GDE 313 diabase oc in stream joints
N75E and N50W 2 – 3' spacing dike ~ 20' wid.

Gde 731 August 1 1990

Section exposed beneath power line

N 80W

Gde 7-1-1

ap N 35 E 74 SE

hinge 68 N40E

strogly layered - eg bragn

Gde 7-4-1 outcrop of very highly sheared banded bio gneiss shear bands strike N60E 72 SE

Folds plunge N80E 40

righ latera or dea

across faults 72

SE

GDE 761

Rutile XI from James Tays farm "Iron ore from Field"

GDE 471 n 50E 60 SE ms/gn alt bands ~
4' thk some very coarse bio-boudins - major
tectonic zone - melange? Across from landfill
GDE 472 spl of bkt wh banded my gneiss -
new well 15 gal minute @ 600' one zone at 300
kept drilling Well by house hit water at
300' ~ same amt
GDE 411 n 55E 80 SE mylonitic saprolite abdt qtz
veining, alteration?
GDE 491 N 65E 60 SE coarse mica gneiss (bio)
with granular qtz-Feld mtx, large bio
white qtz-Feld garnet veins or leuco
granitic dikes are tightly folded
down plunge lineation vi story 575E 80 (bio clump

DE 492 coarse - mg layered bio gneiss with net like veins of granular leuco granitoid - alskite / Felsite

DE 431 ang white qtz in tnk clay subsoil (root burrows) or shrimp preserved. New well next to trailer is med grained bio granite gneiss (leuco crat.c)

DE 172 at old sewage pond, borrow pit in granitic gneiss sap, bio sch bands N 45E 47 SE

DE 181 N 70E 65 SE Myl (mica sch) bands alt. with sheared granitoid and gneiss saprolite in borrow pit

DE 191 N 10E 35 SE fine - med grained biotite granite gneiss oc. Low dips in cuts across road

GDE 182 N 65 E 84 SE } right handed folde
qtz veins plunge 40 NE sap exposure
of mica schist (mylonite - phyllonite)
stringer in gneiss.
GDE 183 sap cut above southchem plant
qtz cobble bed dips NW at 15° shows
partly sap sand layers, heavily
burrowed and clay zones ~3 thick
sitting on weathered mica rich gneiss
resid.
GDE 151 massive ledge N 90 E 60 S spl
of med grained sparkling brown
with 2 mm pink garnet
GDE 152 Road relo cut exposes massive ltgy
to pink granofels, compositional banding

ight / dark gran, pink Feld clots up
, foot ball sized - prob. a retrograde
granulite unit
DE 161 Highly stretched bio granulite (massive)
bio qtz - kspar granofels with strong
bio lineation down dip - med - coarse granulite
tex preserved on cross fract surface
-DE 162 - 2 wells for new double wide
home only one has pump (SE) med gr
k and wh (gray) gran gneiss, bio
t qt kfeld
p in road ditch n 85E 85 SE coarse bio gn
bio schist (Phyllonite stringers

GDE 241 N30-40 W 30 NE mass granofels
some relic comp bands strong bio
Foliation
GDE 251 N70W 75 NE bio gn sap
dbdt any qtz in deep red bio subsoil.
GDE 252 N70W vert mod gr bio gneiss thin
felsic banding preserved, strong cleavage - gentle
dips hard rock ledge in road ditch.
GDE 281 N85W 85S tect layered bk & wh
bio gneiss layers 2-3 mm - 10 m thk very
planar
GDE 291 N70W 35 NE bio Foliation in bio granite
gneiss, feld augen, leucocrate dikes and sills
GDE 292 mafic to Felsic volc dike appears
to grade from mafic (gs) Floor

hrough diorite - andesite zone to Felsite spls

A B C

DE 261 dk bio garnet hbd? gn bands

bio gn — recrystallized or annealed

Feldspar augen have sacharoid textures

DE 262 N 70E lost 2' bio sch/gn stringer

n. coarse bio augen gneiss massive oc

along Big Otter, Some coarse granitoid

layers - all looks like sheared igneous

DE 263 very sheared biogran gn

DE 264 coarse augen gn Flood plain has 20' sand

GDE 321 deep cut in porphyroblastic bio gran or granite gneiss with peg stringers

GDE 322 new well in blk & white qtz bio sch/gn coarse biotite dark gray overall

GDE 232 sap of mylonite gn / bio shist in bed 75 SE - vert - major shear zone

GDE 233 N70E 85 NW leucogranite bed? bio gneiss stringers 2" - 4" in 6' bed - is this a separate layered unit?

