

July 20 / 1978

W.A. HOWELL
T. OLIVER

Harrison M-480

841626

TRAVERSE ON RIDGE FROM
FROM MT DOWNING → SOUTH

HELICOPTER DROP OFF ~ EL 4600

SITE ① @ DROP OFF PT. Am

Rock is MASSIVE dark green andesite

TB-80

SOIL SAMPLE T20-1 collected
from a small heather flat ~ 100'
S of Drop off pt.

SITE ② Rock Sample TB-81 1/2 from

overturned tree roots - hard
pale green to med green, white weathering
fld. grey dacite. Dp

SITE ③ Rock Sample TB-82

Andesite? fragmental lapilli Alb(R)
breccia, ~ 10% rhyo or rhyo-dacite
clasts.

~~Soil Sample T0-20-2
from "B" lounge or lower "B"
with organic soil.~~

SITE ④ Similar to Site ③

Alb(R)

Rock sample TB-83

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②

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Site ④ cont'd -

Soil Sample. T.O. 20-2,
Poorly developed soil.
Humous Rich upper "B" horizon

Site ⑤ Rock Sample TB-34 (2 pcs)

rock is an andesite fragmental
with up to 15% rhyolite or
rhyodacite fragments. Sulphides
(py) are common in rhyolite clasts
an occasional irregular clast (up to 2 cm)
of py looks like it may be a
fragment.

Soil TO 20-4 is in the sharp
col. - "B" Horizon silty sandy soil

Sc? rock in overturned tree roots uphill
to N may be tuffaceous sands.

Site ⑥ Rock sample TB-35

R-RDb
d Rhyolite to Rhyodacite Breccia -
Matrix is partially chloritized.
Rock is creamy coloured to pale
green. It is at S end of 3 small
ponds.

T 20-5 soil collected. -
dark brown to black,

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Site (6) could -

T-20-5 Soil sample -

dark brown to black,
7" to Rock

adj % is 2-d bx similar to (6)

Rock Sample TB-86

Site (7) bedded rhyolitic tuff

sample is from large dislocated

RT bedrock boulders - bedding

attitudes are not reliable

occasional large lapilli fragment
is present.

Soil Sample TO-20-7 coincides
with Site (7) rock

(There is no TO-20-6 Soil sample)

Sample is mixed A-B sandy clay
soil.

Site (8) Rock - TB-87 %

from overturned tree roots -

AT dark green f.g. to m.g. massive
andesite tuff. an occasional
fragment is visible

Soil TO-20-8 sand/clay, B Horizon
site is top of steep slope to S
on the ridge.

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(4)

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In steep gully N of #8
an old bluff line trends 295°

Old claim post in the draw
100 feet N of the bluff line and
at the summit of the saddle.

I. Post SKIP 105, 106
tags { 251 581 m
 { 251 582 m

F. Post SKIP 103, 104

staked by G. Dixon

for E. Dodson

Sept 3/71

Northerly to #2 post

Soil TO-20-9 - B Horizon clay,
sandy silt from bottom of
the prominent draw cutting the
ridge

- TB-88

Site ⑨ - S side of prom. draw.

R-RDB? rock is similar to ⑥ - this
is possible large boulder or c/c.

Site ⑩ Rock TB-89 is f.g. cherty?

1m siliceous tuff, ~ dacite?
or 5c locally v.f. glassy feldspars are
apparent.

Soil TO-20-10 - gravelly sandy silt,
good "B" horizon sample.
from overturned tree roots.

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(5)

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Site (11) Rock TB-90,
DP Feldspar py dacite, similar
to Seneca foot wall type.

Soil T20-11 is good B Horiz
sandy silty soil.

Site (12) Rock TB-91, fine gr.
RT white weathering grey andyolite-
tuff. Fresh specimens have v.f.g.
disseminated py and fracture py.

Soil T0-20-12 is a good "B" Horizon
silty-soil.

Site (13) Rock TB-92, dark green
Am f.g andesite in cliff rubble.
trace of Malachite present.
No Soil Sample.

Site (14) TB-93
AP f.g py chloritized acicular
Hr. py andesite ? Dike?, Sample
from talus slope.

Rock is similar to Seneca
DDH 39 % at collar.

No Soil sample

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(6)

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site (15) Rock TB-94
Dior. dy? chl. med grained diorite -
talus float. commonly obs. as
columns 6" to 18" in diameter
& up to 3 to 4 feet long.

