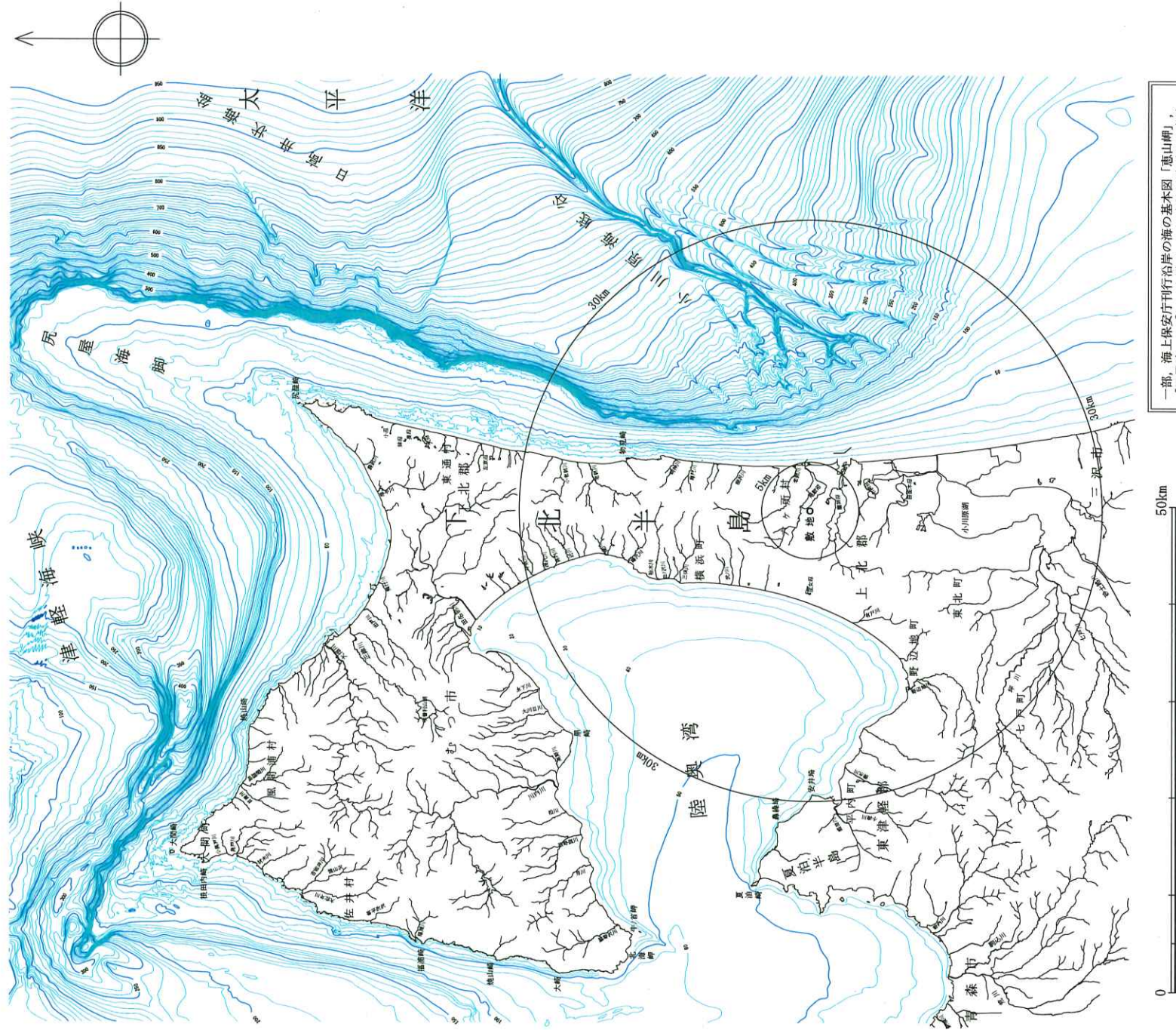
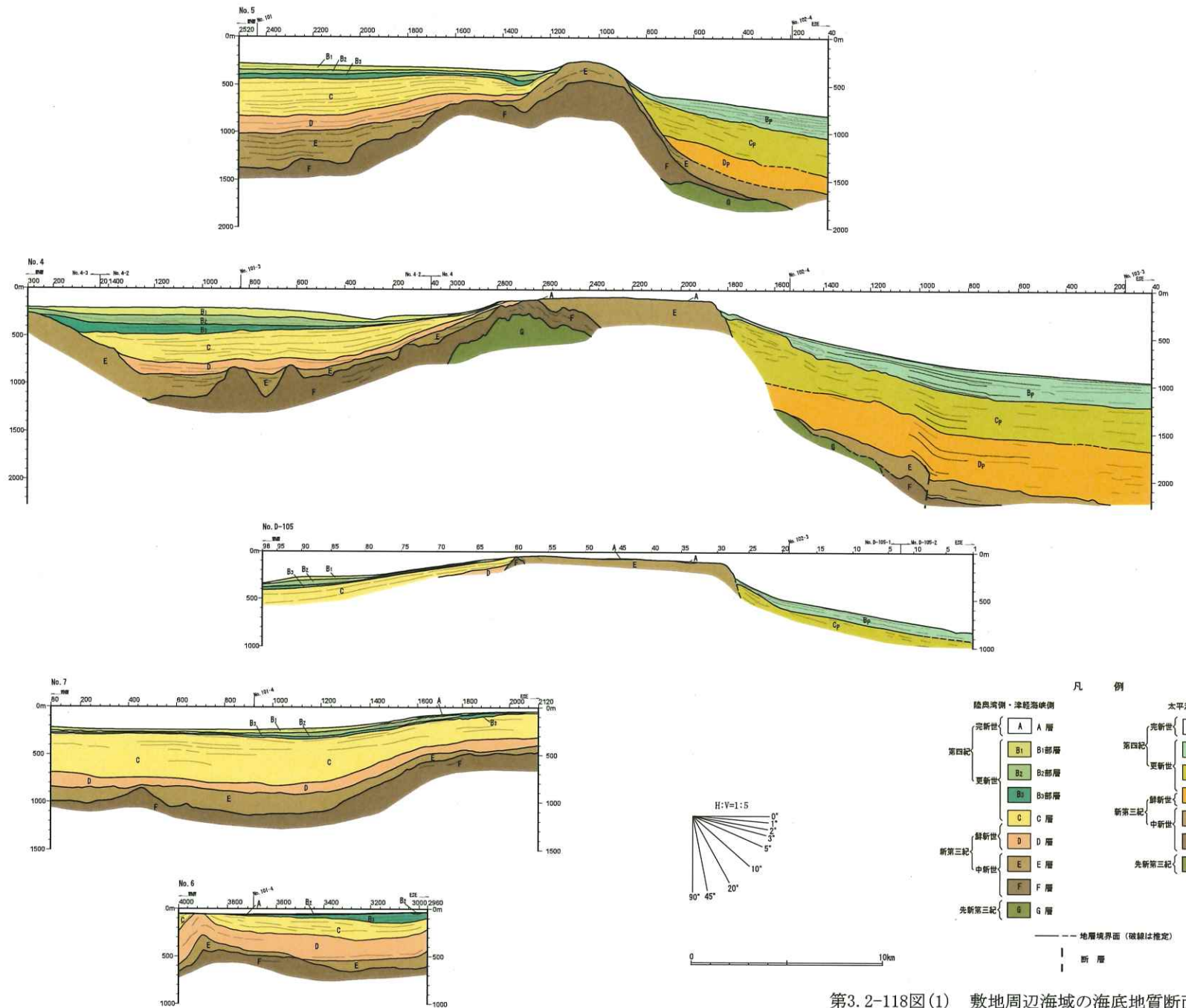


