

WJM  
77-3

896445

NICOLA

**nw**  
wade

**FIELD BOOK**  
CAT. NO. S.E. 515/8674

norman wade company limited



Cloudy

## Checking Mouse (Ding) Trenches 9a I/2h



X limonitic zone

A - Green matrix - clasts volc + fs (plag); 50%

avg 1 mm + less

Clasts red gray green  $\frac{1}{2}$  - 1 cm,

generally rounded

seems to have sandy interlayers

Definitely a reworked sediment.

Polymictic, has some frag volc clasts  
+ volc sst or tuff clasts

Clasts loc 1 → 5 cm avg range to 15 cm.

Some pale gray acid lava clasts

alc ridges trend 070 also

% clasts varies - 30 → 65%

Generally reddish whol surface -

B Pale gray - bleached chloritized, smashed -  
looking volcanic rock - not sure if it  
is acid or bleached andesite

(246) C Turquoise gray-green calcite-veined  
plag. andesite

The next  $\frac{1}{2}$  cft to NW is darker green aug.  
plag andesite - not amyg.

Get qtz, cp, cal veins + pockets  
in andesite.

D Trenches cut in areas of limonitic  
stain - assoc w. cal - siderite (?)  
veining.

E And. w. minor carbonate veining  
very minor Eln menz in some  
carbonate veinlets.

F Qtz-carb cemented bx zone  
090/ ?

Limonitic zone in main trench appears  
to have bleached, sericitized carbonate  
veined andesite CR but is close  
to the Frag vole contacts.

Veins have limonitic (siderite?)  
halos - menz cp, minor galena.

cg calcite pod 05-020/35-45 NW  
 general trend of more obvious carb veins  
 cpy brg 035/85 NW  
 slickensided face 030/90  
 slickensides vertical  
 (devel. on chl fr)

G Limonitic zone trends ~040° - 15 m  
 both and + frag volc along contact.

(247) Minted samples

H Trench in andesite - loc finely amyg.  
<sup>stockwork</sup>  
 Carb veining in shattered zones on  
 bottom of trench - no Cu seen.

I Carbonate veining in dk grn felds.  
 and 025/60 NW (follows subper.  
 fr. so wobbles a bit)  
 often in "pockets" (vugs?) - And.  
 loc amygdal.

Head 120

Frag with blocks to 30cm has grt carb  
 veins + in shatter zones - "pockets"

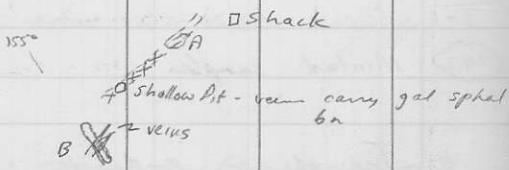
which form along a network of fractures.

~ 500

Hilltop just beyond is little swamp area  
+ old shack

Thin Beds 000/78E (halfway from  
peak to shack)

WJ142



A carbonate veined limonitic  
stained partly oxid. aug plag  
andesite.

vein Qtz - carb. limonite  
core

B Trench. <sup>main</sup> vein 040/85W Trench 155°

CR is green foliated (after a fashion)

fg volc frag - most grains 1 mm  
chloritic clefts 2-3 mm local volc clefts  
to <sup>5</sup>mm.

(248)



Veins are gtz - carb - siderite (often at edges)  
and carry galena, sphal, cpy and some  
bornite.

Brg  $40^\circ$  went 210 in error

Flow Beds  $045/80$  NW in plag ~~and~~ <sup>andesite</sup>  
amygdal.

