Aug 18.

841808
Sundum
104/F M-504

Traverse # 11
T. Zanga.
J. Armstrong-

Sundum Sheet.

CONTINUE

NEVILLE CROSBY INC. METRIC LEVEL

T22T1-90 (locate # 88)

Talus. Possible vein
Rusty weathering. Off
white to gray on fresh
surface.
Some black matrics
on narrow veins. up
to 10% pyrites. Some
yellow weathering. Solicified

Country rock - phillites
& white dykes (rhylite?)
Some areas rusty in
veins

T22T1-91 (locate # 89

Talus - Float. Rusty
weathering. Probably
vein. Vuggy quartz
gray quartz matricks
Galena or molly in trace.
Pyrite in pods.

T22T1-92 (locate # 90)

Outcrop - Vein. Brown weathering. White to gray on fresh surface. Quartz, 10% pyrite. Some pods massive pyrite. Trace moly.

NEVILLE CROSBY INC. METRIC LEVEL

TZ #11

Summary.

On traverse with Jim Armstrong. Best rock seen at biggining of traverse we were sidehilling along slope we crossed near beginning of traverse from philite into diorite Most rust areas defined as pyritic veins. We were too far down slope to see a lot of talus.

TRAV #42

AUGUST 18/82

AREA: REGIONAL N. OF THE BARRINGTON RIVER.

PARTNER: DOUG MADSON

WEATHER: SUNNY

MG2T1-625 o.c./talus [MG-A]

- light to dark grey phyllite, silicified
- dark grey bands, bedding?
- reddish brown rusty weathering
- ~1% pyrite, in narrow // banded (along bedding?)
- o.c./talus sample
- @ DM2T2-643

NEVILLE CROSBY INC.

MGZTI-626 talus [MG-B]

- silicified phyllite-metased
- veined c̄ qzt/chalcedony
- light grey-blue fresh
- rusty weathering
- pyrite in fractures & veinlets, also disseminated
- some bedding layers observed
- some manganese staining

[MG-D]

MGZTI-627 o.c. quite abundant

- Altered greenstone??
- some banding? (phyllite??)
- rusty weathering c̄ yellow staining
- pyrite ≈ 1% in blebs & stringers
- some weathered sulphides
- qzt veined
- skarnified

MG2T1-628 talus [MG-E]

- @ DMZT2-447
- qzt vein, fairly large crystals, somewhat prismatic & open spaces
- limonite staining
- < 1% pyrite in knobs
- up to 2% sphalerite/Galena splotchy in vein

MG2T1-629 talus [MG-F]

NEVILLE CROSBY INC.

MG2T1-630 o.c. [MG-G]

- cooked up phyllite ?
- qzt veining
- bright orange/purple/yellow weathering
- disseminated pyrite ≈ 1%
- blotchy pyrhotite ≈ 1%
- fresh surface med-blue-gray
- some bedding?? on outcrop ??
- 15 x 15 m rusty zone.

[MG-I] talus (hand spec)

- chalcedonized rock, looks good, not enough to sample.

MGZT 1-631 talus [MG-K]

- pyritic (≈1.5%) Fp-Bi-Hb diorite-gabbro
- ✓ silicious
- ~ 3% pyrite & pyrohite
- ✓. rusty weathering

NEVILLE CROSBY INC.

