MASSET REGIONAL PROGRAM

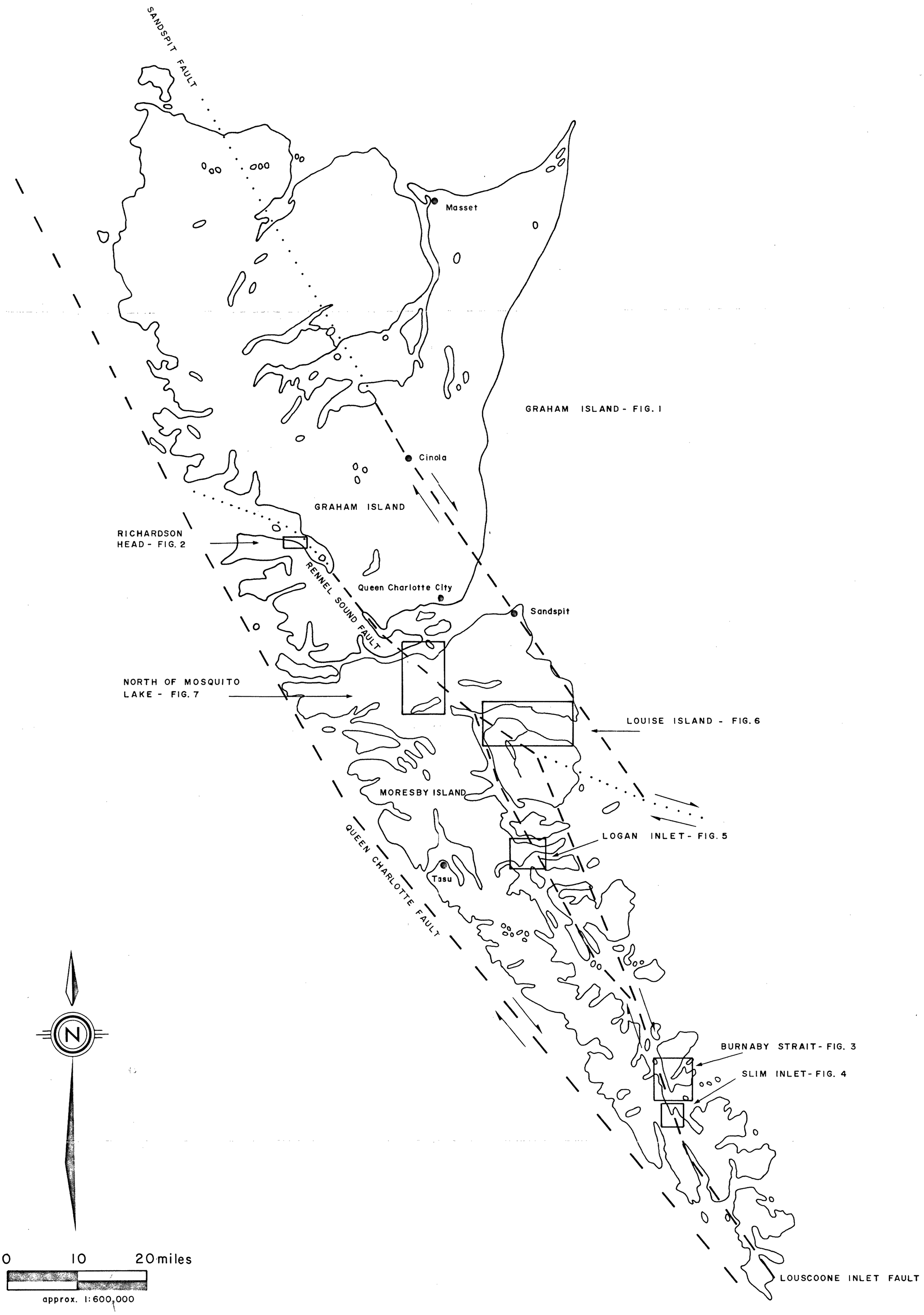
Queen Charlotte Islands, B. C.

Author: S. McAllister

December 30, 1982 M512

840906

NCI - 520



FAULTS

KNOWN — — —

INFERRED · · · · · · ·

inches 0 1

0 1 2 centimetres

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BRITISH COLUMBIA GEOLOGICAL SURVEY

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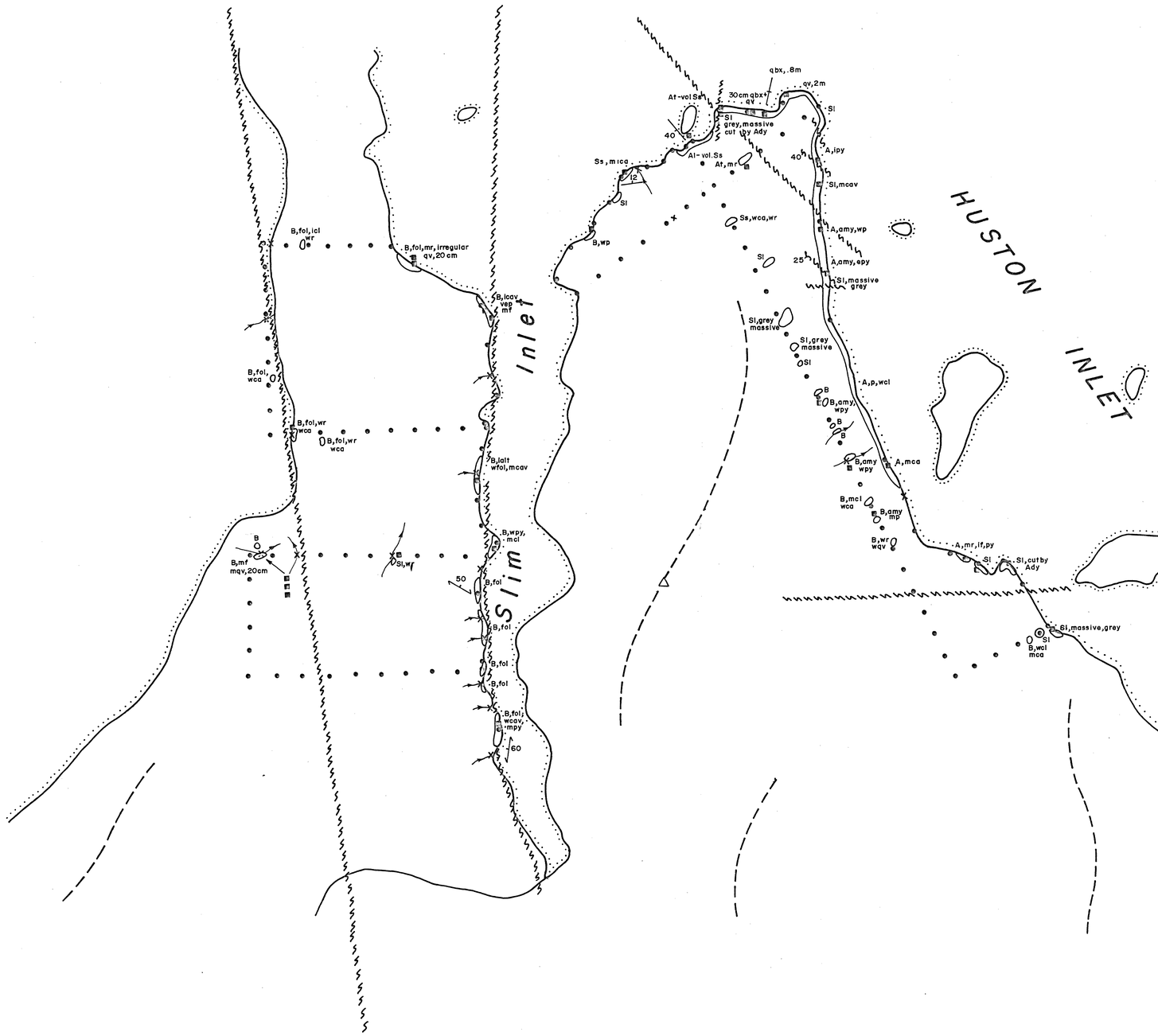
MASSET REGIONAL INDEX MAP

FIGURE No 1		PROJECT No. M-512	
DATE DEC 82	REVISIONS		SCALE 1:600,000
NTS No 103			FILE No
COMPILED BY SM			



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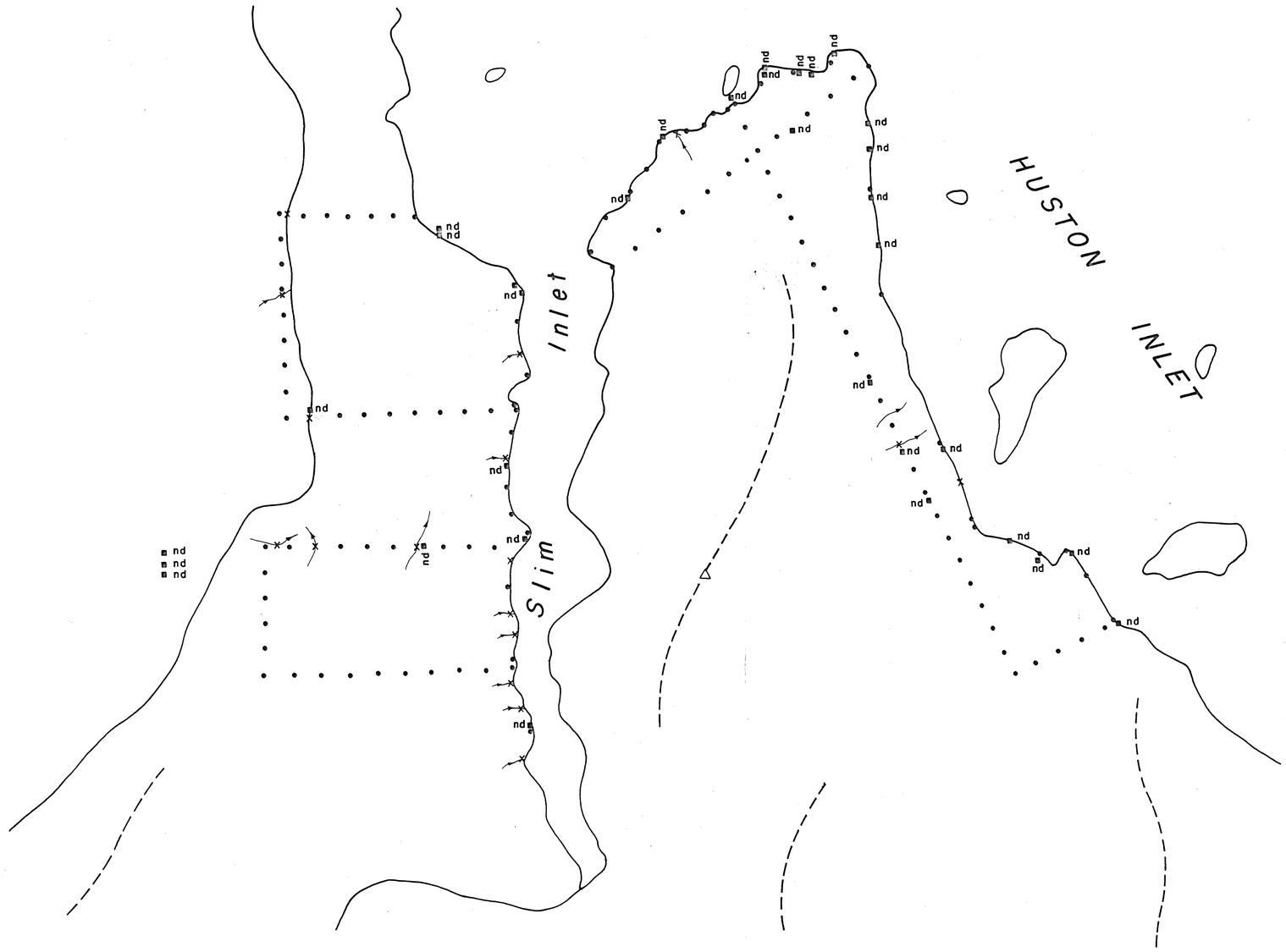
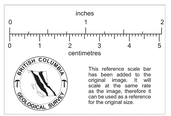
SLIM INLET GEOLOGY

FIGURE No. 4b		PROJECT No. M 512	
DATE May/82	REVISIONS		SCALE 1:10,000
NTS No. 103 B6W			FILE No. M-4
COMPILED BY G.W.			



