

Louise Geochem.

Boat Trav.

S.G. - sampling.

S.M. - Geology

Cumshewa

Inlet.

Aug. 20/82.

S. Goertz

SG

840996

Louise Island

1982

M512

Sample #	Loc. (m)	Alt. (m)	Depth / Cdg.	Text	Hor.
1-82-1	0	30m.	10cm / Rust Brown	89% silt 10% clay 1% org.	B.
2	100	10	12cm / Brown	60% silt 30% clay 10% rx	"
3	200	30.	20cm / Rust brn.	89% silt 10% clay 1% rx	B.
4	300	10	" / "	"	"
5	400	5	" / "	"	"
6	500	0	" / "	60% silt 20% sand 10% clay 10% org.	B.
7	600	5	" / Grey brn.	10% silt 40% clay 1% rx	B.
8	700	"	12cm / "	10% silt 50% silt 30% clay 10% rx	B
9	800	5.	" / "	"	"
10	900	"	" / "	"	"
11				50% silt 40% sand	B.
12	1000	0	" / Rust Brown	10% silt 80% silt 10% clay 10% org.	B.
13	1100	0	" / Grey	70% silt 20% clay 10% sand	B.
14	1200	"	12cm / Rust brn	70% silt 20% clay	B.
15	1300	5	25cm / "	10% sand 80% silt 10% clay 1% rx 10% org.	B.

R. D. PENHALL LTD. MADE IN VANCOUVER, CANADA
DUKSEAK WATERPROOF

Louise Geschorn. Aug 27/82

S. Goertz. - Sampling.

D.H. - Geology.

Regional.

for ISA - 42.

R. D. PENHALL LTD. MADE IN VANCOUVER, CANADA
DUKSBAK WATERPROOF

Sample	Loc. (m)	Alt. (m)	Depth/Color	Text.	Hor.
L-B2-15A	100.	120	12cm/Rust / Br.	80% silt. 10% clay 10% org.	Hor. B.
16.	200.	130.	" / "	"	"
17	300	140.	9cm / "	"	"
18.	400	160	" / Brown	"	"
19.	500	180.	" / Rust Brown	"	"
20	600	200.	" / "	"	"
21	700	230	" / "	"	"
22	800	240	" / "	"	"
23	900.	260	" / "	"	"
24.	1000	270.	" / "	"	"
25	1100.	290.	" / "	"	"
26	1200	310.	" / "	"	"
27	1300	340.	" / "	"	"
28	1400	360.	" / "	"	"
29	1500.	350	" / "	50% clay 30% silt. 10% sand 10% org.	"

July 20-50

Road
junct. at

1650 m.

Ht. 4130 ab

1970 m.

METRIC
FIELD (S)

Sample	Loc.	Alt.	Depth/Color	Text	Hor.
1-3730	1600	360.	15cm/Gray	20% clay	B.
31	1700	370.	" / Rust Brn.	10% org. 80% silt 10% clay 9% fx 10% org.	B.
32	1800	390.	" / "	"	"
33	1900	400.	" / "	"	"
34	2000	410.	" / "	"	"
35	2100	"	" / "	"	"
36	2200	400	" / "	60% silt 30% clay 10% org.	"
37	2300	400.	" / "	80% silt 10% clay 9% fx 10% org.	"
38	2400	410	" / "	"	"
39	2500	"	" / "	"	"
40	2600	"	" / "	"	"
41	2700.	410.	" / "	"	"
42	2800	"	" / "	"	"

R.D. PENHALL LTD. MADE IN VANCOUVER, CANADA
DUNSBARK WATERPROOF

Aug 22/82.

Louise Geechem.

S. Goertz - Sampler

D.A. - Geology

L200 Trav.

Sample #	Loc (m)	Alt. (m)	Depth	Color	Text	Hor.
L-3243	100	110m.	20cm	Rust. Brn.	80% silt 10% clay 10% rx.	B.
44	200	"	" / "	"	"	"
45	300	130m	2 / 4	"	"	"
46	400	160m.	" / "	"	"	"
47	500	180m.	" / "	"	"	"
48	600	190m.	" / "	"	"	"
49	700	210m.	" / "	"	"	"
50	800	230m	" / "	"	"	"
51	900	240m	" / "	"	"	"
52	1000	250	" / "	"	"	"
53	1100	270.	" / "	"	"	"
54	1200	290.	" / "	"	"	"
55	1300	310	" / "	"	"	"
56	1400	320	" / "	"	"	"
57	1500	340.	" / "	"	"	"

1st Svo. Book
at 1.