~500'

(249)

Red wtrg thin bedded? gray fine  
grained fragmental volc - clasts

1 mm range. Apparently folded

Beds	000/90	000/75W
	025/65SE	060/75NW
	017/75SE	117/67NW
	172/78E	115/84NE

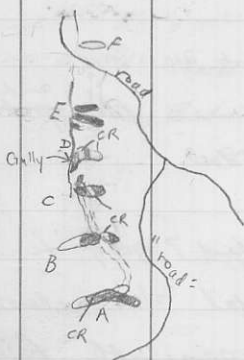
~750'

New Brg roughly  $270^\circ$

TRUCK, LUNCH

Now in trenches SW of steep linear  
Valley - photo 7103-210

WI 143



■ Leached zone

TRENCH

A

CR rusty w/ty dk gray augite ande-  
site - matrix holoxilne Fair magnetism.  
250  
Contains 2% dissemin py + minor cpy?

Rusty white to pale gray rock  
in east side of trench. White is  
completely leached, grayish has 7%  
dissem partly oxid. pyrite -  
rock texture locally recognizable.

CR/leached zone contact  $\approx 125^\circ$



- B <sup>most</sup> All exposed rock is rusty w/ry + white - all pyrite leached  
 sample taken to test FeO content.  
 lens of less act. dk gray and.  
 CR - contact  $\approx 170$
- C Less altered zones vs leach zones  
 trend  $\approx 145^\circ$   
 CR to dk purplish gray plag  
 (12%) andesite - plag  $\rightarrow$  green schist.
- D  
 (251) Altered andesite with lesser  
 leached zones. Leach zones  
 $145^\circ$  trend.  
 And has strong chl-ep. altm.
- E Leached strongly to very strongly  
 throughout. In places is a bx  
 cemented by goethite  
 - Road on corner
- F Rusty rubble, no etc  
 Head for truck

Chem Anal Sampling + checking area  
 Near TB 182 not far from Lst + Lakes  
 NTS 92 I / 2h.

TB 182 Is predom lt gray acid  
 lava to fragmental.

east of  
 TB 182

The qc has both acid and lg dk  
 gray andesitic-looking zones  
 Contact uneven but locally  
 195°.

acid  
 252

2h-CA-5

Sampled the diorite (andesite) for  
 chemical analysis. Called microdiorite  
 because matrix is a mass of felted  
 plag laths.

Acid rock pale grn-gray, silic, qtz  
 stempers,

2h-CA-6

At stn RB 42

Light gray-grn qtz eye  
 rhyodacite

mafic 3% Hb? → chl

24-CA-7

Microdiorite (or andesite)  
cut by ~~cg~~ p lag ppy  
dyke - Dyke 2.m, 130/90

Some epid. veining + altn

24-CA-8

Dyke from 7.

Weather - Bloody Awful - rain fog wind

IRON MTN - Started at Microwave tower Alt Set 5550 (confusion - Survey peg says 5943) - drove down to old workings with shaft + loading bin - about 1/2 mi south of Peak

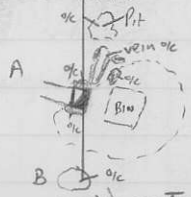
WJ144 Shaft seems to go 280/-60 at least 75' deep then heard rock splash.

minerals in banded ~~matrix~~ veins. Minerals are barite, galena, qtz

Cockscorb texture in gangue Galena massive, disc in

barite (?) + remaining of barite veinlets.

(253)



PARTY CHIEF French

WEATHER D

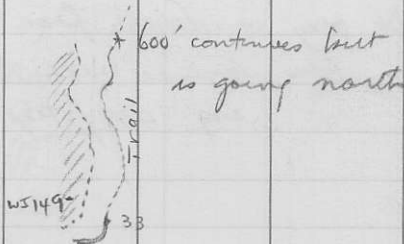
A The vein + accompanying rusty w/try  
pale gray bleached silicified CR  
zone trends ~ 020. Rusted zone  
~ 25' wide - vein system apparently  
several foot-scale veins.

