

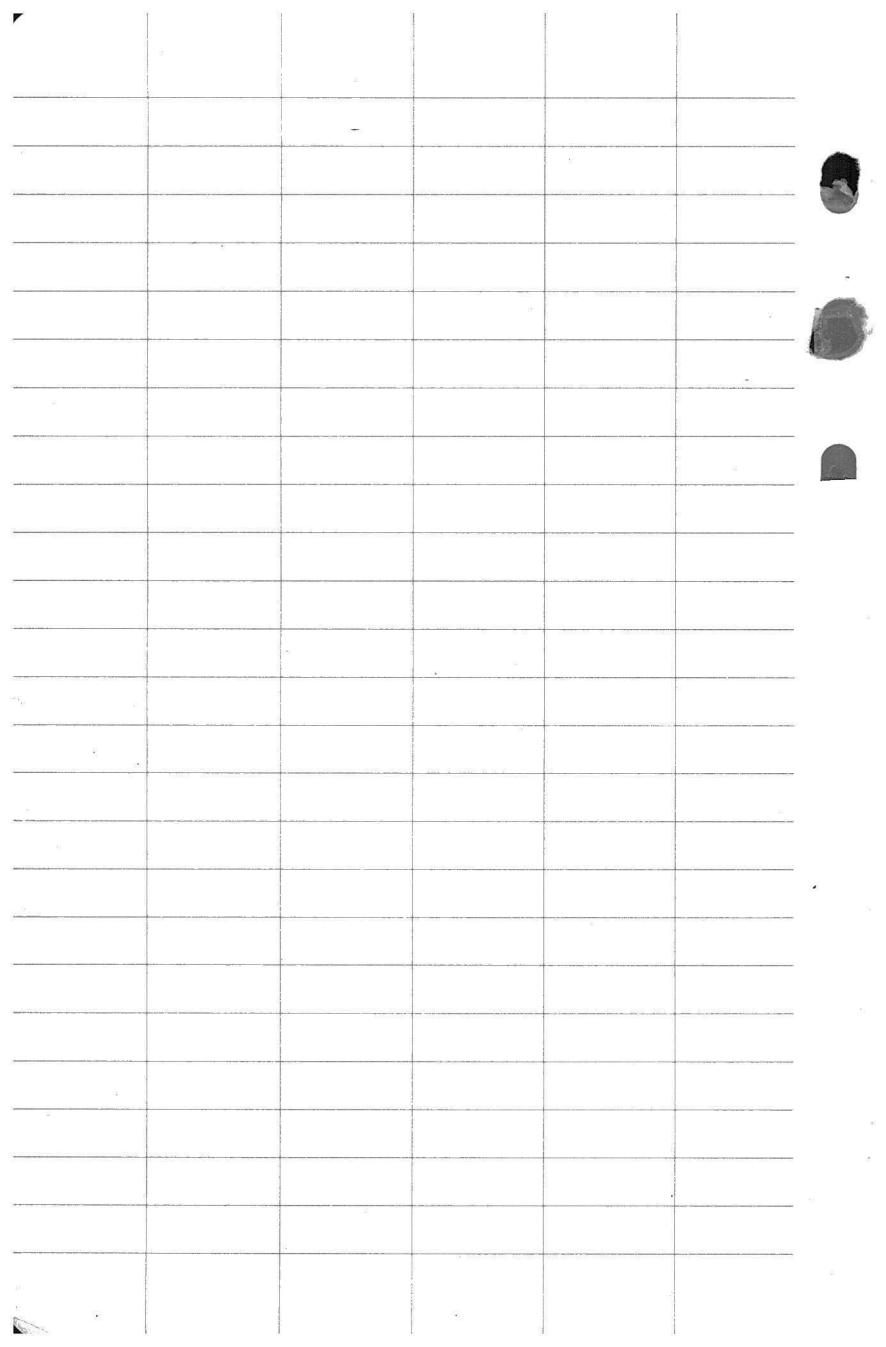
900422

Field Notes

Mineral Assessments
2002

R. Hulstein

May 29 - Sept. 4, 2002



Wildlife sightings.

| | <u>Location</u> | <u>Description</u> |
|----|--|--------------------------|
| RH | XI ^{Kusawa} Camp area | ~30 goats (poss. sheep?) |
| FA | O' Camp - 2km south | momma goat & 2 cubs |
| RH | H' ^{Suske} Grizz & cub, Bull moose | July 17 |

| <u>Page</u> | <u>Target</u> | <u>Station</u> | <u>Date</u> | <u>Target #</u> | <u>Pan Con</u> |
|-------------|---------------|---------------------|-------------|-----------------|---------------------|
| | | (2 or 02 = 2002) | 2002 | | |
| 1 | Lewis Marsh | RH02-01 | May 29 | | RS02-01 |
| 1-10 | " " | RH02-02→08 | " " | | RS02-2→ |
| 11 | Tagish | RH02-009 | June 5 | | FS02-001 |
| 13 | Scottie | RH02-10→14 | June 11 | | |
| 19 | " | RH02-15→16 | June 12 | | |
| 23 | " | RH02-17→20 | June 13 | | |
| 31 | Wellbley | RH02-21 | June 14 | | RH02-21 |
| 34 | Sudfr | RH-22→24 | June 20 | | RH-22-24 |
| 38 | Kusawa | RH-25→29 | June 24 | | |
| 50 | Kusawa | RH-30-36 | June 25 | | |
| 58 | Shafu | RH-37-41 | June 26 | | |
| 68 | Kusawa | RH-42 | July 3 | G, XI | |
| 72 | Kusawa | RH43-46 | " 4 | XI | |
| 79 | " | RH47-50 | " 5 | XI, P mag low | |
| 86 | " | RH51-56 | " 6 | P3 | |
| 94 | " | RH57-61 | " 7 | P3, P2, P1 | |
| 102 | " | RH62-67 | " 8 | '0' | |
| 110 | " | RH68, 69 | " 9 | K | |
| 116 | Snake | RH70-73 | " 16 | H | |
| 122 | " | RH74-78 | " 17 | H | |
| 130 | " | RH79-81 | " 18 | Great oce. | |
| 134 | " | RH82-90 | " 19 | K | |
| 144 | " | RH91-94 | " 20 | K & N | |

| <u>Rock #</u> | <u>Soil #</u> | <u>Silt #</u> |
|---|-------------------------------|---|
| RS2-003, 4, 5 | RS2-006, 7, 8 | |
| FA2-002 | | FA2-003 |
| | | 97151 → 156 |
| | | 97157 → 162 |
| 97167, 172 | 97163 → 66, 68 → 71 | |
| 97174 | | 97173 |
| 97175, 76, 77 | | |
| { 97168, 97178, 67 97179, 97180, 81, 82 | 56352 + 57 | 56351 |
| 97182, 97182 | { 56367, 69, 371, 373 374, | { 56375, 76, 56370, 372 56366 } 68, 97182, 5 |
| | | 56377 |
| 97183 | 56378-80 | 56381, 82 |
| 97184 | 56384, 87, 88, 90 56397 | 56383, 385, 86, 89 56391, 92-96, 98, 99 |
| 97185 | | 56400, 97201-207 97208-14 |
| | 97215, 216 | |
| 97186, 87 | 97217 | 97218 |
| 97188-190 | | 97219 - 225 97226 |
| | 97227 | 97228, 229 |
| 97191 | | 97230 - 38 |

| Page | Target | STN | DATE 2002 | Target # | Pan Con |
|----------------|----------------------------|-----------------------|-------------------------|----------------|-------------------|
| 152 | Snake | RH95-98 | July 21 | 'N' | 97242,46 97247 |
| 162 | " | RH99-100 | " 22 | P | |
| 169 | Kusawa | RH 101-102 | " 30 | (See FA Notes) | |
| 170 | assay checks | RH 103-04 | Aug 1 | | |
| 174 | Kusawa | RH105-114 | Aug 3 | RAM | occ |
| 184 | Coal R. | RH115-119 | Aug 6 | | |
| 192 | " R. | | Aug 7 | | |
| 199 | Rd O.C. | RH-120-131 | " 8 | | |
| 201 | Kusawa | RH122-126 | " 14 | | |
| 209 | " | RH127-131 | " 15 | WAR | occ mag low |
| 219 | assay Checks | | | | |
| 223 | Frances Lk. | Money ck | Aug 28 | | |
| 225 | Scottie | RH-132- | Aug 29 | | |
| 229 | Wellesley | RH-133-137 | Aug 30 | | |
| 235 | Sourdough Gulch | # | Aug 31 | | |
| 237 | checks/standards | - Scottie | Sept. 4/02 | | |
| 241 | Pickhandle Lake | Sept 10/02 | Sept 11/02 | | |
| 241 | Pickhandle Lake | | Sept 10/02 - Sept 11/02 | | |

Rock Num Soil Num Silt Num

97193 56451-58 97192
 97239-41, 43-45, 4

57, 58 = Dup

34389, 2, 140397, 343893, 94
 97194-197, 140398 56459-60
 140399 343898-89, 90, 140400

56461-4 56465

197198-99 56466-72 5

97200 56475-84 56473-74

56489-91 56485-88, 92

56493-99 56500, 176601-04
 176605-07

140301-303 176608-610 176611-613

176614

176615-

140304 176616-19 176620, 21

176622

97601D, 97167E } 97158a, R502S14a,
 97661D, 97655E } 176395a, 97170c, FA02030c
 97655F } 176457c, 97158F, 176457F

140305-312

Note:

MAG Susceptibility Measurements.


All measurements in ^{this} notebook for 2002 were taken by an EXPLORANDEUM KAPPA METER KT-9 set for "No-PIN" mode (sometimes referred to as the zero-read-zero method).

Units of measurement are SI ranging from 0.01×10^{-3} to 999×10^{-3} with a sensitivity of 0.01×10^{-3} SI units
ie. $1.54 = 1.54 \times 10^{-3}$ SI units

Theory

$$KH = I$$

I = intensity of magnetization
 H = magnetic field
 K = factor of slope

May 29, 2002, cool  ①

Robert S., Jr., R.H., & Stucky

Examination of Lewis-Marsh SMA

△ STN RH02-01 Creek past

Gunnies sawmill

UTM NAD 83 521685E/6712616N

Pan Co. sample RS02-01

5 pans ^{abundant blk sand} Screened -2mm, 11 colors

Flint of and pyrite, and > 50%,

Kgd, shale & limy mudst.

- Creek 2.5m wide, mod flow cutting glacial outwash
- vein - 3/4 - cent w/ lim, suggy w/ coarse texture & slicks on margins.
- epidote dt and.

△ RH02-02 Gravel pit. sand,

silt w/ fine < 5cm gravel.

bedded = glacial outwash

2 pic's

2

[Handwritten Signature]
AL WEATHERS, TREASURER

J. L. DARLING CORP.
TACOMA, WA 98408

NO. 312

△ RH2-003 Black Mike's Creek
 claim post loc
 P. #2, YB46717
 522322 E / 6715708 N

△ RH2-004 Black Mike's Creek
 ~25 m down stream from △ RH2-003
 UTM 522310 E / 6715693 N

RS02-002 Pan Con sample

- float of fine gr and, rbl-play
 purple, siltstone's.
- lots of fine silt in creek w
 large > 0.5m boulders, high
 cloudy-brn water. No good
 gravel bars etc. Sample from
 creek bank.
- creek cutting till ~20m high
- v. minor black sand, few specks.
 3 pans, 5 colors, 'small' colors

⑦

11

1

1

joint $\frac{1}{2}$ vein
int
int

105 / 50 S
015 / 44 W
112 / 75 S

J. L. DARLING CORP.
TACOMA, WA 98424

J. L. DARLING CORP.
TACOMA, WA 98424

Rossbank Target

△ RH02-005 - Area of trenching &
old INCO adit.

UTM Nad 27 524110 E / 6715118 N

↳ loc in highway ditch at base
of trenched hill.
1 pic

△ RH02-006 McClinton zone.
old 5' adit - several pic's.

UTM Nad 27 527347E / 6713370

RS02-003 Rock Grab

- Sample from rusty frac zone
at adit brow.

Pyritized, calcite veined, gtz
veined frac limitic and.

~ 5-10% py, avg 3%

width of rusty frac zone 0.3m

- old sample # 344146

6

50/m jst 148/78 S
2/m jst 042/53 S

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

J.L. DRUMMOND CORP.
TACOMA, WA 98424

0.25m ven/shr 040/60 SE

No. 312

△ RH02-007 McClinton Zone
527250E / 6713309N
old drill collar.

RS02-004 Rock Core
527365E / 6713379N
outcrop exposed in bulldozer
cleaning v. close (20m) to △ RH-006
ble pyritized, white alt and. Qtz-
cal veined, blebs of x-tls of quartz
cal-qtz veined, crude banding in
qtz - grey - white.

△ RH02-008
Trending @ turn in AK HWY
UTM Nad 27 527141E / 6713208N

RS02-005 Rock Core
Calite veining of alt-ble and. -
amygdaloidal BAS.

RS02-06 Soil Sample
rusty soil from vein stain in sample
~~RS~~ RS02-005

⑧

frce / jst

021/68E

shv / jst w
Rusty soil

005/70SE

ALBERTSON'S
MARKET BASKET
MARKET PLACE

J. L. DARLING CORP.
TACOMA, WA 98424

No. 312

RS02-007 Soil sample
 from old excavator trench
 UTM Nad 27 527149/6713202N
 Rusty soil from shrd BAS-AND.

RS02-008 soil sample
 from trench wall E. of 007
 UTM 527164 E/6713208 N
 Rusty soil ~~over~~ from N-S
 trending frac-shr.

- Numerous zones of rusty frac-shr
 jts spaced 0.5 - 0.25 m apart over
 total approx distance of 20 m
- Hand sample RH02-008 from near
 soil sample RS02-008,
 BAS-AND Bx w 5% $\frac{1}{2}$ finely dis
 Py, cal dis

10

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-14-2014 BY 60322
UCBAW/SJS

J. L. DARLING CORP.
TACOMA, WA 98424

NO. 312



June 5, 2002

Taqish SMA, RS, JUR, FA, RM
+ Floyd & Kelsey

RH02-009 Pennycook creek
0543232 6678576N
NAD 83

Outwash fan cut by creek

FA02001 Pan cone see RS
notes

FA02002 Rock float grab - see
RS notes - Pan SKN - HFS

FA02-003 Boulder - v-rusty
Silt sed sample

12

Fol 240/34/N
JNT 016/65E 20/m

avg? Fol 280/15N - undulates
JNT 026/70E 6/m



J.L. DARLING CORP.
TACOMA, WA 98404

Tues. June 11, 2002

- Moped from Snag strip to Scottie CK proposed SMA - STARVATION MTN AREA, ARR 11:30. All 4 of us, RS, FA, JUR in one camp due to paucity of LZ's.
- PM - RH - TRAV to N. - sample areas & check ridges north of mofils showing / camp area.

