

23 Sept '76

841234
Grouse Creek
83D

Aeroradiometrics @ Grouse
Windfall & Howard Creeks

Grouse Ck #15 - FP-76-40

Talus of orthogneiss which
is an augen orth- glt - grn gneiss
give 25 cps on ground and
2000-2700 airborne. Forms a
concordant lens & sill w/
characteristic igneous walling.
Grouse #15 is a glt - brn - fx
gneiss underlying the orthogneiss

Anomaly 23/9/76 - 1 @ 7000 ft

located @ Howard Ck #20

sharp 2100 cps over background 900 cps

Carbonatite, weather red brown,
fresh is red brown to light gray;
surface very fragmental and jagged,
with banding (centimetric) parallel
to enclosing gneiss. mineral as
calcite, magnetite, biotite, sphene(?).
Is not metamorphosed, therefore
was intruded as a 'sill', 35' thick

FP-76-41

FP-76-42, 43, ~~44~~

47, 50, 51, 52, 53

rock chip
hand samples

Carbonatite B.G. 150-280 cps
Soil anomaly below up to 650 cps

upland eastward for $1\frac{1}{2}$ miles
345°, 20°W

Host rock: g₂-bio-hbl-pld
schist to gneiss; thick,

Bottom & top 3 ft ^{of calcite} are
more massive and gray
whereas central part is red brown

Crystals up to 3 cm, mostly
1-3 mm, oligoclase with
coarse hbl & bio frags.

photos 19, 20, 21 20, 31, 22

Sept 23/76

Hazy, cool

Grouse Creek

Airborne check -

On GAM \rightarrow 2400 cps

(7000')
On ground, outcrops of
qtz-feld-mica gneiss,
lineated, weather grey, lighter
on fresh surface, locally
with garnet, fine to med
gr., inequigranular, augers
feldspar lineated

- BGS-15K \rightarrow B.G of 200-250
cps

\rightarrow Augers $< \frac{1}{2}$ " long & only
local

- Origin from siliceous
sediment?

- More garnetiferous & micaceous
gneisses here \rightarrow B.G 1500 cps

- On ridge to north is feldspar

057-202-150 B6 10/11/54

augen greis
c. p. s.

↑
Orthocentrus ?