Altavista Pittsylvania Wayside

NAD E 26 NW ALT 271

37 05 .452

79 19 .360

ALTIVISTA ALT 771

37 00 524

79 22 827

OCT 31 '02

GARRY Phillips FARM

LOCATED OLD MICA MINE BELOW NEIGHBORS POND. TALKED WITH MR WALLER, MR PHILLIPS

ALT 671 Bio gneiss cm/scale comp layers Float, Soil etc power line

Alt 691 N90E 42 NW thn-med [bedded] fine comp banded bio granitoid gn w/leucocratic layers pbs = Cunningham cpx gn

Alt 692 N65E 25 SE cg granitoid gneiss / white feld p-clasts mylonitic foliation - 3/4" p-blasts in granular bio feld qtz matrix - massive ledge

Alt 693 N55E 20 SE mass / Flaggy layered bio gneiss

Alt 694 coarse bio gran gneiss w/ 2" - 6" hbd gneiss layers N60E 30SE dogs just past me at 3:00 pm 11/24/97

11/25/97

ALT 351 gab FIt then large blders of bio gn and coarse feld peg with euhedral orthoclase xls to 1"

ALT 352 322, 14 late cleavage in stp tex gray granite gneiss (ortho)

ALT 353 300 18 cm banded pblastic bio gn regular rounded "pebbly" pblasts give lumpy surface on mica foliation

ALT 354 rounded, "whale back" ocs of
med-fg s+p grgn (orthogneiss) in
stream gentle exfoliation surface
dips down stream, vertical joints
spaced ~ 2' apart trending 084
ALT 331 080 18 NW bio gn / schst ~~sc~~ below
road crossing, med granite ocs above
1
ALT 332 th bded bio sch/gn 038 18 NW
some 2mm pbs
ALT 333 Verg coarse pb/ostic gneiss, Flat
layers with 1" feld augen
most 1/2 or less, but quite abdt
mica sch / layers
ALT 334 N 40 W 15 NE pb bio
ALT 231 Black and B+W bio sch/gn w/
white gran stringers 305 25
ALT 232 N55W 20SW mylonitic granite

NE

SW

12/2/97 Blaines Millpond N45E 25 NW B+W
Med-Eg bio gneiss, flat layered
Boudinage rolls N60E 10 NE
schistose beds with cg gran lenses
ALT 635 Fine grained bio mica gn/sch / qtz
ite ledges, Fine sandy teft - relict clasts
A

ALT 131 N20E 15SE pb bearing musc-bio gn w thin mica schist partings, feld pbs up to augen sized 75' up hill are cuts in coarse blk ~ wh/brn and grn hbd bio gn sap

ALT 132 N30W 18° NE prominent planar surface in light pinkish gray to white granitoid gneiss (plutonic sills?? Forms flat pavements along stream bdw bridge, med salt and pepper texture

ALT 133 ~100 m, downstream from bridge pavement across stream mineralized joints N75E 80 SE pavement surface dips 10° downstream (NW) small quarry on NE side of stream

ALT 134 at least 3' of water in flood plain at this point 30 April 1997 @ 9 50 am

ALT 135 spring box adjacent spring where diabase dike crosses stream

ALT 136 N 30 W 32 NE coarse porph blastic gneiss saprolite

~~DLW~~ 941 N25E 10°SE contact between orange silt clay with qtz cobbles (reworked) and thin bedded porphyroblastic bio gneiss (Cropps mill)

5/19/97

ALT 121 Mottled Clay b horn
red - gray - grn, qtz cobbles

5/29
ALT 211 Soil Auger hole
adjacent to roadway in cut
over area, slopes 5° SW soil is
Fine sandy loam 2-3" A (5YR4/4) reddish brn
Mottled silty clay 2011 2.5YR4/8 red w micaq
gn/feld clumps stoped on qtz vein at 32"
in mica gn saprolite

ALT 151 N60E 40SE coarse
granite gneiss with 1" phenocrysts
intrusive ve in Fine hbd/bio gneiss
sequence

ALT 122 N60E 70SE coarse grgn intr
in Fg bio gran gn, bio gn

ALT 123 N80E 35SE Fg pink to gray
qtz Kspar bio gn looks hornfelsic
(metatuff?)

