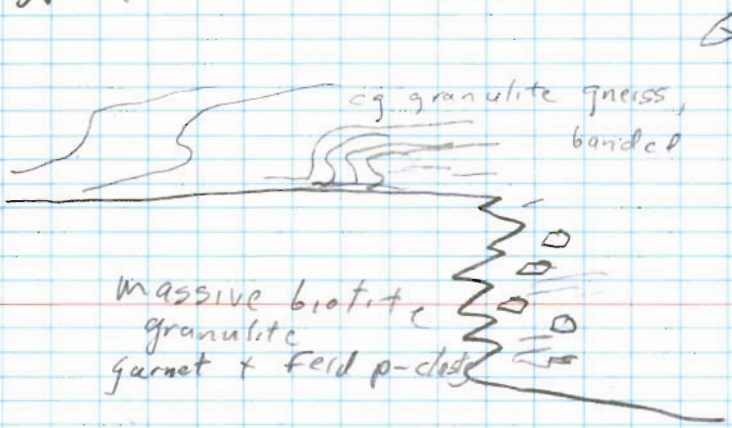
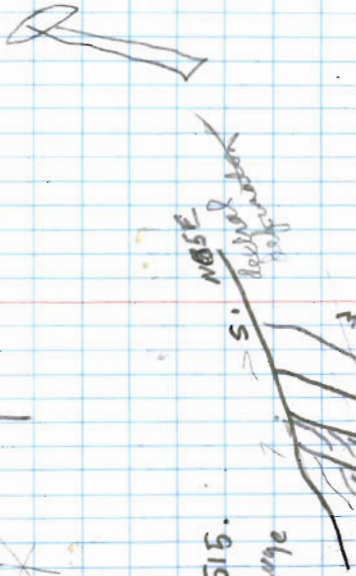
GDV 514


cg granulite gneiss, banded
massive biotite granulite
Garnet + Feld p-clasts


GDV515.
cleavage

GDV544 N85E 45 NE stretch lineation in felsic cg biotite augen gneiss (Stua Creek Gneiss

GDV 545 N65E Vertical mica schist mylonite gneiss

GDV 513 N 80E 30NE stretched feldspar porphyroclasts in layered (mylonitic) granulite gneiss outcrop N 30 E 45 SE, biotite foliation in mica schist (phyllonite partings) Crenulate plunges S 60E at 68 — this is a mylonitic phase of the biotite granulite gneiss unit along the red valley Fault zone

GDV 514 need to photograph folds in old Grenville granulite cut by melanocratic biotite granite N80E 30 NE Flow folds in granulite

GDV 515 U cg leuco-granitoid gneiss

GDV 791 ocs cg amphibolite large (relict) hornblende xls in med granoblastic plag epidote?

GDV 792 N70E 60SE stp textured metagraywacke outcrops along golf course boundary ~150 yds. down hill from well

GDV 781 med amp schist flt on trail

10/24/00

GDV 511 N66E 70E mica schist parting in mylonite gneiss saprolite, area being developed as golf course soil is red micaceous s/l loam with quartz veins, float, gray mica schist partings, highly eroded (Sycamore Ridge ext)

GDV 512 VCg granitoid boulders on lot as decoration

GDV 543 N65E 75SE med cg bio

78B GOODVIEW QUAD 10/19/00

GDV 622 well cuttings b+w bio highly. Foliate chips.

10-21-00

GDV 651 N75E 70 SE cg b+w bio augen/flaser gneiss saprolite in stream

GDV 652 coarse vermiculitic gray and brn saprolite (cg amp-bio gn?

