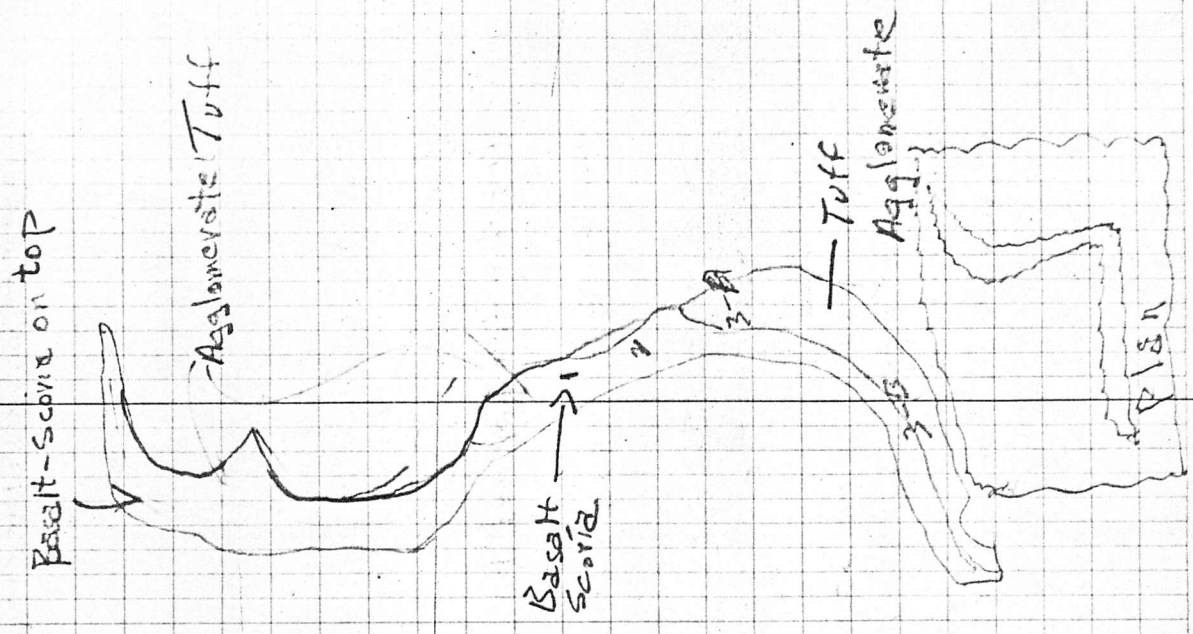


November 19, 1968
Near Pt. 293 in Northern Hudson Mts.
Nunatak consists of yellow tuff and
overlying basalt and scoria. Outcrop is
NNW of Pt. 293

Locality #12

- 12-1-A - Scoria, basalt
- 12-2-A - Scoria, finer
- 12-3-A - Agglomerate tuff, just below
basalt scoria
- 12-3-B - Same as 12-3-A; different
outcrop - Tuff contains
pebbles & boulders of many
kinds of rocks - granite, gneiss
- 12-4-A - dark gray basalt



Nov 19, 1968 Testers Nunatak
locality #14

Surface of outcrop strewn with
boulders of many different exotic rocks;
granites, gneisses, etc.

14-1-A - basalt scoria, large
vesicles

14-2-A - fine-grained basalt

14-3-A - red to gray scoria.
considerable red scoria below black
scoria at surface. This red material
forms slope near top - contains many
different exotic rocks.

there appear to be several
flows, two or more scoriaceous and
at least two dense basalts. Olivine
content varies in different flows.
No tuff visible although red slope
may be underlain by tuff.

14-4-A - Scoria with inclusion

14-5-A - Dense basalt near
top of Nunatak

14-5-B - Same as 14-5-A



Nov. 19, 1968 Hatgson Nunatak
Locality #16. Elev. = 1,760 ft.

Most of Hatgson Nunatak
consists of dark yellow bedded
tuff. Few scattered outcrops of olivine
basalt.

