

14/07/01

Arrive @ Oulure airstrip
~ 3:30 PM. set-up camp

900432

15/07/01

Plot

01-DH-1

on road

0630369

7279662

roadcut

in

D62/Do

Ogilvie Ln

Yellow to grey weathering
 Green to grey to black
 fig. limestone micritic
 locally well + finely laminated
 blocky. bed thickness increases
 toward North.

-observed: corals rugosa?
 resistant on fractures
 many calcite, v. tal.?

So: 294/30

some small folds, where ^{more} oscillaceous
 local breccia - knobular texture.
 also some carbonate in
 small "foss"

some black chert

"Cypoid"? roundish in x-section
 elongate

go up on edge of alc
biol stream

more fossils

corals



also biol stromatolite? sample
tube corals or sponges sample
chert nodules? seeds?

loc laminated w casts of
bioclastic material?

primary?

at top

lobular texture, rx fractures
in small, cm-sized pieces
circular resistant "rings"?
algal?

going down toward saddle: limestone
breccia,
beds \approx 2 m thick.

OIDH-2 0628622, 7274608

at W end of knob

canol siliceous shales

talus floor, not o/c

— 1 rep sample

small talus fx.

lt grey to dark grey, w loc
yellow weathering, siliceous shales

no witness

small nodules of pinkish material

not reactive to HCl.

OIDH-3 0629071, 7274838

in saddle grey weathering
siliceous shales - canol

— 1 rep sample

talus fx.

OIDH-4 climb to knob N of

saddle, no o/c

under mass: chips of cherty
shale? D.C. or CH?

Camp 1

0602100

7280800

exact coordinates: 0602221

7280492

at end of day 16/07, drive all night to Braekurn then to Whise. Leave ~~Whise~~ ^{Whise} 7:00 AM on Tuesday 17th arrive at Ogilvie Strip 4 PM.

Set-out with Kurt ^{on 17th} @ 8 PM to camp 1
20 mi silt area w of ~~a~~ strip.

18/07/01

Grey, It van

with arrow 2990 Zn, 800 W.
head SE of camp in Ogilvie
and walk down drainage
S of camp.

□ of camp

OODH-5 0602511, 7280036.

Grey-brown weathering limestone
float. Ogilvie? dk, fig.
loc shaly.

walk down side ridge

(claws South) into ck.

ten m's away from sta

c.g. grey calcite bound.

by slick planes. float

OODH-6 0602404, 7279845

in ck

ole of thick bedded massive

large-orange weathering limestone

w. with patches + fractures

→ sample, spot chip.

overlain by 5m of
very fractured limestone
(Khobby).

ODDH-7

Silt taken in + along creek,
sample spans ~ 30 m,
very little material

S-01 ODDH-8 silt in ck

0602043 7279811

in ck; float of rocks,
pelletoid, laminated limestone,
i.e., detrital limestone?
w/ v. tall to cc.
along w/ mostly grey f.g.
blocky limestone.

ODDH-9 0602038, 7280022.

at site of ferricrete in ck,
no o/c but projected De. contact,
water is clear w/ rusty coating
on carbonate float in ck
bed. Quiet part of ck has
v. fine or fine of Fe-rich
material coating carbonate
clasts.

→ sample is of ferricrete in ck.

assay as rx.

edge of r/c has milky
white precipitate.

loc deep stream bed
[]'s spring? still
also oily film on chert
water

OLDH-10 0001928, 7280086

o/c of Dc in r/c

platy grey-blue siliceous shales
w yellow Fe-oxidation
→ rep sample a

→ b thin platy shales
w rusty pptate // to main
fabric + discordant.

S → c ^{powdery} rusty silty material
deposited on top of gravel
analyzed as silt? contains
glass/ red x'tals.

same solid ferric in r/c
w gravel cemented by
rusty material.

So 232128

00DH-11

few 10's m down in ck sed.

→ S01DH-11a

regular looking silt with
st orange top layer, west
dk brown

→ S01DH-11b

orange and white light
powder / clay material
deposited on top of gravel

01DH-12

(at ck junction western ck
clear, not rusty, not milky
at merging of 2 cks.

go up western ck hill find
silt:

→ S01DH-12

01 DH-13

well weathering

sub. one fluffy etc on way up
of v. fine grey limestone
ill. Piney shales.

T.S. just below top of knob
same as above but also
finely laminated limestone
Hart River?

[10] from here - looking at knob
to north (Kellaw shale)
- looking down the creek
- looking to NE to Do + E train
on other side of anticline.

wispy laminated, some horizons
coarser & more resistant,
broken laminations.

