

SEISMIC OBSERVER'S REPORT FORM-A

LINE	CHIBA03-1	PROSPECT 千葉県地下構造調査03	AREA 市原市～長生郡長南町	CLIENT CHIBA PREF.	CREW NO.	OBSERVER JGI	OBSERVER DATE: 2003/8/25 ~ 2003/9/3
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GENERAL		AUX.CH.CONTENTS	FIELD SUMMATION AND X-CORRELATION
LINE CONFIGURATION (DRAW SCHEMATICS) 		VIBROSEIS AUX CH. 1(UnFil) CLOCK TB AUX CH. 2(UnFil) RADIO VIB AUX CH. 3(UnFil) RADIO REF AUX CH. 4(Fil) REF SWEEP(Corr) AUX CH. 5(Fil) REF SWEEP	NO.OF SUMMATION 20 N/E WINDOW LENGTH (ms) 6500 N/E OVERLAP LENGTH (ms) 3250 SUPPRESSION FACTER 2 MINIMUM PHASE CONVERSION No X-CORR. C.A.S.
FIRST AND LAST SP. NO. VP 24 ~ SP 3153 TOTAL LINE Km. SHOT TO SHOT Km TOTAL LINE Km. RECEIVER TO RECEIVER 24.400 Km TOTAL SHOT POINTS [反射]含むMS2kline SHOT 195 POINTS TOTAL RECEIVER LOCATIONS [屈折] 774 Ch AVERAGE SHOT POINT INTERVAL 50 m RECEIVER INTERVAL 25 m STANDARD CDP FOLD % NO. OF CH./EACH LINE/SHOT 300or977ch/1LINE		SEISMIC SOURCE TYPE OF SOURCE Y-2400,HEMI-50(VIBRATOR) NO.OF VIBS/SHOT 3,(R)4 FORCE OUT/SHOT High Force70or90% , Low Force50% VIBROSEIS SWEEP FREQUENCY 8-50 Hz (R)6-40 Hz LENGTH 16 sec (R)20sec START TAPER 0.3or0.5 sec END TAPER 0.3or0.5sec SWEEP TYPE Linear Up TYPICAL SOURCE PATTERN (DRAW SCHEMATICS) VP.# <Fixed Shot>	TIME BREAK AND UP HOLE TIME DETECTION (DRAW SCHEMATICS) R.T.
SEISMIC RECORDING INSTRUMENT * G·DAPS-4A RECORDING SYSTEM * MACHA<M/S Controller,Blaster> * PELTON E.S.G. , V.C.E.		TYPE OF SOURCE NO.OF HOLES or SOURCES/SHOT Holes STANDARD CHARGE SIZE/SHOT Kg OTHER CHARGE SIZE/SHOT Kg STANDARD SOURCE DEPTH m OTHER SOURCE DEPTH m	RECEIVER TO RECORDER CONNECTION (DRAW SCHEMATICS)
RECORDING SAMPLE RATE 4 msec RECORD LENGTH 10 sec LOW CUT FILTER - HIGH CUT FILTER 108 Hz PRE-AMP.GAIN 30dB DECIMATION FILTER P Linear		TYPICAL SOURCE PATTERN (DRAW SCHEMATICS)	SEISMIC RECEIVER GEOPHONE TYPE SM-7 FREQUENCY 10 Hz NO.OF UNITS/LOCATION 9 UNITS/Loc. CONNECTION 3 SERIES 3 PARALLEL PATTERN (DRAW SCHEMATICS) Loc.
TAPE FORMAT TYPE 3490E Cartridge SEG-Y FIELD TAPE REEL NUBER OF THIS LINE REEL No. 1001 ~ 1006			

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LINE	CHIBA03-1	PROSPECT 千葉県地下構造調査03	AREA 市原市 ~ 長生郡長南町	CLIENT CHIBA PREF.	CREW NO.	OBSERVER JGI	OBSERVER DATE: 2003/8/25 ~ 2003/9/3
GENERAL		AUX.CH.CONTENTS			FIELD SUMMATION AND X-CORRELATION [屈折]		
LINE CONFIGURATION (DRAW SCHEMATICS) 		AIR-GUN AUX CH. 1(UnFil) CLOCK TB AUX CH. 2(UnFil) CONF TB AUX CH. 3(UnFil) UP HOLE AUX CH. 4(Fil) AUX CH. 5(Fil)			NO.OF SUMMATION 50 N/E WINDOW LENGTH (ms) 20000 N/E OVERLAP LENGTH (ms) - SUPPRESSION FACTOR 2 MINIMUM PHASE CONVERSION Non X-CORR.		
FIRST AND LAST SP. NO. SP 6000 ~ SP 7000 TOTAL LINE Km. SHOT TO SHOT 6.000 Km TOTAL LINE Km. RECEIVER TO RECEIVER 24.400 Km TOTAL SHOT POINTS [反射] 120 POINTS [屈折] 2 POINTS TOTAL RECEIVER LOCATIONS 977 Ch AVERAGE SHOT POINT INTERVAL 50 m RECEIVER INTERVAL 25 m STANDARD CDP FOLD % NO. OF CH./EACH LINE/SHOT 300or977ch/1LINE		SEISMIC SOURCE TYPE OF SOURCE NO. OF VIBS/SHOT FORCE OUT/SHOT VIBROSEIS SWEEP FREQUENCY LENGTH START TAPER SWEEP TYPE TYPICAL SOURCE PATTERN (DRAW SCHEMATICS)			TIME BREAK AND UP HOLE TIME DETECTION (DRAW SCHEMATICS) AIRGUN 		
SEISMIC RECORDING INSTRUMENT * G·DAPS-4A RECORDING SYSTEM * Macha M/S Controller , M/S Source Unit * Macha TGS-8 RECORDING DynaMaite SAMPLE RATE 4 msec RECORD LENGTH 10,20 sec LOW CUT FILTER - HIGH CUT FILTER 108 Hz PRE-AMP.GAIN 30dB DECIMATION FILTER PHASE LINEAR		TYPE OF SOURCE 1500LL GUN NO.OF HOLES or SOURCES/SHOT 6 PRESSURE 2000 psi AVERAGE GUN DEPTH 10m TOTAL VOLUME 1500cu.in GENERATION METHOD TYPICAL SOURCE PATTERN(DRAW SCHEMATICS)			(DRAW SCHEMATICS) 		
TAPE FORMAT TYPE 3490E Cartridge SEG-Y FIELD TAPE REEL NUBER OF THIS LINE REEL No. 1003,1004,1006		PORT Cluster(600cuSTB Cluster(900cuin) 200cuin/GUN 300cuin/GUN 			SEISMIC RECEIVER GEOPHONE TYPE SM-7 FREQUENCY 10 Hz NO.OF UNITS/LOCATION 9 UNITS/Loc. CONNECTION 3 SERIES 3 PARALLEL PATTERN (DRAW SCHEMATICS)		

SEISMIC OBSERVER'S REPORT FORM-A

LINE	CHIBA03-1	PROSPECT 千葉県地下構造調査03	AREA 市原市～長生郡長南町	CLIENT CHIBA PREF.	CREW NO.	OBSERVER JGI	OBSERVER DATE: 2003/8/25 ~ 2003/9/3
GENERAL		AUX.CH.CONTENTS			FIELD SUMMATION AND X-CORRELATION		
LINE CONFIGURATION (DRAW SCHEMATICS) 		DYNAMITE AUX CH. 1(UnFil) CLOCK TB AUX CH. 2(UnFil) CONF TB AUX CH. 3(UnFil) UP HOLE AUX CH. 4(Fil) AUX CH. 5(Fil)			NO.OF SUMMATION N/E WINDOW LENGTH (ms) N/E OVERLAP LENGTH (ms) SUPPRESSION FACTOR MINIMUM PHASE CONVERSION X-CORR.		
FIRST AND LAST SP. NO. SP 3000 TOTAL LINE Km. SHOT TO SHOT - Km TOTAL LINE Km. RECEIVER TO RECEIVER 24.400 Km TOTAL SHOT POINTS 1 POINTS TOTAL RECEIVER LOCATIONS 977 Ch AVERAGE SHOT POINT INTERVAL - m RECEIVER INTERVAL 25 m STANDARD CDP FOLD % NO. OF CH./EACH LINE/SHOT 977ch/1LINE		SEISMIC SOURCE TYPE OF SOURCE NO. OF VIBS/SHOT FORCE OUT/SHOT VIBROSEIS SWEEP FREQUENCY LENGTH START TAPER SWEEP TYPE TYPICAL SOURCE PATTERN (DRAW SCHEMATICS)			TIME BREAK AND UP HOLE TIME DETECTION (DRAW SCHEMATICS) 		
SEISMIC RECORDING INSTRUMENT * G·DAPS-4A RECORDING SYSTEM * MACHA<M/S Controller,Blaster> RECORDING SAMPLE RATE 4 msec RECORD LENGTH 60 sec LOW CUT FILTER - HIGH CUT FILTER 108 Hz PRE-AMP.GAIN 30dB DECIMATION FILTER PHASE LINEAR		TYPE OF SOURCE DYNAMITE NO.OF HOLES or SOURCES/SHOT 1 Holes STANDARD CHARGE SIZE/SHOT 100 Kg OTHER CHARGE SIZE/SHOT - Kg STANDARD SOURCE DEPTH 50 m OTHER SOURCE DEPTH - m TYPICAL SOURCE PATTERN (DRAW SCHEMATICS) 			RECEIVER TO RECORDER CONNECTION (DRAW SCHEMATICS) 		
TAPE FORMAT TYPE 3490E Cartridge SEG-Y FIELD TAPE REEL NUBER OF THIS LINE REEL No. 1005		SEISMIC RECEIVER GEOPHONE TYPE SM-7 FREQUENCY 10 Hz NO.OF UNITS/LOCATION 9 UNITS/Loc. CONNECTION 3 SERIES 3 PARALLEL PATTERN (DRAW SCHEMATICS) 					

