

Sept 19, 1981

840953

South Worsley Reven

Tolwa

Burnley Straits.

start traverse at Gossan
on beach, follow beach and
map ~

ep alt
ofc Green, aphanitic greenstone, Fractured
& boudwains of Qtz, fractured
fract + Ank + Qtz + tr py (1)
Rusty weathering

Fract @ 140/70 NE, 2nd set @ 040/90

MR-TD-1 x 0.3m Rusty braided, ankeritic

Fract zone 040/90

small Qtz stringers

note Gn-stone + local string of alt

+ 10m zone narrows on beach

+ 60m ofc zone x .6m @ 160/55 NE

MR-TD-2

+ 112m MR-TD-3 Soil Br. Sa

From below Rusty Gn-stones

+ 223m Braided Shear zone or fault

1.0m wide @ 180/70 W

MR-TD-4 description Sa (2)

Note Qtz boudwains have an oval
nature to them - they probably were
~~are~~ interstitial voids for Pillow Lacks
which have been deformed



Gr Stone

50m

Gossan

MR-70-6

80

70

60

MR-70-5

210/60-70 NW

Gr Stone

160/90
Dip
of
strata

70

MR-70-4

Gr Stone

70

MR-70-3

Gossan Zone

MR-70-2

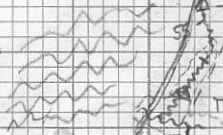
Ocean

Gr-Stone

TO-I

Gossan

70



+467m

MR-TO-5 Fault or Shear zone @ 210/70' NW
braided, rusty weathering, ank + Qtz
Tr py 104m
in Gn-stone, aphanitic very hard

+514m 200m Shear zone, Silice / ank
@ 160/80 ENE

+571m MR-TO-6 Lge braided Sh zone
Rusty weathering 180/80 E
sample across 1.0m

Traverse #2

rusty area north of small cove with
4 houses at the head of a

q/c - strongly fract; hard; medium grey-black weath.
gneiss carb. cement. foliation 110° - dip 45° NE

+6m - enter gossinuous area - num. calcitic string, rust weath.
foli. part. to q/c stone, strong alt - aphanitic - soft - locally
fractured

(contact with host)

MR-TO-7 - str. altered - rust weath. colour skin-tone - pinkish
hard - aphanitic alt. part. to fault zone 12m wide
shear. trend at 050°

alt zone - local num qtz inlets - braided - 3 cm

+24m q/c % of all less than prev. sample - num gr. shivers
greyish - num haematitic alt along fract.

Beautiful day!

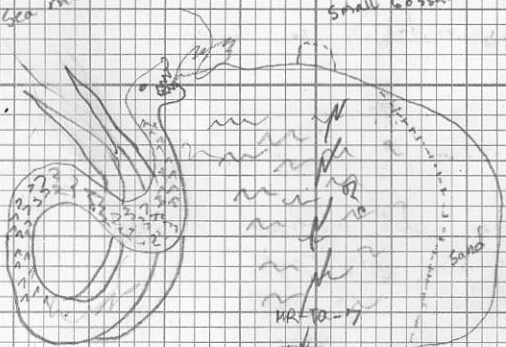
Sea monster

Small Gossan

S

30 m

HOUSES



MR-10 8

Gossan

Shear zone

Gr-stone

Pillow Lava

+ Breccia



HR-TO-8

Local flint - ang. sub ang boulders. green & brcc.

+ 49 m - leave alt. zone

+ 60 - strongly alt zone - note: on 2/3 of all less - small conc. rock
visible. alt paral to foliated structure of 050° dip 45° NNW
- silicification. zone 3 m wide

HR-TO-9

+ 69 of gr. aphanitic pillow lava - grt filled voids

+ 109 pillow l. + breccia - surface glassy - blackish coat
- ang shards when weathered - pillows + chilled margins

118

MR	DF	SAND	GRAV	CLAY	ORG	COL
1	9	60	40	- SILT -		BROWN
2	6	40		30	30	BLACK
3	8	40		25	35	BLACK
4	12	25			75	BLACK
5	4				100	BLACK

