824132 Richter Testalinden

Aug 3/1990 Sunny + hot

- Reanalysis of north-western corner of Testalmdengrid & Rod Young
- beginning at L10N, 10W at 1430m

Δ 10W, 10+20N

- extremely silicified gabbro??
- Sample #RG 324
- jointing 206/46

Δ 9+15W, 10+20N

- Strongly foliated, crenulated calcareous phyllite
- $\overline{S_{n+1}}$ = 120/60
- crenulation lineation 30°→190
- joints 200/80
  020/80
  200/vert

Δ 8+90W, 10N

$\overline{S_{n+1}}$ 095/38

34°→210 C_{n+1}

late shear (micro)

118/88 offsetting crenulations (right lateral) ↑ right side thrust up on Fau. (thrust)

@ 750W, 10N

* DCTL4 001
- possibly silicified dyke ± 20cm wide
- 178/80
- cut along crenulation cleavage @ orientation
- ± 1% weathered Pyb
- aphanitic lt grey groundmass < 5% comm plag (:)
- 1% fg diss Py -

L9N 9T5W

QUNS to 15cm
340/vert OCTLG003
254/70 OCTLG002
QUNS

OCTLG004
QUN 3 8cm wide for
1m
270/40

Aug 10/90 Overcast

Test all under grid

1:1000 remapping with Rod

LINE 10+00N

℄, 10N, 10W

△ 10W, 10+25N

- meta chert, meta quartzite
- siliceous
- localized gossanous zone, to 10cm

J1 360/86E

J2 320/66E

- old sample 12 & 324

△ 9+90N, 9+25W

- calcareous phyllite

In+2 118/52

- green very fine grained

In+1 098/58

- chloritic

△ 10N, 9+25W

- massive, quartz stockwork siliceous, silicified quartzite.

-080/64

- also foliated & graphitic interfolial sometimes anastomosing, too phyllitic domains

⊭ 080/64

A 9+00W, 10+30N
- well foliated dark grey, green fine grained phyllite
- some carb veining

Polar

A 9+00W, 10+50N
- strongly foliated (continuous, penetrative)
- chloritic phyllite
F_{n+2} 120/54
J1 010/74

△ 8+75W, 10+50N
- light grey green phyllite/schist
- well developed schistosity
↗ Sn+1 = 080/40
cut by cleavage planes
↗ Sn+2 = 122/32
both cut by crenulation cleavage (zonal)
108/96.

△ 8+75, 10+00N
- fine grained, foliated non calcareous but containing veins, veins of calcite
- light grey green

↳ 160/50
↳ 124/50 Sn+2 ?

A 8+60 W, 10+10 N
- massive unfoliated extremely siliceous jointed
- hard
- any foliation has been overprinted by silica
- fairly white/cream

J1 212/65
218/70

→ DIP
TREND
FILE
REF

A 8+05 W, 9+85 N
OCTLL002
- gossanous zone exposed 4m x 2m in a roughly 010/190 direction
- very similar to albite zone
- stockwork fractured, bleached
- some hematitic veins and quartz veins
- trace sulphides (arsenic?), in contact with massive quartzite/metachert

190/c2

⚠ 8+03W 9+87N

- massive, almost pure extremely siliceous, silicified (stockwork qtz)
- white to grey
- J1 200/60
  J2 180/70
- in contact with phyllitic quartzite
- contact parallels foliation at 190/62
- lenticular ~~QF domains~~ ~~& orientation~~ of QF domains in phyllitic matrix
- 170/50

⚠ 7+60W 10-100N

- lt grey green fine grained weakly calcareous phyllite
- weak crenulation

Sn+1 160/54
J1 230/50
Sn+2 130/40

ATTOW, 10+00N
-XBCTFLL003 ✱
- massive, leucocratic
light grey green, pyroxene
phyric (augite) ~~aphanitic~~
to ~~phaneritic~~ medium grained
- weakly calcareous,
weakly magnetic
- tr fuchsite, tr Pyrite.
A T/L 550. 9+87N
- calcareous phyllite

