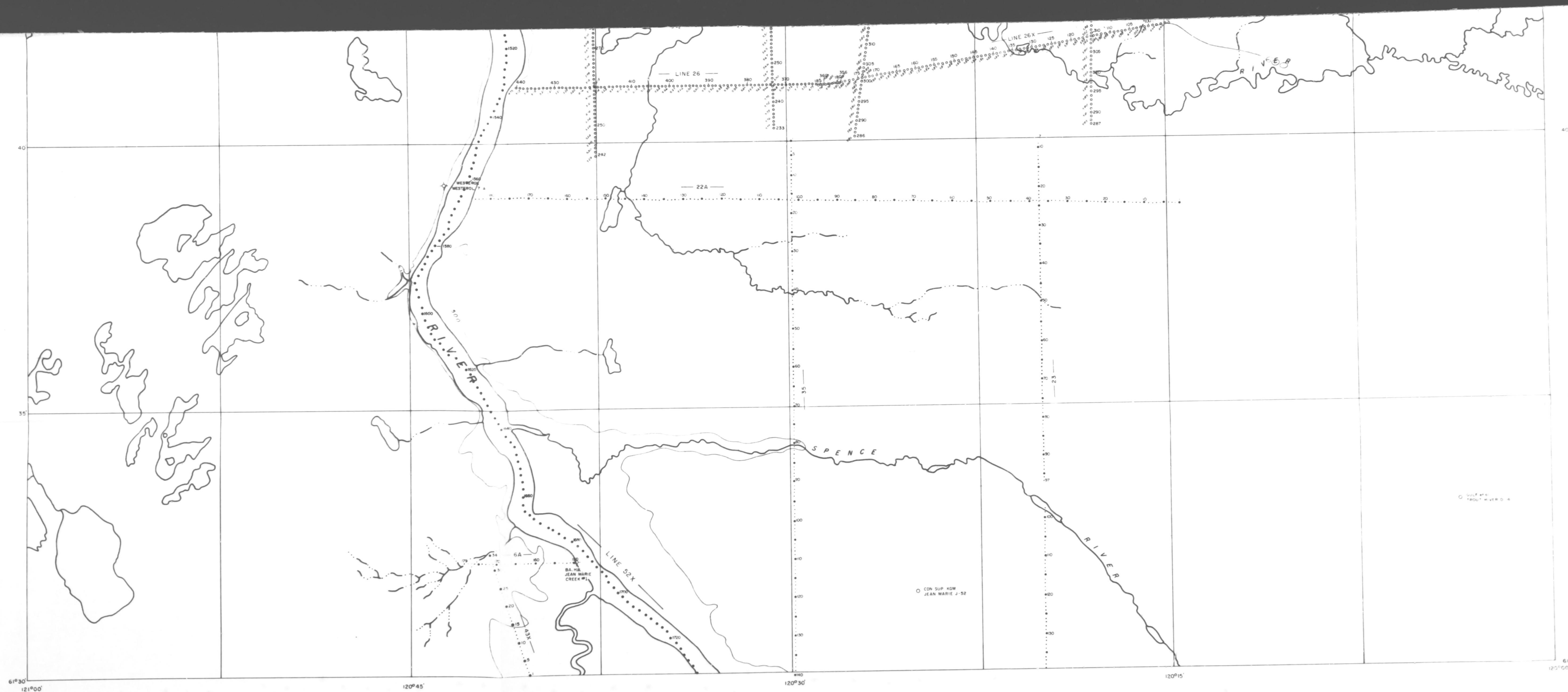




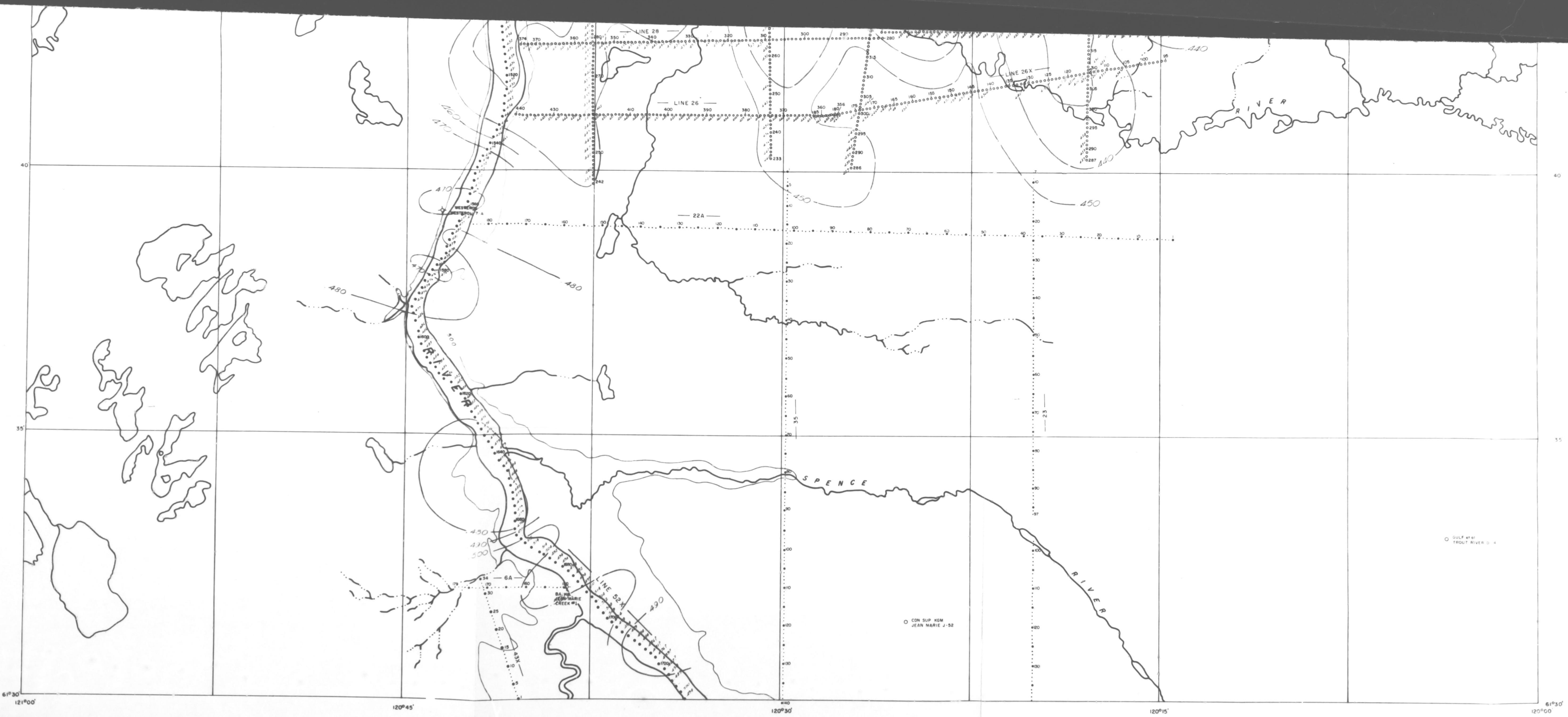


NOTE FOR INDEX MAP SEE F-6757E-1

CHEVRON STANDARD LIMITED			
95-H-NE			
GREEN ISLAND AREA			
SURFACE ELEVATIONS			
July 1970			
SCALE	DATE	DRAWN	F-9876-12
INCH - MILE	JUNE, 1965	DEW	
D. H. S. SEISMIC			