✓ 16-1-A - yellow tuff with many
pebbles

✓ 16-2-A - dark gray basalt with
abundant olivine crystals. From small
outcrop at surface near top.

✓ 16-3-A - yellow agglomeratic tuff

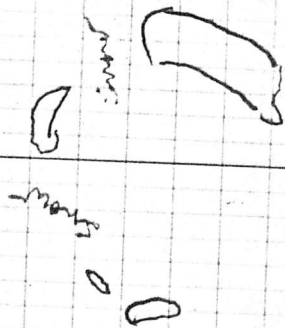
✓ 16-4-A - Scoria, dark gray

✓ 16-5-A - Dark gray basalt

King

Nov. 19, 1968 - Tighe Rock
Locality #18

Fly-by only - No stop. Rock
appeared to be yellow tuff.



Nov. 19, 1968 - Maish Nunatak
Locality #20. Elev. 1000 ft.

Ropy (pahoehoe basalt).

Entire nunatak appears to be
pillow basalt and pahoehoe basalt
Possibly a volcano (?)

- 20-1-A - pillow basalt, glass rim

- 20-2-A - same as 20-1-A

✓ 20-2-B - same as above

Nov. 9, 1968

Locality #22 - unnamed
Nundak near pt 205 on map.
Elev. = 1120 ft.

✓ 22-1-A scoriaceous basalt with
olivine

✓ 22-1-B - same, except denser

Nov. 19, 1968

Locality #24 Mt. Moses
Elev = 2700 ft

High Volcano-like mountain.
Black basalt, outcrops few and
scattered. Surface covered with
rubble of somewhat rounded
cobbles of vesicular basalt or
scoria all underlain by glassy
black cinders. Much olivine basalt

✓ 24-1-A - vesicular basalt

✓ 24-2-A - olivine basalt from
vertical dike on flank of Mt. Moses

✓ 24-3-A - sulfur (?) stained basalt
in place from a zone of alteration

✓ 24-4-A - scoria

✓ 24-4-B - scoria

Nov. 13, 1968

Locality #26 Slusher Nunatak

Bad weather prevented a complete survey of Slusher N., but definitely appears to be dark yellow tuff and agglomeratic tuff. Large inclusions of scoria and basalt. Large glacial boulders of basalt, scoria, schist, gneiss, etc. Tuff jointed in places.

26-1-A - reddish coarse-grained

tuff

26-2-A - reddish coarse tuff

26-3-A - greenish more compact

tuff

✓ 26-4-A - yellow tuff

Nov. 26, 1968

Locality #28 - Velic Nunatak

Dark yellow agglomeratic tuff
overlain by black vesicular basalt
About 1/2 of exposure is tuff & other 1/2 is
basalt

✓ 28-1-A dark brown highly indurated
tuff

✓ 28-2-A coarse-grained, yellow brown
tuff

✓ 28-3-A basalt, black, vesicular

✓ 28-4-A tuff, yellow

✓ 28-5-A tuff, yellow brown

✓ 28-6-A tuff, below contact

✓ 28-6-B " " "

✓ 28-7-A basalt over tuff

✓ 28-7-B " " "

Contd Next page

3. Vesicular basalt
2. Dense basalt
1. Tuff

✓ 28-8 - Scoria

Nov. 26, 1968

Locality #30 - Unnamed outcrops
Northeast of Mt Moses on map and
Southwest of point 115

Red to reddish-black scoria
on NE. outcrop. Black scoria and
basalt rubble on S.W. outcrop. NE.
outcrop appears to be rim of volcanic
crater. Clinders comprise bulk of slope.

✓ 30-1-A - scoria and basalt

✓ 30-2-A - Basalt, black

✓ 30-3-A - Scoria, red & black

Nov. 26, 1968

Locality #32 - Siren Rock

Yellow tuff with numerous

inclusions of scoria & basalt

Cinder slope. Basalt & scoria inclusions are

large (up to boulder size) and comprise large

percent of tuff. Several thin basalt

interbeds.