580m.

Sweden h 30.
at 2430.

Sample #	Loc (m)	Alt (m)	Depth/Cor	Text	Hor.
L-B2-58	1600	350.	20 cm / Rust 100% org.	80% silt 10% clay 10% org.	B.

59	1700	370	" / "	"	"
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60	1800	"	" / "	"	"
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61	1900	"	" / "	"	"
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62	2000	"	" / "	"	"
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63	2100	"	" / "	"	"
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64	2200	380.	" / "	"	"
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65	2300	"	" / "	"	"
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66	2400	"	" / "	70% silt 20% clay 10% org.	B.
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67	2500	385	" / "	80% silt 10% clay 10% org.	B.
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68	2600	380.	" / "	"	"
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69	2700	390.	" / "	"	"
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70	2800	410.	" / "	"	"
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71	2900	430.	" / "	"	"
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72	3000	440.	" / "	"	"
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June 1st

3300m

Sample #	Loc. (m)	Alt. (m)	Depth/Color	Text.	Hor.
B2-73	3100	450m.	20cm/Rust Brown	80% silt 10% clay 10% org.	B.
-74	3200	470m	" / "	" "	"
-75	3300	480	" / "	" "	"
-76	3400	490	" / "	" "	"
-77	3500	"	" / "	" "	"

Sample #	Loc.	Alt.	Depth / Cdr.	Text.	Hor.
L-B27	Matters Co.	20m	→ / Gray	70% silt 25% sand	Silt.
79	Clew Co.	"	- / "	59% org 63% silt 20% sand 59% org	"

Louise Geochem

S. Geertz - Sampling -

S.M. - Geology.

Aug 23/82

Lower Regional

Aug 23/82

St soil
SM geology

attempted to reach
Mather's Lake on 40yr
old road - lost
road at 1832m
- took 2 cult
samples.

L-B2-78

Mather's Ch

L-B2-79

Crew Ch

see map of SM for
Aug 23 for route
+ sample location

Louse Record

S. Goetze - August/82

S.G. Sampling
S.M. Geology.

Sample	Loc.	Alt (m)	Depth	Color	Text	Hor.
L-B2-80	300	40	3cm	Rust Brown	50% silt 10% clay	T-11
81	400	50(m)	3cm	Brown	"	B
-82	500	60m	"	"	"	"
-83	600	70m	"	Rust Brown	"	"
-84	700	90m	"	"	"	"
-85	800	100	"	"	"	"
-86	900	"	"	Grey	20% clay 10% silt	"
-87	1000	"	"	Rust Brown	50% silt 10% clay	"
-88	1100	"	"	Grey Brd	"	"
-89	1200	"	"	Rust Brd	"	"
-90	1300	"	"	"	"	"
-91	1400	"	"	"	"	"
-92	100	110	"	"	"	"
-93	200	120	"	"	"	"
-94	300	130	"	"	"	"

0 m at junction

130 m at 232°

70m at 268°

385 135 m at 248°

365 m at 218°

704 400 m at 212°

Sample #	Loc.	Alt.	Depth/Color	Text	Hg
L-B2-95	400.	130.	2cm Rust Brn.	50% silt. 10% clay 10% org.	B.
-96	500	140.	" / "	"	"
-97	600	150.	" / "	"	"
-98	700	170	1/2 Gray Brn.	70% clay 20% silt. 10% org.	"
-99	800	185.	" / Rust Brn.	80% silt 10% clay 10% org.	"
-100	900	200.	" / Brown.	"	"
-101	1000	220.	" / Gray Brown	60% clay 20% silt 10% sand 10% org.	"
-102	1100.				

Aug 25/82 .

S. Goertz

S. Go - sampling -
S. M. - Geology

Louise Geochem.

L-500 Trav.