GDE 262 N80E 75SE banded b+w bio/gran gneiss then about 100' interval of porphyroblastic bio gneiss with faint compositional banding

GDE 263 N55E 65 SE med grained bio granite gneiss salt and pepper fabric

GDE 264 N80W 85NE bio tite bands, mg Foliation
N 50E 70SE med grained granite gneiss

GDE 264 cliff with old house on top banded bio
granite gneiss n 70E 75 NW pink and greenish weathered

GDE 265 big pavement of bk + wh layered bio gran gneiss
med – cg n 80E 80NW Good Field Stop

GDE 266 N 60W 45 NE (NW LIMB of Anticline)
N 70E 27 plnge of hinge
N 40E 55SE SE Limb

Big outcrop under new (20th century) trestle
19th cent stone + brick towers 100' downstream

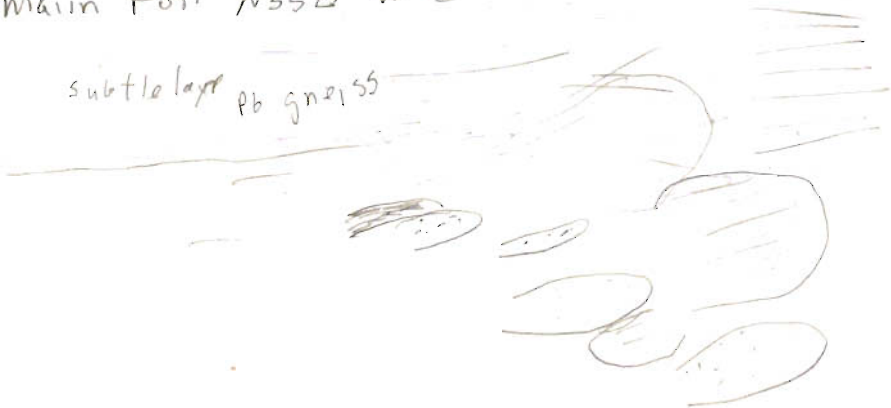
Must be stage road layered gneiss
old quarry is on bench along left bank ~100 x 50 x 50
about 75' above river between old and new towers

GDE 346 diabase bldrs in stream, pos diabase stringers
cuts bio gneiss gneiss has 2" white pbs or pbls or lapilli

Gde 671

Wierd outcrop apparently porp bio gran gneiss appears to be layered with various orient inclusions up to 3' long including leucogranulite and layered granulite gneiss

Main Fol N55E 90 SE

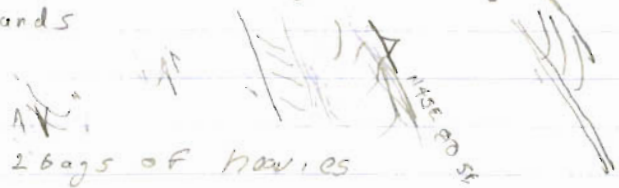


Goode quadrangle 7-26-90

Gde 611 N60 75 SE med cg porph. granitoid gneiss amphibolite blocks at top of slope, good outcrops of granitic gneiss along river front 3 spls A bio-amp gneissic gran. B med coarse-Leucogranic C Fg salt and pepper granitic gneiss (Moneta) Strike of amp? bed N60E 68 SE

Gde 612 pyrite-marcasite bearing diabase or basalt blds on steep slope, granitoid oc

Gde 613 coarse granitic gneiss, polyxline porphyroclasts shear bands right handed



Gde 641 2 bags of heavies

sampled from side ditch on road to [illegible]

GDV 9-2-1 sed banding in mica gneiss AUG 21 '9
sap, close mica layers look [illegible] than
amp layer near road NGOE ~ vert, hill to NE
covered in qtz gravel GDV 921 Spl is salt & pepper tex
2 mica "moneta" with visible pbbles

GDV 9-2-2 sed banding in mica gneiss Sap behind
New Catholic Church (Resurrection)
Looks like Calc gneiss (yellowish [illegible]

