PUGET SOUND SEISMIC-REFLECTION SURVEY
1987

UNITED STATES GEOLOGICAL SURVEY
PUGET SOUND
LINE: 6
FINAL STACK

NORTH

PROCESSED BY: USGS
BRANCH OF GEOLOGIC RISK ASSESSMENT
LINE 6
SHILSHOLE BAY TO EVERETT

RECORDING PARAMETERS

RECORDED BY:	USGS	DATE RECORDED:	APRIL-1987
RECORDING VEH.:	VOX MIDOUT		
RECORDING SYS.:	GUNDR C	SECONDARY NAV.:	GPS
SOURCE TYPE:	AIR GUN	PRIMARY NAV.:	GPS
SOURCE SIZE:	WATER GUN	GUN OPERATING DEPTH:	3 METERS
SOURCE DEPTH:	3 METERS		
NOMINAL FOLD:	12		
RECORD CHANNELS:	24		
RECORD LENGTH:	6.0 SECONDS	SAMPLE INTERVAL:	0.50 METERS
		TRACE INTERVAL:	6.25 METERS
RECORD FILTERS:	48 HZ	CABLE TYPE:	24 CH TELEDYNE
NOTCH:	OFF		
LOW:	12 HZ/OCTAVE		
HIGH:	48 HZ/OCTAVE	NOMI TRACE #:	24
60 HZ NOTCH:	OFF	FOLD:	12

SPREAD CONFIGURATION

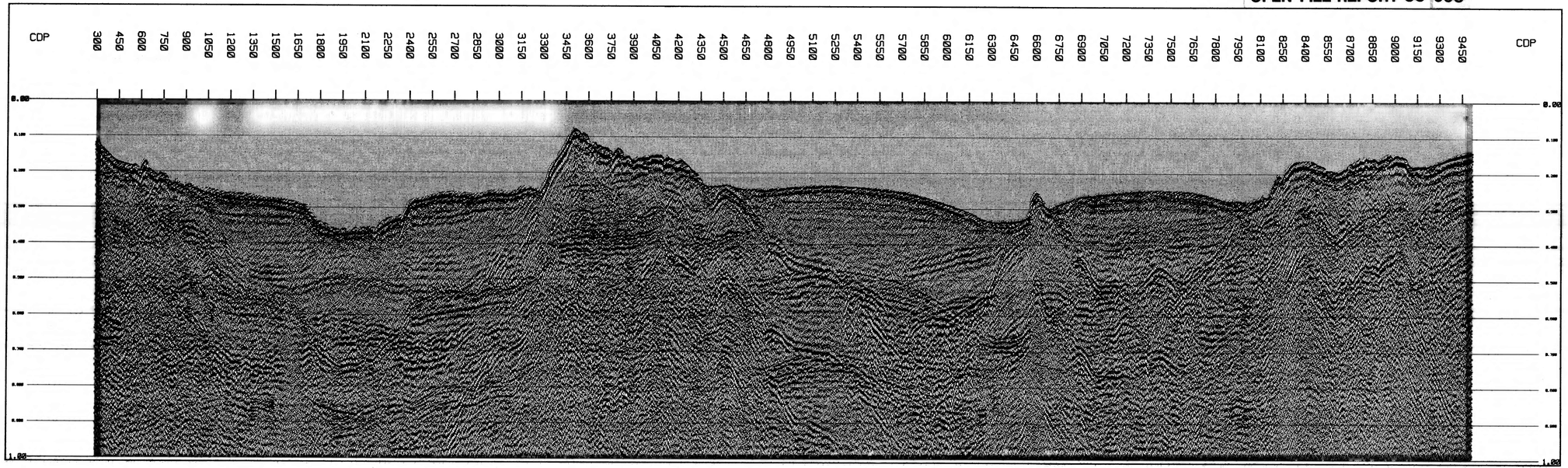
TR 1 — TR 24 — SOURCE — SHIP ANTENNA

← 138 M → ← 59 M → ← 25 M →

PROCESSING SEQUENCE

1 DEMULTIPLEX
2 RECORDING GAIN REMOVAL
3 GEOMETRY DEFINITION
4 TRACE EDITING
5 CDP SORT 12 FOLD
6 VELOCITY ANALYSIS
7 PRELIMINARY STACK
8 NORMAL MOVEOUT CORRECTION
9 STACK 12 FOLD
10 AGC GATE 200 MS
11 SPECTRAL WHITENING
12 GAP DECONVOLUTION GAP WATER DEPTH
13 MUTE AT WATER DEPTH
14 BANDPASS FILTER
TIME: BANDPASS
0 - 2000 MS 30/45 -100/200
15 VERTICAL STACK 6 TO 1
16 DISPLAY
TRACES PER INCH: 50
VERTICAL SCALE: 8 INCHES / SEC
DISPLAY DATE: OCTOBER, 1988

USERNAME: HARDING PLOT JOB(S): 39 G: 1 C: 1 DATE: 29-DEC-88 16:23
RMS = 0.526286E+08 GAIN = 1.00000 JOB NO: 6 LINE L6
PROJECT: PUGET POLARITY - POSITIVE DATA: 1000MS 6 1. SAMPLES)
SECOND AVERAGE USING 4 WINDOWS OVER ENTIRE TRACE INCLUDING ZERO SAMPLES



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