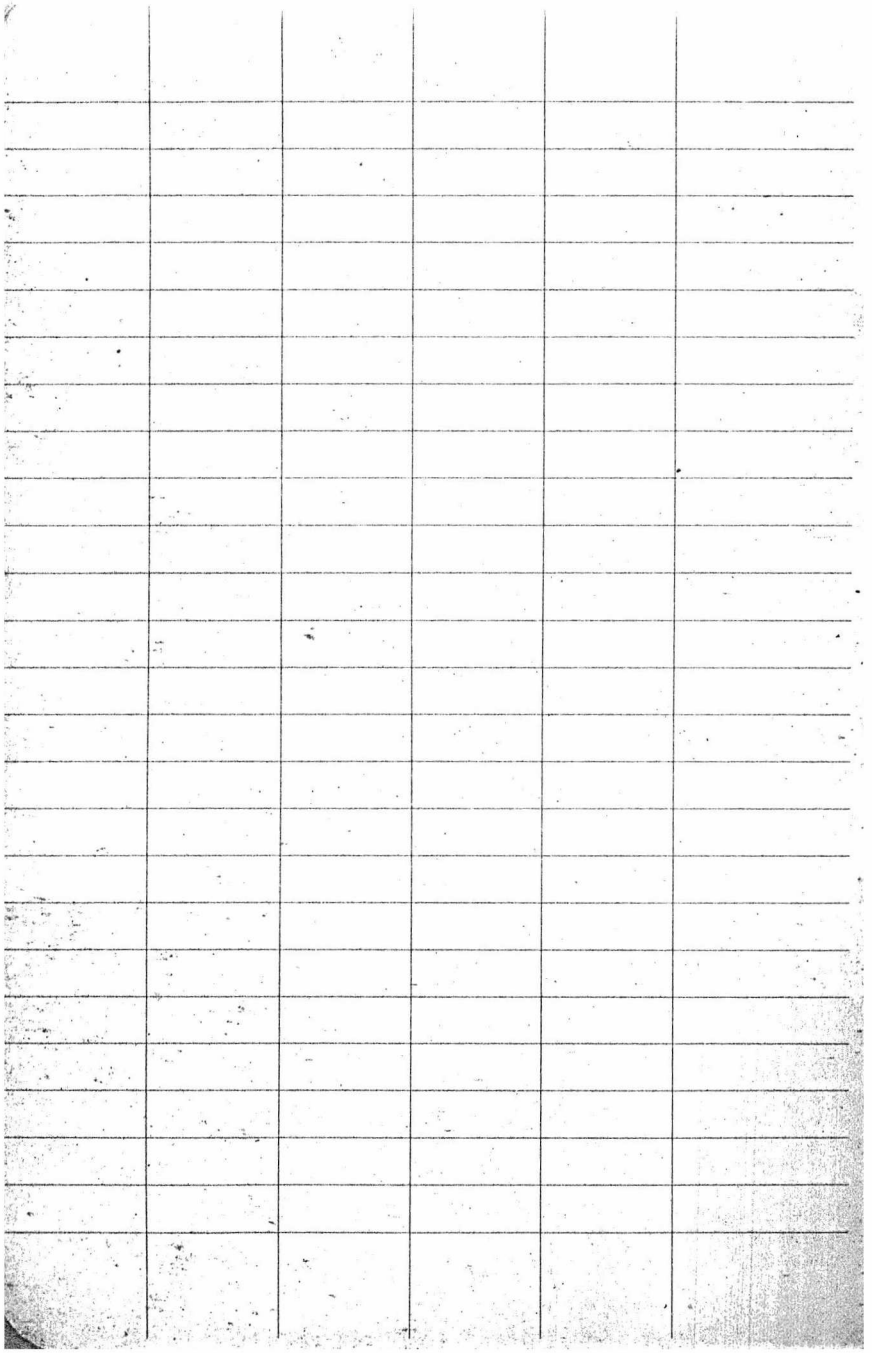
01 DH-14 between camp + ck

Do - rusty on fractures

→ sample

composite float

some pieces fatal (fault breccia)



Scraper

19/07/01

set out from camp @ 7:30

Go up ridge E of camp:

Do 1/Do and walk south

to investigate contact w RR.

01 DH-15 first set on ridge
blocky grey high flint
corals

on lower part of ridge

coarse cc vein-brucella.

few cc veins on way up.

ridge still to anticline axis.

So here 240/23.

also laminations - residual

on ridge

coarse grey cc vein. smells like

gas

Corals

with brucella: bed of Ogilvie

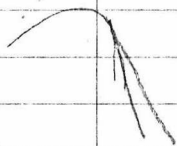
dams ck on E flank of

anticline

ck appears red. seta. Do/rarb

contact

eastern flank is steep



OIDH-16

1-2 m even of v.c.g. calc.

approximate trend: 290°

jumbled blocks, so hard to
say if discordant or not.

mostly: disc loc concordant

few m's up: pod of c.g.

cc km across and c.g. cc
of fractures + veinlets:

105178, 1-10 cm thick

near-hinge

0

photos of camp, anticline
camp creek, creek on other
side (dammed, red below).

01 DH-17

So 257/18.

01 DH-18

area of yellowish soil in
grey limestone loc sandy,
loc finely laminated.
soil → sample

S.L.S. coming down from knob
different limestone: breccia, fig.
very dark weathered surface vuggy
(like amygdulites). weathered
out fossils.

01 DH-19

in floor

limestone breccia? w cgl?

grey, very vuggy^{light} + porous rx
limey matrix w clasts (?)
weathered out + secondary
mineral loc lining vugs
No more clasts or fx.

→ sample

also in area: eg calcite and clay
vuggy rx w boxwork texture
hydrothermal breccia
or hot/cold springs?

01 DH-20.

mostly in brown limestone
since before DH-18.

in general brown, very dark on fresh,
f.g. fossiliferous, some
intraclast cgl.

some cc veining.

porous layers, also

worm-like vugs & cracks.

fill in Do or below it
L RR?

01 DH-21

2m cc vein-fault (w)

340° vert on one side

other side more irregular

L slicks @ 003/06

backtracking

take sample of Do where
samples left for chopper.

01 DH-22

→ rep sample of grey f.g.
limestone w cc veinlets.

OIDH-23

in float

blocky grey limestone w orange staining + rusty Fe-ox coating on fractures + replacing fossils.

→ sample

OIDH-24 -

talus s/c of canal.

bleached + rusty weathering siliceous shales + minor chert (loc. fractured)

→ rep sample, composite grab.

OIDH-25

→ silt

taken in abandoned channel

summary

creek bed goes red
at ~~the~~ upper D₀/D₁
contact, where ~~etc~~ in a
near ~~etc~~, other ~~with~~
creek not red.

several phases of D₀

good porosity - good host.

no ~~pl~~ visible in D₁

minor structures: coarse cc
van faults:

20/10/01

Muddy + Suggy
→ 30 start

10 in side channel of
fern creek
red water with film
where still.

OIDH-26

sluffy talus of beige-weather
finely laminated limestone

w loc algal mats, x-bedding
→ a rep sample mix of cherty + limy phase

some coarse cc in float
fossils.

some dark brown limy siltstone
shale w tr - 1% diss

py cubes.

→ b rep sample.

→ c rep sample of thinly
laminated resist limestone
(+ if spicules)

some laminations dark/light
mm - cm thick
some soft lime / hard + cherty
others are resistant / recessive
some very thin. Are these
spiculites?

some massive u.f.g dk
limestone, conchoidal fract
some shale chips in finely lam.

may fizz + be harder than hammer

mix sample of all facies for TOC,
(labelled 26 TOC)

□ of finely laminated resist/recessive

this % same as DH-13

few real black chert beds in float and
some in % above str.

01 DH-27 cliffy, etc greyish brown
weather.
bedded calcareous + siliceous
grey, black + brown sediment, fossil goniatite?

beds 5-20cm thick.

each bed

- silty limestone or limy

- siltstone at base, sometimes
wavy, laminated.

- with chert beds or lenses,
wavy but sharp contacts,
often near base or in
middle of bed

- algal? horizons

- limestone (coarser grained) pods

all in various proportions + order.
lots of chert

S₀: 232/09

01 DH-28

back into limy siltstone / chert

after interval of grey limestone
w some algal material

01 DH-29

(unw/)

Grey limestone, loc fossiliferous
w bands of tabular silty
limestone / limy siltstone
and platy / shaly limestone
→ rep sample of platy
shaly limestone

01 DH-30 just below top.

Grey blocky and tabular
limestone, grey to brownish
grey on fresh crystalline
bioclastic. (not always).
coils + xbeds in blocky
float.

Beautiful fan-shaped fossil
at base. (30a).

sample for Tα

□ X // oolite

At top
few sheet beds

So shallow dip to NW

grey x-talline fossiliferous
& thin

grey limestone
- tabular

lim silty + shaly
intervals. R poor exposure
CE?

DH-29

↓ CIR?

DH-28

cheat / silty limestone / limestone

grey ms limestone
int bed

med beds.

cheat / silty limestone / limestone

DH-27

DH-26

finely bedded + laminated
limestone / silty limestone / cheaty
talus limestone

01 DH-31

Etrain limestone all the way. No P.C.

at ~~top~~ DH

contact between Chr/Ce?
above chert beds? or below?

01 DH-32

at ~~top~~ top, coming back
sample of Etrain for
background values.
grey x-talline luster
o/c

→ rep sample

01 DH-33

back in Ferri creek

→ a
white powder deposited
on top of gravel bank
dry.