GDV 653 N67E 48 SE cg hbd gn amp schist OCS on into Fluve

GDV 654 Aphibolite ledge at base of N80E 70 SE

GDV 691 N70E 65 SE med garnet bio leuco gneiss, ledges in stream

GDV 692 N60E 50 SE Black and White bio mylonite gneiss (Flaser gn) stretched bio N55E 45 NE

GDV 693 any black fg diabase in Stream

GDV 671 N55E 70 SE Mica amp schist

GDV 911 N66E 64SE Layered bio gneiss

GDV 155
10/25/00 N 63E 64SE brn-gray mica gn/schist (phyllonite) layer
GDV 156 N 54E 60 SE mass bedded granulite gneiss

GDV 157 N70W 50 SW massively layered greenish granulite gneiss

GDV 158 N20E 60 SE Same granulite unit
GDV 159 Cleavage ledges of mica gn N60E 59 SE
GDV 1510 Massive ledge med ± cg grgn
GDV 1511 Massive ledge medium cg b-w grgn, bio foliation N70W 80 SW beside pond
GDV 1512 N50E 70 SE med cg mylonitic porphyroclastic leuco granitoid gneiss
GDV 113 Spl of VCg diabase dike in Kates Creek, granulite float on slope to NE

GDV 516 porphyroclastic mylonit
gneiss 5 – 15 mm asymmetric
porphyroclasts N 60 E 60 SE
GDV 516

N 60 E 28 °N
N 45-50 E 65 S
GDV 517 Coarse bio granitoid
intrusive in layered gneiss
unit (xenoliths or screens
N 60 E 70 SE relict layers
GDV 518 med grained dk gnis grg
biohbd rock (Dike ~ N 70 W 20 'th
GDV 519 Terrace deposit in bend of
sets ~ 6' above Flood plain
GDV 510 N 60 E 65 SE myl fol in
coarse bio granitoid – Good Site
for Quarry
GDV 511 apparently enclave of me
cg bio granulite gneiss
GDV 434 Oc of cg bw augen bio gneiss
N 80 W 40 SW
GDV 564 coarse bio garnet K spar augen
gneiss K spar pclasts ~ 1/4 – 3/8"

GDV 213 N 30E 50SE V Massive
layered granulite gneiss
GDV 214 mylonite gn saprolite
N 70 E 30 SE mica Folia
N30W 60 NE qtz veining kink
bands or strain slip cleavage
~

eds, discontinuous bands are probably felsic cobbles

GDV 751 Sept 12 1970

c of Lyg bgn on [illegible] Run

S10E 38°

Mafic rock fragment

DY - 771 coarse granitoid saprolite
orange - white - black mottled saprolite

Charles Ellis → was interested in Erosion / Soils / [illegible]
ervey being conducted by? Whom

GDV 491 Sept 6 1990

oc of cg bio granitoid sap interlayered with hbd gneiss and hbd-bio gneiss? sap N45E 64SE schistosity in amp gneiss portion

GDV 492 New well cuttings indicate fg sandy textured garnet bio gneiss

GDV 441 spl of blk and white Flasor gneiss

GDV 442 Spl of Augen gneiss From stream below spring, Stuart Creek Gneiss

GDV 711 SEPT 7 1990

Good Ledge oc on creek blk and white thin lam - banded garnet bio gneiss leucocratic layers have descrete garnet bands garnet is orange red suspect Galo

GDV 321 med grained granoblastic granofels showing
N45E 25 SE blocky jointing, deep red brown
soil - rock has clots of mafics which
are partly altered to biotite, deeply purple
quartz
GDV 314 Spl of med-cg greenish gray granulite
strong segregation of mafic/felsic minerals
N 25E 23 NW purple qtz greenish K spar
gray glassy plagioclase, bronzite, some pyrn
deep green clinopyroxene or amp
GDV 322 equigranular black and white sap rock looks
like coarse granofels Foliated gray gneiss outcrops
along stream to SW
GDV 323 N45E 68 SE mylonitic bio muse schist
and gneiss

GDV 331 N45E 60 NW layered granulite - qtz Kspar / pyx ramp + opaques

GDV 324 DK green chl bio mylonite with some bright grass green amphibole streaming out on foliation. N 20E 65 SE LINEATION S60E 60°

BFD 711 N45-55E 65 SE coarse porphyroclastic biotite augen gneiss, musc foliation penetrates coarse feldspar porphyroclasts.