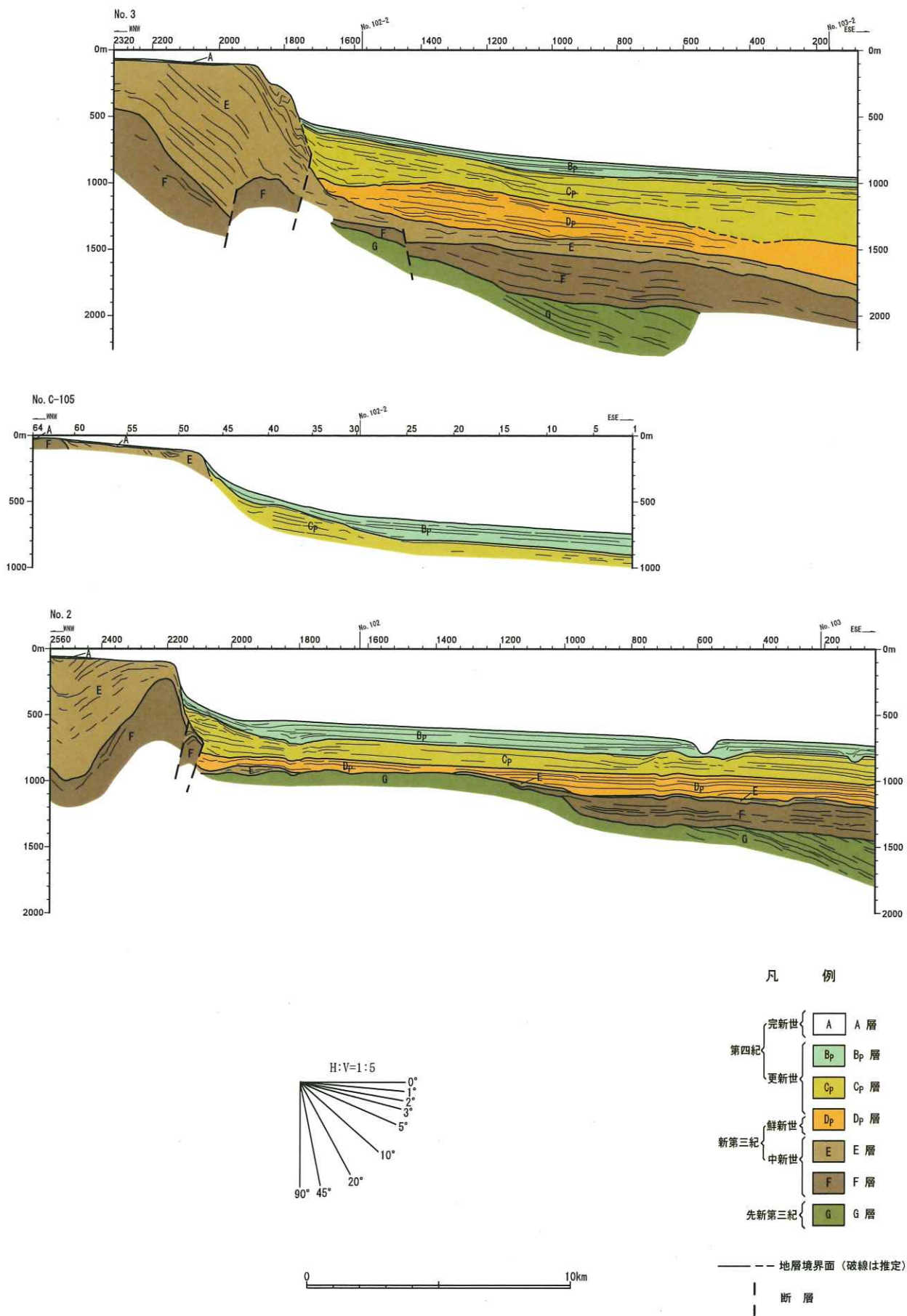


一部、海上保安庁刊行沿岸の海の基本図「恵山岬」，
「瓦屋埼」，「むつ小川原」，国土地理院刊行沿岸域
広域土地条件図「陸奥湾」等から編集したものである。

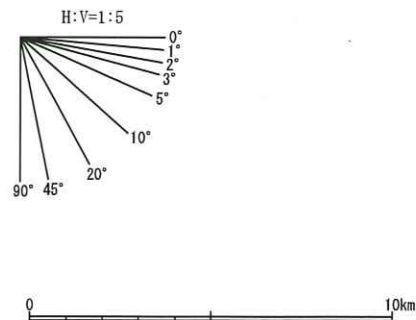
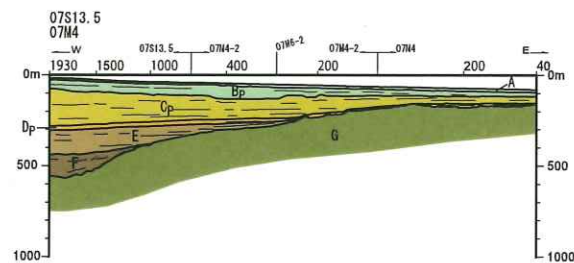
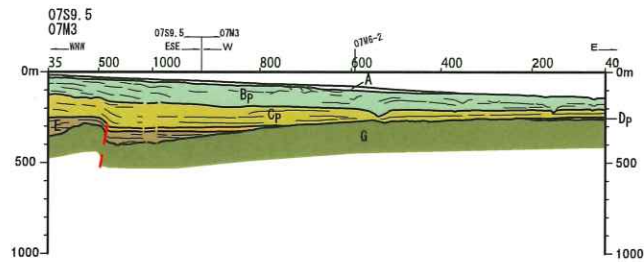
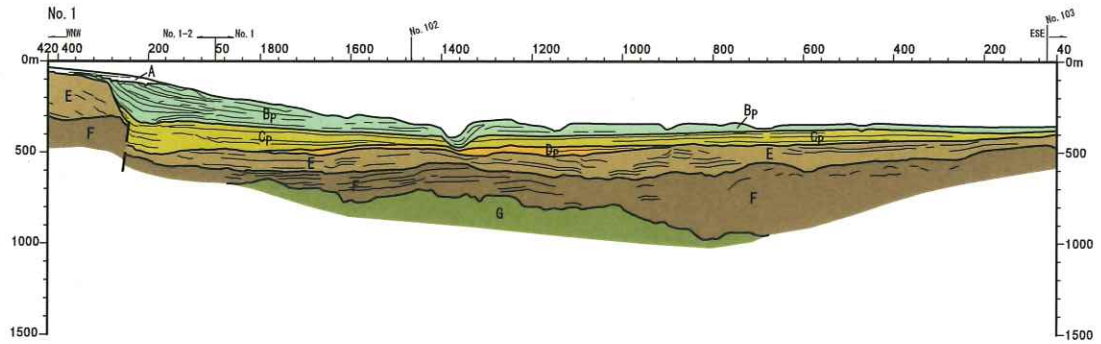
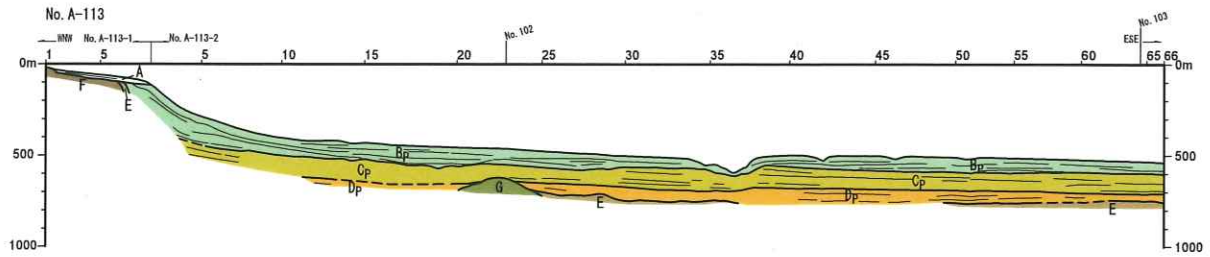
第3.2-116図 敷地周辺海域の地形図