△ RH02-010 500 964 E / 69 56891 N NAD 83
rubble under loess & ash of fol
gte - meta chert, some bull gte

- 60 m to W on ridge. small 1x0.5m o.c. of siliceous ^{white weat} musc-gtz sch & rubble.

△ RH02-11 500 664 E / 69 57106 N NAD 83
cliff o.c. 100m? x 100m? downhill of
gry-brn weat gry fol gte bio (musc & bio)
sch - meta greywacke, 2mm glassy folia
w micaceous partings. Swath of gte-bio-musc
also gte + bio chert

H.S.

(14)


ALUMINUM WINDOW PAPER

J. L. DARLING CORP.
TACOMA, WA 98424

NO. 312

△ RH02-012 500933E / 6957983N Nad 8:

Float of gngy meta geywacke - bio-
qtz sch. dense, poorly sil. H.S.
* might be contact phase of grd.

Contact
nearby.

Float of med gr. - use gr. bio-hbl
grdls (Dawson Range Bath) 50m W
of above co-ords. H.S.
MAG Sus.

△ RH02-013 same grd

magn Sus. 0.25 - 0.56

△ RH02-014 501105E / 6958920N Nad 83

Stream sample sed site, gentle - mod
grade, float of fine - use grd
sand, ash & loss OK sample.


97151 SS; stream sed. - OK sample

500D or maybe even 206 can land
here.

97152 SS; 501526E / 6959557N Nad 83

Fast flowing, 0.5m wide, ^{0.2m deep} grd boulders,
pocket of gneiss grd - sand

16


J. L. DARLING CORP.
ASBESTOS REMEDIATION

J. L. DARLING CORP.
TACOMA, WA 98424

NO. 312

48

97153, SS; 502271E/6959459N Nad83
overbank dep. gussy -sandy grd w gusy
silt, minor org's, No boulders, slumping
penafoot bank. OK sample.

97154, SS; 502257E/6959386N, Nad83
overbank dep, this year's, as above, from
trib to above creek. OK sample.
No boulders, creek 0.5m wide

97155, SS; 501993E/6959059N, Nad83
bar with gdr & sh float, gussy
grd sand, OK sample

97156, SS; 501928E/6959101N Nad83
overbank dep.; gussy grd sand &
silt, float of grd & sh., 0.5m wide
creek, mod flow. OK sample.

#


ALUMINUM WRITING PAPER

J. L. DANBUNG CORP.
TACOMA, WA 98424



calm, warm

June 12, 2002 - Seattle Cr

- 4 of us in diff dir's, prospect of SS

△ R402-15 504942E/6957859N Nad 83

Shree slope of large angular blocks of felsic sch w grt cngl, variable amounts of mafics present, rock can be dk gray.

Z H.S.

97157, SS; 504989E/6957834N Nad 83

<0.5m wide creek, steep slope. felsic sch float predominant, more mafic sch remainder, OK sample.

97158, SS; 504849E/695826N Nad 83

0.75m wide, steep. felsic sch float is above +10% or so grd boulders.

∴ must be below contact. OK sample

- Grd o.c. on west bank

★ Mag Sus varies from 0.78 - 1.76 - 3.56 consistently returns these 3 sets of ★ numbers.

20

97159, SS; 505003E/6958914N ^{Nad} 83

Small 0.4m creek, v. steep.

mod ok sample. Grd boulders,
pebbles of felsic sch & grey mic sch.

Trib to 97157 & 158 creek

97160, SS; 505446E/6959188N ^{Nad} 83

0.5m creek, steep. OK sample,

gussy grd sand, grd float &
pebbles.

97161, SS; 505822E/695928N ^{Nad} 83

0.4m creek, steep. O.K sample of

gussy grd sand, grd & felsic sch
pebbles, no cobbles or boulders.

97162, SS; 506675E/6958611N ^{Nad} 83

0.25m stream, mud, silt organics,

felsic sch pebbles. No grd.

Poor sample overall.

△ RH02-16; 506220E/6958454

Float of felsic schist/gneiss

gtr - blk - old

Small H.S.

##

22

Scottie Ck.

Am cloudy

(23)

June 13, 2002

Soil Sampling near
camp.

97163, SL; top of hill @ camp site

Sol 220 E / 6956818 N Nad 83

brn soil - some loss?, of 5' S. oc.
of gtz - musc sch. 0.2 m deep

97164, SL; Sol 312 E / 6956926 N Nad 83

0.3 m
deep

base of knob (camp hill) brn soil
as above, float as above. Interesting
float, py in gyt sil - gtz - bio sch

See # 97167

97165, SL; Sol 478 E / 6957007 N Nad 83

brn soil, float as above, soil
as above. 0.4 m deep.

△ RH02-017 Sol 540 E / 6957171 N Nad 83

Grd; fine gr mafic border phase &
med gr hll - bio grd H.S.

- End of soil line, No soil available.

24

97166, SL; 501396E/6957060N Nad 83
0.2m deep, on game trail, brn & gray
gitty soil, No gyl boulders.

97167, RK float grab 501304E/6956929N Nad 83
Next to sil # 97164
gray gtr bio sch, to bio pg,
rare - to blebs sph. (?) on fol.
H.S.

Δ RH 02-018 51304E/6956923N Nad 83
97172 H.S. of fine sil meta ch - gte
+ bio & <0.5% bio pg on fine
H.S.
- Same site as SL 97164 & Rock 97167
and Rock 97172

97168, SL; bio 0.2m deep OK
more sch and gte - more sch.

97169, SL; 500 873E/6956969N Nad 83
as above.

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97170, SL; 500809E/6957116N ^{Nod} 83
Poor sample, in saddle, loess
rich sample, permafrost @ .3m
rare sch float.

⊙ RH2-019 0500778E/6957166N ^{Nod} 83
Cast Tr! v. shallow 1.2 m wide X 4m long
0.3 m deep (max) cut ~~scraping~~
scrape.

97171, SL; 500640E/6957243N ^{Nod} 83
0.3m deep. Poor sample - all but
useless due to high % of loess.
sch float.
E. of soil line. E.O.L.

97172, Rock; 500315E/6956923N
Same site as 97164 & 167 ^{RH-018}
Sil brx & frac. light tan fine
grained gte(?) or sil, ^{ble} gte - musc sch.
~~brass~~ crinoids, brx w gte &
rock flon brx & ventils (10%). 1 ?
dis lim pyrites < 1mm size.

Fol 268/35N

JNT 175/90 ± 5 3-4/m

JNT2 112/45 S irregular 2/m

lin of jnt 2 ± Fol
308/22NW

① RH2-020 ; 501272E / 6956848N

Cray gtr - min sh

10x10m

tt

30

- pictures of wellslake w → E
knoll on left (N) side.
- pic of heli at site RH2-021
" " creek mouth & samp
97173 site - centre of
creek.

June 14, 2002
Wellesley Lake



DK102-021 on lake shore

562337E / 6909664N Nad27

- Narrow beach of rounded cobbles
 < 20cm or away, of gnd, ~~tbl~~ field-
 hbl purpl-and(?), orange gn,
- Pan can sample $\frac{1}{2}$ pan - tough to get
 fine black sand, No vis Au

97173, SS;

collected at mouth of creek
 in beach area, sample retrieved
 beach material + whatever
 came downstream. - small delta
 built up, ~10m from shore of bay
 Dk grey organic rich clay -
 silt $\frac{1}{2}$ Mn covered pebbles of
 gnd $\frac{1}{2}$ bas. V. poor sample.
 Creek up stream of sample site an
 organic black muck bog!

32

97174 , pink quartz float; qtz - field
gr? w dis^{blebs.} fuz < 1%, tr - 0.1%
dis cpy

- collected @ RHOZ-021 site.

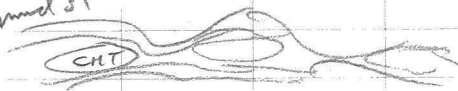
- mixed & bag of rap hand spec
collected @ RHOZ-021

#

34

Fol 096/90 ± 10

mantle



Fol

340/90

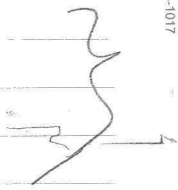
5-10/m

284/90 ± 10

5-10/m

200/18°

4-20/m



dike

~~282~~ 240/90? ← 2m wide

June 20/02

cloudy showers

(35)

RS, JUR, FA, RM

Stratum SMA

Tarfu Creek

△ RH02-22 o.c. of rusty
area grey mudst-arg - chert

573898E/6654230N

97175 Core from o.c. on
S. side Tarfu ck. - grey mudst.
cht. Tr - 0.5% fine gr bright
lin py, hairline frim

- chert beds < 10 cm thick are
bonded in well fol mudstone.

- o.c. 80m E upstream S. side of
ck. - well layered mudstone.

S. not vis.

△ RH02-23 574063E/6654084

light green - grey calcareous card.
dyke < 2m wide. Dis anispy
x-tals 3 blebs < 0.1%, < 1mm

97176 at RH02-23 white gt₂ on

36

→ ~ history of veins in dyke

dyke 240 / 90°

cutting and dyke, $\approx 1\%$ 1-4m
lim filled boxwork - v. imp. minor
dy on frac H.S.

97177 grab $\approx 2m$ random across
dyke if any bearing and purple
H.S. cont. - all alt.

another dyke 8 m to the
north on same trend.

△ RM 02-24 574163E / 6653953N
band in creek, end of o.c. trace
o.c. extends on creek bank to SE.

⊙ STN o.c. of fine grey dt
of mshst.

- No sign of any placer
mining activity on creek.

38

No orient on vein
boulder train poss 340°

June 24/02

Kusawa SMA

Rain, wind - whse, clear & sunny ☺

Kusawa. FA, JUR diving fuel
to camp ground near

△ R402-25 ROSE o.c.c.

452577E/6689992N Nad 27

claim post No. 1 YB93108, 109

10x25m area of angular white
vein float, rusty - org-brn we-
slickeles on gtz, lim after py
cubes

R.S. sample 97668 - gtz vein grab
from float next to pit in O.B.

picture (2nd one of vein), Rusty,
py bands cutting white massive
gtz

No bedrock exposures, Float of
hbl - bio gdr & fine and - stauken
vols.

△ R42-26 452828E/6690053N Nad 27

old hand torn claim posts near
small piece of vein gtz float similar
to △25

40

56351 SS 452727E/6689830N
 Node 27, S. of Δ 25 & vein
 white grt vein, hbl-bio grt
 in creek. Sample of gross grt sand
 old sample. Min float of metabo,
 (very rusty), brown magnetoidal lens,
 skarn etc.

97176 Rock float at SWN 25
 452604E/6690015N Node 27
 white grt vein in band of rusty
 ves grt of bio gn, py, cpy?
 < 5% gn weath. 1-2% py.
 Same as 97668 but higher
 grade sx.

Δ FA 02-34, west of RH02-25
 mag suv bio-hbl grt 5.50-8.0
 skarn and .50-.88
 " " 15.1-4.97

42

dyke ~ N-S / dipping mod W

joint in gdr ~ N-S / steep ± 10
gt 2 prop dyke - 212 / 40 W

Nov 27

△ RH2-027 424623 E / 668166 N

Dent occ.

white - rusty wa ble argillite - phyllite
alt gnd. Folds to clay, ~~etc~~ fine
gr gr x-tl, vuggy w minor lim
H.S. mag sus $\Sigma 01 \rightarrow 0.0$

Fresh version of alt gnd - fine - red
gr. bio gnd., Mag sus 3.45
- alt zone ~ 10m wide trending N-S.

- 20m E of above, grey fine gr
bio. feld and (?) dyke; 3-4 m wide
mag sus. 1.6 - 3.0 H.S.

- adjacent to bio and dyke, rusty wa
gnd w py - more or less. H.S.

9767L

of above py - more or less in
gnd. 3-5% py - more than
on face. Py - more in rock
w less bio. feld. Mag sus .21
gr² prop dyke 6" wide cutting
thin gnd.

44

jt 015/75-85E 4+/m

picture of stony jnt'd gdr 'lfe'
with sample flags on W side.

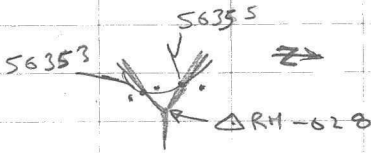
56352, sl; 424576E/6681913N ^{Nad 27}
S. side gully. talus fines
from spur W Δ RH-27

56353, sl; 424538E/6681931N ^{Nad 27}
centre of gully - chute. uncol gdr
purple float. mag sw. >5.0 for
fresh gdr (from ridge top?), up
to 14.0.

56354 sl; 424502E/6681963N ^{Nad 27}
N side of gully, yellow orange sl
w minor chalcocite gdr vesicles
sl from N side.

97179 Rx Float; 424557E/6682020' ^{Nad 27}
unglgy concave gdr vein, box filling
entirely arg, - phyllite alt gdr.
scorodite string H.S.
←

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56355; SL; 424619E/6682168N Nad 27

centre of 2nd gully N of 1st chute.

56356; SL: 424634E/6682195N Nad 27

from N. side of chute

yellow - orange soil, Rusty wca
med gr bio gdr w pg on sur.

ORH-028 junction of 2 chutes
for relocating soil & geology
grid in Helker report.

0424638E/6682145N Nad 27

END of Dat OCC

~~56357~~ 56357 SS-SL: 423425E/
6665678N Nad 27

soil - silt syle from centre
of gully - pond area - no
creek & very little sed.

Sample quality good

" site - drainage - poor -

48

~~*~~ Low May Sun < 0.28

⊙ RH02-29 423396E/6665758N

bio-hbl grid (10% maps) red
gr. fresh, lots of schlerin (sp?)
maple buds, one gr violet,
flow-bx features etc. H.S.

§ 2 pictures. ~~At~~

May Sun < 0.28

#

50

58358

Sho!