BFD 712 N 75E 54 SE in Goose creek - Mylonitic layers and coarse granulitic layers -

BFD 713 coarse mylonite gneiss, ~ biotite grade

BFD 714 N60E 70 SE coarse bio Feld p clast gneiss Sap - Feld p clasts drawn out into Feld Seg band

GDV 551 AUG 22 1990

Sprolite beneath thick qtz gravel layer
banded (layered) bio gneiss/schist with thick
pegmatoid stringers. Peg. appears to embibe
or engulf some schist/gneiss layers (altho it is
a boudier eg!)

GDV 553 AUG 22 1990

well cuttings at new house in woods
bio gneiss with a lot of qtz & qtz felt
pegmatite chips

GDV 831 [illegible]
peg sample

GDV 832 coarse gr mica bio gn.

FDV 912 AUG 21 1990

INTERBEDDED BGMF [illegible] A AMP

[illegible] 1641 ~ 4' of mottled (rooted) AUG 22 1990

lt with gy clay filling roots

and) qtz pebbles and pebbles clay filling

ub aqueus?

DV 642 ~ 200' exposure interlayered [illegible] Sch/gn

nd granitoid [illegible] vert (Stage Road

DV 561 Fine grained tan-orange sandstone with

ongate clay filled voids litters hill side, resembles

furrowed sltsn. Spl

DV562 large bldrs of coarse granitoid gneiss

bio, pyx and feld, minor qtz

GDV G11 N55E 68SE leucogranitoid layers in biotite gneiss - bassett like migmatic banding. bio myl sch layers

GDV G12 Mylonite, leuco granitic gneiss N 70E 85 SE

GDV G13 thin act schist zone less than 10' thk

GDV G14 act granofels - altered mafic rock

subhorizontal cleavage

GDV G22 coarse black and white and med gray bio gran saprolite, black myl zones, extremly sheared gneisses

GDV 261 4/24/95 new cuts at bridge Beloc on SR 757 fresh OC of coarse black and white bio granitoid gneiss, purple qtz porphroclasts are broken, angular..

GDV 3-7-1 coarse bio granitoid, bio in clots qtz is deep purple, broken but not mylonitic

GDV 614 good exposure for Fieldstop banded bio gneiss a few thin mafic (bio) bandes just under bridge banding is strong compositional segregation qtz feld / mica purple

GDV 311 coarse layered granulite gneiss, blue qtz grn feld mtx, pyx clots

GDV 312 N 35 E 40 SE comp layered granulite pyx altered to bio

GDV Spl of dark grnish gray banded granofels

GDV 313

25-

DV 222 N 30E 75 SE coarse bio augen gneiss
ame augen have clear qtz exsolved blebs - look like granule

GDV 191 oc in ditch strongly layered granulite N 40 W 85 SW deep red saprolite spheroidal cobbles

GDV 192 Coarse porphyroblastic ~ rudely layered granulite

GDV 161 N 40 W 65 SW well layered, coarse granulite layers are discontinuously alligned mafic silicate bands.

GDV 162 – outcrops of hard granulite in Front yard mylonitic bio augen gneiss saprolite in embankment

GDV 163 med grained leuco granulites

164 well cuttings in medium grained leucogranite with biotite schist partings

165 oc Fresh? leucogranulite 1-½ mm granules of rounded glassy qtz 1-1.5 mm black ilmenite/leucoxene – 2 mm masses of bio/amp after pyrox cloudlike qtz is black/smoky or amythestine, feld degraded to albite and microcline?

GDV 131 N20E 55SE cleav min comp N10E 80 - vert

GD 212 granulite (leuco) or microgranitoid purple qtz
11m - 6 10 clots

GDV 111 oc cg leucogranofels, blocks show strong
grenville granulitic fabric N20E vert?

