

①

MAY 11/70

019512

① Hb. grano. - 0+00 B.L. @ 40+75S

② dk. green qtz. diorite - (moly. min. ??).

E. side of creek. \approx 100' above

moly. H₂O sample + swamp.

③ Home granite 100' S. of str 43+00W

on 0+00 line.

(2)

MAY 12/70

Vina Claims Grid #1

1" = 400'

Weather: $\approx 60^{\circ}\text{F}$ - 4/10 overcast - winds 0-5 mph.

S.W. Corner of Grid.

Line 56+00 S - no. o.c. from 34+00 W to 60+00 W.

① H₂: angular boulders $\approx 2' \times 1' \times 2'$; frost heave (?).

H.S.:
H. gr. f. gr. bio. granite, equigranular.
m gr. bio slightly foliated; Fe weathering surrounding biotite.

Note Post 2 Vina 148 } @ 48+75 W on line 48+00 S
Post 2 Vina 147 }

^{L 48+00 S}
② [@] 46+50 W. ang. boulders 1' x 1' x 2' (exposed by uprooted tree)

H.S. possibly frost heave.

H₂: med green to greenish-pink. - f. to m gr.

equigranular - varies from 15% to traces of biotite.

angular. float(?) boulder. - 1'x1'x1'
- greenish-grey. - Hb gran. - slightly

(3)

foliated - 40-50% Hb. - c.gr.

f.g. f.g.
10-15% qtz. - 10-15% biotite

Line 24+00S @ 36+00W.

(4)

angular boulders 2'x2'x1' frost heave

H.S.

f. to v.l. gr. bio. granite; equigranular.

H3

10-15% bio. non-foliated

Line 24+00S @ 40+00W.

(5)

O.C. (small cliff.) 10' high X 100' long.

H. greyish-brown f. to v.l. gr. granite

traces of bio. - 10% 1mm to 2mm X feld.

H.S.

H4

phenocrysts.

dike rock?

Line 24+00S @ 45+00W.

(6)

angular boulders. - up to 2'x2'x3' - probably close to
being in place.

to here
along
24+00S.

Same as H.S. H3 - showing more reddish
brown specs. (weathering of biotite?)

③ MAY 13/70

60°F. - 10-15 mph. Wind - 8/10 Overcast.

⑦ Line 24+00 S @ 7+50 F.

ang. boulder. 2'x2'x3'

C.S. c. gr. salt+pepper. Hb. grano.

Hb. pheros. up. to 10 mm.

40% mafic-s. (< 5% m. gr. bio.)

10% to 20% qtz.

⑧ Line 24+00 S @ 9+00 E.

ang. boulder. 1'x2'x2'

C.S.

qtz. diorite - dk. green - 50% Hb

10-15% qtz. - m to c. gr.

⑨ Line 24+00 to 26+00 ≈ 11+00 to 14+00 E.

frost heave ang. boulder. - up to 3'x3'x4'

H.S.

H5

c. to m. gr. S. & P. Hb. grano.

≈ 40% mafic-s. < 10% biotite

slightly foliated.

(10) Line 32+00S @ 7+00E.

ang. float boulder 1'x1'x2'

C.S. some lithology as (9) with 5-10% less
matic.

(11) 50' N of 32+00S @ 5+00E.

O.C. on stream cut wall.

C.S. irregularly sheared & fractured.

H.S.
Hb. Hb. grano. m. to c. gr. - as (9) - epidote
along fractures.

(12) Line 40+00S @ 1+50E.

C.S. ang float 1'x2'x2'

hb. grano

(13) Line 40+00S @ 3-4+00

C.S. ang. frost heave boulder - probably in place.
Some as (11) - with epidote along fractures etc.

(4)

(14)

LINE 40+00S @ 6-7+00E.

C.S.

frost heave bould.

S.K.R. - Hb. grano. with epidote

(15)

LINE 40+00S @ 8+00E

C.S.

frost heave. - as above (no epidote -
no fracturing - increase in bio. to 10-20%
(slight foliation)).

(16)

- 300' @ 195° from strn 7+00E on L40+00S.

O.C. 30' x 10' - Hb. grano.

H.S.
H7.
✓

Major Joints: N77°E. - 65°S.

N25°W - 82°NE.

N55°E - 81°S

V.C. gr. Hb. phenos. - 10% bio.

fracture with slickensides - chloritic
alteration? - traces of epidote.

(17) LINE 48+00 @ 10+00W.

C.S. c. gr. Hb. grano - with 15-20% bio
frost heave boulders (?).

(18) (see map) frost heave area c. gr. s+p.

Hb. grano. < 10% bio.

(19) Hb. grano. with argillite (?).

H.S.

H8

(20) all along L 56+00S from 10+00W

down to about 24+00W. - Hb.

grano float + frost heave

@ 21+00W - K feld. - etc m gr rich

veins up to 3" wide in the Hb grano.

also scattered v.f. gr. garnet.

(5)

MAY 17/70 - Villa #1

Overcast - scattered showers - wet.

L16+00S @ 24+00W.

(21) slide holder - angular.

1t gy. f-gr bio granite - <10% 2-3mm.

K fld. phenocrysts.

L8+00S 41+00 to 44+00W.

(22) frost heave boulders.

1t gy. f-gr bio granite - slightly fol.

(23)

L8+00S 34+00 to 28+00W.

frost heave ang boulders.

m. to c-gr. Hb. grano. - S.P. <5% bio

15% 20% Hb.

*Hb. grano - containing veins + inclusions

of. f-gr. dk. gy. bio gneiss - strong foliation

>30% bio.

(24)

L8+00S 28+00 to 22+00W

frost heave boulders.

predom. Hb. grano. - also f-gr. bio granites

f-gr. bio gneiss.

@ 22+50 f to m gr. bio. gran predominates.

(25) from (24) to B.h. (3000w) @ 2003.

Hb. grano frost heave. - traces of magnetite + epidote along joint surfs.

(26) L0 3100w to 3400w.

frost heave. f. gr. H. gy. bio granite

(27) L0 35 to 37+50w.

same - traces f. gr. garnet.

^{few.}
a₁ boulders of Hb. grano with veins(?) of

f. gr. Hornblendeite.

(28) L0+00 40+50 → 41+50w.

frost heave boulders.

H. gy. bio granite. - one boulder.

with py min. along g₁g₂ filled fracture.

also traces f. gr. py disseminated in the granite.

Hornblendeite with traces py. - dk gy.

v. f. gr. Hb. ground mass - m. g. H. gy. K. feld phenoc (m. gr.) - anhedral.

H5.
HA
/

⑥

MAY 19/90 - VINA CLAIM GROUP.

MAPPING ALONG CLAIM LINES

(from Creek.)

- ang boulders.

① 125 pcs. bio granite - weathers pinkish gray.

lt gray. fresh.

30-40% qtz. - 30-40% white feld.

- traces of Hb.