0 200 400m



LEGEND:

- Soil sample
- Silt sample
- Rock sample
- Stream
- Ridge
- Peak

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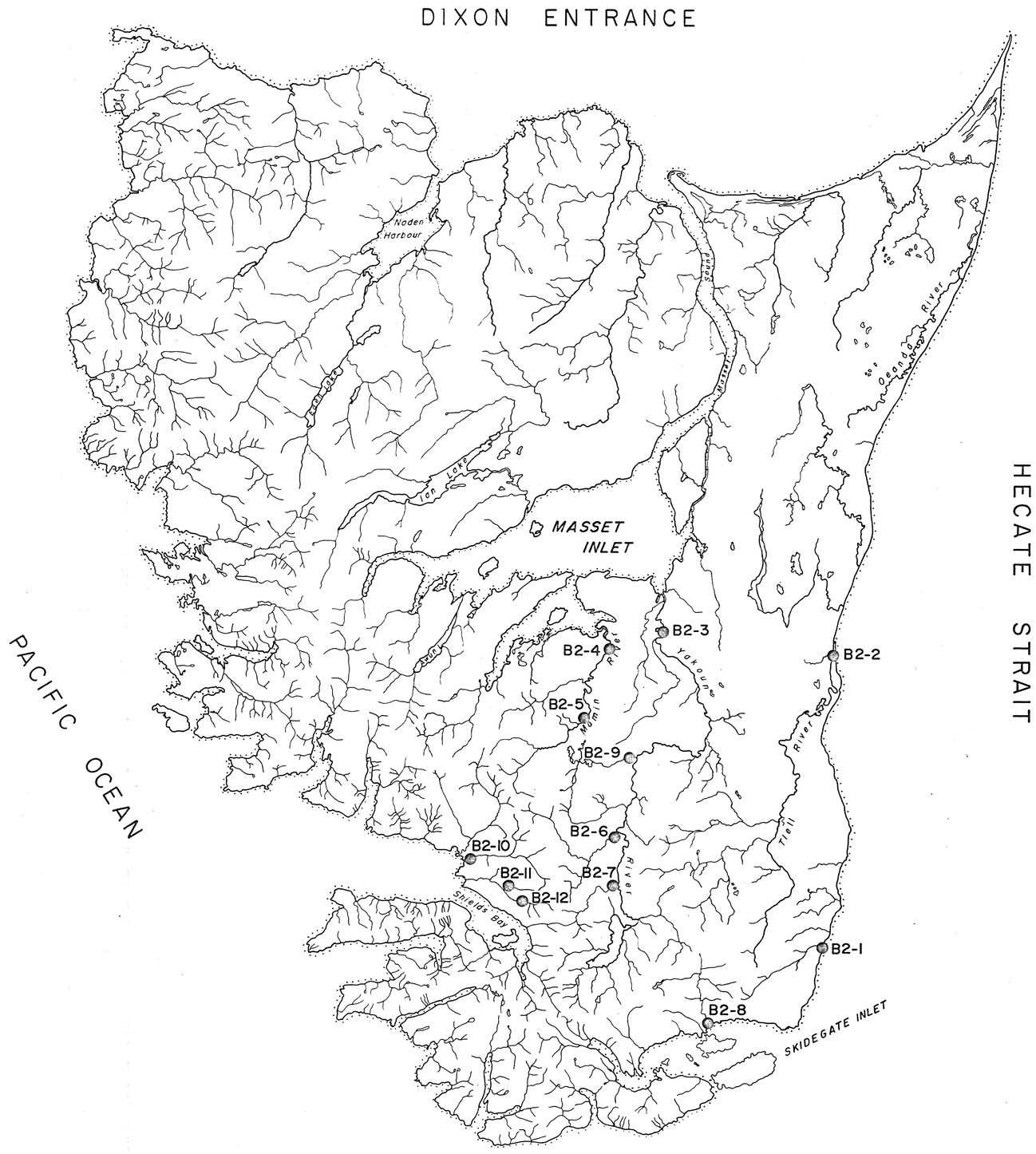
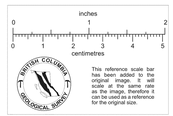
SLIM INLET
GEOCHEMISTRY
Sb-ppm

FIGURE No		PROJECT No	M 512
DATE May/82	REVISIONS		SCALE 1:10,000
NTS No 103 B6W			FILE No.
COMPILED BY G.W.			C-19



0 5 10 Km



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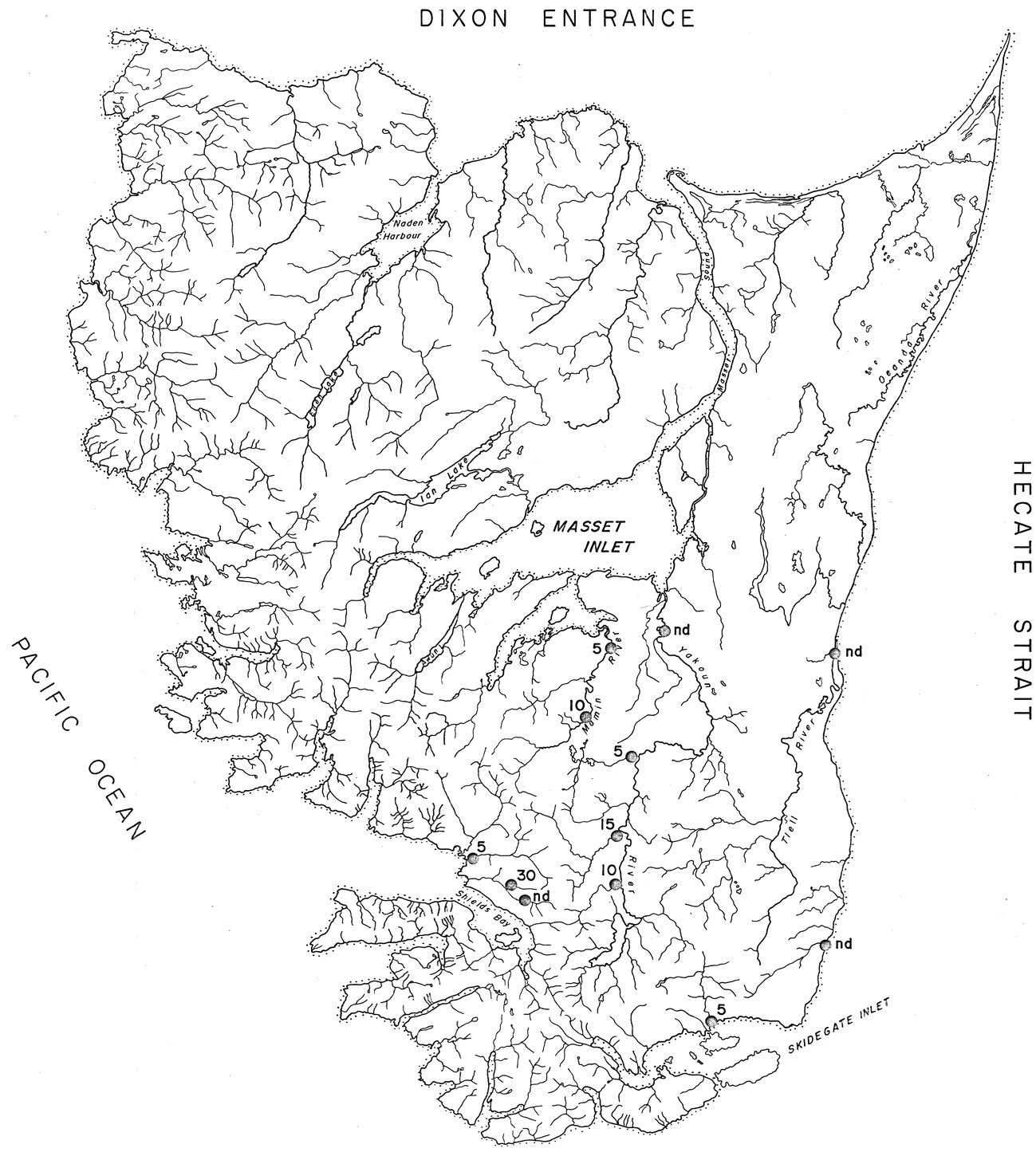
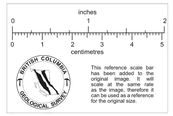
GRAHAM ISLAND
BULK SAMPLE LOCATIONS

FIGURE No. 1A		PROJECT No. M512	
DATE May/82	REVISIONS		SCALE 1:250,000
NTS No.			FILE No. C-18
COMPILED BY G.W.			

DRG. 87031-1-C.C.



