

Garnet Expl. Oct. 2, 1971

810157

GARNET EXPLOR.  
#179 PI. HARDY,  
R.C. DATA

326 40+50'S claim line  
Post 200' cut

39+00E:

13+50S - 15+00S:

20E-20W etc:

BV: maybe slightly

at 1<sup>st</sup>: small

blks as amig or  
pheno.

This etc forms top of  
ridge

39E-40S: angl. - flood:

propyl. - Mont at 1<sup>st</sup> of  
and? w/ phenos.

39E-41+505 7/14<sup>u</sup> Cass

And w/ Fern

39E-20D:

Pit: ① boulder of  
Kaolin type of red mud  
gn. granitic mud  
② boulder of  
flow pattern  $\Rightarrow$  interbedded  
and/or granite: Kaolin  
at top

39E-25 Pit:

① boulder pyx. - V. S. L. S.  
green Fresh

E-W  
20E-36+50s ~~chain line~~  
L20N-64w Utah? line

20E-40s F.P.  
Beve 27, 28  
I.P.  
29-30  
Feb. 15, 1968  
M. Bretler

IDA: F.P. 399-400  
I.P. 395-398

20E-4/5 sml otc: fresh line and  
dark green w/ dist. pyr.  
euchredal phenols.

- 4/4s Amyg Andciti no pyr.  
fresh to slight off's?

4/5

"

"

Oct. 4, 1971

BL-695 = Whig 192W-  
46N

<sup>+50</sup>  
635-285 = otc = crk

- ① Fresh Bu. fract. w/  
dis pyr. & calc veins  
Pyr. on joints
- ② ~~under~~ along crk surface  
weathered rocks.

635-405: otc cr. (50° E)  
4/5 myt

Bui. kaol type alt  
well fract w/ abundant  
pyr. dis & contact w/  
occas. gl. vein w/  
pyr. <sup>o</sup> shatter  
E-W fract @ 70° N  
N-S fract @ 75° W

64E-

415

Bu. intense Karol.  
+ mild mant type  
alt<sup>n</sup> = Karol. could  
be fault

W side 2' c. c.  
fault 3' mil.

N10E. 40° SE  
slight alt<sup>n</sup> to  
hard and. By  
tract. w/ calc.  
veins. Part. in  
route.



Whi 22-28 F.P.

σ E-W. 4

4/5 - 3 + 700' 1: 6 #1000

62+50E-

285

Alt. d  
Bu w/ pyr. dis  
& joint - adj. to  
it is fresh Bu  
w/ calc vein  
well fract. little  
pyr.

64+50 E

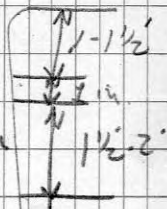
285

fresh Bu w/  
calc (mil) vein  
& well fract.  
no pyr.

39+00 - 30+005.

# Soil Profile

humus  
gray leach  
grades to reddish-brown  
yellow brown on "B" w/ cobbles  
bottom



cobbles = pyritized  
andish: fractured  
w/ pyr. in joints & diss.

20E-105: Cr.

And. (no pyr.) ~~light~~ g/f<sup>4</sup>  
Pale  
~~green~~ ~~amphib.~~

Fine-med grn. pyr. along joints  
small otc a/cr.

20E-165 upturned tree:

g/f<sup>1st</sup>: <sup>diss.</sup> pyr. BV andos.  
pale green to med dk grn.  
fine grn.

20E

20E-150s

small  
New otc: fine gr. fresh  
and. w/ diss. pyr. = 2-3%

20E-295

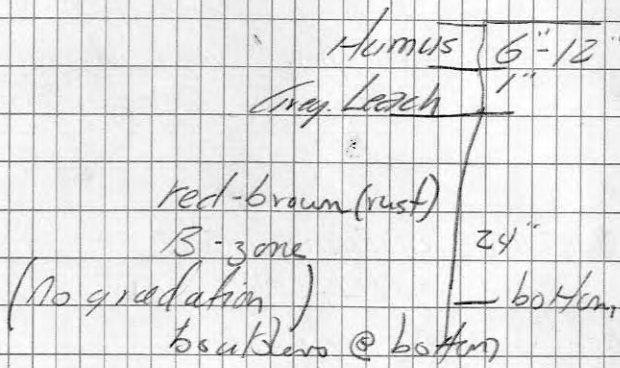
cr. otc W-side - small.  
And. - fresh, fractured w/  
pyr on joints. dark green