第3.2-118図(1) 敷地周辺海域の海底地質断面図



第3.2-118図(2) 敷地周辺海域の海底地質断面図



凡 例

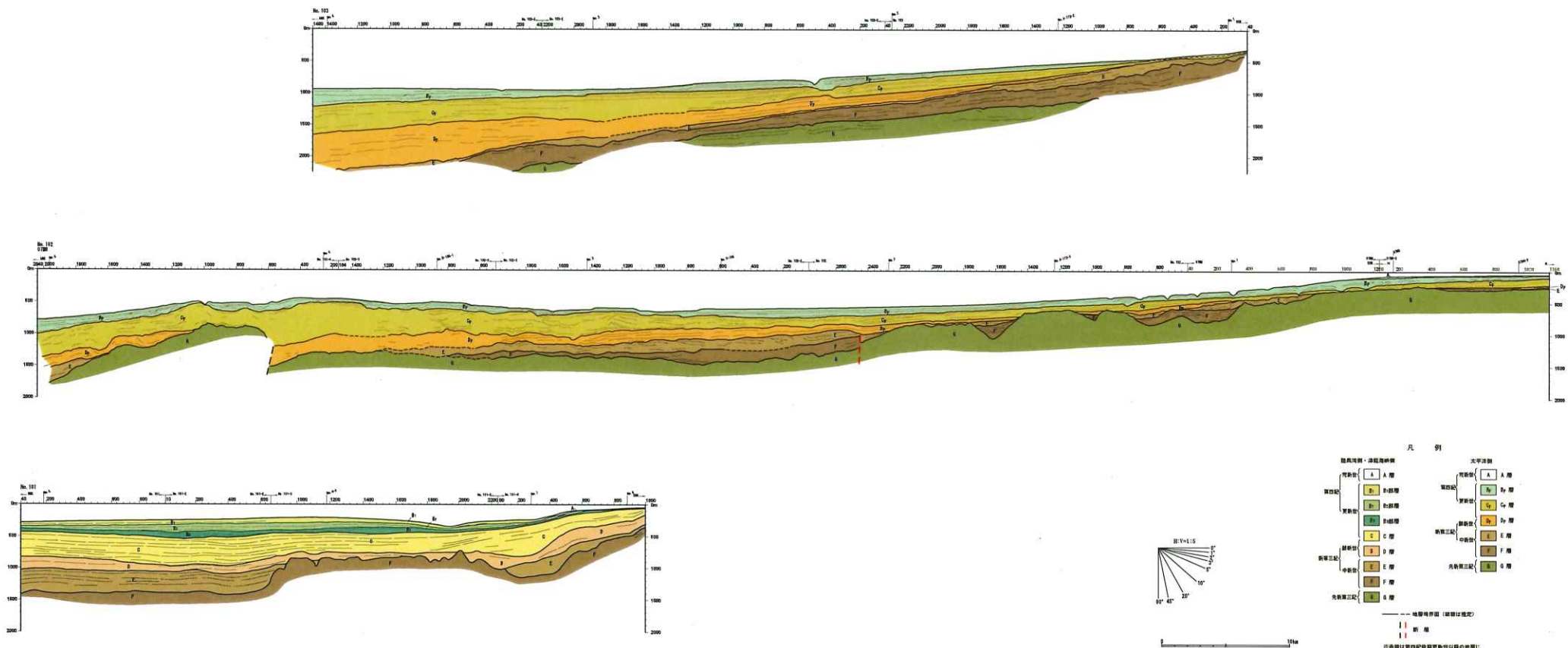
- | | | | |
|------|-------|----------------|------------------|
| 第四紀 | 完新世 | A | A 層 |
| | 更新世 | B _p | B _p 層 |
| | | C _p | C _p 層 |
| 新第三紀 | 鮮新世 | D _p | D _p 層 |
| | 中新世 | E | E 層 |
| | | F | F 層 |
| | 先新第三紀 | G | G 層 |

