

018789. New Rock Samples

- N 123A shale - rusty
- N 127A gtz. - possible blk sphal
- N 132A } sulphide zone
- N 132B } fine
- N 132C } stuff
- N 132D }
- N 134A } parts of
- N 134B } same
- N 134C } rock
- N 134D } sulphide zone
- N 134E } float rock
- N 134F }
- N 134G rusty soil sample near sulphide layer
- N 136A } sulphide zone
- N 136B } float
- N 137 }

N 138 High Grade Pb-Zn Boulder
(assay)

No. Claims

21 July

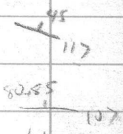
Cloudy - windy - cool

(N-1)

massive to finely bedded grey sandy limestone - minor gritty limestone (N-1) - no outcrop but fairly local looking & flt. weathers ^{med.} gray to brownish grey rarely creamy buff grey - to diss py slightly fract

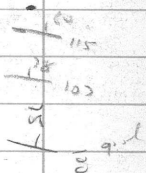
(N-2)

gray brown & greenish gray very finely bedded chert with minor diss py round outcrop difficult to measure - some bleaching on fract + fb py - minor chert grit (rounded)



(N-3)

cream colored chert finely laminated - looks bleached



chert in vicinity: massive chert & chert grit sandy fb 1st green chert

small wrinkles in bedding
? plung shallow

5/6 just down hill

65
102
9.28

creme chert interbedded
with greenish grey s' minor
micron fine grained - rounded
looking grains - no phenocrysts!

ofc 200' south along ridge

47
120

off white weath vlg creme colored
glassy sil rx - rext. chert?
inter bed with sil rx but
med grey s' weath grey offwhite
ribbony - minor diss evh py

(N.4)

lt grey glassy rextall chert (vlg sil rx)
has fine disse int laminar weath evh - some with
minor diss py - some with earthy mottling - clasts. phenocrysts?
68

Separated from previous
ocs by abdt 600' of
softer brownish weath platy
bit sil rocks - probably arg. quartzite
or arg. siltstone - some very slightly
limy - cant meas platyness but
looks shallow

105
215
225 ← chert?

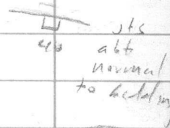
clasts or
pebbles?

(N5)

sequence of 2 1/2 ft fine
grate and heavy coarse
grate - grey chky rx -
med-dk grey sil slabs.
fine bedded 1/6 chit
no or possibly not
all local flt.

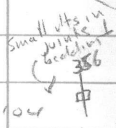
(N6)

very well bedded sequence
~ 25' thick (exposed thickness)
of medium to greenish
grey vfg sil rx (chit?)
beds 1/4 to 3" thick



(N-7)

grey to greenish
grey vfg sil rx
some chcky some
finely granular? (sucrose) -
much with mottling on broken



See for 320 L Pacific Range proof
see samples - minor diss py some

N-8

purplish gray weath purplish

88
104

gray cherty rx - V by sil

rx - possibly recrystallized chert

again with mottling as a b N-7 - (similar

rx to N-7)

right on top of hill + 110

as down hill minor diss

py - well bedded beds

3" - 1/2" thick no arg

component

N-9

same or as just previous

very distinctive white

weathering well bedded

finely laminated ^{olive} green

cherty sil rx with rounded

mottling on fresh surf beginning

to look more & more like clasts

to me but whether of volc or

sed origin ???

inter bedded with

crine & grey cherty

~+

107
78

W10

rubble pile of grey siliceous
rocks - all weather medium grey
- not all went to dark grey
when fresh. includes

so finely laminated grey - blk

- 1) massive chert w disc py - r2%
- 2) streaky lam grey sil rx with
minor Sb py
- 3) med grey sandy slate - no
lime

locally is argillaceous & has
fine frags (is all three are gradations)

some arg rx have lam at right
& to stony elev.

W-11

between here and W-10
there has been no of but
lots of obviously local rubble
of grey cherty rocks and
grey arg chert.

at W-11 is an interesting light
grey stony siliceous rock with
hematite streaks.

for past few 100' have seen
cherty rocks fract r with hem on
fractures - also some Mn staining

ck on BL 150N @ 184+70 E
top of ridge on " @ 190 E
195 E - 199 E steep slope
202+60 E = ck on BL 150
204+80 E = ck " " "

N 12

dk grey slate

poor rds

slaty arg ls +

p20

" limy arg

176

slumped?

N 13

BL 151W 234 E

clean off white to creme
creme to grey weathering
mod well sorted - med
gr - grains well rounded
massive gtaite - some
limy gtaite.