20E-415

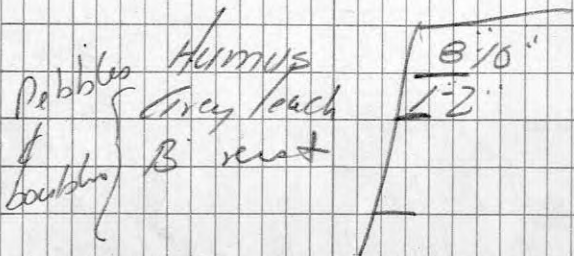
50' w/d

otc: And. <sup>alt. v. d</sup> w/ epidote &  
K-spr & feldspar phenos.  
Min-pyr on joints: Pale  
green

Soil Profile  
39E-20N.



39E-25



Oct 5

13+00E

I.P. IDA 69870

BL

To S.

I.P. IDA 89 to N.

10450E

blaze line N-S

BL

0+00E @ crk:

2300N - 2750E

600' down crk from 0+00E

Bv: fresh mild fract

no. pyr. to this point

Bv: ~~at~~ kaol/mant.

due to fault zone well  
fract no. pyr.

fault E-W. 70°N

1000' down cr. side crk:

pyr. in kaol/mant Bv

in fault E-W zone

1/2 in? grid cut every 400'  
E-W, lines N-S.

1200' down crk:

Bv: well fract. intense  
Kool w/ pyr. fault zone  
U10W 75° E

small gtz veins, lots of pyrr.

Shearing & dis pyr continues  
w/ 214<sup>2</sup> to 1350'

1450' down crk: very white rock  
moderate fract. w/  
fine gm. dis. pyr  
(looks like marble)  
fine gm. (bleached)

1500' down crk: trans into felsic  
gtz - purple w/ minor  
dis pyr. (streaks?)  
E-W. (ESE)

1600' cut clearing on W side  
of crk: 100 E-W. 200 N-S  
(chopper & side?)  
2296N. 2734E



Oct. 6

1<sup>st</sup> cr. 20E

(245) → 23E: Bv: fresh w/  
minor pyr. on joints.

2<sup>nd</sup> cr. 36S: NO EXPOSURE

3<sup>rd</sup> cr. 50S-20E <sup>up stream.</sup>

46S-22E: ~~Angg~~ <sup>porphy</sup> Bv. mant.  
all<sup>y</sup> NO. pyr.

? 44S-26E: Top of ridge  
breccia Bv & gtz cement  
appear to be decreasing to  
the north

Bv: mant all<sup>y</sup> NO  
pyr.

Oct 6

16E-

14 to 15s

ridge top:

etc: Bv: slight alt<sup>3</sup> w/  
dark green amyg. &  
minor dis & joint pyr.

33s ~~50s~~ crk

Bv: same as above w/  
decrease in amyg.

41s

sm/crk rly: no porphyry

↓  
44s

drift: all slightly alt<sup>3</sup>  
Bv w/ minor dis pyr.

Oct. 7

63+50 E

405. crk going east

800' down creek:

intermittent fresh Bv w/  
minor. dis pyr.:

Mostly kcal. type  $\frac{1}{4}$   
of Bv w/ shearing &  
fract. 2-3% dis pyr. =

grey - color.

at 800' appears to be

~~is~~. fault zone.

N40E

1000'

Good expo. of fault w/  
a 1/2" gouge & fresh Bv  
both sides. zone several  
feet wide w/ crk running  
down stri = 580E @

60-65° N. : Bv

w/ 2% dis Pyr. in  
gouge: fresh = ~~Pyran joints~~

This is a strike w/ above (800)  
fault zone.

Oct. 7-71

1200-1500' down crk

<sup>8014</sup>  
pyr assoc w/ faulting &/or  
shearing which is strike in  
both N-S. & E-W directions.  
The E-W appears to be 1<sup>st</sup>.

