

PETREL CONSULTANTS LTD.	
PROCESSING DATE: FEB 1995	
NSM RESOURCES LTD	
AREA:	LITTLE BEAR
LINE:	136
PROVINCE:	N.W.T.
WEST	621 SHOT POINTS 101 EAST
STRUCTURE SECTION	
NORMAL POLARITY	
ACQUISITION PARAMETERS	
SHOT BY:	WESTERN GEOPHYSICAL LTD
DATE:	DEC. 1994
SPREAD:	STATION INTERVAL 33.5 M SHOT PT. INTERVAL 134 M SPREAD (TR) 1600 M 33.5 X 96 DIST. (M) 1600 M 33.5 X 96
SOURCE:	DYNAMITE 1 X 2 KG AT 14 M
RECEIVERS:	LRS L-1011 14 MZ, 9 OVER 33.5M
INSTRUMENTS:	DFS V 96 TRACE NOTCH: OUT CABLE MODE: TFP TAPE FORMAT: SECF FIELD FILTER: 8 - 128 HZ
PROCESSING PARAMETERS	
1. DEMULTIPLEX	SAMPLE RATE 2 MS RECORD LENGTH 3 SEC.
2. TRACE GATHER	
3. AMPLITUDE RECOVERY	EXPONENTIAL
4. DECONVOLUTION	TYPE: SPEKING PRE-WHITENING: 4 0 0 DESIGN WINDOW: 800 - 2200 MS OPERATOR LENGTH: 60 MS APPLICATION WINDOW: 0 - 3 SEC.
5. VELOCITY ANALYSIS	
6. NORMAL MOVEOUT	
7. STRUCTURAL CORRECTIONS	ELEVATION, WEATHERING, DRIFT DATA ELEVATION: 500 M DATA VELOCITY: 3000 M/SEC.
8. STATICS	SURFACE CONSISTENT RESIDUAL WINDOW 500 - 2000 MS MAXIMUM ALLOWED SHIFT: +/- 20 MS MAXIMUM OFFSET INCLUDED: 1600 M
9. FIRST BREAK MUTING	DISTANCE (M) 250 500 800 1000 1200 TIME (MS) 540 800 1300 2200
10. STACK	1200 %
11. T-V FILTER	20/25 - 70/75 0 - 1000 MS 16/23 - 65/75 1270 - 3000 MS
12. EQUALIZATION	MEAN WINDOW 800 - 2200 MS
13. HAVI EQUATION MIGRATION	90% OF RMS VELOCITIES
DISPLAY PARAMETERS	
VERTICAL PLOTTING SCALE: 7.5 INCHES/SEC HORIZONTAL PLOTTING SCALE: 24 TRACES/INCH	