[a] of drying red ptlat.

→ b sample of (poorly) cemented
terracotta in CK bed.
25m upstream from a.

at camp
01 DH-34

DC siliceous shale
grey blue weathering
w/ yellow staining.

→ a rep sample, talus chip
in 1.5m where nodules

→ b selective sample
of nodules (approx
granular in texture)

→ on top, more siliceous
cherty. ≈ 2m talus chips

next camp Camp 2

≈ location.

0586000, 7289000

silt sample loc.

588500, 7289500

21/07/01

Chopper hopping
to RR

→ 07 0603290, 7276562

35a rusty horizon
contact, black sh/
limestone

35b "silt" washout
down from Do/RR
contact

35c black shals

→ 36 buff weather platy
limey? → 0603478
CDR/7276596.

→ 37 silt. → 062

glow rain

ramp move w Steve Cote

New camp

①586044, 7289013.

set out south of ck, on
eastern most ridge.

OIDH-38

f-vig cpgl - r sandstone

with limy matrix

buff-weathering.

on west slope: trail of

rusty weathering float:

→ a rps.

→ oxidized and calcite injected

calc. clastic. some thin

in vugs, to py. Some

fossils sample to

So 923 vert

OIDH-39

at top.

near top: shif. buff-weathering.

more fossils same chert beds

zircon ? clastic texture also
hard to say.

matrix kind of unclean, muddy?

on way down

So 322 / west

in chert / limestone //

— prep sample of float
DH 39-40

of DH-40

Knobby, o/c in middle of talus
slope of fractured limestone
w/ irregular interbeds + pods
of pinkish chert,
still fossiliferous.

- cave

So re 317 / steep.

→ addit-41 / CHR?
float of ~~cherty~~ brown silty / pink
limy siltstone

of DH-42

huge cliffy o/c of gray bluish
weathering, brown fractured
limestone. closure of
old +/- fault? Do or FDB
can't tell. Few algal-type
structures, very fractured
CC veining.

at base of cliff, small
pockets of calc? talus.

grey to black siliceous to calcareous
shales to chert
→ rep sample to DC
also to C.

walk across talus towards

SW to add to OPD 43

Get out of fractured limestone
rep still massive grey to grey brown
43a for w slight fabric (sheared?)
near str, get finally some
structures.

43b - greyish, laminated? w
elongate fossils // lam.

- peckmarked texture on weathered
surface

- brown limestone

43c - "furry worms" fossils.
looks like DC but not
sure if fossils are right.

01 DH-44

area of bright green-yellow
moss

→ a ~~thin~~ humous sample
below moss, above ~~ex.~~
SOIL very organic rich

→ b dug from hole, Fx ~~of~~
black chert cut by thin
qtz? carb? veins
a few more bright yellow
green patches up the hole

→ 01 DH-45

silt in moss - not a definite ~~dark~~
below DH-44 but before
next creek

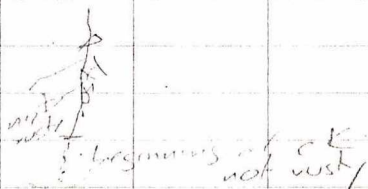
01 DH-46

near creek after side ck. ^{comes in}
ferricrete, organic matter
cemented by Fe-ox
water is clear
willas are happy

a → sample of ferricrete,
ferruginous

may be marked

→ silt sample in
side of rivulet, 40B
not rusty



01 DH-47

→ silt? SS
coming off small
poorly defined drainage
from the east

01 DH-48

→ silt
in main creek
normal low flow phase
sed - only a bit of
rust. Diluted?

01DH-49

→ silt in side of
concretion in from west
silt stratified orange / brown

* Note when drawing
shales silt/s may
be preferentially enriched
in shale components
since they weather easier
than carb.
silt/s = decomposed sh?

late start

22/07/01

partly cloudy, good breeze

set out to check western RR/Do
contact, then come back check
RR/EDb contact.

S-01 DH-50

→ silt.

S-01 DH-51

→ silt.

S-01 DH-52

→ silt.

S-01 DH-53

→ silt. no water in cK. Shrim picking

between S2 + S3:

boulder in cK of limestone
breccia or ferruginous, find another
little piece @ - S3. and 2 small
pieces between
S3 + S4

→ 01 DH-54
sample.

ctd →

* note other 2 ferruginous poorly consolidated
this one here: ex. hard.

54 boulder 10cm x 8cm.

a angular fr of wst, limestr?
cemented by earthy + glassy
limonite, ^{loc} colloidal texture?
same fr fractured w v. thin
ex. veinlets.

b composite of smaller pieces
in float between DH

c 54 and 53

rusty limestr breccia?

01 DH-55



R.R. dk grey shale chips

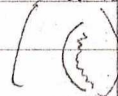
@ gopher holes + between
hummocky moss

→ rep sample - talus chips

01 DH-56

at top of small knob

talus of dk grey graphitic
shales. Grapt. some slightly
curved, (), broadly curved ()

and some small more crescent
shape () all teeth just
on one side,

→ ~~rep~~ sample for assay

→ small sample for id.

56-57 on way up, in grass: float
s/c of ~~orange-weather~~ dolomite
siltstone (a) + beige mottled-weather
grey sandy limestone (b) (a dol.)
fizzes lightly

↳ Sd? Dolomite.

had at float toward
sampled creek above limestone

further up.

01 DH-57

Do

brown phast + banded grey
brown, + massive look like

(b) mentioned above
everything dolomitized? Doesn't
fizz very strongly.

01 DH-58

in Do float

piece of vuggy porous limestone
w orange powder / colloidal deposit
in vugs. (siderite?).

→ sample

01 DH-59

→ silt (on top of moss)

01 DH-60

→ silt.

01 DH-61

→ soil sample?

□ 0 strange mounds of soil?
silt? in boggy area.

mounds cracked, slumped
are covered w rusty layer
→ sample

spongy? first heard beak?
old ok, ok in the making?

Grey shale, luggy,
feel like shit.

23/07/01

Traverse EDb across ramp to continue
on ridge, look for RR/contact
pass. canal? swing back to
to get RR/positive contact.

01 DIT - 62

EDb block talus of
H. grey weathering finely
crystalline dolomite dolostone
some breccia here

some intraform - rg/
white banded chert - bands +
peds. weathered surface
shar rounded cracks + vugs
sometimes linear array of
vugs

some algal mat. replaced by silica?

at top of knob: nothing different to

01 DIT - 63

Photos of EDb/RR contact to S
Ekan-RR/Do of 2 days ago
RR/Do to west.

sample float at carbonate cemented breccia. some vugs

OIDH-64

since saddle

grey-brown weathering, fresh blocky to tabular, loc faintly laminated, finely crystalline delustrant, loc mottled weathered surface, more massive or less

top of knob vugs + cracks, thin cc, vugs, + cc cemented breccia. part of Db? RR? Do?

in this drainage basin
Zn/Ni could come from

- carbonates (no evidence)
- Dc ferromate in ^{poss.} projected
- RR wet soil in tract soil.