GDV 911 AUG 21

mi[illegible] al [illegible] [illegible]
qtz amp cobbles
[illegible] veins [illegible] gneiss sap [illegible] heavy
[illegible] amp [illegible]

rooster crows — GOD
IS WITH US NOW

MG 2 90 GDV 951
N 656 NW [illegible] - Mel [illegible] [illegible] mica
gneiss
[illegible] 21 GDV 681
d bio gneiss and schist w/qtz veins [illegible]
[illegible] ne line at ~ 2' above dirth [illegible] base
[illegible] red terrace Gneiss is F-Mg blk and [illegible]
[illegible]lt and peppar bio gneiss planar banding
[illegible] probably a [illegible] [illegible]
g 21 GDV 682
[illegible]
MG 21 Cly subsoil - weath. td, GDV 921
der terrace has rnded leucogranulite (pyr bearing cobble)

Hinde Quadrangle July 30, 1996

GDE 8-2-4 med - fg amphibolite, amphibole gneiss outcrops above spring, some mineral weathered out in pits along folia, resembling vesicular structure

GDE 572

Outcrops of coarse, sheared foliated biotite granitic gneiss, leucocratic inclusions? and gneissic inclusions? rock in

oode Quadrangle July 31, 19[illegible]

Gde 811, new bridge of State Road 714 over Machine Cr

Interbeded hbd - bio gneiss, granitic gneiss and

[illegible] Folds -

ap N55E 69SE

hinges plunge

[illegible] 35

[illegible] Interbedded

gneisses show pegmatic sweat

[illegible]

[illegible]

Garnet

Goode Quad 7-30-90 Gde 8-3-1

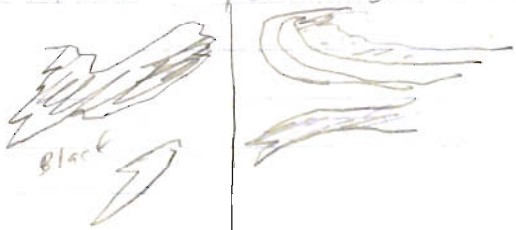
Well cuttings show fg granitoid gneiss

610 - musc qtz plag (Monefa)

Bridge over Little Otter Gde 851

amph gneiss / leucogranitoid gneiss

type 3 int. patterns



late hinges plunge

N 30°E 4°

Qtz Mica pegmatite outcrop on river GDE 821

Wispy sections of fg

arnet biotite muscovite gneiss preserved

~20' x 160 x 30 appa[illegible]
[illegible] zone Fg 2 mica [illegible]
well preserved
DE 822 - qtz granules in Fine gr red [illegible]
[illegible] gneiss well [illegible] sed fabric, Faint layering

DE 8-2-3 N55E 65 SE Fg hbd bio gneiss, small
[illegible] - pink Garnets

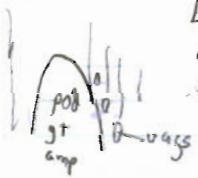
Jan 23 '07 WPP

GDE 651 – Oc of coarse hbl gneiss in Otter River
045 WP
N 37 18 611 N 79 23.614

LYG 921 WP 046
37 124 635
79 13 889
interlayered coarse to fine grained hornblende gneiss on Lyg expressway

LYG 682 spl of med gr amphibole chlt rx, some salt and pepper textured, some deformed
WP 047 N 37 25 547
W 79 08 647

LYG 6810 ~ 75' 25 m nw of 682 at WP 048
N 37 25 550 W 79 08 66'
spl of pod of coarse gt amp gte calcite rx in graphite sh

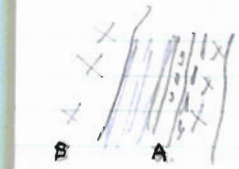


LYG 6810A
coarse gt amp calcite sulfide rock

LYG 6810 B

1-23-07

LYG 68 //
WP 49
N 37° 25.970 W 79° 09.019'
Z - garnet amphibolite
G - mamphibolite above



LYG 611

LYG 657 ∞ of coarse amphib
weathers like flow top at
5pls WP 50 N 37 26 080

3/17/03 GOE QUAD GOE 791

NGOE 60 SE thin bedded

stream pinstriped mica gneiss

bed SHOW 10° plunge of

Exposure intrafolial folds in btw

hbd gneiss on hillslope

3/18/03 N