0 5 10 Km



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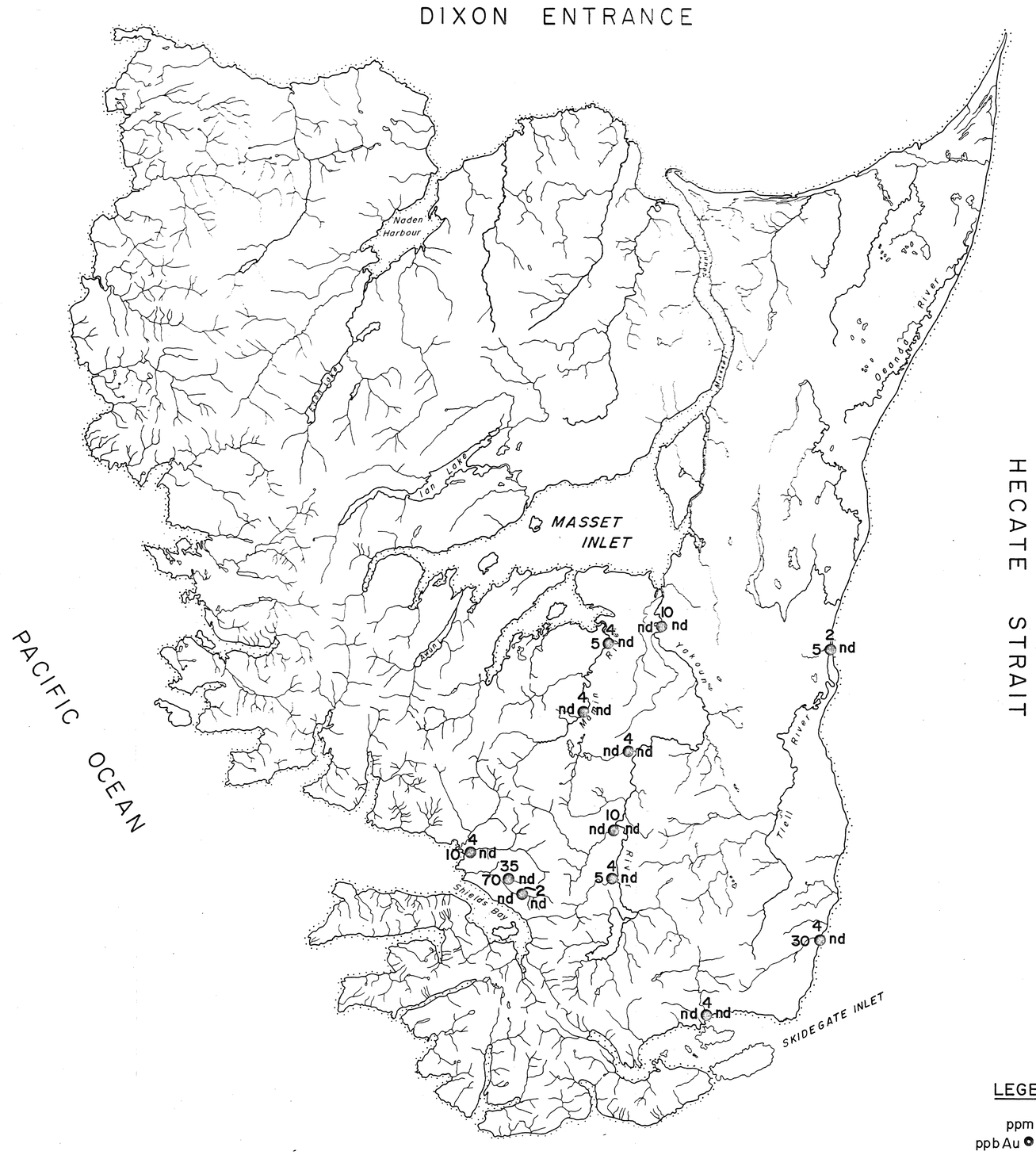
GRAHAM ISLAND

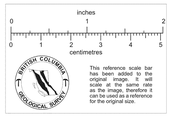
BULK SAMPLE-GEOCHEMISTRY

Au - ppb

FIGURE No. 1B		PROJECT No. M512	
DATE May/82	REVISIONS		SCALE 1:200,000
NTS No.			FILE No. C-15
COMPILED BY G.W.			



0 5 10 Km



LEGEND

ppm As
ppb Au ● ppm Sb

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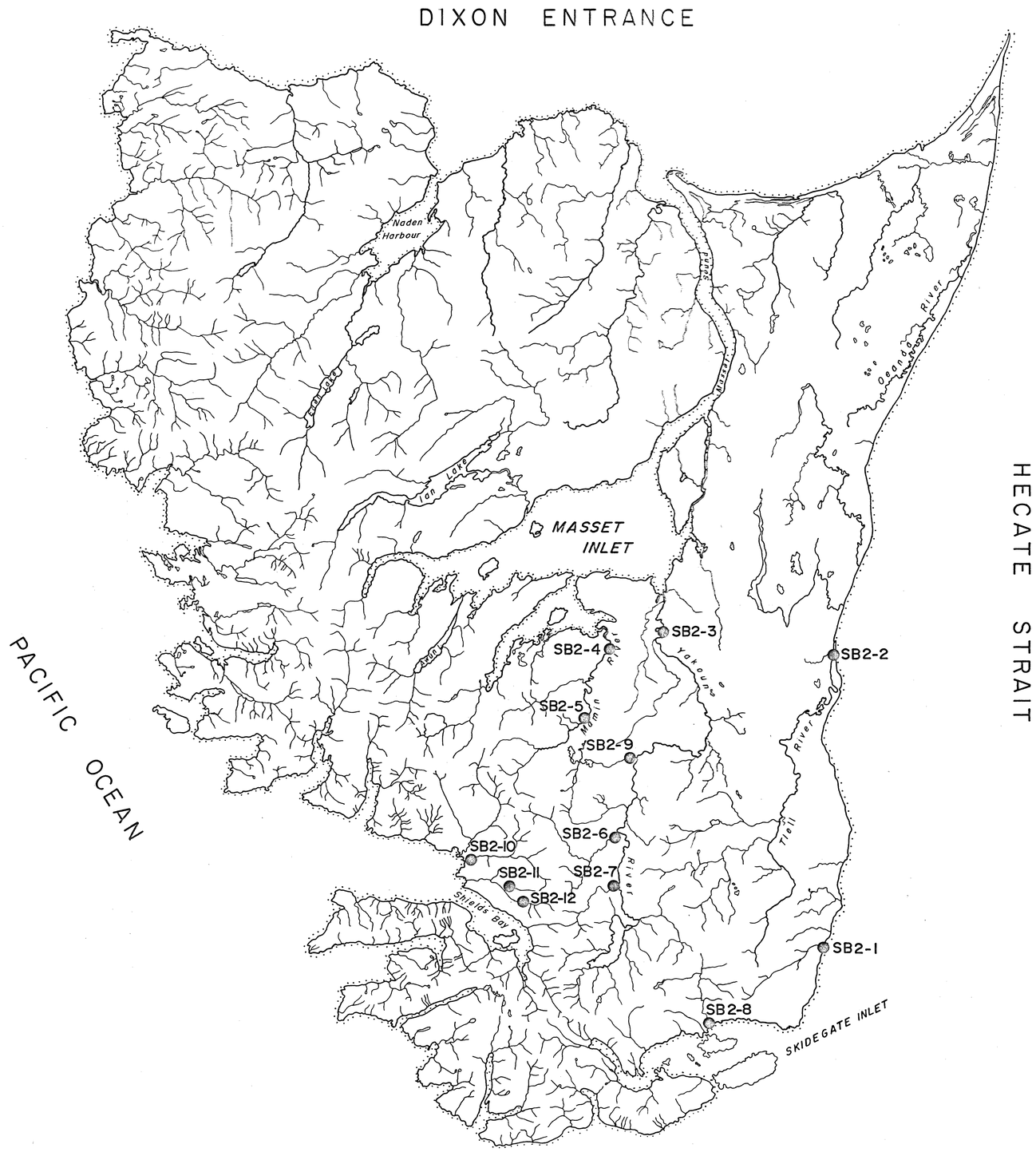
GRAHAM ISLAND

SILT SAMPLE - GEOCHEMISTRY

FIGURE No 1C		PROJECT No M512	
DATE May/82	REVISIONS		SCALE 1:250,000
NTS No			FILE No C-17
COMPILED BY G.W.			

BCDL 87924 1:C:C



0 5 10 Km

inches
0 1 2
0 1 2 3 4 5
centimetres

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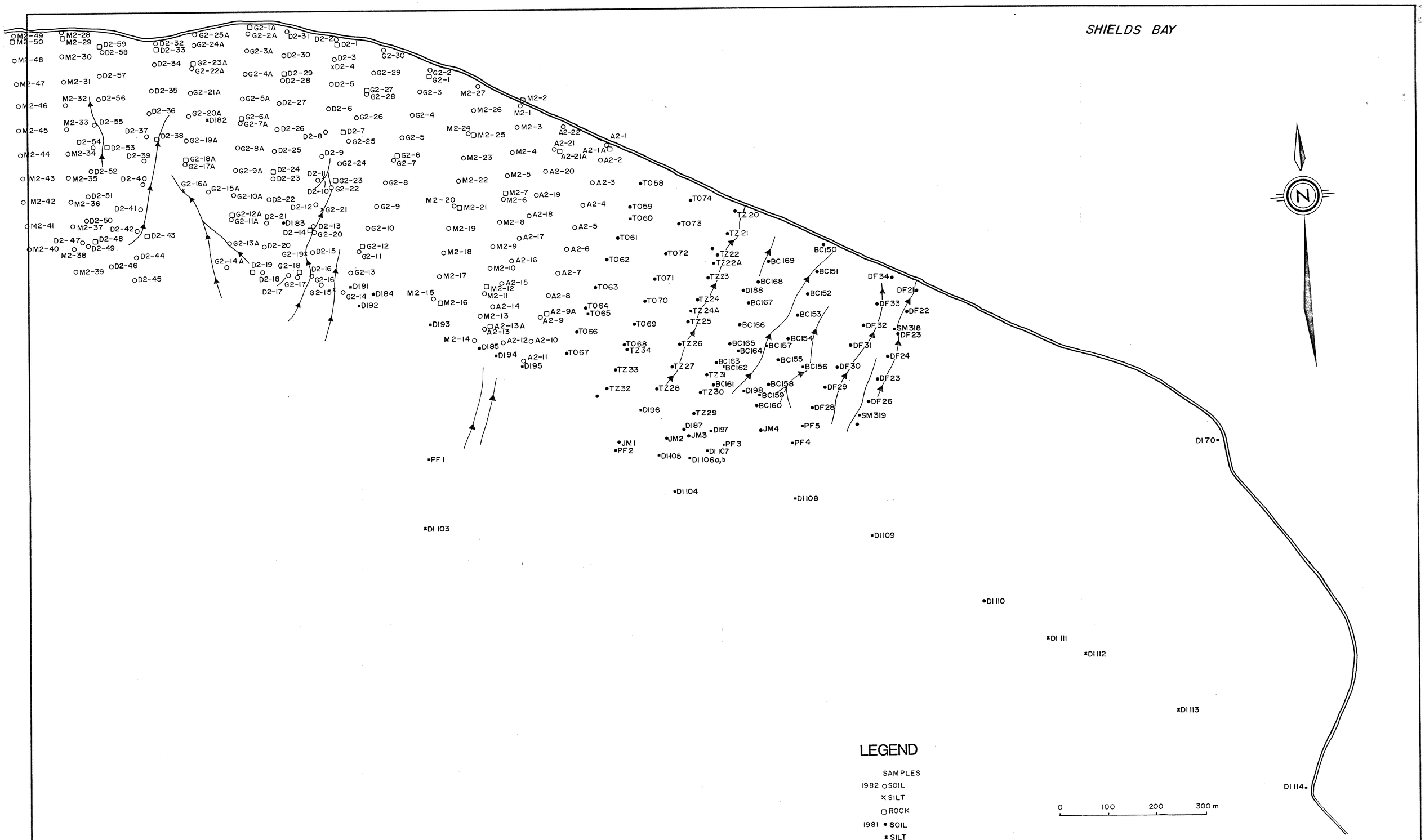
GRAHAM ISLAND
SILT SAMPLE LOCATIONS