Dc/RR = Rusty Springs
Dc/RR = Milk type \Rightarrow Dc/Do?

OIDH-65

o/c interbedded beige limestone and black shale RR graphite

[O] So: 195/40

s.l.s. some float of black shale

→ sample of black shale

so carb from saddle probably RR + probably gradual contact.

OIDH-66

RR

→ sample

black shale shys mixed w limestone in tract soil float.

01. 5A-67 in ^{steep} gully
frag. % of fractured gneissolitic
black shales. & R.

→ a. sample black shale
%

→ b. sample black shale %

So 195138 a 1st o/c of
limestone - fossiliferous thick
bedded (lm), some shale
drifting from above but not
visible in place

some slicks + cc veining.

→ c. at same loc. as b
rusty + yellow altered sh
a little of a 1st unit
So visible

Sh is very fractured into
very small chips.

bright orange dolom. siltstone
vs. above str. in part
of D₀

⇒ 01 DH-69

@ camp.

rep sample of ~~ED~~ D₆
grey dolomite

24/07/01

camp move to NW of
provision

mouth of cr @ 0585200
7435000

proposed camp 0583100
~~7442900~~

10 photos @ camp move of Do (Dr)
@ alt - 42

film 3 photos
west creek / Do west of
Mine River

actual camp 3 location
helicopter GPS
0581788, 7443138

24/07/01

camp move - Kurt
wait for him to come back
from Old Crav. Delay - mechanical
problem. Slo by foot @ 2:45.
NW + N from camp.

01 DH-70

P/c

grey weathering grey-brown siltstone
to fine sandstone, sl. limy
matrix. Orange lichen.
each bed = dip slope = ridge
one place: 1m in floor

01 DH-70

buff weathering sandy limestone
or limy sandstone

still, P/c because next o/c
CSL nice view sample

01 DH-72

CE?

band vep.

Sox 070/39

grey-beige mottled limestone
loc. finely and faintly laminated
f.g. brownish matrix w. bc some
fossil clasts? =? mostly massive
and some x-laminated

Psc ~~structure~~ all the way into
saddle. no etc.
shallower dip?

l. 3 0 camp + ~~structure~~
on way up: ^{did little with dolomite} see into mostly
carbonate (like @ DH-72)
but rgl always present.
sh in Psc or Hart River?
if so, no CETRAIN.

0 of rgl at top.
near top: mostly carbonate-ish

on E slope: knobby bits
of grey weathering (instead
of buff) carbonate.

rgl: matrix sl. limy - ^{cor. u.c.s.} green
carb: ~~matrix~~ sl. limy siltstone ->
sandstone + limestone

on way up:
one rusty float block of
shell-sandwich? clay altered.

01D11-73

on back side

one Lot

series of knobby & soft
grey to beige weathering
blocky fractured limestone
(bryozoan?) fizzes.

10

w. conglomeral lenses and
and nodules and bands of
cherty material (not super hard)

cherty material (not super hard)
laminated sandstone?

probably.

this is E. l. vein?

limestone on fresh surface is
f-mg, some times seems bio-
clastic but often v. massive

So 100/36

ferriferite

common theme

glaucophane
pactolite

• encainite

epidote

spring

Do/RR Rusty Springs

Do/DC Contact

Etvan / Had River
rubs.

sh. ll, mossy, lassy

25 107/01

check ck of pot camp and
check out its headwaters

CE / CHR → ICK

try to phone Grant.

01 DH-74

in ck

very rusty ck bottom

□

~~boulders~~ - rubble rusty in
abandoned ck channel.

ck bed has rusty white
coatings in active channel
(with water)

~~R~~

sample a silt

very rusty muddy top layer
and less rusty + coarse
lower layer

→

SS

b: orange f.g. powder/
mud deposited on top

of gravel and plant
material
may include a few ^{rx} chips

01 DH-75

float trail of Etrian

→ a calcite cemented breccia
(some coarse cc x lals)

→ rusty weathering
"parkstone" same calcite
material? mixed w other
clasts/grains.

2 01 DH-76

→ orange rhyolite powder on top
of vegetation along side rusty
ck (east branch)

01 DH-77

ICK?

sluffy slope (not clear, folc?)
of buff to rusty weathering
blocks of f-cg epgl [0]

→ a

and rusty grey shale ch'ys
→ b

matrix of rgl is non-limey
and in sample, a, is rusty.
(is not everywhere)

01D11-78

Not as rusty, not as much
rocky material.

small active channel rocks
abit rusty → (still sample)
10-20m north, machine
channel, more like run-off
(still more rusty).

→ iron rich material remains
vegetation in thick
rusty material
same area of rusty spring?

01D11-79

□ from bar
looking at LCK
+ down OK.

in saddle

talus in frost belts of small
chips of dk grey shale, siltstone to
sandstone and weathered-out
concentric "vinds!"

→ rep sample shale chips
+ some rusty material

old small fuel drum in saddle

*reach ferricrete @ clastic to
carbonate or carb to clastic transition

other idea

Fe-Zn [] @ uniformity?

□ of cgl around DH-80

01DH-80

f.g. - v.c.g. cgl. pebbles (up to loc. cobbles)
of chert, granula (var.) gtz,
(white, grey, dk grey, tv. green)
sandstone.

lots of Fe-ox on fractures
at 80a

→ sample A

weathered out iron claystone?
cobble or weath. coat of
cobble lined with yellow-
orange + red f.g. soft mineral.

□

80b

→ large sample for reclass.
matrix loc. rusty.

S₀₂ 120/36.

Mayo bus
1st camp 2nd
every day up to 7th.

01DH-81

S.L.S. f.g sandstone to c.g. c.p.g.
loc rusty, loc not, loc w
slicks.

T.S. pink + red (i.e. yellow) alteration
on fractures + slicks in
fractured c.p. cgl
→ sample. float