<25% bio. - scattered rusty patches.

f. to m. gr. crystalline texture

② 230 pcs. - Claim Posts. Vina 7 - Post 2

13
115

✓	8	✓	2
	9	✓	1
	10	✓	1

bio gran - ang. boulders.

③ + 261 pcs. - ang. boulders on SW slope.

grey weathering - greenish gray.

25-30% purplish qtz

30-40% greenish appearing feld

matic (≈30%) - biotite altered to chlorite

chlorite in fractures <1mm.

H.S.

H10.

f. to m. grain crystalline - appears silicified

180
170

(4) 285 pcs to Posts 9, 10, 11, 12 - creek
bottom. -

(5) +185 N.W. facing slope.

H. greyish-buff. 40% feld.

H.S. silicified - leached pits with limonite

H11 clay alteration mins.

(6) 220 pcs. same as (3) - qty % age varies

from 30% to 260% - some 5-10mm.

cahedral x'tals.

- (7) 305 pcs. Posts 11, 12, 13, 14.

(8) +105 pcs. S.W. facing slope.

O.C. 150' x 10' Hb. grano.

weathers s+p grey. - greenish grey

c gr. - foliated.

H.S.
H12 20-25% Hb - < 10% Dio

20% qty 40% feld. - minor muscovite

trace of epidote along minor shear planes.

creek @ 123 pcs.

1.

⑨ 240 pcs. N.W. facing slope

ang. boulders. as ③

blebs of epizone throughout

gr. size of Hb. smaller

Min staining - no visible muscovite

⑩ @ 325 Posts. 13, 14, 15, 16.

⑪ O.C. Hb. grano 200' S.E. of Posts.

C. gr. S.Y.P. appearance - some staining

→ from ⑪ to Posts 15, 16 @ 305 pcs.

①

no. large boulders - a few small

ang foot boulders. same as ⑪.

Bearing 075°

@ 208 to 215 pcs. Hb. grano boulders.

⑫ From 460 pcs to 490 pcs. (S.W. Trending creek drain)

yellowish to reddish weathering - buff colored.

H.S.
H13.

f. gr. rhyolitic - felspathic rock - locally

with mgr quartz eyes - Fe. weathered

pts - (calcic) - traces Fe min.

²
2 posts for. Vira 31+32 @ 624 pcs.

(13) + 204 pcs. Hb. grano - group of small (2'x2'x1')
ang. boulders near top of ridge.
gneissic structure.

³
@ 310 pcs. Posts 29, 30, 31, 31

large ang. boulder on top of ridge.
well foliated Hb. grano as in (13)
from posts 40-120 - Hb. grano.

(14) + 120 pcs - a few small pieces

felsite dike rock - purplek - buff ground mass
m. gr. feld. and. Hb. laths.

(15) @ 260 pcs. bio. granite boulders.

grayish-pink - f. to m. gr.

Same rock as in (14)

⁴
@ 299 pcs. Posts 27, 28, 29, 30.

+ 250 - area where bio granite slightly more

siliceous - higher % of Qtz. - Qtz. slabs up to
4mm. - feldspar has a greenish tinge

(8)

^s @ 325 Post. 25, 26, 27, 28.

(16) +160 to 170 pcs. lg. ang. boulders of bio granitic
m. gr.

- bio granite along line.

' @ 328 pcs. Post. 23, 24, 25, 26.

@ 45 pcs. Stn. 37E. @ 272N.

~~draw at~~

9. May 20/70 - Vinal Clam Lines.

17. From Post 27, 28, 29, 30 @ bearing 075°

@ 300 pcs.

bio gran boulders. - trace of small float of
rhyolitic dyke rock. - same as (12)

18. From Post 31, 32 @ bearing 075°

@ 339 pcs.

H.S.

H.H.

(Hb. Crans along line)

butt weathering - lt. grey fresh

v.t. gr. - massive, x-tal line - feldspathic

rock - scattered rusty pits with

(py. x-tal remnants?) - traces of f.g.

Hb. or chlorite.

19. From Post 33, 34 @ bearing 075°

lt. grey boulders - some stringers of

feldspathic chlorite and f.g. - present traces

containing py. and f.g. - rusty pits

MAY 21 - Vind CLAIM LINE GEO

(19) E. @ bearing 082°

35 pc. SA FROM claim line ? S. of. Post 33, 34.

small float boulders.

H.S.
OH15

lt. gray f. gr. bio grains.

20-25% f. gr. bio in veinlike concentration

showing a cleavage foliation

patches of rusty weathering.

(20) 100 pcs. O.C. trending N30E. - ~25' wide - 50' long.

(dike?) dk. gray - f. gr. - massive

H.S.
OH16

50-60% Hb.

(21) down E. facing slope - bio grains as 19.

H17 to creek at 320 pcs.

(22) 386 pcs large ang. boulders.

v. f. gr. Hornblende - veins & stringers of

greened feldspathic mat l. - aphanitic - containing

cpq. & py. min.; rusty patches.

790 pcs to claim line.

(10) along claim line from traverse intercept.

(23) 80 pcs. 5' x 15' patch of rubble.

orange weathering - bluish buff.

felsite - rusty weathering - f. gr.

H. 18.

leached rusty pits

216 pcs. Posts 51, 52, 53, 54. ↓

(24) + 167 pcs. slumped o.c. on large frost heave.

c. gr. dk. greenish grey hornblende

H. 19.

15-20% feld. - traces py and/or cpy. min.

294 pcs
Posts 53, 54, 55, 56.

(25) + pc. 61 to 90 - slumped o.c. on frost heave (S.W.)

spicy slope

H. 20. varies from m.g. to c. gr. hornblende

rounded feldspar eyes - traces of sulfite min.

(26) + 150 to 140 ≈ 100' W of line of S.E. spicy slope.

O.C.

yellowish buff. - felsite < 5% f. gr.

rounded qtz. eyes - rusty pits & patches

H. 21.

outcrop weathers platy

draw at 190 pcs.

- (27) @ 211 pcs.
float boulders on spur west of the creek
draw

greenish grey spherulitic siltite

H22

v. f. gr. to f. gr.

rusty weathering - flow planes.

1 to 2 mm wide.

creek draw at 220 pcs.

- (28) 240 pcs. talus. - filite as (27)

260 pcs. Posts. 55, 56, 57, 58.

+ 47 - creek draw.

- (29) 76 pcs - var. talus boulders.

yellowish-grey ssp. bi-granitic

H.S.
H23

rusty weathering

same to

285 pcs. to Post. 57, 58, 59, 60.

- (30) + 100 pcs. (near bottom of S.E. facing slope)

small talus fragments - pinkish buff

- v. f. gr. filite - rusty weathering

① rusty pits. - m. gr. qtz blebs.

creek @ 130 ps. - float in creek

felsite as. (26) + (28)

bio gran as. (29) up N.W. facing slope

@ 320 ps. Posts 61, 62, 63, 64. (?) ← washed away.

③ +38 - 42 ps. talus frag. on bench
on N.W. facing slope.

rusty pitted f. gr. felsite as.

26 + 28.