V32-1-A (WU) - tuff, yellow to gray

V32-2-A - Basalt, from flow inter-
bed in tuff.

V32-3-A - tuff, yellow

V32-4-A - Basalt from interbedded flow

Nov. 26, 1968

locality #34 - unnamed

Nunatak $\swarrow$ ENE. of Meyers Nunatak and
SE. of Wold Nunatak

Black cinder slopes with

black basalt and scoria

rubble. North outcrop consists of
yellow tuff.

✓ 34-1-A - basalt

✓ 34-2-A - tuff, yellow

Nov. 26 - 1968

Locality # 36 - Meyers / Nunatak

slope covered with rubble
of angular pieces of basalt and
scoria. Yellow tuff outcrops
in scattered poorly exposed surfaces.
Thin, platy basalt outcrops common.
Few thick basalt. Nunatak appears to consist
of alternating, nearly vertical beds of basalt
and tuff.

✓ 36-1-A - olive basalt

✓ 36-1-B - " "

✓ 36-1-C - " "

✓ 36-1-D - " and glass

✓ 36-2-A - basalt, vesicular

✓ 36-3-A - contact between basalt dikes
and tuff✓ 36-3-B - basalt, glassy from dike
and tuff✓ 36-4-A - contact between glassy
basalt dike and tuff

✓ 36-5-A - basalt from dike

Dikes have glass chill zones on
top + bottom, but most have a
scarcious zone in the center.

Meyers Nunatak apparently made up
of thin to moderately thick basalt
dikes, intruding yellow tuff.

= III

Nov. 26, 1968

locality #38 - Inman Nunatak

Slope in many places composed of cinders. Other places it is yellow tuff with many and large inclusion of basalt. Few basalt dikes. Slopes covered with rubble of basalt + scoria. Central part consists of basalt intrusions which have arched the limbs consisting of tuff

✓ 38-1-A - tuff, yellow

✓ 38-2-A - basalt, dk. gray from dike.

✓ 38-2-B - Same

✓ 38-2-C - Same

✓ 38-3-A - Hydrothermally altered basalt

✓ 38-3-B - Same

Anticline structure
with basaltic core and
tuff flanks

X-sec

tuff
basalt

Tuff older than basalt

Nov 26, 1968

Locality #40 - Wold Nunatak

Southern outcrop visited first:
Yellow tuff around edges - Middle
consists of basalt rubble, few
dikes and scoria. Cinders around
basalt intrusions. Several small,
conical-shaped intrusions of basalt and
scoria.

✓ 40-1-A - basalt from dike

✓ 40-2-A - Scoria

✓ 40-3-A - basalt from intrusion

Northern outcrop is mostly basalt
and basalt rubble - small amount
of yellow tuff. Set down in helio,
but no samples collected as was
same as southern outcrop.

Nov. 26, 1968

Locality # 42 - Mt. Mantle

Outcrops consist largely of same old yellow tuff with numerous basalt inclusions and basalt rubble on surface on top of Mt. Mantle. Top is mostly tuff; some basalt in place on top of tuff. At base of Mt. Mantle, sheer cliffs of yellow tuff with huge boulders of basalt. Thick basalt on top.