BL 150N 239+80 E = ck

(N-14) breccia - various frags in
 sil matrix - poorly sorted
 first of large to pinhead size.

low angle foliation
 plane of imbrication of pebbles poorly defined

possibly a cold agglom

(N-15) well foliated
 siliceous shale and
 thicker gritty siliceous
 beds sort of micro
 version of N-14

overlain by minor angular
 rocks. thin hard massive
 slate like N-13 about
 25' thick which may
 pass upward into slate
 to shale sequence with
 steep cleavage restricted
 parallel to beds

149+10 on L136E = ck
 135+60 on L150W = same ck

Not Claims

22 July

cool cloudy windy
rain showers

valley bottom on B/150 rd = 118 + 50 E
neck there though. Some
water flowing near 119 + 50 E but
downhill from line

(N16) - local looking flat of reddish
brown to maroon and cream
colored chert - very reminiscent
of Yeti Area near ^{stake} of first
traverse. also lots of ^{fractured} grey chert
ex nearby

(N17)

105
73

yellowish brown weathering
1 + grey chert ex ^{locally} a much fractured
with minor py on fractures
220
75% mineralized on fractures

These ex characteristically
have 1/2" brownish to
greenish grey weathering
rind but on inside prove
usually to be 1/2" - 1" grey

(N18) felsenmer of lt gray
siliceous slaty rx - commonly
with bedg & elev. at high
*

(N19) rubble of arg blk chert
(or dk gray) & blk chert

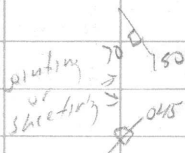
(N20) outcrop of -lt gray to
black slightly arg
chert - no artifacts possible
looks fairly massive -
may have low & Flm

(N19-N20 rubble of blk chert
+ arg chert + some
sil shale)

(N21) medium gray shale rich in fossil
frags and some whole frags -
contains a few 1st beds ~6" thick

(N20 = N21 out of shale & sil shale all gray)

(N 22) high fractured ^{etc.} shale, red
rusty chert



possibly in silic fault zone
check for Cu Pb Zn Ag

N-22: 115/2850/830

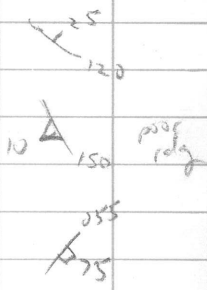
(N 23) white quartzite - massive
well rounded grains
fairly well sorted
reminds of ~~missis~~ but
whiter - very clean sediments

75 | ??
175

directly across gut.

light gray vfg. siliceous rock
with highly lensoidal ^{layers} ~~weathering~~
pattern on weathered surface.
Rock must be highly siliceous - looks
glassy when fresh - interbedded
w/ 6" x 2" thick 1st beds

some indication
that particular
layering is not
a close stratigraphic
layering

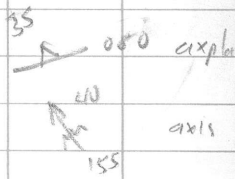


N21 - highly washed up chert/lstb
sequence



No really good folds but hints
of them

good
JTS. Δ 19 050



N25 float of shell from grey slate
s/lstb.

23 July

ptly cloudy
warm - windy AM
cloudy - cool - showers PM

N-26

015
57
025
P92

gently dipping - rusty weathering
very fine grained - slightly sugrose
medium grey glassy looking siliceous
rock - hard - with few % dissem
to blobby (masses of fine po) pyrox.
traces of epy - some rx here
have light ^{colored} weathering rind about
1/32" thick - seems to characterize this
stuff - don't see pheno but could
be acid role - has fine streaky
discont. lamination

N-27

4
160
003
4

as above - nearly
flat difficult to measure
looks like no exposure of
a lower strat unit but some
cut pebble ^{fit} congl like that at
200 was seen at base of hill
near little pond on L136E

some possible very fine brn sphat
with po in xtal?? tr(G??) (see samples)

N-27 = 33 / 156 / 2220

N-28 as at 27 lots of flt no of possible brown sphal w po in xtal ?? tuff?? (see sample)

N-29 spectacularly thin bedded slightly rusty buff-cream and dk grey weathering rocks beds range up to ~ 1" thick generally $\frac{1}{8}$ " to $\frac{3}{4}$ " cut by good cleavage parallel to axial planes of small folds - a few small thrusts nearly parallel str - some related to Z folds (looking north) with $\frac{1}{2}\lambda \approx 1\frac{1}{4}$ " A_{22} "

?
314?
175 45

on fresh surface rock is interbedded dk grey v. grey silty, coarse but fg off white to glassy some siliceous rock like that seen previously - considerable v-f. diss metallic min - may be a spy

?
16 / 40
172 175

N-30

- ditto rx -
(may be slumped)

20 - ? slumped?
175

axial plunge
of isoclinal rec^t fold
with ax pl parallel
to layering

15°
← 290° ? 2 fold
(early fold)

50' from - ditto rx -

30 - ? slumped?
180

late fold ?

difficult to
get and
may be slumped

SS ↓ axial plane
of S fold
125

31) massive to finely laminated
white to cream weathering (black
when cover really good black)
weathering - light - med gray
siliceous rx vfg - minor diss
sulph aspy or py - has thin
off white weather rind -

similar to N-26 → N-28

very unlike N-29 → N-30 - nearly flat

underlain by blk ch^{med} + grey shale
(20") 612 f

then by m^{rs} s. l rx s arg.

