



AREA: TERTIARY CREEK
NORTHWEST TERRITORIES
LINE: 119B
SP *S: 30-72
STATIONS: 360-864

NORTHEAST
MIGRATED STACK
FOLD 100%
POLARITY: NORMAL

RECORDING PARAMETERS

RECORDING INFORMATION
RECORDED BY: PAV. GEOPHYSICAL
DATE: 308
INSTRUMENT TYPE: N/A ANALOG
CHARACTERISTICS: 4 SHOT
SAMPLE RATE: 2 MS
RECORD LENGTH: 4 SECONDS
RECORDING FILTER: N/A
DIGITIZED TIME FORMAT: SEC. 1

SOURCE
TYPE: DIAPHRITE
STATION INTERVAL: 804 M
SHOT DEPTH: 6.7 M
NUMBER OF HOLES: 5
CHARGE SIZE: 9 KG

GEOPHONES
GEOPHONE TYPE: N/A
FREQUENCY: 6 OVER 30 H
SPREAD CONFIGURATION:
TR-01: 804 M
TR-12: 67 M
TR-24: 67 M
804 M

PROCESSING PARAMETERS

REFORMAT
EDITING
EXPONENTIAL DIVERGENCE CORRECTION
DECONVOLUTION
TIME: SURFACE CONSISTENT
OPERATOR LENGTH: 80 MS
NEAR DESIGN WINDOW: 200-2000 MS
FAR DESIGN WINDOW: 1100-2500 MS
PREHIGHLIGHTING: 0.05%

DECONVOLUTION
TIME: TIME-VARIANT ZERO PHASE
FIRST NEAR DESIGN WINDOW: 200-2000 MS
FIRST FAR DESIGN WINDOW: 1100-2500 MS
SECOND NEAR DESIGN WINDOW: 1200-2500 MS
SECOND FAR DESIGN WINDOW: 1600-2500 MS
DESIGN BANDWIDTH: 0-12-50-105 HZ

REFRACTION STATISTICS
DATUM ELEVATION: 1100 M
REPLACEMENT VELOCITY: 3000 M/SEC

VELOCITY ANALYSIS
FIRST PASS OF SURFACE CONSISTENT RESIDUAL STATISTICS
WINDOW: 500-2500 MS

EDITING
DIP MOVEOUT APPLICATION
RESIDUAL VELOCITY ANALYSIS
SECOND PASS OF SURFACE CONSISTENT RESIDUAL STATISTICS
WINDOW: 500-2500 MS

APPLICATION OF FINAL FILTER
300 H - 0 MS
400 H - 400 MS
604 H - 600 MS
1000 H - 1000 MS

COP STACK: 100%
FINITE DIFFERENCE MIGRATION
SQC OF STACKING VELOCITIES
BANDPASS FILTER
12:1500-1500 HZ 12:17-40-50 HZ
3000-4000 HZ 12:17-40-50 HZ
TRACE EQUALIZATION: 500 MS RAC

QUALITY CONTROL: DS
DATE: OCTOBER 2000

DISPLAY PARAMETERS:
12 TRACES PER INCH
7.5 INCHES PER SECOND
POLARITY: NORMAL

ECLIPSE
SEISMIC PROCESSORS INC.



