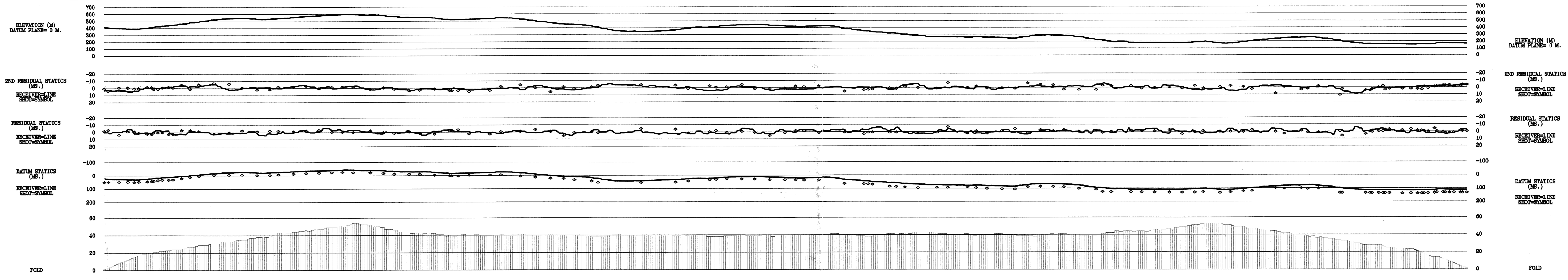
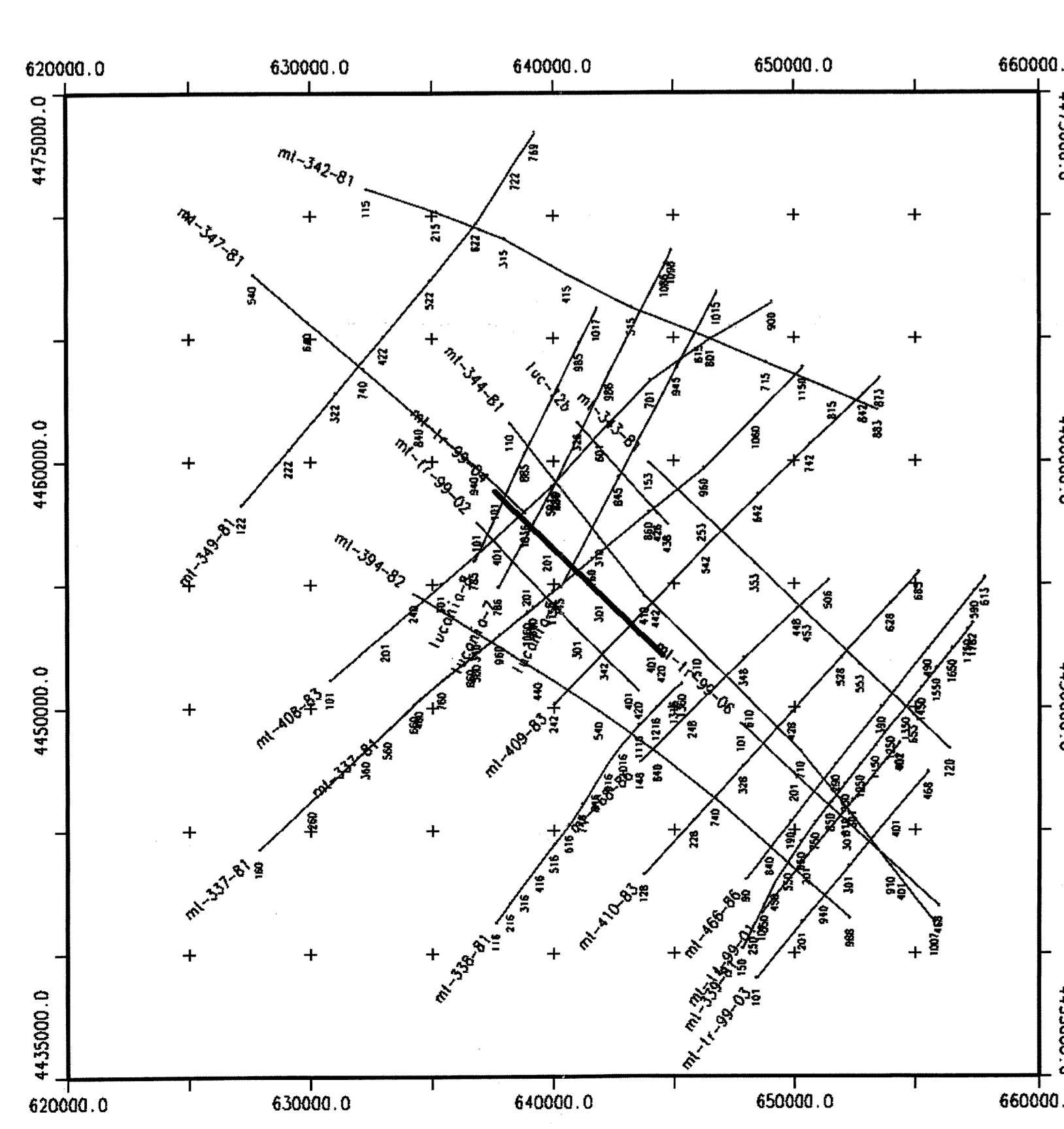
