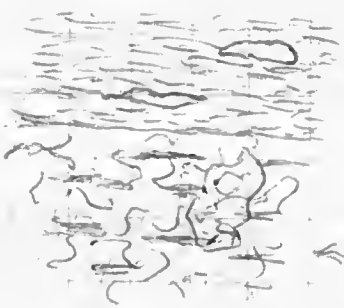
Cross cutting
pegs dykes
(b-q-f - minor grt).
Bright orange lichen

- Also layers of fine to med. grd hbl? - b q-f gneiss. Some folded amongst to ~3 cm

* SPEC 460

- Also amphibolite layer.
* SPEC 461.
- Main foulting.

Some crosscutting mobilisate in places. Cut by peg dykes



Promontory east of Wattle Is

Fol

Ps - play gremble S: 338-30-288
P. 63 NE

5th side of antrop. Fol

— ( ) range grt - q - f - S: 345-50-295
gneiss D: 76 NE
(grt - musc)
, Mica px - grt - q - f gneiss

Mica honeycomb weathering

- Snow petrel chicks in rocks

McKinnon Island.
(entrance Shaw Is.)

Biot-qmt-q-f gneiss &
leucocratic orange q-f
rock containing xenoliths
of mafic gneiss.

Fol:
S. 210-50=160
D. 53E

Isoclinal folds with the
mobilizate)
Fly folds. 34 → 070 =50= 020

* Spec 462 - biot-plag-px mafic
xenoliths
* 463 - (biot)-q-f leuc
mobilisate
* 464 biot-qmt-q-f
layer.

M/2172

M/2175

M/2170

Sequence of layered bt-gnd grain
chl-ep-plag gneiss layers
of completely mobilised rock
containing tremolite and
disrupted layers of mafic
gneiss. Mafic layers & leuco
commonly folded on macroscopic
scale. The mobilisate does
not appear to be crosscutting
in respect to adjoining layers
(only affected layer in its
own vicinity)
One late granite vein seen
which cuts fols & mobilisate.

Mt King 5/2/77

Time 11.25
SIC 863 45

OAT = -17 °C

Time 11.26
985 863 50

Simpson Pk/15/0670

Time 13.17 OAT = -11°C
SIC 826.91

Time 13.20
985 827.01

Yarram Yarram F.h
from air S 315-52 = 263
P 40 N

Planted pasture / grass & pasture grassland
Yarram Yarram Fh
from air S 325-52 = 273
P 33 N

Outcrop grey. Some small pinnacle bosses.

Simpson PK/16/0803

1.

Time 13 59
985. 836.94 OAT = -12 °C

Time 13 57
510: 836.85

Ft
F- v-f (grey) S 320-52=268
gneiss & D 70 N
porphyry granite.

Slightly discordant fault zone - 1 m wide - blocks of country rock via veinlets of black pseudotachylite. Dip & strike of country rock appears to be concordant.
Other crosscutting hyf - 2 of mobilisate

Simpsom Pk/15/0681

3 Mt Alekseyev

Time: 14.38
510: 239.70

OAT = -10°C

Time 14.40
985: 839.75

Fol
Parplay: pramitic S 226-52=234
& graphitic D 35 Nm

Fol
Hyaloclastite S 300-52=228
breccia D 28 Nm
- subparallel/fig ln: 18 → 080-52
to fold. (shiloky pr. fold =028
elongn)

Locally hyp-y-t mineralis.
Mineralisation - crosscuts fol.

* Specific - pr. t fol^n.

17

- Hong rubbly ridge
- country rock & many dykes (spread of late calc. dril by D. Ellis) deformed by fault zone trending 290 above (difficult to define - this appears to be the result of the shearing)

Pty
S: 300-52 = 256
D 85N

* Spec 467 - details on.

Simpson Pk/14/0638.

1. Time: 15 49
785: 846.21

Time 15 51
510: 846.05

- reading at NW end of pt 1 below pk.
OAT = -6°C

Peak.