— — — 地層境界面 (破線は推定)

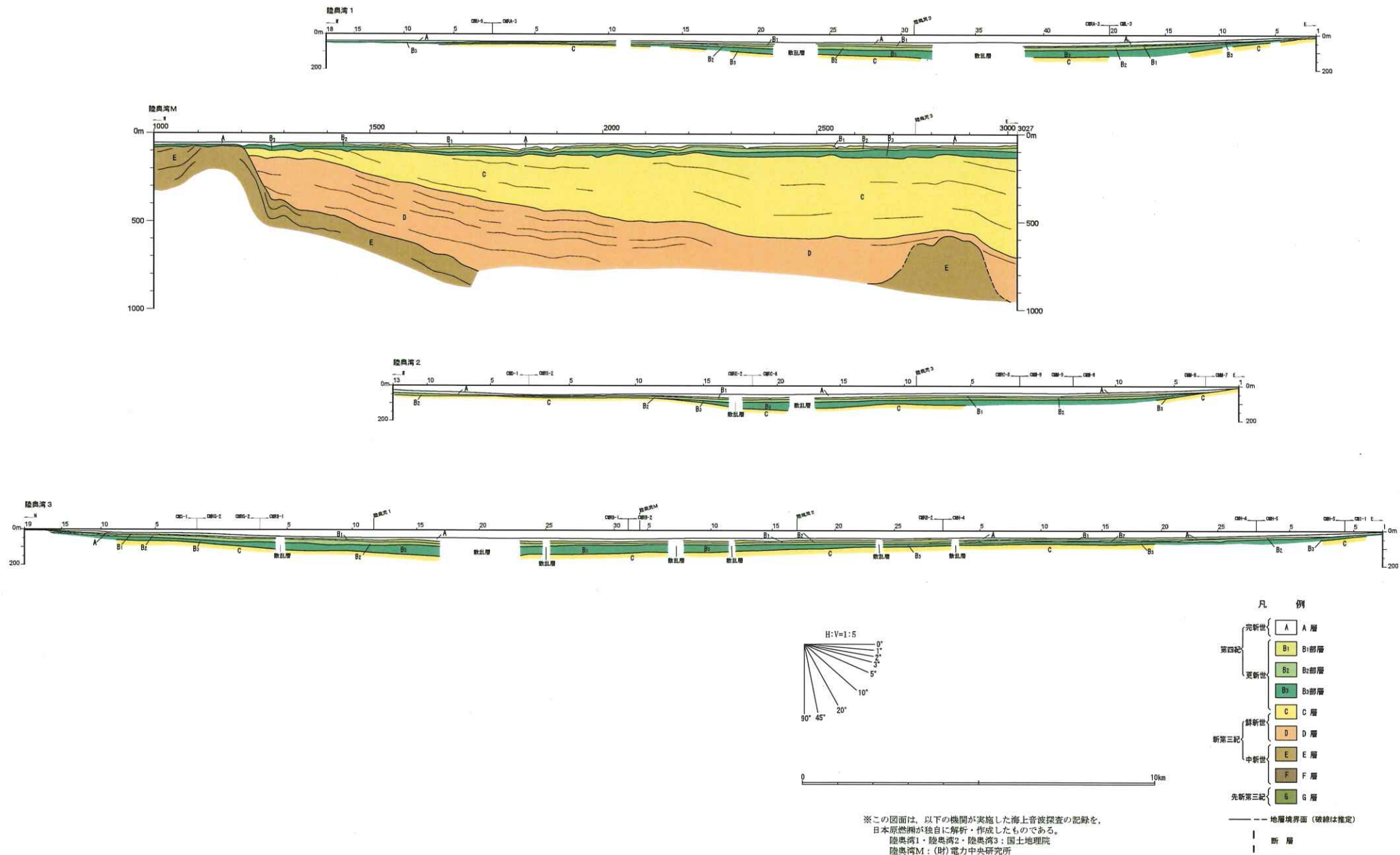
|| 断 層

※赤線は第四紀後期更新世以降の地層に
変位・変形が認められるもの

第3.2-118図(3) 敷地周辺海域の海底地質断面図

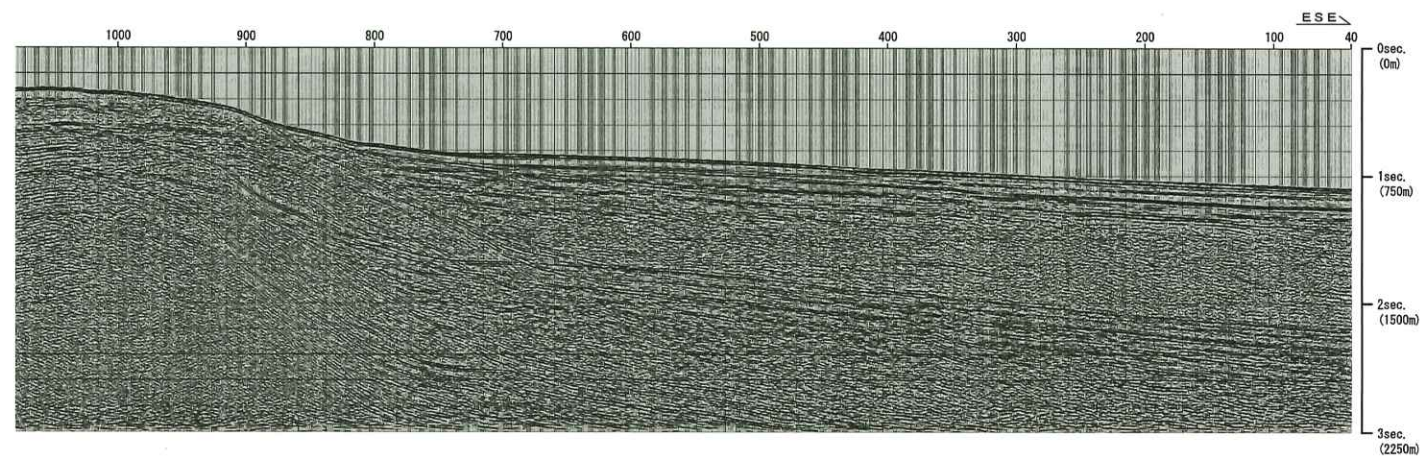
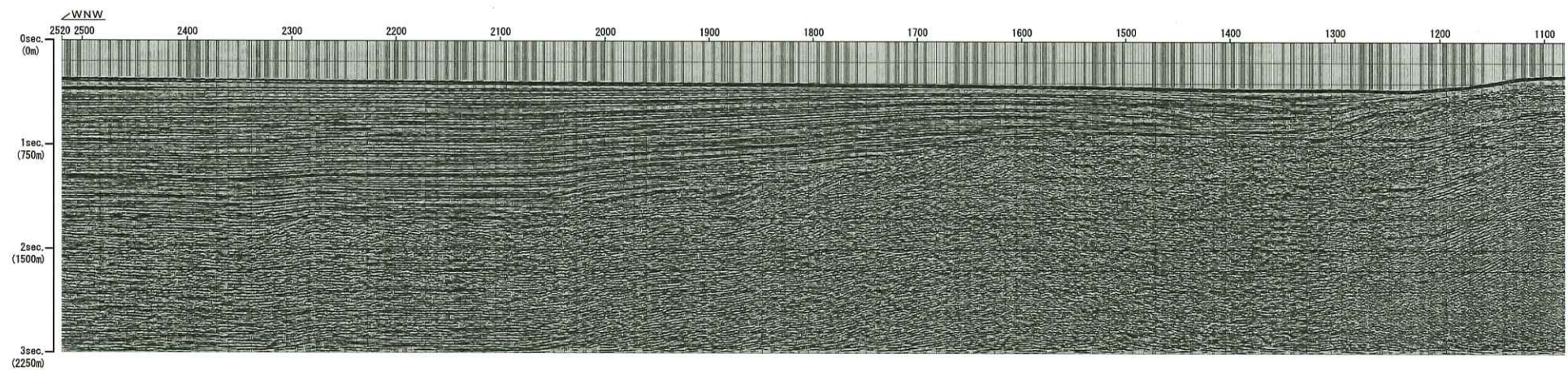