June 25/02

Kuzawa SMA

RH f KS

Nad 27

△ RH02-30 446554E/6720809N

Edidotized, vdc, rx, and, and poph.

- weather is terrible, windy w snow - couldn't land on ridge.

~~56358~~ SS UTM as above
SS, rx float as above.
Good silt

Nad 27

56359 SS 446679/6721237N

OK, mixed vdc as above
cold!

△ RH 02-31 446379/6721304N

N. end of ridge spur on w side of crease. ~~BT~~ Surr of massis dk green bas - and, variably epikite alt along face. H.S.

52

97180 Rx float: dk.

Nad 27 446757E/6721637N

Epidote - grt vein'd bas, < 10%

veinif $\frac{1}{2}$ c.s. % grt overall. H.S.

56360 SS at above Rx sample site.

OK sample - good, mixed volc
float as above.

△ RM02-32 447364/6722021N Nad 27

~~Grd~~ ground matrix, Rusty float of
basalt - dk volc sed - buff. fine gr glass
ridge of fine gr. bas, dk colored to west

E $\frac{1}{2}$ N granitic sand - float.

Mag. Suc. of glass sand

1.51, 1.78, 1.67, 2.17, 1.82, 1.72, 1.78

56361 SS: 448002E/6721787N Nad 27

Predominant gabbro float, minor bas
and float.

OK sample. Only good glass.

Mag SWS 3.95 1.48 , 4.28 , 6.19 , 3.67 , 3.98

| | | |
|---------|------------------------------------|---------|
| dyke | 032/90 | contact |
| dist | 080/55N | 2/m |
| | 170/84E | 3-4/m |
| | 082/80N | 2-3/m |
| | most pervasive - pass contact | |
| Mag SWS | 2.44, 1.37, 1.94, 1.22, 0.92, 2.23 | |

⊙ R102-33 / Lunch spot
448000 E / 6722012 N Nad 27

may see of gnd boulders
1.78 - 4.50

56362, SS ; 447980 E / 6722138 N Nad 27

OK sample. gms gnd sand-silt
From trib on E. side of main
ck.

⊙ R102-34 447935 / 6722344 N Nad 27

gnd boulders at terminus of old
aquifer, number of varieties of gnd
but look to see ^{where} suite.

H.S. of typical red gnd w
mega crypts of feldspar.

56363, SS ; 447764 E / 6723065 N Nad 27

OK ; gnd and rock boulders.

⊙ R102-35 447754 E / 6723300 N Nad 27

qtz-feld path o.c. 5m wide
on E. side of stream

pass whole Rock ? H.S.

56

bas - and; mag sus: 28.0, 15.3, 1.4, 6.63
23.6

gt₂ - fold dye: 0.21, 0.58, 0.09

mag sus: 4.54, 0.59, 5.41, 0.46
7.92, 2.92, 3.06, 2.36, 3.18

97181, Rx dip 8m, 447744E/
6723315N Nad 27.

Rusty wea, dk green-grey fine-gr
ophanitic bas-and(?), 2% dk fine
gr py.^{-P⁰⁰} H.S., fine, irregular joints.

O.C. of and-bas ~ 50m long, N.
and cut by 1-5cm qtz-fold dykes.

56364, SS; 447651E/6723360N ^{Nad 27}
below O.C. of meta volc & dykes.
good sample. Sandy silt-grass.

DRM2-36 446856E/6723376N ^{Nad 27}
gd boulder scree slope, med-coarse
gr.

56365, SS; 445346/6724195N ^{Nad 27}
OK - good stream sed.
gd $\frac{1}{2}$ volc front.

frac - brx } 350 / 65E
 splays } 030 / 80E

frac - full 350 / 80E 1/m
 frac - clew 245 / 80N 5/m
 frac - clew 030 / 20W 2/m

cal inlets 308 / 90 ± 10

June 26/02

cool, breezy



Suda SMA

FA 5' RH Target area 2

RS on solo tower target #2

J&R driving fuel. Hop around
w held for day

△ RH2-37 569120 / 6688800 N ^{Nat} 27

Top of gully target #2 breccia
grey list; retextured - rubble 2 pieces
of brx on just - from - flat surface
structure anomalies. mas list, no list
- brx assoc w steep ~N-S
structures that cut flatter 20 dipping
down.

→ IN creek 50m E
white violet cutting list.

56366, SS; 569186E / 6688825 N
Near head of creek, below △ RH2-37
OK sample, list float, list brx

56367, SL; 56366
red brn soil w list float. Muddy
@val = good

60

S₁
FA

075 / 505
120 → 505

① RH-38

569222/6689092N

in creek ~~show~~ blk chert into better
brx w grey lat.

- 25m below above SW

97624 Rx grab from os.

FA #; reddish var - siltstone
o.c. of light - dk grey lat
locally brx w dk grey calcite
inlets

H.S.

56368, ss; 569269/6689539N ^{Had} 27
ok silt at base of cliff.
end of trace

97625; FA - ss; ~300m upstream
see FA notes.

END of Target #2

62

→ 3 high Am 'c/4
→ 6

depression ~ E-W

Snafu

Target # 5

56369, SL; 565863E/6681029N ^{Nad 27}

2x10 m patch of clay rich lim
colored soil. flt zone? ^{IN} minor
depression - gully in ridge cutting
gray lst. SL whly calc.

OR102-39 565704/6680499N ^{Nad 27}

Bx - ~~ss~~ calcite cemented (flt zone?)
as evidenced by slicks, minor pink
wea.

- slugs of glacial till above SWN
in headwaters of gully.

56370 ^{SS}, 565766 E/6680441N

below SWN 39 $\frac{1}{2}$ slug of gl till.
OK silt sample from dry gully,
sandy-silt from till?

OR102-40 565853E/6680364N

bluish. Red stn'd lst box $\frac{1}{2}$ soil in gully.
2x10 m area, appears to cement

64

ves ~~RA~~ ? 035/60w ?

from ^{caliche} vein - flt zone trending
 approx perpendicular to gully.
 Soft tan granules (H.S.) in sl
 Sample. Rock sample of Red hem
 rextalized lst, weak veining $\frac{1}{2}$ box.
97182 Rx equiv - suboutcrop.

56371 Sl of tan granules
 and/or tan stained soil.

dogtooth caliche extls on face
 surfaces.

56372, SS; below 56371, $\Delta 80$
 ok sample of glacial till derived,
 lots of exotic pebbles. Dry over-
 grown gully. @ quality = good

TARGET # 3

Δ R402-41 581090/6679045N ^{Wad} 27

Sree, subcrop of Richer covered grey
 and white tuff. Fresh, 1 mm
 concretions of vein clay thick noted on
 just. - boring Rx, Ties below Δ

66

Nad 27

56373; SL - Till 581367/6679420N

till, yellow-brn sl. OK - Qual.

No creek, gullies filled w/ organic
mixed float of sand vol, siltst, mudst
& bx mixtures of above.56374; SC - till - outwash

tan sandy - pebble (outwash?) soil

~~Qual =~~ mod - not stNo creek, organic^{filled} - older gully~~582144/6679790N~~ Form = 38!56375, SS - head of ^{tiny} creek, grey
clay rich sand - ~~prob~~ likely basal
till. Same mixed float.Qual = ~~2~~ FAIR - PoorTARGET 6No time to do trip to bottom
traw, no LZ at creek for
additional SS samplesTarget 12

56376, SS; 586675/6674171N

sand, silt OK sample. In glacial
drift covered valley. Qual = good

FAIR

May Sus. < 0.5 (0.18 - 0.28)
 3 pop. $\frac{1}{3} \times 2 \frac{1}{7} \approx 10.6$

- ① med - fine gr (to fold paper) $\frac{\text{may sus}}{\approx 10.0}$
 bio gpdio
- ② Med - coarse gr gpdio w bio \neq smoky ~ 1.3
 str
- ③ fine - med gr ~~str~~ gpdio w bio < 0.5

July 3
Kusawa - Mob out

Target 'Q'

56377 SS; 429304 / 6668200N Nad27
good silt. gdr - field sand,
Grd boulders. OK

Med - fine gr (to field grade) bio
may silt $\approx 10:0$, med -
crse gr w bio & smoky gdr
 $\approx 1:3$; fine - med gr w bio
< 0.5.

H.S. } Med - crse gr gdr w bio & smoky
Sante } gdr is locally silty - cut by
jts.

- fine gr. bio rich grd maybe
meta-morphosed meta sed. Flattly
transition meta sed \rightarrow cut by bio-
aplitic dykelets.

⊙ RH-42 429780 E / 6668546 N O.C.
Fine gr - salt & pepper gdr w
minor med gr phases. bio & hbl.
H.S.

70

| | | | | |
|------|-----|-------|--------|--------------|
| Maag | Sus | < 0.8 | mafie | silt & peppa |
| " | " | < 0.1 | felvic | |

Forms a whole's back in valley,
trending NNW.

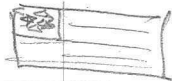
- Some to a more felsic phase
w low mag mus < 0.1 Picture w
Q42, H.S.

#

F.A. Reports that 'veins' are
aphtes cutting bio gndio.

72

July 4/02



~~73~~ 73
cloudy

breezy, cool

Checking out As Anom S. of camp

△ RH-43 med gr bio hbl gndw.

clitellid hbl x-tals up to 1cm long.

H.S. Outcrop forms cliff/hill

to S. w/ky fol., more mafic-bio
bands ranging from wispy to distinct

minor gtr-feld gndw & porphyritic
inlets. Float @ SW of chl green

and $\frac{1}{2}$ dk grey hbl-feld porph.

420497E/6657433N Nad 27

H.S. of o.c. forming gndw $\frac{1}{2}$

H.S. 43A of porph float.

56378 SL - TALUS Fines OK.

420303E/6657394N Nad 27

base of gndw succ slope west
to pond; rusty wea boulders in
our slides, lin on face.

Not v. exciting but best looking so
far today - check for AS!

△ RH-44 420045E/6657441N Nad 27

74

gd fol. 100-120 / 90 ± 10 (steep)
and dykes various orientations
too coarse just 090/80s
jts 080/80s

16.1 / 10 sec counts for 'U'

$$TC 1/10 \text{ sec} = 457 \quad \left(\begin{array}{l} \text{background} \\ = \approx 120 \text{ cps} \end{array} \right)$$

O.C. of fol grad, fol defined by
x-tals & wispy mafic bands.

O.C. cut by < 25cm thick and-
fold phytic dykelet that anastomose
& interfinger, locally follows fol-
form or 080/80 S jts.

thin on E-W jts. ^{poor} x-tals 0.5 x 3cm
& on other surfaces ^{poor} as x-tals in grad

△ R42-45 419935E/6657379N

biotite aplitic dyke cutting grad - boulder

△ R42-46 419687E/6657177N

and moraine composed of
med gr. strongly fol bio-hbl
granitic. (~10% - 15% mafic). Minor
banding - mafic rich layers.

H.S.

56379 419687E/6657379N SL

muddy till in grad moraine. OK

97183 419464E/6657326N. Rock flat

Summary July 4th

Boring granites, 2 main
types, fol & non fol Δ43
& Δ46 plus lots of andesitic-
granite and porph.

lin stained gtz vein ~~is~~ cutting fol
 gdw bio band. H.S. Tr diapy

56380 419378E/6657316N SL-ok

Muddy gray till from Normine as per
 STN-46. Fol Gdw boulders cut by gtz-
 celd veinlets, avg 1/1-1.5m or so;
 vlet < 1-4cm wide, minor mafic bands,
 ore zeolites of MTS

56381 419970/6657785N SS

moderate-poor. Cross between a
 till (muddy sample) & a silt.
 weakly fol gdw boulders. Not
 strongly fol as per STN 46, local
 apatite dykes.

56382 SS 420336/6658330N

oversize dep. - dry.
 Similar to 381 - not a true SS
 mod-poor

~~##~~

78

July 5/02

cool ~~79~~ 79

Target X-1 FA, RH, SS NE of
camp

56383 SS 422065 E/6659313 N ^{Not} 27

Creek below (NE) of camp & pond.
reworked glacial till. In valley.

OK - muddy sample, grey green
Poor sample site; till filled valley.

ORH2-47 422297 E/6659218 N ^{M/cd} 27

O.C. 10x12 west to creek SS, 56384
med grade - non fol. 3 pictures
of boulders in creek

56384 SS @ RH2-47

Sandy silt Good silt $\frac{1}{3}$ site
just below moraine rock pile.

56385 SS 422500 E/6658977 N

Good silty sand sample from
bank below moraine outlet.

Flint boulders of one gr fol
grade is usual of white dykelets,
bio bands, mostly all jnt.

80

May Sws

1.7 → 2.7

Picture → SW of pendant
RH camera

56386; 55, 422899E/6659047N
dry wide creekbed, good silty
sand. sample. Float of fol gneiss

Mag low target

◁ RH2-48 ~~421625E/66608251N~~
White fine gr. in aq. granular 5-10%
felds up to 5mm, wkly alt, ^{<5%} qtz sags
to 2.5mm, ~~fine~~ mm scale mafics ~1%
1% microitic cavities (~1mm),
finer mm scale matrix of qtz-feld.
2% biotite <1-2mm, alt to chl. H.S.
STN next to FA 51 97642
all sorts of variants of above rock
description - coarse porphyries of
finer gr variants. H.S. 48A of
bas-and-float

56387 421090E/6677515N SL

ok solid - some loss.

boulders of fine gr granite - gneiss -
dk gray fine gr bas? or mts, pink
med gr granite!

Flat jnts 2-3/m

Marg Suv



Bimodal intrusive complex
cored by pink gnd - STN 493



421020 E / 6677683 N
 Δ RH2-49 / Pinkish granite - glacial
 p. rounded light grey - smoky
 qtz aug.

- ~~to~~ 'Parant' at headwall (Picture
 is ~~more~~ likely basaltic - and - locally
 epidotized, basaltic bx w quartz
 clasts - abundant to W (50-100m
 of SW 49) H.S.49A float.

56388 SL; 420832 E / 66~~77~~ 77418 W
 soil at base of hill - OK,
 white qtz (SW 48) & basaltic -
 bas - bx rocks

Rx warmer than avg grade
 up to 190 cps

56389 SS; 420761 E / 6677631 N
 dry over bank dep. Good
 sample & site.

Δ RH-50 →

56390 SL → 420668 E / 6677710 N
 gummy qtz float, lin det. brown
 soil - OK

84

STN 50 cont.

