AGIP MINERARIA

COUNTRY : ITALY
PROSPECT : ROCCABERNARDA

LINE : RCB 76-12
SHOTPOINTS 176 TO 832

EAST NORTH EAST

FILTERED STACK

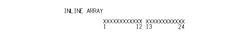
DISPLAY NO 596

FIELD RECORDING DATA

RECORDED BY : GSI PARTY 693
DATE RECORDED : JUNE 1976
INSTRUMENTS : DFS4 48 TRACE
FILTERS : HIGH CUT 82HZ LOW CUT 18/18
GAIN CONTROL MODE : IFP SEISMOMETER TYPE : SM-4
SEISMOMETERS/GROUP 24 GROUP INTERVAL 40 MTS
RECORDED DATA LENGTH 6 SECS (REC. SAMPLE 2 MSECS)
SOURCE : DYNAMITE NO HOLES : SINGLE HOLE
CHARGE : 4 - 8 KG HOLE DEPT : 12-30 MTS
SPREAD : 940 - 0 - 940 MTS

SHOT PATTERN

GEOPHONE ARRAY



PROCESSING SEQUENCE

DATA PROCESSED TO 6 SECONDS - SAMPLE PERIOD 4MSECS

1. REFORMAT
2. TRUE AMPLITUDE RECOVERY A=2 250B-SEC
3. FIELD TRACE EDITING
4. TIME VARIANT DECONVOLUTION WITH GAP 24 MSECS
   3 OPERATORS LENGTH 136 MSECS
5. TIME VARIANT SCALING
   GATE LENGTH INCREASES WITH TIME
6. NORMAL MOVEOUT CORRECTION SURFACE REFERENCE
   VELOCITY ANALYSIS 7
7. FIELD STATIC APPLICATION (DATUM SEA LEVEL)
8. RESIDUAL STATIC APPLICATION
9. 6 -FOLD COMMON DEPTH POINT STACK
10. TIME VARIANT FILTERING

TIME	PASSBAND
0	15-50
1000	12-45
2000	10-40
3000	8-35
4000	6-30

11. TIME VARIANT SCALING 500 MSEC GATES

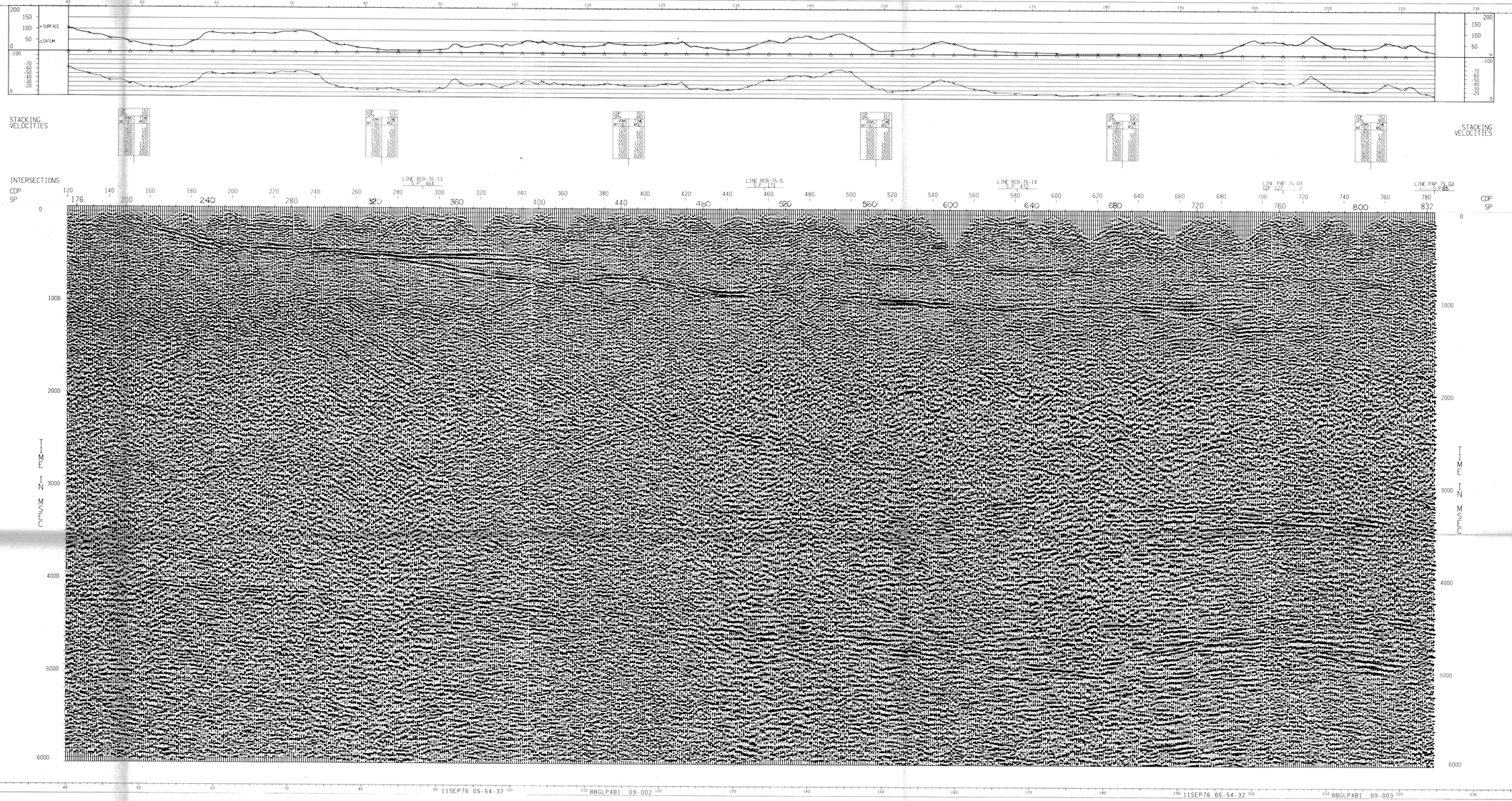
DISPLAY

HORIZONTAL SCALE - 110 IN.
VERTICAL SCALE - (3.75 IN/SEC) DISPLAY UNIT - (0.3.IN)

DISPLAY GAIN

DP	AL
SWS	
M	MS
H	TIM

11 SEP 1976

PARTY 3682-F-02

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