

JOB NO.....

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825225

June 1 1988

Morning - bought supplies, Found
motel in Oliver

Dusty Mac - 9+40 N 0+75E

Fractures 086/64 N

012/72 W

074/76 W

Weather: Brown - Grey

Fresh Surface: Grey - Green

Felsic to Intermediate

Qz Rich

Terminated by rain storm

PARTY CHIEF.....

WEATHER.....



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May 31, 1988

Weather: Overcast

Companions: Graeme, Clint, Laurel,
Barry

Breakfast at the Delta Lakeside
(Peaches 'n Cream)

Tour of Jolly Property

Volc. Island Arc
W. end - more felsic
R

Seds

Phyllite

Syenite

massive
platy weath

Kettle River Fm

columnar jointing

PARTY CHIEF.....

WEATHER.....



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4+5 E

3+60 N

167/40W

✓

Lost blue sample book
OOPS!

large Fracture Fault
estimate From road

034/56W

✓

~ 3+20E , 2+90N

15 , 5+10E

Bedding / Fracture 045/49E

✓ 49

25 2+25E

Bedding / Fracture 147/29E

✓ 29

PARTY CHIEF.....


WEATHER.....





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7+50N 5+00E
Bedding / Fractures? 110/14N 

[4+00N 3+35E
Fault / Fracture 286/05N ]

3+90N 3+75E
Bedding / Fracture 170/26 W 26 

4+00N 3+75E
Fault 060/30 NW 
Fracture 115/90

Faults seem to splay → get about
2 per 2m x 2m region.

4+15E 3+70N
Valley bearing 270° to 52 (≈ 4+75E)
4+15E, 3+75W
Fault 026/90

zone ~ 10cm higher frac. p. ~ 3/10cm

PARTY CHIEF.....

WEATHER.....



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ends

15+00N

3+25E

Saw Coyote

- 11+05N 3+00E

Fault

094/18 S

092/24 S

Fault (same one)

088/36 S

Fault

11+25N

3+15E

DM88504

zone 6cm - 20cm width

some fault gouge 162/59W 59

rx. fr weath surf.: green to brown fresh: green

much clasts, subrounded,

vary from ~3mm to about 10cm

in size, variable comp.

fractures ~5/100cm²

CaCO₃ alt (softer) - get some
nice cleavage.

DM88505

Fault area

11+05N 3+00E

Med graded, looks more
clastic, some green colour on
fresh surface, some large
purple weathered clasts.

PARTY CHIEF.....

WEATHER.....



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May 30, 1988

Weather: Sun

Companion: Laurel

13+95N

4+25E

extends down
to ~ 2+50E

Valley trending 94°
(major - Fault?)

to the east, gentle to
mod dipping slope ^($\sim 32^\circ$) with
scattered outcrop.

to the west, pods of
outcrop

outcrop - still tuff

some minor green
staining near surface

- malachite staining?

rx very fractured
& weathered (much Fe
staining)

4+75E

14+30N

minor valley - major

265° Trending.

PARTY CHIEF.....

WEATHER.....



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Fracture/Bedding?

182/27 E

f

DM88503

0+75 S

2+15 E

Tuff

weath surface - brown to grey

Fresh surface - green to grey

Fine grained - qz, lack of mafics,

orange blebs ~30% (alt FS?)

mafic / argillite / organics in 1/2 mm

layer (occasionally), trace pyrite

Fractures:

(bedding?)

030/18SE

220/77NW

18
77

PARTY CHIEF.....

WEATHER.....



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extending from 1+00S, 2+80E
 another at 1+00S, 2+70E
 to OS, 3+25E
 major valley.

pinches out then back

trending 100°, minor
 valley, joining at ~ OS, 3+25E
 extending to 0+50S 4+00E

0+75S 4+50E

Sample DM88502

looks like tuff, more clasts (slightly larger
 - to ~ 5mm - 8mm)

1+00S 1+80E

155/48E

48°

136/43E

43°

PARTY CHIEF.....

WEATHER.....



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Valley Steps (072° Bearing Valley) at
 1+75N, 3+75E, at this location
 topography flattens between two
 hills (still slightly higher el.) goes to
 ~ 1+30N, 4+60E to about 1+00N,
 4+00E

1+10S 4+50E
 Valley : 144
 1+40S 4+20E Valley : 182
 182
 194

1+50S 3+50E
 Small trough
 Bearing 346°

PARTY CHIEF.....

WEATHER.....



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Fracture

070/54 W

~~54~~

Wk throughout rx, this particular one is strong

1+20N

3+10 E

Fractures

015/90

Pervasive
Strong.

Fractures

1+30N

3+00E

022/52 SE

~~52~~

here again on Fracture/Fault, orientation of 142/40 SW

find grey/blue weathering as well as milky white

Valley

Bearing

072°

1+80 N

3+05 E

(Begins)

1+75 N

3+50 E

Fractures / Bedding (?)

077/21 NW

PARTY CHIEF.....

WEATHER.....