F.L.
S 290-52 = 238
D: 21 N

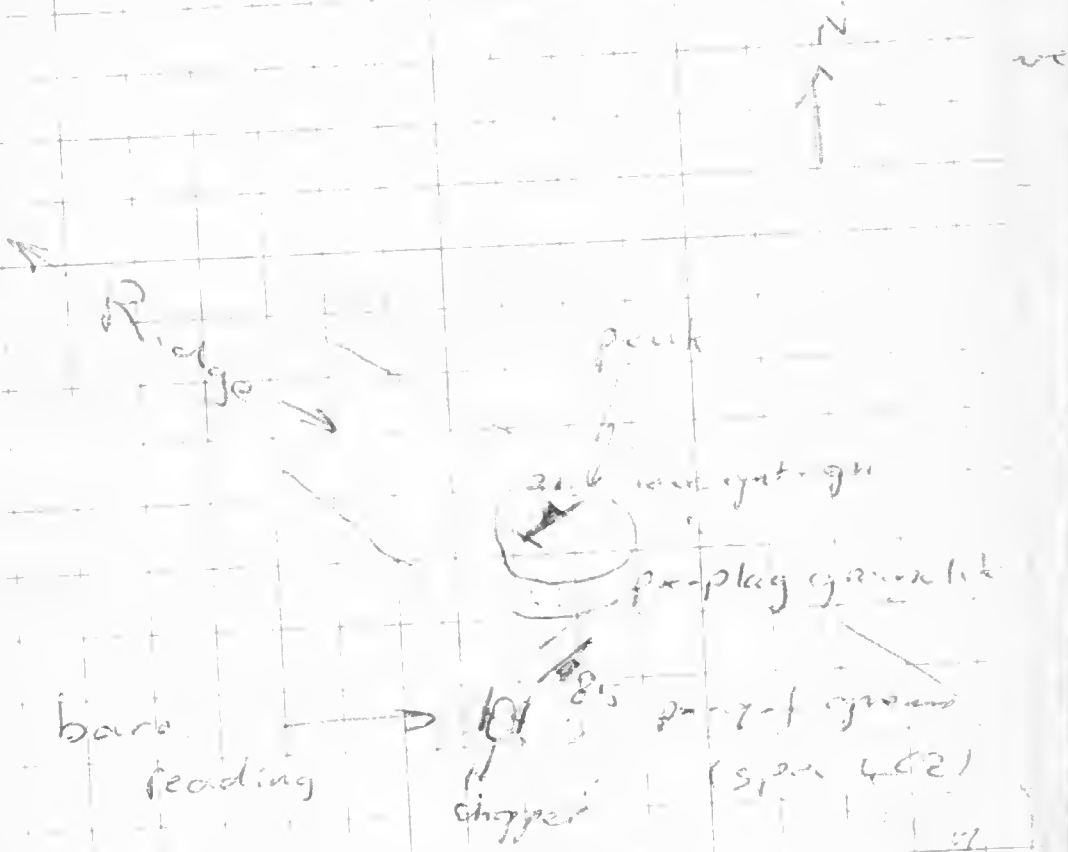
- Massive white qtz + red spots
- 1-2 grains / feld in crevasse
qtz + int clots epidotism.

Interlayer of pa-plag granite, biot-pa-plag granite, qtz-biot-felsic grain, pa-qtz-y-f grain — thin white layer about 1m thick.

Bi-lined peak S^{Ptg} 295-52=243
D. 255

pa-plag granite
& then below the
brown pa-y-f grain
* DPE 468
- Jointed (axial plane fracture??)

- in the brn qtz grain - locally layers of qtz pretzel (plank-net layers) and aggregate recrystn's etc??



Appearance of light folded quartz
the [illegible] garnet grains — defined
by folded trails of garnet.

7. Lower peak (good boulder rolling spot)

Brown pt. of green
- Mennie

S 222 - 52 = 170
D 87 NW

To SW - layered
gut of green,
bit pt of
green

FL
S 225 - 52 = 173
D 26 E

Plg L: 20 → 102 - 52
min elong) = 050

Bio pt of gn

FL
S 184 - 52 = 132
D 22 E

Plg L: 15 → 100 - 52
(min elong) = 048

Cnt of gn.

S 260 - 52 = 228
D 82 N

Plg L: 25 → 102 - 52
= 056

Eastern end of ridge
pt @ general steep fol. → S. 200-52 = 228
D 275

* SPEC 469
- phlog-felds gneiss — part of granite layer
- minor metachert strg.

This ridge consists of an antiform plunging moderately NE. Mesoscopic folds - an anticline - this is what was measured above - all in one domain ... indicates same plunge direction
The large apparent thickness of the felsic-gneissic granite layer is caused by the crumpling on the nose of the antiform.

Mt King

Time: 19.24
510 : 864·04

OAT = −9 °C

Time: 19.23
985. 864·40

Simpson Pk/11/1102 6/2/77.