The fresh Bv has pyr along  
fract. joints, & at the

Bv has pyr. dis & along shear  
planes. No heat of

Reid-Otz porphy was found.

crk runs S

40 the crk from 63+505-40s

crk runs N-S: fresh Bv:

w/ pink calcite veins in heavily  
fractured rock str. E-W.

Mostly fresh Bv. along crk

Oct. 10-71

4E-5+50s:

crk wily: fresh. Bv

4E-3E-25s: etc:

slightly alt<sup>red</sup> Bv w/  
very minor pyr.: well fract.

10s - wily crk.

12+50s etc:

prop/mant type alt<sup>red</sup> of  
Bv w/ fold phen.: fract  
no pyr.

propyl.

17s-18s

Bv: mant/kuol alt<sup>red</sup>  
w/ minor dis & joint pyr.

21s:

prop. fault breccia of Bv  
w/ gfg:

22s

crk

25s.

Bv: fresh w/ slight propyl. alt<sup>red</sup>  
pyr on joint & minor dis

Oct. 10, 1971

4E-

29s

few H breccia & sheno in  
frags. Bu.

40+50s crk no Qtz-fold por. float

41+50s = E-W claim line

2264N } ≈

2780E } ≈ B + WE = 40s

2746E } → Belle Post

2264N } →

1000' down crk:

Bu: mostly fresh w/  
minor pyr. on joints.  
no float of dikes

2260N } Bu slight alt/b

2738E } sheno no pyr.

X 2285N } <sup>sml</sup> Crk w/ well alt/b

2734E } Bu (Kool type)

2734E } Dike ?

2290N } Fault zone extreme alk  
& silica w/ minor pyro  
fact. 20-25' wide  
~~560E~~ @ 80° S.  
500E

2738E: N-S fault pattern. intense

4E-4150S

fresh ov

28E

24+505 crk wly: Bv: ~~11-79~~

~~11-79~~

mild alt<sup>y</sup> w/ die pr.

23%

28E

5-65 otc: Bv. fresh



10-11-71

cont

no pyr.

445

Frag: upturned tree roots:

Bv: porphy. fresh to propyl. alt<sup>2</sup>  
minor hem. slight mag.

Note: This porphy Bv occurs  
to S of projected silica  
fault & is aly rock which  
is mag  $\Rightarrow$  cont displacement  
fault

485

e: side:

Bv: field porphy propyl  
alt<sup>2</sup> no pyr.  
nonmag.

28E

qtz breccia etc - 2 phases

440s

qtz: 1<sup>st</sup> in brecciation  
2<sup>nd</sup> less intense in fract  
& movement

Rock = mag: Fe rich  
Hem & mag.

~~285~~ ~~note~~

Oct 11, 1971

9s-31+50E

sml otc: fresh Bv - no pyr

16s crk-wly float fresh Bv

23+50s sml-otc: fresh Bv: minor  
dis. pyr.

24s crk wly: Bv: fresh to  
slight propyl. a/f<sup>b</sup>

250 } 33s-32E  
52w }

40s claim line

39s-40s: otc e of line  
Bv: mant all<sup>2</sup>: Qtz breccia

40+50s

~~33~~ 32E e of line: Intense silica  
a/f<sup>2</sup> of Bv: Breccia  
zone: Very similar to  
1600w sil well fractured

Oct 11-21

20E

22150W: frag of Granite

25150W:

Granite: fresh Mg.  
K-spar

38

Granite small crk:

42

Crk big Granite  
xenoliths of And.

down crk (w/ly) 100' down  
Post 50' b.g crk = 4300' from  
B<sub>w</sub>

8E

20N

crk: frag Bv fresh  
w/ gtz eyes

39+000 - 6500s. to 800s

etc: 20-20 w. g. line:  
S-N-S.

By slight pyv.: fresh:  
andesite: bedding or  
(fract) N65°W @ 25°SW

39+000E-

PS-NS. etc 0-25E:

By w/ minor disc pyv.  
Fresh And.