SEPT-19/81

DF

MR Regional
Bernaby
Strait

Sept 19/87

SM

①

Bunaby Street

Gosser Follow-up

MR-SM-150 to 160

MR

Sept 19/81

SM

②

stop 1

SIT

MR-DF-1

MR-SM (150) - half A-B, m cav,
nt, mcl, mca, m shrd.

m N or coast from
major creek

MR-SM (151) gossanous and
nr, m shrd + f. bedded
(probably gossanous
in places) limestone
046/50 NW white,
114-140m.
4 + 1/2 flow banding
sit n MR DF-2

MR-SM (152) pale green
bedded cherty red m diss
py w f.c. py, nr
overlying conformably to
CS
160m

STOP 2 - directly across from
small island
atlas B (greenstone) int, m cl
w cp block weathered surface
dark green bed surface,
l amyg. Eca.

~15% MR is boulders or rock
(as MR-511-151) give rise
to gneiss.

1 soil taken has MR-DF-3

DF-3

Sept 19/81

SM

(3)

Stop 3 PARK IS - South End
from dead working Eastward

- B, halt - green stone, m cav -
1 hr in cav - av. trend 040° ,
mt, w diss py, wep,
cav - .1 - 2 cm in width.

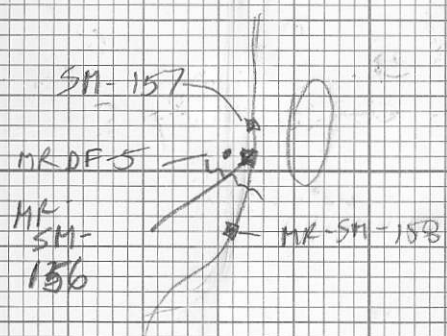
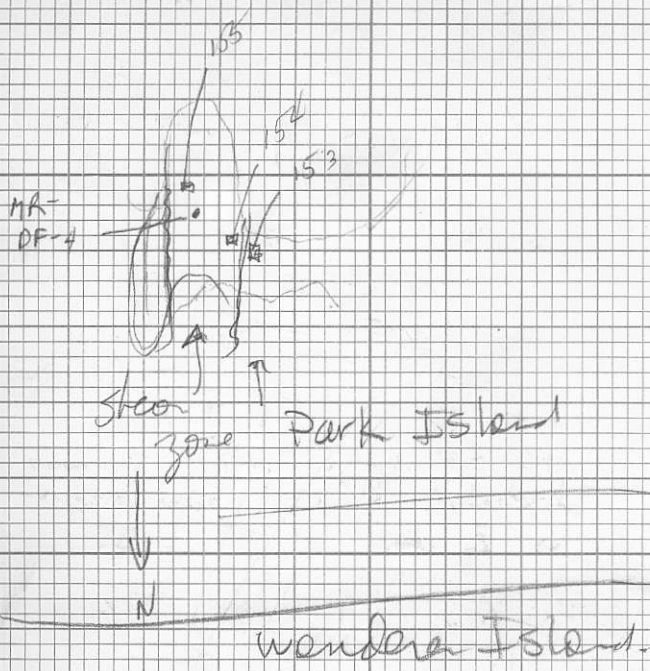
MR-SM (153) - large rounded (40 cm)
frag. of fine grain green
tuff (eugegene tuff) in altered
B. matrix, matrix hcl, mt,
w/ tuffaceous frag there is
m qv - v. irregular.

MR-SM - 180/V - fault contact of B w
(154) hr, (ankerite?) white carbonat shrd, cut
by abundant cav, w qv
Vitr. weathered surface,
shear zone.

- halt B, greenstone - m. on
fracture, wea, mt, green,
black weathered surface.

ht hr, ankerite (white) irreg,
weathered surface & inclusions
of halt B material.

MR -
SM - (155) qv - 4 cm w - $034^\circ/V$, mt, rthem
on fractures. shear zone.



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SM

④

MR-DF-4 taker ~ 40m N of
MR-SM-155.