FIGURE No 1D		PROJECT No. M512	
DATE May/82	REVISIONS		SCALE 1:250,000
NTS No.			FILE No
COMPILED BY G.W.			C-16



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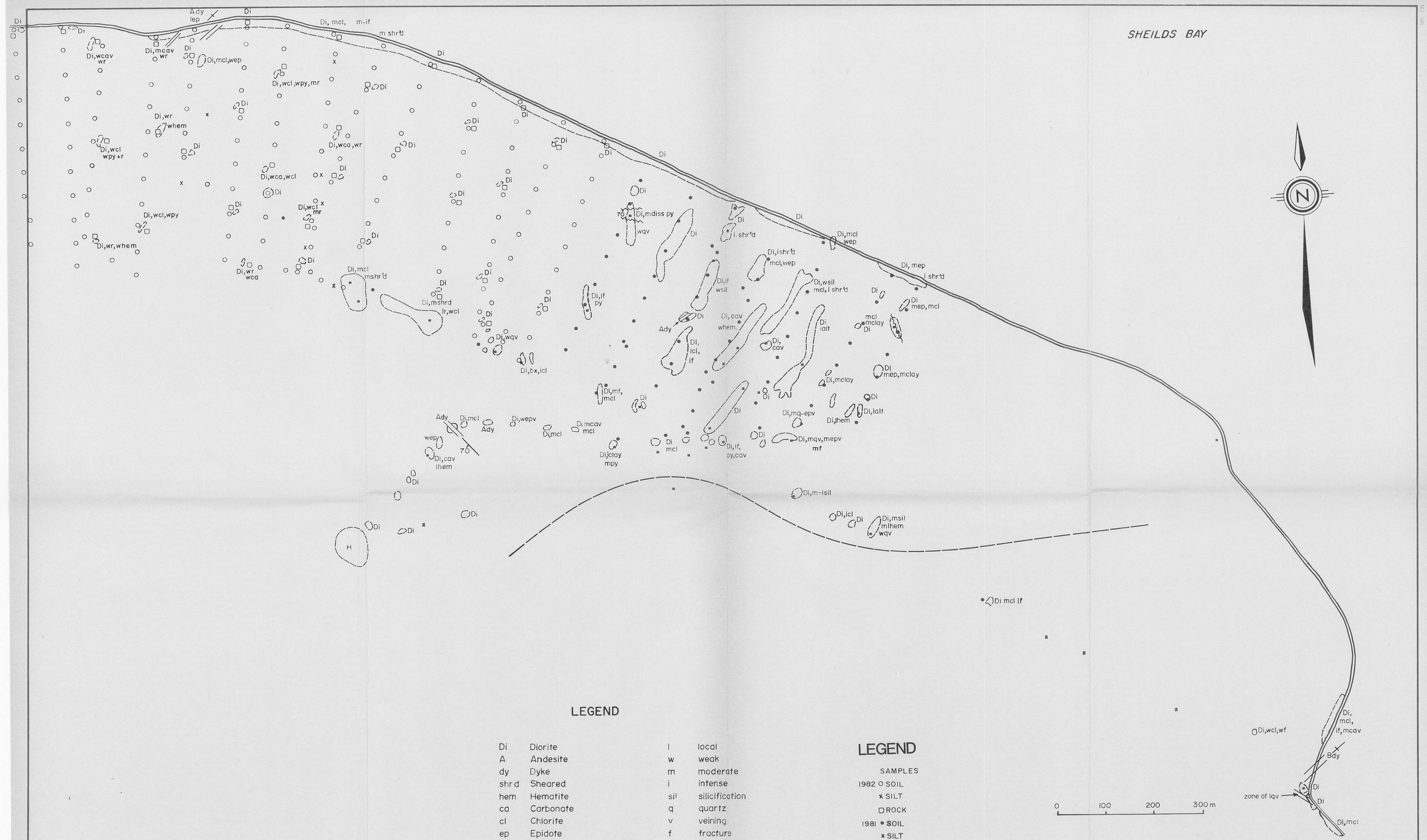
RICHARDSON HEAD
SAMPLE LOCATION

FIGURE 2A		DRAWING No. M512	
DEC 81			1:5000
103F 7E	DEC. 82 S.M.		S - 1
S.M.			



LEGEND

Di	Diorite	l	local
A	Andesite	w	weak
dy	Dyke	m	moderate
shr d	Sheared	i	intense
hem	Hematite	sil	silicification
ca	Carbonate	q	quartz
cl	Chlorite	v	veining
ep	Epidote	f	fracture
py	Pyrite		

LEGEND

SAMPLES

1982 ○ SOIL

✕ SILT

□ ROCK

1981 ● SOIL

▪ SILT

▪ ROCK

——— RIDGE

inches 0 1

0 1 2 centimetres

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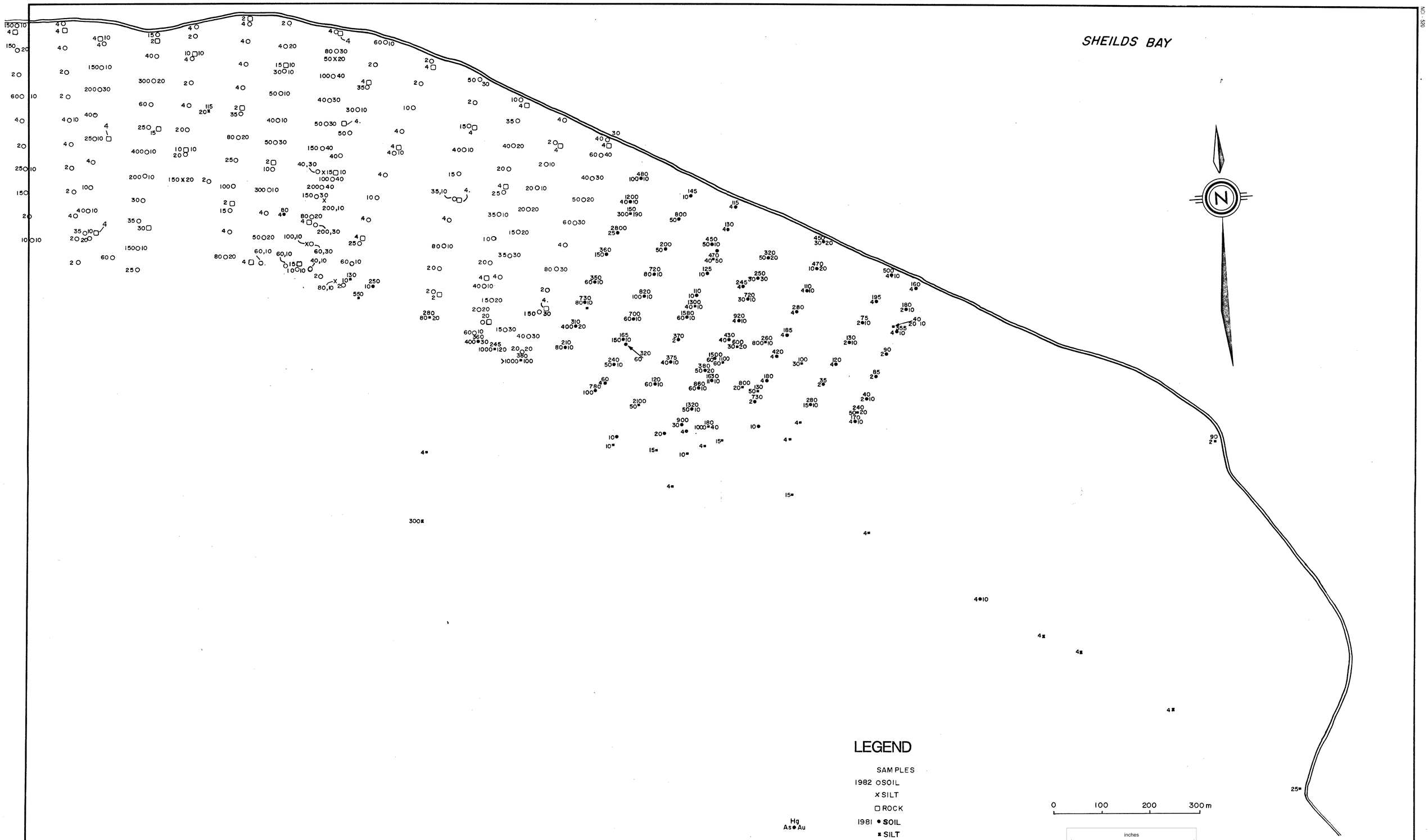
RICHARDSON HEAD

GEOLOGY

FIGURE No. 2B		PROJECT No. M512	
DATE DEC 81	REFERENCE		SCALE 1:5000
103F 7E	DEC. 82 S.M.		SHEET No. G - 1
DRAWN BY S.M.			



LEGEND

SAMPLES

1982 O SOIL
X SILT
□ ROCK

1981 ● SOIL
■ SILT
▪ ROCK

Hg
As ◆ Au

NOTE: 1982 SAMPLES NOT ANALYZED FOR Hg

inches
0 1 2
0 1 2 3 4 5
centimetres

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BRITISH COLUMBIA GEOLOGICAL SURVEY

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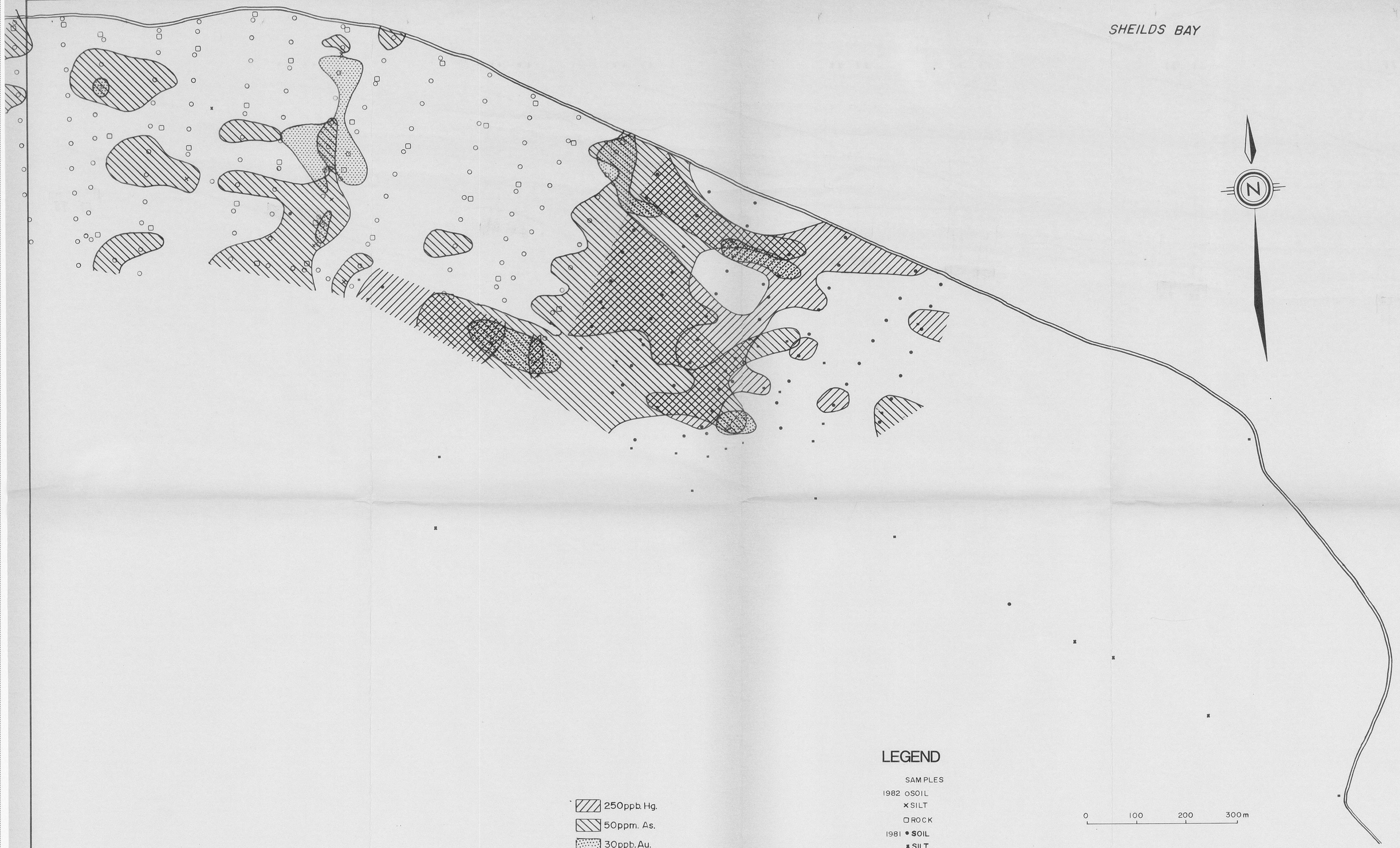
RICHARDSON HEAD
GEOCHEMISTRY

FIGURE No. 2C		DRAWING No. M512	
DATE DEC 81			1:5000
103F 7E	DEC. 82 S.M.		C - 1
S.M.			



LEGEND

250ppb. Hg.

50ppm. As.

30ppb. Au.

SAMPLES

1982 o SOIL

× SILT

□ ROCK

1981 • SOIL

▪ SILT

▪ ROCK

inches

0 1 2

0 1 2 3 4 5

centimetres

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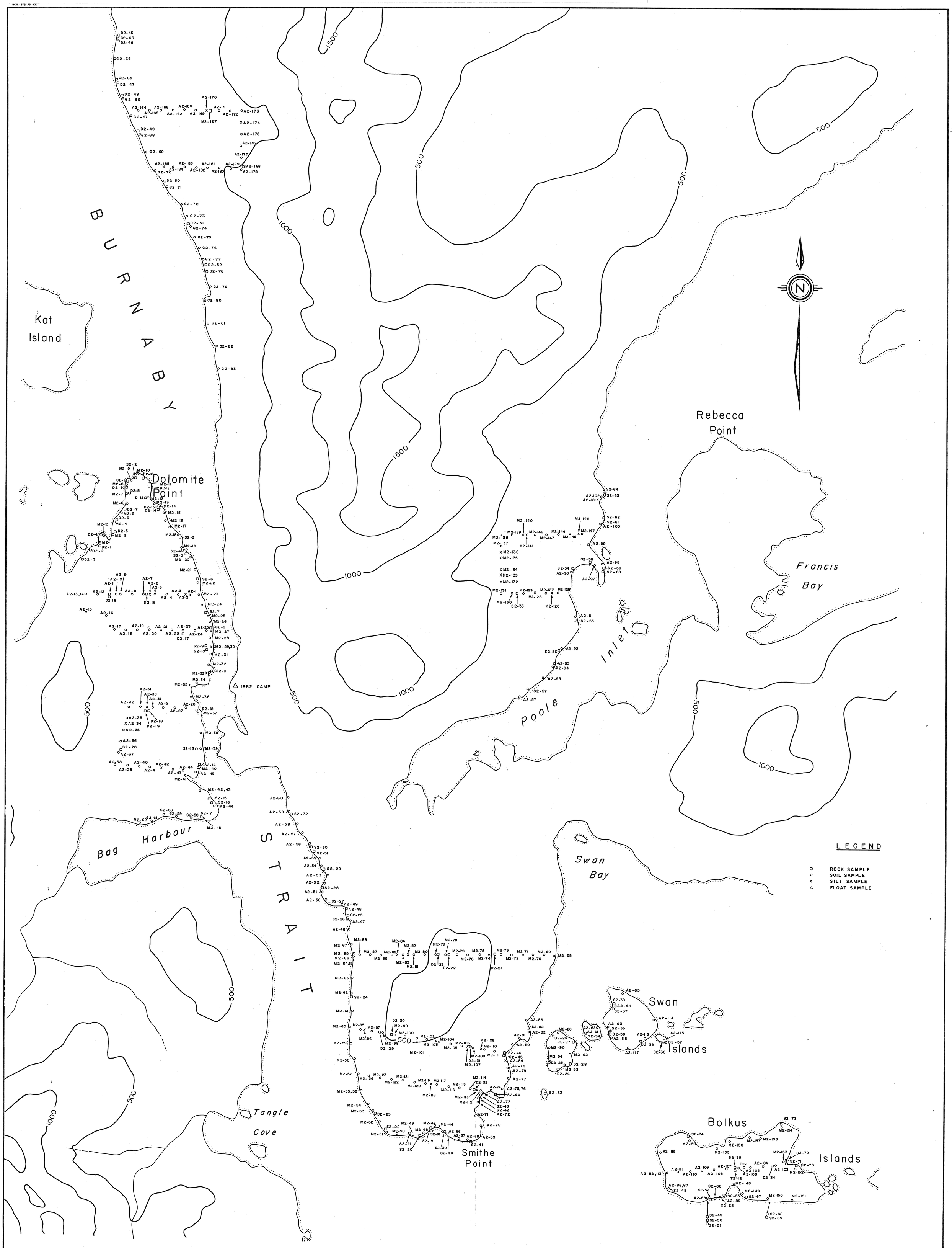
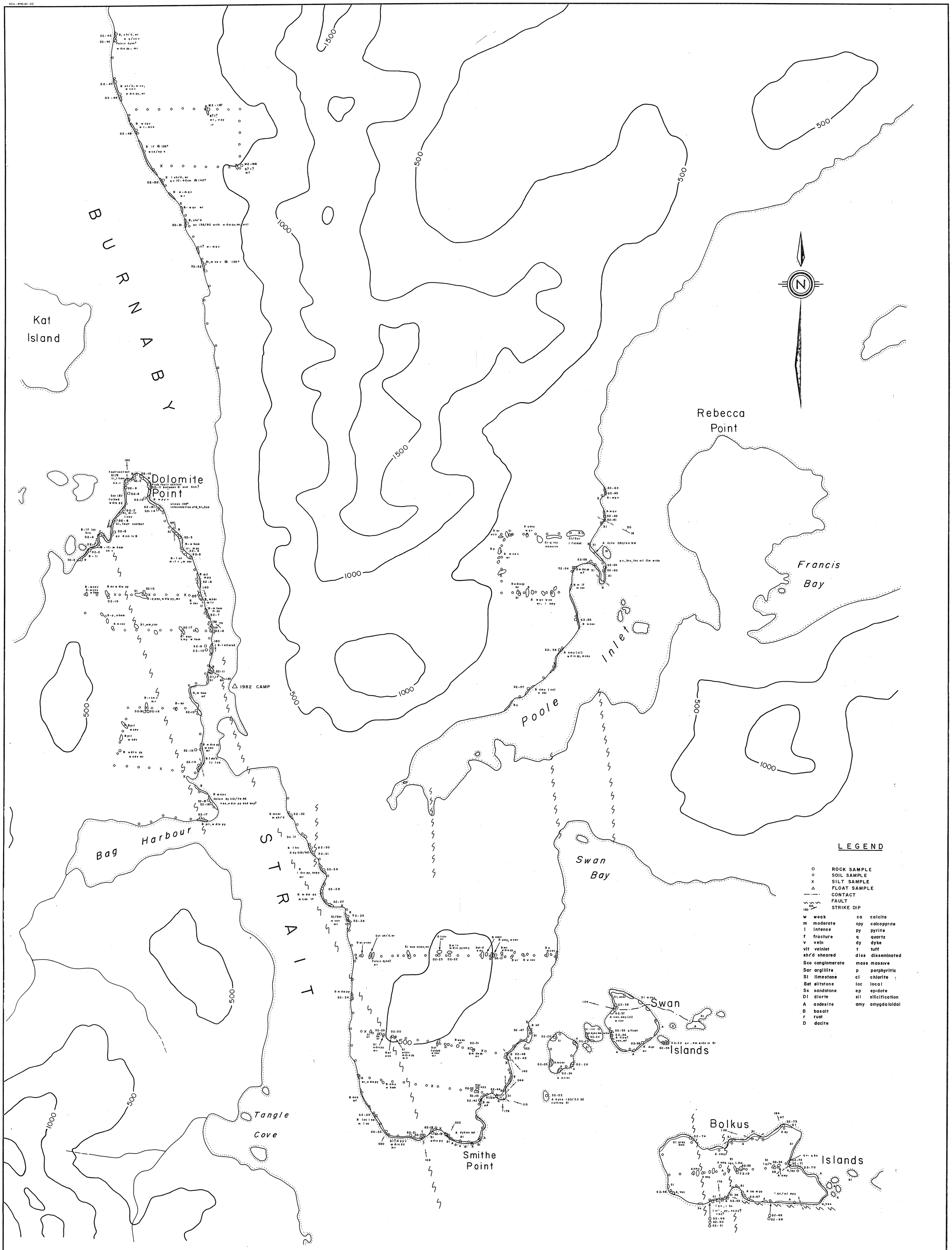
RICHARDSON HEAD
GEOCHEMISTRY CORRELATION Au,As,Hg

FIGURE No. 2D		PROJECT No. M512	
DATE DEC 81	REVISIONS		SCALE 1:5000
N.T.S. 103F 7E	DEC. 82 S.M.		FILE No. C - 2
COMPILED BY S.M.			