No soil Sample collected.

site (16) Rock TB-95
D.P. & f.g. pale buff weathering w.f.g.
qtz of py dacite?

Loc'n is N end of logging slash.

Soil TO-20-16 is good B
Horizon, silty soil.

AAA G (QM)

Site (17) float in logging road (abundant)
TB-96 - med. grained qtz
orthoclase py qtz monzonite
(This rock may be the intrusive
equivalent to the Seneca Qtz of py.)

the road is almost entirely
composed of this rock.

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T OLIVERSite 18 (^{LOG} LANDING & Helicopter
pick up site) TB-97 (F)RI
A pyritic rounded spherulitic *Stapillia*
is found. the occurrence appears
to be isolated.G?QM
f.g.
9P Rock bluffs on a narrow
shoulder above the road
are composed of finer grained
qtz feld spy than Sample TB-96G
(QM) the bulldozed material in
the landing site is exclusively
qtz - orth spy & monzoniteQuestion ① is this the same
Qty monzonite identified
by E. DODSON N of

Hemlock Valley development?

Question ②How does this intrusion
relate petrologically to
the various spy "dikes"
at Seneca and the
qtz eye spy dacite common
at Seneca?

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JWGT

G8-150 soil sample: dark grey to black clay w/ organic

36 - andesite, A

G8-151 S.S., 104c. 4060 alt., mbr, loam

G8-151 rock, some weather, large angular float, rhyolite RDA

160c. Flag 155 15E $\approx 207^\circ$

210c. 3990' $\approx 280^\circ$

G8-152 soil: grey clay

rock: angular, possible o/c, andesite?

268c. G^P some intrusive float, subangular

G8-153, float, sub angular, sediment with tuffaceous contact in rock sample, some S pyrite in tuff. 280 count, just rising from col.

G8-154 - soil sample 304 count 3950 alt.

Mix brown loam + fine gravel

G8-155 - 388c, rhyolite w/

disseminated pyr, o/c. RD

G8-156 - 421c. angular, o/c

rhyolite w/ much pyr. R py

alt.: 3825'

Soil; between 155 & 156, possible fault

G8-157 474c. o/c rhyolite. RD

500c. line 55-8E $\approx 285^\circ$ heading LEVEL

G8-158 505c. 3940' alt.

soil: med br loam

G8-159

soil: med br loam 620c. 3930' alt.

another old line at 620.

G8-160

soil: grey clay-loam, 725c. 3910' alt.

G8-161

786c, possible %: andesite? A?

G8-162 828 c. 3940' alt.

soil: med-brown loam.

rock %

G8-163 930c 4010' alt.

soil: med br, loam w/ organic

"10S 13E" 958c.

rhynobacite 1000c. % R D

G8-164

G8-165 1021c.

rock samp.: tuff.

F

G8-165 1035c. 4060' alt.

soil: med br loam

G8-166 1150c 4070' alt.

soil: sandy loam med. br.

G8-167 1250c. 4100' alt

soil: med brown loam.

G8-168 1363c. 4260' alt

rock: rhyolite porphyry % R D P
soil: med. brown loam

G8-169 1423c.

rock: rhyolite, % R

G8-170 1494c. 4425' alt

Soil: med br. loam

G8-171 1613c. 4500' alt

rock: andesite, probable % A

soil: med brown loam.

G8-172 1744c. 4650' alt.

rock: probable %

soil: med. brown loam

G8-173 top of Mt McRae ^{A, D P} 1913c. 4820'

rock: % andesite, also ductile porphyry

Paces start again at 0 at Mt McRae

G8-174 76c. % samples

andesite E of Mt McRae summit A

G8-175 112c. 4690' alt.

soil: med br. loam w/ organic, rock: %

G8-176 132c. % rhyolite? R

G8-177 163c. % andesite A

G8-178 234c. 4520' alt.

soil: med br loam w/ slight organic

G8-179 321c. 4490' alt.

soil: med br silty loam

G8-180 446c. 4460' alt.

soil: med br loam

rock: rhyodacite?

RD

G8-181 539c.

Dp

o/c dacite porphory

G8-182 (also dacite porphory) 568c. 4420' alt.

soil: med br. loam

Dp

G8-183 590c.