01DH-82

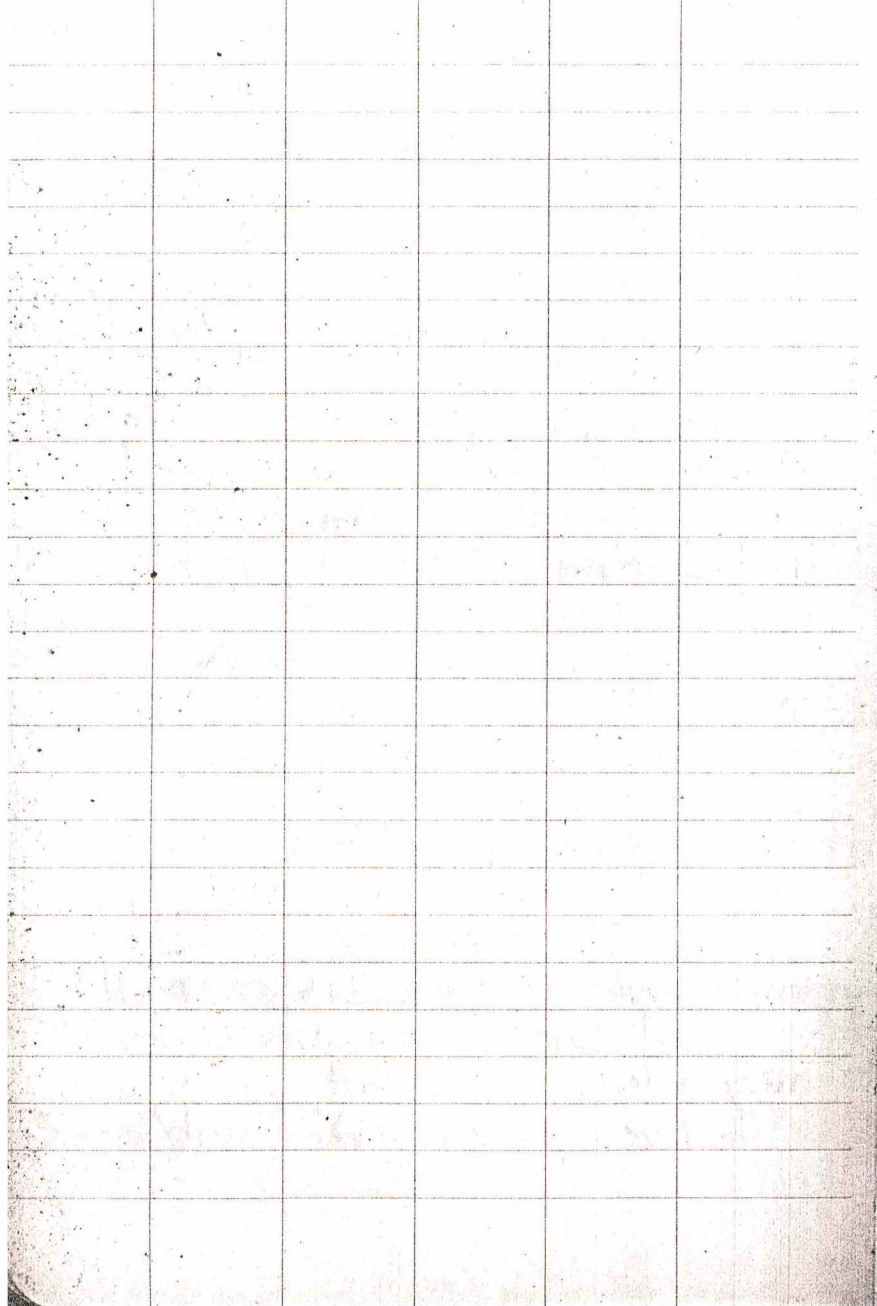
cgl layer (in cgl/sandstone) with
very orange matrix.

→ sample float
halo of alteration? cgl as
porous pathway?

sandstone contains small
red flecks, in another piece.

rusty alteration dies out

fracture planes very red/orange



Grey, buggy. 26/07/01
phone Underhill, ramp move tomorrow

so check out CE/CHR - east in most
ridge.

01BH-83 talus fan. ? CLK?

Blocky talus of Chert,
usually beige + grey mottled weather
surface

fresh surf: grey, limy (not super shiny)

- loc. shows "packed" or "stalline" texture

- loc. w more siliceous or
silicified sands to sand.

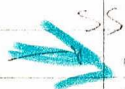
- loc. w arg. sands or lenses,
(matrix limy)

- loc orange-weather fine grained
loc. laminated siltstone

- loc grey, finely laminated.

- loc just grey f.s. massive text

→ RP sample grey "packed" or
stalline replacement of
sialic material?



01 DH-84

silt sample on left

hard tributary

wety silt.

wety ck.

01 DH-85

no 85 → 84^{SS} rx

Talus from of orange weathering
grey limestone some massive

f.s. some laminate f → cgl
to cgl. layers. Orange clots

? in matrix. CE? CIR?

→ deep sample

also some chert or cherty bands
and nodules.

up the slope

So 151/54. if in place.

01 DH-86

alc of banded limestone // all.

orange w/ weathering

sandy layers finely laminated

loc X-11

So 133/45

• OI DH-87

Ss 126/56

~~laminated~~

Same: banded sand, shaly, cgl
limestone, soft weathering.

* (weathering 018/over)

OI DH-88

floor

listed as sent

- waxy weathering cc cemented
- angular breccia.

OI DH-89

s.l.s. presume same fm, interbedded
limey f-cgs seds., distinct
cgl beds, some chert beds.

Along strike amount of cgl +
chert varies, chert becomes

more irregular toward E, still full
beds become thicker w cgl parts
top of ridge, and between 2 c/s,

is grey-brown weathering
non limey siltstone, loc. bed.

→ rep sample. red oxidation
of fracture surfaces.

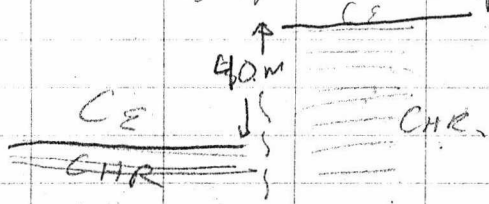
ⓐ of other side of cf.

Wall
in CE.
backtracking. find
contact 116/55 CHR/CE

CE: more massive beds, light
grey fossiliferous

□ of contact. - recessive

small steep fault displaces contact.



nr 020/subunit - recessive,
coarse cl.

back back, lose CE, ^{on SW side} CHR, the
whole way. CE may be fault
looks like cliff, etc of CE on
other knob

coming down on SW edge of knob;
mixture of CE + CHR float.

27/07/01

High overcast.

Move to NOR claims.

approximate coordinates. 0573000
7475000

- leave key w somebody in camp
tomorrow

- bring personal gear bag to camp

0574289, 7498688

set out on ridge

@ 572822, 7498031

north of several areas of
disturbed pinkish rx - previous
prospecting.

at landing spot:

1 piece of float: pink weathering
pink syenite: ^{no fgs} Ksp 80% qtz 10%
biot + green filous
mural (at anyh)

01 DH 90 RX: 572 700E 7497 930 N

area of float

→ a pink weath. mg. K-spar^{matrix}
syenite w. tr. diss. py., green
noqtz no fluorite mt.,
apatite? clots

→ b fine-grained pink syenite
w 1% fluorite, <1% musc.
1% biotite + stubby dk.
sub-metallic mineral., mt.

→ c mg syenite w diffuse
~~pink~~ reddish K-spar
"vein" w fluorite, vug?
qtz.

OLDH-91 572 743, 7497631

in float

→ a pink mg Ksp. syenite w
mafic clots, fluorite near
vug + lv yellow alt
mineral

→ b pink f-mg Ksp. syenite w
dk submetallic clots near
vug.

→ c ~~thin~~ w musc in clots +
in fractures.

OLDH-92 → make thin section,
frost-heaved pile of float
large blocks of salmon coloured
weathered, + coloured syenite
pink-orange Ksp., 70-80%, mafic
clots green + black 10%,
purple fluorite 1-3% + musc.
biot (10%) magnetite 5%.
dk ^{black} greasy submetallic luster
H 5-6 conchoidal fractures
U mineral?

probably rectangular jointing.
no fabric in rx.
weathering rind. Very magnetic

uncalibrated scint.

