

- SIAT
- SOIL
- ROCK
- EL.
- ~~500~~

BURMA CREEK TRVERSE

April 15/70

NOTE: QTZ-DIORITE = GRANODIORITE

673046

Quatern

1300 FIRST BRIDGE - above
 QTZ-DIORITE, MINOR SMALL DR
 INCLUSIONS, JOINTING NS0W, 30N
 MINOR PY, CP IN RUSTY FLOAT.
 SHEAR ZONE 15' WIDE WITH
 SHEARING NT0W, 20N; ABUNDANT
 DISS. PY & LESSER CP; RUSTY
 WEATHERING.

300' S - MONZONITE DIKE -
 SIMILAR TO A TYPE ^{ROCK} CARRYING
 SULFIDE MIN.

1400 JUST ABOVE MRN DIKE:
 WELL-DEVELOPED JOINTING
 IN QTZ-DIORITE - N75E, 82N.

B-1 SIAT SAMPLE - BURMA CR.

1450 **S-1** SAMPLE: M-CG. DIORITE
 W. MINOR QTZ - SIMILAR
 TO QTZ-DIORITE

1540 NARROW, BIO-RICH FG. DIORITE DIKE
 NE-STRIKING? ^{POF}
 A W. ABUND. DISS. PY, VERY
 MINOR CP; ALSO - A FEW
 SEAMS OF MASSIVE PO W.
 ACCESSORY CP. **(S-2)**

EL.

1620 **B-2** SILT SAMPLE
FROM SIDE DRAINAGE
(E SIDE) INTO BURMA CR.

1660 **B-3** SILT SAMPLE
FROM SIDE DRAINAGE
(E SIDE) INTO BURMA CR.
100' N OF BRIDGE #2
(RUSTY DRAINAGE CHANNEL)

1670 **S-3** QTZ-DIORITE @
BRIDGE #2, BURMA RD.

1760 **B-4** Silt - Burma Cr.
(6' across)

1800 LARGE XENOLITHS OF MAFIC-RICH
DIORITE IN QTZ-DIORITE MATRIX

1850 JOINTING N39W 88 SW
5' WIDE DIKE OF EPIDOTIZED
PINK GRANITE ALONG
FRACTURE DIRECTION.

2000 **B-5** Silt
DRAINAGE (W SIDE)
INTO BURMA CR.

2150 **B-6** Silt - Burma Cr
ON C.C. LINE April 6 77

2170 **S-4** GRANODIORITE
(1850-2170 - RUBBLE, NO O.C.)

2200 BRIDGE #3 BURMA RD.
O.C. GRANODIORITE

APRIL 15/70

EL.

2250

JOINTING ^(Sheeting) N45W, 30N IN

GRANODIORITE - SMALL SCATTERED
INCLUSIONS UP TO SEVERAL INCHES
IN SIZE, MATRIX RICH, #
F.g. dykes ALONG SHEETING

2370

B-7 Silt - BURMA CR
GRANODIORITE

2430

DIOR-MZ. BRECCIA. LARGE
LENGTHS (UP TO SEVERAL FT)
OF DIOR-PORPHYRY IN
GRANODIORITE MATRIX

2490.

JUST UPSTREAM - JOINTING ^{30N} N45W,
S5 (STRINGER) Diorite P (SPEC.)

MINOR GRANODIORITE
NARROW, CLOSELY-SPACED
STRINGERS CUTTING ROCK IN
GENERALLY N-S DIRECTION

2510

JUST W OF SUMMIT BEND IN
RD - SHEARED DIORITE
W. ABUND. DISS. PY.
ABUND. RUSTY APHITE FLOAT
W. DISS. PY. APHITE O.C.
AS NARROW DIKE

11

April 16.

TRAVERSE
UP BURMA CR
FROM MAIN
ROAD BRIDGE

EL.

410 MAIN RD, BRIDGE OVER
BURMA CR.

300' UP FROM BRIDGE: ~~S~~ ALTERED
DIORITE - EPIDOTE, UGROITE, K-SPAR
ALTERATION; SHEARED & FRACTURED;
VERY MINOR CU STAIN, TR CP,
MINOR PY; SOME SILICIFICATION

510 FROM SHEAR ZONE TO 510

(\approx 500') MG DIORITE W.
MINOR PY AS ISOLATE GRAINS
& AS NARROW SEAMS; TR
CP AS ISOLATE GRAINS;
K-SPAR ALT. MONO TINT
SHEARS.