ALT 124 cg b+w leatherwood like pbls
granite intrusive in Fg bio gn N75E 50NW
lamination in Fine bio gn

ALT 221 N 70W 55° NE BIO
FOLIATION IN GRAY AND
WHITE BIO GN SAP, hbd
gn Float in yard, Feld pbs
Weathered in soil

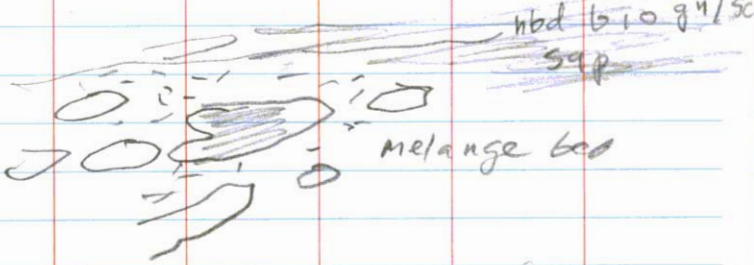
ALT 251 N85W 55NE BIO MY FOL.
IN Bio Gran gn sap -
yellowish brn mica soil

ALT 252 med gray-pnk med + cg
granite joints N 35E 52SE lines
N85E 38 qtz Fibers on joint
indicate up to NW
pegmatite zones or dikes N80W
coarse graphic tr+T
N10E 40NW joint set V strong

ALT 253 N75E 55NW fine layered bio granitoid gn (Bassett Type)

ALT 254 N85E 35NW sedimental folds N80E 5-0° plunge, fine bio gn/mgw layers apparent paleosome interlayered with coarse g+z Feldspar granitoid layers = migmatite - near melt

ALT 255 coarse mafic/felsic melange unit - N65E 30 NW coarse mafic (hbd) gn clasts, fg felsic clasts in cg gran mtx, tal shear sense



ALT 222 V cg amp (hbd gab) float on bank

ALT 223 fg stp grgn, no strong foliation, exfoliation N55E 7SE dia flt in woods

ALT224 pisolitic limonite in bottom

Alt225 dia flt

ALT 226 Leucogranitoid pavement, exfoliation dips 56OW at 10° steep joints N15E, N85E

ALT 226 N55W 25 NE FINELY BANDED MUSC-bio gn sc, granite blks float

ALT 227 SOFT LAYERED FELSIC GN N15-20W 40NE

ALT 228 N20W 25NE cg bio sch w qtz stringers, brn spotted weathers

ALT 231 pb bio gn = tapers out

232 dk gy myl sch with wafer thin qtz bands N10W 10NE

ALT 256 N20W 40NE pnk-gry mod gr granite gn w/ chlor. (ortho gneiss & cummingtonite)

N50E 30SE Faint kink plane cleav

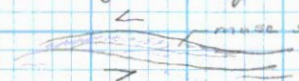
ALT 257 N60W 45 NE contact between pnk gran sill and coarse bio schist to strm

ALT 258 blocks + blks of felsite breccia or flinty crush rx

ALT 259 cg hbd gn sch, thin layered felsic gn/mafic tuff float in stream gravel

ALT 2510 Big xtal type Porphyroclastic mylonitic granite gneiss ac N40E 10SE

ALT 2511 Porphyroblastic felsic gn w/ muss-qtz sch stringers mylonitic layering lineation on slaty cleavage planes N75E 20



Thrust movement indicators

ALT 281 N75W 40NE, N50W 20 NE central fold N30W 15SW sw limb of fold in bio/amp sch sap Gravel bar has slaty chips of hbd gns bio sch/gn with feld clasts hbd clasts

ALT 282 N30W 15 NE layered pb bio gn with 1/2" feld augen, .45 cal garnet discontinuous lenses of hbd gn, left fold N60E 15 NW mineral lineation in hbd layer

ALT 283 N45E 25SE, interlayered (med bedded) biotite gneiss and schist Flaggy bd in stream at 2 + didbase bldrs, giant turkey sited SE of stream ~30 / 6s

ALT 284 N60W 15°SW med to thk bded pelitic & psammitic bio gn ledges form water Fall - good nap or field trip stop - Classic Hupps Mill Pb bio gn

ALT 2512 N60W 25NE gran gneiss/gran in gneiss sap just below dam, dam shows major leak on left sit

ALT 261 deeporange mottled slty cly sap looks pelitic (bio/musc schist parent)

ALT 262 N30W 30NE pb bio gneiss, well layered / pblastic

ALT 263 abdt feld pbs float in brn mica soil

C

Alt Pipe clay 3'

BL662 along Birch Ck at 713 bridge
Stream stripped out by floods
layered mica gn/sch sap
overlies lineated gn sap
in stream N60E 30 SE

ALT 111 N 38 E 45 SE cg pb mica sch

ALT 141 FIT OF mica schist

142 Oc N30E 40 SE

dark (graph) mica schist w/ biotite pbs

ALT 143 N50E 45 SE th - med bedded (Layered) pinstriped metagraywacke w/ pb bio schist layers (graph) (Joshua Schist)

honey brown - orange garnet pbb ≈ calc silicate rock