97184 Rock Float 10m from SL

#56390 420668E/6677710N

white x-talined gr on float
piece 15x20 cm, cut by wiggly
concord ~~fr~~ lined fractures. 0.5%bright fine gr disc py. Rusty
lin-hen red weathering. Surrounding
float of alt-sen - ble fine gr
~~grtz~~ grtz patch, 5-10% .1-3mm grt
ags in fine grtz-tal matrix. Clot
of bright py (replacing ?).H.S. of veining $\frac{1}{2}$ of various other
surrounding Rx.SummaryX1 - boring granodiorite both
crisr fol $\frac{1}{2}$ ~~was~~ slightly fine
gr non fol gphr.P-Maglow Intrusive, ~~sub~~
hyperbyssal complex, Bimodal? suite,
pink fine-mal gr gphr in center, multiple
intrusive types. Dry looking. Only
veining @ 97184, STN 50. Recessive
gossanous zones in ridge.

#

| | | |
|--------------|-----------|-----|
| gray grade | ~ 200 | eps |
| less major's | ~ 350-450 | eps |

PM 

(Jm)  87

Kusawa P3 target cool
July 5/02 FAIRH RGS followup

56391 SS; 417564E/6676065N
Good silt behind large boulder
near site of anomalous RGS
Flint of light gray wea. con. fol
med gr bio-hbl granitic
equigranular 1-3mm, minor amounts
of qtz variants of rare fine gr
mfis rx.

▷RU2-51 417367E/6675728N
granite boulder succ slope. 2 main
types fine to med gr bio-hbl (5-10%^{total})
granite & ~~coarse~~ ^{medium} gr variety, white
to pink w ≈ 5% mfis.
both give 280-350 cps.

56392 SS; 417338E/6675317N
pocket of silty sand in boulder (gdy
pile w mixed neck. Good sample

56393 SS; 417425E/6675307N
main ch., good silty sand sample.

RA summit
Picture NW headwall of
cirque in gossan.

Grq grad 150 \leq 260 cps

56394 SS; 417013E/6675073 N
Good silty sand.

△ R42-52

contact between 2 gdr's to NW (see map) on E. side light gray - tan well jointed fine-med gr gdr < 10% mafic. on W. side gray med gray gdr > 10% mafic, med gr., more typical of Coast Range.

○ R42-53 416717E/6674604 N

56395 SS; " E/ " N

Poor sample, head of neck muddy sample.

- Picture of gossan in gray gdr.
- FA checked out gossan - see FA notes

56396 SS; silt from between boulders. OK - mod sample - better than 395.

- lighter fine gr gdr is more interesting, radiometric, dykes, joint.

90

magy sus. 3.09 - 2.5
 up to 650 cps total count
 " " " 20 " "

Magy sus 1.80 - 2.0
 250 - 280 cps

220 - 265 cps

△ RH-53 417123E/6674478N

large boulder of light grey gnd
w 20x15cm micritic conchy w
bark of bio 1.5x4cm, gr x-tab
3x8cm

△ RH-54 417355E/6674514N

light tan bio-hlls (<5-10% wfin)
rounded smoky gr eyes (<25%)
- forms ridge & diff faces @ heads
of crinoid + 160° & 200°

56397 SL; 418210E/6674461N

olive brn till, base of scree
ok.

56398 SS; 418706E/6673611N

steep ck, sandy-silt - good sample
gr float as at STN 54
& slightly coarse vesic

△ RH-55 418425E/6673260N

H.S. grab from boulder - fine-red gr
gnd - smoky gr - bio + hll <10%
Homogeneous? boulder field to crinoid wall.

~250 cps

RM camera

picture @ \odot of split dyke
cutting grid in a 'step'
like pattern. Noted same pattern
on July 4 trav.

Summary July 6/02

- more interesting rocks but
no sign of min. 2 phases +
of grid + grey cross phase
restricted to NW of core. No sign
of any veining or significant alt.
"U" $\frac{1}{2}$ Pb ann likely from py
on jnt in fine gr - tan grid

56399 S⁷ 418771 E / 6673150N

Nad
27

muddy gr sandy gneiss sample.
v. slow creek. OK sample - poor
site.

CRH2-56 418871 E / 6673060N

S. side of ridge at same slope.
"crowded" texture to med gr. gnd.
as before w grey gr, feld laths
up to 8 x 2 mm. Gneiss in a
more slabby appearance than
at STN 55 & composition - gr size
is slightly diff.

Rock w dykes & lin con to rocks around
skagway.

P3 Camp 418032 E / 6676072N

angular boulders both upstream of
downstream of gnd - mafic intrusive
(bas - and?) brn - magmatic structure
of gnd intrusive.

94

med gr. bio hbl grd, grey smoky etc 0.11
 (not fine gr) hbl up to 0.8mm

July 7/02

☀️ Not ⁴⁵

Targets for follow-up July 7/02

South of Camp P3 #1 STASH A1

- MTS - gossan A1

- MAG - mag am A1

North of Camp P2 Area

- P2 A7 mag low

- Au? A7 mag hi

- P1 area N, S & W of Pond A8

- Mag Hi

56400 SS, 416269E/6676763N 27 ^{Wd}

ok silt, sandy ~~with~~ good guess
good float, gray $\frac{1}{2}$ tan (w
smoky strays) varieties.

~~97201~~ 97201

Heli silt ok sample.

at site of 97202

floaty fine-med gr. bio-hbl
 fine matrix, ~~to~~ infus up to ~~to~~ 4 mm
 gts, not particularly grey, in matrix

* mag. sus. 24.1

Mag sus of typical gsd o.c.

97202 SSSilt-mud w moss. Good
Sample, good float.

① RH2-57


97203Sandy, minor silt.
OK - good Sample.H.S. of gnd from oc. @ site of
9720397204silty - muddy sample
Good Sample, similar gnd
float.Both Crinoids of massive - jointed, gnd. No
obvious gossans etc.AWA

① RH2-58

417041E/6701057N

gray bio lbl gndoc. V. minor lin on
some jnts ~ 50m S of contact w mts

O.C. - some rubble
 except near ridge crest.

folded
 isodial folds 

jts 345/80 E 4/m

~ skam trend 335/?

△ RH2-59

Hard knobby fire gr. and - bas bx
grading into fire gr. mts w bio.

Partly w/ skn horizon of soft grey
grey micaceous (< knife),

H.S. 59 of SKN

H.S. 59 A of vlc-intensive
contact zone.

97185 grade of crusty w/ skn
horizon < 2m on surface, traced
for ~ 25m. Shows evidence of
folded - isoclinal folds. Tr. dies
poo.

- STN 59 area w/ SKN is cut by
various felsic dykes(?).

△ RH2-60 416787E/6702253N

Sil feldspar porphyry < 1-2mm feldspar
x-tals & fragments in a dk grey sil
matrix, ~~at~~ < 1^{mm} w/ bleaching & filled
w/ ton?

100

① RH2-61 417172E / 6701457N

felsic, intrinc qrd bx w clasts of
 mts & qrd, range from fine-med
 gr - includes more dis - volc ^{big} phase
 rusty wea. Gossanous.

97205 SS', 417882E / 6701023N

silty - ok sample

97206 SS', 418087E / 6700677N

coarse samples, pebbles & silt.
 float of white wea qrd, gray
 mts & DIO, various bx & volc
 rocks, ok sample if enough!

97207 SS', 418033E / 6700515N

Sandy silt - ok sample

float of fine med big qrd w smoky gty
 aug - x-tals, gray qrd, felsic granitic -
 mts bx, mts

Camp loc.

dyke? well int'd.

dior

mass SMO

2.1 - 6.8

light grey - tan SMO for eye and
grey field purple 0.7

0.12 - 0.5

mass SMO 0.14 - 6.90

July 8/62
TARGET 'O'

calm, warm  103

FA checking out gossan S. of camp, POSS.
AWA occ.?

RH traw to NW - might get to Cu
RGS anom. - otherwise new ground.

DR12-62 418668E / 6700922N ^{Nod} 27

base of hill. small area of
grey feldspathic (dyke?), in
sieve of dk grey qtz, fine gr - red
gr., 0.8 x 1.5 mm feld laths, maybe
more of a disc. Other rx in sieve
inc. light tan-grey qtz in smoky
qtz cage & grey feld phytic position
to dyke rk above.

97208 SS; 419222E / 6701424N

ok dry silt sample from talus
sieve from below large gully.

Flat of mixed grey inter-
intermediate feldspar phytic porphyro
similar to above & yesterday. Also
cuse smoky qtz eye qtz.

Typical grad
porphyries

mag SWO

0.06 - 0.24

0.5 - 3+

mag SWO

'SKW'

1.1 - 6.2

Misting = smoky grt variety. Not
massive gng.

97209 SS; 419459 E / 6703188 N ^{Next} 27
 good silt sample w some muss - root
 mat. Float of gnd $\frac{1}{2}$ lesser
 porphyris
 loc @ 209 above
 Δ RH2-63 - H.S. of typical grey-
 fine - med gr gnd. < 1% feldspar phos.
 almost salt $\frac{1}{2}$ pepper colored.

Δ RH2-64 417866 E / 6704037 N
 minor float of rusty area 'skn'
 float almost identical to 659
 - just a few float boulders over ~
 300m, low many sea. low pore?
 No vis SX.

97210 SS: 417527 E / 6704109 N
 Good silt. gnd (Nisling)
 float, + porphyris, rare bio sch
 MTS.

97211 SS: 417702 E / 6704476 N
 Good silt from rocky creek @
 S.T.M. 63, all kinds of float

picture of o-c camera ^{RH}
S₀ (banding) 315/40 ME
min/in on S₀ ~~35~~ → 070

△ RH2-65

MTS, banded gneisses. bio of gty
rich bands.

MTS float extends ~ 500 m or more
to south of prob forms o.c. on hill
to SW as well.

97212 SS; 419783E/6703442N

Good sample, muddy sandy silt,
mixed gnd - porphyry float.

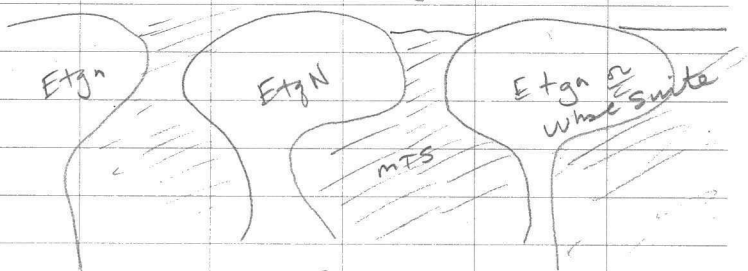
△ RH2-66 419928E/6702771N

Low hill of angular float - volcanic
Composed of interbedded of felsic
porphyries of lesser gnd. might
be o.c. in part.

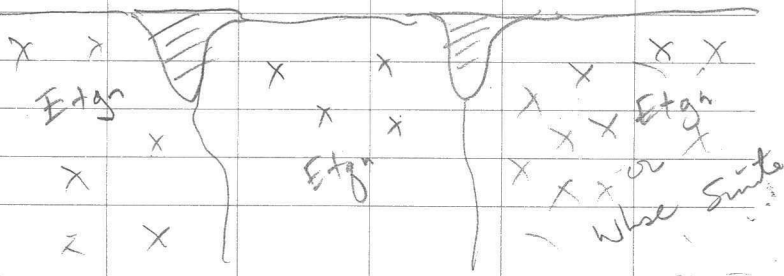
97213 SS; 420400E/6701467N

poor (clay rich) sample, poor
site. sluggish creek - swamp
below pond. Sample likely of
till although collected from middle
of creek bed.

Whose mod suite might be
both like, not a
platoon



VS OR



97214 SS; 420383E/6701008N

Good sample, good site.

Sandy silty sample, mixed
intrusive float of various types.
creek cutting lateral moraine
from main valley &
from side valley.

△ RH2-67 420194E/6700347N

base of scree slope - should be
above any lateral moraine.

Gneissic rocks, bio rich & qtz-
feld rich - ~~rich~~, banded & foliated
Minor amounts of dk porphyry,
course gr qtz-feld intrusive
(sanitized from gr?)

Not grd as per geomap.
Entire hill gneiss??

#

Mag Sus - 4.18 → 0.06
 cps ~ 130 → 185

2 pictures (RH camera) 1 primitive ck
 1 grass & grid
 @ NW end k. Lk

mag Sho 0.02 - 1.56
 cps ~ 200 - 215

July 9/02
Dense day

windy!
20kts + cool (11)

Target R

▷ R42-68 432027E/6707563N

top of hill, Nisling purpleog.
waxy mins. cavity, ^{82x}stabs, smoky
gray jth exp. Typical Nisling
H.S.

Grd variety, coarse plus, aplit
dykes not uncommon.

- walking N. of STN 68, variety of geds
purpleog, chaotic felsenec
- 2 huntas blinds, one old looking
in 1st saddle north of STN 68

97215 SL; 432119E/6708397N

light green - tan sl, in area of
white ~~st~~ area Nisling purpleog
lin contad fractures. (10x20m area)
Near saddle @ head of anadous ck

97216 SL; 432298E/6708679N

yellow soil - frost heave.

frost matted purple gnd frost -

Feb 2000 -

Δ RHZ-69 at above ^{SL} site.

H.S. of gnd purple.

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ALL WEATHER WRITING PAPER

Molded from Mayo -
 Cogan Pt strip @ slab
 } hence to target 'F' FH.
 FA looked target 'D'. weather
 didn't allow target 'C' exam.

V, near horiz So
 Lst/dolm.

2 pictures from SW 70

- 1) looking NE, down stream
 at Lst/dolm over shd across
 river (~~south~~ of NE of
 downstream of Nest occ.
- 2) looking at headwaters of
 anomalous ch.

Snake
RBS
Tues.
July 16
Target H

~~117~~
cool, breezy, showers.
low ~ 5000' dark,

2.8
△ R402-70 618070E / 7163756N Nad 27

4 dd clam pots on ridge 2
from loop & 2 store bought. No traps
subcrop on ridge of dk grey shl,
~~at~~ weathers light-med grey ^{under dk grey} limy interbed
layer cake strat in creek where
there is good exposure of wear horizon
lst/dolom. Shl does not form o.c. ^{of}
it overlies lst/dolom.

