AGIP MINERARIA

COUNTRY : ITALY
PROSPECT : PAPANICE

LINE PAP-75-02
S.P.212 TO S.P.436

EAST

FILTERED STACK

DISPLAY NO. 2220

FIELD RECORDING DATA

RECORDED BY : G.S.I. PARTY 693
DATE RECORDED : JULY 1975 INSTRUMENTS : DFS4 48 TRACE
FILTERS : HIGH CUT 62 HZ. LOW CUT 8(18 DB/OCT.)
GAIN CONTROL MODE : IFP SOURCE : DYNAMITE CHARGE : 6-8KG
NO. OF HOLES : SINGLE HOLE HOLE DEPTH : VARIES 12 - 32 METRES
RECORDED DATA LENGTH : 6 SECONDS (RECORDING SAMPLE PERIOD 2 M.SECS)
SPREAD : 2120-240-0 METRES (OFF END)
SEISMOMETERS/GROUP : 24
SEISMOMETER TYPE : SM4
GROUP INTERVAL : 40 METRES

SPREAD DIAGRAM

GEOPHONE ARRAY

PROCESSING SEQUENCE

DATA PROCESSED TO 6 SECONDS: SAMPLE PERIOD : 4 M.SECS.

1. REFORMAT
2. TRUE AMPLITUDE RECOVERY
3. TIME VARIANT GAPPED DECONVOLUTION (OPERATOR LENGTH:148M.SECS (GAP:24M.SECS.)
4. TIME VARIANT SCALING (SHORT GATES IN SHALLOW SECTION INCREASING TO ONE SECOND GATES BY 2 SECONDS)
5. FIELD TRACE EDITING
6. APPLICATION OF NORMAL MOVEOUT CORRECTION(V.V.S.VELOCTIY ANALYSIS) (SURFACE REFERENCED VELOCITIES)
7. APPLICATION OF FIELD STATICS (DATUM=SEA LEVEL)
8. APPLICATION OF RESIDUAL STATICS
9. 6 FOLD COMMON DEPTH POINT STACK
10. TIME VARIANT FILTERING

TIME	PASSBAND
0	12.5- 45
2000	12.5- 45
4000	10 - 35
6000	10- 35

11. TIME VARIANT SCALING (250 M.SEC. GATES)

DISPLAY

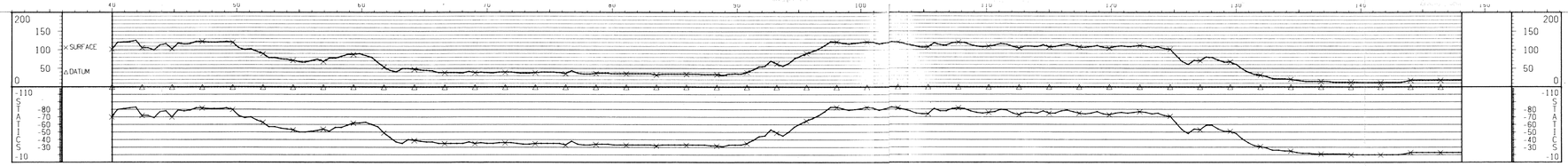
HORIZONTAL SCALE - (24.IN.) DISPLAY UNIT - (0.43745.CM.)
VERTICAL SCALE - (5.0.CM.SEC)

DISPLAY GAIN
AGABS

CDP 175		
HWS 50	GAIN 80.7	LIMIT AGBS 2500
57.9		

17 JAN 1976 PARTY : 3682-F-02

GEOPHYSICAL SERVICE INTERNATIONAL
(A SUBSIDIARY OF TEXAS INSTRUMENTS INCORPORATED)
PROCESSED BY TI'S ADVANCED SCIENTIFIC COMPUTER
AMSTELVEEN : HOLLAND



STACKING VELOCITIES

CDP 166		CDP 222		CDP 278		CDP 336		CDP 390		CDP 446		CDP 502		CDP 558	
TIME MSEC	VRMS MT/SEC	TIME MSEC	VRMS MT/SEC	TIME MSEC	VRMS MT/SEC	TIME MSEC	VRMS MT/SEC	TIME MSEC	VRMS MT/SEC	TIME MSEC	VRMS MT/SEC	TIME MSEC	VRMS MT/SEC	TIME MSEC	VRMS MT/SEC
0	1750	0	1750	0	1750	0	1750	0	1750	0	1750	0	1750	0	1750
600	2150	650	2100	700	2100	800	2250	950	2200	1100	2300	1100	2100	900	2025
1300	2550	1400	2650	1450	2700	1500	2600	1625	2600	1700	2650	1800	2600	1800	2800
1900	2900	1750	2775	1950	3050	2000	2950	2100	2900	2200	2950	2100	2900	2150	3050
3000	3800	3100	3900	2600	3400	3000	3600	3600	4200	3500	4200	2975	3900	3500	4400
6000	5500	6000	5500	6000	5500	6000	5500	6000	5500	6000	5500	6000	5500	6000	5500