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LINE KOT-7 NORTH
S.P. 405-773
NORTH

STRUCTURAL STACK

NORTHCOR ENERGY LTD.
KOTANEELEE

SEFEL SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY, CANADA	DATE PROCESSED AUGUST, 1984 O.C. TCS
	FIELD RECORDING
DATE SHOT JANUARY, 1984 SHOT BY SEFEL GEOPHYSICAL LTD PART NO. 505 SOURCE TYPE DYNAMITE SOURCE PATTERN SINGLE HOLE CHARGE SIZE 10 KG AT 17 M. GEOPHONE TYPE GEOSPAC 10 HZ GEOPHONE PATTERN 9 OVER 40 M. INSTRUMENTS MDS-10 FORMAT SEG DATA CHANNELS 96 RECORDING FILTER 12/18-125/72 HZ RECORD LENGTH 6 SEC. SAMPLE INTERVAL 2 MS. GROUP INTERVAL 40 M. SHOT POINT INTERVAL 40 M. SPREAD GEOMETRY 1920-40-X-40-1920	
DIGITAL PROCESSING	
1 DEMULTIPLY WITH GAIN REMOVAL PROCESSING SAMPLE RATE 2 MS 2 COP TRACE GATHERS 4800 PERCENT 3 INSTRUMENT PHASE COMPENSATION 4 GEOPHONE PHASE COMPENSATION 5 AUTOMATIC GAIN CURVE APPLICATION 6 SPIKING DECONVOLUTION OPERATOR DESIGN WINDOW MIN OFFSET 350-1350 MS. MAX OFFSET 700-1700 MS. OPERATOR LENGTH 80 MS PREWHITENING 1 PERCENT 7 WEATHERING STATICS DATUM ELEVATION VARIABLE DATUM DATUM VELOCITY 3700 M/SEC. WEATHERING VELOCITY 610 M/SEC. 8 VELOCITY ANALYSIS 9 NMO 10 AUTOMATIC RESIDUAL STATICS MAX CORRELATION LAG 40 MS. WINDOW 500-2500 MS. 11 COMMON OFFSET STACK 12 RESIDUAL NMO 13 MUTE 14 STACK 4800 PERCENT 15 TIME VARIANT FILTER 0-1000 MS 14/22-65/75 HZ 1000-4000 MS 11/19-40/56 HZ 16 EQUALIZATION WINDOW 500-2500 MS. 17 VARIABLE TO FIXED DATUM CORRECTION FIXED DATUM 1600 M/ASL 18 FILM DISPLAY 16 TR/IN 5 IV/SEC POLARITY (X) NORMAL () REVERSE	
PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS	