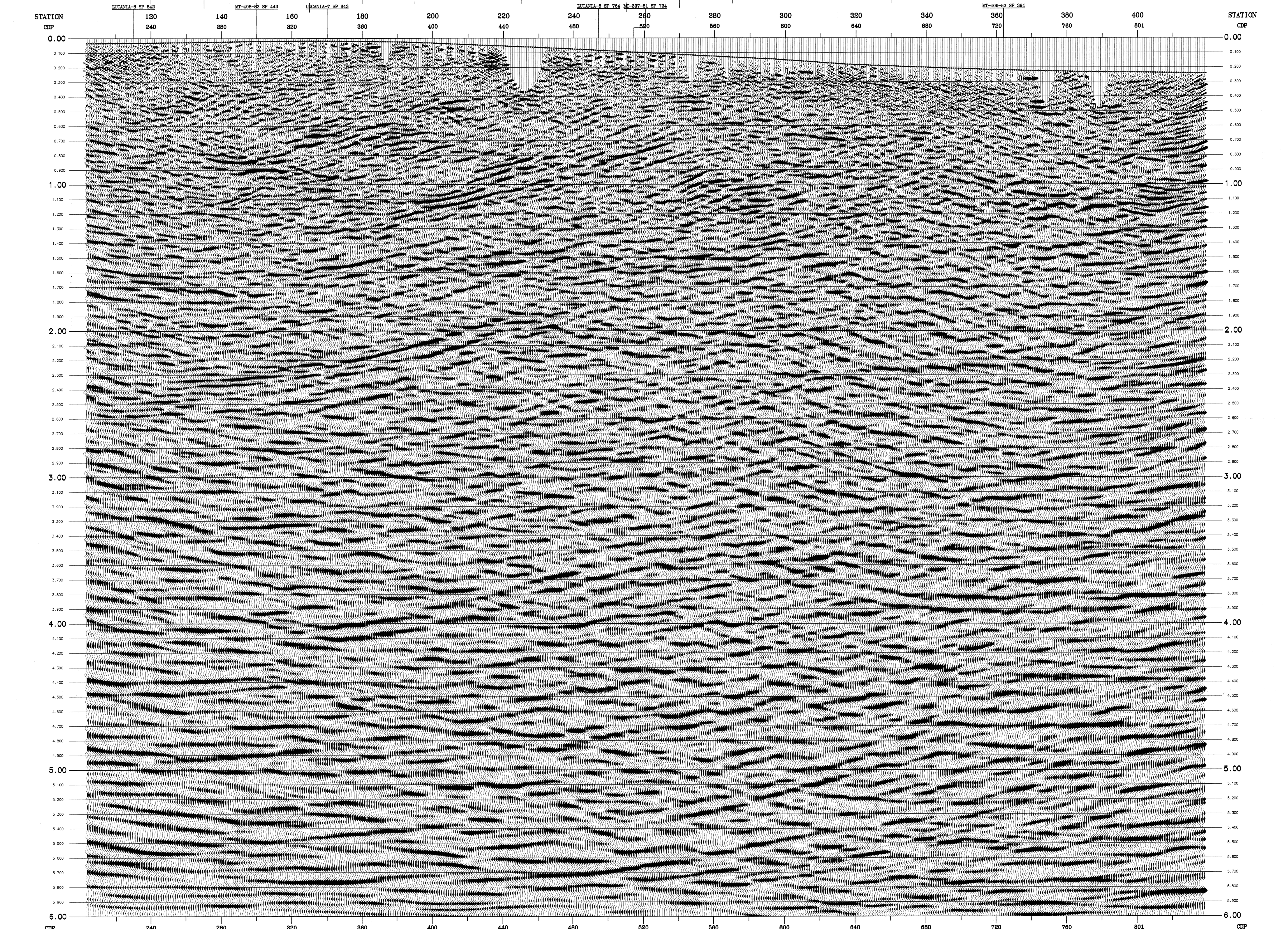