第3.2-118図(4) 敷地周辺海域の海底地質断面図



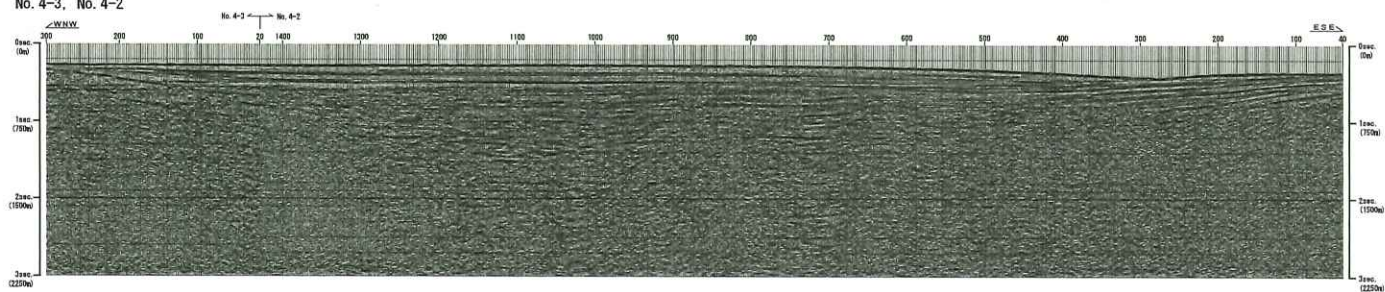
第3.2-118図(5) 敷地周辺海域の海底地質断面図

No. 5

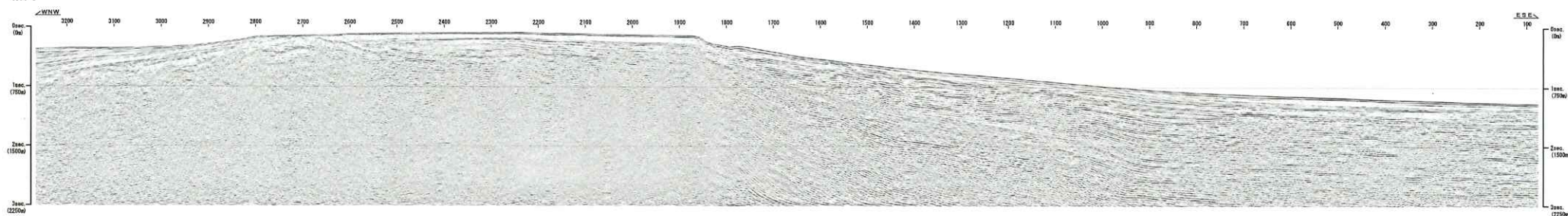


第3. 2-119図(1) 敷地周辺海域の音波探査記録

No. 4-3, No. 4-2

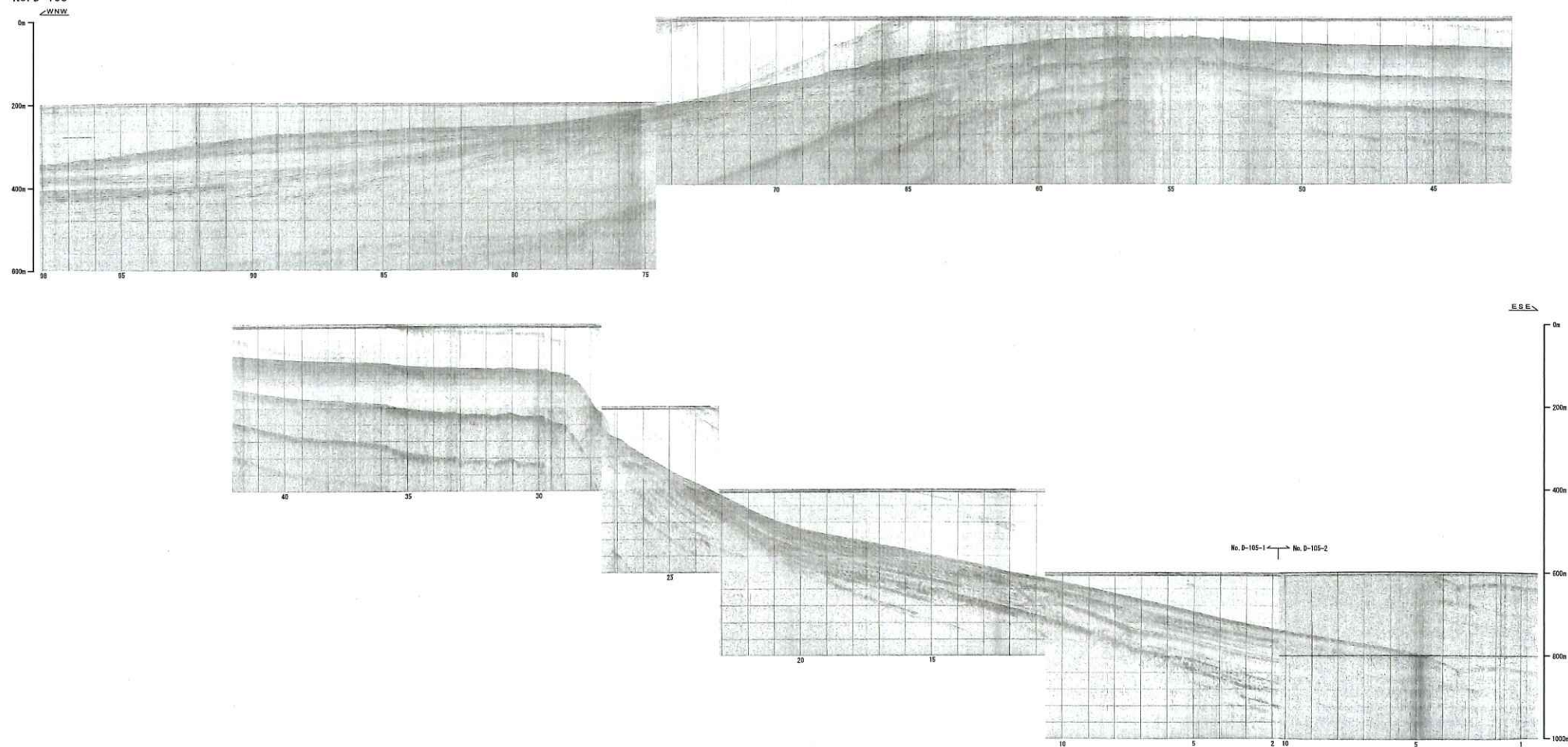


No. 4