N 31 = 22/34/480

then by light gray to ^{off} white massive to laminar
vfg siltstone sil rx 25 ft
170

(N-32) white weather sil rx
as a f N-31 -

T 110
2

(N-33)

light gray to off white
vfg sil rx - slightly ^{fine} increase
texture - weathers white
to slightly rusty - like N31 to 32
fine sulph - some p.?

(N-34)

same gray silt rx with
weather rind. - some float
of thin bedded rx as at
N 30

(N-35)

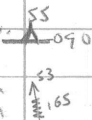
thin bedded gray & light gray
rx - quite a bit of sil arg 005
float - looks like some ^{other} beds
are that f-25

24 July

pbly cloudy
warm - few
showers

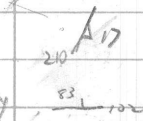
N36 med grey slightly siliceous
blocky slate with
some interbedded
grey lst

slaty cleav.
& bedding
circulation
lineation



N37 Finny oc looks like lst cong ls.
lime cemented cong

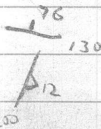
N36(cont) other side of same
of bdy's cleav clearly
not parallel - same lithology
Some arg rx have fine
white beds



nose of same
oc
bedding dips
northerly but
cant measure
could be 30° or 260°



same GC



N 38

thin bedded sil. arg.
+ interbedded grey ls

40
LA 125

beds
in a slaty
clav

good jt set
some with
displ of drag

H 55 090



looking
west

N 39

possibly local flt of probable
grey shell bearing slate

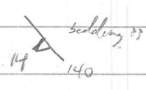
N 40

mixed bag of (grey sil. ex. mass
+ thin bedded) ls + sil. slate
signate not too distant from
source but likely glacial stuff
plastered on sides of hills - one
boulder with good mushroom
in folds

(N 41) dk grey gneiss with limy streaks
limy gneiss? - or messed up gneiss/ls
or limy gneiss/ gneiss thin bedded
sequence, ?? very fine grained
with what looks like a few
% of diss sulphides - thought
I saw a clot of sphalerite
in one rock but couldn't see
it again - rocks locally
slightly magnetic - rock vaguely
reminiscent of calc-silt at Dana
in "unit D" - rock has ^{thin} weathering
rind as rocks across valley have
but is darker colored

(N 42) Fragments of ^{grey} slate some siliceous
& some with shell fragments (or
whole shells??)

(N 43) Eg dk grey gneiss
appears to be near top of
sequence and may be
interbedded with slate or may
grade upwards into slate in any case
overlain by slaty rx -



(N44)

finely bedded dk
gray quartzite

T 110
69 ot?

beds here very regular
's cut by clew

30 52

flr (which is what I measured
at N.43)

(N45)

thin bedded v. dk gray
sil rx s' light - med gray
sil rx - not terribly white

T 110
74 ot?

N 29 (but I don't think the same) 40

also massive white coarse
almost gritty pure clean
quartzite

174

(N46)

messed up gray sil rx s'
fine

similar to first or second

(N47)

dillo

40
175

27 July

pty clastic
mild

149N 144E local E of fossilifer
limy slate of slate

150N 150+60N small stream

N-48

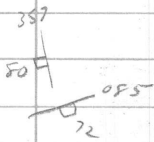
very dk grey gtz. - non limy
weath lighter grey - somewhat
limy looking weathering pattern
has thin weathering rind



N-49

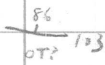
ditto

(some stony float
nearby)



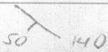
N-50

very finely bedded v. to
almost cherty gtzite
dk grey as above
very similar to N44



also softer more irregular
med - dk grey gtzite, fg

med gtziteous 1st



(N31)

small or of massive rusty very well
sorted ungrained well rounded
quartzite - some Fe cement - fairly
porous - grains $\approx \frac{1}{2} \times .01'' \rightarrow .01''$ diam.
some relict ~~quartz~~ vugs with euhedral
8x20s of mica

(N32)

Flats of G fairly bedded purplish
gray fg quartzite like 44 & 50
of siliceous lat with considerable
calc cementing - trace malachite in
a veinlet

(N33)

Flats of gray slabs - limy slabs
of slaty lat also a little uphill
interbedded ^{med gray} quartzite & arg quartzite -
some of quartzite is poorly
sorted and has ^{small} grains up to
course sand.