530 MINOR, SMALL, MAFL-RICH
INCLUSIONS IN DIORITE

570 F.G. BASIL DIKE, ^{4' WIDE} N20E, 70W,
CUTTING DIORITE

B-8 ✓ SILT

580 MZ-P.

620 ~~DIORITE~~ DIORITE - CUT BY NARROW
FENSIC DIKES

LOOKING @ FACE OF FALLS



2.

660 ~~GRANDIORITE~~ (GD)

670 SMALL DK INCL. IN GD (5-6)

730 20' WIDE ^{RUSTY} SHEAR ZONE W.

ABUNDANT PY STRINGERS,

TR. CP.

780 (5-7) SHEARED GD W. INCL.

JOINTING - N30W, 40 N₄₀W

(B-9) SHT

930 ABUNDANT PY IN NARROW

RUSTY SHEAR ZONE IN GD.

990 CONTACT - MG. DIDRITE

(5-8) CUT BY NARROW ($\frac{1}{4}$ "

PARALLEL STRINGERS ~~STRIKING~~ STRIKING N-S

APPROX. MINOR DIS. PY.

LARGE HBL XLS (up to 1") IN

PLACES. DIDRITE ~~IS~~ FAIRLY

STRONGLY MAGNETIC (PENCIL MAGNET)

(4-15) ^{RUSTY} SHT FROM WEST

BANK

1090 BOTTOM OF HIGH FALLS.

MAJORITY DIDRITE, MINOR GD AS INCL.

MINOR

PO & CP IN NARROW (2')

RUSTY SHEAR ZONE

ON WEST SIDE, HYBRID ROCK

WITH CLOTS OF HBL + BIC + QTZ +

EPID. + PY

April 16

EL

1330 TOP OF FALLS - ~ 300'
BELOW BRIDGE #1 ON BURMA RD.
LIGHT COLORED QTZ-DIORITE
W. SMALL DK INCL.

100' BELOW BRIDGE - S-9
QZ-DIORITE (?) → GRADATIONAL: DIORITE → GRANODIORITE
NARROW (1') SHEAR ZONE (N-S STRIKE)
WITH ABUNDANT DIS. CP (VERTICAL DIP)

EL JONES CR.

1150 W OF LOADING DECK
GRANDIORITE W SMALL DK INCL.
SHEETING - N70E, 40-55N
JOINTING - N70E, 35S

1300 200' W OF JONES CR -
INITIAL POSTS JONES 374
FINAL POSTS JONES 576

1710 #1 POSTS, JONES 576
#2 " " 778

1330 400' ABOVE LOADING DECK
J-1 ✓ REDDISH SOIL
GRANDIORITE

April 17

TRVERSE
DOWN
BURMA CR

EL.

410

MAIN RD, BRIDGE OVER BURMA CR
50' BELOW BRIDGE - F.C. BASIC
DIKE (N20E 90°) CUTTING
DIORITE

310

NARROW STRINGERS IN DIORITE
(N40E, 90) WITH NARROW
SEAMS OF CP, PY IN
ADJACENT ROCK (S-10)

EL

310 → DOWN, BIO-RICH DIORITE

350

(S-11) BIO-RICH DIOR, MINOR
SEAMS OF PY.

(B-10) SILT

50' BELOW - SMALL Rusty (P)T
Lenses WITH MINOR CP;
MINOR DIS CP. IN ADJACENT
ROCK.

210

END OF D.C. LIGHT. COLORED
QTZ-RICH MZ (?) (S-12)
some DIS. PY.

200

SILT (B-11)

150

~ 300' FROM QUATAM R,
(Q-16) REDDISH-BROWN SOIL
FROM EAST BANK.

EL. MOUTH OF Copper Cr.
220. (C-1) SILT; RUBBLE IN
CREEK BED.
570 LOWER RD. 220-570 RUBBLE
850 (C-2) SILT; RUBBLE IN CR.
950 E SIDE OF CR - FINAL
POST CYNOE 5#6
1000 BRIDGE - UPPER RD.
No D.C. FROM MOUTH
UP TO BRIDGE

— || —

~~300~~
530

BIG SLIDE, NEAR
QUATAM RIVER -

GRANITE (PORPHYRY) - (S-13)
CHALKED STRINGS & FRACTURES N10E, 85W
(Q-17) REDDISH-BROWN

SOIL FROM E BANK OF
SLIDE. ~~At~~ 20' S OF
CLAIM LINE.

EL

APRIL 18

TRAVERSE
UP SKY CR.