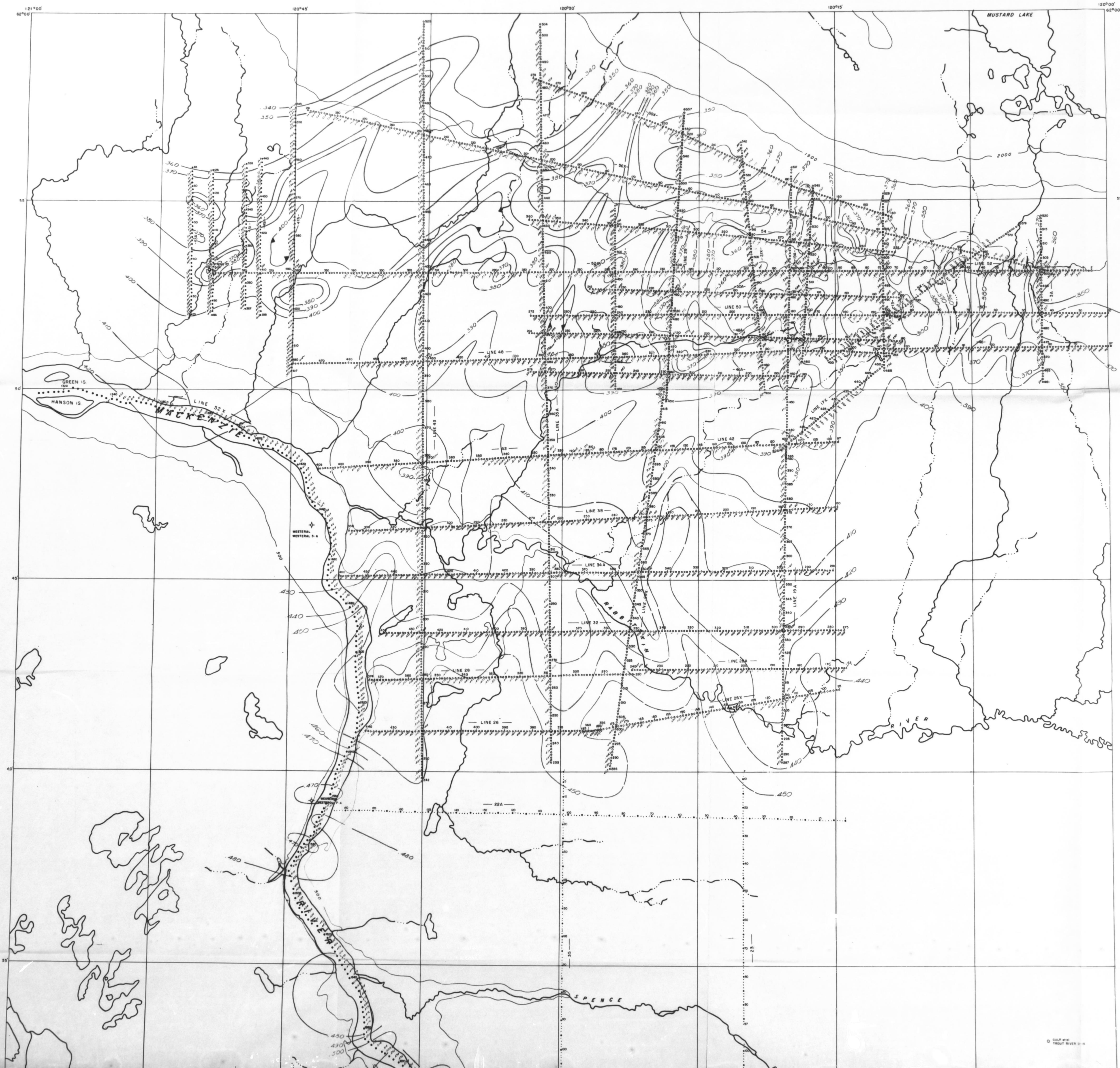
CHEVRON STANDARD LIMITED			
95-H-NE			
GREEN ISLAND AREA			
SURFACE ELEVATIONS			
SCALE	DATE	DRAWN	NOV 1970
1 INCH = 1 MILE	JUNE, 1965	DEW	F-9876-12

12 of 2



CHEVRON STANDARD LIMITED			
95-H-NE			
GREEN ISLAND AREA			
TIME SEISMIC CONTOURS			
ON			
TOP OF NAHANNI			
SCALE	DATE	DRAWN	JAN 1970
1 INCH = 1 MILE	JUNE, 1965	DEW	F-9876-9

12 of 2



CONFIDENTIAL

Final Report on Seismic Survey
Conducted by Chevron Standard Limited
January-March 1970
Mustard Lake
Group 203 Gov. Project 45-6-4-69-5

CONFIDENTIAL

Area: Mustard Lake, N.W.T.

Government Project: 45-6-4-69-5

Group: 203

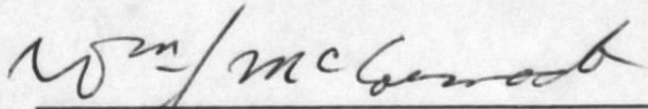
Final Report on Seismic Survey Conducted By:

Chevron Standard Limited

January - March 1970

Maps in the attached folder

Author: T. Webb


W. J. McCormack - 1970
District Geophysicist



Contractor: Glove Universal Sciences Canada Limited

Government Project: 45-6-4-69-5

Group: 203

Area: Mustard Lake, N.W.T.