GEOCHEMISTRY DATA

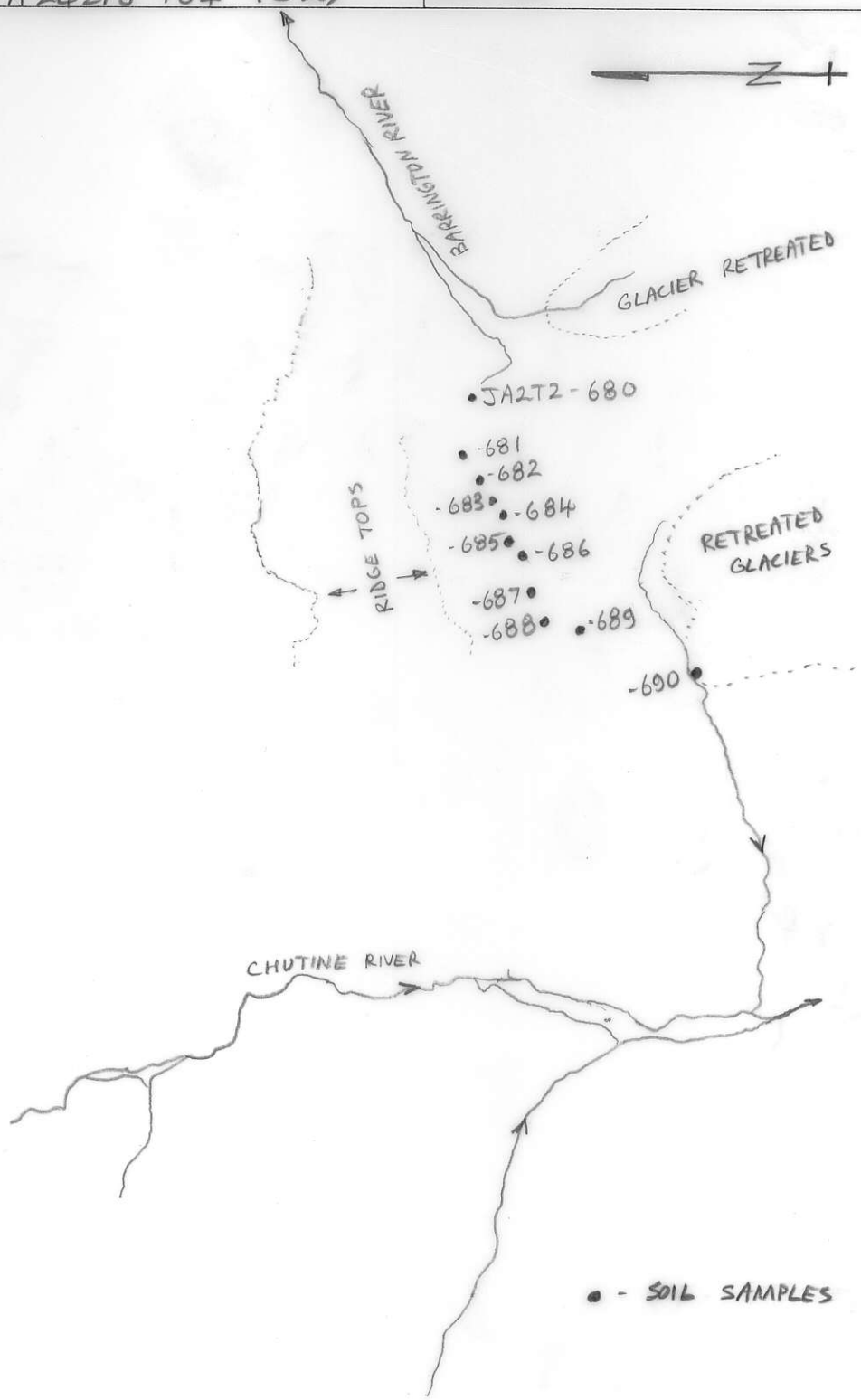
MAP: 104F

NAME: JIM ARMSTRONG DATE: AUG. 18/82 PROJECT: M504

PHOTO NO. A 24218 -184 (C-2) TRAVERSE NO: JA-29 AREA: BARRINGTON R.

SAMPLE NO.	GRID LOCATION	CLR	TEX	SLP	HRN	ORG	PHY	COMMENTS	ANALYTICAL RESULTS						
JA272-680		1	3	-	4	-	5	talus / moraine till.							
-681		1	2	-	3	<	5								
-682		1	3	-	3	-	5								
-683		1	2	-	3	-	5								
-684		1	2	-	3	-	5								
-685		1	2	-	2	1	5	meadow - alpine							
-686		1	2	-	2	1	5	" "							
-687		1	2	-	3	-	5								
-688		1	2	-	3	1	5	meadow alpine.							
-689		1	2	1	3	-	5	gulley side							
-690		1	3	-	4	-	5	small talus chute by creek							