③ +96 bio gran float boulders.

m. to c. gr.

bio gran along line

@ 286 ps. Post 61, 62, 63, 64

+52 - minor creek draw (running).

③ 290 ps. Post 63, 64

bio-granite. - f. to m. gr.

HS.

H24

Traverse West claim line @ bearing 262°
520 per. to claim line - 112 per. N. of

① Post 47, 48.

(bio gran. along traverse)

N from Post 47, 48.

+218 Creek draw

② @ 259 Post 47, 48, 45, 46.

③ @ +235 Post 43, 44, 45, 46.

+160 per. creek

④ @ 276 Post 41, 42, 43, 44.

+248 bio gran. float - sub rounded -

⑤ @ 290 per. Post 39, 40, 41, 42.

+35 per. creek

⑥ @ 275 Post 37, 38, 39, 40.

⑦ +72 - bio gran boulder

bio gran along slope.

⑧ @ 305 Post 35, 36, 37, 38.

(12)

Inverse from Post to Creek @ bearing 210°

big gran float down slope

Creek @ 225 p.s.

(13) MAY 23/70 VIÑA CLAIM LINE MAPPING

FROM CREEK W. of CAMP Along Claim Line

+110 ps - m. gr. biogranite.

x 155 ps. Ports ^{#2 #1 #2 #1} 213, 215, 214, 216.

+178 ps. L72+00N @ 6+40W.

245 ps L96+00N @ 7+85W.

x 263 ps. Ports 215, 216, 217, 218.

+66 L80+00N @ 8+00W.

91 @ creek.

159 ps. L177C 84+00 @ 10+00W.

crosses creek @ 185 ps.

x 272 ps. (E. side of creek) - Ports 217, 218, 219, 220.

+38 ps. L92 @ 11W.

203 ps. L190 @ 12+20W.

x 259 ps. Port 222, 221, 220, 219.

1145 - road @ creek junction.

@ 253 L 116 @ 12W.

m. gr. bio
granite
along
road.

x 285 ps. Post. 221, 222, 223, 224.

+180 ps. L 124 @ 13+50W.

x @ 313 ps. Post 223, 224, 225, 226.

f. gr. bio gran. - c. gr. qtz. anhedral

H26. Xstals.

+125-145 ps. Bio gran. - large ang. boulders on
slope - varies from f. to m. gr. pink

H27 → alashite to m to c. bio gran. with
c. gr. qtz. stals (with dk. bluish
metallic lustre).

x @ 325 Post 225, 226, 227, 228.

(note bearing of column line x 3150)

+100 - subrounded small boulders - on

H28. gradual slope near top of ridge.

(14)

med. gray - bio grains - f. gr. - foliated
- patches of rusty weathering - equigonal

@ 270 ps. Post. ⁽⁹⁾ 227, 228.

+90 ps. Posts 1 - 241 Post 2 - 228.

1 - 240 2 - 227.

bio grains on ridge N of posts.

Inverse across claim line

@ 553 ps. Lge. ang. float boulders.

cg. Hb grains. - v.c. gr. Hb phenos. - subhedral.

H 29 - inclusion f. gr. bio grain - ^(low slope) - v. magnific
rich > 50%

✓ N. End of claim line. Post 2 of 197, 198.

Bearing 346° @ N. End.

✓ +246 ps. ^{Post} 197, 198, 200, 199

+65 bottom of lge. ang. bould rubble pile
at summit of ridge.

H 30 97 ps. - m. to c. gr. grey. Hb grains.

poorly foliated - patches of rusty
weathering - subhedral c. gr.

Wb - < 5% m. gr. bio.

- some boulders appear silicified -
less mafic - greenish-blue tinge.

245 ps. - as above

N31

↑
@ 298 ps. Posts 199, 200, 201, 202.

Wb. grain boulder to about 420 ps.

+530 ps. Posts 203, 204, 205, 206

+23 ps. on S.E. facing slope - ^{foot} sub-avg. boulders
of bio granite.

55 ps. avg. boulder on slope - m. gr. bio
granite with purplish qtz. x tals.

99 ps. S.E. Trenching nose (into creek

tributary) yellowish buff - f. gr. - feluite
scattered rounded qtz. x tals -

rusty pits - < 10% m. gr. mafic (bio?).
blocky weathering - few planes

- 100' upstream + to the W. another nose - and similar felsite.

213^{o.c.} per. felsite - forming ridge trending

to 230m

3330 into the creek tributary.

OH32

- v of gr - pinkish grey. - rusty pitted areas. concentrated in pinkish blebs.

bottom of creek draw at 270 per.

@ 302 per. Posts 205, 206, 207, 208.

a few big granite boulders along line - small avg. float

+281 per Post 207, 208, 209, 210.

creek bottom at +17 per

75 per - slide boulder of m. gr. big granite

@ 106 per - bearing of line - 338°

125 per. - avg. float on steep N.E. facing slope.

greenish-white - m. gr. flow banded spherulitic

OH33

rock - reaction ungs around rounded felsite crystals - Mn & Fe stem.

100 gran float along line.

@ 285_μ - Posts 209, 210, 211, 212.

@ 156_μ - top of ridge

@ 246_μ - Posts 211, 212.

MAY 24/70

GRID MAPPING ON VIÑA GRID #2

LINE 100+00N - E FROM 0+00 B.L.

- ① m. gr. bio granite - bio slightly rusty
- ② as above - c. gr. qt. z - in places bluish tinge
- ③ v. f. gr. felsite - buff color - rusty weathering
rusty pits
- ④ small float boulders on ridge - felsite
rusty weath. - f. to m. gr. subhedral to euhedral

0/124

qtz. x tal. ~~is~~

- ⑤ small ang. bio granite float
- ⑥ ang. float boulders up to 2' x 3' x 4' on
steep slope - bio granite - some
boulder highly weathered - orange
to red rusty weathering

⑦ bio gran. - linear ang. boulder train

H35

on steep slope - trace of Pb, Cr, P₄
min. - along fractures
- musc - sericite alteration
- scattered c. gr. K-feld. perthite

(8) bi. gran. - m to c gr. - one boulder. cut
by lt. brown. v. & gr. aplite stringer

H36 containing traces of v. & gr. metallic (?) -
rusty grains and qtz filled & fractured

H37 - a few boulders of aphanitic - silicious
greyish felsite

- ~~not~~ irregular flow banding -

rusty partings and blebs - rounded

f. to m. gr. qtz grains and scattered
^(within)
felds. with reaction veins (?).

(9) gran. boulders. - cut by aplite dikes up to
8" wide & qtz stringer

on 38
38 (No.)

malachite staining
cross-min. md, py, py.

(10) gr. boulders (steep slope).

- scattered min - md, ^{malachite} py, py

small felsite dikes, qtz stringer
and fracture (or joint) plane
control.

(11) 11. a number of small (12' x 11') felsite float
boulders - lt. gray - weathered pits.

(12) bio gran. - to py. min.

(13) small felsite bould. - highly weathered

(14) m. gr. bio gran. - near equigranular

OH 39 . gty stringer with py. min.