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT		LINE						DATE		WEATHER		WIND		TEMP	OBSERVER		PAGE	
千葉県地下構造調査03		CHIBA03-1 (E W)						2003/8/25		FINE		LIGHT			T.TSUTSUI		1	
REEL NO. 1001		SOURCE						RECEIVER				RECORD			BAD TRACES	REMARKS		
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (sec)	Overlap Length (sec)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	REMARKS
									CH.1	CH.351	CH.	CH.						
1	D.R								627	-	977							Reel # 1 B.O.T.
2	S.R.								627	-	977							Dynamic Range
3	S.N.								627	-	977							System Response
4	G.P.								627	-	977							System Noise
5	G.N.								627	-	977							Geophone Pulse
6	T-1	90%	3	Fix				765.0	627	-	977	5	6.5	3.25	2			Ground Noise
7	T-2	90%	3	Fix				765.0	627	-	977	10	6.5	3.25	2			SweepFreq8-40Hz
8	T-3	90%	3	Fix				765.0	627	-	977	20	6.5	3.25	2			SweepFreq8-40Hz
9	T-4	90%	3	Fix				765.0	627	-	977	5	6.5	3.25	2			SweepFreq8-50Hz
10	T-5	90%	3	Fix				765.0	627	-	977	20	6.5	3.25	2			SweepFreq8-50Hz
11	761	90%	3	Fix				761.0	627	-	977	20	6.5	3.25	2			
12	753.5	50%	1	Fix				753.5	627	-	977	20	6.5	3.25	2			
13	742	70%	3	Fix				742.0	627	-	977	20	6.5	3.25	2			
14	729	70%	3	Fix				729.0	627	-	977	20	6.5	3.25	2			
15	720	50%	3	Fix				720.0	627	-	977	20	6.5	3.25	2			
16	715	50%	3	Fix				715.0	627	-	977	20	6.5	3.25	2			
17	710	50%	3	Fix				710.0	627	-	977	20	6.5	3.25	2			
18	705.5	50%	3	Fix				705.5	627	-	977	20	6.5	3.25	2			
19	683	50%	1	Fix				683.0	627	-	977	20	6.5	3.25	2			
20	654	90%	2	Fix				654.0	627	-	977	20	6.5	3.25	2			

SEISMIC OBSERVER'S REPORT FORM-B

PROSPECT		LINE						DATE		WEATHER		WIND		TEMP	OBSERVER		PAGE		
千葉県地下構造調査03		CHIBA03-1 (E W)						2003/8/26		CLOUDY		LIGHT			T.TSUTSUI		3		
REEL NO. 1002		SOURCE						RECEIVER				RECORD			BAD TRACES	REMARKS			
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (sec)	Overlap Length (sec)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	REMARKS	
									CH.1	CH.300	CH.301	CH.537							
25	D.R								320	-	619	620	-	856				Reel # 2 B.O.T.	
26	S.R.								320	-	619	620	-	856				Dynamic Range	
27	S.N.								320	-	619	620	-	856				System Response	
28	G.P.								320	-	619	620	-	856				System Noise	
29	G.N.								320	-	619	620	-	856				Geophone Pulse	
30	617	90%	3	Fix				617.0	557	-	856				20	6.5	3.25	2	Ground Noise
31	607	90%	3	Fix				607.0	547	-	846				20	6.5	3.25	2	
32	600	90%	3	Fix				600.0	540	-	839				20	6.5	3.25	2	
33	594	90%	3	Fix				594.0	534	-	833				20	6.5	3.25	2	
34	588	90%	3	Fix				588.0	528	-	827				20	6.5	3.25	2	
35	580	90%	3	Fix				580.0	520	-	819				20	6.5	3.25	2	
36	573	90%	3	Fix				573.0	513	-	812				10	6.5	3.25	2	
37	567	90%	3	Fix				567.0	507	-	806				10	6.5	3.25	2	
38	558	90%	3	Fix				558.0	498	-	797				20	6.5	3.25	2	
39	542	50%	1	Fix				542.0	482	-	781				10	6.5	3.25	2	
40	535.5	50%	1	Fix				535.5	475	-	774				10	6.5	3.25	2	
41	501	90%	3	Fix				501.0	441	-	740				20	6.5	3.25	2	
42	495	90%	3	Fix				495.0	435	-	734				20	6.5	3.25	2	
43	487	50%	3	Fix				487.0	427	-	726				10	6.5	3.25	2	
44	480	50%	3	Fix				480.0	420	-	719				20	6.5	3.25	2	

PROSPECT 千葉県地下構造調査03	LINE CHIBA03-1 (E W)	DATE 2003/8/26	WEATHER FINE	WIND LIGHT	TEMP	OBSERVER T.TSUTSUI	PAGE 4
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REEL NO. 1002		SOURCE							RECEIVER				RECORD				BAD TRACES	REMARKS	
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (sec)	Overlap Length (sec)	Power Factor	DEAD(D), WILD(W)) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	REMARKS	
									CH.1	CH.300	CH.	CH.							
45	473	90%	3	Fix				473.0	413	-	712			20	6.5	3.25	2		
46	437.5	50%	3	Fix				437.5	377	-	676			20	6.5	3.25	2		
47	434	50%	3	Fix				434.0	374	-	673			10	6.5	3.25	2		
48	428	50%	1	Fix				428.0	368	-	667			10	6.5	3.25	2		
49	416.5	90%	3	Fix				416.5	356	-	655			20	6.5	3.25	2		
50	413	50%	3	Fix				413.0	353	-	652			20	6.5	3.25	2		
51	403	50%	3	Fix				403.0	343	-	642			20	6.5	3.25	2		
52	395	50%	1	Fix				395.0	335	-	634			10	6.5	3.25	2		
53	380	50%	1	Fix				380.0	320	-	619			10	6.5	3.25	2		
54	368	50%	2	Fix				368.0	308	-	607			10	6.5	3.25	2		
55	361	50%	3	Fix				361.0	301	-	600			20	6.5	3.25	2		
56	351	90%	3	Fix				351.0	291	-	590			20	6.5	3.25	2		
57	347	90%	3	Fix				347.0	287	-	586			20	6.5	3.25	2		
58	338	90%	3	Fix				338.0	278	-	577			20	6.5	3.25	2		
59	321.5	50%	2	Fix				321.5	261	-	560			10	6.5	3.25	2		
60	310.5	90%	3	Fix				310.5	250	-	549			20	6.5	3.25	2		
61	294	90%	3	Fix				294.0	234	-	533			20	6.5	3.25	2		
62	288	50%	3	Fix				288.0	228	-	527			20	6.5	3.25	2		
63	283	90%	3	Fix				283.0	223	-	522			20	6.5	3.25	2		
64	277	90%	3	Fix				277.0	217	-	516			20	6.5	3.25	2		

SEISMIC OBSERVER'S REPORT FORM-B



REEL NO. 1002		SOURCE							RECEIVER				RECORD			BAD TRACES	REMARKS	
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (sec)	Overlap Length (sec)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	
									CH.1	CH.300	CH.	CH.						
65	271	50%	3	Fix				271.0	211	-	510			20	6.5	3.25	2	
66	263	50%	2	Fix				263.0	203	-	502			10	6.5	3.25	2	
67	G.N.								203	-	502							Ground Noise

RecLength10sec/Sample4msec
 SweepFreq8-50Hz/SweepLength16sec
 PreAmpGain30dB
 *DEAD Location,927.876-879.744.669.670.625.626

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PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE					
千葉県地下構造調査03		CHIBA03-1 (E W)		2003/8/27		RAINY/CLOUDY		LIGHT				T.TSUTSUI		6					
REEL NO. 1002		SOURCE						RECEIVER				RECORD			BAD TRACES		REMARKS		
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (sec)	Overlap Length (sec)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	RecLength10sec/Sample4msec SweepFreq8-50Hz/SweepLength16sec PreAmpGain30dB DEADlocation,927.876-879.744.669.670.625.626.174	
									CH.1	CH.300	CH.301	CH.492							
68	D.R								1	-	300	301	-	492					Dynamic Range
69	S.R.								1	-	300	301	-	492					System Response
70	S.N.								1	-	300	301	-	492					System Noise
71	G.P.								1	-	300	301	-	492					Geophone Pulse
72	G.N.								1	-	300	301	-	492					Ground Noise
73	253	50%	3	Fix				253.0	193	-	492				10	6.5	3.25	2	
74	244	50%	3	Fix				244.0	184	-	483				20	6.5	3.25	2	
75	236	50%	3	Fix				236.0	176	-	475				20	6.5	3.25	2	
76	227	50%	3	Fix				227.0	167	-	466				20	6.5	3.25	2	
77	220	90%	3	Fix				220.0	160	-	459				20	6.5	3.25	2	
78	213	90%	3	Fix				213.0	153	-	452				20	6.5	3.25	2	
79	207	90%	3	Fix				207.0	147	-	446				20	6.5	3.25	2	
80	202	50%	3	Fix				202.0	142	-	441				20	6.5	3.25	2	
81	194.5	20%	1	Fix				194.5	134	-	433				10	6.5	3.25	2	
82	186	40%	2	Fix				186.0	126	-	425				10	6.5	3.25	2	
83	179.5	40%	2	Fix				179.5	119	-	418				10	6.5	3.25	2	
84	167	40%	2	Fix				167.0	107	-	406				20	6.5	3.25	2	
85	162	40%	1	Fix				162.0	102	-	401				20	6.5	3.25	2	
86	157	40%	1	Fix				157.0	1	-	300				10	6.5	3.25	2	
87	150	40%	1	Fix				150.0	1	-	300				10	6.5	3.25	2	



PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE					
千葉県地下構造調査03		CHIBA03-1 (E W)		2003/8/27		CLOUDY		LIGHT				T.TSUTSUI		7					
REEL NO. 1002		SOURCE							RECEIVER				RECORD				BAD TRACES	REMARKS	
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (sec)	Overlap Length (sec)	Power Factor	DEAD(D), WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)		
									CH.1	CH.300	CH.	CH.							
88	139	40%	2	Fix				139.0	1	-	300			10	6.5	3.25	2		
89	134	40%	2	Fix				134.0	1	-	300			20	6.5	3.25	2		
90	126	20%	1	Fix				126.0	1	-	300			10	6.5	3.25	2		
91	121	20%	1	Fix				121.0	1	-	300			10	6.5	3.25	2		
92	115.5	20%	2	Fix				115.5	1	-	300			10	6.5	3.25	2		
93	108	40%	2	Fix				108.0	1	-	300			10	6.5	3.25	2		
94	2100	40%	2	Fix				2100.0	1	-	300			10	6.5	3.25	2		Offset shot
95	2090	40%	2	Fix				2090.0	1	-	300			20	6.5	3.25	2		Offset shot
96	2080	40%	2	Fix				2080.0	1	-	300			20	6.5	3.25	2		Offset shot
97	63	20%	2	Fix				63.0	1	-	300			10	6.5	3.25	2		
98	35	20%	2	Fix				35.0	1	-	300			10	6.5	3.25	2		
99	24	20%	2	Fix				24.0	1	-	300			10	6.5	3.25	2		
100	G.N.								1	-	300								Ground Noise