(N34)

massive coarse ~~sorted~~
pure white quartzite just like
N45 but possibly higher in section
and light-med gray fg quartzite -
Very glossy ^{with mica defined foliation} ~~with mica defined foliation~~ ^{few % PY?}

some light grey gtzite
appears to be bleached
eggs of dark grey gtzite
typical of this hill.

N¹⁵
103

- (N-55) large rubble pile composed of
- ① v. dark grey gtzite with light grey lts like weathering rind - but very hard & no lime
 - ② light - med. ^{gray to slightly greenish gray} fine grained but clearly granular gtzite with light grey seriate folia
 - ③ coarse hard massive pure gtzite (minor)
 - ④ very fine grained dk grey arg gtzite
mostly 2 variants see below
bedding: cleavage where visible
are not far apart - 30°
is common.

the variant of 2 is a rock characterized
by highly lenticular structures

flat lenses of seriate or oblong lenses
of coarser granular greenish gtzite
in fg grey matrix or med-dark
grey slightly arg fg matrix.

these rx characterized by (relief) differential weathering of the different components of the lens - see samples.

(N56) - coarse clear gtzite some gatty - massive very much like N-54 could be same beds - also ^{slightly rusty} relief weathering mid-light grey gtzite as at N55

(N57) ditto - as expected from black leather cover - weathers grey lead.

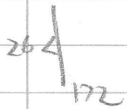
504
150

(N58) light & dark grey sol. Eg and coarse grey gtzite. EIT from up hill

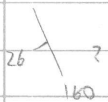
(N59) fine grained light grey granular sol rx (gtzite) locally finely bedded some fine ^{by L. ...} have light

green after a long beds along
 fronts - the rock is very hard
 scratches hammer and will
 not powder but fuses with
 great difficulty around greenish
 beds - should check with microscope
 but these must be dolomitic gabbros

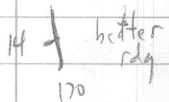
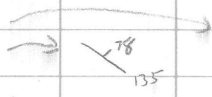
can't seem to
 get good
 bedding in o/c!



a little further
 along o/c



same o/c
 can't see
 axis but must
 be there!



should be a Σ fold
 with a plane dipping
 SW ward.

these rx weather orange to
 rusty - how unusual for
 dolomites !!! ? * * @ * !

N-60

ditto also of light greenish grey
massive finely granular ex with
off white relief weath.

N61

fg. dark-mud grey to light
greenish grey sil ex - rough
weathering (orange to off white
to grey weath color) - also with
weathering rind - these really
don't look like anything
but fine grits - some
relief weath.

N62

slight ^{rough} clay weath - fg sil
ex - probably grits

N63

dark-mud grey of fg sil ex
probably finely granular - weather
roughly - slightly rusty to light
grey - won't fiss. have irregular
coarser excess also N41, 43 etc

N64

essentially ditto -
mid-dark gray very fine grained dense
siliceous rocks as above - mostly
massive - grey to buff weathering
with rough carbonate like surface
but without fiss - mostly fairly
massive but some fine bedded
rocks which are usually light grey
interlayered with darker grey.

N65

Block here mostly fine
bedded orange to grey
weath light-med sil rx
dolo & tate? good rough
weathering but plate weath
not particularly pronounced

N66

Blocky rubble of dk grey arg
chert as very fine gtzite - near
2365 in BL 100N

N67

dark grey very fine grained finely
bedded gtzite - some weathering
both orange some ^{ore} white some grey -
many with weath rind but no rough
surface - some with both - relief
weath locally but not well developed

I have a feeling but can't substantiate it that I am strat below coarse grades but maybe not too far.

(N68) lg well bedded dark grey sil rx - weathers light grey to slightly rusty without the rough lumpy like surface (but close to it) - One to a few % fine py as is usual for this unit.