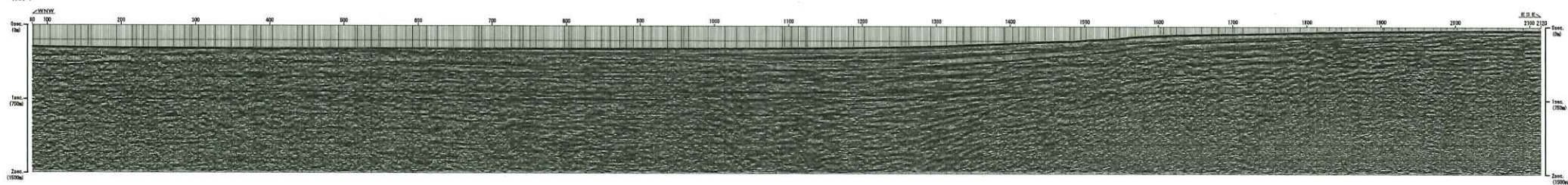
第3.2-119図(2) 敷地周辺海域の音波探査記録

No. D-105

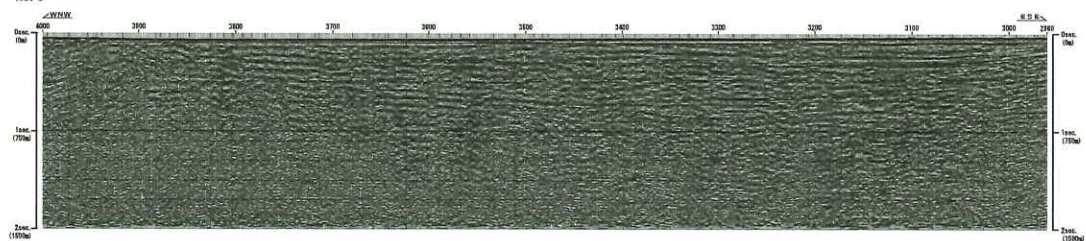


第3.2-119図(3) 敷地周辺海域の音波探査記録

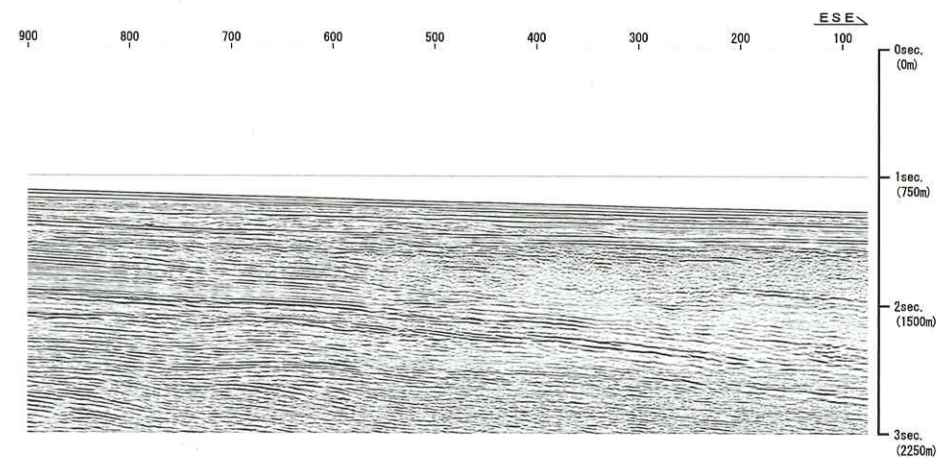
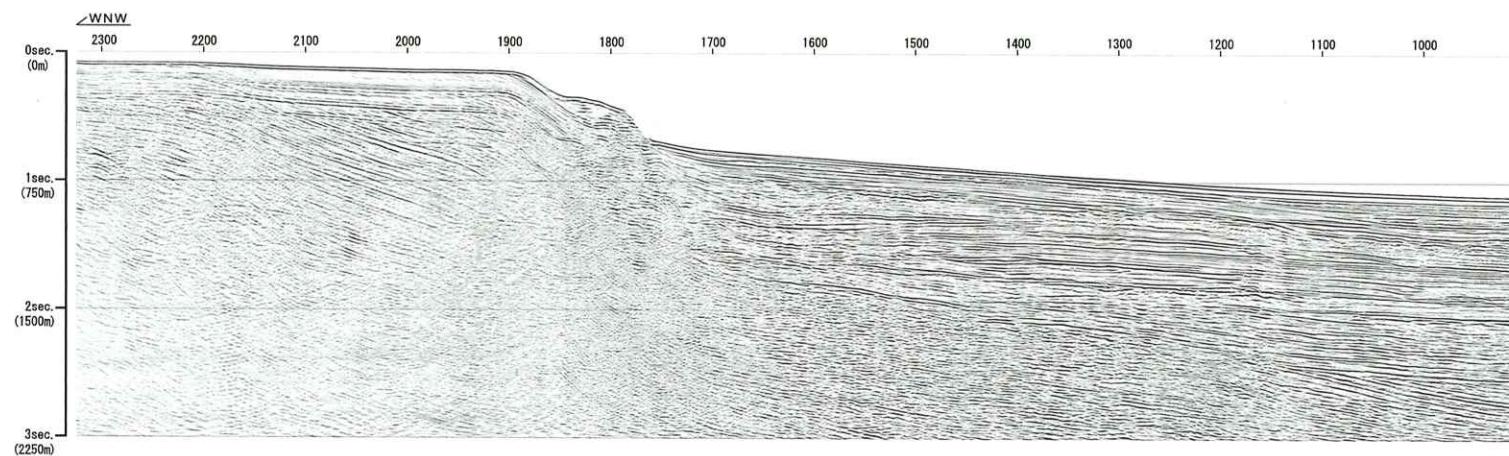
No. 7