1012° V?? E contact of glaucous zone
Bhalt (grnst), mt, w porphyritic
mcl, wcp,

shear zone is ~ 130m long (N-S)
~ 30m (E-W)

note: pillows were observed in the
alt. B.

4/8 stop SE coast of Wanderer
Island ~ 100' from strip of
Centa Islet.

to the SW - Green zone - albas
B₁ pillowed (approx 12m) with
Q, ep cl w/ the interstices - ie
Q bulk, w diasp. also, mt, m faulting

MR

SM-156 1178°V fault contact with
hr, m h f, irreg. weathered surface,
carbonate altered + m b x B.
-ankerite? perhaps, - due to
hr. (MR-DF-5 soil here)

MR-SM(157) halt B m-hr assoc
w/ carbonate v. - ankerite?
B, unex - halt 156.

MR-SM-158 - ϕ , ep, w d. 35 ϕ y.
Filling interstices between B grains.
WT.

5K stop

Wanna Bay

080° trending fault zone,
defined by extensive veins of hr
soft calcareous material - white,
m-h ft up the gneiss (followed)
and 3 mm from surface in entire
vein of green mineral - could be
Chrysocolla? (Cu silicate)

MR-SM-159 - mostly calcareous
~~matrix~~ vein material.

SM-160 soil sample -
bright orange, 15-20% pebbles,
no organics, 45% clay
25% silt 10% sand

10/18/87

SM

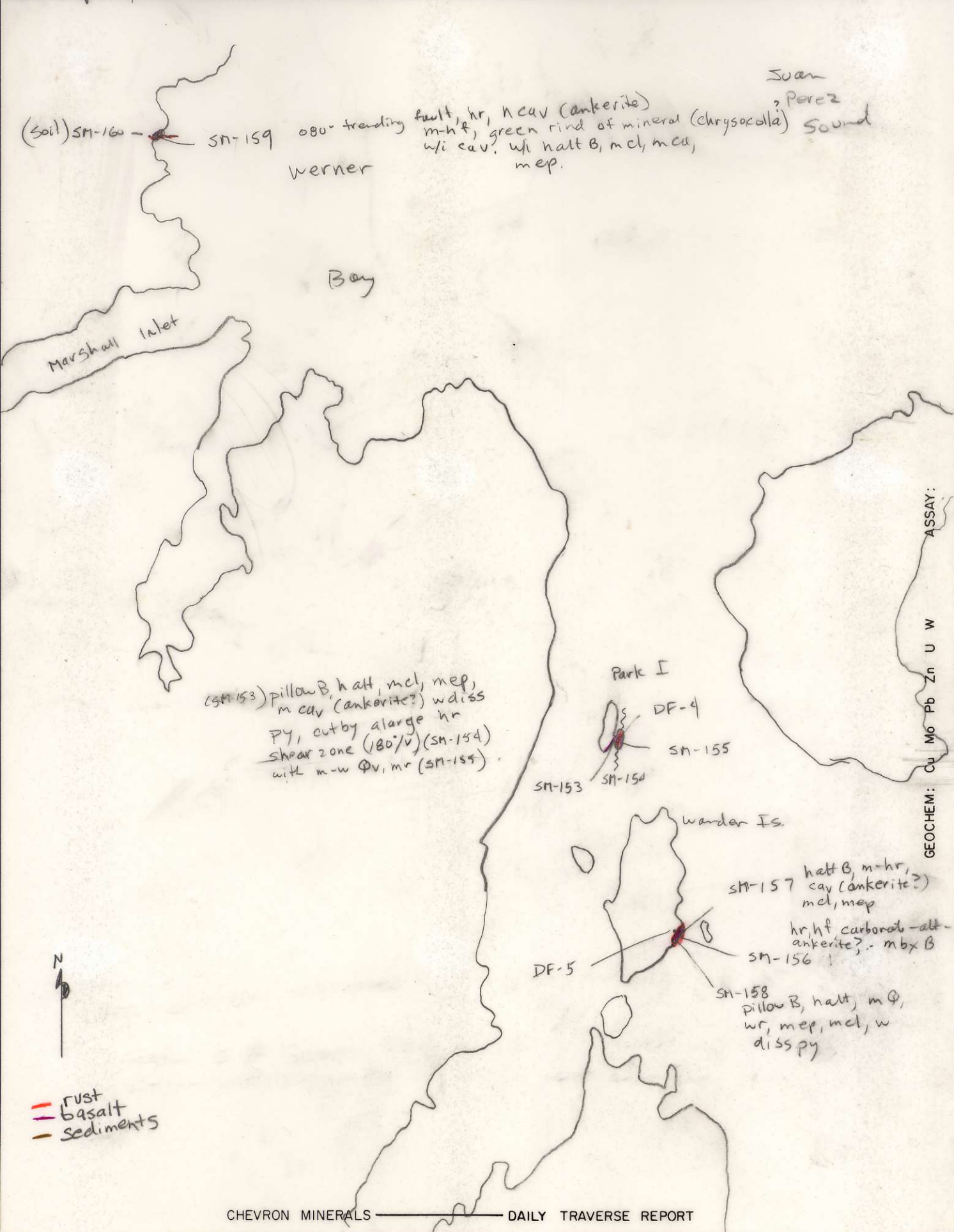
(5)