(For map see Aug 24
mifer)

Sample #	Loc (m)	Alt. (m)	Depth	Color	Text	Hor.
L-82-103	140	60	30cm	Rust Brown	80% silt 10% clay 10% org	B.
104	200	80	"	"	"	"
105	300	90m	"	"	"	"
106	400	110m.	"	"	"	"
107	500	120	"	Grey	90% clay 10% silt 10% org	"
108	600	140	"	Brown	80% silt 10% clay 10% org	"
109	700	160	"	Rust Brn.	10% clay 10% org	"
110	800	170	"	"	"	"
111	900	"	"	"	"	"
112	1000	190	"	"	"	B "
113	1100	200	"	"	"	"
114	1200	"	"	"	"	"
115	1300	"	"	Grey Brown	"	"
116	0	240	"	Rust Brn.	"	"
117	100	240	"	"	"	"

116 at terminus of L500
junction at 980 m from

126 is 360 m W. of L-114
L500
turn-off

Sample #	Loc. (m)	Alt. (m)	Depth / Color	Text	Hor.
L-B2-118	200.	230	10cm / Rust Brown	80% silt 10% clay 10% org.	B.
119	300.	220	" / "	"	"
120	400	205	" / "	"	"
121	500	200.	" / "	"	"
122	600	180.	" / "	"	"
123	720.	160.	" / "	"	"
124	800.	150.	" / "	"	"
125	900.	130.	" / Brown	"	"
126	360	10m	" / Rust Brown	65% silt 10% clay 15% sand	B.

R. D. PENHALL LTD. MADE IN VANCOUVER, CANADA
DUKSBAK WATERPROOF

S. Goertz.

Aug. 26/82.

Louise Geochem.

L. H. Trau.

S.G. - Sampling.

D.H. - Geology.

Sample #	Loc (m)	A/H (m)	Depth / Color	Text	Hor.
L-B2-270		380.	200m / Rust BTn	70% silt 20% clay 10% org.	B.
-122	100.	"	" / Gray Brn	"	"
-129	200	390.	" / Rust Brn	80% silt 10% clay 10% org.	"
-130	300.	"	" / "	"	"
-131	400	"	" / "	"	"
-132	500	"	" / "	"	"
-133	600	"	" / "	70% clay 20% silt 10% org.	"
-134	700	410	" / "	80% silt 10% clay 10% org.	"
-135	800	"	" / "	80% clay 10% silt 10% org.	"
-136	900	"	" / "	"	"
-137	1000	"	" / Gray Brn	"	"
-138	1100	"	" / Rust Brn	80% silt 10% clay 10% org.	"
-139	1200	420.	" / "	"	"
-140	1300	410.	" / "	"	"
-141	1400	"	" / "	"	"

R. D. PENHALL LTD., MADE IN VANCOUVER, CANADA
DUKSBAK WATERPROOF

Sample	Loc. (m)	Alt. (m)	Depth / Cdr.	Text	Hor.
L-B2-110	1500	390	20cm / Rust Straw	80% silt 10% clay 10% r.v. sig	B,
113	1600	380	" / "	"	"
114	1700	360	" / "	"	"
145	1800	350	" / "	"	"
146	1900	340	" / "	"	"
147	2000	320	" / "	"	"
148	2100	300	" / "	"	"

Louise Geschem

Aug 27/82.

D.H. - Geology

S.G. - Sampling

LHOO Trav.