No. 6

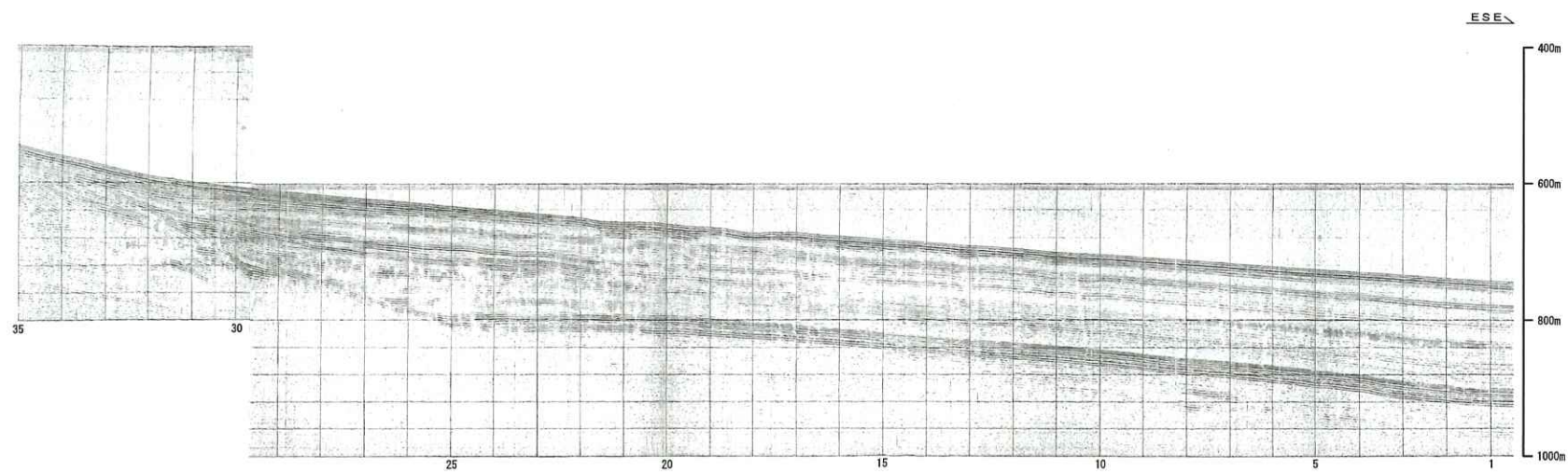
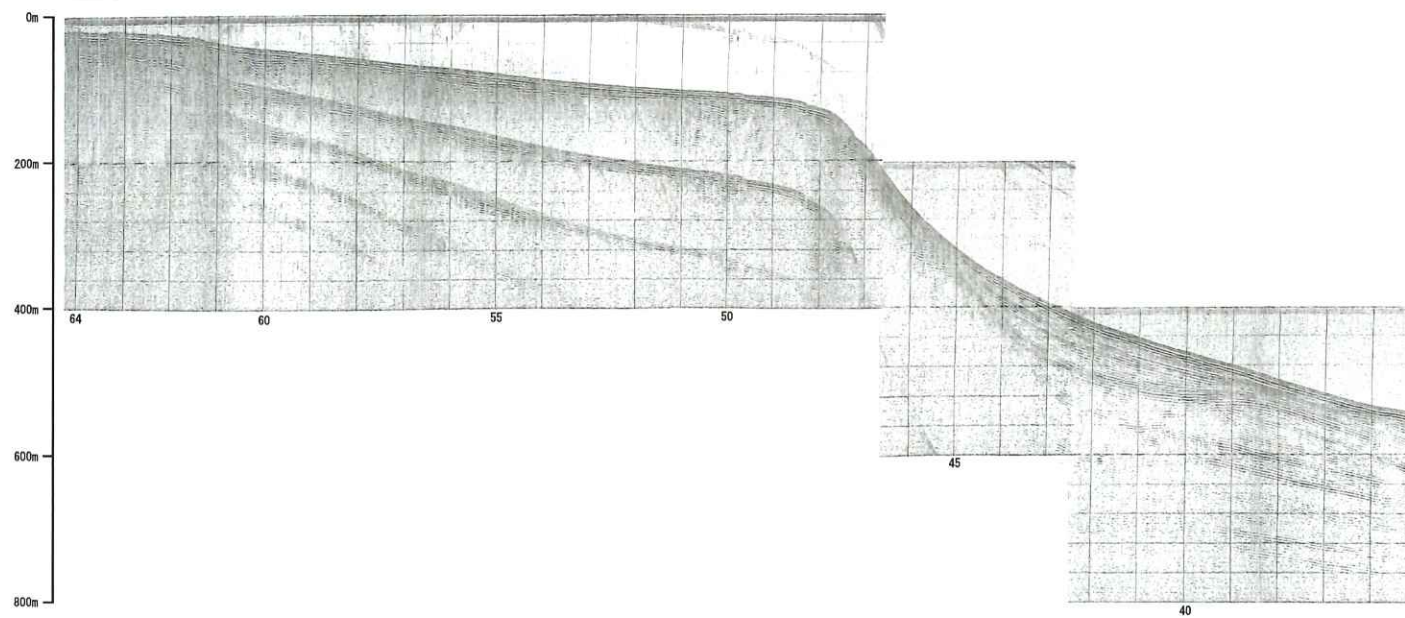