GDV 112 pile of bldrs of vcg granulite, tgp
grenville fabric, dk grnsh gry when fresh

GDV 141 N55E 75E granulitic foliation in dk grnsh
gry med grained granofels

GDV 142 N10W 35 NE mass-layered med gr
qtz feld pyx granulite

GDV 143 med gr pyx gran NS 45 W sgg then foliated
and color banded saprolite

GDV 144 N50E 45 SE mylonite, blasto mylonite, = bio sch/gn saprolite

GDV 145 N45W 35 SW med gr salt + ppr granulite, not much mica qtz (purple) + Ksp + green pyx

GDV 171 N70E 45 SE mylonitic foliation in coarse protomylonite, bio schist bands

GDV 172 N45W 65 NE gneiss sap in basement cut, blue gray bio gran gneiss, bio schist in well cuttings

GDV 173 N40E 45 SE Fine grained bio gneiss/my

GDV ~~184~~ 181 N 25W 60 NE subtle granulite comp segration banding in coarse bio garnet granofels

Joints N60E 70SE N 25 W 85 SW

GDV 182 Leucocratic granofels layer ~ 100' wide
GDV 183 black and white bio gran as above
GDV 184 Fine layered granulite as in
SGG N 70 W 77 NE

GD151 M 25 W 30 SE Massive, thin
layered granulite blocky
jointed, weathers lite yellow gray sand

GDV 291 coarse leucogranulite bldrs, purple qtz, blebs in leuco
feld mtx

GDV 291 coarse granulite gneiss lenticular segregation
of pyx qtz-feld

DV 761 SEPT 4 1990

[illegible] of course, Moneta
[illegible] heavily eroded
on steep slopes, bad siltation problem
in stream mouth delta area

DV 762 interlayered metapelites
and graphitic schist — All [illegible]?

SEPT 5 1990

DV 763 interlayered metagraywacke
al muse (Graph) schist / Phyllite and
" tuff? [illegible] Falls indicate usd

GDV 571 SEPT 4 19[illegible]

new well at Roanoke Point, Garnet-hbd gn/sc
interlayers? in white felsic garnet - albite
or oligoclase lath gneiss/schist - Spl from
cuttings

GDV 811 good exposure of weathered banded
mafic/felsic gneiss - Cataclastic
or Volc?

GDV812 well in Lyg, musc rich schist, bio-musc
gneiss, fg garnet amp gneiss in cuttings

GDV 751 oc of med-cg bio gran gneiss
(moneta) with cg micaceous amp sap
Whole hillside is terraced, highly micaceou
Sap - definate erosion trouble spot

GDV 231 EW 80 S coarse layered gneiss ← granulitic

qtz/mafic fabric preserved but bio rather

th hbd E 80 S

DV 232 as above N20W 70 NE

DV 431 N80E 75 SE coarse porphyroclastic

bio mylonite gneiss (augen + Flaser) with

mod equigranular beds .5 – 1' thick

// exposed in cascade

DV 541 Mafic schist amp. epi – ilmenite spl

DV542 Felsic gneiss oriented spl of

banded rhyolite N65E 75 SE gneiss by water

hole is coarse and cut by Felsic dikes

Felsic intrusive and volcanics?

DV~~5~~ 461 mafic schist (moneta) spl

DV ~~542~~ 462 N70E 75 SE Felsic bands in

qtz musc Feldspar gneiss at Harbor Ridge Moneta Felsic sup

OV 122 layered granulite bldr N20W 35NW
may not be in place fine-mg pyx dioroid
or granofels bldrs on ridge — occ trend
N55E no dip avail