Oct 12-71

88 Lin

35 crk. Bu. fresh

75 otc. E. fresh Bu

2 fact fresh Bu

105 crk wly

135 otc prop/mnt aff<sup>o</sup> w/  
dis. & scrip pvt. Bu

8E

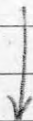
10-207

155

mont alt<sup>th</sup> minor  
dis pyr.

175

etc: mont alt<sup>th</sup>  
w/ abundant pyr  
in dis of parts = 50W



1950s

Appears to be slightly

100 E/W

silicified fault zone:  
fract w/ pyr

325

crk runs e/w line to

355

two w/ Bv

385

crk - w/

12E

435

Bv. mont alt<sup>th</sup>

crk ↓

feld phen.

4150s crk

same as above

c/aim post

IDA 396-397

400-857

12E 10-12-71

305 I.D.A. 91 & 92  
F.P. N-S.

175 o/c Bu: periphy  
✓ 505w Feb/ pheno.  
185 fract. - moist/kaol  
2H<sup>e</sup> no pyr.

185 smt o/c  
siltified periphy Bu.  
fract no pyr.

185 same

2 505w

95 cix

7+ 505

o/c Fresh Bd

10-12-71

12E

6+50s. tract E-V - fresh up  
↓ minor pyv. on joints  
E-W break - fault?

57-50s

E-W stem vein



Oct. 14, 1921

LINE 44E

9+50s

12+50s

Bv: fresh: forms  
ridge E-W line  
etc: 44E-45E  
fract both E-W & N-S

13s

13+50

fract on  
W of line flow breccia  
of fresh Bv top of  
of ridge fract

15+50s fract transition flow breccia  
to MASSIVE and

20 →

20+50s

MASSIVE and  
Bv: fresh

23s

small

etc:

porphy Bv: ~~fract~~ fresh

25s

creak wily

Bv: MASSIVE;

porphy all the way  
near dis py

Oct 12-71

8E

385 o/c: porphy Bv  
mant / good pit<sup>y</sup>  
w/ track & shewes

Oct 14-71

44E

255 Crk flows w/g line  
↓ 26+50s then turns SW

31-7 Crk. w/g line 50' runs S.  
↓ 34+50s Crk S<sup>W</sup>ly

31+50s 20' wide W-E. shewes

~~41+50s~~ fault zone: Heavy Pyri

43+50s 5-10% ; intense kaol  
& some silica alt<sup>n</sup>  
zone 50's is alt<sup>n</sup> to &  
mant type.

41s: Bv: porphy. kaol / mant alt<sup>n</sup>  
min<sup>d</sup> later  
w/ Pyri and joints -  
Q's breccia

4UE

Cut E-W line @ 415

= old. 15N-42W

12E

10-12-71

137S

crk. w/ly alt<sup>ed</sup> porph  
Bu

Oct. 14-71

44E

43S claim line E-W crosser.

46+50 ck ely

47S-47+50S etc.

Extreme alt<sup>ed</sup>. Kool. Gf

Silica eyes: py. dis = 2%

(Similar to alt<sup>ed</sup> at 63E 40S)

No Gf. or. ~~shears~~ shears

dip SE-Gf strike NE-Gf

41S cross line

43E

Bu: porphy Q+3 breccia  
mant alt<sup>ed</sup>

40E

Bu: porphy: fract. -  
mant alt<sup>ed</sup>

37+50E = 39E-40S

etc: mant alt<sup>ed</sup> of top?

porphy w/ rhyolite phono

D.A.M-71

40S

36E Cert line X's claims line

@ 1000 ± 50

41+50 fresh w/ hornblende pheno

42+50S on mat 9/14 Bu. Porphy

42+50S

38+50E claim post IBA

T.P. w/ trace 407-402

F.P. trace 398-95

45S

fresh Bu. porphy, w/  
feld & hornblende pheno.

46S

crk - eiy

35E

46S

crk propyl, alt rcd

Bu. feld porphy.

appears Kord alt rcd

zone in crk @ 35+50E

46S. w/ minor pyx.

34E

46S

etc. S of crk: fresh Bu

feld-hornbl. porphy  
fractured

Oct. 14-71

455-35E otc n g crk.  
propyl/mant alt<sup>h</sup> of BU  
feb. polymorph. no pyr.  
on either side.

in crk. East alt<sup>h</sup> of 290 pyr.  
~~38~~ ESE fault @ 465-36E

36E line:

otc E-W

295.