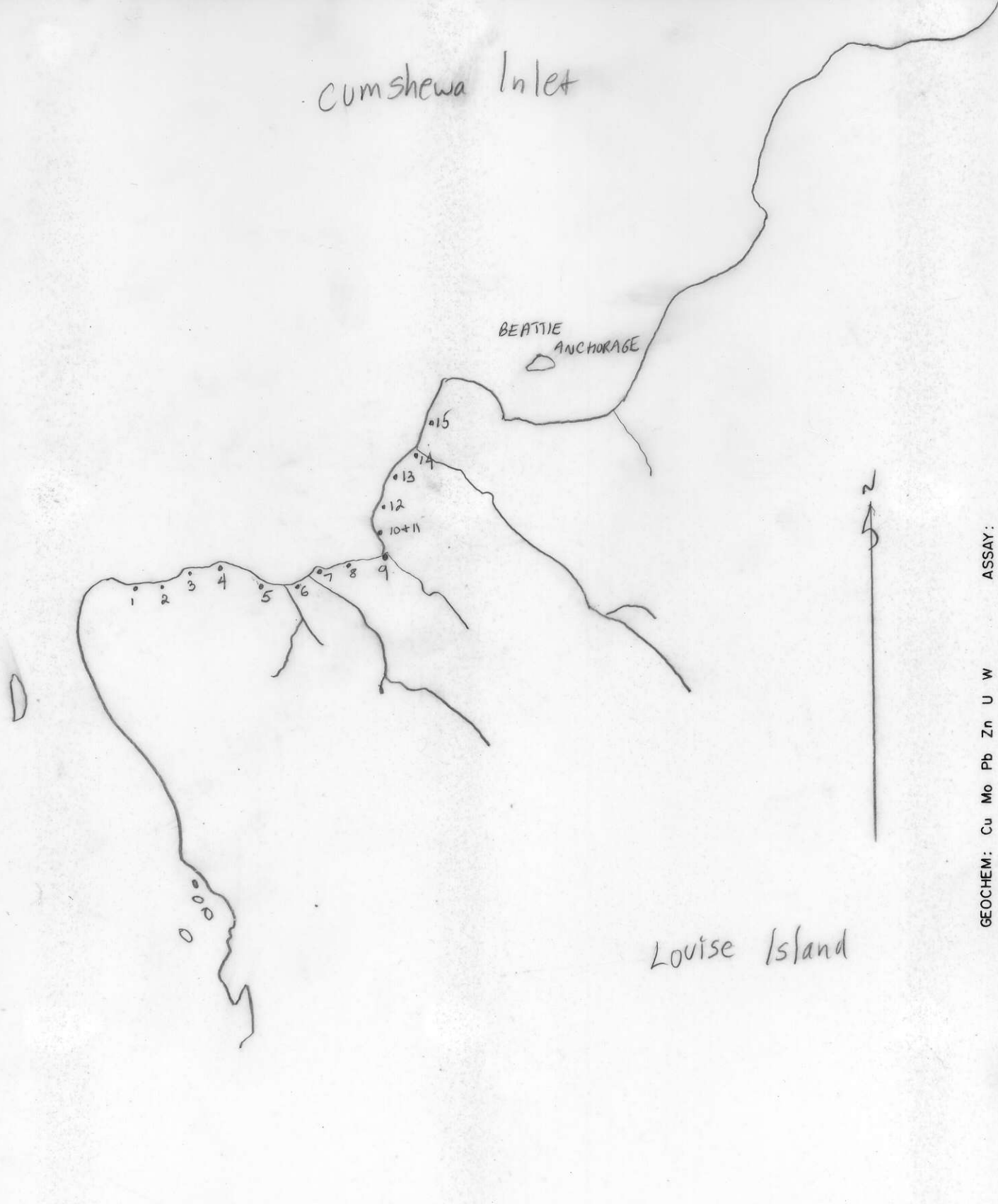
Sample	Loc (m)	Alt. (m)	Depth/Color	Text.	Hor.
L-32-148	0	280m	20cm/Red Brown	80% silt 10% clay 10% org	B.
-149	100	"	" / "	"	"
-150	200	"	" / Brown	80% silt 15% org	A.
-151	300	"	" / Red Brn	50% silt 80% clay 10% org	B.
-152	400	"	" / "	"	"
-153	500	270	" / Black	60% silt 40% org	A.
-154	600	"	" / "	"	"
-155	700	"	" / Grey Brn	30% clay 30% silt 10% org	Full.
-156	800	260	" / Red Brn	70% silt 20% clay 10% org	"
-157	900	"	" / Grey	"	"
-158	1000	270	" / Red Brown	80% silt 10% clay 10% org	B.
-159	1100	"	" / "	"	"
-160	1200	"	" / "	"	"
-161	1300	"	" / "	"	"
-162	1400	"	" / "	"	"