950 BRIDGE

50' UP FROM BRIDGE

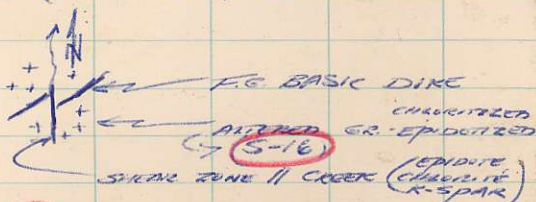
BIO GRANITE CUT BY

2' WIDE BASIC DIKE, N45E, 90

100' UP FROM BRIDGE

N72W, 90
1/2" MZ DIKE, CUTTING BIO GR.

1220



1290 (S-17) ALTERED GR. EPID. CHL. K-SPAR

1510 JOINTING IN ALTERED GR. - N70W, 45N

1870

(S-18) GRANITE (ALTERED & UNALT.)

2070

(S-18) STILL GRANITE

2260 BASE OF CLIFF - JUST E OF CR. STILL GRANITE

NO IRON FOUND 950-2260

GOING N ALONG

BASE OF CLIFF

2270 (S-19) GR. IN CR BED.

PRECIPITOUS CR BED

FROM HERE UP

2000' ^{EL.} BELOW ROAD @

WASHOUT - GR. - (S-20)

↳ JUST E OF Rainproof
RUSY KNOLL

AIR PHOTO
LOCATION

April 20

(1)

TRAVERSE UP C.L. APRIL 5-14

A. GRANODIORITE (BIG-RICH)

EL. 2770 INITIAL POST APRIL 5 & 6

(S-21)

GRANODIORITE - SIMILAR
~~POST~~ TO JONES CR.
GD.

3700 (ED-EL 3620)

B EL. ~~1000~~

INITIAL POST APRIL 11 & 12

ABOUT CENTER OF RIDGE

100' W, GRANITE (S-22)
GRANODIORITE

INITIAL POST APRIL 13 & 14

EL. 3930 (ED-EL 3860)

FINAL POST, APRIL 13 & 14

EL. 4160'

EL. 4020 BASE OF

KNOB - E SIDE

(100' S OF C.L.)

BIG GRANITE (S-23)
GRANODIORITE

BURMA KNOB - A 3560

GRANODIORITE

GRANITE (S-24)

SIMILAR TO

320 Pacific Rainproof
JONES CREEK GD.

INITIAL POST

CAP 677

EL 2680 (ED. EL 2720)

100' E. F.G. GREY

~~GRANITE~~ ^{DIORITE} ~~GRANITE (?)~~

Porphyry. PINK

S-25A

GRANITE (DIKE?)

S-25B

GEOLOGY APPEARS TO
INCREASE IN COMPLEXITY
~~WITH~~ WITH DECREASE IN
ELEV. (IN A NORTHERLY
AND WESTERLY DIRECTION)

0-500' pink
CRING W ALONG CL. GRANITE

~500' W OF POST

RUSTY CLIFF - RUBBLE
IN SLIDE - F.G. ^{GREY RUSTY} MZ

W. MINOR py & TR CP.

EL. 2260 - FOLLOWING

E SIDE OF SLIDE.

SMALL RUSTY LENSES
IN GREY MZ W. ABUNDANT
py RUSTY ZONE IS ONLY
A FEW FT ACROSS.

APRIL 20

(2)

EL 2070 115' E OF
INITIAL POSTS AC 3#4
GREY ~~HTZ~~ ^{DIORITE} PORPHYRY (S-26)

EL 1810 SLIDE AREA ABOVE
BURMA RD (CLEANED OUT
SLIDE) F.G. GREY ~~HTZ~~ ^{DIORITE} (S-27)
~~HTZ~~

BASE OF CLIFF ABOVE INITIAL
POST AC 1#2
EL 1720 ~~HTZ~~ ^{GRANDIORTITE} (S-28)

46N/35W EL 2310

50N/42W EL 1890

56N/47W EL 1780

70' W OF LOCATION OF

CHIP SAMPLE (G)

@ EAST END OF KNOLL.

OVER →

ODOMETER RDG.

DESCRIPTION.

39.85	Going W ↓	END OF RD BR-57 PAST KNOB & WASHOUT
40.10		WASHOUT
40.15		KNOB
40.40		BRIDGE
40.55		FORK
41.35		BURMA CR. BRIDGE

FL

①
April 21

TRAVERSE up
Copper CR
FROM BRIDGE

1050 Upper BRIDGE
200' up FROM BRIDGE - PINK GR

1180 PINK GR. BOTH SIDES OF CR.

(S-29) ON ~~EAST~~ ^{WEST} SIDE,
NARROW RUSTY SILICIFIED
SHEAR ZONE W. PY.