OV 152 bldrs of med gr granulite blue-purple ang
jte blobs, white feld (bleached) brown put-amp
clots, subtle granulitic foliation almost lacking
OV 153 fg-mg granofels bldrs, clots of mafics - 1mm
fld weath white/light gray
OV 154 hill covered w/ granulite bldrs new well cuttings
large block ? in place ?? N65W 50 NE strongly layered granulite
bldrs interMixed with granoblastic bldrs (massive
granulite?)
OV 421 N55E 75 SE felsic seg layer in blo gn
well cutting & cross road blue gray blo grain gn

ica gneiss layers above

DV 581 AUG 22

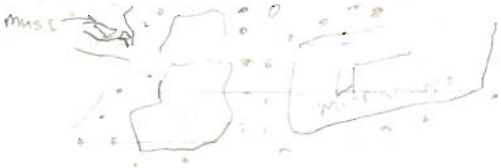
s pclastic bio augen gneiss pavement

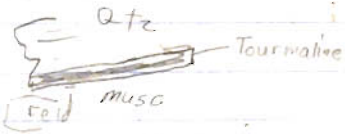
and ledges - rossing stoneck, Culvert Failure

-clas c foliato NSOF [illegible] orange garnet

DV 941 Public Landing AUG 22 1990

egmatite dike intrudes MVV ([illegible])





leavy mineral sand in bay, Mica sand in bay

961

190

Bedding N55E 60 SE

GDV 211 coarse porphyroblastic bio augen gneiss

GDV 212 fine - med bio mylonite gneiss / leuco granitoid or layered granulite blebs

GDV 213 coarse porphyroclastic granitoid with mylonitic fabric

GDV 241 coarse bio selvage on felsic / q dike or stringer

GDV 242 coarse bio schist in bio gneiss / qtz zone — probably forms resistant ridge making beds

GDV 252 coarse layered leuco granulite gneiss N50E 72 SE granulite Gldrs in Fields

GDV 291 coarse bio augen gneiss Sap in side ditch N40E 75 SE

GDV 292 N65E 72 SE coarse bio granulite or augen gneiss - more leucocratic than typical Lovingston

GDV 621 AUG 15 19

Biogn, mica schist protomylonitic mylonite-phyl
ite textures = SRGW brownsap. Qtz gravel
then orange red td above

GDV 631 N60E 73SE Mylonitic foliation
in layered bio graphite gneiss mostly phyllonite
and mica layers, Black Widow Spider.

GDV 661 Lots along 608 offered by
Lake View Realty (CENTURY 21) AS "HONEY TREE"
dkgy cg porostic bio gneiss, myl foliation

GDV 223 Saprolite of dk reddish brown, coarse bio augen gneiss – hornfels mtn N30E 50s E myl. zones in massive granitoid rx

GDV 224 Sap of coarse bio augen gneiss N65E 75SE – wholecut

GDH 493 stop 9 just before

Green 47 is typical marshall

Bio granite gneiss spl

a bindandt saprolite bio sediment

almost like Ly or Ash.

9 MYLONITIC

Good Saprolite in Cove before 9

9tz veins / granitoid stringers

Bio-Gran

Gneiss

GDV 741 9-14-90

at new house behind heating and AC well is in amphibolite, bio amp gneiss and sch (spl) Basement contact (Stuart Creek Gneiss) is along back side of hill

GDV 742 large OC of Stuart Creek Gneiss on stream spl is strongly layered bio granite gneiss

GDV821 AUG 30, '90

well cuttings and sap indicate thin bedded muscovite [illegible] granitic [illegible] N 65-70F 70-80SE basal meta seu

GDV811 Aug 30

good cut in [illegible] basement wall shows 6-8" blue weathered amp layers that appear to grade upwards in to arkosic layers layer at left is underlain by a felsic tuff? 6-8" thick [illegible] top [illegible] gneiss (meta arkosic [illegible] volcss

GDV791 Mass epidote - amphibole granofels in ditch - Fg text preserved in leucocratic zones

GPV861 GDV Dec 7 1990

Saprolite exposure at end of Bridgwater Plaza are thin banded bio gneiss close spaced bio bands resemble calc gneiss no hard rock to trig acid test