1. Layered pr-plag granulite & pr-q-f gneiss.

Foh.
S: 331-52=279
P. 305
Plag L: 24 ⇒ 272-52=220
(stubby min elong)

Slightly sheared margin — mesos of granular Trend. 279-52=227
phlog-light pr-plag granulite.
The trend of the contact of this rock type against the layered rock is shown

20

Fault

This vein of black fluvity fault rock adjacent fault - truncates some pyroxenite rock within the main phlog-px-plag rock

Fault
S 245-52-193
D. 30 W

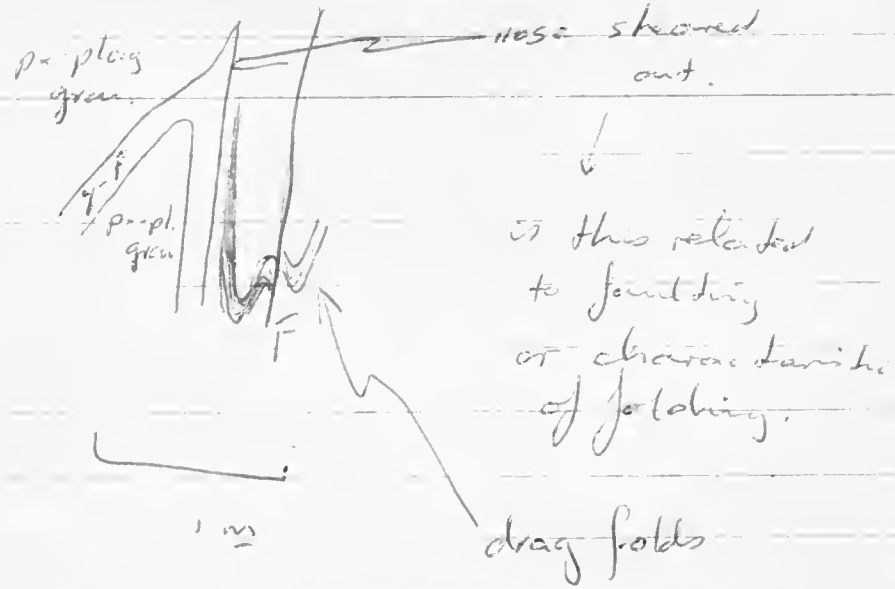
The lens rock type is also interlayered with the more melanocratic layers (first impression wrong). The pinches are partly boudinaged & lenses out within this px type rock. within the lens rock - defined by thin px-plag granulite layers & quartz strings

* SPEC 470 phlog-px-plag granulite
* 471 quartz-px-plag granul

Fault
S 260-52=208
D. 49 N

A fault green is mylonized & coarse typ of vein infill fault

Within fault zone ½ m layer of med-grd dense pyrite-bearing qtz - deformed dyke? - sheared out pyrite layer. * SPEC 472



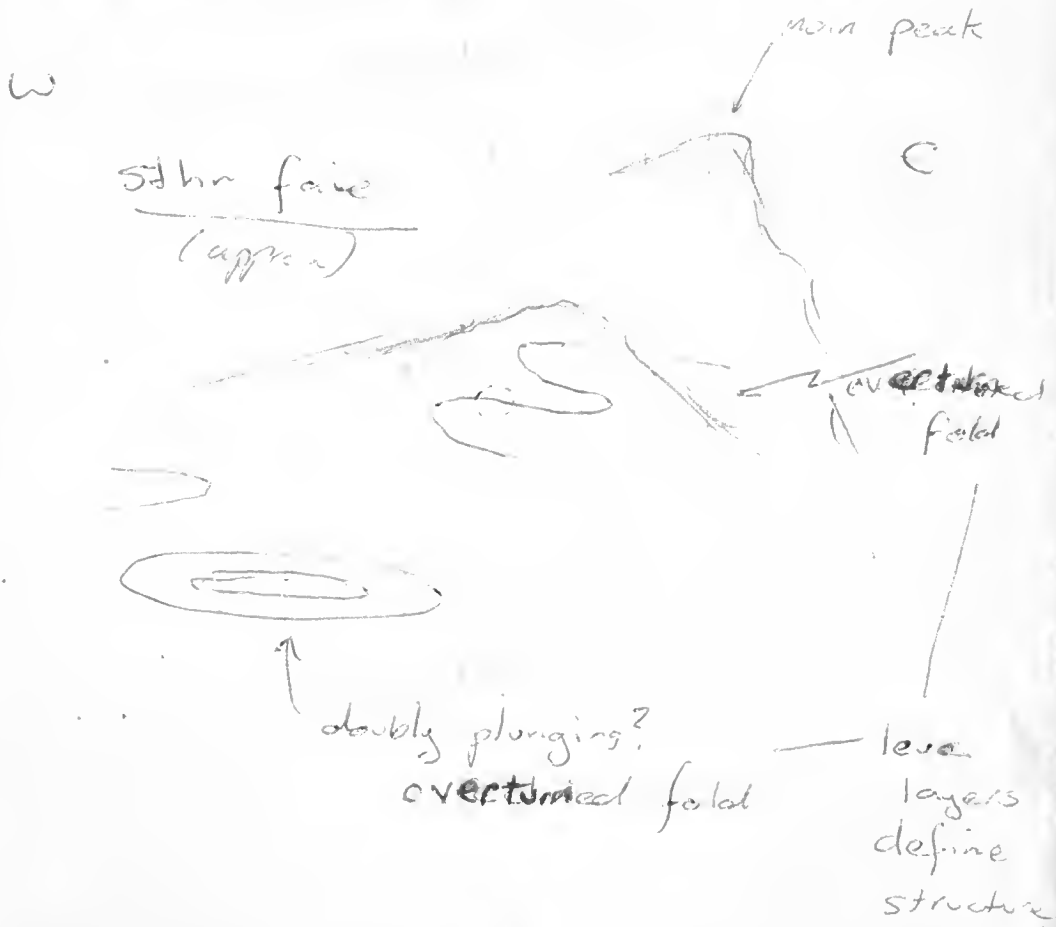
Layers gently warped - some mesoscopic tight folds but may be related to these sharp fault planes which cut the area.