(N69) foliated to massive dk grey lg sil rx → 20
locally fine bedded ↘ 160
072
Dgs 170

(N70) lg med dk grey sil rx a.a. - seems
rextallined. coarse foliation
and possibly axial plane of
foliation on fine bedding
085
30

Early bedded in

N 71

dark grey vfg massive sil rx
weathering grey with a weathering
rind but without the rough surface
minor ^{dk grey} siliceous slate. opposite locality
grade arg grading into sil slate

N 72

N 72

dk grey vfg sil rx - massive

N 73

dk grey vfg sil rx as the
rest many stations -
here the rocks are
irregularly blocky along
the foliation

87 / 022

000

12 < 100 / 129

N 74

ditto but not so reballized.
Rock is so fine that its
almost cherty

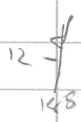
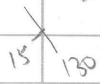
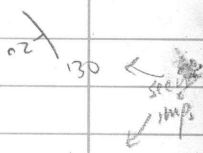
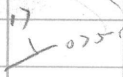
89 /

130 /

185

Some ^{nsky} black arg & tsh or chrt
check for 24 N-74 = 29/30/38

also very finely bedded largely with
better steeper bedding orientations



other end of of slightly
arg blk chky gtsite
clew & bedding

N74 → N75 - more of same locally
reestablished

(N75)

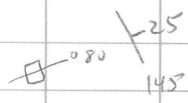
black maybe slightly
arg chky gtsite



get feeling of Bln dipping
into hill ~ 20° but can't
measure

(N76)

- ditto -



(N77)

massive coarse pure white gtsite

29 July

ptly cloudy
mild

(N 78)

139N on 136E

medium to dark grey medium
to fine grained siliceous limestone
fairly massive but for
foliation

9
115

30 ← 112

folded into very tight anticlines
5 max open synclines - very
well foliated both sil & limy
rx - the fln probably accounts
for eutaxitic structure

74 d
162

med-fine grained medium 315
to dark grey limestone - weath
both - moderately foliated due
to small argillaceous component

N 79

095
15

fine bedded dk gray vfg sil
rx + avg fg sil rx +
sil st - 1st - some slate

N 80

- ditto -

10
148
86
115

N 81

med-dk gray
very finely bedded argtites
with fine light - med gray
beds & dk gray beds - light
beds weather buff to orange
dk with gray - a
few 1/2" thick limestone
beds - The sub weather
light beds fiss with great
q. sh. difficulty but can't be sure
if the rock is just letting
off air or not.

very much like N 59 sub for
lensy beds - the light beds are
somewhat irregular & could be bleached

V 113
15

87
146

85
135

V 45
138

260
20

to bed (slightly limy)
also light green of shale from
well sorted s', rounded to
poorly sorted rounded grains
floating in fine matrix
or bed several feet thick
the whole side of shift
is like N50 + N51

N-82

massive to irregularly
bedded light grey v. g.
glassy sil ex with
wisps s' diss of pot + tr cp
s' probably some with
py
fuzzy mottling in
places - could be stal
trub - just like roots
valley

N83

v fine grained grey sil rx - seem to be irregularly banded along tapering (thin or bedding?) - irregular shaped remnants of dark grey material like dark beds at N80 5' lighter grey material like light beds at N81 in the rx at N82 - several 1/2 py 5 to 6 py

also some thin
bedded rx as at
N81

py

67

143

N-84

lots of white coarse grey
massive of fine chert but
no ore

N-85

massive to weakly banded
but to grey massive blocky
1/2 py 5 to 6 py sil rx as at N82
some seem extra rusty
of fractured & have yellowish
oxide but no sulph other
than 220 Pacific Railroad 5 py

N 86

- massive light gray weathering
white coarse gtaite - apparently
overlain by buff to gray with
vfg gray sil ix - the sil ix
are variably bleached with
dominant light gray vfg
sil ix enclosing wisps &
masses of dark gray sil ix

gtaite appears to strike W or
just E of N

N 87

- mostly foliated buff to
gray weathering rarely thin
bedded vfg 1/4 - med gray
sil ix with wavy line
& irregular darker gray remnants.
Some coarse gtaite float
here of this probably because
there are thin beds of same
in with the fine gtaites.

From 86 to 87 seemed to get decreasing
amounts of coarse white gtaite
possibly due to a gradual grading

N-88

siliceous argillite and arg
cherty rx - most at least
a little friable and rusty.
may not be local but
rocks like a good bit

N-89

dark grey to black chert
arg chert of siliceous argillite
slaty grey weathering rocks
also finely bedded dark
grey to black cherty
stratified - very much
like N-74

near 200E on BC 100W
very minor but much grey
sil rx as previously - everything
is float but the black rx
are obviously local

N-90

grey weath to black very finely
bedded black cherty ²⁰ 120
stratified - arg chert as
above. - see to be isoclinal

For lots of sil rx
ax plane // to bedding as whole
820 Pacific Rimproo
dams with 2

(N-92)

dark cherty gta fec
as previously with
perhaps more than
usual amount of rextallization
possibly some spinel
Right on old gravel
cut line

Jun
on old gravel line cuts
3L 100N at almost exactly
191E - can't see anything,
but 100N 191E = 147E on
that line - old Jun
line runs ~ 072°