RDb

rhyodacite, breccia sized fragments

↑
frags of dacite porphory,

Dp

more dacite porphory N along ridge

G8-184 674c. 4440' alt.

soil: med br. loam

rock: dacite porphory

Dp

G8-185 823c.

4480' alt.

soil: med br. loam w/ organic

rock: rhyodacite porphory

RDp

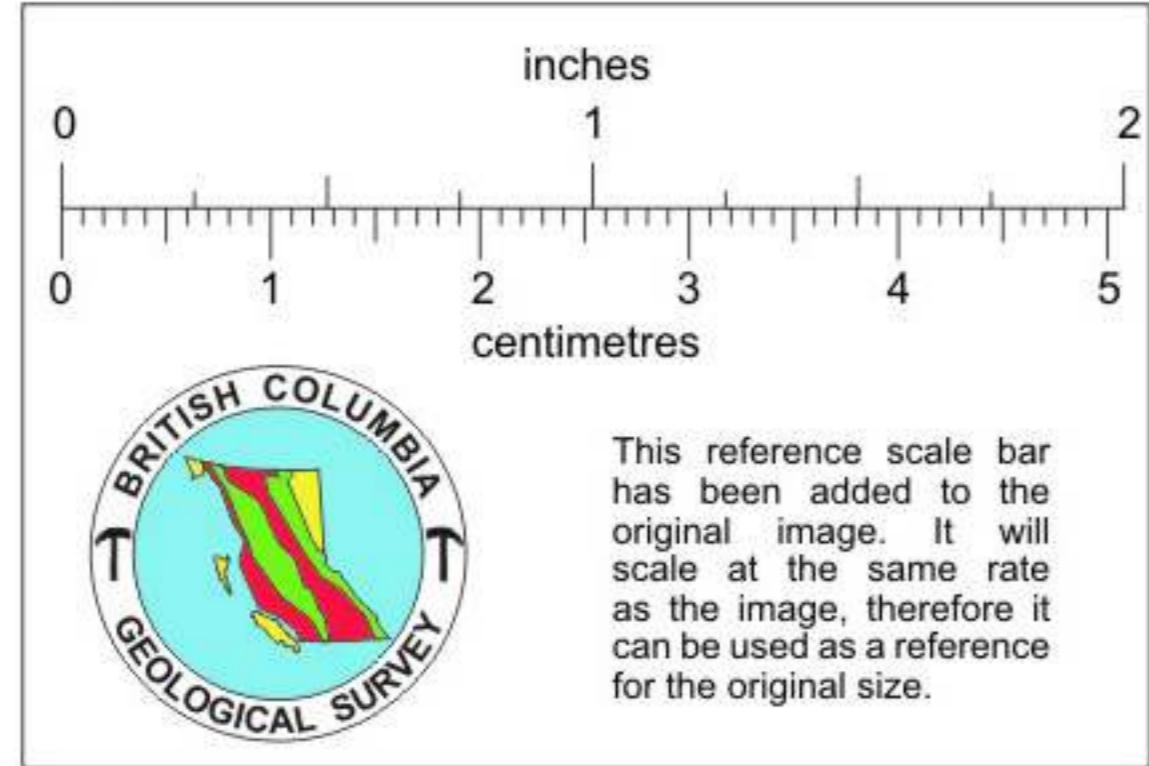
NB 17A, B & C are
from 172 → 178 around
the top of Mc Rae.



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Roads:	Routes:
hard surface, all weather.....	pavée, toute saison.....
hard surface, all weather.....	pavée, toute saison.....
loose or stabilized surface, all weather.....	gravier aggloméré, toute saison.....
loose surface, dry weather and unclassified streets.....	de gravier, temps sec et rues hors classe.....
cart track.....	de terre.....
trail, cut line or portage.....	sentier, percée ou portage.....

Roads:	Routes:
2 chaussées séparées.....	plus de 2 voies.....
2 lanes.....	moins de 2 voies.....
2 lanes or more.....	moins de 2 voies.....
2 voies ou plus.....	moins de 2 voies.....

Miles 1 0 100
 Metres 1000 0 100
 Yards 1000 0 1000

HARRISON
 WEST OF SIXTH MERIDIAN

FOR COMPLETE REFERENCE SEE REVERSE SIDE POUR UNE LISTE COMPLÈTE DES SIGNES, VOIR AU VERSO