About 1 m layer of grt-q-f, grt-p-q-f & grt-sapph-px-q-f gneiss

* SPEC 473 - gnt-sapph-px-q-f
grn

Simpson Pk/14/0630

1. Reference Pk.



1.

px-play granulite

Feb
S: 345 - 52 = 293
D 82 L

~40 cm wide
layer of q-f-gn
(contains some px stringers, prismatic
opx-quartz like mm & plag pat)

* SPC 474

Then a 60 cm wide px-plag granulite
layer.

Main
lens layer

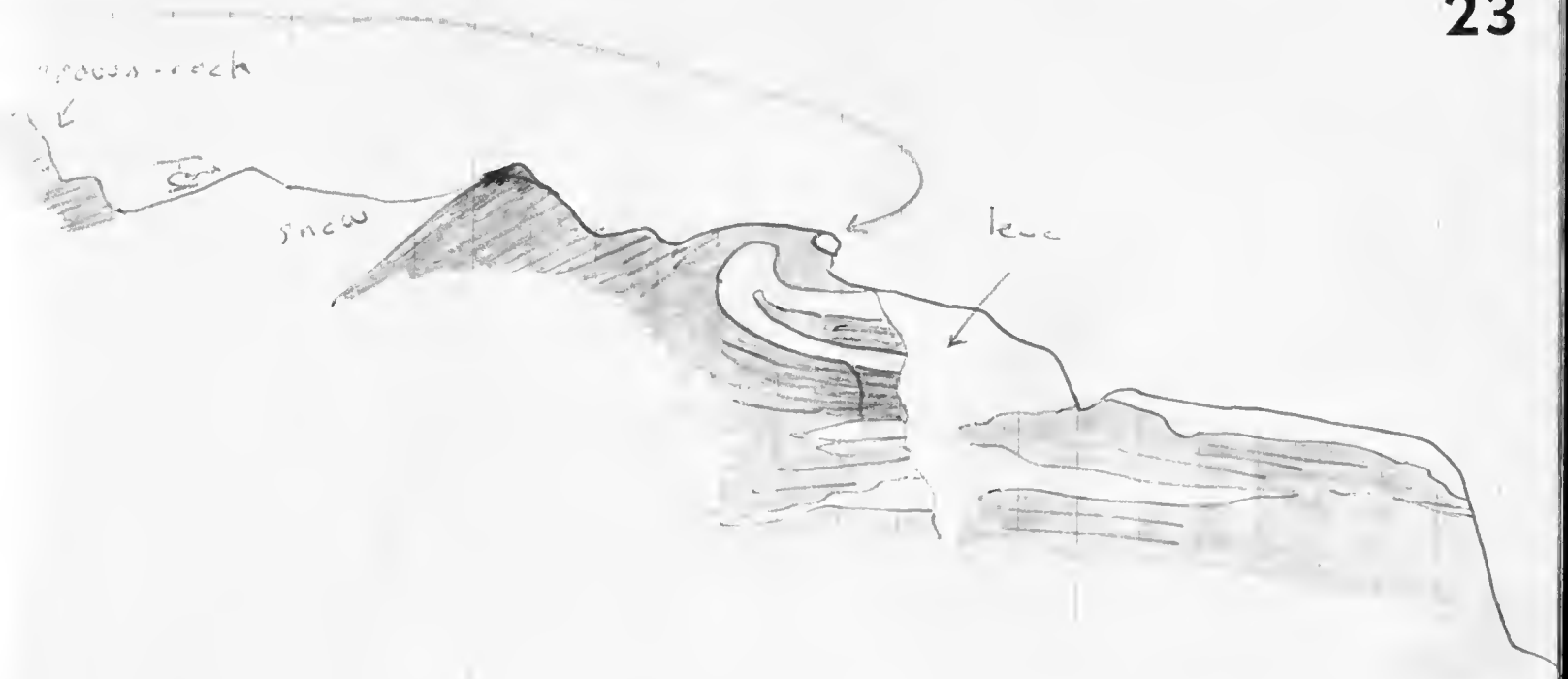
S: 340 - 52 = 288
D 07 S
Phy L: 03 → 171 - 52
(prismatic mm elongate) = 119

