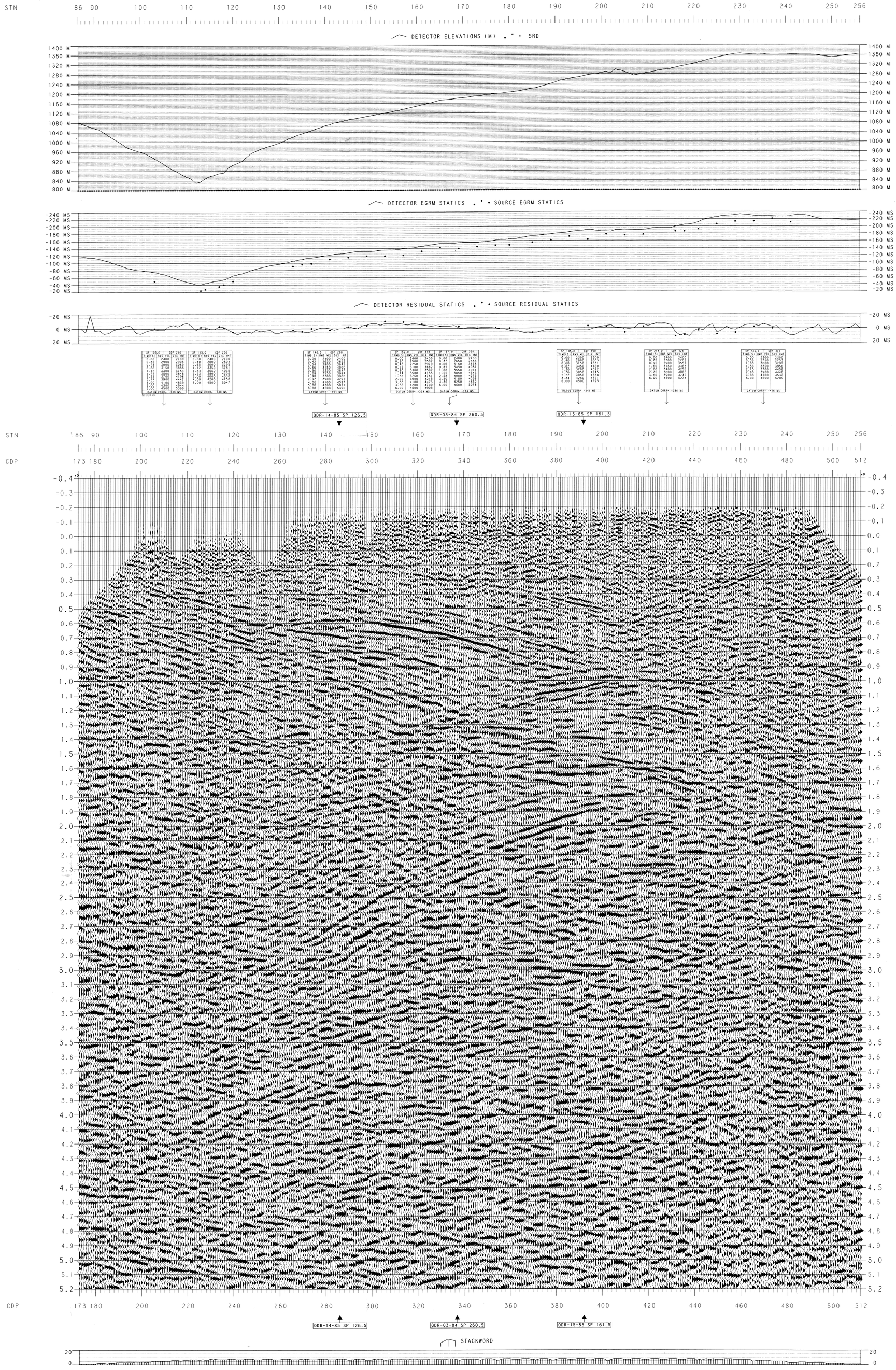
LINE QDR-04-84
EGRM,DBS,750% DMO STACK,
TVF,GAIN



