

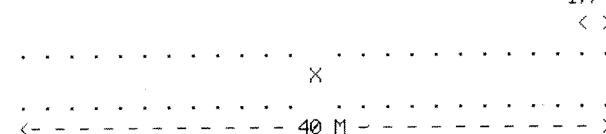


LINEA MT-354-81

RECORDING

FIELD PARTY: R.I.G IX, G. KOLZEM
 CONTRACTOR: R.I.G., CONTRACT NO. 2560012
 RECORDING PERIOD: NOVEMBER 1981
 FIELD SYSTEM: DFS IV, 60 CHANNELS
 TAPE FORMAT: SEG - C, 9 TRACK, 1600 BPI
 POLARITY OF SYSTEM: SEG-CODE 0001
 SUBSURFACE COVERAGE: 10 FOLD
 RECORD LENGTH: 7 S, SAMPLING RATE: 2 MS
 FILTER: LOWCUT 12 HZ 18 DB/OCT
 HIGHCUT 124 HZ 72 DB/OCT
 NOTCH FILTER: 50 HZ
 GAIN CONTROL: I.F.P. + CONSTANT GAIN 24 DB
 RECEIVER TYPE: SM 4 (10 HZ)
 NO. OF GROUPS 60, SPACING 30 M
 GROUP LENGTH 40 M, 48 RECEIVERS PER GROUP
 RECEIVER ARRAY:

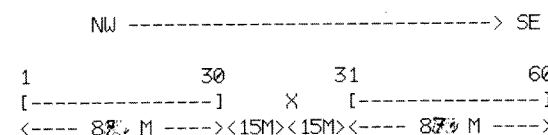
1,74M



EMITTER ARRAY:

POINTSHOT
 ENERGY SOURCE: EXPLOSIVE
 SPACING: 90 M
 CHARGE: 1 KG - 5 KG
 CHARGEDEPTH: 24 M - 50 M

EMITTER RECEIVER CONFIGURATION:



PROCESSING

- INPUT CREW: ROSILIUS/DIPL.GEOPHYS. BROETZ
 SUPERVISOR: DIPL.GEOPHYS. BAUMANN
 CONTRACT NO. 3480012 DATE: 29.01.82
- INPUT: TAPE FORMAT: SEG-C, 9 TRACK, 1600 BPI
SAMPLING RATE 4 MS, 60 TRACES
 - ANTIALIAS FILTER: HIGHCUT 90 HZ 24 DB/OCT
 - GAIN REMOVAL
 - CORRECTION OF SPHERICAL DIVERGENCE
 - DECONVOLUTION: TYPE PREDICTIVE
TIMEVARIANT, 2 GATES
GATE LENGTH: FIRST 300MS-2600MS
SECOND 3700MS-5800MS
PREDICTION INTERVAL: 4 MS AT FIRST GATE
16 MS AT SECOND GATE
LENGTH OF OPERATORS: 160 MS
PREWHITENING FACTOR: 1%
 - TIMEVARIANT FREQUENCY FILTER
100% TIME LOWCUT HIGHCUT
MS HZ DB/OCT HZ DB/OCT
1400 26 24 90 27
2400 22 24 90 27
3400 16 24 75 27
4400 14 24 75 27
6400 10 24 60 27
LINEAR INTERPOLATION BETWEEN 100% TIMES
 - STATIC CORRECTIONS, DATUM LEVEL: SEA LEVEL
CORRECTION VELOCITY: 2000 M/S
(CALCULATED BY THE FIELD PARTY)
 - DYNAMIC CORRECTIONS DERIVED FROM
VELOCITY ANALYSES (GERA)
 - AUTOMATIC STATIC CORRECTIONS
GATE: 800 MS - 2800 MS
 - NORMALIZATION
 - HORIZONTAL STACKING: 10 FOLD
 - NORMALIZATION
 - DISPLAY
SCALE: 1:12500, 1 S = 10 CM
TRACE SPACING 1.2 MM
POLARITY: POSITIVE NUMBERS = BLACK
- * 207/2/82 A

MT-421-84

MT-422-84