TC 2: ~700 m durb
1000 on Rx.

01 DH-93 572867, 7498357

float of f.s. intrusive phase
mafic 30% amphiboles?

salt, pepper Qtz - which Kspar?
tr. fluorite

50m north: float of f.s.

siliceous sandstone - with Kspar.

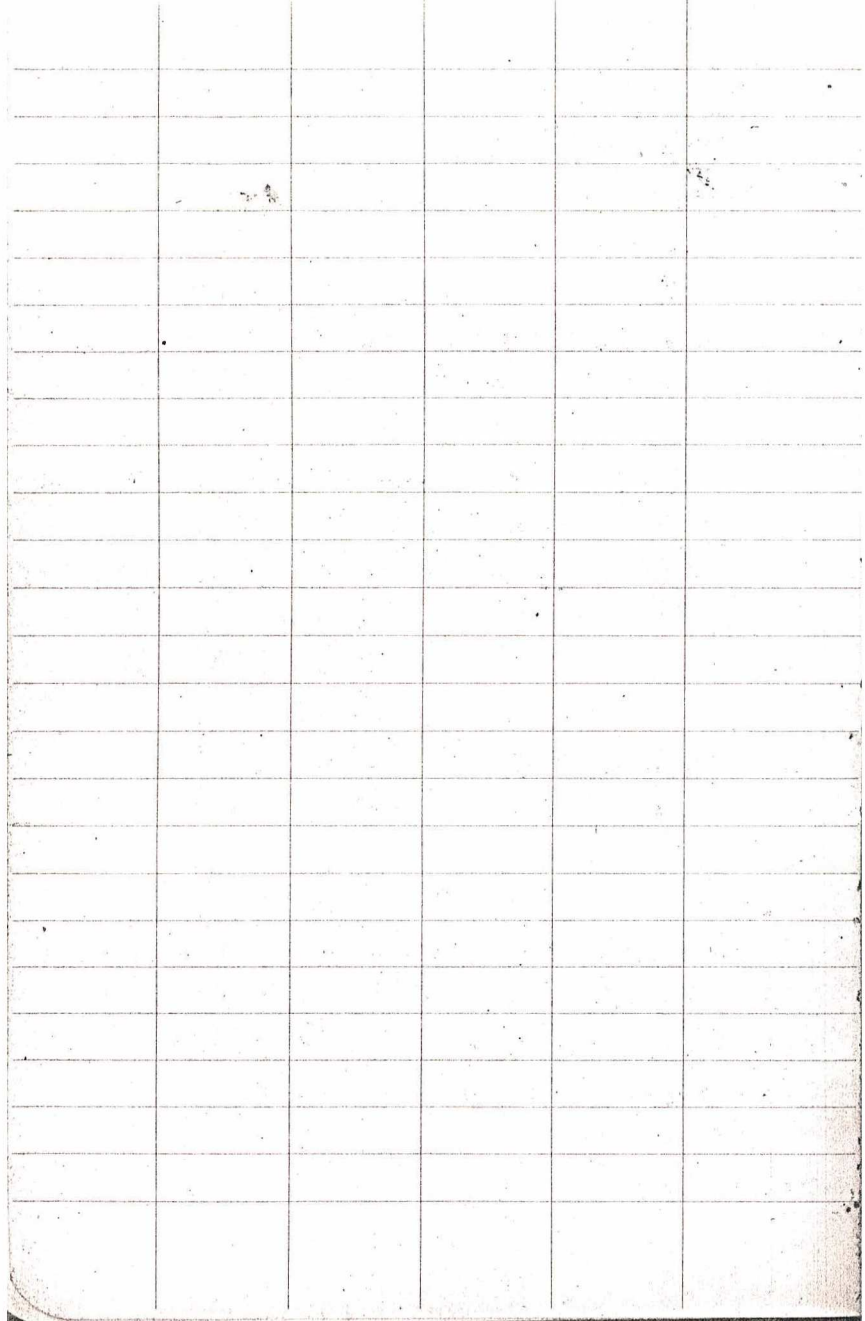
tr. py.

01 DH-94 572671 7499419

f.s. salmon colored & syenite?

pink Kspar 20% green + black
(altred) mafic clots, int
strongly mafic.

OLDH-95 572796, 7499441
float 11 beige wood L. white
qz-vech m-s intrusion



28/07/01

windy
work around camp.

uncalibrated scintillometer shows
TC1 \approx 200-300 ^{cpm}, TC2 \approx 500 cpm for
most of knobs except 2 spots
where TC2 \approx 1000, NW, NE corners

No veg! o/c, talus + float + soils.
several phases: f - o.c.g.

grey to pink &
trachytic to massive.

no obvious veining.

all following samples taken on
camp knobs, given sequential number
check for magnetism later.

01 DH-96 \times 1000 cpm on TC2

brannish-beige weathering mg
syenite Kspar 90%

slight pink alt along fracture } bio + mofrs 6% greenish mat.
plg ? clay ? alt < 2%
dark fluoite ? 2-3%
thin fractures

→ a rep sample

→ soil @ same location

From yesterday

01DH-95

float

leucocratic f-s silicous-tekton
intrusion, light beige w

orange streaks/bands. Qtz

grams in white f.g. matrix
(white Kspar? plags?).

peppered w dk col'd mineral
and tr. Fluorite. →

→ sample

back to today

01DH-97 float

boulders of ss syenite.

random
orientation

tabular grey, (clear) Kspar crystals

w 2% mafics, $\leq 1\%$ fluorite.

small & vug with green +

yellow frothy material. lines

up with crack?

→ sample

01 DH-98
Freshest ~~to~~

X

fresh syenite
for age dating?
searcher?

01 DH-99

float

grey weathering fresh syenite
w tabular Kspars

amphiboles (white weath plags $\leq 2\%$)
+ dk mafic 5%

fluorite 1-2%

sphene garnet? zircon? tr.

→ Good sample for thin-section
searcher

01 DH-100

~ 1000 cps

white + grey weathering float of
f.s. syenite? f.s. felsic material
w greenish patches (mafics) and
reddish patches, pairs of coarser
xtals - Kspars around vug (presumably)
+ dk mineral w conchoidal fracture

→ a sample
→ b soil

01DH-101 float.

salmon-col weathering (f-) mg syenite,
ovary + green. mafics 5-10%.

w seams (or veins) of c.s.
orange Kspar.

→ sample.

01DH-102 float.

c.s. dk grey brown Kspar veins
in syenite. Permatitic?

Kspar partially corroded,
mafics (amph) altered.



DH 97 x

KS
x

x 100 g

x 101

DH-96 x
a/b

98 x

99 x

x 104

103x

x 102

→ 01 DH-103
soil

01 DH-104
red-orange weathering syenite
mag. loc trachytic or almost
partially altered (red) Kspars
green mafic 10-15%
fluorite 1%
black mineral (int?)
thin fractures
→ sample;

→ 01 DH-105
c.g salmon colored syenite
mostly c.g. Kspar 95% w large
fluorite 1%
muscovite <1%
biotite "
magnetite "
altered plag ?