Project M504	NTS 104 F	Scale 1:70 000	Page of	Traverse JA-29
Sampler JIM ARMSTRONG	Location, Target (words) BARRINGTON RIVER		Sample Nos JA2T2-680 - 690	
Date AUG. 18/82	photo no. A 24218 -184 (C-2)		Cert. Nos	



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

BCL 66626—CSW
ATTITUDES (∠100/40 N)
GOSSAN, MINERALS
INTRUSIVE
LIMESTONE DOLOMITE
SHALE
CHERT
VOLCANIC
CONGLOMERATE
SANDSTONE SILTSTONE
SILT X SOIL ● ROCK ■ PAN △ 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-504	NTS 104F	Scale 1:	Page 1 of 1	Traverse #42
Sampler M. GRAY	Location, Target (words) N. OF BARRINGTON RIVER		Sample Nos MG2T1-625 → MG2T1-631	
Date 18 AUG 82	photo no. A23874-189 (C-1)		Cert. Nos —	

SUNDUM SHEET

ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

BC116662a—CSM

ATTITUDES (~100/40 N)

SANDSTONE SILTSTONE CONGLOMERATE VOLCANIC

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

INTRUSIVE LIMESTONE DOLOMITE SHALE CHERT

SILT X SOIL ● ROCK ■ PAN △ WATER O

GOSSAN, MINERALS

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

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

TRAVERSE #42 SUMMARY

18 AUGUST 1982

AREA: REGIONAL N OF BARRINGTON RIVER
PARTNER: DOUG MADSON
WEATHER: SUNNY

WORK: - REGIONAL TRAVERSE ACROSS RUSTY CLIFFS, PHYLLITES & GREENSTONES MAINLY.
- MG ROCKS, DM-SOILS
- EXTENSIVELY QZT VEINED AVE .3m wide BLITZING THRU THE CLIFFS.
- VERY PYRITIC ROCKS THROUGHOUT TRAVERSE.

TOTAL SAMPLES: 7 ROCK CHIP SAMPLES

DM-41:

Regional Trav. north of Barrington River.

GEOCHEMISTRY DATA

MAP: 104F

NAME: Doug Madsen DATE: Aug. 18/82 PROJECT: M504

PHOTO NO. A23874-189 (C-1) TRAVERSE NO: DM-41 AREA: Barrington R.