Across creek to South Strat.
is opposite; grey lst/dolom overlies
light tan ^{grg} ~~thin~~ dk grey shl - as
observed from ~~at~~ SW above.

97186 Rock Flost; 618053E / 7163721N

grab of dk grey shl from
ridge - as described above. v. min
lim., minor stst; wear light-med grey.
No soil to speak of.

97187 Rock Flost; 618231E / 7163896N

Ngaly oc. is ~ horiz
 jnt 260/80 N 4+/m
 jnt 026/90 1-2/m

jnt of bedding are control?
 only minor line on them

Picture of STN 72 \leftrightarrow N

v. dk grey - blk, sandy sh & soil
 from gopher hole. Test to see
 if metal enriched. Prob \leftarrow 5m^{west}
 above st / dolc contact, locally
 v fine white - silty-sand lamination.

⊙ RH2-71 618328E/7163889N
 o.c. s, suboc. of grey lst - bx reefal
 lst, alloform textures ~~are~~ in heavy
 matrix surrounding rounded lst clast.
 possible blk sph in some laminae
 - o.c. just ~~below~~ above sh horizon -
 intalated / or flt exposed / near depositional
 contact?

⊙ RH2-72 618617E/7163579N
 25x25m, Sree of light tan - weak limy gossan
 decalcified lst, 1 piece of fist sized
 sph of white H.S.
 Mn on N side of recessive gully that cuts
 ridge
97217 SL'000 STN 72 doub.
 brown soil - talus, some organics.

△ RH2-073 619029E/7163537N

4 standing stone bought claim posts, no tags. 4 even older cut posts, on line w. E-W gully noted @ STN 72.

No sign of any mine/work/camp cut plotted in file location.

97218 SS; 619253E/7164547N

OK silt, a little coarse. Float of Lst (85%), sil sh, sh & ch'ty sil (<15%). Stream deeply incised - hard to traverse!

122

~~Plan A~~

RH & FA to do loop
tour of anomalies RGS # 1274
Goodman occ & Dune occ.

July 17/02



blue sky, calm, warm

97219 SS; 615132E/7169159N

Poor sample, clay & blk organics.
Flint of lat pebbles. Lat does not
form silt or sand!

△RH02-74 ; 615678E/7169247N

Fossiliferous micritic lat & lat
congl - debris flav. Crinoids,
brachiopods, bryozoans, etc. Archeocyath.
Lat congl clasts up to 10x25cm,
well rounded, fossils as matrix & clast.
fetid! Reef environment.

97220 SS; 615932E/7169487N

Good sample, a little coarse.
Collected w/ sll (DME) Lat (OSK4)
contact. sll, siltst & minor fossiliferous
micritic lat (as per FA 64 SW)

△RH02-75 617033E/7170515N

White massive x-tallic white boulder.
Sourced from lat cliff to east. Not Good-
man occ.!

97188 Rock float 0617457/7170420N
 silicified st (or chert) brk cut by
 irregular calcite vlets, blebs & discant
 vlets of widest blk min (sph?), H.S.

97189 ^{rare} Rock float 617861E/7170385N
 rusty wea sil - gtz (sil/st?)
 boulder, 1% dis fine ~~to~~ gray,
 chl on face.

Other rocks in talus include
 st from OSK4 & narrow shls - slst
 from Prot. unit.

- looked for Goodwin occ along
 bottom of OSK4 cliff, found cal
 vlets, wh br & contacted So at
 DME contact but no vis sx.

97221 SS, 617927E/7169915N
 dry creek bed, ok sample
 dk gray - blk shl - chert, minor lat
 some organics.

126

Bottom line. Nice gtr but \rightarrow
hungry showing!

Zone trends \sim E-W
Lot So Variable \neq 20 variable

97222; SS; 617750E/7169587N
 Mod ok sample. dry creek bed. Course.
 Same organism. Just below
 supposed oc - w Goodman occ.
 Floor of est ± fossils, lesser sil-
 sstst. Bottom end of Goodman Occ.

⊙ R402-76 617654E/7169575N
 Goodman Occ, located in creek. 160m
 Exposure trends ~ E-W on either side
 of creek forming cliff up to 20+ m high.
 Consists of white gtz as veins, bedding
 replacements & as bx filling. Barblers
 of same material in creek at upper
 end of exposure. Rare sph as fine blk
 x-tals filling minute fractures & between
 gtz x-tals. locally of irregular. appears to
 be late stage or following gtz deposition.
 No gn vis, no barling etc. On
 margins gtz veinlets can be seen
 invading grey lst which is found on
 either side of creek.

97190 Grab from above.

Highest grade sph sample found
 (< 0.1% !). No vis on H.S.

128

Flat lying sed.

Course (10's down)

Caliche x-tal ore in creek approx
400 upstream from camp. M.S.

Summary

Next ore is not obvious -

Area's 250k mapping contacts
seem ok. Maybe looking in area
of Goodman (but Goodman is looking!!)
where the host lat is not mapped (?/dark?)

Dune area - we drew a ~~black~~ blank
1/2 rx are boring. Sinkholes were
vent as well caliche x-tal ore

97223 SS; 617220E/7168860N

blk carbonaceous silt-soil from
dry creekbed - OK sample.
OK, and float of fossiliferous grey
massive ls

97224 SS; 616318E/7168178N

Dry creek, grey silt pebbles/float,
OK sample. Located just at lat-silt
contact.

△ RH02-77 615609E/7168099N

Claim Posts (4) P#1 Y94943,

P2 94941

(~200m) just up stream of impressive
sinkholes in creek. Approx 1m
across but rock pitted in
west down for a long time.

△ RH02-78

Large 10x20m sinkhole 50+ m deep

97225 SS;

Very poor sample. brown clay-mud, ls
boulder float, sluggish ck. Head of
creek

130

bst w hving.

S 010/12 E

int fore. 005/290

FA - slide picture

July 18/02

cloudy, cool  131

Camp 'H'

Δ RH2-079 · 614841E/7168954N
 Calcite x-tal site revisited (See p. 129)
 coarse x-tals exposed over 25m
 in creek bed, & up to a min of
 5-4 m wide - o.b. limits exposures.
 Might be a near horiz horizon
 capped by lst. Also noted
 further up creek were 10cm wide
 coarse calcite veins on just fairly
 approx NNE. FA took slide picture
 Collected suite of larger, small
 x-tals with minimal damage to o.c.

Crest occ. 593639E/7239356N

Δ RH2-080

light gray-green silty sandst w
 thin ~~bed~~ - lamin of jasper

Picture of ch part & above o.c.
 P.#1 81495, survey p.#

2L19861155

Picture (digi camera) of dropstone in
~~shales~~ narrow shales.

M32

Paint washed cliffs (on creek banks)
drill core ^{holes} ~~samples~~ (for micro fossils) in
dolan bed.

○ R112-081

old drill site, old fuel drums
 ~6? inc 2 partially full w. Fe-
 Form samples collected from nearby ck

97226 SS: 592933/723.7699N

at Fe Form collection site near
 SW-81. OK sample but coarse
 good site. creek bed $\frac{1}{2}$ bank to Fe
 Form o.c. (BTF = banded jagged
 here).

Note: rounded (not sharp-pointy!)
 hills, grass covered, Fe Form does
 not stand out.

134

Sndst S_0 (wavy)

072/52N

joint / fractures

345/85E

2.10/cm

poorly formed joints

166/39W

down wlets on joints

345/85E

Sandy Lamin

302/70E

July 19

cloudy, cool 135

Camp: 'K' - Check out Econ sec.
& local geology, collect ss.Nad
27

△ RH02-82. 392814 / 7134752 N 29

O.C. of thinly bedded sandst, not
calc, (fine ss - siltst) grey, brown
In creek float of calcite veins,
gtz - oolitic round pellets, dis-
seminated in matrix (2%). Tr of mal.

Float also of vesicular bas, calcite
amygdale.

40m upstream O.C. of lamin brn ss
in contact w clastic multilithic congl
w^{brn} vesicular bas clasts up to 20cm,
sandst clasts in brn sandy-silt
matrix. Sand lamin cut by
bould congl - flow (or slump?).

See Pellets of pyritic argillite, py as
blebs; lamin (~5%).

△ RH2-90 (see p 143)

Basaltic - sandst debris flow

- See some light green grey fine grained
bands (matrix) w irregular mixed ~~clasts~~ argillite
sandst clasts cutting blk argillite

136

lamin S₀ 215/76 W

1 spark v. ~~fine~~ fine gr'd gn in matrix.

RH-83

97227

SL ; 393121E/7134789N

lim brown area on ridge spur. brown soil-talus fine good sample.

Rx of calc-dolm (flt?) brx w arg. argillite, basalt, ss clasts (<2cm) in fine light brn calc-dolm matrix. ~~the~~ Unzippy cal veining as well.

- U.S. of above lutite brx w mult. little arg clasts
o.c. of dol bas - tuff(?) just up hill-up stream.

△ RH2-84 393326 E / 7134644 N

Upper contact of grey subst-siltst w more massive org wca calc-dolm (alt?) unit. going uphill ^{gas} spald into a grey limy subst w grains of ~~alt~~ argillite.

138

S₀ 90-110 / avg 35 S

Est 228° cut curve (→ 229)

gully w/ 1/2 sil bx ¹⁰⁸ ~~1090~~

Est S₀ 110 / 28 S

RH
camera

> Pictures looking @ Ba-Py
to SW of Ecm

(FA#
56596)
occ

DRH 02-85 ; 393

contact between grey limy poorly
sorted dirty silt of basaltic unit.
(flow? more visible along contact).
basaltic silt from head of cingue

- Raining!

DRH 02-86, 394268E/7135015N

Spec of greenish (brn-tan wea) limy
tuffaceous - arg ss. ^{H.S.} pyrite dis in
arg clasts, located near contact.

Fault? Cuts across cingue?

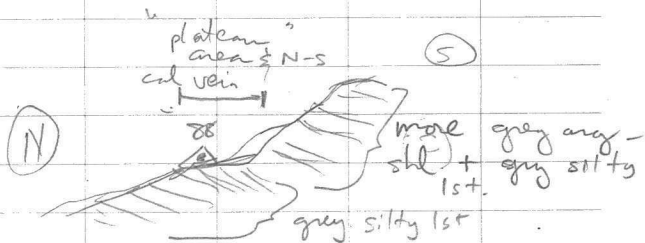
- Nearly (< 50NW) (small pitch of) of white

wea sil tuffaceous bx, arg clasts,
ble ~~ble~~ arg-bas & grt clast, possibly
clasts? H.S. # 86a, clasts subround
up to 1.5 x 2cm, + dis py surrounding
some clasts.

stopped raining

DRH 02-87 393841E/7135300N

~ Contact between bedded grey silt to SE
& grey silt to NW. ^{Pinstripe silt + large} Lst has blebs of dis
of py, burrows of mud - arg interbeds



Calite vein 186/90 ± 5

| | | | |
|-----|-----------|-----------|-------|
| S | silty lst | 135/34 S | |
| int | | 27.4/72 N | 2-3/m |
| int | | 010/90 | 2-3/m |

97228 SS; 393985E/7135702N

Good sample, a little coarse, bk-gry
shl $\frac{1}{2}$ grey lat - silty lat.

In further search of "Ea" min

△ RH02-88 393846E/7135867N

~ 1.2m wide coarse bladed - xfoliated
white - light grey silty vein.

Can be traced from loc ~ 60m

No vis min H.S. of vein - just
for fun! Vein doesn't cut creek to the

Vein cuts light-grey tan wea ~~silty~~
~~bed~~ bedded silty lat. E-W

joints likely filled by min in Minfil
veins (Pb-Zn etc) - ones we can't find.

△ RH02-89 393248E/7135611N

Contact between massive grey
ling sltst (or vice versa) & calc
basalt & or basalt tuff. H.S.

H.S. 89a of alt basaltic tuff

142

97229 SS; 393064E/7134803N

Coarse silt; steep creek-gully.
ok sample site & material. Floot of
vesicular bas., limy silt, listwanite
alt bas w cal veining, sandst, siltst,
dirty ss, siltst w arg, green tuff
dust.

⊙ RM02-90 392968E/7134805N

small < 1m x 1m oc. of orange ~~oxide~~
calcareous vein cutting dk gray argillite
irregular vein contains arg - subround'd dust
of arg & multilithic - argillite dust w
lithic frag ~~frag~~ on 1mm
scale. H.S.

large oc. and large scale
sample is cobb size dust of basalt,
silty dust, argillite ~ 10m downstream

No pictures!



Pictures at ~~beginning~~ beginning of
roll looking SW $\frac{3}{4}$ S of
rusty wea shls w 'zinc moss' (?)
below 1st cap.

Summary Camp K

Couldn't find
Econ occ.

New sedge (Vms?) Ba-py occ. alt
basalt result of recast listwanite alt or
primary alt assoc w river
lots of carbon around, smells like benzene

July 20/02

cloudy, cool 148



Revisit FA-90

97191

393203E / 7135307N Nad 27

2m grab over arg. lst-stst ch

barite debris flow horizon (see pictures) clasts rounded up to 15x30cm

H.S. of py-Ba horizon (± clasts?),
banded arg-cht-py which forms matrix around clasts.

Has vis
Ba

Camp N

- set out @ 11:15 am

Nad 27

DRH02-91

624284E / 7113258N Nad 28

fault zone in saddle of ridge
cutting Hyland Gp into slst.
lst capping ridges across creek valley
are thrust over the blk-grey shls.
Shals have Fe stained cracks of form
Zn moss at base of slope beside ch
(see pics).

146

blk shl Sa 110/32 S

97230 ss; 623830E/7112938N

Good sample of site. mod coarse,
pebbles of grey shl, siltst, & grey lst
Boulders not Fe or Mn stain'd -
suffused by lst? Some ^{white-grey} qtz boulders

97231 SS; ^(S) 623866E/7112525N

dry gully draining blk carb shl bed
horizon below light grey lst (feted & has
crinoids ~~too~~ in some boulders). Good
sample of site.

△ R402-92

small blk shl oc. in gully above 231.
Some of the very blk shl is fossiliferous,
v. fetid (of petroleum smell?) w abundant
fossils (not in o.c.) of brachiopods, bryozoans,
crinoids.

Some grey lst boulders also have
~~brachiopods~~ brachiopods. Also abundant
boulders of qtz & iron-free ~~lst~~ chert.

148

S.