A T/L 530 9+50N
- massive stockwork
fractured dark grey
to bluish grey chert
J1 = 284/vert
J2 = 008/vert

Aug 11, 1990 Cloudy
Testcylinder Grid
- Albite Zone mapping

New L9+00W (corrected)

A 10+00W, 9+00N
OCTLT004
- Float
- 10cm wide qvn
- alb, ser
- gossanous
- ty py

A 9+00N, 9+85W
* OCTLT005 *
- strongly albitized rock
- high fracture density
- weak fabric 020/vert
- gossanous
- could be altered quartzite.
- also qvn (5cm) @ 048/vert

Δ 9+05N, 9+25W

OCTL0006

J1 = 190/60

J2 - 212/54

- massive, albitized, very similar to gossan albite zone @ 950-925 however not as gossanous
- stockwork fractures with quartz and chlorite veinlets.
- dendritic Mn staining along fracture surfaces.

Δ 9+10N, 8+50W

- massive stockwork fractured quartz veined, siliceous (silicified) quartzite.
- high fracture/vein density

J1 = ~~20~~ 02/vert.

△ 8+30 9+00N
- massive quartzite
△ 8+30 9+05N
- phyllitic quartzite

↕ 332/Vert
- - axial planar cleavage
- grey chloritic, graphitic foliae
- well folded m @ F domains

~~△ 8+00~~

△ 8+12W, 9+00N
- #OCTLT007*
- gossanous zone 1/2m x 1/2m in silicious phyllite/foliated quartzite.

△ 9+25N, 6+50W OCT 2008
- massive jointed, weakly
foliated, light to grey
siliceous (silicified)
Quartzite
- jointed and fractured
- stellate quartz
- goossanous on some
surfaces.
- ser, ank.
J1 312/60
J2 080/vert
J3 008/86
/ 140/34

274/64 NEVILLE CROSBY INC. Testa linden GRID

Aug 14, 1990 Sunny, hot

- Mapping Testa linden Grid

LINE 1050N

A IB 10W 1050N

A 10+75W 1050N

- goosanous altered, bleached outcrop

- Albite zone type.

fractured

- J1: 270/64

J2 032/66

- old sample station but flag half missing RG-325.

A 11+00W 10+45N Duplicate #

~~OCTLT0085~~ → OCTLT000

- Quartz vein in albitized rock; ank sericitic.

/ 248/58

- up to 5cm wide.

- Strongly fractured

- occ vugs

- occ weathered out pyrite cubes

- host rock strongly fractured
- major joint orientation
J1 = 318/56

Δ 11+00W 10+53N
- fine grained grey phyllite

↗ 192/06°
- may be float.

Δ 11+50W, 10+50N
- strongly calcareous grey fine grained phyllite
↗ 186/37
↗ 094/40
Intersection Lineation
L1 = 43 → 192.

Δ 12+00W, 10+50N
EOL

NEVILLE CROSBY INC.

A 12+00W, 10+75N
- old sample RG327
- grey, fine grained calcareous phyllite.
↗ 104/84
J1 054/64
J2 140/72

LINE 11+00N

A 11+00N, 12+00W
EOL

A 11+20N 11+00W
- massive dk grey siliceous quartzite/meta chert.

A 10+90N, 16+90W
- extremely gossanous massive altered material identical to Albite Zone.
- old sample, flag destroyed

NEVILLE CROSBY INC.

△ 1035 1090N
- massive dk grey highly fractured siliceous quartzite / meta chert

J1 = 196/48
J2 = 260/30

△ 1070ow, 1140N
- f.g. grn, grey grn well foliated phy / lith & carbonate stringers
- matrix is not calcareous
≠ 140/38
J1 = 324/vert
J2 = 180/78
- old sample RG329