RecLength10sec/Sample4msec
SweepFreq8-50Hz/SweepLength16sec
PreAmpGain30dB
DEADlocation,927.876-879.744.669.670.625.626.174

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PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE				
千葉県地下構造調査03		CHIBA03-1 (E W)		2003/8/28		CLOUDY		LIGHT				T.TSUTSUI		8				
REEL NO. 1002		SOURCE						RECEIVER				RECORD			BAD TRACES	REMARKS		
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (sec)	Overlap Length (sec)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	REMARKS
									CH.1	CH.300	CH.	CH.						
101	D.R								1	-	300							Dynamic Range
102	S.R.								1	-	300							System Response
103	S.N.								1	-	300							System Noise
104	G.P.								1	-	300							Geophone Pulse
105	G.N.								1	-	300							Ground Noise
106	G.N.								1	-	300	1	6.5	3.25	2			Ground Noise
107	2218	40%	1	Fix				2218.0	1	-	300	20	6.5	3.25	2			Master/Slave Shot(Offset shot)
108	2216	50%	3	Fix				2216.0	1	-	300	20	6.5	3.25	2			Master/Slave Shot(Offset shot)
109	2214	50%	3	Fix				2214.0	1	-	300	20	6.5	3.25	2			Master/Slave Shot(Offset shot)
110	2211.5	50%	3	Fix				2211.5	1	-	300	20	6.5	3.25	2			Master/Slave Shot(Offset shot)
111	2210	50%	3	Fix				2210.0	1	-	300	20	6.5	3.25	2			Master/Slave Shot(Offset shot)
112	2207.5	50%	3	Fix				2207.5	1	-	300	20	6.5	3.25	2			Master/Slave Shot(Offset shot)
113	2206	50%	3	Fix				2206.0	1	-	300	20	6.5	3.25	2			Master/Slave Shot(Offset shot)
114	2203	50%	3	Fix				2203.0	1	-	300	20	6.5	3.25	2			Master/Slave Shot(Offset shot)
115	2201	50%	3	Fix				2201.0	1	-	300	20	6.5	3.25	2			Master/Slave Shot(Offset shot)
116	2021	50%	3	Fix				2021.0	1	-	300	20	6.5	3.25	2			Master/Slave Shot(Offset shot)
117	G.N.								1	-	300							Ground Noise
																		E.O.T

RecLength10sec/Sample4msec
 SweepFreq8-50Hz/SweepLength16sec
 PreAmpGain30dB
 DEADlocation,927.876-879.744.669.670.625.626.174

SEISMIC OBSERVER'S REPORT FORM-B

PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE				
千葉県地下構造調査03		CHIBA03-1 (E W)		2003/8/29		FINE		LIGHT				T.TSUTSUI		9				
FIELD TAPE		SOURCE						RECEIVER				PROCESS()		BAD TRACES		REMARKS		
REEL NO. 1003		PRESSURE(PSI)	TOTAL VOLUME(CU.IN)	GUN DEPTH(m)	UP HOLE TIME(ms)	LATERAL OFFSET(m)	INLINE OFFSET(m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				Record Length (sec)	Sample Rate (ms)	Pre-Amp Gain (dB)	Decimation Filter Phase	DEAD(D), WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	Reel # 3 B.O.T.
FIELD REC. FILE NO.	SP or VP NO.								CH1	CH.300	CH	CH						
118	D.R								1	-	300							Dynamic Range
119	S.R.								1	-	300							System Response
120	S.N.								1	-	300							System Noise
121	G.P.								1	-	300							Geophone Pulse
122	G.N.								1	-	300							Ground Noise
123	6001	2000	1500	8				6001	1	-	300	10	4	30	Linear			
124	6002	"	"	8				6002	1	-	300	10	4	30	Linear			
125	6003	"	"	8				6003	1	-	300	10	4	30	Linear			
126	6004	"	"	8				6004	1	-	300	10	4	30	Linear			
127	6005	"	"	8				6005	1	-	300	10	4	30	Linear			
128	6006	"	"	8				6006	1	-	300	10	4	30	Linear			
129	6007	"	"	8				6007	1	-	300	10	4	30	Linear			
130	6008	"	"	8				6008	1	-	300	10	4	30	Linear			
131	6009	"	"	8				6009	1	-	300	10	4	30	Linear			
132	6010	"	"	8				6010	1	-	300	10	4	30	Linear			
133	6011	"	"	8				6011	1	-	300	10	4	30	Linear			
134	6012	"	"	8				6012	1	-	300	10	4	30	Linear			
135	6013	"	"	8				6013	1	-	300	10	4	30	Linear			
136	6014	"	"	8				6014	1	-	300	10	4	30	Linear			
137	6015	"	"	8				6015	1	-	300	10	4	30	Linear			
138	6016	"	"	8				6016	1	-	300	10	4	30	Linear			
139	6017	"	"	8				6017	1	-	300	10	4	30	Linear			
140	6018	"	"	8				6018	1	-	300	10	4	30	Linear			
141	6019	"	"	8				6019	1	-	300	10	4	30	Linear			
142	6020	"	"	8				6020	1	-	300	10	4	30	Linear			
143	6021	"	"	8				6021	1	-	300	10	4	30	Linear			
144	6022	"	"	8				6022	1	-	300	10	4	30	Linear			
145	6023	"	"	8				6023	1	-	300	10	4	30	Linear			
146	6024	"	"	8				6024	1	-	300	10	4	30	Linear			
147	6025	"	"	8				6025	1	-	300	10	4	30	Linear			
148	6026	"	"	8				6026	1	-	300	10	4	30	Linear			
149	6027	"	"	8				6027	1	-	300	10	4	30	Linear			
150	6028	"	"	8				6028	1	-	300	10	4	30	Linear			
151	6029	"	"	8				6029	1	-	300	10	4	30	Linear			
152	6030	"	"	8				6030	1	-	300	10	4	30	Linear			
153	6031	"	"	8				6031	1	-	300	10	4	30	Linear			
154	6032	"	"	8				6032	1	-	300	10	4	30	Linear			
155	6033	"	"	8				6033	1	-	300	10	4	30	Linear			
156	6034	"	"	8				6034	1	-	300	10	4	30	Linear			
157	6035	"	"	8				6035	1	-	300	10	4	30	Linear			

SEISMIC OBSERVER'S REPORT FORM-B

千葉県地下構造調査03					CHIBA03-1 (E W)			2003/8/29		FINE		LIGHT		T.TSUTSUI		10		
FIELD TAPE		SOURCE							RECEIVER				PROCESS()		BAD TRACES	REMARKS		
REEL NO. 1003		PRESSURE(Psi)	TOTAL VOLUME(CU.IN)	GUN DEPTH(m)	UP HOLE TIME(ms)	LATERAL OFFSET(m)	INLINE OFFSET(m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				Record Length (sec)	Sample Rate (ms)	Pre-Amp Gain (dB)	Decimation Filter Phase	DEADID, WILDID or POLARITY INVERSE(P) (NO. means Geophone location Number)	REMARKS
FIELD REC. FILE NO.	SP or VP NO.								CH1	CH.300	CH	CH						
158	6036	2000	1500	8				6036	1	-	300		10	4	30	Linear		
159	6037	"	"	8				6037	1	-	300		10	4	30	Linear		
160	6038	"	"	8				6038	1	-	300		10	4	30	Linear		
161	6039	"	"	8				6039	1	-	300		10	4	30	Linear		
162	6040	"	"	8				6040	1	-	300		10	4	30	Linear		
163	6041	"	"	8				6041	1	-	300		10	4	30	Linear		
164	6042	"	"	8				6042	1	-	300		10	4	30	Linear		
165	6043	"	"	8				6043	1	-	300		10	4	30	Linear		
166	6044	"	"	8				6044	1	-	300		10	4	30	Linear		
167	6045	"	"	8				6045	1	-	300		10	4	30	Linear		
168	6046	"	"	8				6046	1	-	300		10	4	30	Linear		
169	6047	"	"	8				6047	1	-	300		10	4	30	Linear		
170	6048	"	"	8				6048	1	-	300		10	4	30	Linear		
171	6049	"	"	8				6049	1	-	300		10	4	30	Linear		
172	6050	"	"	8				6050	1	-	300		10	4	30	Linear		
173	6051	"	"	8				6051	1	-	300		10	4	30	Linear		
174	6052	"	"	8				6052	1	-	300		10	4	30	Linear		
175	6053	"	"	8				6053	1	-	300		10	4	30	Linear		
176	6054	"	"	8				6054	1	-	300		10	4	30	Linear		
177	6055	"	"	8				6055	1	-	300		10	4	30	Linear		
178	6056	"	"	8				6056	1	-	300		10	4	30	Linear		
179	6057	"	"	8				6057	1	-	300		10	4	30	Linear		
180	6058	"	"	8				6058	1	-	300		10	4	30	Linear		
181	6059	"	"	8				6059	1	-	300		10	4	30	Linear		
182	6060	"	"	8				6060	1	-	300		10	4	30	Linear		
183	6061	"	"	8				6061	1	-	300		10	4	30	Linear		
184	6062	"	"	8				6062	1	-	300		10	4	30	Linear		
185	6063	"	"	8				6063	1	-	300		10	4	30	Linear		
186	6064	"	"	8				6064	1	-	300		10	4	30	Linear		
187	6065	"	"	8				6065	1	-	300		10	4	30	Linear		
188	6066	"	"	8				6066	1	-	300		10	4	30	Linear		
189	6067	"	"	8				6067	1	-	300		10	4	30	Linear		
190	6068	"	"	8				6068	1	-	300		10	4	30	Linear		
191	6069	"	"	8				6069	1	-	300		10	4	30	Linear		
192	6070	"	"	8				6070	1	-	300		10	4	30	Linear		
193	6071	"	"	8				6071	1	-	300		10	4	30	Linear		
194	6072	"	"	8				6072	1	-	300		10	4	30	Linear		
195	6073	"	"	8				6073	1	-	300		10	4	30	Linear		
196	6074	"	"	8				6074	1	-	300		10	4	30	Linear		
197	6075	"	"	8				6075	1	-	300		10	4	30	Linear		

