PLATE 2

PUGET SOUND SEISMIC-REFLECTION SURVEY
1987

UNITED STATES GEOLOGICAL SURVEY
PUGET SOUND
LINE: 1
FINAL STACK

NORTHEAST

PROCESSED BY: USGS
BRANCH OF GEOLOGIC RISK ASSESSMENT
LINE 1 AND 2
LAKE WASHINGTON, SEATTLE, WA

RECORDING PARAMETERS

RECORDED BY:	USGS	DATE RECORDED:	26-APRIL-1987
VERSION NO.:	NOAA RECOUNT	SECONDARY NAV.:	GPS
INSTRUMENT TYPE:	DORAN 7	SHOT INTERVAL:	18 MS
TYPE OF SOURCE:	AIRGUN	GUN OPERATING DEPTH:	3 METERS
TOTAL GUN VOL.:	10 CU. INCHES		
TAPE FORMAT:	3CC-9 1600 BPI	SOURCE INTERVAL:	6.25 METERS
NO. OF CHANNELS:		TRACE INTERVAL:	6.25 METERS
RECORD LENGTH:	2.0 SECONDS		
RECORD FILTER:		CABLE TYPE:	24 CH TELEDYNE
LOW CUT:	45 HZ		
LOW SLOPE:	18 DB/OCTAVE		
HIGH CUT:	90 HZ	NEAR TRACE #:	24
HIGH SLOPE:	36 DB/OCTAVE		
60 HZ NOTCH:	OUT	FOLD:	12

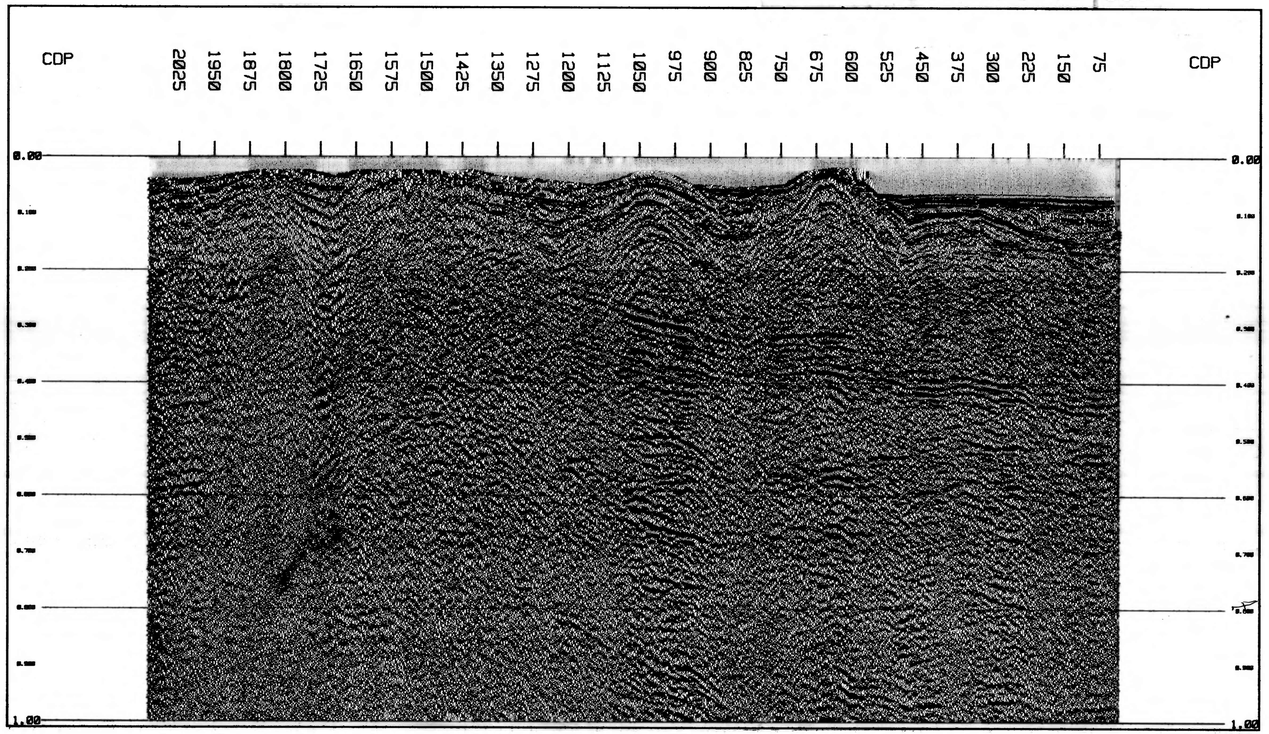
SPREAD CONFIGURATION:

TR 1 — TR 24 — SOURCE — SHIP ANTENNA
← 150 M → ← 50 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	AGC GATE 200	
8	SPECTRAL WHITENING	
9	PRELIMINARY STACK	
10	FIRST BREAK NOISE SUPPRESSION (MUTE)	
11	NORMAL MOVEOUT CORRECTION	
12	STACK 12 FOLD	
13	BANDPASS FILTER	
	TIME:	BANDPASS:
	0 - 2000 MS	30/45 -160/200
14	VERTICAL STACK 3 TO 1	
15	DISPLAY	
	TRACES PER INCH:	50
	VERTICAL SCALE:	8 INCHES / SEC
	DISPLAY DATE:	OCTOBER, 1988

USERNAME: HARDING PLOT JOBID: 9 G: 1 C: 1 DATE: 29-DEC-88 15:46
RMS = 0.79238E+08 GAIN = 1.00000 14 LINE L1
PROJECT : PUGET JOB NO.
POLARITY : NORMAL - POSITIVE DATR: 1000MS @ 1. SAMPLES)
SECOND AVERAGE USING 4 WINDOWS OVER ENTIRE TRACE INCLUDING ZERO SAMPLES



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