

LINE 2
S.P. 101 TO 1866

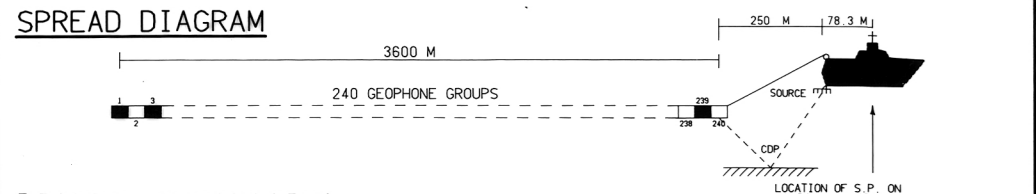
INSTITUTE OF SEDIMENTARY & PETROLEUM GEOLOGY
BEAUFORT LITHOPROBE 1987

117 DEGREEC DIRECTION SHOT

FINAL STACK

FIELD DATA

VESSEL	M/V GSI EXPLORER
SHOT BY	GEOPHYSICISTS
NAVIGATION SYSTEM	PRIMARY SYSTEM - GPS
DATE SHOT	AUGUST - OCTOBER 1987
DATA TYPE	SEISMIC REFLECTION
RECORDING FORMAT	240 CHANNEL TRACE SEQUENTIAL RECORDER
RECORDING DENSITY	6000 M P I
RECORD LENGTH	20 S
GAIN CONTROL	NOISE
RECORDING FILTERS	LOW CUT 8 HZ @ 18 DB/OCTAVE
TAPE POLARITY	HIGH CUT 84 HZ @ 72 DB/OCTAVE
SEISMIC SOURCE	NORMAL
AVERAGE SOURCE DEPTH	12.5 METRES
CABLE LENGTH/AVERAGE DEPTH	3000 METRES/12.5 METRES
NUMBER OF GROUPS	240
GEOPHONE TYPE	1.2 ACCELERATION CANCELLING
GEOPHONES PER GROUP	40
NORMAL GROUP INTERVAL	25 METRES
MULTIPLICITY	30 FOLD
AVERAGE NEAR GROUP OFFSET	250 METRES
FATHOMETER	SIMRAD 7100 M/SEC /DRAFT CORRECTED



DIGITAL PROCESSING

DEMULTIPLEXED TO 19876 MS
 DEINTERLEAVED MIX
 PRE DECONVOLUTION MUTE
 TRUE AMPLITUDE RECORDS
 VELOCITY FILTER (COMMON SHOT)
 VELOCITY FILTER (COMMON RECEIVERS)
 DECONVOLUTION
 EQUALIZATION
 VELOCITY ANALYSIS
 STRETCHING

PROCESSED TO 19876 MS
 TRACKS MIXED 2 ON 1 - EVENLY WEIGHTED
 MUTING OF FIRST BREAK ENERGY
 COMPENSATED GAIN RECOVERY @ 0.5 SEC @ 3000 MS
 MAX FREQ = 120 HZ/OIP ZONE - 12 TO -6 MS/TR
 STANDARD NOISE
 MAX FREQ = 120 HZ/OIP ZONE - 24 TO -12 MS/TR
 1.6 CM GAIN @ 2M DATUM - WATER BOTTOM
 VELOCITY ANALYSIS
 VELOCITY ANALYSIS
 VELOCITY ANALYSIS

STATISTICS
 NORMAL MOVEOUT CORRECTIONS
 COMMON DEPTH POINT STACK
 DECONVOLUTION
 TIME/SURFACE VARIANT FILTER
 TIME/SURFACE VARIANT SCALING
 TIME/SURFACE VARIANT SCALING
 TIME/SURFACE VARIANT SCALING
 RUNNING MIX
 DECIAMATION

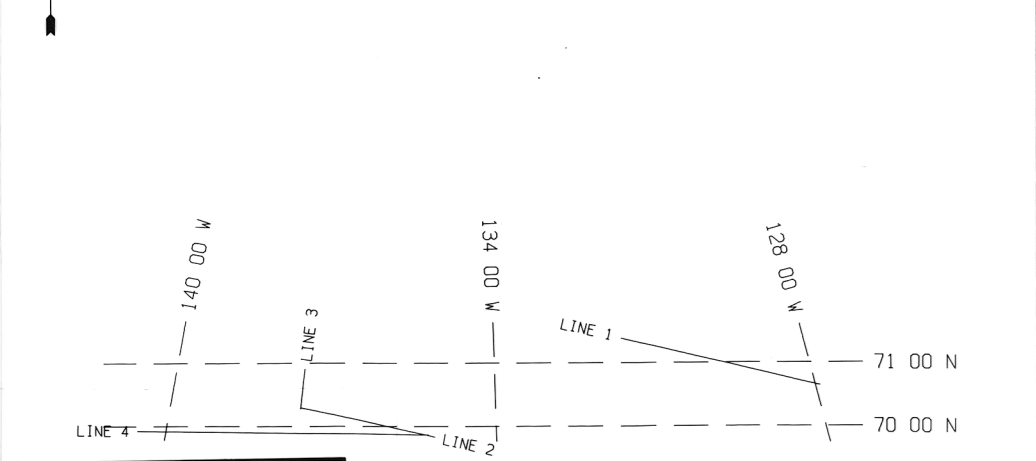
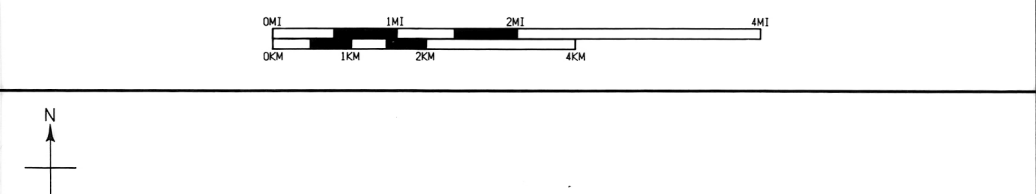
SEE STACK SECTION HEADER FOR VELOCITIES USED
 30 FOLD TYPE - DIVERSITY POWER
 AUTO CORR START/TIME TIMES - 30/8250 MS
 DATUM - WATER BOTTOM
 FREQUENCIES (HZ) TIME (MS) DATUM - SURFACE
 4 8745 50
 4 8735 45 3500
 4 8725 30 8000
 4 8715 15 12000
 TYPE/START TIME - SORTUS/-30 MS
 DATE LENGTH 200 MS
 DATUM - WATER BOTTOM
 TYPE/START TIME - PLATYS/-30 MS
 GATE LENGTH 600 700 1000 1500 2000 10000 MS
 DATUM - WATER BOTTOM
 EVERY THIRD TRACE DISPLAYED

DISPLAY

HORIZONTAL SCALE	- 22 200 TR/CM 22 222 TR/CM
VERTICAL SCALE	- 2.00 CM/SEC
POLARITY	- NORMAL
TRACE TYPE, BIAS	- NYAR, 0 PERCENT
DATUM	- SEA LEVEL
DISPLAY UNIT	- 0.0001 CM

DISPLAY GAIN

10	20	40	80
100	200	400	800



OPEN FILE
DOSSIER PUBLIC
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Geological Survey of Canada / Commission géologique du Canada

10 JUN 1988 / 10 51 28

PARTY 999

GEOPHYSICAL SERVICE INCORPORATED