R. D. PENHALL LTD., MADE IN VANCOUVER, CANADA
DUKSBAR WATERPROOF

Sample #	Loc (m)	Alt. (m)	Depth / Core	Text.	Hr.
L-B2-163	1500	260	20cm / Rust Bran.	20% silt 10% clay 10% org.	B.
164	1600	"	" / "	"	"
165	1700	"	" / "	"	"
166	1800	"	" / "	"	"
167	1900	"	" / Green Bran.	80% clay	Till.
168	2000	250	" / Red Bran.	20% silt 20% clay 10% org.	"
169	2100	"	" / "	"	"
-170	2200	"	" / "	"	Till
-171	2300	"	" / "	"	B.
-172	2400	"	" / "	"	"
-173	2500	260	" / "	"	"
-174	2600	"	" / "	"	"
-175	2700	275	20cm / "	"	"

Project	MS12	NTS 103 B 12	Scale 1:20,000	Page 1 of 1	Traverse
Sampler	SG (SM)	Location, Target (words)		Sample Nos	L-82-1 to 15
Date	Aug 20 / 82	photo no.	BC 5092-206	Cert. Nos	

GOSSAN, MINERALS
 INTRUSIVE
 LIMESTONE DOLOMITE
 SHALE
 CHERT
 SANDSTONE SILTSTONE
 CONGLOMERATE
 VOLCANIC
 SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS
 SILT X SOIL ● ROCK ■ PAN △ WATER O
 DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED ——— INFERRED - - - ASSUMED.....