072/405

grey beam in valley: + carbon

① R112-93 623964E / 7112399N

gray shale in Fe stained lenticulate
gully. - No 1st boulders - No buffer.

97232 ss (S)

dry Fe stained gully, gray sh
ok sample, lots of Fe - lim specks.

97233 ss. 624400 / 7112346N

ok sample - good site bar.
Main creek; blk sh, ^{gray} white 1st - gte

97234 ss. 624101E / 7112344N

~~state~~ 'good sample - good site.
Front of blk sh, ss, calc ss, fossil
1st (FA - reefal front!) 1st w any
any clasts - Sample mostly of all frags
High gradient

97235 ss. 625754E / 711258N

Good site, good sample. sh
frags. Front of gray 1st, sh, s/1st
ss store. Mod gradient

150

S₀ 084/59 S

97236 SS; 625772E/7111062N

good site, mid bar, good sample.
gray shl frags. Boulders & pebbles
of white lat, ± fossils, shl, siltst, arg.
mod - low gradient

△ RHO2-94

o.c. gray shl ~~etc.~~ - siltst
minor graphite on So surfaces to minor
movement. minor lim on o.c. < 10cm
~~bed~~ bed.

97237

SS; OK sample, U. Small ^{side} stream
gray-green siltst; shl float pebbles.

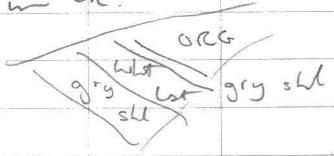
97238 SS;

good sample, good exp. Brown
ssd gray-green & minor shls,
fossil lat float.

#

132

Picture looking NW @ street
from # 344206 w FA in CR.



July 21/62

Ru/FA stream patrol; warm, humid

TARGET: N

△ RH02 - 95

stream float of gray ^{tan} siltst, tan-org
w/ 1st congl. Calcite veining, dense,
compact w/ gray, white, yellow bx clasts of
filling. 1 spark per

97239 SS; 627101E/7110273N

Nad 27

28

good site, good samp. shl ^{1st} frag,
siltst frag. Gray, org, w/ 1x
float of above. Boring! thin calcite
veining

97240, SS; 628365E/711107N

as 239. Mostly gray-green siltst
shl float, lesser org - tan w/ 1x
1st

- 1 boulder of dk gray limy congl. -
little wacke, small org org-shl,
1st frags in a gray 1st matrix of blebs
of pyrite up to 0.8 x 0.2 mm

97241, SS; 627301E/7112357N

Main ch. good site & sample

154

located in S Main Ch →
but in fan of trib.
Source likely main Ch but
pos also side Ch.

Sandy silt, silt frags, lst etc.
 water a little high due to recent
 rain. Sample from trap behind
 boulder(s), consists of sand, silt &
 small clay pebbles; 1 pan test
 revealed NO heavies.

located just above RGS site.

97242 Pan Con; 627360E/7112466N

Pan con of from creek bottom -
 purely sand submerged bar behind
 boulder(s). 1 Full screened -2mm
 black plastic pan. Mostly silt-
 silt frags. Co of white grains,
 coarse bright white wet silt flakes.
 Flots of wood siltst, orange dol,
 & gray fossil lst, minor silt.
 Everything we've seen so far.

97243 SS; 627296E/7112525N

Trib on N. side above RGS
 good site of silt. Mostly
 narrow silt, some grey silt, gk, ss
 boulders

156

S₁ 120/855

Fold S₀ 125/56 S
~~FA~~ Aerial Plane 156/40

Small FAxis $\overrightarrow{272/48}$

$\overrightarrow{272/48}$

Large 10m FAxis $\overrightarrow{148/40}$

$\overrightarrow{148/40}$

△ RH 02-96 627398E / 7112281N
Maroon shls

△ RH 02-97 627434E / 7112115N
Grey massive fossiliferous ls o.c.
on slope to N.

~100 m upstream. Bedded dk grey
ls, ~~shl~~ carb shl interbed. exposed along
ck ~20m. Fetid ls. Minor argillite
ls balls - nodals.

97244 SS; 627420E / 7111810N
S. side trib. Sandy silty s. s. s.
from behind colder trap. OK.
Flot of grey & maroon shl, ls, ss

97245 SS; 626928E / 7111182N
S. side trib. Good silt & s. s.
Usual flot of maroon shl, grey-
green shl - silt, ss tan wea
ls

97246 Pan Can as 245

No vis heavies; shl frag frags only.

158

S_D 170-190 / 80 W

ORH2-098

interbedded gray silt to shl partings,
bedded gray siltst & shl. Fe on
fine fms. No vis sx.

Fgnicrete at base of o.c.

97247 Pan Con 626761/711187N

Good bar site, good sample.

Mostly blk shl, siltst float, fossil
lot. white gte-ss.

Pan full of white grains (Ba?),
heavies, couple of silver
metallic specks.

- went to o.c. of gray shl.

97248 SS; 626235E/7111298N

v. small stream vegetated talus
fan. ok sample - ok site

gray shl float pebbles.

97249 SS; 626160E/711159N

small creek vegie talus fan.

lot siltst, tan-brown shl

No blk shl like N. side of creek

97250 SS; 625879/711040N
as 249

97192 SS; ~~625666/710909N~~ ^{625544 7110768N}

Main ck - just below ^{above} grey sl
o.c. STW-94 (July 20)

Good sample, good site. Plots of
grey arg, sh, ch, & grey fossil
st, minor maroon & tan sh, etc - SS

Summary

- Round well veg, hills.
- More shale than on map.
- Ba in par concs?
- Sedac potential.

162

July 22/02



163

Warm, calm.

Target 'P'

Sian Oca.

56451 SL 608828E/7110746N
BRN clay rich soil. Flattish
Brn-tan-ory wea grey x tall's
lst cut by numerous white calcite
veins.

56452 SL; 608658E/7110875N
as above, more grey ^{wea} lst, less
ory wea, still cut by calcite
vns.

- 50m down slope to NW Sree of
light green v. pink shl - green-
brown wea.

56453 SL; 608457E/7110870N
brown soil, ~~shl~~ light grey-green
shl pebbles, ~~grey~~ dk grey argillite
(glacial?).

56454 SL; 608243/7110889N

169

S₀ 100/765
RH camera - Picture of ice

Brown soil, glacial. mixed float,
light tan - grey silt, rounded gte, ss
avg.

56455 SL; 608068E/7110984N
red brn soil. silt pebbles. ~~etc~~
located @ edge of chopper (cut)
pad.

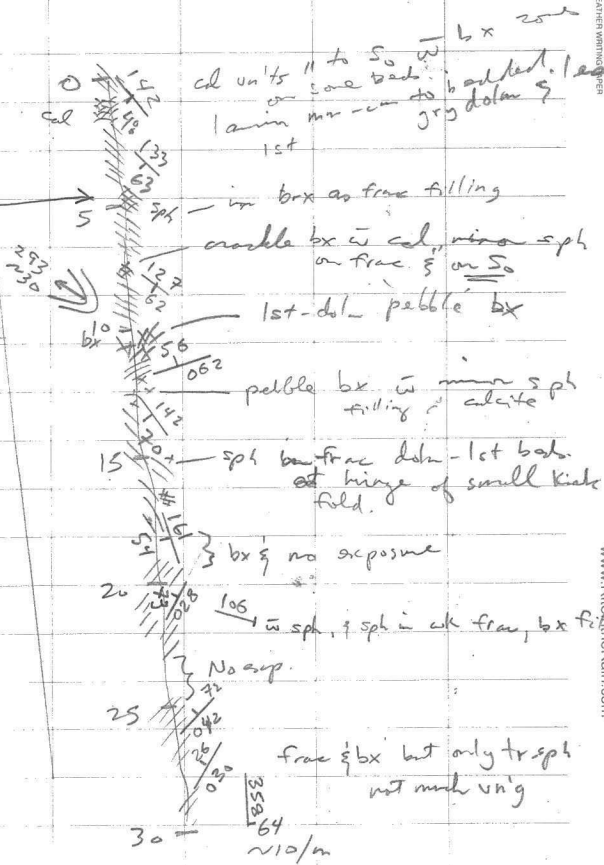
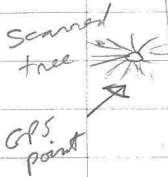
△ RM02-99 608057E/7111002N
Drill pad $\frac{1}{2}$ old drill hole - no
pipe but driller burying ramp,
depression, stake but otherwise
v. clear.

~~Red~~ Spoil from pad consists of
mostly calcite veined red brn - grey
lamin. bx dolm. Some gte unig.
Calcite vein $\frac{1}{2}$ bre filling coarsely
xtallic.

- Nearby 10x3m oc. @ 608007E/
7111000N
of same lamin. blk cut by cal
velets. Varying (if striping?) ~
parallel to lamin.

Trend of Tr 354

9793



Sph mainly on So & on NE-W fractures.
occurs as br filling - not banded.
or intimately assoc w calcite vng
as sph is in smaller vnglets - fracs of
not larger cal vnglets w crustiform
coarser cal x-tab &
sph after cal vnglets & associated w
calcite.

56456 missing 168
Not used

sph
★ mk

△ RH02-100 608030E/7110986N

O.C. of Trench. H.S. of min of pos. rebar RH
Overall a hungry looking trench
min assoc w min folds.

97193 Rock;

grab from about 5m walk in to
sph in face ~ 4-5%

Sample over ~ 20cm but min is
very discontinuous. Sampled for
effect! Red-brn sph.

56457 SL; 608053E/7111056N

below trench at SW-100 above.

brwn slightly loamy soil. CK
dwn of white vein'd float
boulder nearby on well vegetated
slope.

56458 SL;

Dup of 457

#

Tues. July 30/02

Kusawa

 169

cloudy, warm

- Dropped off heli fuel @ Ducks-
campground sand pit.

- met 'Geman' at yellow gate - end
of Rd. He threatened to shoot
us if we used his road. His
dog attacked Kelley & scratched
+ ruck (?). He looked 'unbalanced'.

△ RH02-101 436542E/6715629N
granodiorite o.c., Inequigranular
gray wea, 10% bio.

△ RH02-102 434779E/671557N
fine gr intermediate. dyke cutting
inequigranular gd.

170

Thurs Aug 1/02



Reinforced Paper
ALL WEATHER WRITING PAPER

Silt / Soil "blank" checks.

collected from white clay cliff
at E. end of Klondike ST.

56459 ✓ clay cliff silt

36460 ✓ "

~~89~~ 343893 "

343894 "

J. L. DARLING CORP. TACOMA, WA 98424-1017
www.ReintheRain.com

No. 312

Thursday ~~July~~ Aug 1/02



JVR, ORS, RH

Whse Copper - Sample checks
Best ~~at~~ Chance Cu deposit, ^{Std}

493539E/6726218N 27

✓ 97194 - 1 grab from Best Chance
Cu deposit mud pile

✓ 97195 - as above.

✓ 140397 - " " ✓ 343891 ^{as} above

✓ 140398 - " " ✓ 343892 "

Note: total of 6 deep samples.

△ RHZ-103 493329E/6725955N

Griffin Deposit

97196

" blank" white x-tallic lst - No vit
SX, ~~not~~ ~~not~~ mangled.
To be used as a blank.

140399 as above, split (pieces)

" blank" from 97196

172

△ RHZ-104

Griffa showing ~ 80 m from
main workings

- R.S. - good intersections were
N. of Griffa.

97197

496895E / 672276N

White Copper tailings

Rock sample. fine gr red gr
tailings.

~~3838~~ 343888

as above.

Soil/silt from tailings
as above. Soil check.

343889

as above - sl check

343890

as above - sl "

140400

as above - sl "

174

Aug 1st S₀ - lamin 300/~90

RH cam. Picture of bark side of Skunk

Picture of Row Trunk area of
gyp on S. side. looking NW

May Swo 0.99 - 4.29

Aug. 2/02

X-

175

Kusawa - all 4 yrs.

Ram occ

Nad

△ RH2-105 459704/6673403N 27

Upper Trench area - Qtz - chl - spi.

sph - ~~moly~~ min in highly deformed

gr - sch. - See pictures. - moly H.S

△ RH2-106 459678E/6673311N

Lower Trench - small, *original?

High grade sph - Qtz.

located below (in slope) of 140°

trending st - malle unit.

△ RH2-107

Hill 1.5 km SE of Δ 105 & 106. Qtz -

folded porphyry - H.S. Several variants,

plus gray intermediate f. gr. dykes.

△ RH2-108 461134E/6672740N

Whole rock sample of Qtz - folded porph -

v. similar to SW 107

56461 =

SL / talus fine from gully

SW of Δ 108. Only silt.

- gtp, o.c. both sides of gully ± Fe
lim wea

May SWO 2/1.09

May SWO 0.01 - 0.04 -
S.C. - float - white ble wa gfp.
O.C. mass gfp - 0.12 - 4.5

△ RH2-109 / just downslope 50 from 462

lin wea well frac grt feld purpl-
slightly finer gr than upslope but same
size photos.

56462^{SL} 460790E/6672787

sl from top of lin wea frac
grt feld purpl. light tan - lin - yellow.
Some clay; silty, No rock frags.

56463^{SL}

sl, yellow - lin, clay rich,
clay alt ~~str~~ zone in frac str.

56464^{SL} 460606E/6672662N

sl talus fine, lin - org; sandy,
rock frags. to clay.

△ RH2-110 459206E/6672076N

grt feld purpl, lin wea white.
- white wea purpl to E. of above
(\approx 100m away - across gully)

176

Many Sus. 0.03 - 0.46 py introns
0.32 - 0.46 of fresh grey
intermed. dyke

S₀ 220/18W

Dels occ. - Showing A

△ RH2-111 450702E/6684806N

TR#2

- May see on fine gr. v. rusty wa
pyritic - bio interbedded intrusive.

- Fine gr interbedded dyke.

TR#3

- may see on bio-gr dyke - fine gr
0.14 - 0.4

- min in FW of lbt:

△ RH2-112 446444E/6682298N

Primrose occ.

sph in ~~activated~~ skn - in HW of
lbt bed, occ ~100m from
qrd contact

△ RH2-113 446640E/6682329N

banded-lamin lbt-male - calc-
silicate bed ~10m thick, upper contact

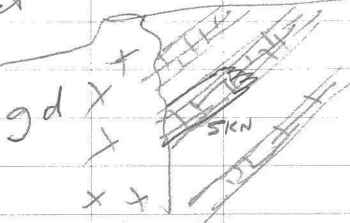
has approx 1' ~~to~~ fine gr dip-side

skn. Minor pods of Fe rich calc-silicate
q, upper portion's more massive & x-tallic

- Digi pic of RH of FA (2 pic's) next to 1st bed.
- RH pic of 1st bed. from SS site.

strong S_0 212/27 W
 " " 292/90 1-2/m
 " " 020/70 5-2/m
 lineation S_0 297 \rightarrow 24 W
 276

Target



- 2 bands 1st
 exposed
 approx 30m
 apart.