Go down ridge toward SE
+ take subs @ a locn.

→ Soil DH-106. -soil

→ Soil DH-107 soil

Soil DH-108 soil ?

01 DH-109 float

greyish ss spenite cut by
reddish veins⁽³⁾ or dykes
(fine grained, pinkish, similar
composition). No rep.

each vein \approx 1 cm wide

spacing \approx 1 / 6 cm.

29/08

weather

want to get moved.

move w Brian P @ 3:30 PM
to E.P. Hotel.

30/08

Plan on doing road day

but Jo + Ken's plans cancelled

so fly in PM.

[site 1]

W of Chance Cr.

Pb, U

sample at 0377000

7363500

W end of ridge ≈ 0380000

7365000

site 2

sample at 0366200

7371000

crest at (zone 6 P) 0682000

7371000

site 3 E of Whitestone Village
sample site 0623700
7371300

End of ridge 0620000
7371000

site 4 between Miner + Whitestone
sample site 0611000
7365000

Went ridge at 0610000
7368000 to south
7362000

site 5 sample site 0619000
7342900

ridges on both sides // to ck.
to of ridges

N: 060950, E
7342000 N

S: 0615000
7339000

+ other ridges to W
furthest most upstream.
0607000
7337000

site 6 rusty Do 05846000
7341000

site 7 sample site 0613500
7308800

top of western Knob
0610000
7312500

site 8 sample site 0627500
7299300

top of Knob to SW
0623000
7298000

site 9 broad area
NW Knob
zone 7?
0367500
7315500

site 10
Gossan: 0427652
7347521

site 11
Zone 7

Cr / Au. E-W trending ridge
0420000 (W end of
7309500 ridge)

site 12

Fly up drainage of
anomaly.
sample site 0412800.
7296500

Esau Hill - ridge.

set out @ 2:30 PM.

site 1 0379412, 7364330
risky shale o/c

one o/c no landing.

site 2 no o/c

✓ HR1 ~~0621289~~ dirty fg. sand
Fe 1 ~~7371833~~ HP

✓ HR2 0620100 sands in
dirty sand 7373723

✓ HR3 0619453 u
7372119

site 4
✓ HR4 0610940 u
7364466

✓ HR5 0615962
7342366

- HR6 0610602 7339389
DH Sandstone

- HR7 Kell

- HR8 Core from saddle N.
DH. laminated siltstone
w/ly limestone
ill w chert
0606194, 7338097

H.R-9 KS
en route  Cathedral Rx

HR-10 rusty K.

→ a - silt - regular foaming
CSand



→ b - Rx rusty weath PS SS
feld crinoidal limestone

S 004 136

S screen 103/70

Rx rusty foaming but no
rusty pplate left.

→ c - very slightly rusty ^{at top}
fine sand SS

Site 7

HR-11 0609944, 7312287
f.s. sandstone, Evenly laminated

HR-12 0614151, 7312748
sandstone
same old shot.

HR-13 0624413, 7300044
sandstone

HR-14 0624996, 7298591
sandstone

site 9.

HR-15 0372121, 7306334
K sandstone

HR-16
K sandstone 0372159, 7308649

HR-17 0371008, 7310363

HR-18 0370214, 7312264

Chopper hopping south of
Osilure River - Del: Brian
HP-20 K&I

RR rusty shale
HR-100 0432099, 7275290
brown shale, rusty siltstone

101-0431108, 7276595.

RR?

a grey siltstone o/c

↳ w. red f.g. siltstone det.

c shale chips.

102-0431584, 7277939

Dc grey wacke to w. - cpst.
resista - rusty on fract
slicks

103-0431081, 7277510

o/c black knobby shale

- HR-22 0432781, 7274852
KS DC

- HR-23 fed
KB EDB 0434904, 7275032

- HR 104 0436245 7676538
- 24

rep a platy limestone
- S dr chabes platy
- (wist) wrenth sh

strong SO₄? small

Ke | caps S pting on rx
in spring

- HR 26 0438564, 7276149
KS DC

- HR-105 0438920 7274547
Do the ~~cliff~~ talus
Instr + check
during limestone

- 106

0439245, 7275230

Dc sh. chips + rusty
str.

- 27

0441941, 7272200

KS Di

- 28

0444085, 7272368

Dc

- 29

0444260 7273935

Dc

- 30

Do^{D62}

0433872, 7274364

- 31

Dc rusty chips + gray

0429898, 7276829

- 32

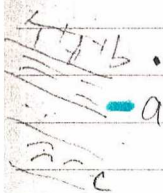
Do by the Hart River.

0421845, 7280362

- 33

RR / Do contact in
cliffy o/c river

Black shales // Black
 massive → platy limestone
 loc very fossiliferous material
 with thick bedded grey
 beige weathering limestone
 Michelle in // part?



- a Black shales at contact w thick bedded
- b thick bedded D₀ f.s. dk grey
- c thick bedded bioclastic dk grey limestone shells

042064

7280500

-34 0414502

7277497

-209 0410612

7277380

D_c

D₀

from bottom of r/c

climb up

- De talus: siliceous sh, cherty slate
- 204 - a float groups De limestone
- b fault's, pods pink cc, halo alt. ^{in fs.} clay
- c o/c' fault breccia ~ ^{Fe-ox}
e.g. white to orange calc
shale fr. trends down
gully 055°

on way up, coarse cc weirs

310 / 320° sub vert

in thin med limestone / cherty lms / sh

S₀ = sub horiz

cliffed out before De

- d cherty section in
ill. sh / lms (Do?)
- e mixed talus, mostly De
the sil. shales
- f cherty De float
- g soil - talus fines at
base of slope

- 35 0410698, 7273709
KS Do, maybe RR

- 205 0409811 7275707
black carb. limestone
platy

- 206 0409161 7275569
206 left - big weathering
black platy shaly limestone
207

- ? 208 limestone o/c

- 209 platy shaly black limestone
in rk bed o/c.
0408983, 7275562

- 37 0408478, 7275786
KS Soil + limest.

KZ

K538

- 210

04095647278689

- a med bedded Dc
sl. wsty coating

- b very wsty weak
congl sil. shales
/ chert

- c grey Dc sil sh talus
on saddle Not wsty

- 40

Dc 0411146, 7281178

Ks

- 211

EDb float?

between Dc + brownish

CHR. wgs. / cc veins.

04110959, 7282073.

- 212

arusty calcite breccia.

- b platy black shale / limestone
CHR in seq limestone chert / sh

- 41 kel ^{9/1} 0411714, 7282455

- 42 0409298 7282480

- 43

Do up from where ck is

rusty,

0407436 7281722

- 44

Do

rusty + black shale + chin.

not as siliceous

smaller fy

0408162 7281549

- 45

Do

0407737 7281045

- 46

Do

0406292, 7278656

- 47

Do float

0401845, 7280751

phone E.P.

11 bags
2 nails

Anna - notebook

sun
date

high overcast
cool in AM.