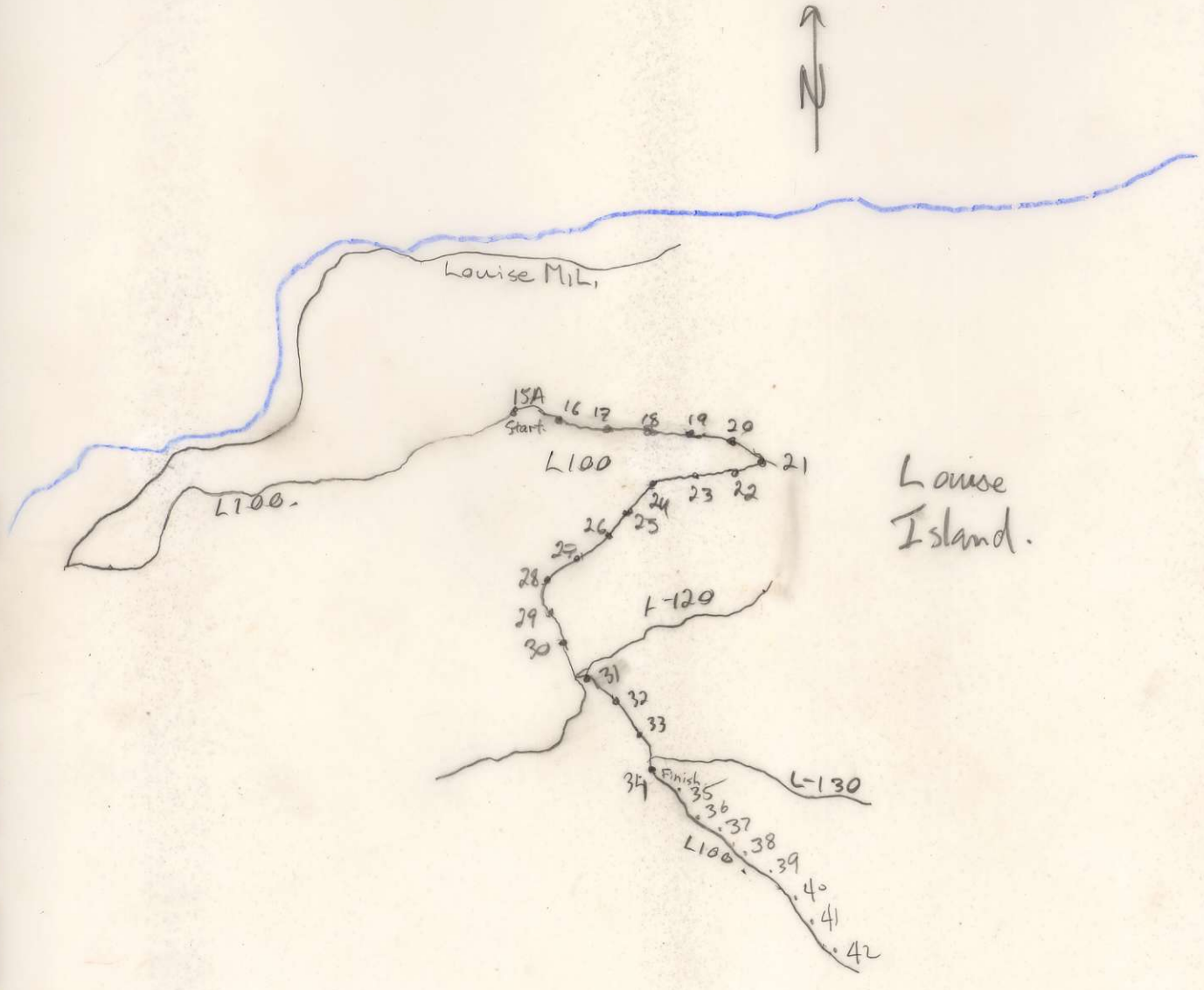


GEOCHEM: Cu Mo Pb Zn U W ASSAY:

Project M 512		Scale 1:20000	Page 1 of 1	Traverse
Sampler S. Goertz		Location/Target (words)		Sample Nos
Date Aug 21/82		photo no.		Cert. Nos
		L-B2-15A-42		

:YAS2A W U N B P M C :MEHCHEW

CHEVRON MINERALS DAILY TRAVERSE REPORT



DO NOT WRITE ON OTHER SIDE OR USE COLOURS

- MINERAL SLABS
- SPURTING
- TIFF X X
- DOLOMITE
- SOIL
- ROCK
- SHALE
- IRON
- WATER
- CHEST
- SPECIMEN SITE
- CONCRETE
- FLYASH
- TIFF
- STATION
- SPURTING
- TIFF
- COLOURS

BC11 6662-0-CM
ATTITUDES
100/40 N

Project M512	NTS 103B12	Scale 1:20000	Page 1 of 1	Traverse
Sampler S. Goertz	Location, Target (words)		Sample Nos	
Date Aug 22/82	photo no.		Cert. Nos	

- GOSSAN MINERALS
- INTRUSIVE
- LIMESTONE DOLOMITE
- SILT X SOIL
- ROCK
- SHALE
- CHERT
- VOLCANIC
- CONGLOMERATE
- SANDSTONE SILTSTONE
- DO NOT WRITE ON OTHER SIDE OR USE COLOURS
- SPECIMEN SITE A.B.:
- DO NOT WRITE ON OTHER SIDE OR USE COLOURS
- INFERRED
- ASSUMED