MA/27/70 - GRID MAPPING - Vinas

L 88+00N - E from Bl. 0+00.

0+25 - avg slide bed. - m. gr. bio gr.

2+00 - 100'S - bio gran. bould. - Traces
poikilitic felds.

4E - slide m. gr. bio gr.

13E - 100' N - avg. bio gr. bould. on steep slope.

- 25'S - felsite - ^{v.f. gr.} greenish-gray. - orange-brown

weathering - fl. lamination without
by. rusty grains - cross cutting ^{rusty} fracture

16E - creek.

16+30E - small float bould. (buried in hill slope)

vio gran. - chlorite + poikilitic feld.

appears schist.

19E - 20'S - caved in area on a facing slope.

orange weath. felsite - dk brown v.f. gr.

scattered subbedal f. gr. gtz. xtal.

no lamination - yellow laminae lining

cavities < 1mm. - appear massive.

(19)

27E - ang. float boulders - partially buried
in slope - v.f. gr. to aphanitic lt. greenish
grey felcite - varies from massive
aphanitic with unparallel old grey partings
to - yellowish green & spherulitic with
traces of laminated parts.

10/40

34+50E - subang. bould. near top of ridge
in gr. equigranular bio gran.

37E - lg. ang. bould. at top - as above

38E - as above.

to 40E - as above

41E - rusty buff. felcite boulders and
rusty alaskite with argillous alt.

44E - 75'S - equigranular bio gran. - subrounded
float - in recessive area on slope.

44+50 - same - with bould. of gray.
containing c. gr. qty. x-tals.

45+50E - bio gran - some bands with
propolitic alt. & dolomite along
fractures.

47+50E - banded float on side of N.E. facing
slope - rusty buff feluts with
scattered gty exp. & py xtal.
- also rusty bio gran. & argillite alt.

48+50 - feluts as above - No staining

50+50E - small float bouldrs - bio gran.
a few with traces of prop. alt.
along fractures.

200 - 300' S of 49 to 52 E. - a massive
area on slope with feluts - as above
gty phenos - py-min - irregular close
spaced shearing. - also arg. alt
bio gran.

52+50E - bouldrs embedded in slope -

bio gran with scattered c. gr. (5-10 mm)
feld phenos.

(A) 54E - 100'S. -

on road - S of lge. embayment - v.f.g.

filite boulder - well laminated

f.g. gty. phos. - some bould.

spherulitic - it buff to it. greenish gray in
color.

56+50E - embedded float bould. on slope.

m.g. granitic bed gran.

57+50 to 58+50 - small float bould. on slope

rusty filite & bed gran.

59+50 - filite float - spherulitic & laminated

bed gran as well.

L. 92+00N - S. from 60+00E.

47+50E - small float bould. bed gran.

43+25E - as above - lying on recessive

area on slope.

42+20E - bed gran - traces of muscovite

75'S.

large float bould.

35E - 100'S.

group of small felts banded. To
flat part of ridge top.

- rusty - arg. alt - gty. eyes - rusty
pits - spherulitic felds - lt. gray
fresh color.

32+75E - small felts float - as above

27E - small float bould. on gradual
slope - lt buff to greenish gray felts
laminated - greenish-gray variety
appear flint-like & breaks with
conchoidal fracture - splinter text.

01141

25E - +100' N & S of line along slope
felts banded float. - rusty buff.

slightly less - rusty pits - gty. eyes.

along line to 24E - fels as above & less
granite (rusty).

(20) 20E - bio gran. bould. embedded in
slope

18+75E - as above

16E - creek

14E - trace of felsite bould. on slope

13E - bould. on steep slope - bio gran.

trace of chlorite alt.

12E - ^{50's -} felsite float on slope - rusty weath.
slight lam. - qtz eyes - rusty pit.

7+50E - 30' N - ang. bould. on gradual slope
equigran. bio gran.

6+50E - 100' N - as above.

6E to 5+50E - as above

1E - as above

3W - bio gran bould - pyroclastic alt

5+50W - 75' N - bio gr. bould.

8W - large ang. float bould - bio
gran. - traces chlorite - a few
scattered c. qtz qtz (1 to 5 mm)

9450W - *br gran - equigranular*

①

May 19/70

Geology Viña Grid #2

Start. SW corner of Grid.

72 N 10+00 W

OP-1 med grained light grey
biot granite (Horse gr)

Spec. - biot - 1-2mm 10-15%

- qtz both f.-grained and
scattered large 4-5mm

grains or aggregates. 30%

- remainder white feld.

The rock is not altered
and occurs as felsens mere

40' SW and 30' NW

of picket. frags of

f.-gr. but felsite (highly feld)
occurs just above (west) of picket.

scattered float blocks.
down to 900 W of
granite.

800 W - block bi. gr.

700 W - " " " to 750

600 - nil.

500 - same granite few blocks
occasional gtz grain Trm.

400 W ditto.

300 W - scattered float Not
line last 100' and some
at pocket. - here same -
perhaps slightly argill. alt?
due to weathering? some
point out to field.

② 200w - 15' S of picket
bed (granit. Same)

~~150~~ - granit.

100 - Area 15' x 10' (EW).

OP-3 10' Not picked

A B C. granite - greenish
feld (perthitic). cut by
 $\frac{1}{2}$ " qtz vein with small
cavities some rusty also
rubble of buff and light
grey spherulitic feld.
dyke rock - possibly syenitic
comp. (rhyolite?) Spherulites
have feld xl. nuclei

3 spec. less than
10% chl. motics

OTBL - 72 N. no obs. last
100' - here frags

of cream spherulitic

of dyke rock - rusty cavities
assoc. with chl. matrix

1+30 E med gr. biot granite
fresh - no large gr
grains noted - few
poik. feld.

1+600 - ditto 10' N of line.

3+30 - 40' N of L below mass
spherul. rock. continues
to 400 E at Line.

600 E amphibole. brown-grey feldite
frags. under mass

730 - 2 blocks - fresh m-gr
biot granite - no lg. gtz

800 - frags spherulitic feld
rock in frags below moss

9+30 E - grey aphanitic?
felsite - small matrix

OP-4

frags similar to
spherulitic rock.
perhaps a flow(?)

10+75 - spherul. frags.

10180 - few blocks fresh
biot granite.

11 + 40 - spherul. frags below
moss.

12+20 E (72 N)

large etc. 20' x 100'

trends SE across line
(70' SE). gr.

14+00 E other side of creek

1420 (20 to 40' S) up to 1480

buff biot granite - brown
stain from weath. of matrix

(See also map)

1530 - about 5' to 30' N
of picket - gr.

OP-5 green propylitic alt
to fold in one block.

15120 prop. gran.

15170 - buff biot gr. med gr

(4.) but, coarser than prev.

16+60 gran. 40' wide northly S.
continues to 1700

17+100 gran.

17+10 - gran & spherul. rhy.

19+25 - gran

20+40 - gran to 20+80

all 20'S of line.

grass, birch, alder.