(254) B The CR here is dk gray red fq frag  
volc - clasts to 3mm, most 1mm,  
feldspathic <sup>H<sub>2</sub>O</sup> heavy pyritic fractures

(255) C % looks like a flow until you see  
some clests + locally in float  
there are thin bedded zones.  
Is it a flow layering? - red w/try  
red + is prob like the red  
unit at the top of the hill  
Dk gray on fresh face  
Flow laminae have varied orientations.  
avg 035 / steep SE

D Trench 170° has DDH site at S end  
 & small etc of flow banded to  
 256 bxt'd red w/try "rhyolite"  
 Bands 008/85E

E The Bluff etc overlooking the main  
 road shows similar rock with  
 varies in texture from massive  
 to flow banded (contorted or  
 straight) to bxt'd (gts cement  
 in bx zones)



WJ145 Maroon amyg (dk grn, ~2mm) plag  
 (15% avg 1mm loc 2) andesite.  
 Amygs prob chlorite or qtz -  
 locally to 3mm, oxyhb 3% locally  
 also where plag<sup>has</sup> mod. pow epid  
 alt.

WJ146 Dk gray amyg and -amygs rimmed  
 with chl have zeolite? cores -  
 look carbonate but no fizz.

Varies to plag (15%) andesite and  
 % amyg as well as their size varies.  
 Cut by qtz-ep veins locally  
 calcite on fractures

Matrix dk gray → dk grn-gray  
 Varies to maroon plag andesite  
 Unable to get layering from amyg  
 zones - dista too uneven

WJ147 Dk gray plag (15% 1mm) andesite - amyg  
 with calcite fillings. 2% "oxyhb"  
 Quartz stumps + fr fillings

WJ 148

Silic. - looking pale to dk gray <sup>to green.</sup>

(258)

slightly pyritic so loc rusty wtrg.

A

The next 1/2 uphole is reddish

(259)

wtrg med gray + flow banded  
like the rock at the Old Mine.

Avg trend 017/80SE

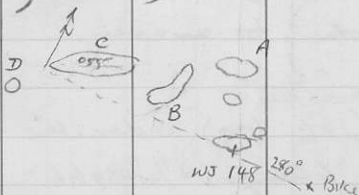
(survey sta 82N 79E)

B

Next 1/2 westerly is silic. pinkish  
brown with chloritic streaks  
+ pods

Laminated zone

045/83 NW

varies to pale gray with epid  
streaks + pods (replacing d. envt.  
zones?)



C The rock w/hrs salmon pink but  
 E15215 so sheer + more chloritic - still  
 siliceous tho No Flow Bands

(260) D Dk gray silic banded rock  
 again 029/78NW  
 minor ep on fr  
 landing elev 4975

W149 Reddish w/try grayish red laminae  
 (261) used to massive acid flow  
 rock.

Chem Anal  
 sample  
 Zc-CA-1

Laminae 037/87NW  
 but "swirly"

Am just coming to the end  
 of the cleared area

Brg 128 $\frac{1}{2}$  to end of Lake (east end)

Road ends at 0.33 E15050

(262) walked along old extension 600' - went north  
 checking rubble, possible 9% in old  
 logged area - rock is pale gray  
 calc sot with crinoid platelets,  
 and misc. calc. fossil remnants

WS 150

Maroon frag volc - clasts to 6 mm most (10%)

(263)

1-2 mm (60%) matrix hematized. Clasts generally sub $\frac{1}{2}$ "

Larger clasts have narrow bleach halos

Took road by old cabin

WS 151

Amyg (qtz, chl) dk gray grn  
plag 20% (5% 2 mm, rest ~1 mm)  
andesiteOne vug was filled by qtz  
& chalcedony.

311.55

Main Rd again

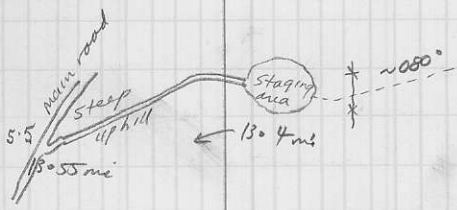
E1 9950

311.75 Old Cabin



313.55  
(55)

Mile 5.5



314.6  
(45)

Mile 4.5 Good-looking road goes up to North of Main road El 4000'

