

SAVANNAH RIVER SITE AIKEN, S. CAROLINA

LINE SRS-10

MIGRATED STACK
DATUM 80 METERS

RECORDING PARAMETERS

DATE RECORDED : OCTOBER 1987 SOURCE ARRAY : 305/24 M (100 FT)
 CONTRACTOR : COMCO NO. 25V130 SHOT INTERVAL : 24.4 M (80 FT)
 GROUP INTERVAL : 12.2 M (40 FT) FRR OFFSET : 610 M (2000 FT)
 NEMP OFFSET : 42.7 M (140 FT) SAMPLE RATE : 2 HSEC
 INSTRUMENTS : MD8-10 RECORD LENGTH : 14 SEC (4 SEC)
 CHANNELS : 96 RECORD FILTS : 10 Hz & 125 Hz
 ENERGY SOURCE : SLEEP FREQ : 20-150 Hz
 SLEEP LENGTH : 10 SEC RECEIVER ARRAY: 14/16.8 M (50 FT)

SPREAD CONFIGURATION:
 TR 1 TR 40 TR 40 TR 90
 610 M 43 M VP 43 M 610 M

PROCESSING SEQUENCE

DEMULTIPLXING
 VEROSOLS WHITENING - 1000 MS ASC
 RECORD PAD - TO 23 SEC
 XCOR W/ RECORDED SHEEP (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 SORTED
 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 5 SHFT
 NMO/MUTE/250 MS ASC
 COMMON MIDPOINT STACK - 24 FOLD NOML.
 DECONVOLUTION ZERO PHASE
 30 PT SMOOTH DESIGN & OPERATOR
 SPECTRUM SHAPE 15-20-120-130 HZ
 DESIGN GATE 0-5000 530-1000 MS
 FILTER 30-35-110-120 HZ 0-1.0 SEC
 ASC - 250 MS
 MIGRATION - FINITE DIFFERENCE
 100 % STACKING VELOCITY
 DECIIMATE 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
 DIGITIZ 50-50 MIX WITH SIGNAL TRACE
 ASC - 250 MS

DISPLAY PARAMETERS

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

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