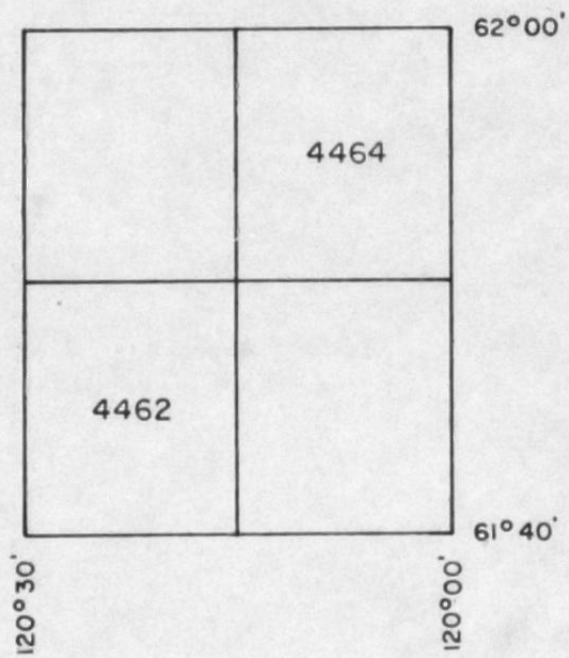
Maps: Green Island Area - Time structure on top of Nahanni
Green Island Area - S.P. location and surface elevation



MUSTARD LAKE PERMITS



MUSTARD LAKE
PERMITS
GROUP 203



GEOPHYSICAL DATA FOR SEISMIC SURVEY

LOCATION

Area and Province	<u>Mustard Lake, N.W.T.</u>
Longitude and Latitude	<u>120°W 62°N</u>
Permit Numbers and Government Project Number	<u>45-6-4-69-5</u>

TYPE OF SURVEY

Analog or Digital	<u>Digital (Binary Gain)</u>
Type of Source	<u>Dynamite</u>

FIELD RECORDING EQUIPMENT

Seismometer Model	<u>Mark Products L-10</u>
Seismometer Frequency	<u>14 cycle</u>
Seismometer Damping	<u>240</u>
Seismometer Base	<u>Flat winter base</u>
Amplifier Model	<u>T.I. D.F.S.-3</u>
Camera Model	<u>S.I.E. ERC-6</u>
Type of Magnetic Tape	<u>1 inch 21 track</u>
Digital System Model and Number	<u>D.F.S.-3 184 Ser.</u>
Land Survey Instrument and Method	<u>Wild T-16, Zeiss 6" Transit</u>
Cables	<u>Portable 900' sections 220' interval</u>

FIELD PROCEDURE AND OPERATIONS

<u>Refraction</u>	
Inline or Broadside	<u>Inline</u>
<u>Reflection</u>	
% of Subsurface Coverage	<u>600%</u>

Spread Configuration

Number Groups Recorded	24
Group Interval	220
Number Seismometers/Group	8
Seismometer Interval	20
Array Pattern	Inline

Source Configuration

Number of Holes and Depth	1 @ 40 Feet
Spacing	Nil
Pattern	Nil
Inline or Offset to Spread	Inline
Charge Size and Type	5 Lbs. 2½ x 5 60%

Transportation

Type of Vehicles	Wheeled
Fixed Wing Aircraft	Beaver
Helicopter Support	

Terrain Conditions

General Terrain Description	Flat to rolling muskeg
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RECORDING FACTORS

Monitor Record

Filter	Read after write	18/18 - 124
AVC		Binary Gain (Fast)
Gain		90 D.B.

Magnetic Tape

Filter		18/18 - 124
AVC		Binary Gain (Fast)
Gain		90 D.B.

Sample rate 2MS

Field Playbacks

Filter

Nil

AVC

Nil

Gain

Nil

Mixing

Nil

PERSONNEL

Field

J. Curzon - Supervisor
G. Mueller - Party Manager

Office

G. Hood - Ass't. Party Manager

Titleholders

J. Fraser - Head Surveyor

Individual Responsibility

R. Lubeseder - Surveyor

Contractors

D. Janveau - Senior Observer

L. Young - Observer

A. Skjerven - Shooter

Smith Brothers

Siesform Drilling

Double R Drilling

Campbell Contractors

Caribou Construction

OFFICE TECHNIQUES

Datum Computation

N/A

Weathering Sections

N/A

Record Sections	<u>N/A</u>
Type of Display	<u>VA/WT</u>
Maps	<u>Attached Folder</u>

STATISTICS SUMMARY

Number of Working Days	<u>10</u>
<u>Number of Profiles</u>	
Reflection	<u>602</u>
Refraction	<u>60</u>
Total Production	<u>662</u>
Miles of Surface Coverage	<u>50.5</u>
Miles of Subsurface Coverage	<u>50.5</u>
Number of Shot Holes Drilled	<u>662</u>
Total Footage Drilled	<u>26,480</u>

TRANSMITTAL OF RECORDED DATA