Jun line
9/50 hits an old gravel
line at ~ 76W but can't
get anything

(N-91)

rusty v. g. heavy silice
at head of gravel (camp)
creek - minor py. check
for cur pb zn

claim line X's 136E @ 145+70N

Nov Claims
5 Aug 78

Warm ptly cldy
Showers

~153E 147½ N = 4 Nor CP

166+90E 149N = 2 Nor CP (Finals
of
group)

(N93)

massive
offwhite to buff m-fine gr
grtite

wired tree here

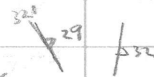


(N94)

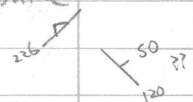
dk to cherty grey to dk
gray grtite - appears
massive - looks quite reballin
few % py dissolution fracts -
possible to sphal ??? - some
fairly local looking Flb
of course - on grey massive
light colored grtite.

(N95) light colored massive coarse-grained gtside

(N92) medium-dark grey siliceous slate + dk grey chert or vfg gtside - some rusty mag. rx with vfg sulphide



(N97) sil slate & fine bedded chert or cherty gtside all fairly dark grey



(N98) foliated dark grey cherty rx



early flint? could be later one wavy wide spread

(the dips on these flint are for real - I checked them)

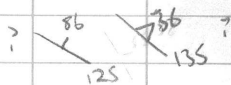
(N99) med grey slate - somewhat siliceous



(N100) dk grey slate - siliceous slate + chert & chert - Dips ~20-30° NE?

(W101)

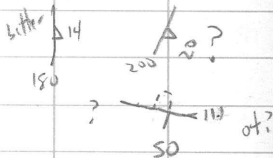
rusty weathering medium grained
light colored g. t. ls. inter-layered
with grey slate



(W102)

thin bedded slate-locally
limy

110° X → 9



ungrained
massive slightly limy or
dolomitic g. t. ls. just to
north

(W103)

light colored g. t. ls. E of /
grey slate

(W104)

med-dk grey v. lg. limestone or
perhaps dolomitic ls. - looks
to have frags of other lithology
locally



N-105

black finely bedded argill
chert or chty gtzite - good
fishity & earthy texture -
very distinct from usual sil rx

near 136W on 208E flat of
sil slate & ^{massive} gtzite + fine
bedded chty gtzite or chrt

N106

very finely bedded ^{blk} grey sil rx

45
140

74
165

N107

grey siliceous slate - ^{blk} argillaceous chert
& blk chrt

40
151

N108

light mgr
wtzite & slaty rx (rusty weath)

70
156

N109

ditto just lcl flt (rusty weath)

N110

maybe not so local blk of buff to
white gtzite - slaty rx & some (rusty weath)

(N111)

finely bedded grey
slate

on top of the
knippe?

p34 / 140
125 195

??
??

into
crack
in fln

X
↓ 150
? 13

8 Aug

(samplers got today!)

ptly cloudy
warmer when
clear

128+50 top of ~~hill~~ ridge

122+20 small scumle

124+60 top of ridge

124-129 more or less flat
ridge top on scale
of topo sheet.

N112

medium-dark grey

very sil rx - massive

68 X 155

to slightly foliated - some

flat is finely bedded & foliated

but can't measure it

N-113 no outcrop here but lots of local looking float of massive to foliated light to medium grey (some tending to dark grey) vfg sil rx weathering white or buff with weathering rind ~~from top~~ ~~of that~~ - some finely bedded foliated sil rx - on top of hill & to lesser extent on sides there is lots of float siliceous slates

N114 very finely bedded buff to offwhite slightly relief weathering vfg medium grey siliceous rocks - these are identical to the rx at N-58 (dolo-grite) but you don't see the massive light colored g-tzites around here except for odd piece of float around N102 & below.

N115 recrystallized &/or altered vfg sil rx - seems to be dark grey vfg sil rx with seams, layers & lenses of coarse - calc-sil ?? offwhite rock.

(N116) - Vg grey (medium-dark) sil ex with some similar rock but rich in sulphides - probably mostly Fe sulph.

(N117) ~~dark grey~~ dark grey argillaceous chert or cherty gtaite

(N118) gbd + sil of finely bedded buff weather sil ex

50 Δ 140

(N119) massive to foliated generally buff weathering vlg medium to light grey siliceous rock same with ~30% remnant streaks of dark grey sil ex

(NR6) float of buff to off white weathering med grey sil ex

10 Δ ??
60

114 + 140 N on L 136 E - claimline

4 Posts ~ 180' east of L136E

132 1/2 N Bank of slope down
134 N - se of 132 1/2 N with very shallow fl.

10 Aug

cloudy with
cool wind
few showers

(N121)

slightly
limy arg. Maceous
chert or cherty gtz. fr.