LINE MT-TR-99-04 FINAL MIGRATION



TIME	YBMS	VINT	TIME	YBMS	VINT	TIME	YBMS	VINT	TIME	YBMS	VINT	TIME	YBMS	VINT	TIME	YBMS	VINT	TIME	YBMS	VINT	TIME	YBMS	VINT	TIME	YBMS	VINT	TIME	YBMS	VINT	TIME	YBMS	VINT	TIME	YBMS	VINT	TIME	YBMS	VINT	TIME	YBMS	VINT	TIME	YBMS	VINT	TIME	YBMS	VINT												
10	2980	2980	10	2974	2974	10	2983	2983	10	2983	2983	10	2983	2983	10	2983	2983	10	2983	2983	10	2983	2983	10	2983	2983	10	2983	2983	10	2983	2983	10	2983	2983	10	2983	2983	10	2983	2983	10	2983	2983	10	2983	2983	10	2983	2983	10	2983	2983	10	2983	2983	10	2983	2983



Enclosure 2

**TRITON**  
 AREA: VALSINNI  
 LINE: MT-TR-99-04  
 SP : 101-419  
 SOUTH-EAST

**FINAL MIGRATION DATUM = 500M**

**RECORDING PARAMETERS**

RECORDED BY	SCHUMBERGER	DATE SHOT	06/11-12/11/99
CREW	RIG 55-QP 1797	ENERGY SOURCE	DYNAMITE
RECORDING SYSTEM	NOBELSIS	GROUP INTERVAL	80 M.
NOISE FILTERS	OFF	SHOT INTERVAL	90 M.
FIELD FILTERS	CR-17-FREQ. (PH2)	NO. OF CHANNELS	840
TAPE FORMAT	SP-D	SHOOTING	SPLIT-BREAD
SAMPLE RATE	5 M.	COVERAGE	40 FOLD NOMINAL
DATA LENGTH	6 SECS	DATUM PLANE	500 M.

**FIELD CONFIGURATION**

TYPE	DIMENSION	PATTERN
RECEIVER PATTERN		
GEOMETRY TYPE	SM	FRONT FREQUENCY 10 MHZ
PATTERN	24 RECEIVER/GROUP LINEAR	
ARRAY LENGTH	50M	