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



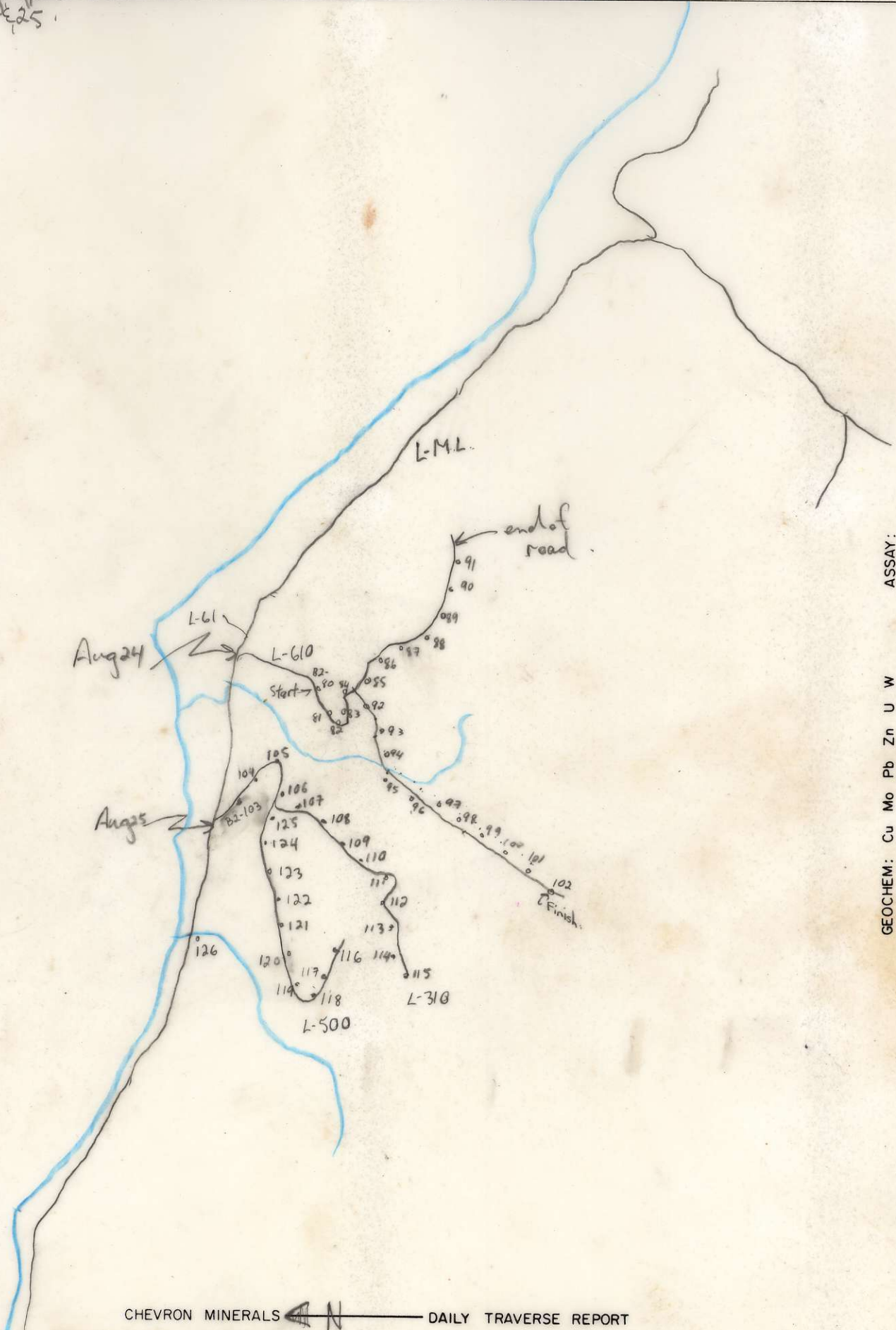
ASSAY: Cu Mo Pb Zn W

W.S. 02999 1138
ATTITUDES
100/40 N

Project M512	NTS 103B10	Scale 1:20000	Page 1 of 1	Traverse
Sampler S. Gaertz	Location, Target (words)		Sample Nos L-B2-80-9102; 103-26	
Date Aug 24/82 425	photo no.		Cert. Nos	

- GOSSAN, MINERALS
- INTRUSIVE
- LIMESTONE DOLOMITE
- SILT X SOIL
- ROCK
- SHALE
- CHERT
- VOLCANIC
- CONGLOMERATE
- SANDSTONE SILTSTONE
- Specimen site A.B.: DO NOT WRITE ON OTHER SIDE OR USE COLOURS

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



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

BC166962-a-CM
ATTITUDES
(100/40 N)

Project M504	NTS 103 B12.	Scale 1:20,000	Page 1	of 1	Traverse
Sampler S.Goertz	Location, Target (words)		Sample Nos	L-B2-127-148.	
Date Aug 26/82.	photo no. L-440 Trav.		Cert. Nos		



SANDSTONE
SILTSTONE



CONGLOMERATE



VOLCANIC



CHERT



SHALE



LIMESTONE
DOLOMITE



INTRUSIVE



GOSSAN,
MINERALS

SILT X SOIL ● ROCK ■ PAN △ WATER ○

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

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



GOSSAN, MINERALS [Symbol] INTRUSIVE [Symbol] LIMESTONE [Symbol] SHALE [Symbol] CHERT [Symbol] VOLCANIC [Symbol] CONGLOMERATE [Symbol] SANDSTONE [Symbol] SILTSTONE [Symbol]
 SILT X SOIL • ROCK ■ PAN Δ WATER O

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

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

Project	M-512	NTS	103 B12	Scale	1:20,000	Page	1 of 1	Traverse
Samplers	S. Goertz	Location, Target (words)	L400-440 Sect. towards of L-460	Photo no.		Sample Nos	L-82-148-175	
Date	Aug 27/82					Cert. Nos		

CHEVRON MINERALS — DAILY TRAVERSE REPORT



GEOCHEM: Cu Mo Pb Zn U W

ASSAY: