

3 Oct '76

840095

Bootjack Mt. Reece

P15

~~P3/10/76~~ silt

contains gravel & organic
debris

~~P3/10/76-IV~~

PIW 6.0 pH. clear water w/
trace sediment: 15%; drains
burned off = possible cause high
acid water; 1-2 feet x 2 in

EP-76-70 Trachytic neph syenite,
med gy; felt network of K-spar lathen;
contains neph plus small amounts CaF_2
as purple minute blots; green mineral
with \square outline = ? neph (?) rock
does not coexist w/ 685-150 ie 50 cps.
found as float along old logging road.
(two samples)

P2S probable organic containing
mixed gravel & plant matter itself

P2W pH 6; clear; 22%; 1 foot x 1"

P3W pH 6; spring @ base of
Bootjack Mt; 31° to Bootjack Mt
60%

P4W pH 6; clouded w/ organic

red on suspension; occurs as
a spring; Hillside grade 25%

~~P1W~~ 6.0 pH. clear water w/
total hardness: 120 mg/l
calcium: 100 mg/l
magnesium: 20 mg/l

~~P2W~~ Total hardness 120 mg/l
calcium 100 mg/l
magnesium 20 mg/l
pH 6.0
Total Dissolved Solids 120 mg/l
Total Suspended Solids 0 mg/l
Total Solids 120 mg/l

P52 pH 6.0
Total hardness 120 mg/l
calcium 100 mg/l
magnesium 20 mg/l

P50 pH 6.0
Total hardness 120 mg/l
calcium 100 mg/l
magnesium 20 mg/l

P3W pH 6.0
Total hardness 120 mg/l
calcium 100 mg/l
magnesium 20 mg/l

Oct 4/76

Cloudy, cool

Bootjack Lake

P5W -

small creek along road,
1/2 - 1' wide, 5% grade
to east (in ditch)

pH = 6.0, clear, road contamination
(?)

Exposed blocks of orbicular
neph. syenite

GAM I = 800 - 1100 cps

1063-1SL = 100 - 150 cps

P6W

- creek 6" - 1' wide, 18% grade
to southwest, pH 6.0,
clear.

P7~~3~~W

- creek 2-3' wide, 10%
grade to north - east,
pH 6.0, clear

P75

Silt - muddy sand, bank
material?, organic?

FP-76-71

- orbicular syenite:
Greenish grey, weathering
light grey, 5 to 75%
rounded feldspar clots
1 cm to 5 cm across,
equigranular medium to
course grained matrix
with 10-25% amphibole (?)

Flout → leucocratic
orbicular neph. syenite,
clots feldspar 80% ±
with finer grained matrix
of feldspar, amphibole (5%)
& nepheline. Some rock
with lesser "orbs" has
up to 75% greenish neph.

"Orbs" are concentric →
rolled

Some of matrix is trachytic
with magnetite xls up
to 5 mm across &
rare fluorite