27°
140

dark grey - ~~some~~ with
small ^{abundant} calcite x'tals
Some siliceous lst.

(N122)

limestone & interbedded siliceous
rocks

31°
150

Foliation
is shallow
with similar
strike slip
direction but
can't get good
meas.

(122 → 123 = dip slope in
sil & limy unit rx)

(N123)

limy & siliceous rocks as
previously but here the rx
are apparently re-crystallized

13°
120

& have coarser off white
"lenses" apparently gtz scale

(maybe some calc sil mins)

lots of shrap here. these look

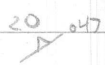
similar to unit D rx at Oana

near 12E on 70N TH also quite

a bit of siliceous shale slate some

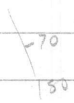
dark grey with orange to yellowish
rusty interior weathering (check for Cu)

N-25 limy dark grey
 v. lg slightly arg.
 sil rx (chb or chlygite?)
 with minor limy rx

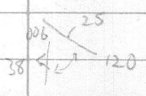
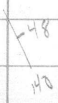
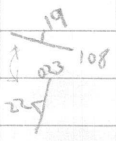
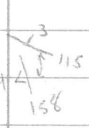


(N-126) - same rock as N-124
 with streaky lensy
 very fine dark grey arg. off white coarser
 re-crystallized patches - here & there
 there are coarse limestone (?) (just veins?)
 bands. parallel to cutting across
 the banding / ltn defined by
 streaky lenses

N-72 quartz & limy quartz both
 coarse of massive - limy
 quartz may have Tr sphal



N-128 1st arg v. lg dark grey
 siliceous rocks. 1st beds
 18" thick separated by
 2x sil material -
 cleavage strongly refracted
 becomes closer to bedding
 in sil rx than in limy



N129

- ditto -

limestone beds interlayered with
argillaceous massive to ~~thinly~~ finely
bedded siliceous rocks.

45
120

N130

ditto here the gray ls +
beds are highly bedded
with bedding lying in marked
foliation (which seems to
be almost parallel to
slgs in previous ofcs) - resemble
limestone cobble conglomerate
but looks to be tectonic things
(some ls is crinoidal) (chert)

40
142

(N131)

- ditto - less ls +

12
126

20
150

(N132)

11 gray sil
Flint of rusty weathered with
5-10% po + cpy maybe
a little sphal

took several samples for geochem

(N133) White weathering medium to dark grey siliceous limestone or very limy v. big g. strike. quite hard but fissures well, nearly flat lying to w by dipping
 Gen 0 (underlies main section)
 (note 133 samples should be 134)

(N134) very rusty weathering massive to finely layered light to medium grey fine grained siliceous rock with 5-10% diss sulph
 po + py + aspy? + to cpy
 make some chalcocite
 (about 50-75' thick) 14 +
 165

(N135) thin bedded v. big sil rx
 medium grey & light grey - light lenses layers & b. lks on darker background,
 over the mineralized section
 T 080
 8
 Sta is steeper dips wly maybe 20°
 v. hard to mens.

N136 Flat top of of sulphide zone

11 Aug

cold! - cloudy, slow wind

N137 (~ 104E 133N)

medium grey fine grained siliceous rock with typical foliated structure light grey lenses & layers so closely packed only ragged darker streaks remain - surely a recrystallization phenomenon - has 1/2 fine sulphide - sample taken to check geochem

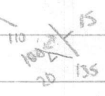
poor example of building strand to mass

136 137 162

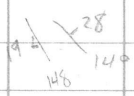
quite a bit of flat top group to north

ix on top of hill here are fairly rusty of have 1/2 class poor don't rock to be part of sulphide zone

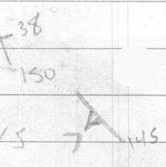
(N-138) High grade Pb-Zn float - coarse
 blebby galena & blk sphalerite with py
 in alluvial (chloritized?) looking fine
 grained greenish grey sil. ex - weath very
 rusty - one boulder amidst many
 smaller ones in alluvial terrace.



(N-137) Pass to light grey weathering
 white weathering from a distance
 hard fine grained sil. covs.
 rock with blobs of layers
 of light grey in background
 of dark grey slightly argillaceous
 of sil. material (some sil.
 arg. here as well) - rocks
 weather light grey & have
 rough weathering suggestive
 of limestone but mostly fine



(N140) Spectacular light grey to white
 weathering of siliceous rocks -
 white weathering "layers" are
 calc + gtz - grey weath. layers
 srs + fine gtz



this is clearly originally a siliceous
sed interlayered with calc sed & later
deformed, probably while ^{still} on pleistocene
with consequent migration of
various components into foliation

some later crumpling
looking W →

76 076

120 063
22 / 15

These dx = 139 & 133 & 135

N141 (SW side of little key shaped
pond in draw)

summit ^{alt. - west} grey weathered dark grey
arg shaly & cherty g. sh. etc.?
very different from 140 must
be important fault up
draw - presumably with
E-W displ. ex here seem
typical of the mountain to
south - have minor dis-
py

other side of draw
(N142) ex like 140 but
not so spectacularly
banded & foliated

in get to E

N 143

dark grey arg
cherty quartz(?) - well
layered - some coarse
white re-crystallized lenses & layers
minor coarse gr. quartz
minor glass py(?)