ATTITUDES
 SANDSTONE
 SILTSTONE
 CONGLOMERATE
 VOLCANIC
 CHERT
 SHALE
 LIMESTONE
 DOLOMITE
 INTRUSIVE
 GOSSAN,
 MINERALS
 SANDSTONE
 SILTSTONE
 CONGLOMERATE
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 LIMESTONE
 DOLOMITE
 INTRUSIVE
 GOSSAN,
 MINERALS

Project MF	NTS 103B/6W	Scale 1:50,000	Page 2 of 2	Traverse
Sampler SM+DF	Location, Target (words)		Sample Nos see page 1	
Date Sept 19/81	photo no.	Burnaby strait gossans	Cert. Nos	

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED - - - ASSUMED - - - - -
 SPECIMEN SITE A.B...: DO NOT WRITE ON OTHER SIDE OR USE COLOURS

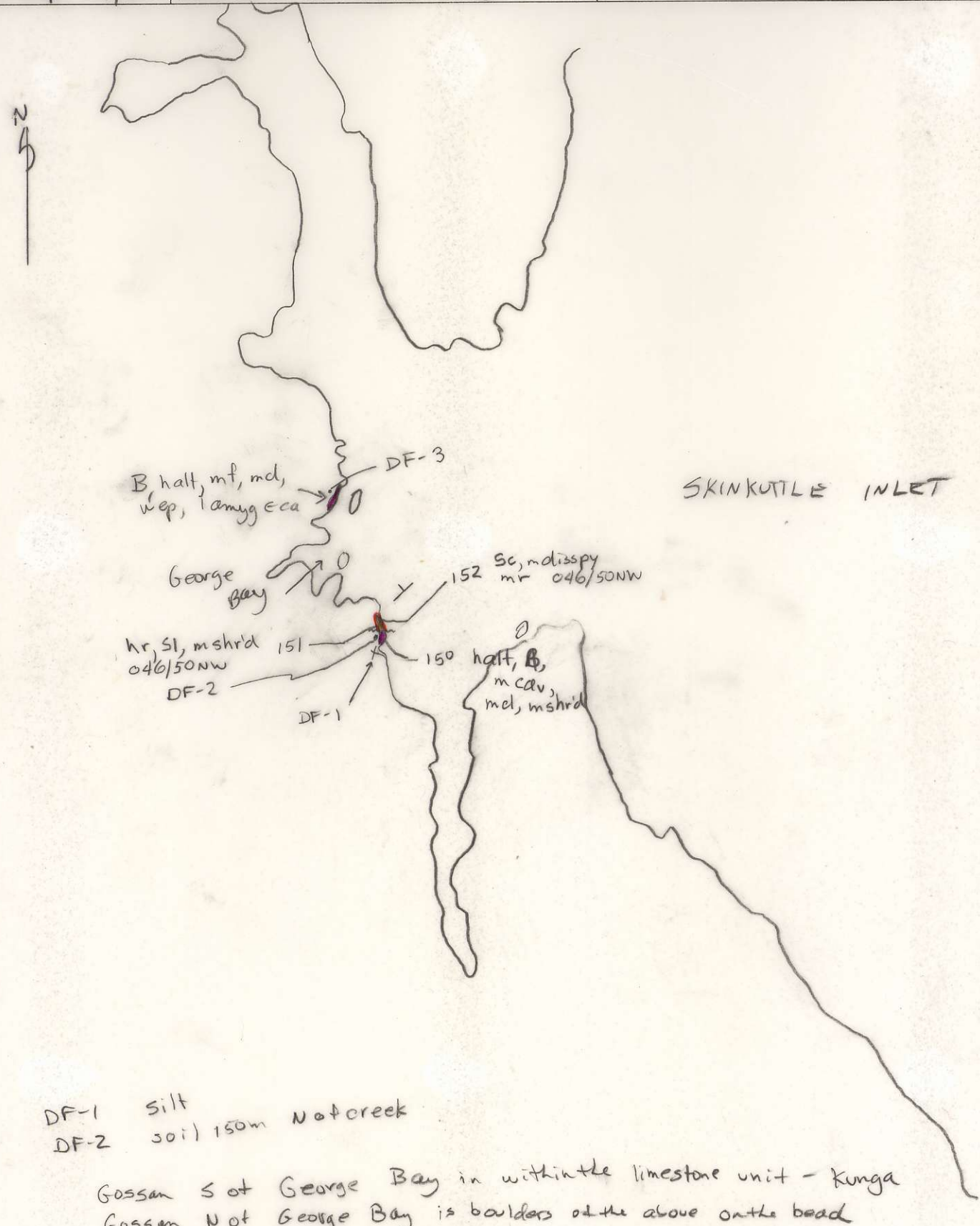


CIL 66620-CSM
ATTITUDES
(100/40 N)

Project MR	NTS 103B/6W	Scale 1:50,000	Page 1 of 2	Traverse
Sampler SM + DF	Location, Target (words) Gossans to the N+S of George photo no. in skinkuttle Inlet.		Sample Nos MR-SM-150 to 160	
Date Sept 19/81			Cert. Nos MR-DF-1 to 5	

- GOSSAN, MINERALS
- INTRUSIVE
- LIMESTONE DOLOMITE
- SILT X SOIL • ROCK ■
- SHALE
- CHERT
- CONGLOMERATE
- VOLCANIC
- SANDSTONE SILTSTONE