23+50 - spherul. rhy.

less than 10% gta

OP-6. phenos. 1 to 1.5 mm.

wang. stain fract.

26+20 - 20'S of line

bird gran. mild green

all to fall.

28+20 - biot gran m. gr.
30' wide across line

28+80 fresh biot gran.
60' N. 10' diam.

30+30 E - granite float.

32400 - buff felsite under
mass

32450 - buff weathered
biot gr. to
32+90'

32+90 N 20' of line.

OP-7 33+30 - to 34+10 float
m. gr. biot gr. 100'
long area trend SE



(5) 34+25 - gr. float.

35+40 gr. float still at
36+00 50' wide.

37+00 - still scattered gr.
boulders both sides of
line.

38+00 do.

39+00 " "

40+00 " "

41+00 to - do - more sparse

41+50 - abundant float.

42+00 do.

43+00 do. ends.

43+30 - sets the frays.

44+70 granule.

46+15 - white frags beneath
mass.

46+75 - gran to 47E

48+100E gran below mass

50+100E (72 N) gran. below
mass

52+100E - buff felsite - many
stain frags.

53+100E do

53-75 - gran - coarse
pl. grains in med gr
biol gr.

(6) 54100 - felsite frags under
moss

55100 100' N of line -

OP-8

A B C

rusty argill & mang.
stained. spherul. felsite.
cutting propylitized
(green alt). biot gran.
3 Spec. - gran, gran?
fels., fels.)

57100 - spherulite felsite.
- end of grid line.

58000 E spher. felsite below
moss.

59100 E do

60000 E do.

walked back up to 58100
then 90' S to exposure
of biot granitic block

Walking N from 58+00

50' - 20' diam float
area - bit gr.

Hit 76+00 N 59+00 E

walked down to 60+00 E

76+00 N 60+00 E

med. gr buff bit gr.
scattered pebbles.

59+15 - 15' float area -

bit gran. (N)

59+85 - gr.

56+00

gran - some fresh some

propyl. Look beyond

(7)

5 here fo 54+50

54~~40~~ - spherical felsite
under moss.

53+60 - felsite & propyl. gran.

76N 53+10E - gran

52E - felsite below moss

51E - " " "

76N, 49+15E - buff buff gr.

47+00E contin both side of
line / here up to 100'
wide at 47+50 (N).
here few scattered

46+00 abund. block 100 N E
south - bi gr.

45700 E pebbles out. gr.

44700 E - Spherul. felsite.
in soil.

43700 - no rock.

42700 E beginning of gr. felsen
mass.

39700 less abundant but
still continues (gr.)

38000 do to 37700.

37700 - few boulders gr.

36 E do

35 E do.

(8)

34+00 20' diam felsic

gr. 30' N of line

33+25

gr. small pitc boulders
N of line

32+30

30' diam felsic

granite - one frag
med greenish gray
diorite. S of line

31+15 E

- granite - mostly

OP-9.

fresh bi gr. with

one propyl. granite

with rusty cavities

30+00

Bl. walked S-400'

74'+60' N, 30+00 E

granite few boulders

under moss

Joq 40' N to
continue line 76 N to
the W.

297 90E - rusty spherul.
felsite.

29 + 75 E granite. 50'
either side of L.
to 29 + 00 E.

28 + 65 - 50' N granite.

28 + 00 or - no rock.

26 - grayish, alkali
Cream Spherulitic felsite

(9)

with scattered gtr phenocr
OP-10 less than 5% some
rusty pits.

25+00E - 15' N of line
under tree root -
rusty argill. alt.
spherul. felsite

21+35E mildly propylitized
greenish biot granite
(N side)

19+00E - 15' N - buff felsite.

17+00E - felsite at picket
rubble of biot granite 15' S of
picket.

16+50 E

Selsite in granite float.

76+00 N,

14+00 E

- mild propyl
greenish fract.
in granite

13+35

- Fresh bio. granite

12+20

- Fresh grey gran

11+00 E

OP-11

- propylitized granite
epid & chlorite along
fractures & some
Selsite fragments (fol)

6+00 E

- not rich but 500'
here - few large Selsite
(grey) in soil

4+80E - abundance of
Spherical felsic (chloritized
matrix streaks & rusty
fractures) free rock.

3+80E - ditto few gran
cobbles.

1+20E - block 50' across
thin biot granite

76+00N, 01+00E - propylitized
matrix felsic (spher.)
green chl. streaks.

OP-12

0+50W - granite

1+25 - gran.

2+00 gran.

4+00 W frag. foliated
Selsite. with abund.

O.P. 13 many stain
v. fine green metallic
grey flecks along seams

6+00 N
6+30 W, buff weathered
bid granite.

7+10 W - buff Selsite
Cold c. 10% chl. matrix
v.f. qz (spher?)

7+85 W - light greenish
grey v. f. qz. propylitized
OP. 14 (moderate) Selsite -
10% chl. matrix.

(11)

8+25 felsite

9+00 - felsite - one block

176+00N, mild propyl. gr.

10+00W to 10+50W

is 50' across N of L

OP-15

^{to}
felsite (a) dominantly
fine buff pink splend
with 15% of gr. ^{dk} green

matrix (b) also

strongly bleached

light greenish (propyl?)

felsite some argill (?)

matrix 15%

(c) pink aphanite

felsite with rocky part

and one large argill

filled cavity (?)

10+00 W proceeded
N to 80+00 N; 10+00 W

77+30 N 10+00 W

m. gr. buff weathered
biot gr.

7800 N rusty pitted spherul.
Selsite (Chl matrix 15%).

& granite boulders

op-16 one shows gradation
from biot-granite to
atastite.

78+70 - biot gr. & Selsite
frag.

79+30 biot gr. Selsite
200' uphill to 100' down

(12)

and continues to 50' N of
80 N. line @ 10 W.

Some qtz veinlets - no
moly or copper seen -
proceed E on Line 80.

9100 W - same site

8100 W " some mild
propyl.

7100 W other side of creek

5100 W - greenish mild
propyl. spheral. felsite
15% dk green chl.
matrix

OP-17

4150 W to 4180 W and
30' across line
rusty pitted felsite.

2+70 w - mild greenish
propyl all f.
felsic - part
spherical f part
sphinter

1+80W, 15' S of L

pred. gran with
some felsite.

1+15' w - buff grey gr.

OBL, 80+00N

walked S down B.L.

felsite frags

0+00, 79+00 N - gm

(13)

78100 - site - both apks of
spherul.

77450 - ditto

75770 - biol. gran.

0100, 7460N biol. gran.
continues to 74700

73100 - 20' diam just E
of picket - moderately
propyl.

7130N - propyl. granitic

not plotted.

68400 grey dolomite soil.

67720 and 30' E

P-18 mild to strong propyl.
- some fresh sp. too.

67400 best weather gr.

66400 fresh & prop. gr.

6400 prop felsic. gr.

OP-19.

not plotted.

142

Vina Group

May 20th

Grid #2 Geology.