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT 千葉県地下構造調査03	LINE CHIBA03-1 (E W)	DATE 2003/8/29	WEATHER FINE	WIND LIGHT	TEMP	OBSERVER T.TSUTSUI	PAGE 11
FIELD TAPE	SOURCE	RECEIVER	PROCESS()	BAD TRACES	REMARKS		

REEL NO. 1003		PRESSURE(Psi)	TOTAL VOLUME(CU.IN)	GUN DEPTH(m)	UP HOLE TIME(ms)	LATERAL OFFSET(m)	INLINE OFFSET(m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)			Record Length (sec)	Sample Rate (ms)	Pre-Amp Gain (dB)	Decimation Filter Phase	DEADID, WILDW or POLARITY INVERSE(P) (NO. means Geophone Location Number)
FIELD REC. FILE NO.	SP or VP NO.								CH1	CH.300	CH					
198	6076	2000	1500	8				6076	1	-	300	10	4	30	Linear	
199	6077	"	"	8				6077	1	-	300	10	4	30	Linear	
200	6078	"	"	8				6078	1	-	300	10	4	30	Linear	
201	6079	"	"	8				6079	1	-	300	10	4	30	Linear	
202	6080	"	"	8				6080	1	-	300	10	4	30	Linear	
203	6081	"	"	8				6081	1	-	300	10	4	30	Linear	
204	6082	"	"	8				6082	1	-	300	10	4	30	Linear	
205	6083	"	"	8				6083	1	-	300	10	4	30	Linear	
206	6084	"	"	8				6084	1	-	300	10	4	30	Linear	
207	6085	"	"	8				6085	1	-	300	10	4	30	Linear	
208	6086	"	"	8				6086	1	-	300	10	4	30	Linear	
209	6087	"	"	8				6087	1	-	300	10	4	30	Linear	
210	6088	"	"	8				6088	1	-	300	10	4	30	Linear	
211	6089	"	"	8				6089	1	-	300	10	4	30	Linear	
212	6090	"	"	8				6090	1	-	300	10	4	30	Linear	
213	6091	"	"	8				6091	1	-	300	10	4	30	Linear	
214	6092	"	"	8				6092	1	-	300	10	4	30	Linear	
215	6093	"	"	8				6093	1	-	300	10	4	30	Linear	
216	6094	"	"	8				6094	1	-	300	10	4	30	Linear	
217	6095	"	"	8				6095	1	-	300	10	4	30	Linear	
218	6096	"	"	8				6096	1	-	300	10	4	30	Linear	
219	6097	"	"	8				6097	1	-	300	10	4	30	Linear	
220	6098	"	"	8				6098	1	-	300	10	4	30	Linear	
221	6099	"	"	8				6099	1	-	300	10	4	30	Linear	
222	6100	"	"	8				6100	1	-	300	10	4	30	Linear	
223	6101	"	"	4				6101	1	-	300	10	4	30	Linear	
224	6102	"	"	4				6102	1	-	300	10	4	30	Linear	
225	6103	"	"	4				6103	1	-	300	10	4	30	Linear	
226	6104	"	"	4				6104	1	-	300	10	4	30	Linear	
227	6105	"	"	4				6105	1	-	300	10	4	30	Linear	
228	6106	"	"	4				6106	1	-	300	10	4	30	Linear	
229	6107	"	"	4				6107	1	-	300	10	4	30	Linear	
230	6108	"	"	4				6108	1	-	300	10	4	30	Linear	
231	6109	"	"	4				6109	1	-	300	10	4	30	Linear	
232	6110	"	"	4				6110	1	-	300	10	4	30	Linear	
233	6111	"	"	4				6111	1	-	300	10	4	30	Linear	
234	6112	"	"	4				6112	1	-	300	10	4	30	Linear	
235	6113	"	"	4				6113	1	-	300	10	4	30	Linear	
236	6114	"	"	4				6114	1	-	300	10	4	30	Linear	
237	6115	"	"	4				6115	1	-	300	10	4	30	Linear	

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT 千葉県地下構造調査03	LINE CHIBA03-1 (E W)	DATE 2003/8/29	WEATHER FINE	WIND LIGHT	TEMP	OBSERVER T.TSUTSUI	PAGE 12
FIELD TAPE REEL NO. 1003	SOURCE	RECEIVER	PROCESS()	BAD TRACES	REMARKS		
		SPREAD (GEOPHONE LOCATIONS USED)					

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT		LINE						DATE	WEATHER	WIND	TEMP	OBSERVER	PAGE					
千葉県地下構造調査03		CHIBA03-1 (E W)						2003/8/30	CLOUDY	LIGHT		T.TSUTSUI	13					
REEL NO. 1004		SOURCE						RECEIVER				RECORD		BAD TRACES	REMARKS			
FIELD REC. FILE NO.	SPorVP NO.	Pressure (PSI)	Total Volume (Cu.In)	Gun Depth (m)	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (sec)	Overlap Length (sec)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	
									CH.1	CH.977	CH.	CH.						
244	D.R.								1	-	977							Reel # 4 B.O.T.
245	S.R.								1	-	977							Dynamic Range
246	S.N.								1	-	977							System Response
247	G.P.								1	-	977							System Noise
248	G.N.								1	-	977							Geophone Pulse
249	6000	2000	1500	10				6000.0	1	-	977	1	20	-	2			Ground Noise
250	6000	"	"	10				6000.0	1	-	977	1	20	-	2			
251	6000	"	"	10				6000.0	1	-	977	1	20	-	2			
252	6000	"	"	10				6000.0	1	-	977	1	20	-	2			
253	6000	"	"	10				6000.0	1	-	977	1	20	-	2			
254	6000	"	"	10				6000.0	1	-	977	1	20	-	2			
255	6000	"	"	10				6000.0	1	-	977	48	20	-	2			
256	G.N.								1	-	977							Ground Noise

* AIR-GUN [Refraction shot]
 RecLength20sec / Sample4msec
 PreAmpGain30dB
 DEADlocation,927.876-879.744.669.670.625.626.174

SEISMIC OBSERVER'S REPORT FORM-B

PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE				
千葉県地下構造調査03		CHIBA03-1 (E W)		2003/9/1		CLOUDY		LIGHT				T.TSUTSUI		16				
REEL NO. 1006		SOURCE						RECEIVER				RECORD			BAD TRACES	REMARKS		
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (sec)	Overlap Length (sec)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	REMARKS
									CH.1	CH.300	CH.	CH.						
270	D.R								678	-	977							Reel # 6 B.O.T.
271	S.R.								678	-	977							Dynamic Range
272	S.N.								678	-	977							System Response
273	G.P.								678	-	977							System Noise
274	G.N.								678	-	977							Geophone Pulse
275	768	50%	3	Fix				768.0	678	-	977	20	6.5	3.25	2			Ground Noise
276	778.5	50%	1	Fix				778.5	678	-	977	10	6.5	3.25	2			
277	787	90%	3	Fix				787.0	678	-	977	20	6.5	3.25	2			
278	792	50%	3	Fix				792.0	678	-	977	20	6.5	3.25	2			
279	802	50%	3	Fix				802.0	678	-	977	20	6.5	3.25	2			
280	806	50%	3	Fix				806.0	678	-	977	20	6.5	3.25	2			
281	814	90%	3	Fix				814.0	678	-	977	20	6.5	3.25	2			
282	819	90%	3	Fix				819.0	678	-	977	20	6.5	3.25	2			
283	825	50%	3	Fix				825.0	678	-	977	20	6.5	3.25	2			
284	836	50%	3	Fix				836.0	678	-	977	20	6.5	3.25	2			Offset shot
285	854	50%	3	Fix				854.0	678	-	977	20	6.5	3.25	2			
286	858.5	50%	3	Fix				858.5	678	-	977	20	6.5	3.25	2			
287	866	90%	3	Fix				866.0	678	-	977	20	6.5	3.25	2			
288	871	50%	3	Fix				871.0	678	-	977	20	6.5	3.25	2			
289	879	90%	3	Fix				879.0	678	-	977	20	6.5	3.25	2			

SEISMIC OBSERVER'S REPORT FORM-B

PROSPECT			LINE					DATE		WEATHER		WIND		TEMP	OBSERVER		PAGE	
千葉県地下構造調査03			CHIBA03-1 (E W)					2003/9/2		CLOUDY		LIGHT			T.TSUTSUI		18	
REEL NO.		SOURCE							RECEIVER				RECORD			BAD TRACES	REMARKS	
1006									SPREAD (GEOPHONE LOCATIONS USED)									
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	IN-LINE OFFSET (m)	SOURCE POSITION	CH.1	CH.300	CH.	CH.	No Of Stacks	Noise Edit Window Length (sec)	Overlap Length (sec)	Power Factor	DEAD(D),WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	REMARKS
301	D.R								678	-	977							Dynamic Range
302	S.R.								678	-	977							System Response
303	S.N.								678	-	977							System Noise
304	G.P.								678	-	977							Geophone Pulse
305	G.N.								678	-	977							Ground Noise
306	3001	90%	2	Fix				3001.0	678	-	977		20	6.5	3.25	2		Offset shot
307	3002	90%	2	Fix				3002.0	678	-	977		10	6.5	3.25	2		Offset shot
308	1046	50%	2	Fix				1046.0	678	-	977		10	6.5	3.25	2		
309	1050	50%	3	Fix				1050.0	678	-	977		20	6.5	3.25	2		Master/Slave Shot
310	1061.5	50%	3	Fix				1061.5	678	-	977		20	6.5	3.25	2		Master/Slave Shot
311	1070.5	90%	3	Fix				1070.5	678	-	977		19	6.5	3.25	2		Master/Slave Shot
312	1078.5	90%	3	Fix				1078.5	678	-	977		20	6.5	3.25	2		Master/Slave Shot
313	1083	50%	3	Fix				1083.0	678	-	977		20	6.5	3.25	2		Master/Slave Shot
314	1087	50%	3	Fix				1087.0	678	-	977		20	6.5	3.25	2		Master/Slave Shot
315	1092	90%	3	Fix				1092.0	678	-	977		20	6.5	3.25	2		Master/Slave Shot
316	1097	90%	3	Fix				1097.0	678	-	977		20	6.5	3.25	2		Master/Slave Shot
317	1101	50%	1	Fix				1101.0	678	-	977		10	6.5	3.25	2		Master/Slave Shot
318	1106	90%	3	Fix				1106.0	678	-	977		20	6.5	3.25	2		
319	1113	50%	3	Fix				1113.0	678	-	977		10	6.5	3.25	2		
320	1119	50%	3	Fix				1119.0	678	-	977		20	6.5	3.25	2		

PROSPECT		LINE		DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE					
千葉県地下構造調査03		CHIBA03-1 (E W)		2003/9/2		CLOUDY		LIGHT				T.TSUTSUI		19					
REEL NO. 1006		SOURCE							RECEIVER				RECORD			BAD TRACES	REMARKS		
FIELD REC. FILE NO.	SPorVP NO.	Force Out (%)	No. of Tracks	Array Pattern	Vib Array (m)	LATERAL OFFSET (m)	INLINE OFFSET (m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				No Of Stacks	Noise Edit Window Length (sec)	Overlap Length (sec)	Power Factor	DEAD(D), WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)		
									CH.1	CH.300	CH.	CH.							
321	1123	90%	3	Fix				1123.0	678	-	977			20	6.5	3.25	2		
322	1126	50%	3	Fix				1126.0	678	-	977			20	6.5	3.25	2		
323	1129	50%	3	Fix				1129.0	678	-	977			20	6.5	3.25	2		
324	1134	50%	3	Fix				1134.0	678	-	977			20	6.5	3.25	2		
325	1140	50%	1	Fix				1140.0	678	-	977			20	6.5	3.25	2		
326	1143.5	50%	1	Fix				1143.5	678	-	977			20	6.5	3.25	2		
327	3137	90%	3	Fix				3137.0	678	-	977			20	6.5	3.25	2		Offset shot
328	3142	90%	3	Fix				3142.0	678	-	977			20	6.5	3.25	2		Offset shot
329	3147	90%	3	Fix				3147.0	678	-	977			20	6.5	3.25	2		Offset shot
330	3153	90%	3	Fix				3153.0	678	-	977			20	6.5	3.25	2		Master/Slave Shot(Offset shot)
331	1152	90%	3	Fix				1152.0	678	-	977			20	6.5	3.25	2		Master/Slave Shot
332	1155	50%	1	Fix				1155.0	678	-	977			10	6.5	3.25	2		Master/Slave Shot
333	1160	90%	3	Fix				1160.0	678	-	977			20	6.5	3.25	2		Master/Slave Shot
334	1164	90%	3	Fix				1164.0	678	-	977			20	6.5	3.25	2		Master/Slave Shot
335	G.N.								678	-	977								Ground Noise

RecLength10sec/Sample4msec
SweepFreq8-50Hz/SweepLength16sec
PreAmpGain30dB
DEADlocation,927.876-879.744.669.670.625.626.174

SEISMIC OBSERVER'S REPORT FORM-A



JAPEX GEOSCIENCE INSTITUTE, INC.

LINE	CHIBA03-2(2)	PROSPECT	千葉県地下構造調査03	AREA	千葉県市原市、長生郡長南町 一宮町、夷隈郡岬町	CLIENT	千葉県	CREW NO.	JGI	OBSERVER	S.NAKAMURA	OBSERVER DATE:	2003Y 8M 28D ~ 2003Y 8M 30D
GENERAL				AUX.CH.CONTENTS				FIELD SUMMATION AND X-CORRELATION					
LINE CONFIGURATION (DRAW SCHEMATICS) 				VIBROSEIS DYNAMAITE 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) 20 or 100 (屈折) N/E WINDOW LENGTH (ms) 6500 or 36000 (屈折) N/E OVERLAP LENGTH (ms) 3250 or 0 (屈折) SUPPRESSION FACTOR 2 MINIMUM PHASE CONVERSION NO X-CORR. AFTER STACK					
FIRST AND LAST VP. NO. VP2021 ~ VP2218, 屈折1 (VP1211), 屈折2 (VP2581) TOTAL LINE Km. SHOT TO SHOT 0.850 Km TOTAL LINE Km. RECEIVER TO RECEIVER 4.400 Km TOTAL SHOT POINTS 12 VP TOTAL RECEIVER LOCATIONS 177 ch AVERAGE SHOT POINT INTERVAL 50 m RECEIVER INTERVAL 25 m STANDARD CDP FOLD % NO. OF CH./EACH LINE/SHOT 99CH or 177CH				SEISMIC SOURCE TYPE OF SOURCE VIBRATOR Y-2400 NO. OF SOURCE/SHOT(STANDARD) 4 FORCEOUT 90% (standard) VIBROSEIS SWEEP(STANDARD) FREQUENCY 8 ~ 50Hz or 6 ~ 40Hz (屈折) LENGTH 16 SEC TAPER(START/END) 0.3 SEC or 0.5 SEC (屈折) SWEEP TYPE LINEAR (UP SWEEP)				TIME BREAK AND UP HOLE TIME DETECTION R.T. 					
SEISMIC RECORDING INSTRUMENT * GDAPS-4A RECORDING SYSTEM (JGI) * Pelton ESG,VCE				TYPICAL SOURCE ARRAY PATTERN VIB.INTERVAL 12.5m 				RECEIVER TO RECORDER CONNECTION (DRAW SCHEMATICS) 					
RECORDING SAMPLE RATE 4 msec RECORD LENGTH 16 or 20 (屈折) sec NOTCH FILTER - Hz OUT LOW CUT FILTER - Hz DB/OCT HIGH CUT FILTER - Hz DB/OCT PRE.AMP.GAIN SAME 30 dB DECIMMATION FILTER(VIBRATOR) LINEAR PHASE				REMARKS Loc.4999 ~ 5133 OBC(Hydrophone) Loc.5134 ~ 5145 DUMMY Loc.5146 ~ 5169 Crocodile(Hydrophone) Loc.5170 ~ 5175 Crocodile(Gimbalephone)				SEISMIC RECEIVER GEOPHONE TYPE HYDROPHONE,GIMBALPHONE PATTERN(DRAW SCHEMATICS) 					
TAPE FORMAT TYPE 3490E CARTRIDGE TAPE TAPE FORMAT SEG-Y FIELD TAPE REEL NUBER OF THIS LINE REEL No. 1, 3													

SEISMIC OBSERVER'S REPORT FORM-A



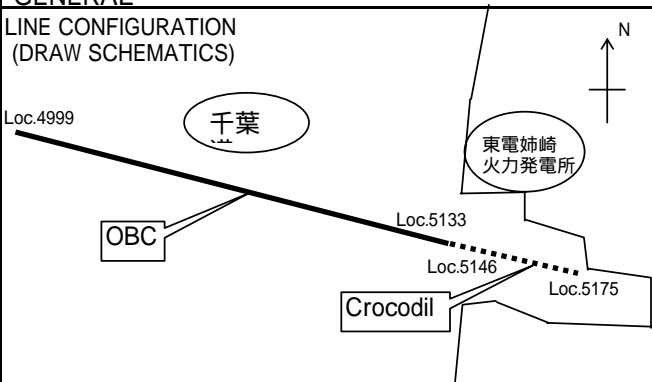
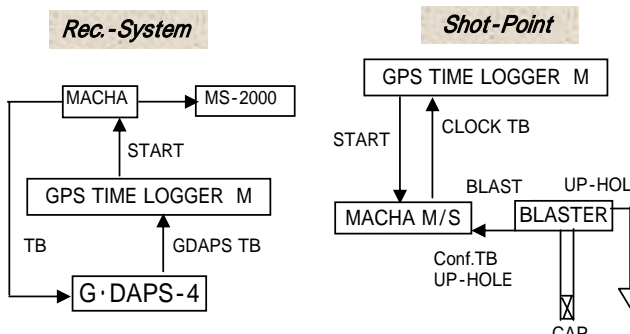
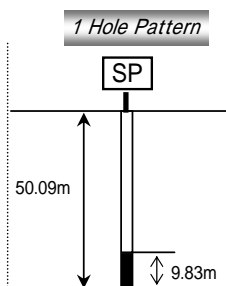
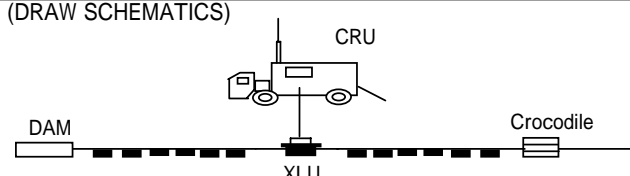
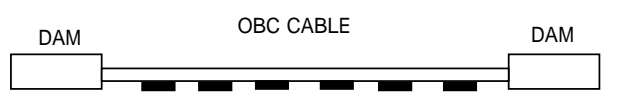
JAPEX GEOSCIENCE INSTITUTE, INC.

LINE	CHIBA03-2(2G)	PROSPECT	千葉県地下構造調査03	AREA	千葉県市原市、長生郡長南町 一宮町、夷隈郡岬町	CLIENT	千葉県	CREW NO.	JGI	OBSERVER	S.NAKAMURA	OBSERVER DATE:	2003Y 8M 25D ~ 2003Y 9M 02D
GENERAL				AUX.CH.CONTENTS				FIELD SUMMATION AND X-CORRELATION					
LINE CONFIGURATION (DRAW SCHEMATICS) 				AIRGUN DYNAMAITE AUX CH. 1 CLOCK TB AUX CH. 2 CONF TB AUX CH. 3 UP-HOLE				NO.OF SUMMATION(STANDARD) 1 N/E WINDOW LENGTH (ms) NO or 2000(SP6000) N/E OVERLAP LENGTH (ms) 0 SUPPRESSION FACTOR 2 MINIMUM PHASE CONVERSION NO X-CORR. AFTER STACK					
FIRST AND LAST SP. NO. SP6001 ~ SP6120, 屈折 (SP6000) TOTAL LINE Km. SHOT TO SHOT 6.000 Km TOTAL LINE Km. RECEIVER TO RECEIVER 4.400 Km TOTAL SHOT POINTS 121 SP TOTAL RECEIVER LOCATIONS 177 ch AVERAGE SHOT POINT INTERVAL 50 m RECEIVER INTERVAL 25 m STANDARD CDP FOLD % NO. OF CH./EACH LINE/SHOT 99CH or 177CH				SEISMIC SOURCE TYPE OF SOURCE 1500LL GUN NO. OF SOURCE/SHOT(STANDARD) 6 PRESSURE 2000 psi AVERAGE GUN DEPTH 8m or 4m TOTAL VOLUME 1500 cu.in.				TIME BREAK AND UP HOLE TIME DETECTION AIRGUN 					
SEISMIC RECORDING INSTRUMENT * GDAPS-4A RECORDING SYSTEM (JGI) * Macha M/S Controller, M/S Source Unit * Macha TGS-8				TYPICAL SOURCE ARRAY PATTERN PORT Cluster(900cuin) 300cuin/GUN STB Cluster(600cuin) 200cuin/GUN 				RECEIVER TO RECORDER CONNECTION (DRAW SCHEMATICS) 					
RECORDING SAMPLE RATE 4 msec RECORD LENGTH 16 or 20(屈折) sec NOTCH FILTER - Hz OUT LOW CUT FILTER - Hz DB/OCT HIGH CUT FILTER - Hz DB/OCT PRE.AMP.GAIN SAME 30 dB DECIMMATION FILTER(VIBRATOR) LINEAR PHASE				REMARKS Loc.4999 ~ 5133 OBC(Hydrophone) Loc.5134 ~ 5145 DUMMY Loc.5146 ~ 5169 Crocodile(Hydrophone) Loc.5170 ~ 5175 Crocodile(Gimbalephone)				SEISMIC RECEIVER GEOPHONE TYPE HYDROPHONE,GIMBALPHONE PATTERN(DRAW SCHEMATICS) 					
TAPE FORMAT TYPE 3490E CARTRIDGE TAPE TAPE FORMAT SEG-Y FIELD TAPE REEL NUBER OF THIS LINE REEL No. 1, 2													

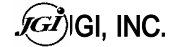
SEISMIC OBSERVER'S REPORT FORM-A



JAPEX GEOSCIENCE INSTITUTE, INC.

LINE	CHIBA03-2(2D)	PROSPECT 千葉県地下構造調査03	AREA 千葉県市原市、長生郡長南町 一宮町、夷隈郡岬町	CLIENT 千葉県	CREW NO. JGI	OBSERVER S.NAKAMURA	OBSERVER DATE: 2003Y 8M 31D
GENERAL		AUX.CH.CONTENTS			FIELD SUMMATION AND X-CORRELATION		
LINE CONFIGURATION (DRAW SCHEMATICS) 		DYNAMITE AUX CH. 1 CLOCK TB AUX CH. 2 CONF TB AUX CH. 3 UP-HOLE			NO.OF SUMMATION(STANDARD) N/E WINDOW LENGTH (ms) NO N/E OVERLAP LENGTH (ms) NO SUPPRESSION FACTOR NO MINIMUM PHASE CONVERSION NO X-CORR. NO		
FIRST AND LAST SP. NO. SP3000 TOTAL LINE Km. SHOT TO SHOT TOTAL LINE Km. RECEIVER TO RECEIVER 4.400 Km TOTAL SHOT POINTS 1 SP TOTAL RECEIVER LOCATIONS 99 ch AVERAGE SHOT POINT INTERVAL m RECEIVER INTERVAL 25 m STANDARD CDP FOLD % NO. OF CH./EACH LINE/SHOT 99CH		SEISMIC SOURCE TYPE OF SOURCE DYNAMITE NO. OF SOURCE/SHOT(STANDARD) 1 Holes AVERAGE CHARGE SIZE/SHOT 100 Kg AVERAGE SOURCE DEPTH 50 m			TIME BREAK AND UP HOLE TIME DETECTION 		
SEISMIC RECORDING INSTRUMENT * GDAPS-4A RECORDING SYSTEM (JGI) * Macha M/S Controller , M/S Source Unit * GPS TIME LOGGER M * LS-10K		TYPICAL SOURCE ARRAY PATTERN 			RECEIVER TO RECORDER CONNECTION (DRAW SCHEMATICS) 		
RECORDING SAMPLE RATE 4 msec RECORD LENGTH 60 sec NOTCH FILTER - Hz OUT LOW CUT FILTER - Hz DB/OCT HIGH CUT FILTER - Hz DB/OCT PRE.AMP.GAIN SAME 30 dB DECIMMATION FILTER(VIBRATOR) LINEAR PHASE		REMARKS Loc.4999 ~ 5133 OBC(Hydrophone) Loc.5134 ~ 5145 DUMMY Loc.5146 ~ 5169 Crocodile(Hydrophone) Loc.5170 ~ 5175 Crocodile(Gimbalephone)			SEISMIC RECEIVER GEOPHONE TYPE HYDROPHONE,GIMBALPHONE PATTERN(DRAW SCHEMATICS) 		
TAPE FORMAT TYPE 3490E CARTRIDGE TAPE TAPE FORMAT SEG-Y FIELD TAPE REEL NUBER OF THIS LINE REEL No. 3							

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT			LINE					DATE		WEATHER		WIND		TEMP	OBSERVER		PAGE	
千葉県地下構造調査03			CHIBA03-2 (W E)					2003/8/28		CLOUDY		LIGHT		23	S.NAKAMURA		1	
FIELD TAPE		SOURCE							RECEIVER		PROCESS()				BAD TRACES	REMARKS		
REEL NO. 1									SPREAD (GEOPHONE LOCATIONS USED)									
FIELD REC. FILE NO.	SP or VP NO.	Force Out (%)	Nb. of Vibrators	Vibrator Interval (m)	Source Array Length (m)	Array Pattern	Offset(m)	Source Position	ch1	ch177	No. of Sweeps	N/E window length (sec)	Window Overlap (sec)	Suppression factor	DEAD(D, WILD(W)) or POLARITY INVERSE(F) SWEEP FREQUENCY			
1	G.P.							G.P.	4999	- 5175						G.EOPHONE PULSE		B.O.T
2	S.R.							S.R.	4999	- 5175						PULSE RESPONSE		
3	G.N.							G.N.	4999	- 5175						GROUND NOISE		
4	2218	40%	1	0	0	FIX	0	2218	4999	- 5175	20	6.5	3.25	2		Loc.4999-5004 POLARITY REVERSED		
5	2216	50%	3	12.5	50	*MOVE	0	2216	4999	- 5175	20	6.5	3.25	2		Loc.4999-5004 POLARITY REVERSED		
6	2214	50%	3	12.5	50	*MOVE	0	2214	4999	- 5175	20	6.5	3.25	2		Loc.4999-5004 POLARITY REVERSED		
7	2211.5	50%	3	12.5	50	*MOVE	0	2211.5	4999	- 5175	20	6.5	3.25	2		Loc.4999-5004 POLARITY REVERSED		
8	2210	50%	3	12.5	50	*MOVE	0	2210	4999	- 5175	20	6.5	3.25	2		Loc.4999-5004 POLARITY REVERSED		
9	2207.5	50%	3	12.5	50	*MOVE	0	2207.5	4999	- 5175	20	6.5	3.25	2		Loc.4999-5004 POLARITY REVERSED		
10	2206	50%	3	12.5	50	*MOVE	0	2206	4999	- 5175	20	6.5	3.25	2		Loc.4999-5004 POLARITY REVERSED		
11	2203	50%	3	12.5	50	*MOVE	0	2203	4999	- 5175	20	6.5	3.25	2		Loc.4999-5004 POLARITY REVERSED		
12	2201	50%	3	12.5	50	*MOVE	0	2201	4999	- 5175	20	6.5	3.25	2		Loc.4999-5004 POLARITY REVERSED		
13	2021	90%	3	12.5	50	*MOVE	0	2021	4999	- 5175	20	6.5	3.25	2		Loc.4999-5004 POLARITY REVERSED		
14	G.N.							G.N.	4999	- 5175						GROUND NOISE		
								*1.25m/2sweep										

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT				LINE				DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE	
千葉県地下構造調査03				CHIBA03-2 (W E)				2003/ 8/29		FINE		LIGHT		S.NAKAMURA		2			
FIELD TAPE		SOURCE							RECEIVER				PROCESS()		BAD TRACE	REMARKS			
REEL NO. 1		PRESSURE(PSI)	TOTAL VOLUME(CU.IN)	GUN DEPTH(m)	UP HOLE TIME(ms)	LATERAL OFFSET(m)	INLINE OFFSET(m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				NO. OF SUMS	EDIT GAIN (dB)	GAIN MARGIN (dB)	GDP SW POSITION	DEAD(D), WILD(W) or POLARITY INVERSE(P) (NO. means Geophone location number)		
FIELD REC. FILE NO.	SP or VP NO.								CH1	CH 177	CH	CH							
15	G.P.							G.P.	4999	-	5175							G.EOPHONE PULSE	
16	S.R.							S.R.	4999	-	5175							PULSE RESPONSE	
17	G.N.							G.N.	4999	-	5175							GROUND NOISE	
18	TEST	2000	1500	8				TEST	4999	-	5175								
19	6001	"	"	8				6001	4999	-	5175								
20	6002	"	"	8				6002	4999	-	5175								
21	6003	"	"	8				6003	4999	-	5175								
22	6004	"	"	8				6004	4999	-	5175								
23	6005	"	"	8				6005	4999	-	5175								
24	6006	"	"	8				6006	4999	-	5175								
25	6007	"	"	8				6007	4999	-	5175								
26	6008	"	"	8				6008	4999	-	5175								
27	6009	"	"	8				6009	4999	-	5175								
28	6010	"	"	8				6010	4999	-	5175								
29	6011	"	"	8				6011	4999	-	5175								
30	6012	"	"	8				6012	4999	-	5175								
31	6013	"	"	8				6013	4999	-	5175								
32	6014	"	"	8				6014	4999	-	5175								
33	6015	"	"	8				6015	4999	-	5175								
34	6016	"	"	8				6016	4999	-	5175								
35	6017	"	"	8				6017	4999	-	5175								
36	6018	"	"	8				6018	4999	-	5175								
37	6019	"	"	8				6019	4999	-	5175								
38	6020	"	"	8				6020	4999	-	5175								
39	6021	"	"	8				6021	4999	-	5175								
40	6022	"	"	8				6022	4999	-	5175								
41	6023	"	"	8				6023	4999	-	5175								
42	6024	"	"	8				6024	4999	-	5175								
43	6025	"	"	8				6025	4999	-	5175								
44	6026	"	"	8				6026	4999	-	5175								
45	6027	"	"	8				6027	4999	-	5175								
46	6028	"	"	8				6028	4999	-	5175								
47	6029	"	"	8				6029	4999	-	5175								
48	6030	"	"	8				6030	4999	-	5175								
49	6031	"	"	8				6031	4999	-	5175								
50	6032	"	"	8				6032	4999	-	5175								
51	6033	"	"	8				6033	4999	-	5175								
52	6034	"	"	8				6034	4999	-	5175								
53	6035	"	"	8				6035	4999	-	5175								
54	6036	"	"	8				6036	4999	-	5175								

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT				LINE				DATE		WEATHER		WIND		TEMP		OBSERVER		PAGE
千葉県地下構造調査03				CHIBA03-2 (W E)				2003/ 8/29		FINE		LIGHT		S.NAKAMURA		3		

FIELD TAPE		SOURCE							RECEIVER			PROCESS()			BAD TRACES		REMARKS
REEL NO. 1		PRESSURE(Psi)	TOTAL VOLUME(CU.IN)	GUN DEPTH(m)	UP HOLE TIME(ms)	LATERAL OFFSET(m)	INLINE OFFSET(m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)			NO. OF SUMS	EDIT GAIN (dB)	GAIN MARGIN (dB)	CDP SW POSITION	DEAD(D), WILD(W) or POLARITY INVERSE(P) (NO. means Geophone location number)	REMARKS
FIELD REC. FILE NO.	SP or VP NO.								CH1	CH 177	CH CH						
55	6037	2000	1500	8				6037	4999	-	5175	1					Rec. Length 10sec Sample Rate 4ms Loc.4999 ~ 5133(OBC-Hydrophone) Loc.5134 ~ 5145(DUMMY) Loc.5146 ~ 5169(Crocodile-Hydrophone) Loc.5170 ~ 5175(Crocodile-Gimbalphone)
56	6038	"	"	8				6038	4999	-	5175	1					
57	6039	"	"	8				6039	4999	-	5175	1					
58	6040	"	"	8				6040	4999	-	5175	1					
59	6041	"	"	8				6041	4999	-	5175	1					
60	6042	"	"	8				6042	4999	-	5175	1					
61	6043	"	"	8				6043	4999	-	5175	1					
62	6044	"	"	8				6044	4999	-	5175	1					
63	6045	"	"	8				6045	4999	-	5175	1					
64	6046	"	"	8				6046	4999	-	5175	1					
65	6047	"	"	8				6047	4999	-	5175	1					
66	6048	"	"	8				6048	4999	-	5175	1					
67	6049	"	"	8				6049	4999	-	5175	1					
68	6050	"	"	8				6050	4999	-	5175	1					
69	6051	"	"	8				6051	4999	-	5175	1					
70	6052	"	"	8				6052	4999	-	5175	1					
71	6053	"	"	8				6053	4999	-	5175	1					
72	6054	"	"	8				6054	4999	-	5175	1					
73	6055	"	"	8				6055	4999	-	5175	1					
74	6056	"	"	8				6056	4999	-	5175	1					
75	6057	"	"	8				6057	4999	-	5175	1					
76	6058	"	"	8				6058	4999	-	5175	1					
77	6059	"	"	8				6059	4999	-	5175	1					
78	6060	"	"	8				6060	4999	-	5175	1					
79	6061	"	"	8				6061	4999	-	5175	1					
80	6062	"	"	8				6062	4999	-	5175	1					
81	6063	"	"	8				6063	4999	-	5175	1					
82	6064	"	"	8				6064	4999	-	5175	1					
83	6065	"	"	8				6065	4999	-	5175	1					
84	6066	"	"	8				6066	4999	-	5175	1					
85	6067	"	"	8				6067	4999	-	5175	1					
86	6068	"	"	8				6068	4999	-	5175	1					
87	6069	"	"	8				6069	4999	-	5175	1					
88	6070	"	"	8				6070	4999	-	5175	1					
89	6071	"	"	8				6071	4999	-	5175	1					
90	6072	"	"	8				6072	4999	-	5175	1					
91	6073	"	"	8				6073	4999	-	5175	1					
92	6074	"	"	8				6074	4999	-	5175	1					
93	6075	"	"	8				6075	4999	-	5175	1					
94	6076	"	"	8				6076	4999	-	5175	1					

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT 千葉県地下構造調査03		LINE CHIBA03-2 (W E)		DATE 2003/ 8/29		WEATHER FINE		WIND LIGHT		TEMP		OBSERVER S.NAKAMURA		PAGE 4	
FIELD TAPE REEL NO. 1		SOURCE			RECEIVER			PROCESS()			BAD TRACES		REMARKS		
					SPREAD (GEOPHONE LOCATIONS USED)										

FIELD REC. FILE NO.	SP or VP NO.	PRESSURE(Psi)	TOTAL VOLUME(CU.IN)	GUN DEPTH(m)	UP HOLE TIME(ms)	LATERAL OFFSET(m)	INLINE OFFSET(m)	SOURCE POSITION	CH1	CH 177	CH	NO. OF SUMS	EDIT GAIN (dB)	GAIN MARGIN (dB)	CDP SW POSITION	DEAD(D), WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)
95	6077	2000	1500	8				6077	4999	-	5175	1				
96	6078	"	"	8				6078	4999	-	5175	1				
97	6079	"	"	8				6079	4999	-	5175	1				
98	6080	"	"	8				6080	4999	-	5175	1				
99	6081	"	"	8				6081	4999	-	5175	1				
100	6082	"	"	8				6082	4999	-	5175	1				
101	6083	"	"	8				6083	4999	-	5175	1				
102	6084	"	"	8				6084	4999	-	5175	1				
103	6085	"	"	8				6085	4999	-	5175	1				
104	6086	"	"	8				6086	4999	-	5175	1				
105	6087	"	"	8				6087	4999	-	5175	1				
106	6088	"	"	8				6088	4999	-	5175	1				
107	6089	"	"	8				6089	4999	-	5175	1				
108	6090	"	"	8				6090	4999	-	5175	1				
109	6091	"	"	8				6091	4999	-	5175	1				
110	6092	"	"	8				6092	4999	-	5175	1				
111	6093	"	"	8				6093	4999	-	5175	1				
112	6094	"	"	8				6094	4999	-	5175	1				
113	6095	"	"	8				6095	4999	-	5175	1				
114	6096	"	"	8				6096	4999	-	5175	1				
115	6097	"	"	8				6097	4999	-	5175	1				
116	6098	"	"	8				6098	4999	-	5175	1				
117	6099	"	"	8				6099	4999	-	5175	1				
118	6100	"	"	8				6100	4999	-	5175	1				
119	6101	"	"	4				6101	4999	-	5175	1				
120	6102	"	"	4				6102	4999	-	5175	1				
121	6103	"	"	4				6103	4999	-	5175	1				
122	6104	"	"	4				6104	4999	-	5175	1				
123	6105	"	"	4				6105	4999	-	5175	1				
124	6106	"	"	4				6106	4999	-	5175	1				
125	6107	"	"	4				6107	4999	-	5175	1				
126	6108	"	"	4				6108	4999	-	5175	1				
127	6109	"	"	4				6109	4999	-	5175	1				
128	6110	"	"	4				6110	4999	-	5175	1				
129	6111	"	"	4				6111	4999	-	5175	1				
130	6112	"	"	4				6112	4999	-	5175	1				
131	6113	"	"	4				6113	4999	-	5175	1				
132	6114	"	"	4				6114	4999	-	5175	1				
133	6115	"	"	4				6115	4999	-	5175	1				
134	6116	"	"	4				6116	4999	-	5175	1				

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT 千葉県地下構造調査03		LINE CHIBA03-2 (W E)		DATE 2003/ 8/29	WEATHER FINE	WIND LIGHT	TEMP	OBSERVER S.NAKAMURA	PAGE 5						
FIELD TAPE REEL NO. 1		SOURCE			RECEIVER		PROCESS()	BAD TRACE	REMARKS						
FIELD REC. FILE NO.	SP or VP NO.	PRESSURE(Psi)	TOTAL VOLUME(CU.IN)	GUN DEPTH(m)	UP HOLE TIME(ms)	LATERAL OFFSET(m)	INLINE OFFSET(m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED) CH1 CH 177 CH CH	NO. OF SUMS	EDIT GAIN (dB)	GAIN MARGIN (dB)	CDP SW POSITION	DEAD(D), WILD(W) or POLARITY INVERSE(P) (NO. means Geophone Location Number)	REMARKS
															Rec. Length 10sec Sample Rate 4ms Loc.4999 ~ 5133(OBC-Hydrophone) Loc.5134 ~ 5145(DUMMY) Loc.5146 ~ 5169(Crocodile-Hydrophone) Loc.5170 ~ 5175(Crocodile-Gimbalphone)

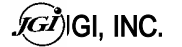
SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT		LINE						DATE	WEATHER	WIND	TEMP	OBSERVER	PAGE						
千葉県地下構造調査03(屈折)		CHIBA03-2 (W E)						2003/ 8/30	CLOUDY	LIGHT		S.NAKAMURA	6						
FIELD TAPE		SOURCE						RECEIVER				PROCESS()	BAD TRACES	REMARKS					
REEL NO. 2		PRESSURE(PSI)	TOTAL VOLUME(CU.IN)	GUN DEPTH(m)	UP HOLE TIME(ms)	LATERAL OFFSET(m)	INLINE OFFSET(m)	SOURCE POSITION	SPREAD (GEOPHONE LOCATIONS USED)				NO. OF SUMS	N/E window length (sec)	Window Overlap (sec)	Suppression factor	DEAD(D), WILD(W) or POLARITY INVERSE(P) (NO. means Geophone location Number)	REMARKS	
FIELD REC. FILE NO.	SP or VP NO.								CH1	CH 99	CH	CH							
140	G.P.							G.P.	5077	-	5175							GEOPHONE PULSE	B.O.T
141	S.R.							S.R.	5077	-	5175							PULSE RESPONSE	
142	G.N.							G.N.	5077	-	5175							GROUND NOISE	
143	6000	2000	1500	8				6000	5077	-	5175	1	20	0	2				
144	6000	"	"	8				6000	5077	-	5175	1	20	0	2				
145	6000	"	"	8				6000	5077	-	5175	1	20	0	2				
146	6000	"	"	8				6000	5077	-	5175	1	20	0	2				
147	6000	"	"	8				6000	5077	-	5175	1	20	0	2				
148	6000	"	"	8				6000	5077	-	5175	1	20	0	2				
149	6000	"	"	8				6000	5077	-	5175	1	20	0	2				
150	G.N.							G.N.	5077	-	5175							GROUND NOISE	

Rec. Length 10sec Sample Rate 4ms
 Loc.5077 ~ 5133(OBC-Hydrophone)
 Loc.5134 ~ 5145(DUMMY)
 Loc.5146 ~ 5169(Crocodile-Hydrophone)
 Loc.5170 ~ 5175(Crocodile-Gimbalphone)