**SPREAD DIAGRAM**

TR.1 TR.10 TR.21 TR.240  
50M 40M 40M 50M

**PROCESSING HISTORY**

PROCESSING 40 FOLD CIP STACK	PROCESSING SAMPLE RATE 4 MS.
REFORMAT	FROM SP-D FORMAT FIELD TAPES
RESAMPLED TO 4 MS.	WITH ANT-ALIAS FILTERS APPLIED
EDIT OF BAD TRACES	FROM SHOT RECORD DISPLAYS AND OBSERVER LOGS
FIRST BREAK MEAS.	BASED ON HAND PICKED FIRST BREAKS
GEOMETRY DEFINITION	STRAIGHT LINE USING SUPPLIED FIELD COORDINATES
SPHERICAL DIVERGENCE CORRECTION	SCALAR = 1 + 4 * T
FIELD STATICS CORRECTION	DATA PLANE = 500M. REPLACEMENT VELOCITY = 2700M/S APPLIED TO FLATLINE DATA
AUTOMATIC SWEET REMOVAL	BASED ON RELATIVE RMS TRACE AMPLITUDES
TRACE REGULARIZATION	AGC SOOMS, WITH REMOVABLE AGC AFTER F-K FILTER
SECT DOMAIN FK FILTER	SIG. FILTERS = 200M/TRACE PASS FILTER, 840/CHANNEL EDGE
FREQUENCY FILTER	SEE LOW-CUT CORN FILTER
BINNING	GATHERED INTO 1M. BINS 40 FOLD NOMINAL
NOISE FILTER	BASED ON TRACE BY TRACE PEAK FREQUENCY AND AGC APPLICATION GATES 100-2000M CORN FILTER
DECONVOLUTION BEFORE STACK	TYPE 1 - RESIDUAL CONSISTENT WHITENING CHANNEL FILTERS DESIGN GATE 48 M. 1.3 - 1.5 SECS 0.815 M.
INITIAL VELOCITY ANALYSIS	'DIVAN' INTERACTIVE VELOCITY ANALYSIS
RESIDUAL STATICS APPLICATION	RESIDUAL CONSISTENT RESIDUAL FROM MEASUREMENT CORRECTED GATHERS 24M WIDELINE STATIC 1 TRACEL FILTER
TRACE REGULARIZATION	AGC SOOMS WITH REMOVABLE AGC AFTER F-K DECONVOLUTION
NOISE ATTENUATION	SECT DOMAIN F-K DECONVOLUTION
INTERMEDIATE VELOCITY ANALYSIS	'DIVAN' INTERACTIVE VELOCITY ANALYSIS
END-PASS RESIDUAL STATICS APPLICATION	RESIDUAL CONSISTENT RESIDUAL FROM MEASUREMENT CORRECTED GATHERS 24M WIDELINE STATIC 1 TRACEL FILTER
FINAL VELOCITY ANALYSIS	WIDE LINE INTERACTIVE ON 'VELOCORSE' VELOCITIES OBTAINED FROM FINAL VELOCITY ANALYSIS
NORMAL MOVEMENT CORRECTION	
MUTE OF NMO STRUCTURE	GEMM (M.) TIME (M.) 840 800 1100 800 2800 800 1800
TRACE REGULARIZATION	AGC 750 M.
COMMON DEPTH POINT STACK	40 FOLD NOMINAL
DECONVOLUTION AFTER STACK	TYPE 1 - RESIDUAL CONSISTENT WHITENING CHANNEL FILTERS, INCLUDING RMS GAP. DESIGN GATE 48 M. 1.3 - 1.5 SECS 0.815 M.
NOISE ATTENUATION	F-K DECONVOLUTION
COHERENCY ENHANCEMENT	RADIAL PREDICTIVE FILTER FOR DATA ACQUISITION
MIGRATION	PRELUDE SEPT FIELD STACK ALGORITHM ONE OF 4 FILTERS APPLIED, INCLUDING VELOCITY PENULTION
TIME VARIANT BANDPASS FILTER	TIME (M.) BANDWIDTH (M.) 0 2500 1/240 = 87/25 1000 2500 1/240 = 87/25 2000 2500 1/240 = 87/25 3000 2500 1/240 = 87/25 SLOPES IN 20/20/20 SLOPES AGC GAIN=0.85, THRESHOLD=1
TRACE REGULARIZATION	RESIDUAL AGC GAIN=0.85, THRESHOLD=1
STATIC CORRECTION	FROM FLATLINE DATA TO DATUM = 500 M.

**DISPLAY PARAMETERS**

HORIZONTAL SCALE : 1:118,000    VERTICAL SCALE : 10 CM/MS  
 DATE: DECEMBER 1999    RID NUMBER:  
 PLOTTER: TERMAL    DPI: 400    STAB: ON    GAIN: 0.5  
 POLARITY: 500 STAB: -    COMPENSATION: REVERSE AS A NEGATIVE NUMBER ON TAPE  
 (CREATED AS A NEGATIVE NUMBER ON TAPE)  
 QUALITY CONTROL: C. H. S.    DATE: 11/11/99

**VERITAS DGC LIMITED,**  
**CROMPTON WAY**  
**CRAWLEY,**  
**WEST SUSSEX RH10 2QR**  
**ENGLAND**  
 PROCESSED ON A VERITAS COMPUTER USING  
 VERITAS'S PROPRIETARY SOFTWARE