Feb
Major layer S. 154 - 52 = 102
D 16 N


S
N
NE
NW face

NE (magnetic)

SW



SE face.

Px-y f gneiss Phyllite: 0 → 338-52=286

& just = along

Px-phyl:

granulite — foliated but more
consists of rotated pieces
of rock — lineation is prominent
& quartz bearing gneisses.

Fine molecule string

* SRC 475 Phlog-px-phyl granulite

* 476 px-q-f gneiss

* 477 qmt-px-q-f gneiss

Simpson Pk/15/0688

Mt Weller

1.

Brown px-qnt-q-f gneiss cored

Fol: S: 278-52=226 D 42N

Plg Ln: 35 → 349-52=297 (px elong:)

hyp-q-f gneiss (close jointing) S 196-52=144 D 82NE

In places close jointing very intense — however apparently varies somewhat in strike direction.

(close J. unity (more common orients) S: 145-52:093 D Vert

Lineation also defined by qnt elong: in the quartz bearing gneiss

Also grey qnt-q-f gneiss and px-plag granulite. Compositional Layering not strongly pronounced.

Dimpson Pk / 16/0780
Beare Island

5. Grey qmt-q-f gneiss

S 295-52 = 243
D: 705

? Mylo 23 → 282 - 52 = 230
(qmt veins)

Fol
S: 279 - 52 = 227
D: 695

Fol
S 304 - 52 = 252
D: 70N

Core of fold - med-grnd qmt q f gneiss (orange felsl)

* SPCC 478

Fol
S: 285 - 52 = 233
D: vert

Fol
S 255 - 52 = 203
D: 45SE

74
21
45
20
69
70

Large of-grat-g
- magredisk.

Large
S 230-52:178
P. 215 E

Large
S: 290-52=238
P. 74 S

From quick look at structure
indicates this needs more than
½ hr. Opposite source of plage - pec. folded line
Grat-sapph-g-f. SPEC 4480 *

W+ King 7/2/77

Tin : 10.45
Sio : 865.25

Time : 10.47
Sio 865.50

Air T: −15°C

Fig 13 grec... last ½ night ... ½ ... 29½ ...

Simpson Pk / 4 / 1509

10 km E of Remidan Is

1. Time: 12 36

510 . 996 95

DIT = +2 °C

Time: 12 37

985 . 99707

(base of "island")

Northern end of island (gnt) - 2px - Plag granulite. Cut by pegmatite veins up to ~ 30 cm across

Trend of gnt. b. pegs is 335 - 51 = 284

Layering

S. 330 - 51 = 279

D 49 N

About [redacted] m wide layer of px - mag - quartz rock

(SPEC [redacted] collected by D Ellis)

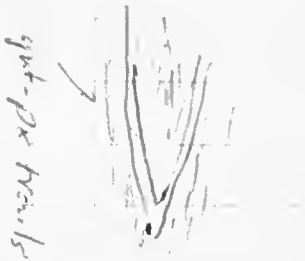
* SPEC 481 - (gnt) - 2px - plag granulite

Layers of gnt - px - i f gneiss

Lenses of coarse - grained gnt - px rock with thin px - mag - q rocks.

(SPEC by D Ellis)

Locally felsic layers within the gnt-px-q-f gneiss appear to delineate tight folds.