LINE: QDR-04-84

STN 72 TO STN 271
SP 101 TO SP 241

SOUTHEAST

EGRM,DBS,750% DMO STACK,
TVF,GAIN

TOTAL MINERARIA

PERMIT
MONTENERODOMO
ITALY

WESTERN GEOPHYSICAL
Western Atlas International
A Litton Dresser Company

W.G.C. CONTRACT.....:NV9
DATE SHOT.....:OCTOBER,1984
SHOT BY.....:S.I.A.G
PROCESSED IN LDC.....:MAY 1989
DATASET.....:0541DM
STACK REEL NO.....:614702

RECORDING DATA

RECORDING PARAMETERS
RECORDING INSTRUMENT.....:DFS-V
RECORD LENGTH.....:6 SECONDS
RECORDING FILTER.....:12.0-128 HZ
SAMPLING RATE.....:2 MS
RECORDING TAPE FORMAT....:SEG B 6250 BPI

SOURCE
SOURCE.....:DYNAMITE
NO. OF HOLES/SP.....:1
CHARGE.....:11 KG
DEPTH OF CHARGE.....:21 M
S.P. INTERVAL.....:160 M

RECEIVER
NUMBER OF GROUPS.....:60
GEOPHONES PER GROUP.....:24
GEOPHONE TYPE.....:SM4-U 14HZ
GROUP INTERVAL.....:40 M

SPREAD DIAGRAM
1180M 20@ 20@ 1180M
1 30 31 60

PROCESSING SEQUENCE

EDIT/DEMULTIPLEX
ALL POINTS DISPLAY
EDIT OUT BAD TRACES

PREPROCESSOR
A) SUB-SAMPLE TO 4 MS
B) GEOMETRIC SPREADING FUNCTION
C) TRACE SEQUENTIAL
D) DATUM PLANE.....:800 M

SURFACE CONSISTENT DECONVOLUTION
A) MIN PHASE INVERSE FILTER
NO. OF WINDOWS.....:2
MIN PREDICTIVE LAG(GAP).....:20 MS
ACTIVE OPERATOR LENGTH.....:160 MS
B) COMMON DEPTH POINT GATHER
C) TRACE BALANCE

REFRACTION STATICS UPDATE
BASED ON EGRM TECHNIQUE

VELOCITY ANALYSIS
CONSTANT VELOCITY STACK PANNELS
ON 15 CDP'S FOR 30 VELOCITIES

AUTO RESIDUAL STATICS(MISER® I)
WINDOW.....:300-3000 MS
MAX SHIFT LIMIT.....:24 MS

VELOCITY ANALYSIS
CONSTANT VELOCITY STACK PANNELS
ON 15 CDP'S FOR 30 VELOCITIES

AUTO RESIDUAL STATICS(MISER® II)
WINDOW.....:100-2100 MS
MAX SHIFT LIMIT.....:20 MS

VELOCITY ANALYSIS
CONSTANT VELOCITY STACK PANNELS
ON 15 CDP'S FOR 30 VELOCITIES

STATICS NMO-MUTE
200% STRETCH

750% DMO STACK
FINAL VELOCITIES

TIME VARIANT FILTER

TIME(SECS)	LC (HZ//DB/OCT)	HC
0.500	14/24	45/72
2.000	12/24	40/72
3.000	10/24	35/72
5.000	10/24	30/72

TRACE EQUILIZATION
RMS GAIN 200-400 MS WINDOW

PLAYBACK
GEOSPACE PLOTTER.....:64/10
PRESENTATION.....:VA/SG
GAIN.....:110B
BIAS.....:-3
DISPLAY POLARITY.....:NORMAL

AREA MAP

SCALES

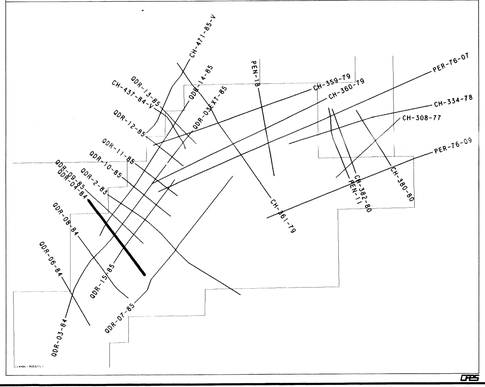
HORIZONTAL 1:12,500 1:25,000
VERTICAL 10 CM/SEC 5 CM/SEC
0 0.5
KILOMETRE

LEGEND

↓ VELOCITY FUNCTION
▼ INTERSECTIONS

O.C. FOR W.G.C.

LINE LOCATION MAP



DFS