

SAVANNAH RIVER SITE
AIKEN, S. CAROLINA

LINE SRS-28

MIGRATED STACK
DATUM 80 METERS

NORTHEAST

RECORDING PARAMETERS

DATE RECORDED : APRIL 1988 SOURCE ARRAY : 245/18 M (80 FT)
CONTRACTOR : COMCO NO. 28V130 SHOT INTERVAL : 24.4 M (80 FT)
GROUP INTERVAL : 12.2 M (40 FT) FAR OFFSET : 684 M (1900 FT)
NEAR OFFSET : 30.5 M (100 FT) SAMPLE RATE : 2 HSEC
INSTRUMENTS : MDS-10 RECORD LENGTH : 14 SEC (4 SEC)
CHANNELS : 96 RECORD FILTS : 30 HZ & 125 HZ
ENERGY SOURCE : 2 MOD 15 VIB SLEEP FREQ. : 20-120 HZ
SLEEP LENGTH : 10 SEC RECEIVER ARRAY : 14/12.2 M (40 FT)

SPREAD CONFIGURATION:
TR 1 TR 48 TR 49 TR 99
864 M 31 M VP 31 M 864 M

PROCESSING SEQUENCE

DEMULTIPLICING
VIBROSEIS WHITENING - 1000 MS AGC
RECORD PAD - TO 20 SEC
XCOR W/ RECORDED SLEEP (RL=13 SEC.)
TRACE EDITS/DATUM STATICS
50 MS BULK SHIFT APPLIED
80 M DATUM W/ CORR. VEL. 900 M/S
COMMON MIDPOINT SORT
DECONVOLUTION - GAPPED
10 MS GAP 70 MS OPERATOR
AUTOCOR. GATE 10-1000 MS
VELOCITY ANALYSIS - CONSTANT VEL. STKS.
RESIDUAL STATICS - SURFACE CONSISTENT
ITERATIVE W/ VEL. ANALYSIS
3 ITERATIONS STATICS W/ VELOCITY
ITER 1-2 EVERY 2ND TR 15 TR PILOT 10 SHFT
ITER 3 EVERY TR 30 TR PILOT 6 SHFT
ANIMATE/250 MS AGC
COMMON MIDPOINT STACK - 24 FOLD NOM.
DECONVOLUTION - ZERO PHASE
30 PT SMOOTH DESIGN & OPERATOR
SPECTRUM SHAPE 15-20-120-130 HZ
DESIGN GATE 0-500 550-1000 MS
FILTER 30-35-110-120 HZ 0-1.0 SEC
AGC - 250 MS
MIGRATION - FINITE DIFFERENCE
100 % STACKING VELOCITY
DECIMATE 1 IN 3
MIGRATE 0-1000 MS
FILTER 30-35-110-120 HZ 0-1.0 SEC
SIGNAL
WINDOW : 15 TR
INCREMENT : 5 TR
TIME GATE : 164 MS
DIP RANGE : +/- 30 MS/TR
DIGISTK 50-50 MIX WITH SIGNAL TRACE
AGC - 250 MS

DISPLAY PARAMETERS

TRACES PER INCH: 40.0 DATE PROCESSED: MAR 1992
INCHES PER SEC: 10.0 POLARITY: NORMAL

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