✓ 42-1-A - Tuff, yellow

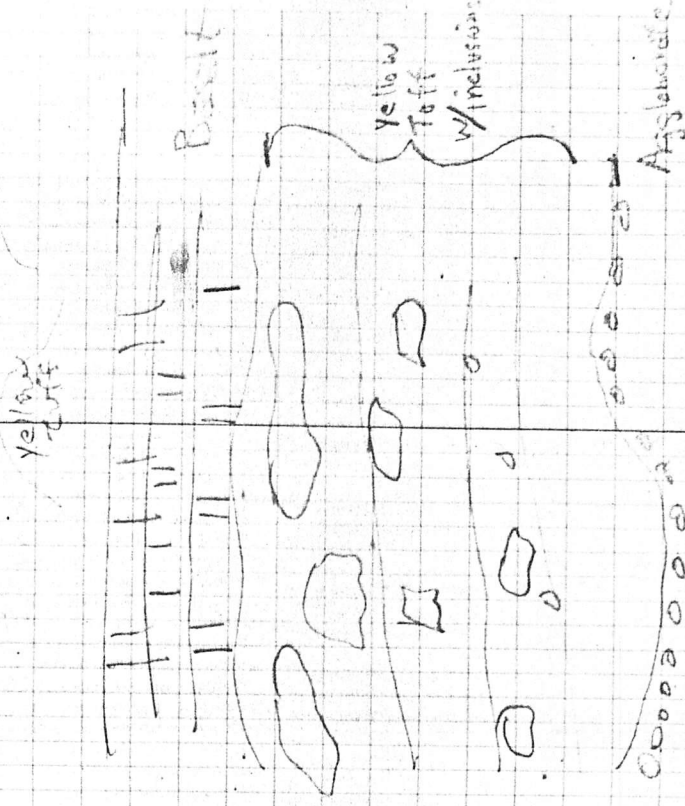
✓ 42-2-A basalt, crumbly, soft
scoraceous

✓ 42-3-A Tuff w/ obsidian inclusions
from base of cliff

✓ 42-4-A - Dark gray scoraceous
basalt

✓ 42-5-A basalt, dark gray, dense

✓ 42-6-A - basalt, scoraceous, from
top of 700 ft bluff



Nov. 26, 1968
locality #44 Shepard Dome

Surface consists of dark
gray to black basalt overlying
yellow tuff. Basalt is broken
into rubble, outcrops sparse. Tuff
does not outcrop, but scattered
pieces are seen at surface.

✓ 44-1-A - basalt

✓ 44-1-B - same

Nov 26, 1968

Locality # 46 - unnamed outcrop, due south of Webber Nunatak - is southernmost of two unnamed outcrops

Surface covered with moderate to large angular pieces of basalt. Some basalt is vesicular, some more dense. Most is vesicular, some with smooth glassy surfaces.

✓ 46-1-A basalt, vesicular

✓ 46-2-A basalt, dense, dark gray

46-3-A

Nov. 26, 1968

Locality #48 - Unnamed
outcrop, southwest of
Webber Nunatak. It is the
Northernmost of the two
unnamed outcrops south of
Webber Nunatak.

Outcrop consists of tuff,
bedded, nearly horizontal, yellow to
buff in color. Tuff has inclusions, but
v. few large cobbles of basalt seen

- ✓ 48-1-A - tuff, yellow or buff
- ✓ 48-2-A - " " "
- 48-3-A - basalt inclusion from
the tuff

Nov. 26, 1968

Locality #50 - Webber Nunatak

Rubble of angular pieces of
basalt. Numerous large outcrops
of yellow-brown tuff. Tuff has
inclusions of basalt, scoria and
obsidian. Underneath basalt rubble,
clinders make up slope.

✓ 50-1-A - Tuff
✓ 50-1-B - Tuff

King

Dec. 4, 1968

locality # 52 - Mount Dowlan
Appears to be entirely composed of
dark-to-light green Metamorphic rock, with

inclusions in rock and
breccia visible

52-1-a - Meta-volcanic, fine grained, base,
poorly developed banding visible

52-1-b - Same, but banding very faint

~~52-2-a - Same - Gave to Fernando~~

52-2-b - Same, with visible inclusions

52-3-a - breccia, or brecciated green
metamorphic rock

52-4 - Meta-volcanic(?), very dense, fine-
grained, light green, small amount
of faint banding.

Dec. 4, 1968

Locality #54 - Unnamed outcrop
west of Mount Dowlin

Appears to be nearly same
metamorphic rock as at Mount Dowlin.
Dark green with visible angular to sub-
rounded pebbles. Probably a metavolcanic rock.

54-1-A - Metavolcanic, dark green.
Pebbles.

54-2-A - Same (Gave to Fernando)