1260 JOINTING IN PINK GR

~~1260~~ N54W, 75 E

Just upstream - narrow,
rusty ~~py~~ ^{APLITE} DIKE ⊥ STREAM
W. ABUNDANT PY.

1270 JOINTING IN PINK GR

N54W 70 N

N54W 33

N45E 90°

1350 200' ABOVE SOIL SAMPLE LINE,
200' BELOW FOX CANYON 'SHOWING'
W SIDE OF CREEK - 30'

RUSTY, SILICIFIED
WIDE SHEAR ZONE, N30E, 80 N

CP & MT ABUNDANT AS
DIS & SEAMS.

30' SAMPLE, 5' SECTIONS

(K) 0-5, 5-10, 10-~~20~~¹⁵, 15-20, 20-25, 25-30

~~0~~ ZERO POINT ON N SIDE.
(SOME LEACHING
OF SUCCIDES)

OVER →

SHEAR ZONE IS NOT CONTINUOUS ACROSS CR - PINK GRANITE ON E SIDE - EVIDENCE OF FAULTING ALONG COPPER CREEK

COUNTRY ~~FK~~ ON EITHER SIDE OF SHEAR ZONE IS PINK GR.

1440 BOTTOM OF BOX CANYON FALLS: PINK GR. W. SOME BRECCIATION &

SHEARING. MINOR Cp IN GR. AS ISOLATE BLEBS (S-30)

1550 ABOVE FALLS. PINK GR (S-31) BETWEEN BOTTOM & TOP OF FALLS, E SIDE OF CR -

ALTERED GRANITE. WHITE, MAFICS ALTERED TO CHL, SOME BRECCIATION, INCLUSIONS THE PINK GR IS

GRADATIONAL INTO WHITE PHASES IN PLACES

1610 (S-32) G.G. ^{GRANITE} ~~GRANITE~~, ^{MORE} POSSIBLY GRANODIORITE

(INCREASE IN PRAGIOCLASE), SOME PINK ~~PORTLAND~~ PHASES

EL

April 21

1740 Bottom of 200' Falls

@ Fork - Granite (S-33)

MINOR SPECS OF PY & CP

JOINTING N²⁰W, 38E

N70E, 68N

APRIL 22

- S-34^A ~~B~~ DIORITE ~~+~~ GRANODIORITE
- S-35 GRANODIORITE
- S-36 DIORITE porphyry
- S-37 GRANODIORITE
- S-38 GRANODIORITE
- S-39 SILICIFIED, MINERALIZED ROCK
- S-40 " "
- S-41 APLITE
- S-42 GRANODIORITE
- S-43 GRANODIORITE

450N

STA

April 23

TRAVERSE ALONG

450N, GOING W
FROM COPPER CR.

58W EL 1290 PINK GR. - A FEW
ISOLATED GRAINS OF py & cp
IN THE GR.

60W EL 1360 RUBBLE Slope.
RUSY FRAG. SHEARED, SILICIFIED
WITH ABUNDANT DIS py + cp

EL 1550 @ BASE OF CLIFF

N 200' S OF STA 62W -

PINK GR. WITH SCATTERED

SPECKS OF py & cp (S-44)

EL 1500 DUE SOUTH OF
IN RD.

FORK JOINTING IN

PINK GR. N72W, 85N

N35E, 90

EL
1430

NISE TO FORK IN RD

CONTACT - PINK GR TO

GRANODIORITE

EAST, ~~GRANODIORITE~~ TO

WEST

(S-45) SAMPLES OF
BOTH →

THIS LOG IS Rainproof

SAME AS END OF TRAVERSE April 22

^{Copper}
BETWEEN CR & CONTACT

ABUNDANT RUSTY
SILICIFIED RUSTY FRAGS.
WITH PY & CP. THESE
WOULD BE FROM
SHEAR ZONES SIMILAR
TO THOSE OBSERVED
~~IN~~ IN OUTCROPS.

ALSO - ~~NUMBER~~ A FEW
SPCS OF PY & CP
ARE PRESENT HERE
& THERE IN THE
PINK GRANITE

||

QUATAM PROPERTY - SAMPLE LIST

SILT B-1 TO B-11

SOIL Q-1 TO Q-17 (NO Q-14)

ROCK S-1 TO S-45

↓
+ J-1