SEISMIC OBSERVER'S REPORT FORM-B



PROSPECT		LINE							DATE	WEATHER	WIND	TEMP	OBSERVER	PAGE			
千葉県地下構造調査03(屈折)		CHIBA03-2 (W E)							2003/8/30	CLOUDY	LIGHT	23	S.NAKAMURA	7			
FIELD TAPE		SOURCE							RECEIVER				PROCESS()	BAD TRACES	REMARKS		
REEL NO. 3		Force Out (%)	No. of Vibrators	Vibrator Interval (m)	Source Array Length (m)	Array Pattern	Offset(m)	Source Position	SPREAD (GEOPHONE LOCATIONS USED)		No. of Sweeps	N/E window length (sec)	Window Overlap (sec)	Suppression factor	DEAD(D), WILD(W)) or POLARITY INVERSE(P) SWEEP FREQUENCY	REMARKS	
FIELD REC. FILE NO.	SP or VP NO.								ch1	ch99							
151	G.P.							G.P.	5077	-	5175					G.EOPHONE PULSE	B.O.T
152	S.R.							S.R.	5077	-	5175					PULSE RESPONSE	
153	G.N.							G.N.	5077	-	5175					GROUND NOISE	
154	屈折2	90%	4	12.5	50	FIX	0	1211	5077	-	5175	25	36	0	2		
155	屈折2	90%	4	12.5	50	FIX	0	1211	5077	-	5175	50	36	0	2		
156	屈折2	90%	4	12.5	50	FIX	0	1211	5077	-	5175	100	36	0	2		
157	屈折1	90%	4	12.5	50	FIX	0	2581	5077	-	5175	25	36	0	2		
158	屈折1	90%	4	12.5	50	FIX	0	2581	5077	-	5175	50	36	0	2		
159	屈折1	90%	4	12.5	50	FIX	0	2581	5077	-	5175	100	36	0	2		
160	G.N.							G.N.	5077	-	5175						GROUND NOISE

Rec. Length 20sec Sample Rate 4ms
 Sweep Frequency 6-40Hz , Sweep Length 16sec
 Loc.5077 ~ 5133(OBC-Hydrophone)
 Loc.5134 ~ 5145(DUMMY)
 Loc.5146 ~ 5169(Crocodile-Hydrophone)
 Loc.5170 ~ 5175(Crocodile-Gimbalphone)

受振器設置状況表 CHIBA03-1

標準展開長は1.44mである

表記m数は間隔である

千葉県地下構造調査03

(S)はスタンド使用 (B)はバンチング

Loc.	設置状況	Loc.	設置状況	Loc.	設置状況	Loc.	設置状況	Loc.	設置状況	Loc.	設置状況
1		51		101		151		201	1m	251	
2		52	(B)	102	(B)	152		202		252	(B)
3		53		103	0.3m	153		203		253	
4		54		104	(S)0.3m	154		204		254	
5		55	(B)	105	(B)	155		205		255	
6		56		106	(S)	156		206		256	(B)
7		57		107	(S)	157		207		257	(B)
8		58	(B)	108	(S)	158		208		258	1m
9		59		109	(S)	159		209		259	1m
10		60		110		160		210		260	(S)(B)
11		61	(B)	111	0.5m	161		211		261	1m
12		62	(B)	112		162	1m	212		262	
13		63	0.3m	113	(B)	163		213		263	
14	(S)(B)	64	1m	114		164		214		264	
15	(S)(B)	65	0.3m	115	(S)	165		215		265	1m
16	(B)	66	(S)(B)	116	(S)	166		216		266	1m
17		67	1m	117	(S)	167		217	(B)	267	1m
18		68		118	(B)	168		218		268	
19		69		119	(B)	169		219		269	
20	0.1m	70		120	(S)(B)	170		220		270	
21	0.1m	71		121		171	1m	221		271	
22	(B)	72		122		172		222	(B)	272	
23	0.3m	73		123	(B)	173	0.3m	223		273	(B)
24	(S)	74		124	(S)0.3m	174	(B)	224		274	
25	(S)	75		125	(B)	175	(B)	225		275	
26	(S)	76		126		176		226		276	
27		77		127	(B)	177		227		277	
28		78		128	(B)	178	(B)	228		278	
29		79		129	0.3m	179		229		279	
30		80		130		180		230		280	
31		81		131	0.3m	181		231		281	
32	(S)	82		132	0.3m	182		232		282	
33	(S)0.3m	83		133	(S)(B)	183	1m	233	(B)	283	
34	0.5m	84		134	(S)	184	1m	234		284	
35		85		135	(S)	185	(B)	235	1m	285	
36	0.3m	86		136	(S)1m	186	1m	236		286	
37	0.3m	87		137	1m	187	1m	237		287	
38		88		138		188	(B)	238		288	
39	0.3m	89		139		189		239		289	
40		90		140		190	1m	240	1m	290	
41		91		141	(S)(B)	191	(B)	241		291	
42		92		142	1m	192		242		292	
43		93		143	(B)	193		243		293	
44	(S)(B)	94		144		194		244		294	1m
45	(S)(B)	95		145		195		245		295	
46	(B)	96	1m	146		196		246		296	
47	(B)	97	1m	147	0.3m	197		247	(B)	297	1m
48	(B)	98	1m	148		198	(B)	248		298	
49	1m	99	(S)1m	149		199		249	1m	299	
50	1m	100	(B)	150		200		250	(B)	300	

受振器設置状況表 CHIBA03-1

標準展開長は1.44mである

表記m数は間隔である

千葉県地下構造調査03

(S)はスタンド使用 (B)はバンチング

Loc.	設置状況	Loc.	設置状況	Loc.	設置状況	Loc.	設置状況	Loc.	設置状況	Loc.	設置状況
301		351	(S)	401		451		501		551	(S)
302		352		402		452	(B)	502		552	(B)
303		353		403		453		503		553	
304	(B)	354		404		454		504	0.3m	554	
305		355		405		455	0.3m	505		555	1m
306	(B)	356		406		456	0.3m	506		556	
307		357		407		457		507		557	
308		358		408		458		508		558	
309	0.3m	359		409		459		509		559	
310		360		410		460		510		560	
311	(B)	361		411		461		511		561	
312		362	(B)	412		462		512		562	
313		363		413	1m	463		513		563	
314		364		414		464	(B)	514		564	
315		365		415		465		515		565	
316		366	0.3m	416		466		516		566	
317		367		417		467		517		567	
318	1m	368		418		468		518		568	
319		369		419		469		519		569	
320		370		420		470		520	0.3m	570	0.3m
321		371	(B)	421		471		521		571	
322		372	(S)	422		472		522	0.3m	572	
323	1m	373	(B)	423		473		523		573	
324	(B)	374	(B)	424	1m	474		524		574	
325		375		425		475		525		575	
326		376		426		476		526	(B)	576	
327		377	0.3m	427		477	1m	527	1m	577	
328		378		428	(B)	478		528		578	
329		379	1m	429		479		529	0.3m	579	
330		380	1m	430		480		530	(B)	580	
331	0.3m	381		431		481		531		581	
332		382		432		482		532		582	
333	1m	383	(B)	433		483		533	(B)	583	
334	1m	384	(B)	434		484		534	(B)	584	(B)
335		385	(S)0.3m	435		485		535	(B)	585	
336		386	0.3m	436	1m	486	0.1m	536		586	
337		387		437		487		537	(B)	587	
338		388		438		488		538		588	
339		389	(B)	439		489		539		589	
340		390		440		490		540	(B)	590	
341		391		441	0.3m	491	1m	541		591	
342	(S)(B)	392		442		492		542		592	
343		393		443		493		543		593	
344		394		444	1m	494		544	(B)	594	
345		395		445	1m	495	0.3m	545	0.5m	595	
346		396		446		496		546	0.1m	596	
347		397		447	(S)(B)	497		547	(S)(B)	597	
348		398		448	(B)	498		548	0.2m	598	
349		399		449	(S)(B)	499	0.7m	549		599	
350		400		450	(B)	500		550	(B)	600	

受振器設置状況表 CHIBA03-1

標準展開長は1.44mである

表記m数は間隔である

千葉県地下構造調査03

(S)はスタンド使用 (B)はバンチング

Loc.	設置状況	Loc.	設置状況	Loc.	設置状況	Loc.	設置状況	Loc.	設置状況	Loc.	設置状況
601		651		701	(B)	751		801		851	0.5m
602		652		702	0.5m	752		802		852	
603		653		703		753		803		853	
604		654		704		754		804		854	
605		655		705		755		805		855	
606		656		706		756	(B)	806		856	
607		657		707		757		807		857	
608		658		708		758		808		858	
609		659		709		759		809		859	
610		660		710		760		810		860	
611		661		711		761	(B)	811		861	
612		662		712		762		812		862	
613		663		713		763		813		863	
614		664		714		764		814		864	
615		665	(S)	715		765		815		865	
616		666	(S)	716		766		816		866	
617		667	0.3m	717		767		817		867	
618		668		718		768		818		868	
619	1m	669	DEAD	719		769		819		869	
620		670	DEAD	720		770		820		870	(B)
621		671	(B)(S)	721		771	(B)	821		871	
622		672	(B)	722		772		822	(B)	872	
623		673	0.5m	723		773	(B)	823		873	
624	0.1m	674		724		774		824		874	
625	DEAD	675	(B)(S)	725		775		825		875	
626	DEAD	676	(B)(S)	726		776		826		876	DEAD
627	(B)	677	(S)	727		777		827		877	DEAD
628		678		728		778		828		878	DEAD
629		679		729		779		829		879	DEAD
630		680		730		780	(B)	830	1m	880	
631		681		731		781		831		881	
632		682		732		782		832		882	0.3m
633		683		733		783		833	(B)	883	(S)
634		684	(B)	734		784		834		884	(S)
635		685		735		785		835	(B)	885	
636		686		736		786	1m	836	(B)	886	
637		687	(B)	737		787		837		887	
638		688	(B)	738		788		838		888	
639		689		739		789		839		889	
640		690		740		790		840	(B)	890	
641		691		741		791		841	(B)	891	
642		692		742		792		842		892	
643		693		743		793		843		893	
644		694		744	DEAD	794		844		894	
645		695	(B)	745		795		845		895	
646		696		746	(B)	796		846		896	
647		697		747	(B)	797		847	1m	897	
648		698	(B)(S)	748		798	(B)	848		898	
649		699	(B)	749		799	(B)	849		899	
650		700	(B)	750	(B)	800		850		900	(B)

