

SEISMIC OBSERVER'S REPORT FORM-A



JAPEX GEOSCIENCE INSTITUTE, INC.

LINE	MYG02-1	PROSPECT	宮城県地下構造調査02	AREA	仙台市宮城野区、若林区 太白区、名取市	CLIENT	宮城県	CREW NO.		OBSERVER	JGI	OBSERVER DATE:	2002/12/14 ~ 2002/12/20
GENERAL				AUX.CH.CONTENTS				FIELD SUMMATION AND X-CORRELATION					
LINE CONFIGURATION *Dual operation 				VIBROSEIS AUX CH. 1 CLOCK TB AUX CH. 2 RADIO VIB. AUX CH. 3 RADIO REF. AUX CH. 4(Filtered) REF. SWEEP CORR. AUX CH. 5(Filtered) REF. SWEEP				NO.OF SUMMATION(STANDARD) 5or10or20,(R)100 N/E WINDOW LENGTH (ms) 5000,(R)8000 N/E OVERLAP LENGTH (ms) - SUPPRESSION FACTOR 3 MINIMUM PHASE CONVERSION YES X-CORR. BEFORE STACK					
FIRST AND LAST VP. NO. VP.1 ~ VP.612,(R).1001 ~ 1004 TOTAL LINE Km. SHOT TO SHOT 15.275 Km TOTAL LINE Km. RECEIVER TO RECEIVER 15.275 Km TOTAL SHOT POINTS 150 VP (R)4 VP TOTAL RECEIVER LOCATIONS 612 ch AVERAGE SHOT POINT INTERVAL 75 m RECEIVER INTERVAL 25 m STANDARD CDP FOLD % NO. OF CH./EACH LINE/SHO 240 Ch/1LINE* 78 ch/1LINE (R)=511ch/1LINE* (R)=78 ch/1LINE				SEISMIC SOURCE TYPE OF SOURCE VIBRATOR Type Y-2400 (IVI),HEMI50 NO. OF SOURCE /SHOT(STANDARD) 3 (standard) FORCEOUT 90% (standard) VIBROSEIS SWEEP(STANDARD) FREQUENCY [8 ~ 50Hz] [(R)6 ~ 40Hz] LENGTH 24 SEC TAPER(START/END) 0.3sec (R)0.5sec SWEEP TYPE LINEAR (UP SWEEP)				TIME BREAK AND UP HOLE TIME DETECTION 					
SEISMIC RECORDING INSTRUMENT * GDAPS-4 RECORDING SYSTEM (JGI) * Pelton ESG,VCE * SWEEP COMPUTER				TYPICAL SOURCE ARRAY PATTERN move-up 				RECEIVER TO RECORDER CONNECTION (DRAW SCHEMATICS) 					
RECORDING SAMPLE RATE 4 msec RECORD LENGTH 5,(R)8 sec NOTCH FILTER - Hz OUT LOW CUT FILTER - Hz DB/OCT HIGH CUT FILTER 93.8 Hz DB/OCT PRE.AMP.GAIN SAME 24 dB DECIMMATION FILTER(VIBRATOR) MINIMUM PHASE				TYPE OF SOURCE NO.OF HOLES or SOURCES/SHOT AVERAGE CHARGE SIZE/SHOT AVERAGE SOURCE DEPTH TYPICAL SOURCE PATTERN(DRAW SCHEMATICS)				SEISMIC RECEIVER GEOPHONE TYPE SM-7 FREQUENCY 10 Hz NO.OF UNITS/LOCATION 9 CONNECTION 3SERIES,3PARALLEL PATTERN(DRAW SCHEMATICS) 					
TAPE FORMAT TYPE 3490E CARTRIDGE TAPE TAPE FORMAT SEG-Y FIELD TAPE REEL NUBER OF THIS LINE REEL No. 1~4, 11~13				REMARKS *(R)=Refraction shot [2002/12/17 ~ 12/18] *Dual Operation Loc.511 ~ Low Loc.535 ~ High *DEAD location Loc.149,186,205 交差点 Loc.512 ~ 534 名取川									