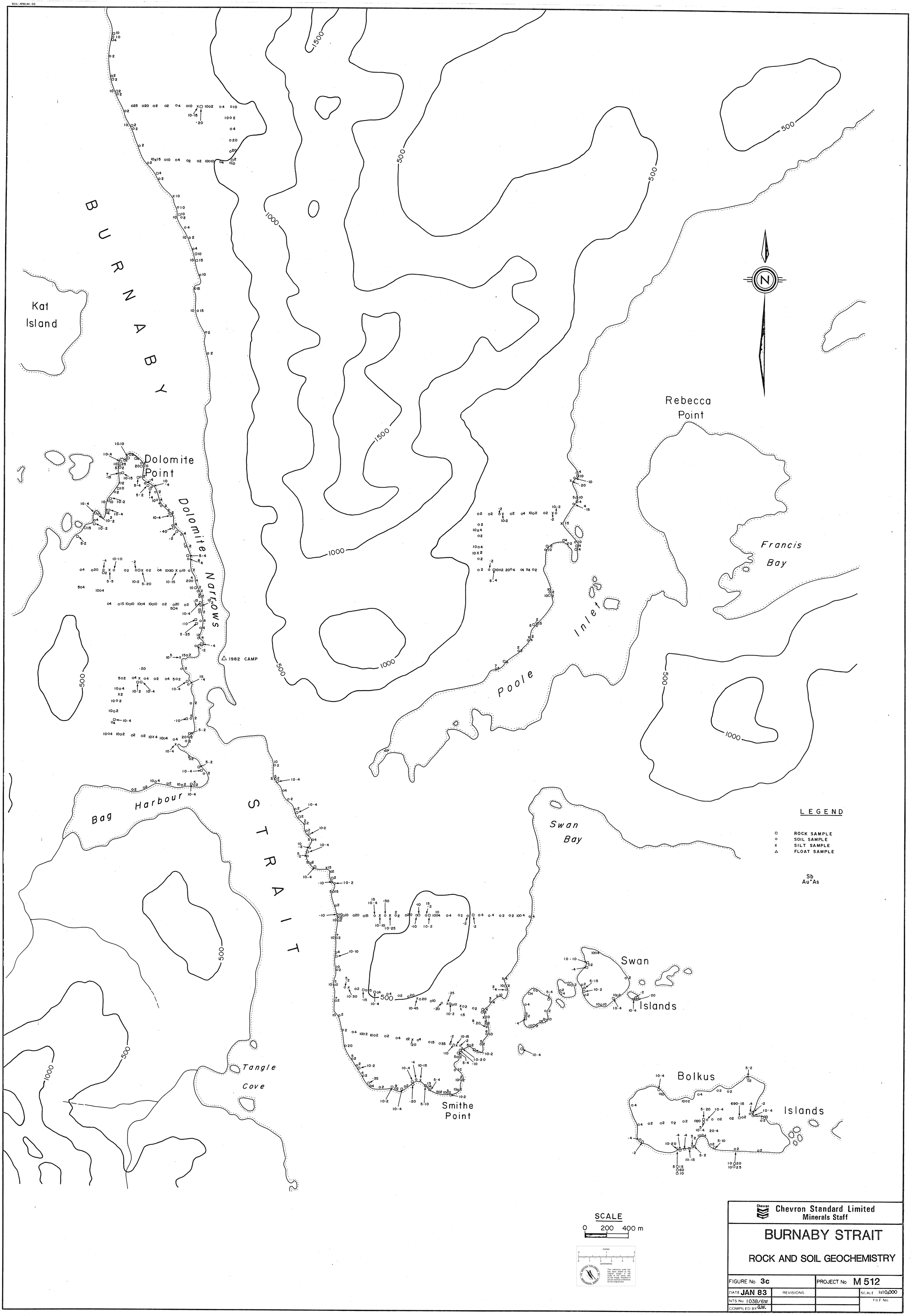
BGHL - 8765 A0 - CC

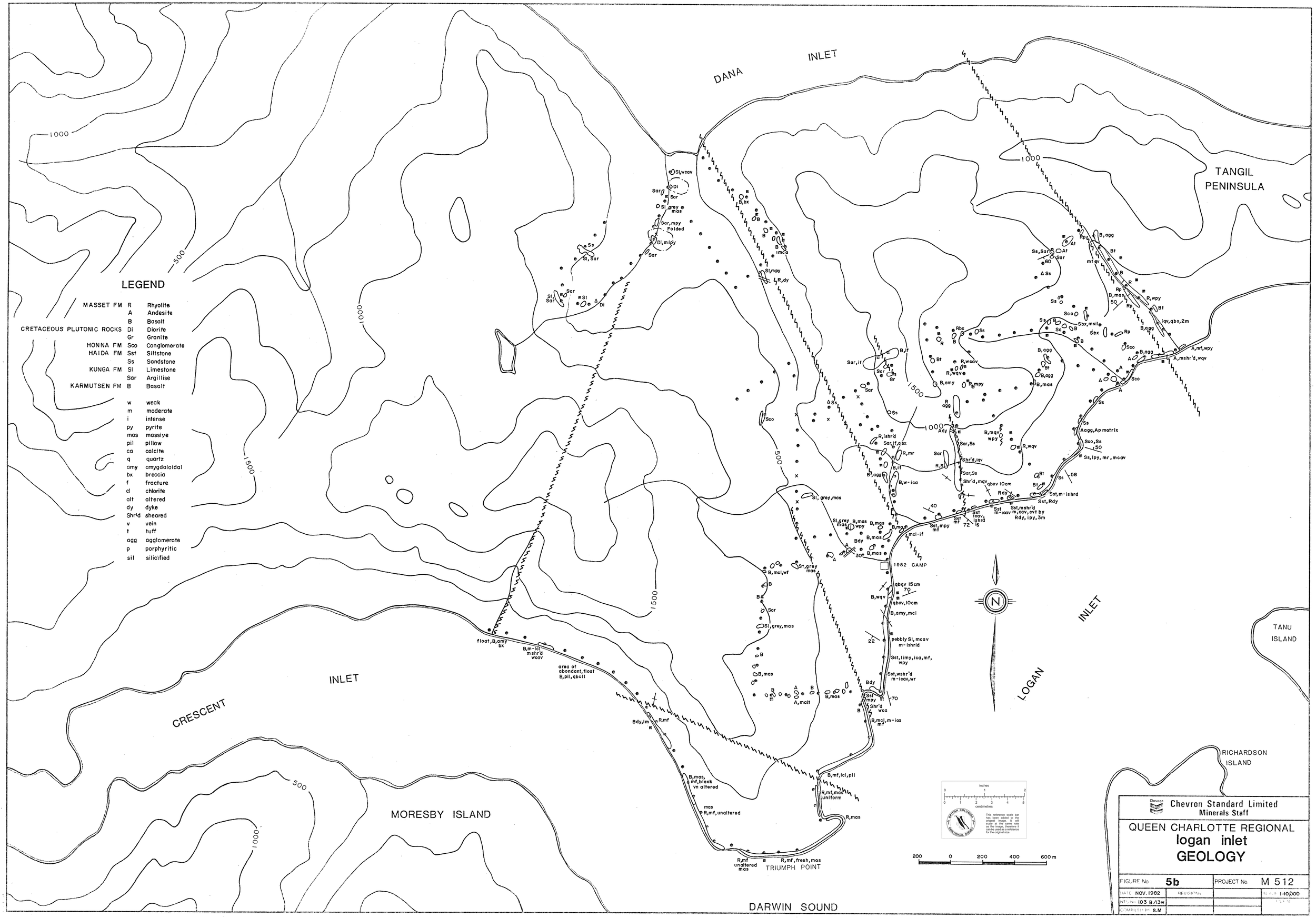


BCIL - 6765 A0 - CC



BCIL - 8765 A0 - CC




DANA INLET
TANGIL PENINSULA
LOGAN INLET
TANU ISLAND
RICHARDSON ISLAND
CRESCENT INLET
MORESBY ISLAND
TRIUMPH POINT
DARWIN SOUND
1982 CAMP
LEGEND
MASSET FM R Rhyolite
A Andesite
B Basalt
CRETACEOUS PLUTONIC ROCKS Di Diorite
Gr Granite
HONNA FM Sco Conglomerate
HAIDA FM Sst Siltstone
Ss Sandstone
KUNGA FM Sl Limestone
Sar Argillise
KARMUTSEN FM B Basalt
w weak
m moderate
i intense
py pyrite
mas massive
pil pillow
ca calcite
q quartz
amy amygdaloidal
bx breccia
f fracture
cl chlorite
alt altered
dy dyke
Shr'd sheared
v vein
t tuff
agg agglomerate
p porphyritic
sil silicified
1000
500
1500
N
200 0 200 400 600 m
inches
centimetres
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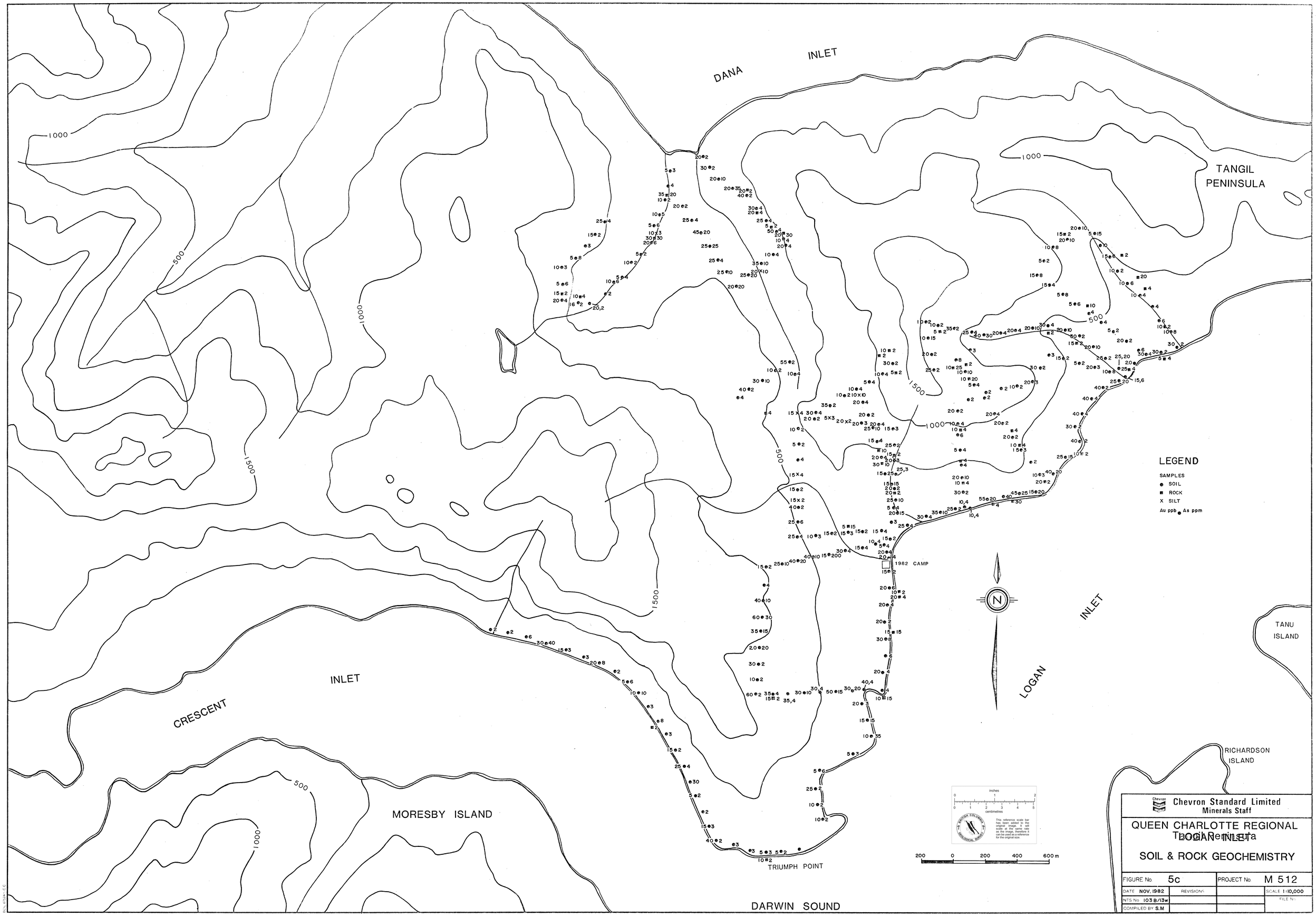
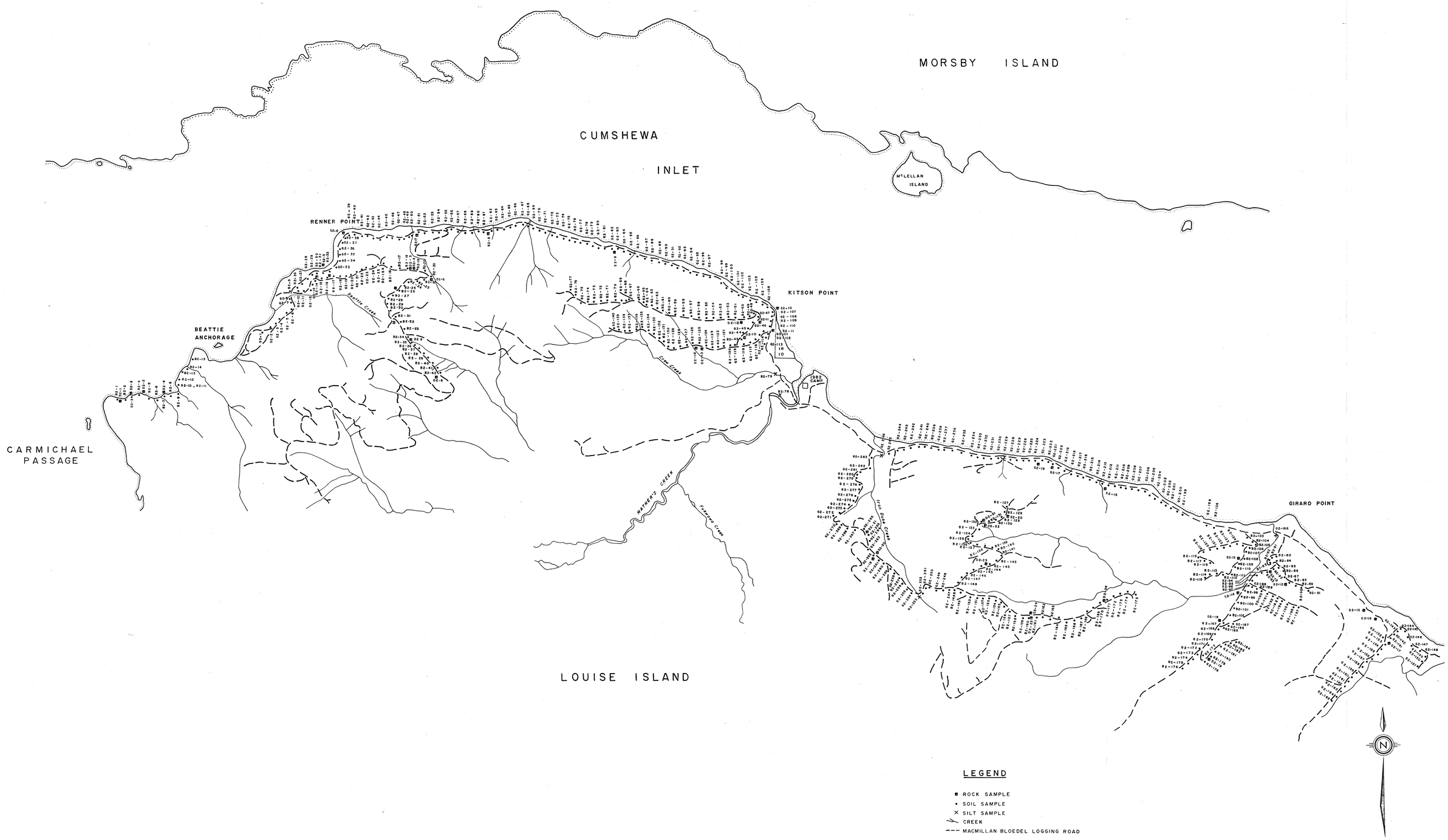