032/66NW /

(no movement evidence)
 Fault (?) (Fracture/Calcite weathering?)
 1+10N, 3+15E

either fault or very major fracture
 having the orientation 170/28W
 on this surface, a different type
 of weathering surface: pale blue
 to grey blue, "bulby" type of
 texture (as well as a milky white "bulby" material)
 rx underneath - tuffaceous with
 larger clasts (~5mm - 5cm)
 clasts vary greatly in size & composition
 vuggy appearance of rx (some may
 be removal of clasts), vugs - 1cm to
 10cm, ~ 0-15 per m²
 Fracture/fault region - larger, almost
 erosive region (CaCO₃ present?)
 rx above almost
 seems to be extremely
 large piece of float
 (~20m, at least length)



rx above - same as underneath

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appears to be small subrounded frags
in rx (~ 3mm to 15mm), appear to be recognizable
on weath. surface, difficult to note on fresh.

matrix - fine - med grained

contains small flecks of black + pink
minerals (black - acicular, pink - anhedral
to subhedral)

black - Hbl (?)

pink - FS (?)

black - ~ 3%

pink - ~ 3%

(looks like tuff from property last year)

matrix appears to be mainly

qz + could be crystalline

Valley trending 104°

0+50N

4+00E

Tuff

0+90N

3+75E

Bedding

056/54NW

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WEATHER.....



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May 29, 1988

Weather - Clear with some clouds, becoming cloudier

Companion - Laurel

Took Truck

0+60N, 3+50E

Valley (Minor)

Trending 035°

extends to about 0+50N, 4+00E

at 0+60N, 3+50E, tuff

Bedding (?)

154/44NE

X⁴⁴

Pervasive

Frac. ρ

~ 5/10cm

(Bedding?)

Sample DM88501

0+60N,

4+15E

NOTE:

Fe Weathering on outer edge (~max) 1mm thick, usually μ

Weath Surface - Grey to Brown

Fresh Surface - Grey-Green

PARTY CHIEF.....

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~~BL~~
045⁰

PARTY CHIEF.....

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Cong	with	calcedony pebbles	wiring Gold within.
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Cliff	-	fault, more than	likely
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in 5,	may be marker	horizons	
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foliation, fabrics			
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Emphasis on structure!

look at	dips		
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general idea of possibility of timing:			
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Fault blocks	compression	NW faults	
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Map	1:2000		
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PARTY CHIEF.....

WEATHER.....



JOB NO. Dusty Mac # 235

DATE May 28, 1988 PAGE.....

Dusty Mac

Dacite Dome

Marroma

volc. cong.,
SS, sh.

U

L

Lahar

dacite
frags.

Transition between 5+4
(facies change or structural
contact?)

N trending faults
Sample here & there

* map out faults *

Alteration - sample
silicic
argillitic - clay
porphyritic - pyrite

Qz, calcite veinlets

PARTY CHIEF.....

WEATHER Overcast, Cool.....



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Samples:

501 0+60N 4+5E

502 0+70S 4+50E

503 0+75S 4+15E

504 11+25N 3+15E

505 11+05N 3+00E

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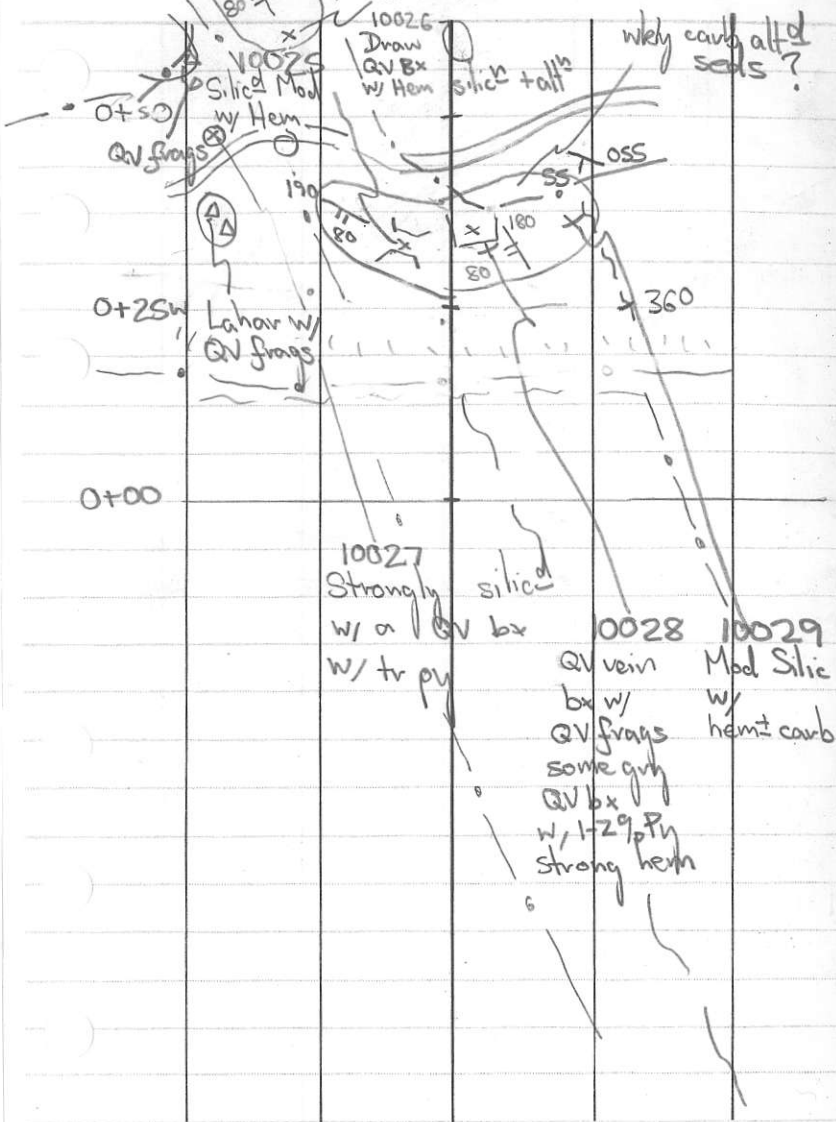


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LION



PARTY CHIEF.....

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