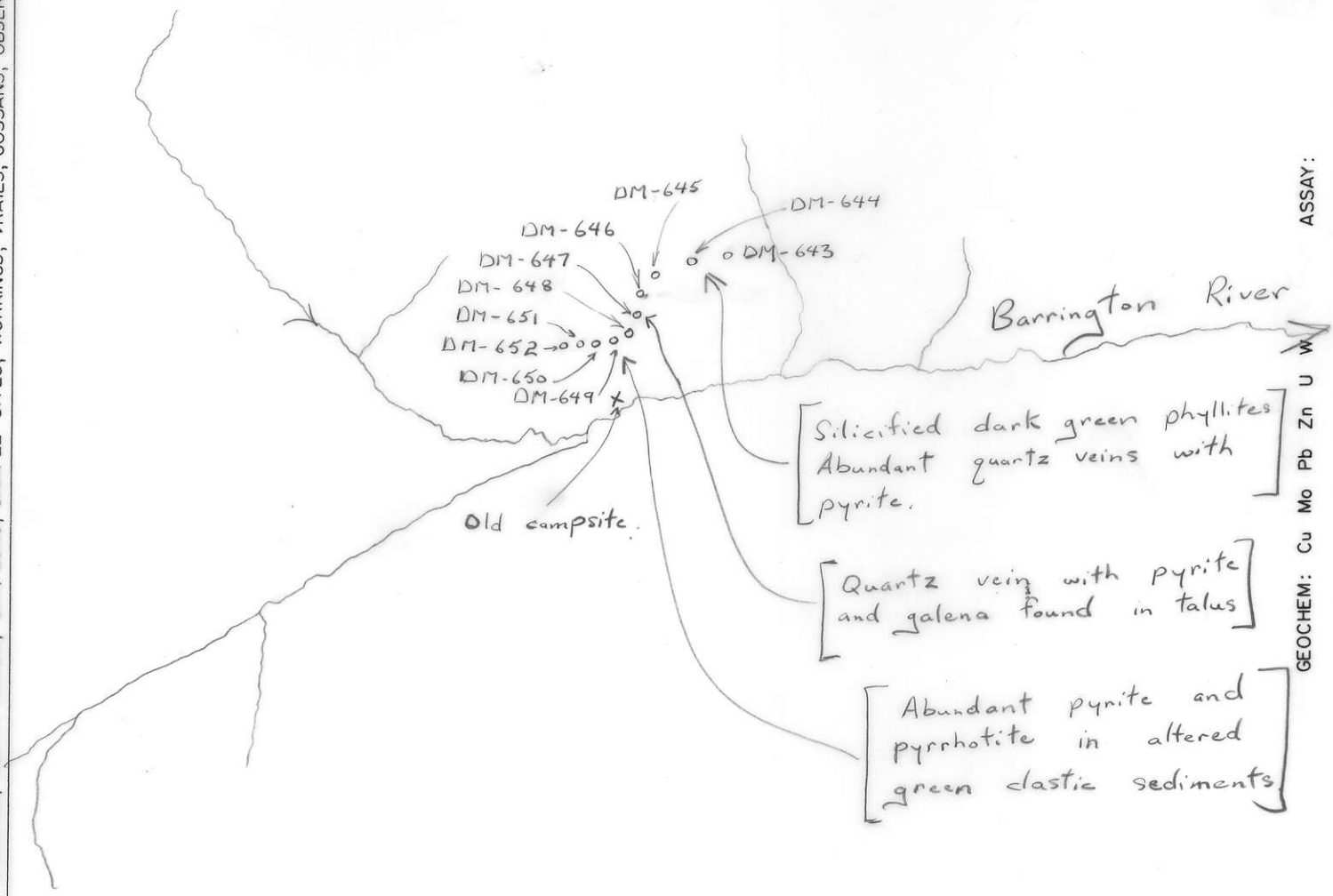
SAMPLE NO.	GRID LOCATION	CLR	TEX	SLP	HRN	ORG	PHY	COMMENTS	ANALYTICAL RESULTS
DM2T2-643		1	2	-	4	-	5	Below rusty o/c.	
-644		1	2	-	3	-	5	Below outcrop.	
-645		1	3	-	4	-	5	" "	
-646		1	2	-	4	-	5	Below rust br. o/c.	
-647		1	2	-	4	-	5	" " " "	
								At rock sample MG2T1-E (quartz galena talus)	
-648		1	2	-	4	-	5	Below rusty br. o/c	
-649		1	3	-	4	-	5	" " " "	
-650		1	2	-	4	-	5	" " " "	
-651		1	2	-	4	-	5	Talus shoot.	
-652		1	3	-	4	-	5	Below outcrop.	

Project M504	NTS 104 F	Scale High Level photos	Page 1 of 1	Traverse DM-41
Sampler Doug Madsen	Location, Target (words) Regional north of Barrington R.		Sample Nos DM2T2 #643 → 652	
Date Aug. 18/82	photo no. A23874-189 (C-1)		Cert. Nos	

Regional Trav north of Barrington River:

Soil samples - o

Rock samples - see Mike Gray's notes.



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

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

SILT X SOIL ● ROCK ■ PAN △ WATER O

ATTITUDES (∠100/40 N)

BCL 66628—CSM

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

DM-41

Aug. 18/82 Regional Trav. north of Barrington R. Doug Madsen Mike Gray.

Mike and I did a side hill traverse along and below the cliffs just north of Barrington River near its head waters. I soil sampled at convenient intervals at least every 300 metres. Mike took rock samples.

Summary: Country rock varied from dark green phyllites to mainly dark green fine-grained bedded clastic sediments.

Evidence of silicification and other alteration was abundant. Many outcrops weathered rusty brown as well as shades of yellow, green and orange. Pyrite and pyrrhotite was abundant in these altered sediments. Quartz veining was abundant, and one sample of float (sampled by Mike Gray) contained up to 5% galena and pyrite.