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SPECIMEN SITE A.B...: DO NOT WRITE ON OTHER SIDE OR USE COLOURS



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

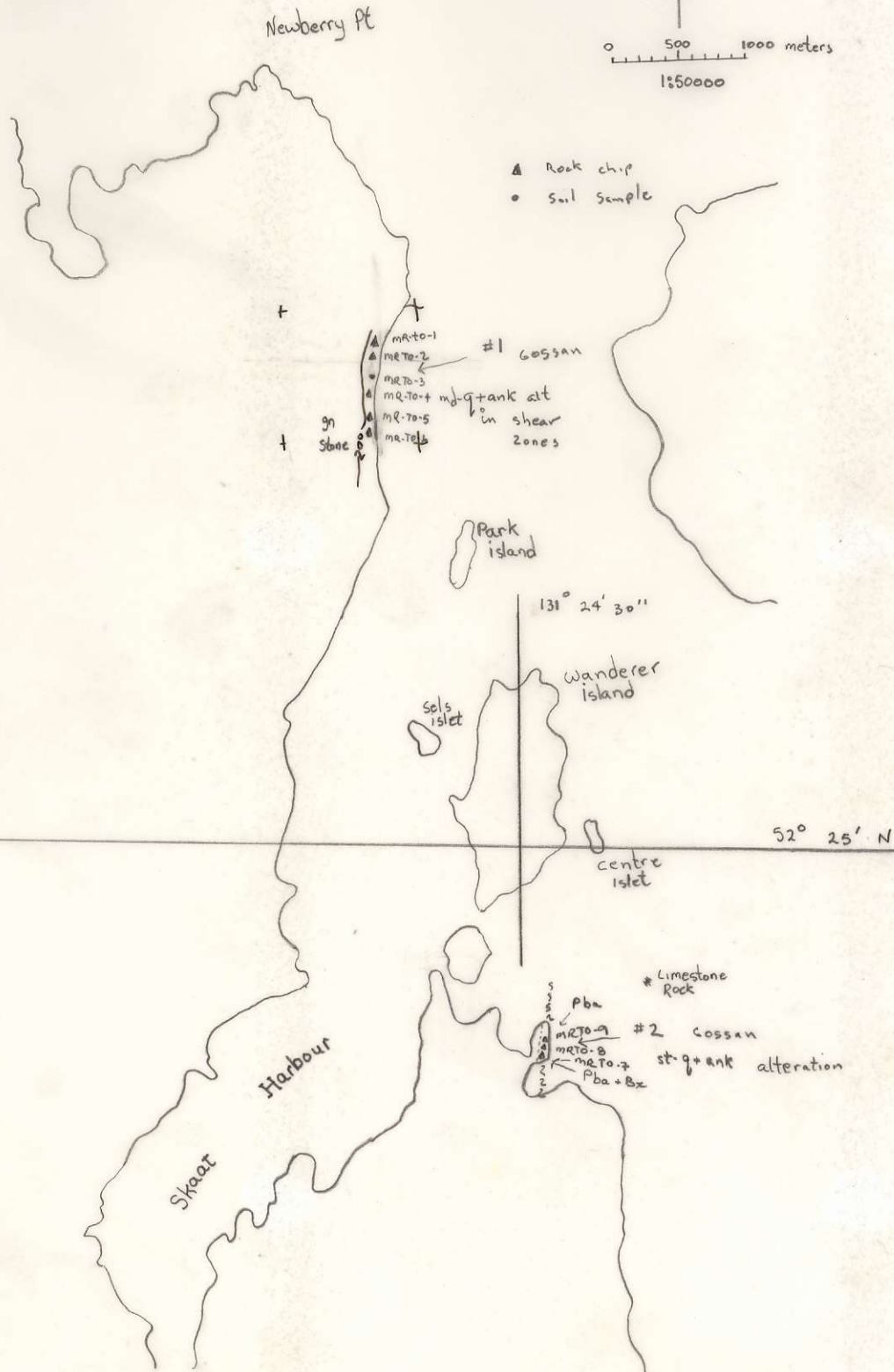
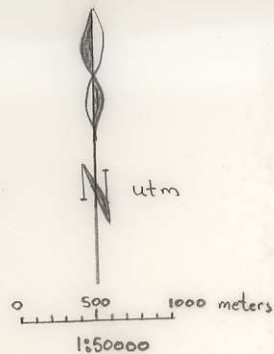
Sept 19, 1981

