

TJ-354

673266

Aug. 18/71

COSMAT GROUP  
94C/4E

TJ-355

- 50 feet west grid  
from 125+4W
- 20 feet across, 75 feet high  
to side of mountain - looks  
valley between them
- fine grained (possibly)
- brittle, fold zone 50%  
of rock, grey
- can distinguish inclined,  
grains
- some phase more  
microscopic - epitaxial in  
spots

TJ-356

145+4W

- 30 feet diameter - hill top
- same

TJ-357

- 16S + 4W
- 50' diameter.
- hill top
- little feldspar blebs in spots
- coarse. changes from massive to areas of more coarse grained (still fine grained), more feldspar
- epidote along fractures
- remnant argilliferous
- essentially same rock type.

- at 20S + 00W - creek begins out of talus 100 feet east

TJ-358

~~20~~<sup>19</sup>S + 2W - 10 ft diameter

- little more feldspar

- hornblende phenocrysts

- epidote

- some chloropyrite

- some malachite

- very fine disseminations  
around hornblende

TJ-359

30S + 11W

50 feet diameter

- little green malachite

- same rock type, some gneissosity  
best shown by epidote

40/90

- 50-50 feld. mafic

TJ-360

- argente phenocrysts

- slab to be floating in feldspar  
matrix 60-40

- 30+12 → 20 feet wide, 200 feet  
long

long

TJ-361

- massive black

- little feldspar except in  
zones

- little specks of pyrite

- some epidote

32 ft + 3W + 50 feet south

10 feet in diameter

TJ-362

- 32 ft + 6W = 10 feet

- elliptical 160 feet by 10  
starts above line

- hornblende phenocryst  
in med - fine grained grey

rock - higher part  
feldspar mostly green  
due to epidote

- surface with notched

- little specks of pyrite?

- some zones of pyrite in 90% feldspar

TJ-363

- 32 ft + 3W - to west of line

- 10 feet diameter

- some

- lots of epidote

Aug. 19/71

TJ. 364

- 325 + 4 W - 10 feet

elliptical across line

30 feet by 10'

- sometimes massive

Mass - sometimes feldspar

in layers (bedding?)

165/75 E

- small disseminated

sulphides - impossible to tell

what type

- sometimes porphyroblasts

phenocrysts with feldspar

layers ~~set~~ around  
them

TJ-365

- 37.5S + 1.5 West, 10 feet diam.
- very stellige med. grains
- 65% feldspar
- specks of pyrite (?)

TJ-366

- light 9. mafic
- hornblende phenocrysts
- feldspar 30%

sample

36S + 8W - 10 feet diameter

- some colt in film on surface

TJ-367

- 20 feet diam.
- massive black rock
- hornblende phenocrysts
- 36S + 10W to W of sample

TJ-368

- black very fine grained
- volcanic
- large phenocrysts

41S + 5W

75 long 20 wide  
elliptical

TJ-369

435+1W

-75' - 15 elliptical

- feldspar blebs in matrix of hornblende + other minerals - (50/50; lumpy/matrix)
- sample

Aug. 21/71

TJ-370

- massive, black, hornblende phenocrysts
  - v. little feldspar
  - 10 feet down
- 475+12W

TJ-371

- hornblende fine matrix
- with beginning of feldspar blebs
- very small blebs of sulfides (probably chloro?)
- 485+6W
- starts here - elliptical

cross valley

- 200' x 20' just below  
line

- increase of feldspar

as you move East

- also increase of sulphides

TJ-372

- sample on other

side of ellipse

- more chlor

- increase in epidote

& a little pink feldspar  
as well as sulphide

TJ-373

- another elliptical blob  
center at 505+3W trending  
toward 525+00W plug

- 150' by 70'

- little malachite seen  
on one surface

- little sulphides but  
seem to be less than last  
outcrop



20/48

- increase in feldspar to about 65%
- med. grained rock
- mafic become richer in biotite
- pink feldspar 20%
- preferential feldspar alignment about 20/40 E
- could be collect <sup>hydrate</sup> granodiorite

TJ-374

- little more fine grained
- increase in mafic (see attached)
- 525 + 2W
- 50 feet diameter
- <sup>very</sup> little self-jules

TJ-375

- could outcrop 730 feet to NE of 48 St 00W
- 5 feet diameter
- med. grained

hybrid

granodiorite - g/b diorite

- no sulfides

- biotite, (60/40)

TJ-376

- bottom extent of outcrop  
from before 50 feet N

• some - a couple of  
small pockets of chalcite  
52S+4W

TJ-377

- 30 by 10 feet flat and  
above line at center

52S+5W

• - round feldspar phenocrysts  
in grey matrix fine grained  
(50/50)  $\gamma$  matrix, feld.

- called it a dip. lat line

- fine disseminated sulfides

- SAMPLE

TJ-378

- very mafic phase
- slightly recrystallized
- fine grained (20/30) (4/4 mafic)
- 57S + 7W  $\rightarrow$  50' x 10'  
slightly almost flat to line  
little more sweet

TJ-379

- 30 feet up creek from line  
56S + 5E
- 10 feet diorite
- hybrid med. grained diorite

~~Aug 22/71~~  
Aug 22/71

TJ-380

- 84S + 9.5E
- 10 feet + 2 feet out crop
- creek bed
- couple of small spots  
of diorite

- medium grained  
hybrid diorite
- little epidote - ossoid  
with sulfides
- sample

TD-386

- outcrop 100 feet up creek  
bed starts 10 feet below

BOST 12.1 E

- med. grained diorite
- epidote + k-spar alteration
- couple of specks of chloropyrite
- bit of pyrite on one fracture  
face
- just about every  
piece has some very  
fine specks of chert
- gneiss 290/385

Aug 23/71

TJ-382

- 76S + 14.75E - off diomede

- outcrop in stream bed
- fucking pouring
- hybrid non gneissic  
granite  $\rightarrow$  diorite
- no bx noted
- fair amount of epidote alteration
- phases with up to 75% mafic  $\rightarrow$  hornblende + biotite

TJ-383

- 84S + 11.5E - 10' diam.

- quartz granitic diorite
- (60/40) (mafic/diorite)

Aug 29/71

Up river gully  
- almost continuous  
outcrop from bottom  
up

TJ - 384

- hybrid diorite
- little specks of chalcedony
- biotite more common  
than hornblende
- some phases more  
mafic
- bottom of creek

TJ - 385

- essentially same
- slight increase in  
biotite - little more  
mafic but ~~probably~~  
just local  
400 feet up

TJ-386

- 500 feet up
- ~~with~~ ~~large~~ ~~crystals~~ ~~of~~ ~~quartz~~
- with pair and of quartz
- basic xenoliths not far from it
- highly altered gneiss

TJ-337

- 700 feet up
- rock showing more K-spar attraction going up creek
- couple of large specks of chlorite in area of K-spar veinlet ( $\frac{1}{3}$ " )
- epidote also
- but generally the rock just has a few scattered chlorite specks

TJ-388

- 800 feet up at
- large water fall
- same rock type
- open cracks filled
- with ? <sup>calcite</sup> ~~gypsum~~ & ~~clay~~
- small x-tals - pink
- rock crumbly but
- keeping quite fresh

TJ-389

- 1000 feet up
- gypsum along with
- clay

TJ-390

- 1100 feet up
- couple of quarters of chert
- in same rock
- maybe little more
- alter



TJ-391

cut 725 + 2E

- same rock, more

alters  $\rightarrow$  K-gran

- melanite

- some chloro in

small zone very

alters rock

- rainier as usual!

TJ-392

- 50' farther

- few green chloro.

- like this in most

rocks you work

TJ-393

- continue up to

before but you

get high % of mafics

- till you get zone

of feldspar plus in

mafics - still little chloro

TJ-394 - chloro in epidote

186 feet up 30 F Pacific Rainproof practices

TD-395

- rock gets more complex
  - mica intermixed with  
magnetite and zones of  
crude grained mica
  - some in hole by
  - still more specks of chabazite  
150 feet up creek
- 705

TD-396

- mica-like stain on  
rock
- - small zone of chabazite  
but seems to be a  
plastic feature only  
4" thick - little on  
either side
- 69s + ~ E
- more K-spar alteration

TJ-397

- 66 St?

- little melinite on  
rock

- several pieces with  
a lot of copper (orange)

- most only a few specks

- quite a bit of K-spr

- up from this 20 feet or  
there appears to be  
a horizontal shear zone  
in ore bed ?

TJ-398

- 645

- more chetro  
in rock

- med. grains brown

TJ-399

- much less  
massive - they are  
found in crystal  
lath instead of  
massive
- med. grains
- very little quartz
- even a couple of  
specimens of  
sample
- from 60s where  
outcrop starts down  
about 100 feet to  
south

TJ-400

- rock at end of  
60s line to east
- med. coarse grains
- very high in mafic
- lot of xenoliths  
of mafic rocks  
down