70

80+00 N, 0+00 (BL). start.

1+00 E - frag splend. felsite in soil

2+00 E 20' diam felsite
med gr. buff weathered
biot-gran.

3+20 E - rubble 10' wide x 10'
ditto - some large
gr grains; sell. (poth.)

4+00 E - scattered blocks
350 to here gran.

4+70 to 5+00 E crossed
but at 50' N & 30' S.

6+20E gr. in soil.

8+10 - E buff weathered
spherul. felsit.

10+10E, 25' N. of L
one block biot. gran.

11+80E, 15^S (at picket top) (12E

OP20 Abund. frost heave felsit
rusty pits (spherul. inclusions)

OP-21 - buff granite with
scattered ^{large} qtz grains.

7-8 mm. 12' N of picket

- walked south across
felsit. 75' to gran
boulders. trends 145° or
greater.

(15)

13 E - both felsic g-gr.
in soil.

14 + 60 E - creek → S.
nearly all biot-granite
blocks in creek

15 + 60 - one block of biot.
gran with propyl.
fractures.

16 + 100 - ditto 10' S.

18 + 00 E - biot gr. gravel under
tree rock.

19 + 00 E mostly blocks gran.
Small slays of felsic
in creek

80N, 20E scattered biot. gr.
blocks from 50' back.

here ditto but some felsite
frags in soil.

21E - In 20' N of line
spherul. felsite rubble slope
spherulites up to 4mm.
few granite boulders

23E Felsite rubble under the
soil & exposed in rubble
heaps' last row

24E - at picket Felsite
30' N - gentle mound
running down slope underlain
by gran rubble trends
~ 115°

qtz vein
5mm

(16)

26E gr. cobbles in soil ~

26 + 20 - do.

28+00 - felsite gravel
with scattered gtz phens
(5%)

28+40 - gr. rubble - 7mm gtz.
vein - no vein seen.

at base Line 30+00 jog south
90' to continue Line 80N
to the east.

walked S on 30+00 B.L.

78+25 - felsite in soil

78+00 - gran. blocks from
picked up to 30'E
get and to 77x70

77+00 - felsite in soil

76 + 30^N - 30' up hill (E)
fallen tree root

- felsite frags.

back to 80 + 00 N., 30 + 00 E

80 N., 32 E - felsite gravel.
below moss.

36 E - granite & felsite
frags.

36 + 20 - granite - lesser felsite.

37 + 00 - granite.

39 + 00 E - continuous felsite
mg. biot granite

39 + 20 - ends of granite

(17) 39+70 - to 40+80 - scattered
41+100 - large area of bit
gr. block. (bit weathered).

42+50 - end of rubble

43 - few scattered blocks gr.

43+70 - blocks felsite:
occasional gr. (propyl.)

44+80 - granite blocks

46+100 . granite & felsite
orange - rusty pits

OP-22 abundant in fels.

47+20 - gr. - few felsite.
(low matrix) with scattered
(2%) gr. eyes & some
limonite pseudom. after pits.

also small black slates
specularite.

49+50 - gran. blocks taken

50+00E gran & Selsite

52+00E gran & Selsite trays

52+50 etc. foot bank
running across hill
25' wide 75' across slope

53+60 Selsite with
scattered dr. eyes
rusty, (some gran.)

53+80 - blocks granite,

54+70 gran & some
rusty without

(19)

Some purple.

5800 - felsite frag (gtz phen
5%) in soil

80N.

6000 E block of granite -

purple. also gran &
felsite in soil, gr - purple.

walked N along 60 E

70' N - buff weathered buff
gran float.

178' N do.

240 N - do.

275 - rusty pitted spherul.
felsite.

3+60 N Sphenol. Sphat.

4+30 N rusty pitted sphenolitic

OP-23. Sphat. used 50% grt eyes
2 spec: large rounded rubble strike
up hill. Rock has
strong argillitic alt.
and abundant mang
stained fractures.

line 84 N not completed
to here - probably etc.
here is \approx 100' uphill from
60 E.

Use compass and pass
traverse W to join line
- saw flag.

84 N, 60+100 E - This picket
is 150' uphill from etc.

(19)

and from picket, etc.

is 15° N of the line

extended. - compass

appear to be off 13° .

- Selsit & gr. gravel

58+50E - buff w. biot. gr.

56+00E buff fine spherul.
Selsit.

55+85 granite - buff w.

54+00E gr. under moss.

53+60E " " "

52+00 - buff w " "

51+50 Selsit, frags. no
maple.

48+80E buff biot gran
on line and 50' N of
line.

48+25E is 15' S of L.
moderately porphy. gr.

47+88' - gran. " "

46+35'E gran (coarse gr.)
coarse gr. gr. and
scattered pink phenos
of feld 6-7mm.

46000 buff w. gr. (coarse)

45000 - grey gr. (coarse).

AP24

(20)

44E - continuous. (poth field)

43 continuous - (a little finer gr.).

42E " "

41E scattered blocks to here of finer gr.

40E felsic (but spherul).
in soil.

38+ 30
and 38700 - felsic -
fine spherul.

36+60 to 36700

coarser but gr. with
poth fels. (one is 1cm)

35+50 felsic - but

rusty pitted with 5%
.5 to 1mm gr. gran.

3450E - rusty pitted "

346E - fine gr. fr 5'

34700 - Sph. silt.

33E - "

32E - Spherul. felsite in sand

^{84N}
3000 BL walked S.

grass, alder, g. brook

Ground - no etc. to 84N

walked down 84N 100' W

another picket labelled 30E

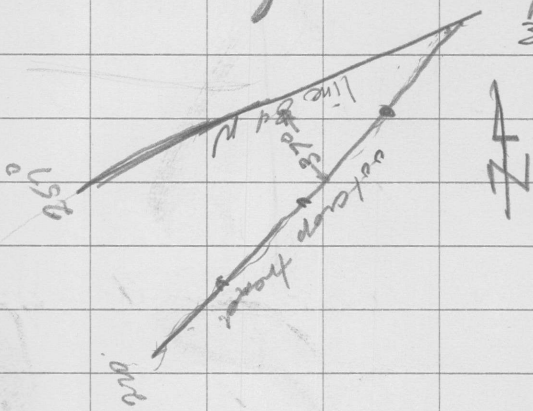
here large out (15' bluff)

of buff argill. spherul.

(27)

pitted felsite
DP25 few gr. phenon.
small rounded ridge
over old track, 37°

South of line from picket
30 E (2nd)



29 E - felsite rubble

28 + 30 - fine gr. 40'
Sof L.

28100 " at picket.

27100 continues

26 + 70 end of job.

24 + 100 + 23E - spherulitic

and aphanitic
felsite in layers

OP-26



argill

alt.

22 + 100E rusty weathered gr.
& felsite gravel in
'soil'

20 + 20E 15N

upturned tree root
all felsite gravel

17 + 30E blocky gran. bath

(27)

green propyl. & buff
weathered gr.

down to 16 + 30 E

14 + 00 E felsite gravel

12 + 70 - one small block
granite.

12 + 30 to 12 + 00

gr with some
propyl.

7 + 80 - felsite in soil

7 + 50 - " " "

7 + 20 - gran.

7 + 00 - fine gran with
3 mm qtz veins qtz grains 1 cm scattered

84 N
4460 E

Spherical pebbles in soil.

2+75 E 30 N

finer gran. (buff
w. med gr. bit gr.)

0+30 E - buff w med gr
equigr. bit gr.

84 N,

1+50 W Pebbles & lesser
gr in soil.

1+75 - blocks of gran

5+30 W - Pebble gravel in soil.
one boulder with gr.

7+40 W med gr buff w. bit
gr

9+ 50 W nearly all
biot gr. boulders in
creek

84N
10+00 W - line to med gr.
buff to grey biot
gran. equigr.
walked 10+00 W line
to N (88 N)

88+00 N, 10+00 W
last 200' inequigr.
larger gr. gran.

9+00 W - mostly equigr with
few scattered gr.
grain large 5mm

8+60 W buff w. " "

6+50 w - equigr. bit gr.

4+75 w - inequigr. large
qtr grains 5mm.

4+100 w fine felt 5mm
if scattered lg. qtr

2+60 w cream fine gr.
spherical. felsic (matrix
5%). loose blocks

1+50 to 1+100 w

Few large blocks
gr. - largely equigr.
large qtr grain here
if there - few felsic
frag (spherical 3mm)

(24)

Line 88N

0+50W inequity - coarser
gr. few poik. feld.

Walked Son OBL

0700 87+70N

few scattered coarse
gr. gr. w. gr.

87+20 - ds

86+00 ds.

85+00N more equi-

0+00 BL 84+00N

end of day.

op 26
(25)

G. Pearce

Vina Crp. Grid #2 May 21/70

Line 100+00 N proceeding W
0+00 buff w. biot gr. not.

equigr. few pink feld.
& abund coarse qtz.

1+00 W - large host beam etc.

biot granite last 70'

OP-27 (80 N-S across line)

pred. equigr. buff. w. biot

Cu gran (med. gr). few

scattered sulphide specks.

1+30 W v.f. q. cpy. & silvery grains
(?)

1+30 W

gr. (gray biot) with
buff weath. layer.

dry fracture thin veneer

of gr(?) with abundant
0P-28 chert chatoy along
Cu fract. surface. - some
poik of feld.

200 W - buff to grey
buff gr.

2+25 W gr., 50' N to 10' N'

abundant felsic that-
rusty pitted buff spherical

0P-29
few scattered white feld
phenos 3 mm. - argilled
alt - (dike cutting
granite) amongst gr
boulders - poik feld.

HW - scattered boulders to here
buff gr. - poik feld.

100' N - center of
first large blocks of
gr. - coarse gr. eyes
with iridescent
grey blue metallic

OP. 30 smears on gr. fractures
- doesn't look like really
- darker grey on joint
planes - rutile?
gr. vein 2cm with
same stuff.

5150 fract. with flat limonite
pseudomorphs. pyrite? opq?

Cu?
py?
7450

continuous granite to here
c. gr. gr., rusty fract.
otherwise fresh rock.

800w - 85' N, of line
patch of gr. boulders -

100+00 N,

9+00 w - spherul. (fine) felsite
buff - with scattered
1.5 mm gr. grains.
& abundant rusty pits.

10+00 w - rusty spherul. felsite
scatt. gr. phenos
few scattered gr. float.
seems like deep soil
(gross, leucinous)

11+30 abund. felsite frag.
few boulders of finer (red gr.)
bird gr. - propylitic

(27)

12+75 - creek → S.

mostly gr. in creek.

13+00 W to 14+00 W - scattered

flat - main front bears
to N.

14+20 W walked to large etc.

front bears block 120' N

- fairly fresh - but

OP31 we gr. in patch field.
5mm gr. vein noted

Cu with coarse chalcopy.
conc. at contact.

15+00 - 100' N - propyl

gr. amongst fresh

OP31A (boulders) two coarse

grain chalcopy. and
few v. t. g. in prop.

Cu

(patch field).

15+80 - scattered gr. to here.

16+50 - scattered blocks gr.

few c. gr. qtz & pink
plenty FeS.

18+00 N - Scattered blocks
buff w. gr.

18+75 - large boulder - three
fract directions - closely
spaced. dk grey blue
metallic cov. qtz (large)
rutile?

19+00, 19+50, 20+00

- gr. fract - rust m
fract.

(28)

21400 - block of gr an-

21450 - 25' N - blocks.

granite peak.

P.32 - 1mm gr. fract filling
(cuts across feld phenol).

Cu contains small blebs
chalcopy

22400 few blocks gr.

24400 last 100' large rubble etc.

25400 W etc. continue
1.3 cm apth or alaskite

Py (sugary) with minor py
& limon pseud. & gr. gr.
i, peak.


26400 still etc - here steep
- coarse gr. - peak left.


bluff over SW \rightarrow creek


all rubble etc.

Cu pyrite & Cpy in 5mm
qtz vein.

etc. heaved so joint
attitude approx -

 Σ 100 / 50S 3-5/ft.

 Σ 30 / 35N 1/ft.

 Σ 170 / 90 3/ft.

28200W end of str can see it
150' up hill to N.

28450W - Creek \rightarrow SW

float in creek. qtz vein

Rusty cavities - possibly

(A)

fault or mineralized
fracture!

2900 w - 3000 w end of

line - granite -

coarse grained quartz. still
continues another 50 to
100' uphill (w).

walked across slope
back to camp.

(10) June 30/70 - Geology on Mid #3
Vina Claim Group.

Nalong BLO from 12N.

12N - float bould. - medium gray - f.g.
gtz - feld - bio veins - (quartz test.)
equigranular - rusty weathering
- a few gtz. veinlets < 1mm.
mapis $\approx 60\%$

To 17N - float a.a. - grades to schistone
& slightly crenulated. + with
gtz stringer up to 1mm.

24N - bottom of knob + float pile -
lt. greenish-gray - chlorite - sericite(?) -

OH90 gtz - feld schist. - mg. - gtz
veins (sugary text) < 1mm wide.

@ 24+60 - claim line bearing 075°.

(100 pcs ^{along} claim line to Posts 106, 105, 103, 107)

40 to 44 * from 30' ^w to whole knole to w of

B.L. o/c - Jpl. 290°/75°.

Q-F-B gneiss - greenish to schistose &
crenulated.

From 46 at top of hill to 58 at bottom - first
wave & float.

-mainly Q-F-B gneiss - s.a. occasionally
with minor repl. alb. (epidote kls. &
stringer - chloritization) - trace of
almandine ^(?) garnet. - tr. of w.f.g.

sparingly dessem. py. (and pyr.?). (@ 48N)

also @ 48N - f.g. lt grey ~~or~~ meta-arkose(?)

DH91

gtg: fld: bio ≈ 25% bio 30% gty

35% fld. - a few fld. & bio up to

1 mm (subhedral to euhedral)

gtg with semi-rounded outlines

- ^{tr.} w.f.g. - dessem. py. (and pyr.?)

(2) W along L64 from B.L.O.

- from B.L. along top of flat topped ridge
to 8W - frost heave(?) - Q.F.B. gneiss.

minor peopl. alt + chloritization -

qtz veins or interbeds up to 3" wide.

8415 @ 8W - rather schistose f.g. chlorite
vein.

14 to 16W - scattered ang. float (or frost heave)
on gentle slope.

m. to c.g. granites or qtz monz. (
(meta-sediment??) - greyish-buff.

35% bed 45% feld 20% qtz.

OH92

scattered irregular boulders

feld porphyroblasts

- to Mn+Fe stain

- to py.

To 24W - a few scattered boulders a.a.

24W to 28W - wide draw. \approx N+S

(major creek bed @ 27+50.)

L56 - E. from ^{sta} - 30W.

~ @ 31W to ~ 27W. → ~ 150' N.

bottom of low know - slide rock.
- Q.F.B. gm - mafic < 25% - gty
sch. - gty knodes & stringers
decuss. & f.o.g. blcks. of py
< 1% - its garnet (almandine?)
- rusty weath.

center of easterly creek draw @ ~ 22+00
(westerly about 300' W. of sta 30W.)

12W to 0 - small slide boulders on the N
slope of ridge - Q.F.B. gneiss.
[3417] - a few gty porph. up to 1 mm.

E along L64N - from B.L.

~ 400 to N. (N limit of flat-top of
ridge) - first heave. - Q.F.B. gm.
slightly porphyroblastic - gty nodules &

(3) stringers - to py. min.

no exposure

W along L56W from ^{Sta} 20E.

135 to 10E - 30 to \approx 150' S. - know.

float heave & small slide frags.

rusty-orange weath. surf.

lt greyish-orange - f to m g.

scattered gty & feld porphs. - hazgy outlines.

anhedral to subhedral. < 20% bio.

90% gty - 90% feld.

arg. alt of some feld. str.

with reaction wings of lim.

- rock type

8E to B.L.O - float & frost heave.

Q.F. B. gn - vari to porphyti

- often crumulated with gty rocks.

& stringers - py. min. in beds

& small stringers.

July 2/70 - Iowa - North Claim - ^{full part} 1000' scale
mapping with Ken Dawson

① o/c. - $\approx 500'$ E from Post 190, 99, 98, 97
in tributary creek

bluish gray banded gtyites &
f.g. amphibole, gty, musc. schists.
gty. nodules & scumlet & blebs.
of pyroclastic - ^{Fr. of} ~~clastic~~ py
attitude $290^{\circ}/75^{\circ}\text{SW}$. - small
subparallel fault $\approx 300^{\circ}/80^{\circ}\text{S}$

NOTE Post - #1's per ^{(1500L) (1500R)} ^{(1500W) (1500E)} ~~Hard~~ 193, 194
staked Nov. 24/69
D Borden

Bearing of claim line 265°

② o/c. dk. gray
f.g. db - gty - feld - gneiss - slightly
schistose. - gty nodules.
slightly cherted. - contorted (small
isoclinal folds.)

(4) Photo 12066-222

filament area

(1) contact Ubgano + Y. Sp.

f. to m. g. Ubgano + evidence
of shearing - contact area with greener
minor diagen pyx + pyrr. - but its
very rusty with

- diabase f.g. sides - to pyx
pyrr.

N35W/90 - faulting of bio-grano f. to m. g.

July 3/70 - Vera Wiggins with K. Dawson
(1000 scale field print)

(3) gyltite banded - feldspathic interbeds(?)

fol 270°/50° also f.g. to m.g. dk. grey stroph. > 70%
maple - (meta-volcanic??)

(4) - float + frost have on slope + top
of ridge - f. to m. g. pinkish-grey
granite grains (Caesium complex)
slightly porphyroblastic

OH94

^{25%} bro - ^{25%} pink & field + ^{25%} white play. - ^{25%} gty

well foliated - wety weath.

- also frags. of f.g. lamprophere. dike
well foliated - 70- to - 80% bro - minor
Ca field & gty (?).

⑤ Porta: 228-229 - 230-231.

⑥ rhy. slabs at top of ridge - 2830 tons
to patch to E.

July 5/70 - Vana Mapping 1st Field Area. well A

② Mudalla - 1000' field part

& frost bail? - tiny frags of rhy. porph.
as ⑥ + m.g. qz. with greenish &
purplish tinged felds.

⑧ frost heave - rhy. porph. - greyish - massive.

01196

K field. phenon - big phenon - w/f.g. to
oph. groundmass.

② July 6/20 - Sawit Vitis

Photo A 12066-219

① small frag. - frost heave? - f.g. to v.f.g.

pink-grey sp. (dike?) - slightly vesiculate

- long icicula x tal of 46(?)

or few x field phenos. (subheral)

0497

< 1mm.

0498 - dry rock - thin needles. - lt. bristly
greenish buff. - slightly beccated -

6

~~VINA~~
Claims
~~Claims~~

227
192

195	196	198	199	241	
193	194	200	199	227	228
191	192	202	201	225	226
189	190				
187	188				
185	186				

179	180	150	149	183	184
177	178	152	151	181	182
175	176	154	153	138	137
173	174	156	155	140	139
171	172	158	157	142	141
169	170	160	159	144	143
167	168	162	161	146	145
165	166	164	163	148	147
				136	135

July 9/70 - Mapping. S.W. ²Vina. with
A. Mndala. - 1000" full point.

OH99: f.g. lt buff gr. < 20% bio
760% qtz - minor c field
- slightly foliated.

① slumped o/c (?) yellowish-green apatite dikes

(from point)
@ 025°/85°E. cutting lt grey-

granite - m to c q. - patch of r. field

up to 3 mm - bio < 20% - slightly

shortaged ... c field - greenish

< 20%.

②

lt brownish-gy qtzite (banding attitude 275°/35°S)

v.f. g. - conchoidal fractures - a few

OH100

pinkish field. blebs.

OH101

- also takes on a more granitic or apatite

text.

also minor Q-F-B grains - f.g.

⑦

and 100' to S.E. - well fol. - 4/5 grains to gty
many - into c.g.
also contact breccia.

Photo

12267-138

①

ofc.

OH102

granitic test - f.g. 40% bro 30% gty
also fol. 4/5 grains in the ofc.

+150' - ofc. - 4/5 grains slight fol. &

gty to many onto with subbed
K fields.

July 10/70 - Geology S.W. King Claim
1000" field print.

③ frost br. - rhy purple - lim. pseudos.

OH103

scattered subbed gty & subbed
K field phen. - et pseud 9/4
N.f.g. groundmass.

July 11/20 - Geology NW time

04104 - H₂gous - gneiss text -

numer bio

quartz dikes common

numer py.

Tahara Wajid
Bio 4/10/14
350611
14

160+00N
30+00W

10:00