Bv. massive w/ mild  
alt<sup>h</sup> (propyl.) dis. larger  
1/8" grain of pyr. 1-2%

E-W Valley at 35-335

15+50s

E-W striking ridge line

(E-W 100')

Bv: most alt<sup>h</sup>. w/ dis pyr.

minor fault

N-S strike fault w/ w dip  
& E-W fault dip

36E line October 14-71

claim line W-S along

37E:

95. 5ml etc ig line:

Bv: Freshino Myr.

Oct 17 - 71

LINE 52E

20s sml etc: Bv: fresh, MASSON  
w/ very minor  
20+50s dis have xth of  
pyr.

23s sml etc Bv: fresh, fract.

24s Bv: propyl aff  
25s<sup>↓</sup> no pyr.

36s crk-ely: float - kaul  
at rd Bv w/ pyr.

44s sml crk ely to 45  
An SE ely

46+50s sml etc: Bv: well att'd  
silicified w/ 5% pyr.  
dis. NE - ~~low~~ fract  
& NW fract @ 50's



Oct 17-71

LINE 488E

50E-46s = sml bag = fault breccia

48E-49s: Crk swthy to 50s  
thin silty.

Rock: Bu: porphy, feld  
phonois. Mont/Kaol  
alt<sup>3</sup> w/minor dis  
pyr.

47s o/c: Bu: feld porphy  
mont alt<sup>2</sup> very  
micro - dis pyr.

44s crk: silty: Mont same as  
above w/ more pyr.

43s sml o/c: Bu: intense kaol alt<sup>3</sup>  
w/ some silica. pyr  
on foids & dis = 8%  
N-S fract @ 90°

Oct. 17-71

line

48E

42s

drainage Ely

38s

crk. Ely w/ alt<sup>rd</sup> float

33+50s

crk Ely w/ alt<sup>rd</sup> float

31+50s

sml crk Ely

30s

intense silicified  
zone w/ 2% bio pyr

27s

sml <sup>hard</sup> ~~stc.~~ <sup>stc.</sup> dikes w/ hornblende  
phenos minor pyr.

Above (30s) could be  
S end of same ~~F~~

This is <sup>A</sup> intense acid  
contains Bu xenoliths

26s

Bu: propyl alt<sup>h</sup> w/  
minor dis Pyr.

Oct. 17-71

line 40E

22s <sup>smt</sup> ofc: mild alt<sup>n</sup>; Bv  
massive no pyr.

18s <sup>smt</sup> ofc Bv: massive - fresh.

15s

fresh Bv

↓  
14s

10s e-w clam line

Oct 18-71

32E - 38N: ctk w/ly  
pink granite

line 60E

1s EW clear line

145 ctk @ Ely Bu: propyl alt's  
155 w/ frags of kaol Bu &  
Dike

195 sm/ etc: Bu: fresh

245 etc. Bu: Homble - field  
porphy <sup>propyl</sup> mant alt's  
w/ very min pyr against

265 etc (1400 w) Bu: propyl  
alt'rd mant / propyl  
appears to be EW fault  
skip w/ S dip @ 65°

Line 60E

29+50s

crk Ely

37s

1/2 crk Ely

42s post  
lot

E-W claim line

Line 56E

41+50s

claim line

Post 900' SW?

cross to the west.

36s

crk Ely

etc. Bu. propyl /  $\text{Al}_2\text{SiO}_5$   
massive

32+50

Lot 11/12

27-18s

etc.

Bu. Hornbl. propyl =

Tuff? two fract  
patterns N50E

@ 65-70° SE

N40° W @

40° SW

propyl /  $\text{Al}_2\text{SiO}_5$

looks like block  $\text{Al}_2\text{SiO}_5$

560 = claim zone (Leo Story)

240 = Lot post 13414 I.P.

F.P. 11412

200 = OK. Bu. (Luff) Humble

purple proxy / must

214<sup>h</sup>

125 I.P. Lot 15-16

F.P. Lot 13-14

0450 I.P. Lot 17-18

F.P. Lot 15-16