Nose of minor fold 297/30 W

Lower portion is more laminar w silicate horizons.

56465 SS ; 446652 E / 6682 282 N.
 from small seep in gully
 lining ^{small} creek below ^{10'} 1st bed.
 Good sample, sandy, silt, pebbles of
 gl, meta sed, calc silicate. Seep in
 main creek valley so any anomaly
 is from seep or from min zone
 up main drainage.

① R112-114 446367 E / 6682 328 N
 ~10m thick white-lite grey 1st bed.
 RS has Rock sample from Fw SX contact
 horizon.

Best target would be nose of fold
 plunging into Kgd.

r. qtr is earlier,



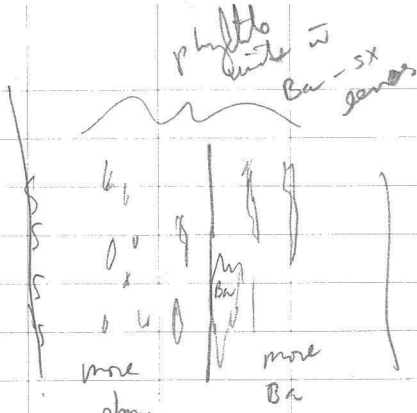
Sun, Aug 4/02 Jan D., Willie, Rosaline -

Nic claim gp.

- pink sgs where fresh. In tracks
Fe-CaCO₃ alt. brn, some Mn, sh'd
& fr. Text by light grey - gm rhy
glossy dense gr in str sgs cut
by late fr. No single continuous
gr on; Rather a series of veinlet wht
as locally at base the sh's & fr.
also in area of rhy, at big
cleaned track, fine chalcidary gr
veinlet & brx in chalcidary & matrix.

184

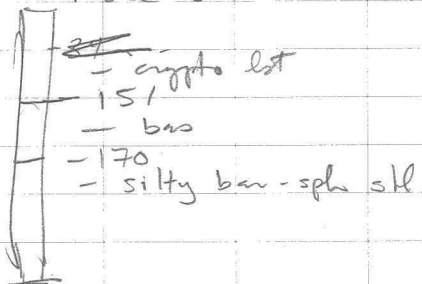
crypto-
lst.



wavy banded lst

— — S₀ / fld? 351 / 62W

Hole J





Aug. 6, 2002

4 of us visit mel Deposit.

Nad

83

△ RH02-115 588156E/6691576N

Upper pit - big cleaning.

brx tan-green phyllite - mudst. w
blebs - infilling? of crystalline ~~calc~~ Ba
(picture.). Lower pit has ~~less~~ much less
phyg. Mudst - phy clast - rnd'd up
to 10cm, chaotic br - active environment.
min dt within Ba.

- Sharp contact w Hw cryptoxtal (st. looks
like a flt contact).

- Drill core exam.

J96-10 & J96-11

H.S. dense fine gr. green bas? - ad
above (in hole) blk sh. - siltst w
coarse blebs of sph. contact @ ~ ~~170~~ 170 m
H.S. of min blk silty - ^{baite} ~~trng~~ sh.

- also H.S. of lot w amygdaloidal bas
clasts from Hob J-95-3, 66m.

Traverse over Magy low (1st vert dir)
 & above creek on on in Au, Sb etc.

56466 SL; 607199E/6674907N Nad 27
 brn soil, mod cly, ~~the~~ lots of
 rounded small grey list & some blk chert
 pebbles. Till(?) most likely. No sample
 poss due to cly's loss(?) from
 hole set out to sample 466. Approx
 25cm ~~deep~~ deep. OK 'till' sample.

56467 SL; 606941E/6674729N Nad 27
 brn soil as above, less small pebbles, a
 few larger ones of ^{tan} list & ^{grey} chert bx. OK
 till sample.

56468 SL; 606749E/6674585N Nad 27
 as above.

△ RH2-116 606863E/6674596N
 angular list bx. H.S. - float.

56469 SL; 607063E/6674622N
 core sample, mod quantity, clay,
 chert, list pebbles.

186

Spec - flt $\frac{1}{2}$ str zone 196/60 W
Main gully $\sim 030^\circ$

△ RH2-117 607075E/6674620 ^{Ned} 27

1x2m of ~~white - light grey~~ ^{white - light grey} ~~was~~ ^{recrystallized}
 white - light grey ~~but~~ ^{recrystallized}
 but (Bx?) matrix of coarse gr
 calcite x-tals. H.S.

56470 SL;

brn soil, clay - silt rich, lesser ls-
 st pebbles, base of slope. mod quartz.

56471 SL; 607444E/6674251 ^{Ned} 27

Till of ls? Poor sample
 0.25m deep.

△ RH2-118; 607452E/6674142N ^{Ned} 27

calcite crystals - ls brx. x-tals up to
 2cm. o.c. $\frac{1}{2}$ sub o.c. < 1x2cm

97198 RK grab of above.

*Bx Lst o.c.

56472 SL;

from base of bx of calcite vein'd ls
 bluff. Sl from narrow flt? zone
 ls vuggy & imp lined w calcite xtals
 minor lim on face.

190

Nod₂₇

97199 RK FL; 607490E/6673994 N
brn tan lat, waxy, very lined to white of
brn calcite x-tals.

DR42-119 608001E/6673066N Nod₂₇

1 full plastic gold pan of mid
brn sand. Some fine black sand, brn?
but not much. 1 ^{poss} flint of v. fine An
Cobble, pebble seds of lat, dol, lesser
stret, calcite veining. Even the 'sand'
is highly calcareous.

#

192

many one of last box; 0.00 to 0.05

S₀

198/40 W

lantern/beds

Aug. 7/02

warm
cdm

193

Coal R.

Am - heli creek sampling - att get.

56473 ss; 607301E / 6683675N 27Good site & sample. 1st 5/20
pellets.56474 ss; Dup of above.TRAVERSE START56475 sc;Hill top @ FA & RM set out. Light
gray fine, bx 1st, veined & cemented by
cal. mod-poor sample quality.
light-red gray decomposed 1st. Blained
Flint boulders on top of quartzite -
dio etc.56476 sc; 612780E / 6642754Nas above, mod-poor qual.
base of hill - knob.

56477 SL;

brn - loess - till sample, poor qual.

56478 SL; 613231E/6672733Ntan till (loess rich?) soil.
mod-poor. lot pebbles.56479 SL; 613497E/6672626N

Poor, loess & organics. Bx lot s.c.

56480 SL; 613724E/6672660N

Till. Poor sample.

97200 RK; 613724E/667660N ^{Nad}₂₇

Location is 480 above.

First size piece of ~~heavy~~ Fe
stain'd lim bx. No lot or cal
present. Fine gr siltst(?) frags
w ~~st~~ lim - Fe material.56481 SL, 613808E/6672807NGenuine till, sandy, clay rich, tan
colored. OK for a till sample

56482 SL; 613827E/6673011N ^{Nat} 27

Sandy-silt - some clay. Rewashed till
± loss. Poor sample good

Collected by auger 0.80 m deep

- Hill on N. side of gully. ^{Talus} 1st bx, cal
crest of valley - Same as at start.

56483 SL; 613188E/6673539N

till from base of overturned tree.

Sandy-silt, some clay. Poor sample
unless you like till (poor outwash)

56484 SL; 613077E/6673701N

SL collected ~~to~~ on east side of
ridge spur. Some organics.

Bx 1st $\frac{1}{2}$ s.c. of Talus.

- Summary: Boring bx 1st - same
as yesterday. Soil generally looking -
mostly till samples. Ugly bush.
No decent cracks. Beyond $\frac{1}{2}$ in
back ck area from till core area.

198

STW 120 near 121



Aug 8/02

Driving Weston - Whse

ORH02-120

lot of, ORG wea, green mica?
calcite veins, cut by mafic dyke.

ORH02-121 354733E/6644139E ^{Nat} 27

- Logjam Rd turnoff from AK (W)
- 50 - 5x veining (in clearing) cutting
gray sh's - met. sels

Object: check out RGS anomaly

F_1 076/66 S
TCI ~ 140 - 160

F_1 (-160m to south) 130/80 S

TCI 110 - 140

R_1 315/50 N

Aug 14/02

~~202~~ 202

Kusawa - Target E3 on E. Lake shore
URTEC on for trans

△ RHZ-122 431416E/6694949 Nad 27

- Band gtz - bio mts, well fol.
- Heli set out spot.
- Foliation/banding quite variable.

~ 200 m to S. 20 x 15 m o.c. of grey
med gr bio grd. Contact not
exposed. Dyke?, Near contact?

56485 SS; 431319E/6694751N Nad 27

v. small, < 0.5 m wide slugs of ck
pore site of sample 10-20% organic,
fine silt & sand. ^{Angular} flat boulders of
grd; grey feld pydx, gtz - bio mts
- o.c. on S. neck bank of gtz - bio
mts

- Extensive o.c. to S of mts w
occ grd 'sills', intensive
foliation to mts fol. Minor gtz
pods w grd & along foliation.

203

TCI - 170

56486 SS; 430936E/6694490N ^{Nad} 27

Sandy-silt, mod gravel, < 5-10%
organics. < 0.5m wide ch. mod
slope 3' flow. Angular grad flint.

gtz veining 3' wh sec in grad.

- grad on hill 3' bank to south.

- ~~small~~ ~~amounts~~ of till deposits on
creek bank

DRH2-123 430668E/6694919N ^{Nad} 27

grad o.c. similar to above grad

o.c.'s. H.S.

56487 SS; 430590E/6694937N

Sandy silt, poor gravel as org's
up to 15-20%, mixed flint
(due to till?).

- MIS on N. bank.

- brook downstream on S. side
MIS 3' grad - interdigit contact.

56488 SS;

OK sample, sandy, fill bank.
Small < 0.5m ch, steep

white kgd TCI ~ 180 , mag 5. 4-8.0

gray pmp. TCI ~ 120 , mag 5 @ 16-0.18

slide Pictures of hills E¹ W.

TCI ~ 150 , mag 5 no 0.99-1.8
 Strong jating cutting. gms kgd
 216/685

No creek at mouth on lake shore

△ RH2-124

MS grad oc. on shore →, starts @
SW & goes S. QTY - fed bio gr.
H.S.

GRUSS Kgd

432191E

△ RH2-125

~~432191E~~ / 6712683N

top of hill # Gruss Kgd on S. side.
& on hill to E & W.

- o.c. @ SW of med-dk grey fold
pyoph. Cut by 1 m dyke? of
fine gr. green type wea Kgd
(H.S. - of both) Contacts v. tough
to follow due to scale.

- 25m S - edge of green Kgd. lots of
mineralitic cavities, some lined w gr.

x-tals

Multiple phases of intrusion

- grey pyoph
- med gr non green Kgd
- fine - med gr green Kgd
- fine gr white. - non green.

207

shw 2042/?

may 200 001 - 0.20

56489 SL -

guss Kgd - near top of hill
 numerous micritic cavities.

56490 § 491 (dump) Soil

431949 E / 6712814 N

lim orge - wa dry rock zone cutting
~~st~~ white Kgd. sh'd - slabs. low
 mag no < 0.3 implying alteration
 as surrounding Rx are $> 1.0 - 4.0$

56492 SS; 433092 E / 6713978 N

Course sample w some slime of
 moss poor - mod qual. site
 ok - boulder filled ch. Kgd
 flint.

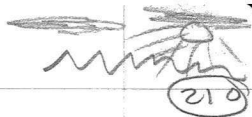
DR42-126 base of hill near 56492
 in mag low area. Grey nod gr Kgd
 (H.S.). Low mag no measurement.
 Large H.S. for whole Rx sample.
 Kgd cut by numerous white aplitic
 veins.

209

pictures of war occ area.
Red 'dykes' etc.

| | | | |
|-----|-----|--------------|----------|
| May | 500 | 0.08 - 0.10 | |
| " | " | 1.08 - | gen and. |
| " | " | 3.05 - 10.98 | |

Aug 15/02, cool



Checking out war on to FA.

Occ itself too steep to visit.

Soil - purporting from over saddle area.

Nad

56493 SL: 442298E/6719544N 27

BRN soil, some till & less, so qual is poor - mod. Float of Kgd, feld porph & some and porph boulders - above cut by epidote alt fractures.

Glacial till boulders of Kgd on ridge-hill top.

56494 SL;

BRN soil, mod qual, some loess, minor orig. Kgd, and porph in epidote float.

* O.C. of white cea, light gray, g-f-hbl porph - Missing smoky eye eyes 50m to NE, green and.

56495 SL;

as 494, float & o.c. of rhy feld porph

211

Kyd may

Sus

5.0 - 10.0

may Sus

< 0.05

and

may Sus

0.15

56496 SL;

minor ^{STRM} pstl^t component to sample. Mod
 grad - as previous. O.C. of
 bio-hll Kgd.

56497 SL;

below main peak. Till & less +
 Suel. ~~the~~ poor - mod quality.

56498 SL;

mod grad, sandy, Kgd & various
 purple float.

△RH-127

443211 E / 6720 673 N

lin wear. gf-bio-hll purple
 might be cause of rusty wear
 rx on W. facing slope where
 war occ plots.

cutting??56499 SL;

rusty - lin wear soil, felsic
 & green feld purple and.

ORU-128 443185E/6720202N
 med gr gry kgd. H.S.

56500 SS; 450722/6717479N
 Main creek
 Ok sample. Sandy + gneiss, kgd
 float.

176601 SS;
 Side trib of 56500
 Sample sample type, kgd & minor
 various intrusive float.

176602; SS; 424953/6697552N
 Sandy kgd gneiss. Ok sample
 float of kgd. No mts in dr
 or vis on hillside.
 abundant rounded kgd boulders
 in area.

176603 SS; Trib 415558E/6703185N
 gne kgd sand & minor silt.
 minor dk grey felsic (tuff?) float of
 lts d. kgd + minor mts.

215

all May Sw. 0.8 - 6.0
Rocks in area avg ~ 3.0

May Sw 3.0 - 5.0

" " ~ 3.0 avg
N-S jts w minor Fe, lim

176604 main creek.

gross sand, minor silt & trace
organics. mostly Kgd float.

△ RH2-129 420841E/6677919N
Med gr Kgd. H.S. Snee
slope. minor Kgd variations

- No further veining located
near nearby vein occ.
- DK grey fine gr. mafic volc bx
H.S. chert of Kgd. - These
are the rocks exposed in headwall
cutting Kgd?

△ RH2-130 420833E/6678452
Kgd cut by joint (avg 2/3 m) &
irregular gabbro dykes

176605 SL; 420834/6678481N
granular gross soil w some silt
Kgd float snee. Test
for hidden veins!

217

Mag Sum of legend $\sim 1.5 - 2.5$

Mag Sum ~~0.04~~ $0.04 - 0.09$

176606

176007

Dump of 606 above
~~Drum~~ soil @ base of scree.~~the~~ Kgd to minor lim on some
fractures. Also blk amphibole on
some face.

DRH2-131 421031 E/6679060N

Grey wea, ~~fine~~ light pink fine gr bio Kgd
H.S.— Scum of Mag low - No
gte seen, no alt vis.

219

Rx Previously submitted to NAC

97194, 97195, 140397

140398, ~~#~~ 343891

~~#~~ 343892



Whse Cu tailings were
collected & homogenized by
cone on cone method

176611, 612, 613 to be

Submitted to Chemex

Aug 23, 2002
 whse

Checks for Nal sample
 submittal.

Procedures used.

6 rock samples previously submitted
 to NAL were combined &

homogenized using a mortar & pestle
 using the core on core method.

Moist sample was then bagged (1 bag)
 and the following 3 samples
 scooped out for submittal to

Cheres: # 140301

140302

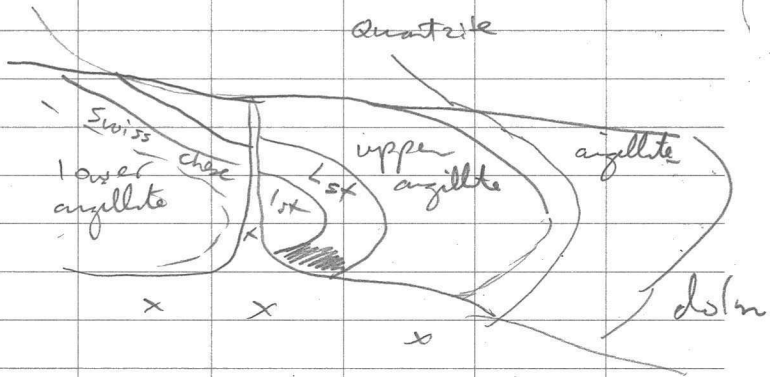
140303

Soil samples from clay cliffs
 in whse were collected &

homogenized by core on core
 method: # 176608-610

to be submitted to Cheres

221



Swiss chese 1st is a calcareous ~~less~~ chert unit.

Canary ton.

222

Regional Structure.

- ~N-S syncline up Flat ch.
- mine/ore hosted by ~E-W recumbent anticline.

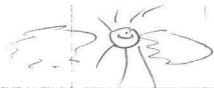
2 types pos

1 mag. $\dot{\gamma}$ ox. easy

2 non mag. $\dot{\gamma}$. doesn't ox. easy

223

Aug. 28/08



224

Money Creek - historic Anplac
producer

176614

465634E

6807746N

MAD 27

silt sample 25m
upstream on N. side of
bridge.

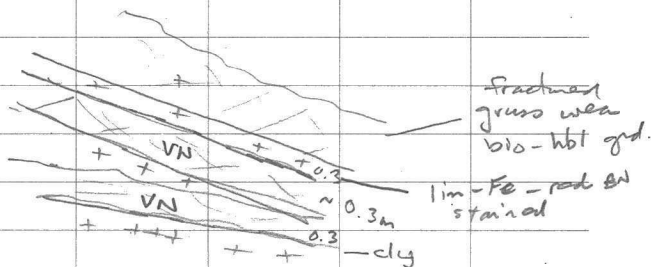
Course - fine gravel, organic
rich fine mud. Mostly silt &
min fine gr greenstone.
Thick till cover in area.

225

Clean yard area $\sim 145^\circ$

Mug Sus. 0.4 - 0.36 - 0.44
in zone $< 1m$ above vn.

Mug Sus. 13.8 - 7.0 - 12.4
in zone $> 1.0m$ above vn.



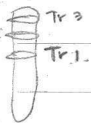
Thurs
Aug. 29/02

226

Scottie - Wellsley SNA

△ RH02-132 501725 E / 6989862 Nod 83

5 smaller
x-trenches → Longline Prop. - Large Trench
or open cut. Trenching ~145°



Area is ~~is~~ surrounded by well
tree-vegetated slopes. Head
of Swale Ck.

Kgd is guss wea - rotten, brn on
wea surface. med gr. - coarse gr.
equigranular 0.5mm grt - feld-
bio grd. (tbl ?), ~10+ tbl.

- Qtz veining varies from massive
milky white - mass thermal looking
(as in TR-1) to sugary, coarsen
textural with br textural & blebs &
dis
~1cm

clay on vein contacts. ~0.3m
vein selvage to low mag cov & Fe
stid
coloration

Sulphide noted in, blebs & dis of
sph & gn, faint scorodite stain total
& some 0.5cm acicular ~~needle~~ needles
- aspy? in waxy white @ d

227

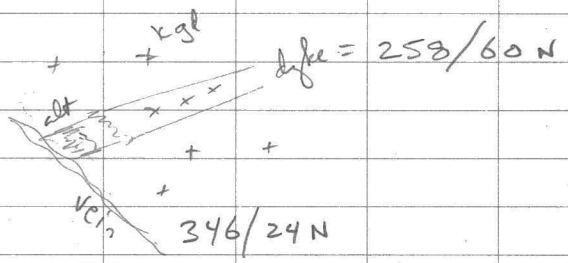
And(?) dyke

< 2.0 - 0.4

Darwin Range Kgd

4.0 - 6.5

mag
2ms



Trench 3 Dawson Range Both Ugh as
 in Tr-1 cut by grey-green sh'd
 field phytic (2-4mm) and(?) dykes
 ~ 2m wide. on N. and cut off
 by fault, S. and grades into ble, clay
 alt, white alt adjacent to $\frac{1}{2}$ above on
 Texture at contact is almost mylonite
 looks like a welded tuff-igneite.

Scottie SMA

176615 SS; 500629E/6969334N ^{Ned} 83

v. poor sample. Brn, clay-rich;
 brn color, minor sd-minor sand
 size particles. Organic ~ 10%.

lot of ash-mud in area, in
 boxes. Slugged ch < 0.5m wide
 v. low gradient. No sand, pebbles
 or float.

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Poss So \approx settle dip to S

| | | |
|------------------|------|------|
| Mary Sue | 7.01 | 0.57 |
| | 1.02 | 2.77 |
| Larger base dist | 4.1 | 2.96 |
| one most regular | 0.74 | 2.52 |
| | 3.04 | 0.27 |
| | 0.17 | 3.48 |
| | 1.03 | 2.68 |

Cliff is an anomaly (!) for area.

| | |
|----------|------------------------|
| Mary Sue | 4.14, 5.89, 3.61, 4.59 |
| | 6.55 |

Aug. 30/02

Wellesley Lake SMA

△ RH2-133 558121/6905368 Nad 83

Start of Traverse. Set out (start) in swamp - supposedly a creek on map. Stream good here all but useless in this terrain.

140304 558679E/6905743N Nad 83

Rock grab from cliff of o.c. of brn wea lithic - bas to conglomerate. Red'd bas - and clasts < 25 cm. ^{divis} _{avg.} 5-10 cm. in fine dk green matrix. 5-10% chert clasts < 5 cm $\frac{1}{3}$ \approx 1% red chert. Sample on off chance sil clasts contain Au! Matrix also appears siliceous. Hand sample. o.c. ~ 10 m high.

△ RH-134 558963E/6905799N

Large cliff o.c. > 50 meters high topmost exposure of bas - lithic bas similar to 140304 except fine gr. clasts < 10 cm. Some red chert pebbles present.

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May sno. 26.8, 18.6, 23.8

19.3, 13.0.

fresh surface = high #'s

May sno 2.61, 3.42, 0.69, 0.61,

0.71, 0.85

176616 SL; 558721/6905844 Ned 83
 ok sample. brn soil above bas-
 lithic o.c. on hillside.
 Some (lots?) of ash & loess.

176617 SL; 558406/6905811
 poor - all but useless, loess,
 ash rich. Some organics.

176618 SL;
 Brn, poor sample. loess?
 cobbles and pebbles of Basalt - and

△ RH2-135 558000E/6906068N
 m size boulders - angular, of fine gr
 dk gran bas.

△ RH2-136
 purple, feld^{hbl}, plagioclase and-bas.

176619, SL;
 brn, poor. loess?

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| | | | | |
|------------|----------------|-----|-----------------|-----|
| May ist | Sun 270/70N | (6) | < 0.30 1-2/4 | avg |
|------------|----------------|-----|-----------------|-----|

ORU2-137

green ~~to~~ field phytic and - less
juted.

heli silts

176620 SS; 555824/6907360

Good sample. Sandy silt, brown,
rounded pebbles < 18cm of void -
various mafic - interbedded & intrinsic.

176621 SS; 555516/6915089N

worse than no sample, v. poor
qual. ash - less organic only
no sand or pebbles in creek.

Summary

GSC - RGS samples all but
useless in almost every case.

Samples collected @ mouth of creeks
reflect, till, ash & much from
creeks cutting swamps.

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Veri appone

132/70 E⁶⁰⁻

Aug. 31 / 02

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Sour Dough Gulch Occ 65

176622 RK channel ~~3~~cmlim clay gouge w alt gn (blc, arg)
1/2 10% thin white gtz velet.2cm lim - goe Fe zone in center
w ~~1~~ - 2cm clay zones adjacent
to Fe vein. Mn ~~oxide~~ stain'd
gn well rock. (ortho gn.)

mn acetate 1-2m from wellrock

Sept. 4/02

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Check sample for Scottie
 Sample submitted to NAR,
silt/soils

97158a

RS02S14a

176395a

97170c

FA02030c

176457c

97158F

176457F

XXXXXX = existing
 soil or silt #

a = clay cliff blank

XXXX = existing soil
 or silt #

c = whole Cu tailings

STSD-3 (cannot
 Standard)

Rocks

97601D - marble blank

97167E - Cu-mag skn

97661D - marble blank

97655E - Cu-mag skn

97655F - STSD-3 - cannot standard

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May Sus - \bar{c} Pin

Wd - bio dis 1.15, 0.95, 0.5, 0.67, 0.64
0.74, 1.13

lighter phase qt2 dis 0.18, 0.20, 0.03,
0.21, 0.08

TCl - Urtec

< 40 throughout

May Sus. / mts - graph etc
0.47, 0.56, 0.57, 0.49,
0.55

QT2 field 0.11, 0.13, 0.16, 0.15
~~old~~ Lyke \pm
bio Wd

warm

Sept. 10/02

Pickhandle Lake proposed NPA

 500m line
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- Drove out from where JVR, RS, RH
 Δ RH2 -

- Roadside cut. ~ 150 m long ~ 25 m
 high in diorite. mod gr. bio. hbl $\sim 10\%$
 end.

Roadcut #1 ~ 15 m from NW end of cut.
 #140305 \checkmark 534951E / 6867054N Nad 83

Rock grab from diorite cut by
 lighter phase of gtz diorite - gtd
 bounded by distinct gtz & v. ulets of
 gtz - field ulets. Blobs of por in
 g v $\frac{1}{2}$ in lighter phase. Tr. diorite por.

Roadcut 2

140306 RK 537600E / 6865140N

Weakly rusty w. gray graph gtd
 1-2 m in
 \uparrow FW of ≤ 1 m wide gtd - field
 porph. dkt $\bar{w} < 5\%$ bio, hbl. Cut by
 weak carb ulets. Tr. diorite por.

S₀ - mTS 308 / 85EAvg - gtd carb ulets 190 / 62W
 $\frac{1}{2}$ shearcut all
else

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S₀ 330/80NE
± small shear 330/80NE.
|
poor bands in RW

gtr - cal violet 070/755
S, 008/82E
chl, lim, (poor - tr) 087/325 2/m
covered JST

Under <30 total count
May Sw - variable high-low
See R.S. notes.

Road cut 2 con 't

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Dyke cuts across MTS @ slight
angle - not consistent. Rusty MTS (sample)
variable but controlled by S, $\frac{1}{2}$ pox
carb inlets.

MTS locally contains thin <10cm
light green epidote bands.

140307 RK 53770 SE / 6865078

20-25cm thick rusty w. MTS w occ
thin 1-3mm pox lamina in graph
gte, might have been weakly calcareous
at one time as there are a few light.
dk green bands. < 2% pox overall

S. end of d.c.

140308 RK 537922E / 6864899N

thin 5cm gtz carb inlet w tr dis
pox cutting graph gte. weak shear.
on un contacts = carb - cal - chl. lin
on jts.

Sept 11/02 Roadcut #3

140309 RK 538328E / 6864559N

gnt / float from sree - rd cut.

Rusty w. bio sch. Tr. dis. py. Amphibole
(long light green) x-tals, 5-10% gtz swests - lamina

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3, 294 / 85 N

vein / skr

326 / 74 E



Sept. 11/02
Road cut #3 con't.

140309 con't NW end of road cut

140310 ^{RK} 538565E/6864334N Nad 83

6" white felsic dyke w ^{1-2%} bio ^{f. sp} & minor gte segregations. Fractured.

140311 RK 538628E/6864295N

fractured gte on, locally rusty wea cut by bio-graph (grey) gte white & grey gte. Ven = gte 0.3 m wide in ^{small} 1 sh but is not continuous.

140312 RK 538927E/6864015N

~25m wide zone on road cut of cut alt of veld granite - gte mazy. ~10-15% white calc - calcite. granite bio white veld field x-tab, < 5% bio-hbl in a gte ^{feld} ground. Occ megacrystic field x-tab

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ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-14-2013 BY 60322
UCBAW/STP/STP

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