Sthn half of hill
more leuc rocks
- grey/orange layers

- gnt-px-q-f gneiss with patches of coarse grid gnt-q-f mobilisate

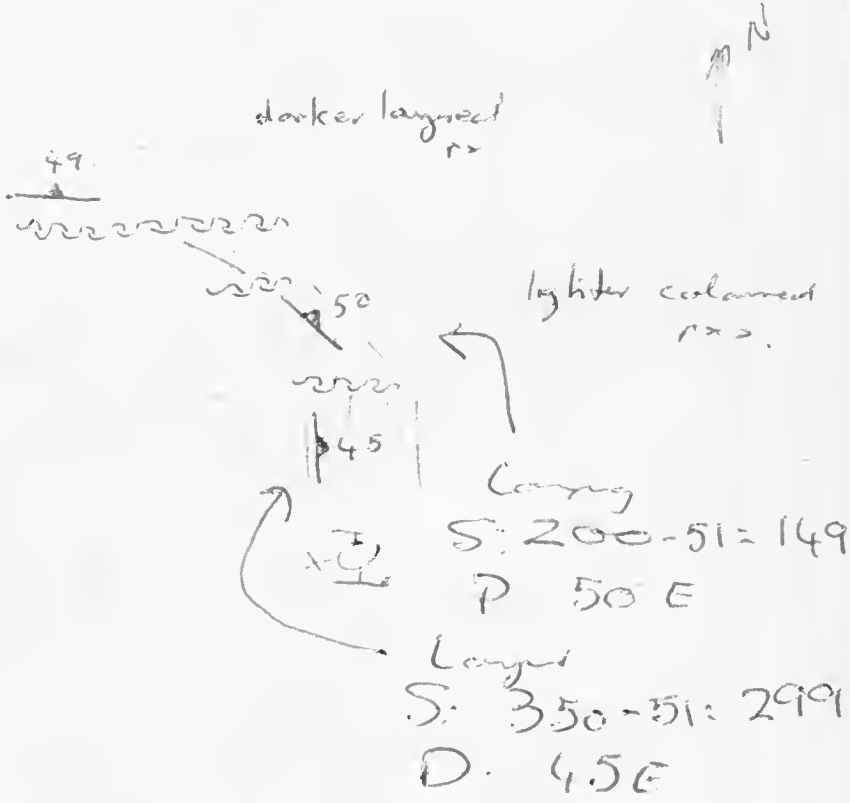
Thin grey mafic dyke trend 293
- possibly fault rocks?
(looks quartzose). C.1 by c slightly displaced by the pegmatites.
* SPEC 482

Biot-gnt-q-f gneiss
- gnt → biot Gnt. ~~poik~~ porph.
* SPEC 483.

~30cm wide zone of mylonitised gneiss between the darker rocks to the nth. of the island & the lighter coloured rks to the south.

mylonitised gn.
S: 335-51: 284
D: 61N

The pegmatites appear to be cut by the fault & and are partially displaced.



Lighter coloured rocks consists of px-plag granular, gnt ± f gr (± biot) gnt-px-g-f gneiss & px rocks.

- Some parts of coarse-grid dark px rocks layers consist of pale brown px ± fine-grid interstitial green diopside.

* SPC 484

Island just to NW - trend of layers NNE

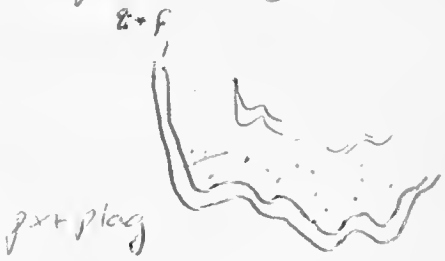
N

Simpson Pk /4/ 1506

4 km SW of Hydrographe Is

3. f.g. - plag granulite & px-q-f gneiss

Mesoscopic folds defined by q-f layers.



General fold trend

S 300-51=249
D 75 N

Also qmt (pink) px-q-f qm.

Black layer of felsic-qmt-px gneiss ~ 1m wide

* SPEC 485

Cm-q-f-px gneiss ± biot and px-qmt-q-f gneiss. Qmt bright pink in colour & forms aggregates commonly up to 2cm long. Locally brown px to 2cm.

* SPEC 486

1/2 m wide fault zone trending 190°-51 = 139 angular cobbles (stream) of country rock in fine-grained grey sheared matrix.

Ply fold.. 34 → 353-51 = 302

'S' folded grey f.-g. gneiss.

Other mesoscopic folds mentioned earlier have appeared to be S-fold as well.

Boulders of gnt-hbl granite - f.-g. gneiss - also brown-grey coarse grained granite (must be fairly local).

Qtz veins trending 225°-51=174 (~ 10 cm wide)

Some more leuc layers contain xenoliths of mafic gneiss
Sequence is layered, tightly folded with some local intrusion by the more leuc layers.