037
K14

N 144

in gets to W
ditto also with subtle Clin
dipping shallow Wly
but can't measure

114

what I am measuring as
bedding is also axial plane
of re-orienting isoclinal folds in comp
banding. If can't measure axis

140

N 145

ditto E
on W flank of ridge

N 146

on nose of ridge
ditto as subcap + rubble
although some of these rocks
are slightly lumpy or maybe
dolomitic no good 6" limestone
beds are found despite
give a bit of looking - don't
believe however that we are
strat far from 1st bed
bearing section but probably
no or on this ridge - ex
here are similar to N-29 - the

thinly bedded rx -

N-147 massive light gray to greenish
gray vfg siliceous rock -
some brownish & greenish
streaks - haven't seen anything
quite like this to date
wee.

N-148 dark gray & rusty weathering
irregularly bedded rocks
as at 143 → 146

035

124

also float of same on
S side of hill and top
of hill

good

129
158

hard
to miss.

14
145

(the bedding here is as always)
144 could be transposed
into 5,

N-149

199t & dark grey
banded rx as

035
10
building
or falling
early

previously but light
bands have brownish
tinge & rx have slight
greenish weathering -
some green on fresh
surf - maybe chl or
some calc sil - seems
to be altered ^{dk} grey arg
chty rock originally - very
messy now.

N150

well layered incompletely
recrystallized med ^{dk} grey
light grey rx

60
165

flag in clearing at
terrace in ps 20. ck
15 966 118N)

• ←
outline
clearing

9 Aug

No. claims

overseas 7

Line 40

Pb high

115 - 127

highest 116, 126

Zn high

109 - 134

highest {

- 128 & 130
- 122 & 124
- 110

Line 48

129 - 141

130 & 134 over 1000

very high 134 - 140 incl

566

Pb Zn Zn high 1000⁺ @ 130N

1133

light to medium grey
with weathering black
broken covered fine
grained siliceous rocks
probably fine grained
might be crystallized
micro-sulphide some
be as with ~10%
some possibly very
finely, scattered body.

light grey unit continues around
other side of water to a same
level or lower then is abruptly
underlain by dark grey to black
grey to rusty weathering chert
argillaceous chert and siliceous slate.
locally with a bit of sulphide
in veinlets but nothing spectacular
Some smithsonite? locally - this
unit continues down to BL100N
(at GFE)

these dark rocks are replaced ~
300' N of 100N by light to
medium grey irregularly layered
rocks with greenish grey lenses
& layers (calc sil??) some med
-fine grained massive off white
g'tzite & quite a bit of finely
bedded med-dark grey g'tzite
some probably limy - this
in turn underlain by more
black cherty arg rx - dark
rx in turn underlain by
buff to grey weathering lighter
more argillaceous rx as above & at N54

(N154) light to med grey buff
weathering weakly foliated
rock some greenish patches
& light & darker grey patches
elongated into E-W way
have some calc sil rain - minor
by

N155

medium gray gray
to rusty weathering
vfg sil rx some
with considerable py



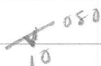
N156

medium gray finely
bedded rusty weathering
rock with few % sulphides



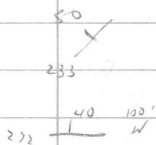
N157

irregularly banded altered
looking rx - similar
to calc sil like rx up
hill



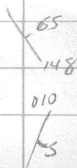
N158

finely bedded buff weathering
light - med gray vfg
gta etc



N-159

medium to light gray
vfg siliceous rock - some
darker gray layers & lenses
minor galena on fracture



(N160)

local float of medium/dark grey
lensy banded rock with minor
inset bands

(N161)

White to light grey weathering light
grey probably calcite bearing vfg
strata with recessive beds defining
fla (as at / just w of Key pond)

Note

406 120N is right in a gub
draining the sc at 759
ca 300' to the west.

(N162)

finely lenticularly layered
light & dark weathering
light & dark grey vfg
sil. m. - rextallized
cherty strata 2' - 3" thick
rextallized calc sil. ? lens
ll to flm with minor
galerina,

054

A>