

NORTHROCK RESOURCES
9227-N46-10AAREA: TERTIARY CREEK
NORTHWEST TERRITORIES

LINE: 121A

SP'S: 1-18

STATIONS: 7-219

NORTH EAST

MIGRATED STACK

FOLD 100%

POLARITY: NORMAL

RECORDING PARAMETERS

RECORDING INFORMATION

RECORDED BY:	RAI, GEOPHYSICAL
DATE:	308
INSTRUMENT TYPE:	PARCEL 1964
CHANNELS:	24
RECORD LENGTH:	4 SECONDS
RECORDING FILTER:	4 HZ
DIGITIZED TIME FORMAT:	SEC.

SOURCE

TYPE:	DIAPHRANE
SOURCE INTERVAL:	804 M
SHOT DEPTH:	0.11
TRIGGER IN HOLES:	15 H
CHARGE SIZE:	9 HZ

GEOPHONES

GEOPHONE TYPE:	N/A
FREQUENCY:	N/A
SPREAD CONFIGURATION:	0 OVER 30 H
TR-01:	TR-12
804 M	67 M
TR-13:	TR-24
67 M	804 M

PROCESSING PARAMETERS

REFORMAT

EDITING

EXPONENTIAL DIVERGENCE CORRECTION

DECONVOLUTION

TYPE:	SURFACE CONSISTENT
OPERATOR LENGTH:	60 MS
NEAR FIELD WINDOW:	500-2000 MS
FAR FIELD WINDOW:	1000-2000 MS
PREATTENUATION:	0.05

DECONVOLUTION

TYPE:	TIME-VARIANT ZERO PHASE
FIRST NEAR DESIGN WINDOW:	200-2000 MS
FIRST FAR DESIGN WINDOW:	1000-2000 MS
SECOND NEAR DESIGN WINDOW:	1500-2000 MS
SECOND FAR DESIGN WINDOW:	1500-2000 MS
DESIGN SMOOTHING:	0.12-0.105 HZ

REFRACTION STATICS

CRUSTAL ELEVATION:	1100 M
REPLACEMENT VELOCITY:	3000 M SEC

VELOCITY ANALYSIS

FIRST PASS OF SURFACE CONSISTENT RESIDUAL STATICS:	MAXIMUM STATIC SHIFT: 10 MS
WINDOW:	500-3000 MS

EDITING

DIP MOVEOUT APPLICATION

RESIDUAL VELOCITY ANALYSIS

SECOND PASS OF SURFACE CONSISTENT RESIDUAL STATICS:	MAXIMUM STATIC SHIFT: 10 MS
WINDOW:	500-3000 MS

APPLICATION OF FINAL MUTE:

300 M - 0 MS
400 M - 400 MS
500 M - 400 MS
1000 M - 1600 MS

COP STACK 100%

FINITE DIFFERENCE MIGRATION

90% OF STACKING VELOCITIES

BANDPASS FILTER

10-15000 HZ
12-17-400 70 HZ
3000-4000 HZ
15-17-40 50 HZ

TRACE EQUALIZATION 500 MS AGC

QUALITY CONTROL: DS

DATE: OCTOBER 2000

DISPLAY PARAMETERS:

12 TRACES PER INCH
7.5 INCHES PER SECOND

POLARITY: NORMAL

ECLIPSE
SEISMIC PROCESSORS INC.