3 km N of Hydrographer Pk

4. Px-plag granulite
- some stringers of qtz

Layering
S: 298-51=247
D: 65 N

3 m leuc layer consisting of b-grt-q-f & px-grt-q-f

* SPEC 487

~2 m of grey grt-px gneiss
Layers truncated by fault zone trending 354° - 51 = 303

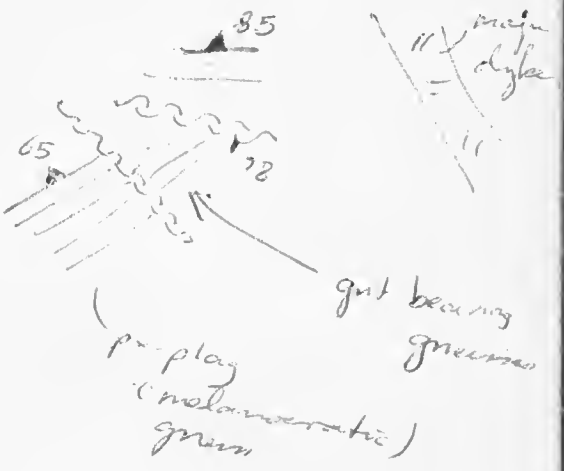
Another shear zone - well parted grt-px-q-f mylonitized gneiss

Shearing
S: 338-51=287
D: 78 SW

* SPEC 488

*MBRRM89

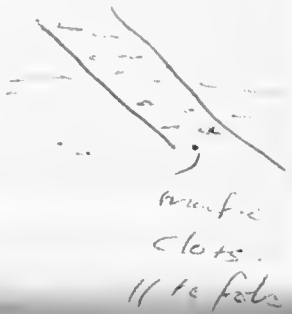
Zone may be ~20 m wide
(in rubble)



Some thin granite & pinkish
orange b.g-f aplite veins

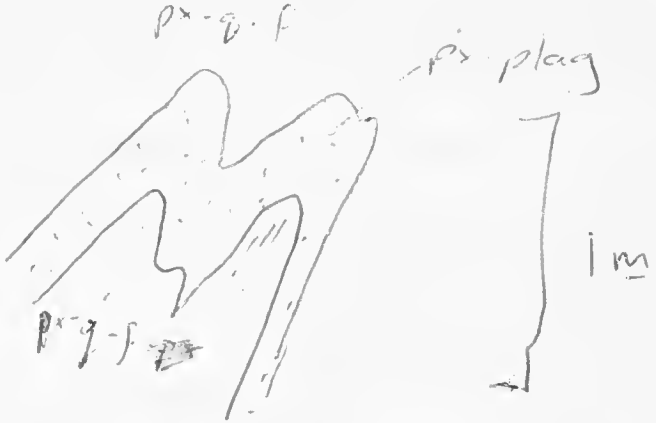
F.g-f gneiss

Med-grd granite vein (5 cm)
truncating foliation but including
mafic strings which // foliation
(⇒ earlier than fol).



Nth side of island fold → bearing
S: 316-51=265
P: 85 NE

Mesoscopic fold.



Ps fold 15 -> 320-51
(estimated) = 269

(axial plane steep dip to NE & strike // to foliation as measured top of this page)

~~Fold axis expression - fault to face~~

Mafic dyke on NE side of island trending NW (see D Ellis spec)

Nth side of island (from air) - well-exposed pink (orange) aplite dykes - crosscutting.

Simpson Pk/5/1435

Gneiss of Mt Ashmore

- Leuc layer of b-gnt. gneiss (grey) - biot secondary

* SPEC 489

Mafic layer - folded

- foliation in grains appears to be axial plane to these folds.

The leuc layers may also be partly intrusive.

More time needed.

Mt King

Time : 19.18
985 : 867.03

OAT = -9°C

Time 19 20
510 . 866.68

Mt King 3/2/77

Time : 10.27
985 . 868.05

OAT = -13°C

Time 10.29
510 . 867.94

Mt Cook & Pre I3/13/2259
Thorp Ridges

2. Time : 11.11 (Top of highest ridge)
510 : 823.74 OAT =
Time : 11 13 -8°C
985 . 823.89

Med to coarse-grained hypo-gmt
-f- f grnd. Black hyp
cgl to 3 cm max

* 31'cc 4-90

Overlain by f-f grnd. Pebbly
with clasts of biotite?

* 30'cc 6 91

unconformable above
Edge of cliff - possibly underlain
by biot? - gmt. g-f grnd
(light reddish grey)

* 31'cc 6 92

Longing
S. 254-51=203
P. 27 NW

on slope account for 240 - 51 = 189

bedding => D. 30 NW

measurement

appears to be tight folds (recumbent)
- axial planes ~ // to bedding
- most folds of this type seen on scree (one seen in outcrop)
Lineation difficult to measure in most fold cases — some scree blocks — lineation defined by trails of dark minerals (biotite?)

On dip slope — mafic dykes (D. Ellis for sample) — appear to follow strike but may not be same dip — from air — obviously cross-cutting

Mt Cod & Proc. Is / 13 / 2257

5th Thorp Ridge

laying

1. Light layers towards the base of the Spire consist of px-g-f granules & brown biot-px-g-f gneiss.

S. 290-51 = 239
D.. 20 N
Pkg ha: 16 → 043-51 = 352
(difficult to define - may be much closer).

Thin layers of px-plag granulite & brown biot-px-g-f gneiss.

The brown Marine looking layers (from car) consist of px-plag granulite, px-g-f gneiss & biot-gnt-g-f gneiss

* SPC 493

Same general relations of hyp-g-f & gnt-g-f.

W of Cod & Hoc Is / 12 / 2330

Mt Berrigan

Sth side - massive brown rocks with interlayered dark rocks. Cut by mafic dykes.

Nth side - possibly one of these dark layers folded.

Dark layers - 20 m wide consisting of biot-px gneiss

* SPEC 494

also px-q-f gneiss & px-plag granulite Some malachite staining - also limonite. Slightly discordant layer of hyp-q-f pegs

Layer of gnt-hyp-q-f gneiss

Qtz veins // foliation – some crossing

Fol.
S: 254-51 = 203
D: 80 NW

Phyllq. (qtz stringers) 31-074-51 = 023

* SPC 495 – for TS

hyp peg layer is about ½ m wide)

Many brown layers: consist of med-grd-hyp-q-f grains

Fol. in brown grains – can't distinguish lineation.

Fol.
S: 268-51 = 217
D: 70 NW

Major dyke ~ 15 m wide cuts brown unit (see D Ellis for spec).

2 Build Peak

Marine brown metasp. Some dark layers - foliated. Pontlo mafic dyke.

1 m layer of pale brown p.x-plag granulite - some biotite present.

Main rock type = brown

Marine

~~hp~~-q-f gneiss
(med-grid - inter typ)
(spec collected by D Ellis for J.S)

Layers s/fol
S: 240-51=189
D: 79 NW

From the pt mafic dyke cut Paragon clipping ~60 to NE.

Some veins of q-f pegmatite.

Didn't examine mafic dyke - fairly certain that it is

McL Nths / 13 / 2409

9 McLeod Nths.

The synform seen last year at southern end of this nth is a synform.

On saddle.

Time 1514 OAT −12 °C
510 : 839 56.

Time 15.16
985. 839 76

Px-play granulite - containing layers of strongly dipping px-bict layer. Some crosscutting hyp-q-f pegs.

.. Hbs px-q-f layers ; also according to Drewe Px-q-f (McL-q-f rocks)

Tight fold obliterated by
mafic layer are the two pink
layers one + the same? Rubbly
exposure + lack of foliation

Eastern most ridge in McL Ntks

Top of ridge (nth end)

Time 15.59
SIC: 845.17

OAT = -8 °C

Time: 1600
985: 845 49

Pegmatite (q - pink & white
fold - biot & locally prismatic
grains of light translucent black
non metallic mineral)
- also magnetite present.

1) ★ SPEC 4-96 Fdn
Reg intrudes 332 - 51 = 281
country rx
& mafic layer 1) 41 SW
★ - meta intrusive? - SPEC 4-97

Country rock - brown bt-q-f gn
? px-q-f gn. ? Ellis for spec

McL Nths / 13 / 2409
Mcleod Nths

10.

Grey-brown
px-q-f
gneiss
* SPEC 498

Fol.
S. 255 - 51 = 204
D. 17 N W
∴ 320 - 51
= 269

Also biot present Layer of
px-plag granulite (minor qtz)

Some hyp-q-f mobilisate.
Folding - difficult to measure.
(lack of enthusiasm!)

NB Main mth
- couldn't land do. measure
other (mth-) limb of fold but
dipping mod - steeply SSW.

Mt King

OAT. −7 °C

Time : 17.33
510 : 867.35

Time - 17 34
985 867.65

Apparent snow drift

220

310

270

N

(½ way entre Barkel & Fyfe Hills)

040 T

080