Soil samples - 10.

Project M-504	NTS 104-F	Scale ~1:30,000	Page of	Traverse #11
Sampler T. Zanger	Location, Target (words) Sundum Sheet		Sample Nos	
Date Aug 18	photo no. A 24218-184		Cert. Nos T22T1-90,91,92	

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE | ATTITUDES (100/40 N)

SILT X SOIL ● ROCK ■ PAN △ WATER O

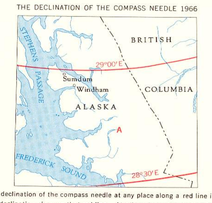
SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

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

BCL 66620-CSM

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

THE DECLINATION OF THE COMPASS NEEDLE 1966



The declination of the compass needle at any place along a red line is the declination given on that red line. At other places the declination is between those given on the neighbouring red lines; thus at the place marked **A**, the declination is between 28°30'E and 29°00'E. The declination of the compass needle is increasing 3.8 minutes annually.

Copies may be obtained from the Map Distribution Office, Dept. of Mines and Technical Surveys, Ottawa.

Figures in red denote approximate distances in miles between stars.

POPULATED PLACES
- Over 500,000 — BOSTON
- 100,000 to 500,000 — RICHMOND
- 25,000 to 100,000 — EVANSTON
- 5,000 to 25,000 — Hialeah
- 1,000 to 5,000 — Bar Harbor
- Less than 1,000 — Fishkill

RAILROADS (Single track / Double or Multiple)
- Standard gauge
- Narrow gauge

BOUNDARIES
- International
- State; Province
- County; District
- Park or reservation

Horizontal control point
Spot elevation in feet — 221

Landplane airport
Landing area
Seaplane airport
Seaplane anchorage
Power line

SUMDUM

CANADA - UNITED STATES

Scale 1:250,000

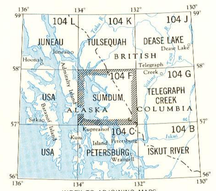
Miles 5 0 5 10 15 20 Miles

Kilometres 5 0 5 10 15 20 25 30 Kilometres

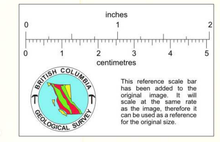
Prepared by the Army Map Service (AM), Corps of Engineers, U.S. Army, Washington, D.C. Copied in 1955 from Alaska, 1:250,000, USGS, Sumdum, 1952. Original map compiled by U.S. Geological Survey from original surveys by IBC 1907-1909, USGS 1923, USGS 1940, USC & GS 1950, and Department of Mines and Technical Surveys of Canada 1951, supplemented in part by photogrammetric compilation, 1950. Hydrography compiled from USC & GS Charts 8201, 8202, 8210, 8218, 8224 and 8227. Horizontal and vertical control by USGS, USC & GS and IBC.
No vegetation information available.
Produced and printed by the Army Survey Establishment, R.C.E. 1966.

Contour Interval 500 feet in Canada
Contour Intervals 200, 250 and 1000 feet in USA
Transverse Mercator Projection
North American Datum 1927
Elevations in feet above Mean Sea Level
Depth curves in feet - Datum is Mean Lower Low Water
Shoreline shown represents the approximate line of Mean High Water

ROADS
- Hard surface, heavy duty — 3 LANES | 4 LANES
  - More than two lanes wide
  - Two lanes wide; Federal route marker — 99
- Hard surface, medium duty — 3 LANES | 4 LANES
  - More than two lanes wide
  - Two lanes wide; State route marker — 16
- Improved light duty
- Unimproved dirt
- Trail
- Landmarks: School; Church; Other
- Depth curve in feet
- Limit of danger; Reef
- Rocks: Awash; Sunken
- Foreshore flat
- Intermittent or dry stream
- Marsh or swamp — Mud



INDEX TO ADJOINING MAPS



This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

SUMDUM
104 F
EDITION 1

AMS NO 8-9
SERIES Q 501