Chevron Standard Limited
Minerals Staff
QUEEN CHARLOTTE REGIONAL
logan inlet
GEOLOGY
FIGURE No 5b
PROJECT No M 512
DATE NOV. 1982
REVISIONS
SCALE 1:10,000
NTS No 103 B/13w
COMPILED BY S.M


DANA INLET
TANGIL PENINSULA
TANU ISLAND
LOGAN INLET
RICHARDSON ISLAND
CRESCENT INLET
MORESBY ISLAND
TRIUMPH POINT
DARWIN SOUND
1982 CAMP
LEGEND
SAMPLES
SOIL
ROCK
SILT
Au ppb As ppm
N
inches
centimetres
200 0 200 400 600 m
Chevron Standard Limited
Minerals Staff
QUEEN CHARLOTTE REGIONAL
LOGAN INLET
SOIL & ROCK GEOCHEMISTRY
FIGURE No. 5c
PROJECT No. M 512
DATE NOV. 1982
REVISIONS
SCALE 1:10,000
NTS No. 103 B/13 W.
FILE No.
COMPILED BY S.M.



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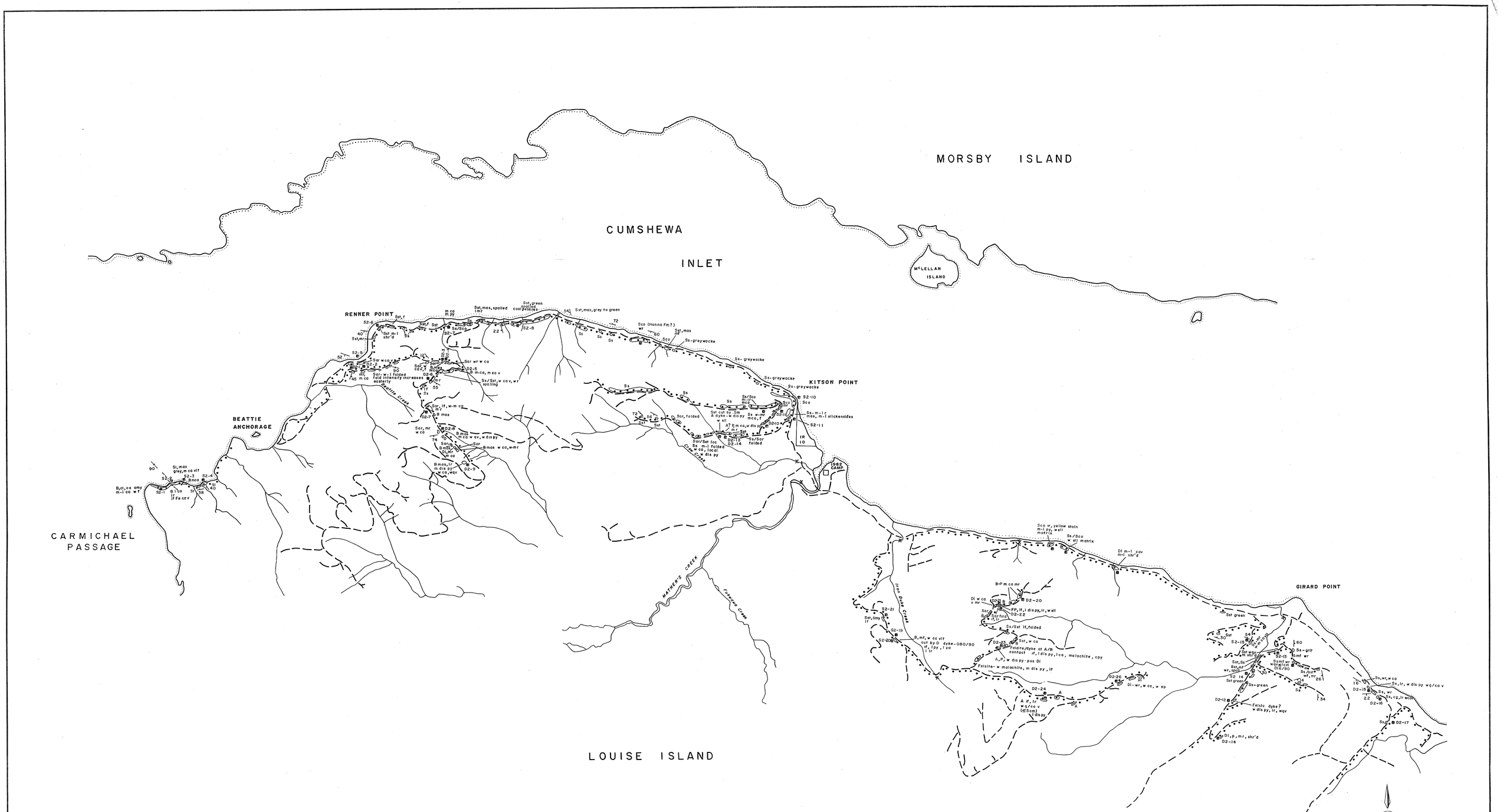
QUEEN CHARLOTTE REGIONAL
LOUISE ISLAND

SAMPLE LOCATION MAP

FIGURE No. 6A		PROJECT No. M512	
DATE NOV 82	REVISIONS		SCALE 1:20,000
NTS No. 103 B13/G4			FILE No. S-17
COMPILED BY S.M.			



LEGEND

w	weak	ca	calcite
m	moderate	cpy	calcopyrite
i	intense	py	pyrite
f	fracture	q	quartz
v	vein	dy	dyke
vlt	veinlet	t	tuff
shr'd	sheared	diss	disseminated
Sco	conglomerate	mass	massive
Sar	argillite	FP	feldspar porphyry
Sl	limestone	p	porphyritic
Sst	siltstone	cl	chlorite
Ss	sandstone	F	fossil locality
Di	diorite	Cg	coarse grain
A	andesite	loc	local
B	basalt	ep	epidote
r	rust	sil	silicification
D	dacite	amy	amygdaloidal

SYMBOLS

- ROCK SAMPLE
- SOIL SAMPLE
- SILT SAMPLE
- CREEK
- MACMILLAN BLOEDEL LOGGING ROAD
- FAULT

0 500 1000 m

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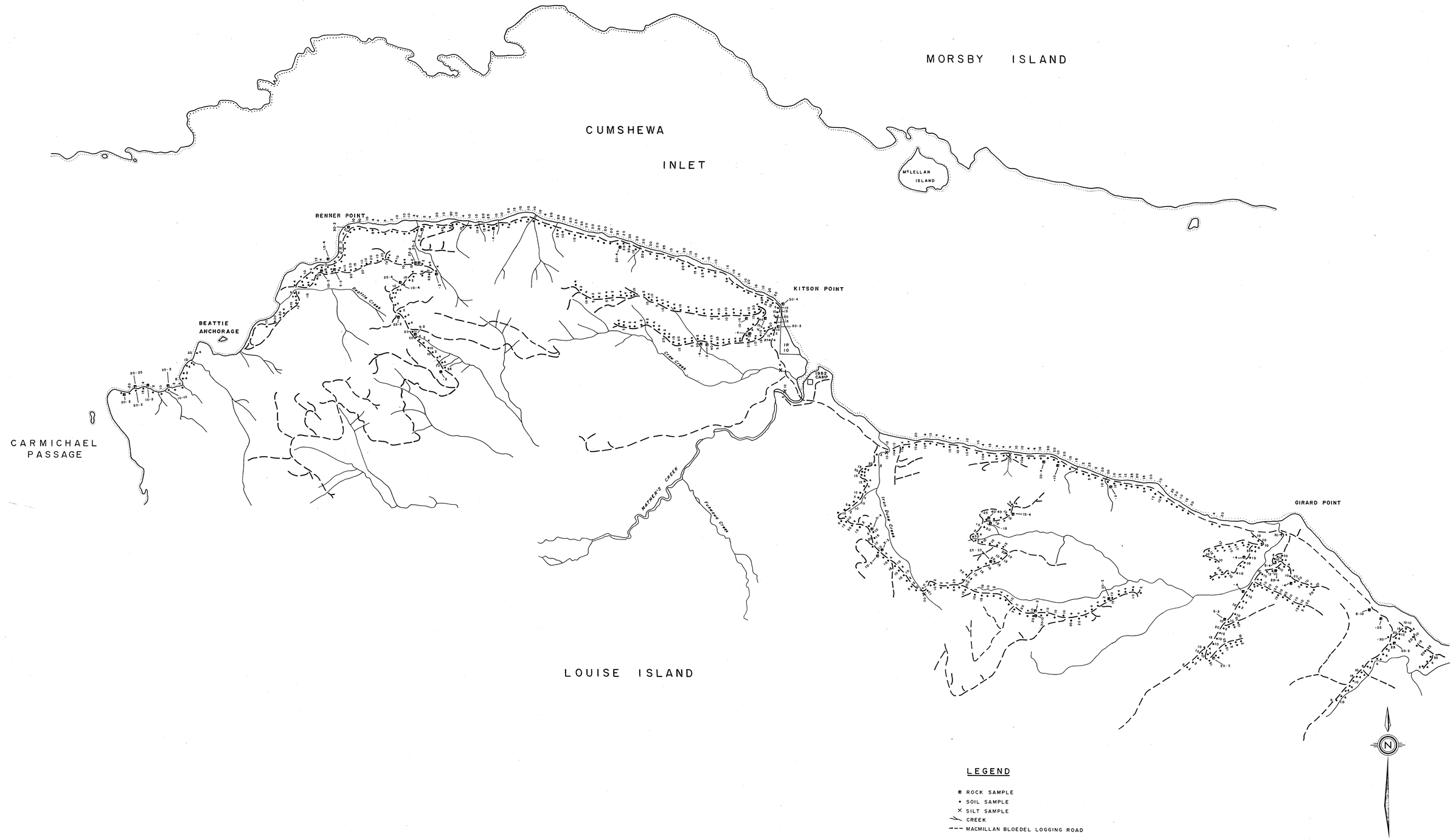
QUEEN CHARLOTTE REGIONAL
LOUISE ISLAND
GEOLOGY

FIGURE No. 6B		PROJECT No. M512	
DATE NOV 82	REVISIONS		SCALE 1:20,000
NTS No. 103 B13/G4			FILE No. G-15
COMPILED BY S.M.			



LEGEND

- ROCK SAMPLE
- SOIL SAMPLE
- SILT SAMPLE
- CREEK
- MACMILLAN BLOEDEL LOGGING ROAD

SOIL Au ppb • As ppm

ROCK Au ppb • As ppm

0 500 1000 m

inches 0 1 2

centimeters 0 1 2 3 4 5

This reference scale that accompanies this map is the original scale. It will scale at the same rate as the map and can be used as a reference for the original size.

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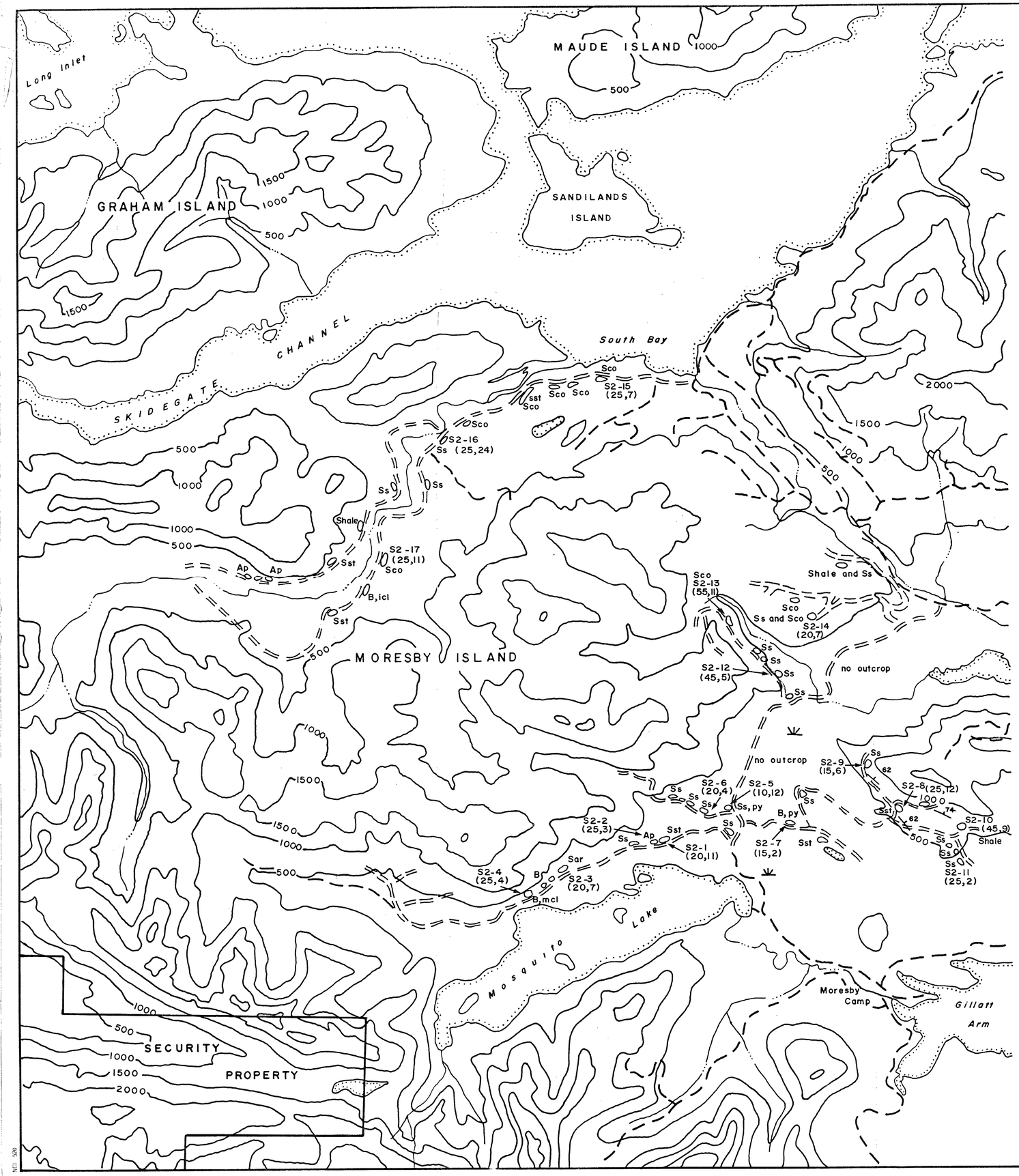
QUEEN CHARLOTTE REGIONAL
LOUISE ISLAND

ROCK AND SOIL GEOCHEMISTRY
Au , As

FIGURE No. 6c		PROJECT No. M512	
DATE NOV 82	REVISIONS		SCALE 1:20,000
NTS No. 103 B13/G4			FILE No. C-22
COMPILED BY S.M.			



LEGEND

S2-5	ROCK SAMPLE NUMBER
(20,7)	Au-ppb, As-ppm
= = =	Logging roads-routes traversed
— — —	Logging roads
Sst	Siltstone
Ss	Sandstone
Sco	Conglomerate
B	Basalt
cl	chlorite
i	intensive
Ap	Andesite porphyry

N

0 1000 2000m

inches 0 1 2

0 1 2 3 4 5 centimetres

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QUEEN CHARLOTTE REGIONAL
NORTH OF MOSQUITO LAKE
GEOLOGY AND ROCK GEOCHEMISTRY

FIGURE No 7		PROJECT No M-512	
DATE JAN83	REVISIONS		SCALE 1:50000
NTS 103F/1E			DRAWN
COMPILED BY SM			