South Moresby Recon
NTS 103 1316w

Traverse #1 @ 581350 mN 335700 mE

Traverse #2 @ 580840 mN 336700 mE

contour @ sea level



Pba = Pillow Basalt

Pba + Bx = Pillow Basalt + Breccia

gn Stone = green stone

q - quartz

ank - antiferite

st - strong } alteration
md - moderate }

--- - shear zone

▲ Rock chip
● Soil sample

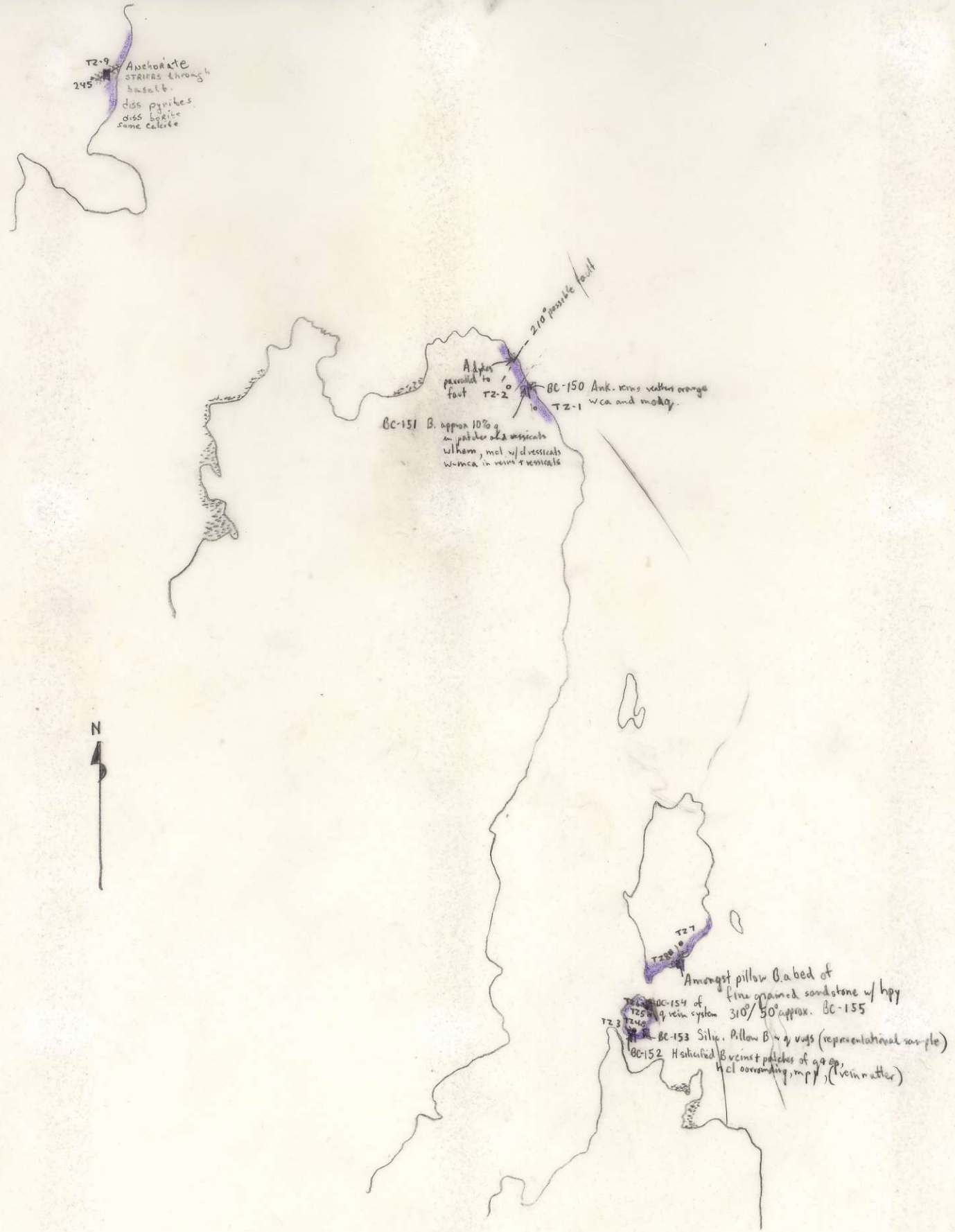
T. Oliver

WSP 66620-C5M
ATTITUDES
(100/40 N)

Project MR	NTS 103 B/6 W	Scale 1:50,000	Page 1 of 1	Traverse
Sampler B. COATES T. ZANOGAR	Location, Target (words) Newberry Pt, Nomad Islet, Wander Island (Burnaby strait)		Sample Nos	MRTZ-1-9 MABC-150-155
Date SEPT 19 th /81	photo no.		Cert. Nos	

- GOSSAN, MINERALS
- INTRUSIVE
- LIMESTONE DOLOMITE
- SILT X SOIL ● ROCK ■
- SHALE
- CHERT
- WATER O
- CONGLOMERATE
- VOLCANIC
- SANDSTONE SILTSTONE

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GEOCHEM: Cu Mo Pb Zn U W

ASSAY: