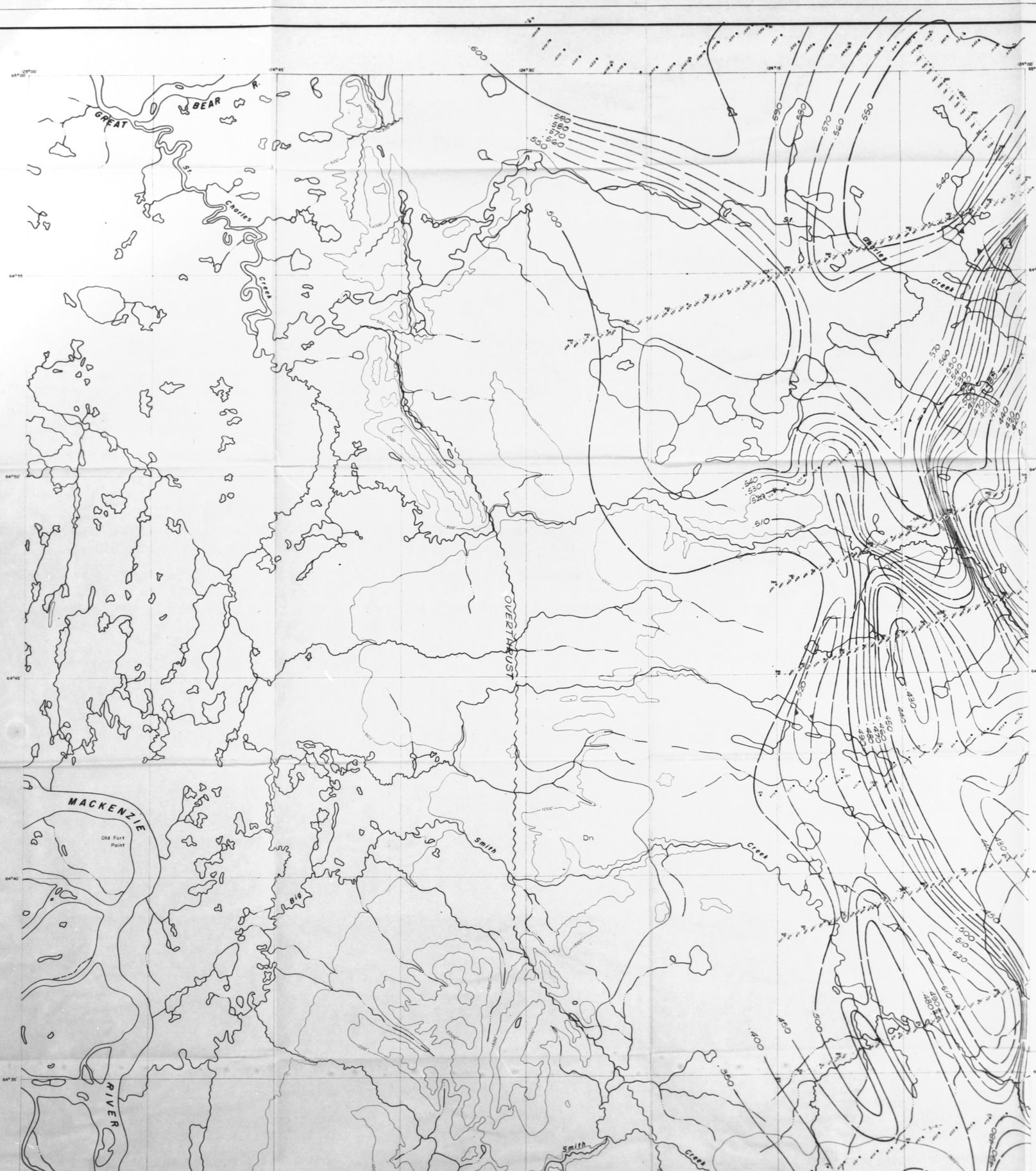
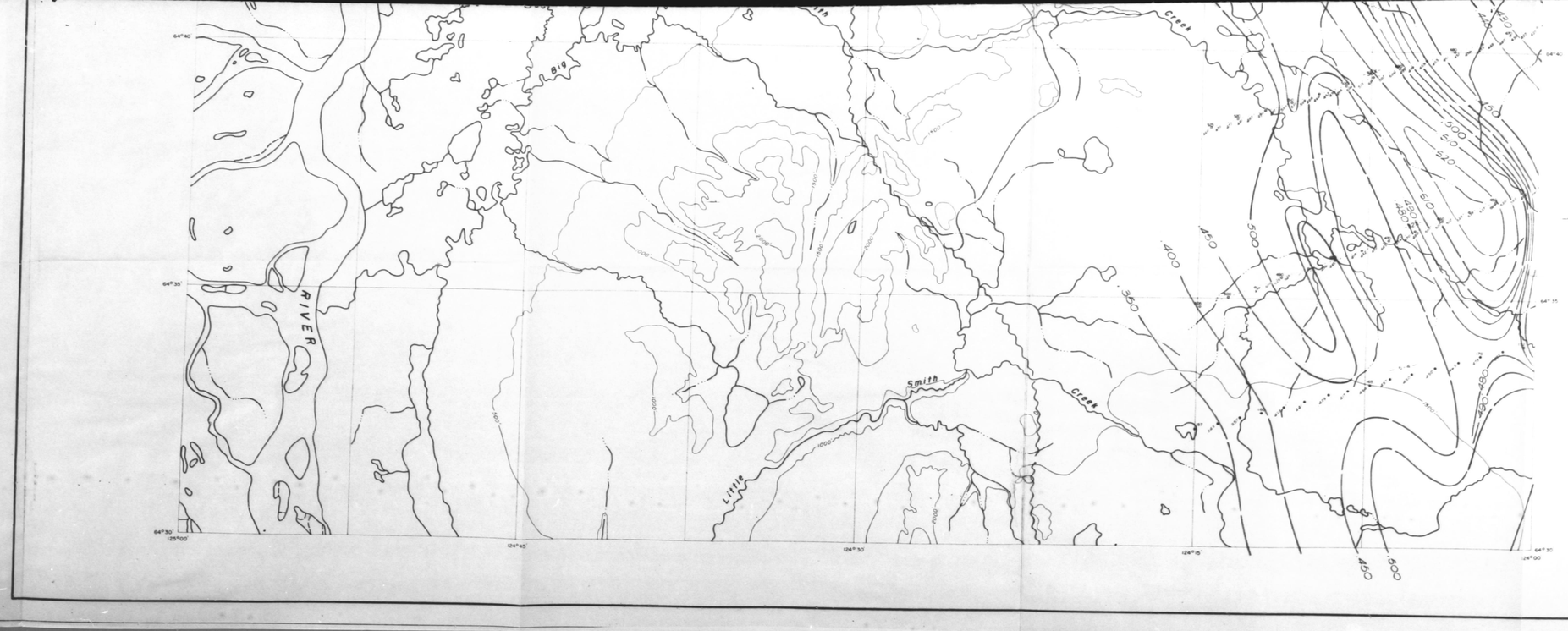


1 OF 2

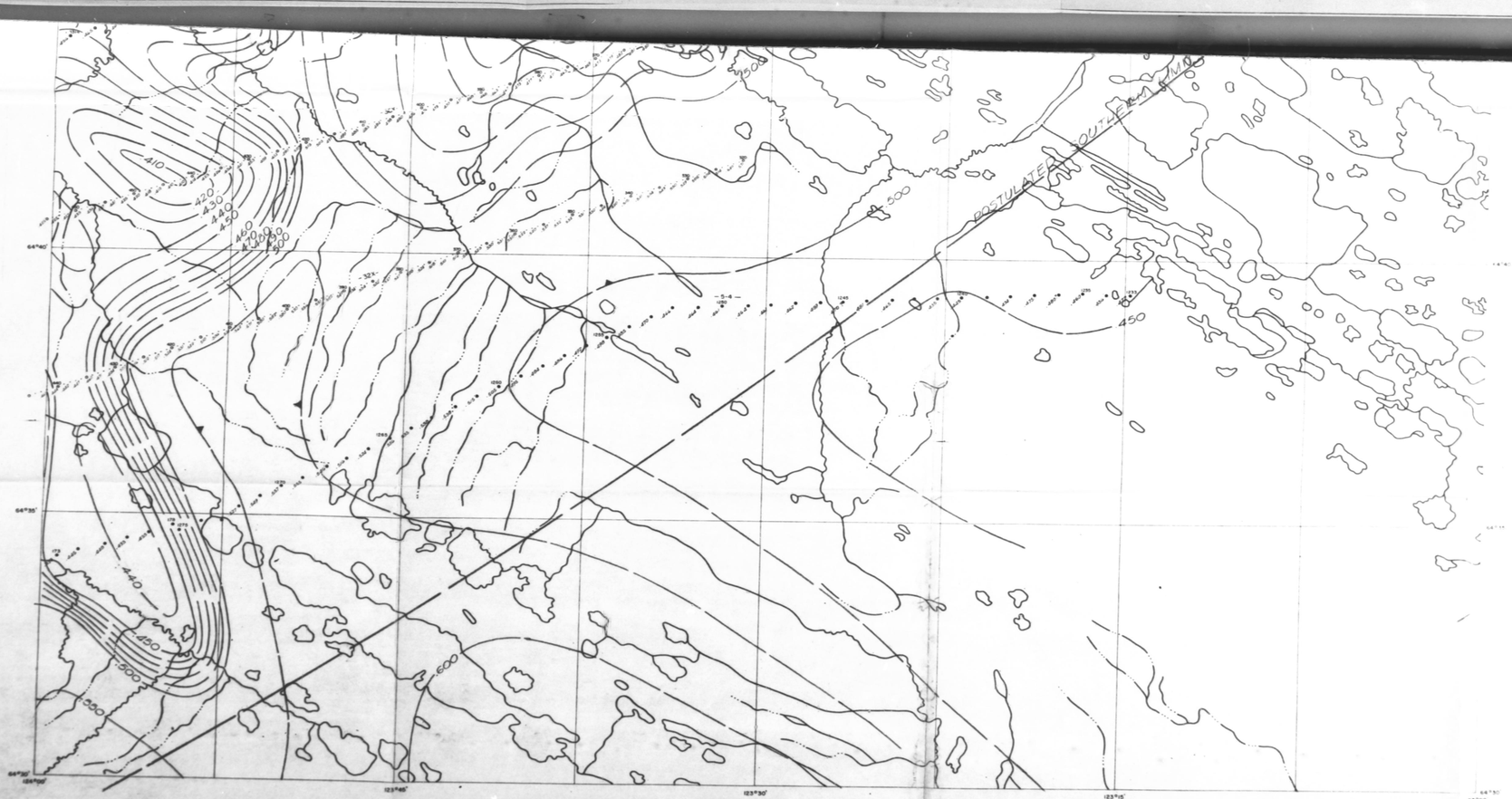
NOTE FOR INDEX MAP SEE Y-6797-E-1



NOTE FOR INDEX MAP SEE F-6797-E-1

REVISIONS	CHEVRON STANDARD LIMITED			
	96-C-NE OLD FORT POINT AREA TIME SEISMIC CONTOURS ON LANDRY Ex = 1200' Vr = 10,000'/sec Vi = Computed BY T. WEBB			
	C.I. = .010 sec.			JUNE 1970
	SCALE	DATE	DRAWN	F-9722A-3
	1 INCH = 1 MILE	JUNE 1964	R. L. S.	

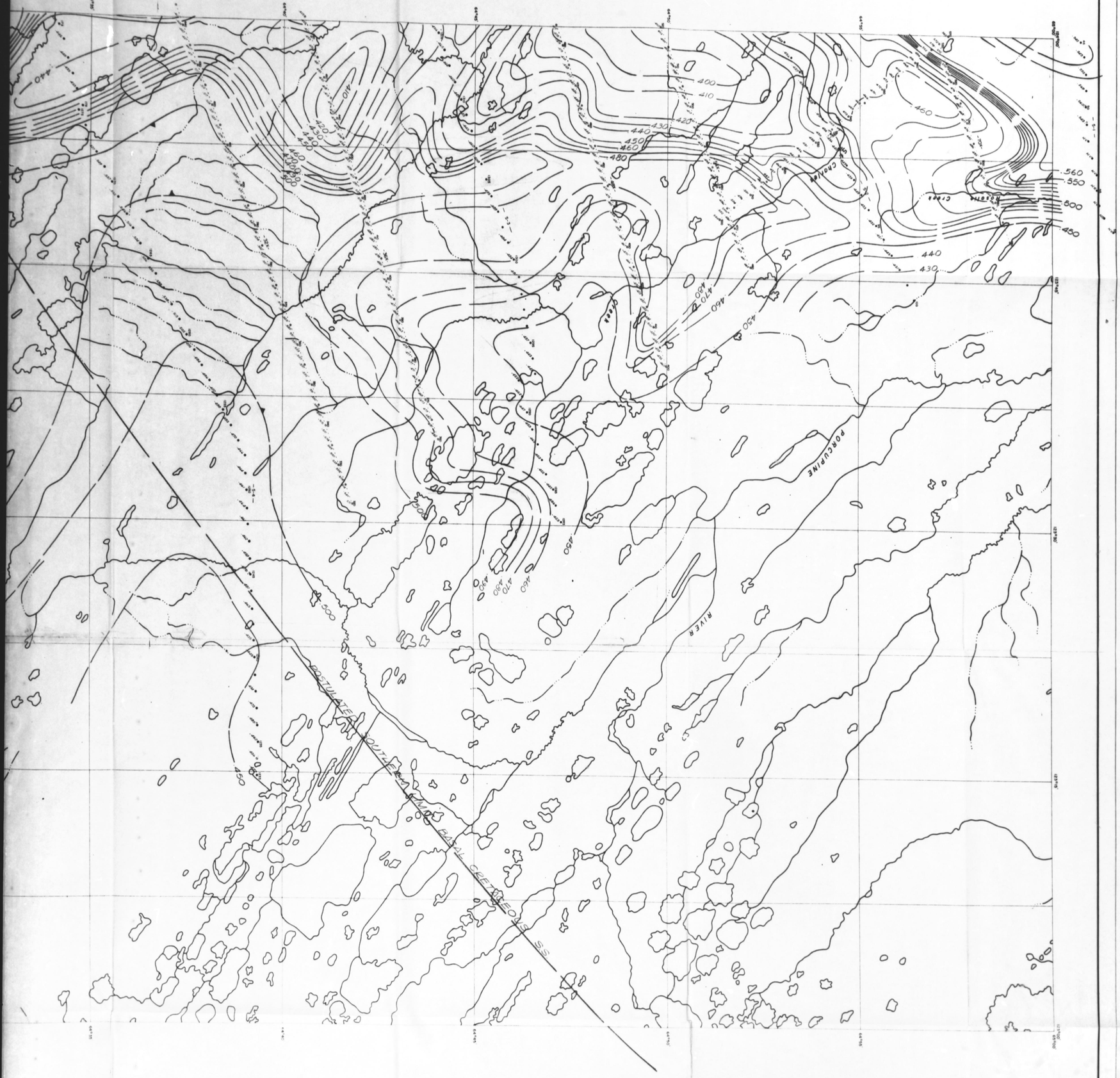
12 of 2



NOTE FOR INDEX MAP SEE F-6797-E

REVISIONS	CHEVRON STANDARD LIMITED			
	96-B-NW ST. CHARLES CREEK AREA TIME SEISMIC CONTOURS ON LANDRY Ex = 1200' Vr = 10,000'/sec Vi = Computed BY T. WEBB			
	C.I. = .020 sec.			MAY 1970
	SCALE	DATE	DRAWN	F-12,156-3
	1 INCH = 1 MILE	NOV. 1969	R. L. S.	

12 of 2


POSTULATED OUTLINE OF BASAL GEOTHEOLIS SS
PORCUPINE
RIVER
CHAMBERLAIN
CREEK
CREEK
400
410
420
430
440
450
460
470
480
500
510
520
530
540
550
560
570
580
590
600

1 of 2

CONFIDENTIAL

Final Report on Seismic Survey
Conducted By Chevron Standard Limited
Feb.-Apr. 1970 - Blackwater Area
Group 265 Govt. Project 45-6-5-70-1

CONFIDENTIAL

Area: Blackwater - N.W.T.

Government Project: 45-6-5-70-1

Group: 265

Final Report on Seismic Survey Conducted By:

Chevron Standard Limited

February - April 1970

Maps in the attached folder

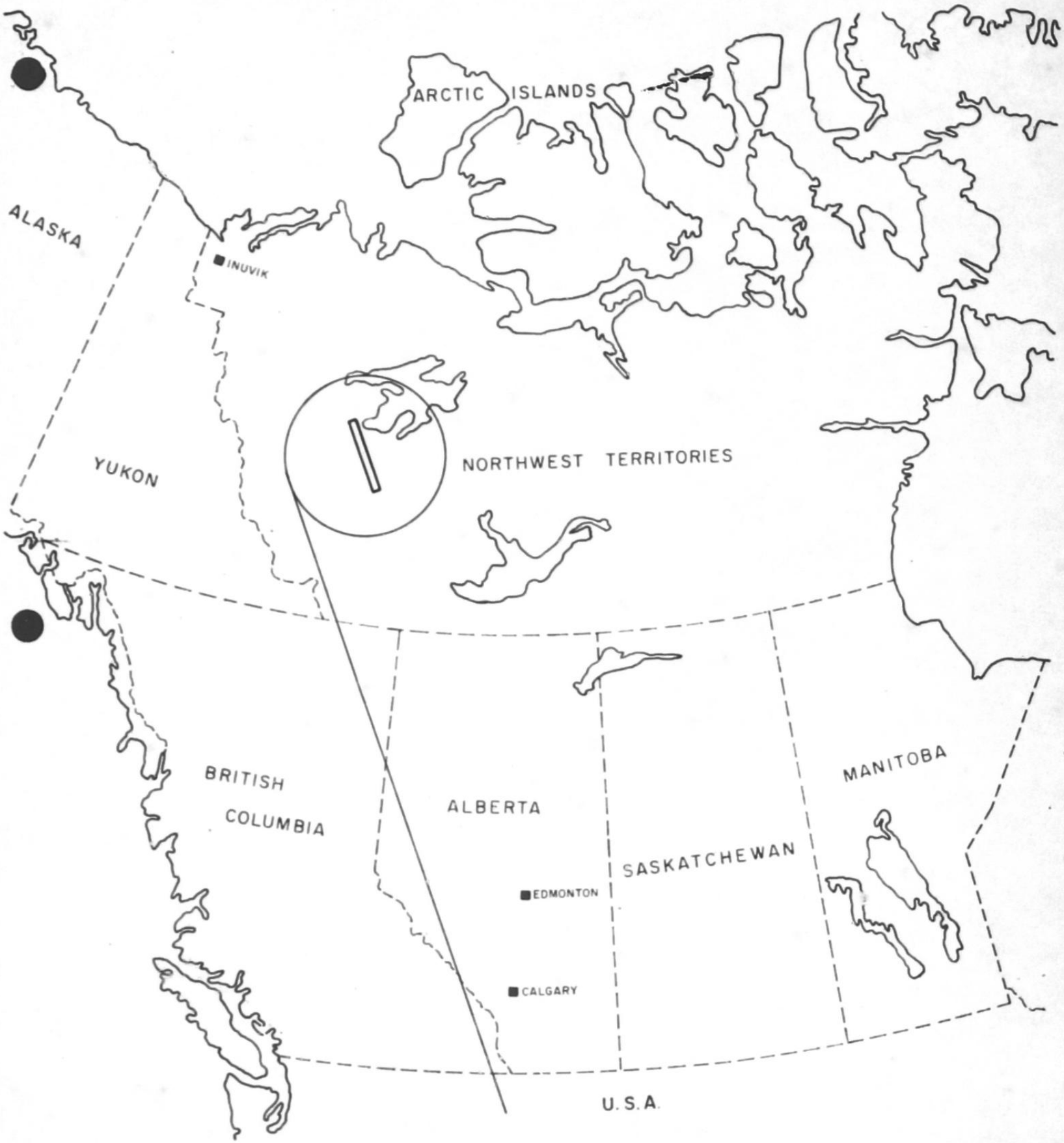
Author: T. Webb

Wm J McCormack

W. J. McCormack - 1970
District Geophysicist

OIL & GAS OPERATIONS UNIT
Ottawa Mineral Division
NOV 5 1970
OTTAWA, CANADA
Dept. of Indian Affairs & Northern Development

Contractor:	Teledyne Exploration Limited
Government Project:	45-6-5-70-1
Group:	265
Area:	Blackwater - N.W.T.
Maps:	Old Fort Point Area - Time structure on the Landry
	Old Fort Point Area - S.P. location and surface elevation
	St. Charles Creek Area - Time structure on the Landry
	St. Charles Creek Area - S.P. location and surface elevations



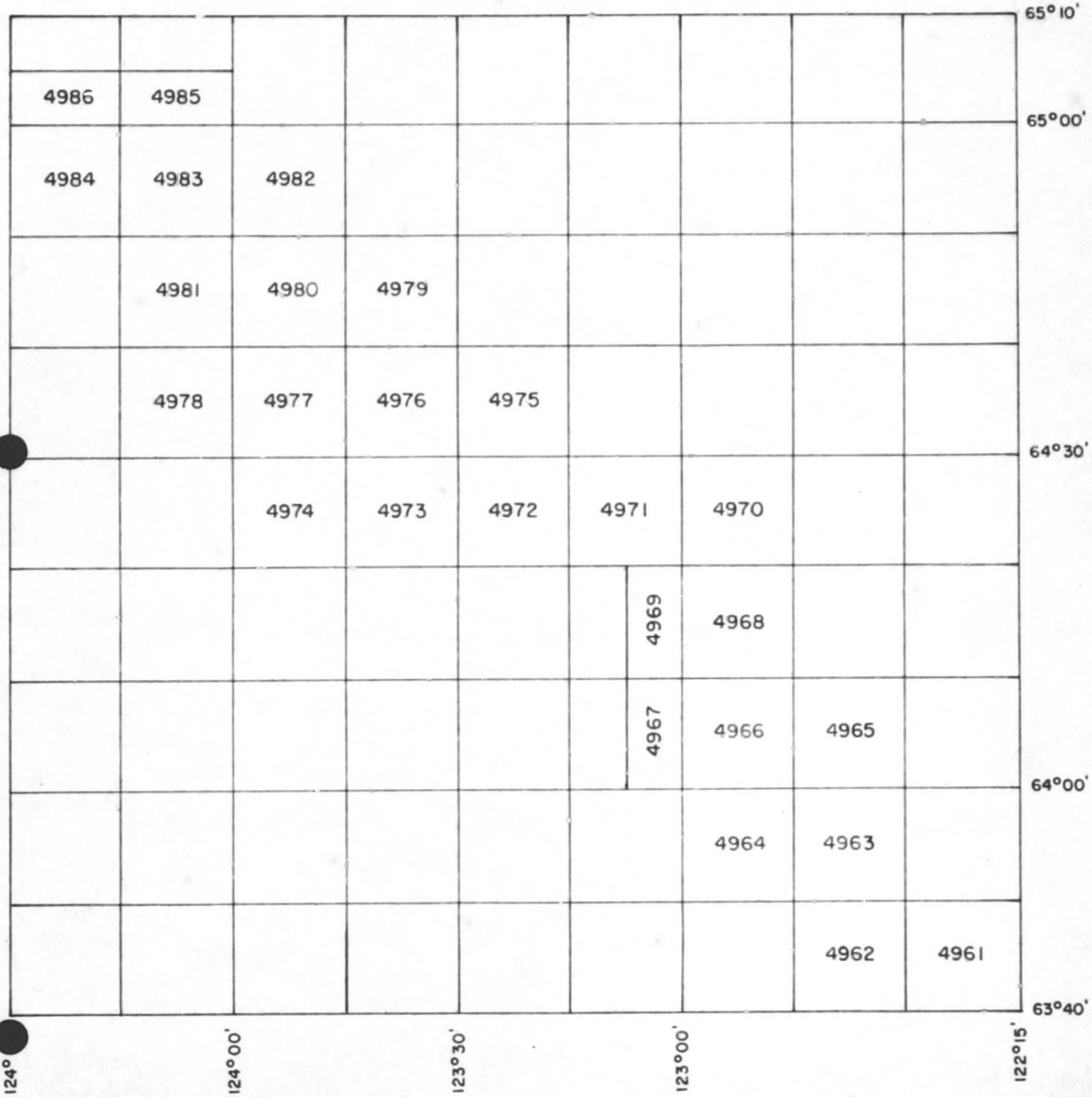
BLACKWATER PERMITS

0 250 500 750 1000
MILES

BLACKWATER

PERMITS

GROUP 265



GEOPHYSICAL DATA FOR SEISMIC SURVEY

LOCATION

Area and Province	Blackwater - N.W.T.
Longitude and Latitude	64° 30' to 65° 00' and 123° 15' to 124° 15'
Permit Numbers and Government Project Number	45-6-5-70-1 (Govt. Project No.)

TYPE OF SURVEY

Analog or Digital	Digital
Type of Source	Dynamite

FIELD RECORDING EQUIPMENT

Seismometer Model	Mark L-2
Seismometer Frequency	14 N
Seismometer Damping	.6 Critical
Seismometer Base	Winter 3" Flat
Amplifier Model	SDS - 1010 (Preston)
Camera Model	SIE VRO-6
Type of Magnetic Tape	Potter 9 Track Ft 151 (Transport) Dalcan Tape
Digital System Model and Number	SDS-1010
Land Survey Instrument and Method	CUTM Grid System Theodolite T1-A - Lats & Deps
Cables	Mark - 220' Int

FIELD PROCEDURE AND OPERATIONS

<u>Refraction</u> Inline or Broadside	
<u>Reflection</u> % of Subsurface Coverage	400%

Spread Configuration

Number Groups Recorded	24
Group Interval	220'
Number Seismometers/Group	9
Seismometer Interval	15'
Array Pattern	Inline

Source Configuration

Number of Holes and Depth	1 @ 45'
Spacing	--
Pattern	--
Inline or Offset to Spread	Inline
Charge Size and Type	5# Dupont

Transportation

Type of Vehicles	Wheel
Fixed Wing Aircraft	Chevron Standard Turbo Beaver
Helicopter Support	--

Terrain Conditions

General Terrain Description	Flat - Muskeg, sparse tree cover

RECORDING FACTORS

Monitor Record

Filter	10-Out
AVC	
Gain	Binary

Magnetic Tape

Filter	10-Out
AVC	
Gain	Binary

Field Playbacks

Filter	N/A
AVC	N/A
Gain	N/A
Mixing	N/A

PERSONNEL

Field	Gene Wice - Party Manager
Office	George Squire - Supervisor
Titleholders	Chevron Standard Limited
Individual Responsibility	W. J. McCormack
Contractors	Kenaston Drilling
	Bain Bros. Cats.
	Dietz Trucking
	Sando Drilling

OFFICE TECHNIQUES

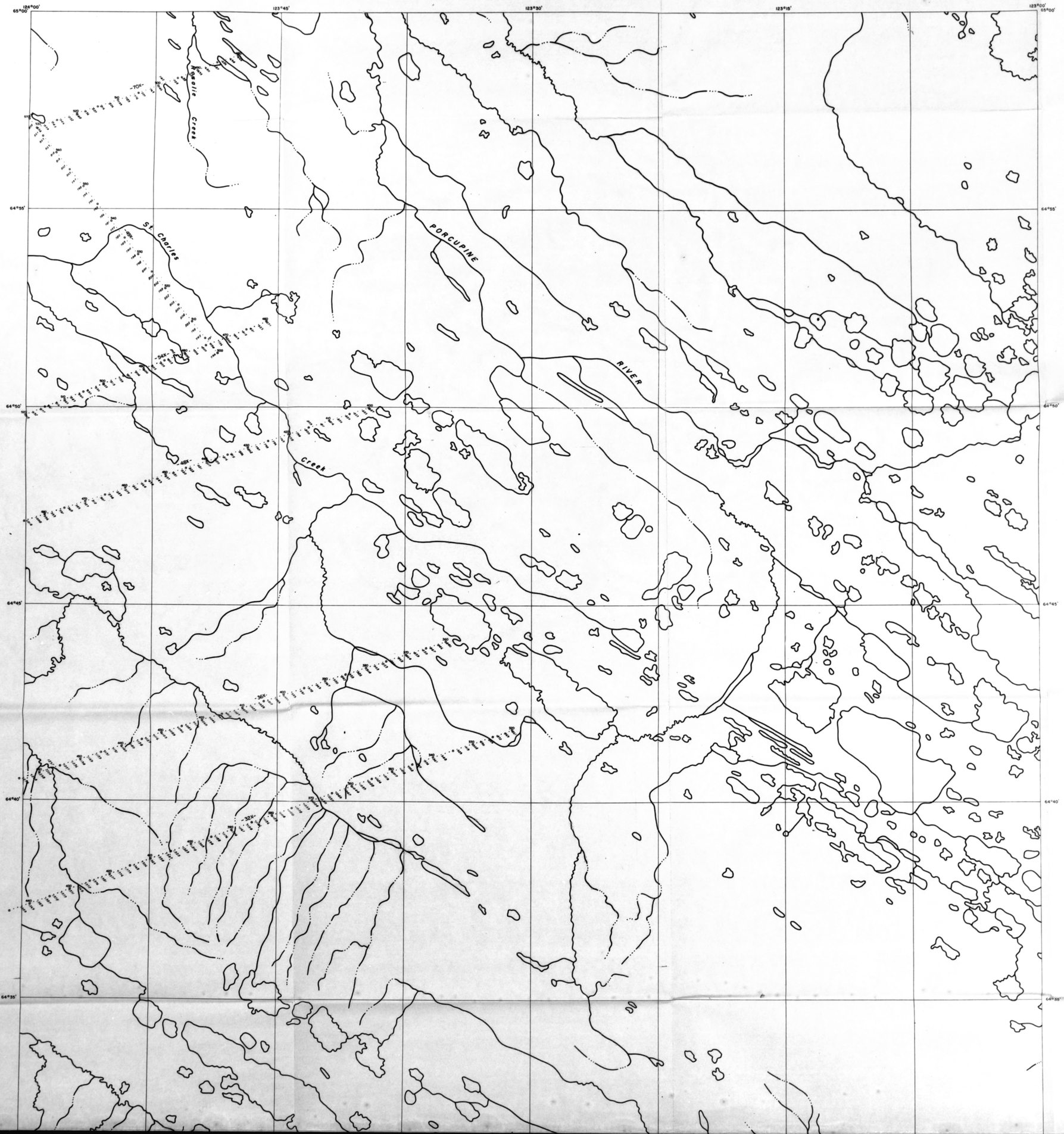
Datum Computation	Yes
Weathering Sections	No

Record Sections	Yes
Type of Display	C.D.P.S.
Maps	In attached folder

STATISTICS SUMMARY

Number of Working Days	25
Number of Profiles	
Reflection	880
Refraction	--
Total Production	880
Miles of Surface Coverage	110 miles
Miles of Subsurface Coverage	109 miles
Number of Shot Holes Drilled	880
Total Footage Drilled	39,600'

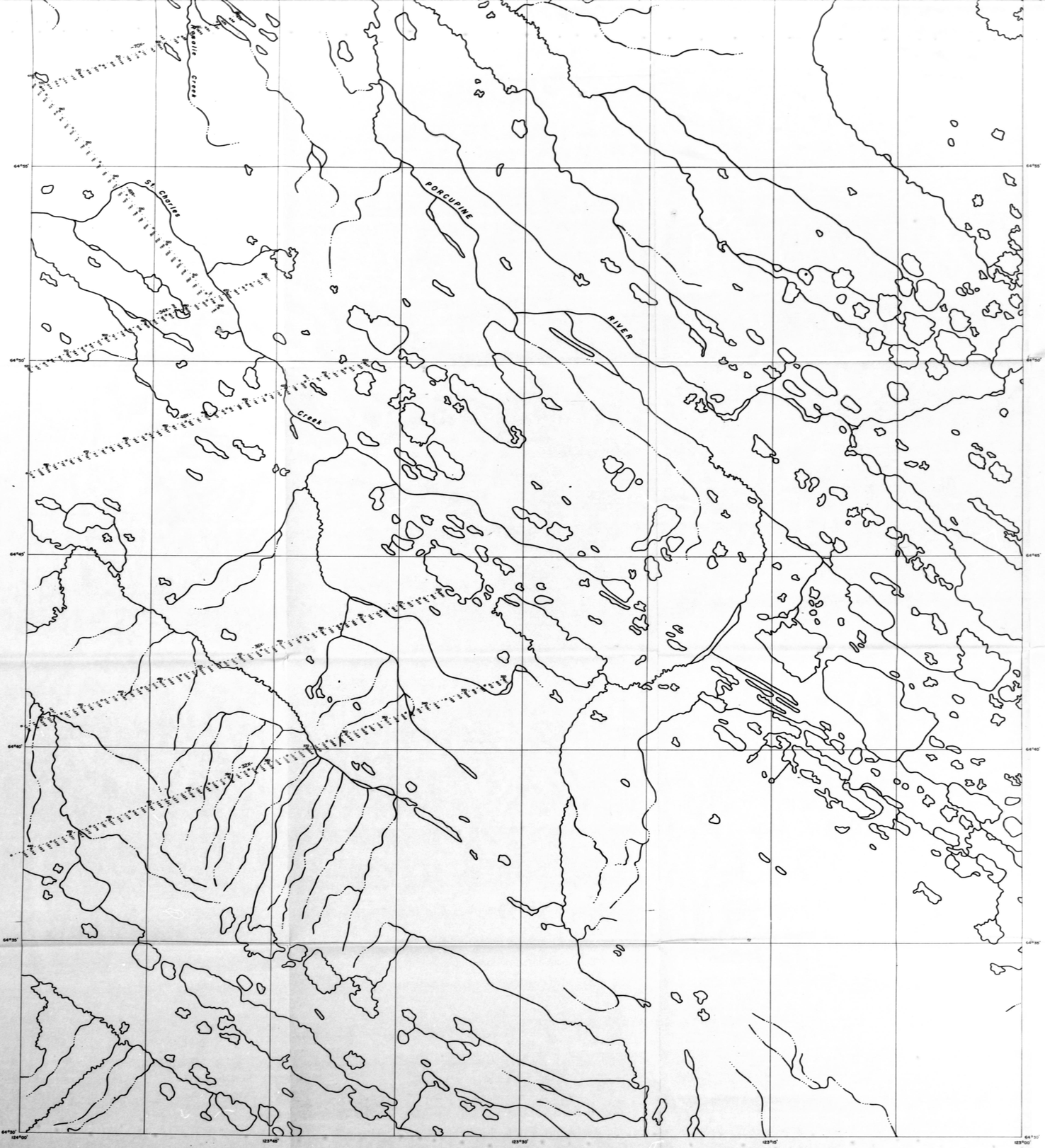
TRANSMITTAL OF RECORDED DATA



1 OF 2

NOTE: FOR INDEX MAP SEE F-6797-E-1

REVISIONS	CHEVRON STANDARD LIMITED

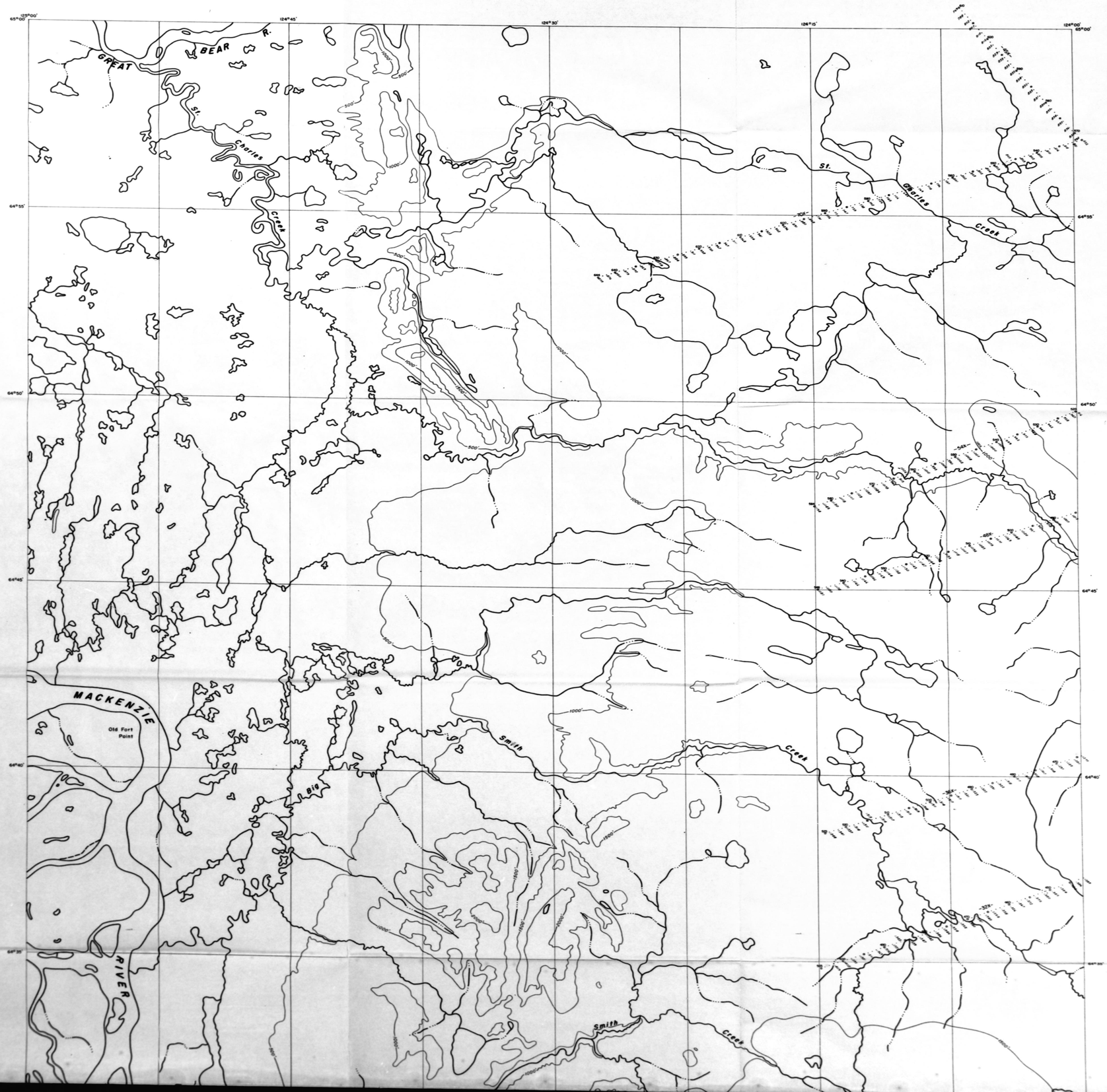


NOTE FOR INDEX MAP SEE F-6797-E-1

2 of 2

REVISIONS	CHEVRON STANDARD LIMITED
	96-B-NW ST. CHARLES CREEK AREA SURFACE ELEVATIONS

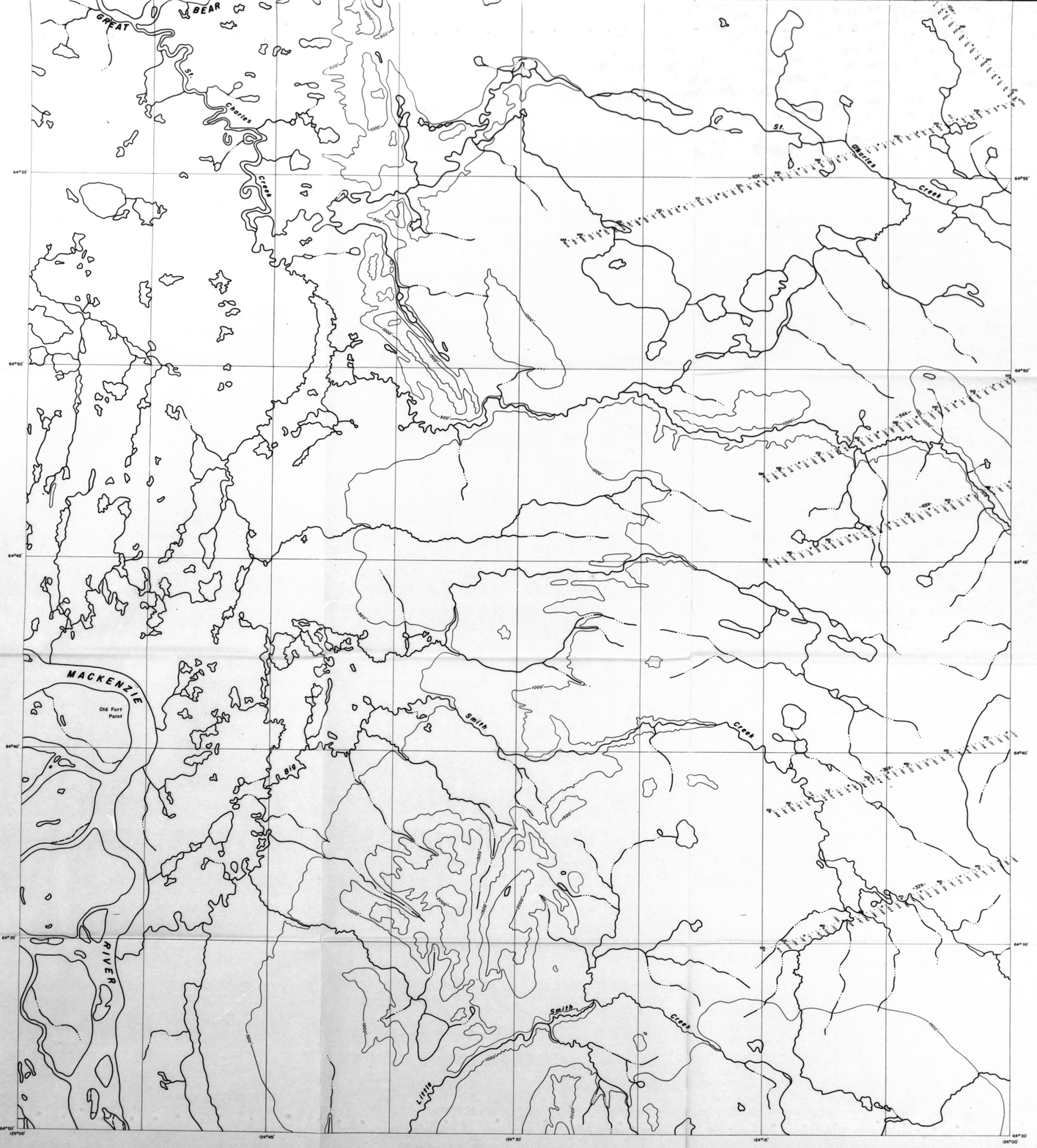
SCALE	DATE	DRAWN	
1 INCH = 1 MILE	NOV. 1969	N. L. S.	F-12,156-4



11 OF 2

NOTE: FOR INDEX MAP SEE Y-6787-E-1

REVISIONS	CHEVRON STANDARD LIMITED
	96-C-NE



NOTE: FOR INDEX MAP SEE F-6797-E-1

2 of 2

REVISIONS	CHEVRON STANDARD LIMITED
	96-C-NE OLD FORT POINT AREA SURFACE ELEVATIONS

SCALE	DATE	DRAWN	
1 INCH = 1 MILE	JUNE 1964	R. L. S.	F-9722A-4