Aug 2 / 01

Early set out w Kurt w of
Dempster, S of Airstrip.

Kel on northern ridge
me on headwaters +
S ridge.

ODH-110 DC yellow
talus of blue-grey weath.
sil. shales + chert
→ sample mostly sh.

ODH-111 DC
sil. sh. chips - talus
→ sample

ODH-112 DC
talus stuff siliceous shales
→ sample, blue-weathering
(fresh) + some weath.
no sil. in of early organics.

01 DH - 113

s/c?

vare exposure of CH?

beige weath massive → platy
dike grey vls → f.g. (silty)
limestone

→ rep sample

01 DH - 114

→ silt (fine sand
below CH/Dc contact
(in Dc).

↳ 078 / 36

01 DH - 115

flood of etc at massive

knobby, fractured grey f.g. Do
limestone, within carb? - Fe ox
coating

→ sample

01 DH - 116

sl. rusty deeply incised dk through
organics. water sl. milky

→ silt sample
f.g. dk (organics?) + "rusty" sand.

01D14-117

wt of sequence

→ w.p sample of grey
(ve-) x alline Do limestone
float at base of o/c.

3 Aug 01

road to Mayo
dumptyer N of Ogilvie bridge
south of Churchward Hill

07 628 460E 7271 980N

01 DH 11%

→ sample - black mud
fractured shale
thick bedded carbonate
w/ky horizon @ top
Gossage / Michelle B



01-DH-119; few km S of
118

07 628 990E 7261 680E

concretions in black
finely bedded shale ^{N. black}
overlain by mod to
well bedded light brown
weathering carbonate
units dip shallow
to SW.

concretions are slate
up to 0.5 m across
km 210 dumpster

Project	NTS 116	Scale	Page of	Traverse
Sampler	Location, Target (words) COPY OF GEOLOG MAP		Sample Nos	
Date	photo no.		Cert. Nos	

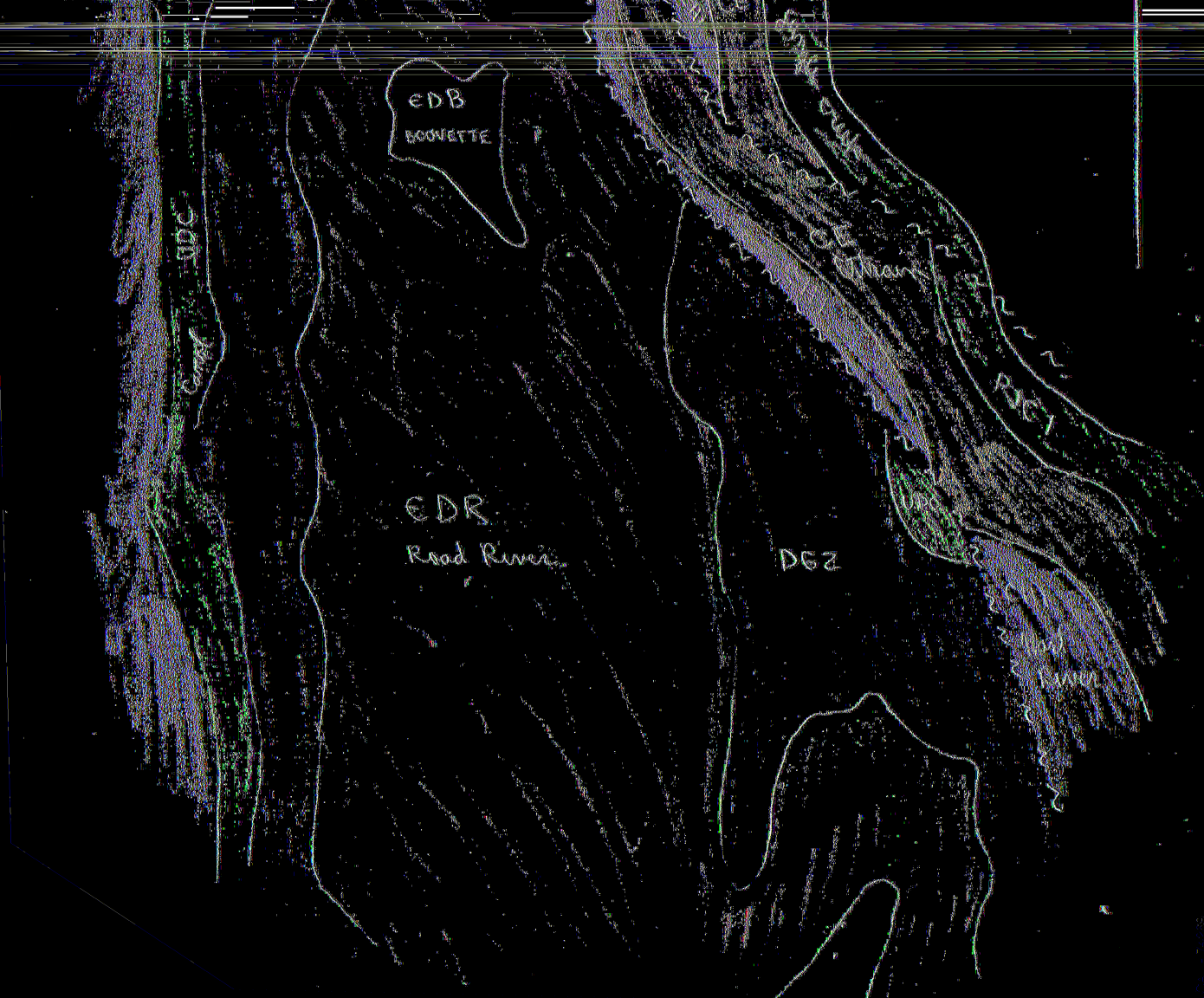
ATTITUDES
(100/40 N)

SANDSTONE
SILTSTONE

CONGLOMERATE

SITE A, B, ...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SANS, OBSERVED GEOLOGY: DEFINED ——— INFERRED --- ASSUMED ----



Project	NTS 116 G 11	Scale 1: 50,000	Page	of	Traverse
Sampler	KS	Location, Target (words)	Sample Nos OIKS-11 TO 20		
Date	21-23 JULY 01	CAMP 2 photo no.	Cert. Nos		

ATTITUDES
(100/40 N)

- INTRUSIVE
- GOSSAN MINERALS
- LIMESTONE DOLOMITE
- SILT X SOIL ● ROCK ■
- SHALE
- CHERT
- VOLCANIC
- CONGLOMERATE
- SANDSTONE SILTSTONE
- OGILVIE
- ROAD RIVER
- HART RIVER
- ETTRAIN
- BOUVETTE
- SS15
- OIKS-19
- S OIKS-18
- STA 21
- RX OIKS-17
- OIKS-20
- STA 18
- STA 20
- OIKS-16
- STA 19
- OIKS-21
- STA 17
- OIKS-13
- STA 15
- OIKS-12
- STA 16
- OIKS-11
- 335 Cd
- 242 Nc
- 1495 Zn

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED ——— INFERRED - - - ASSUMED - - -