No. 3



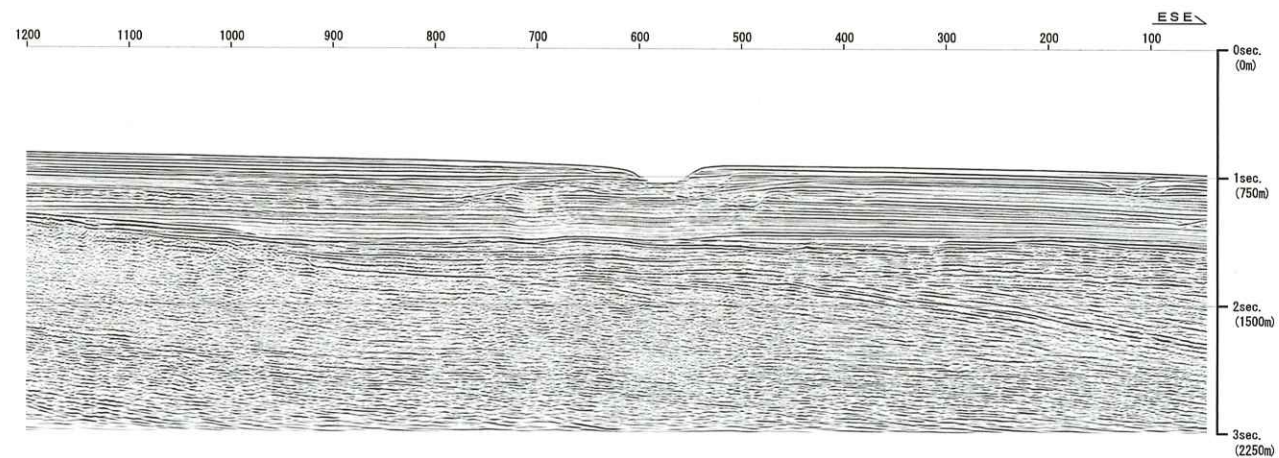
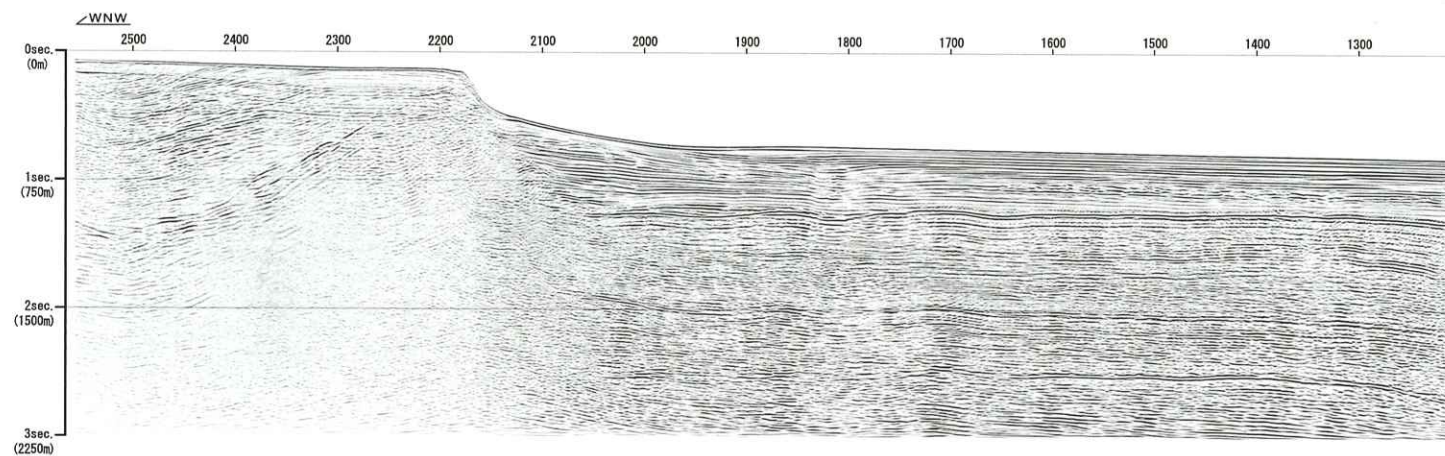
第3.2-119図(5) 敷地周辺海域の音波探査記録

No. C-105
WNW



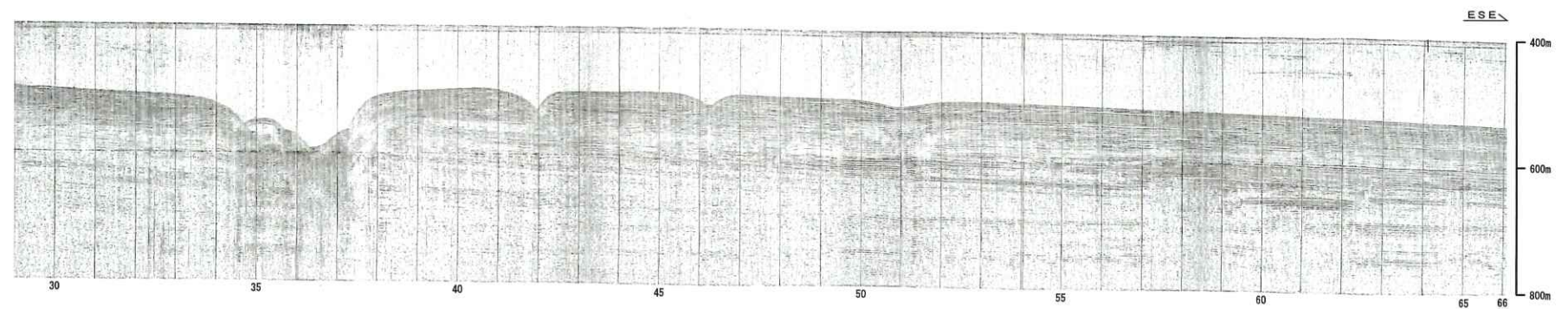
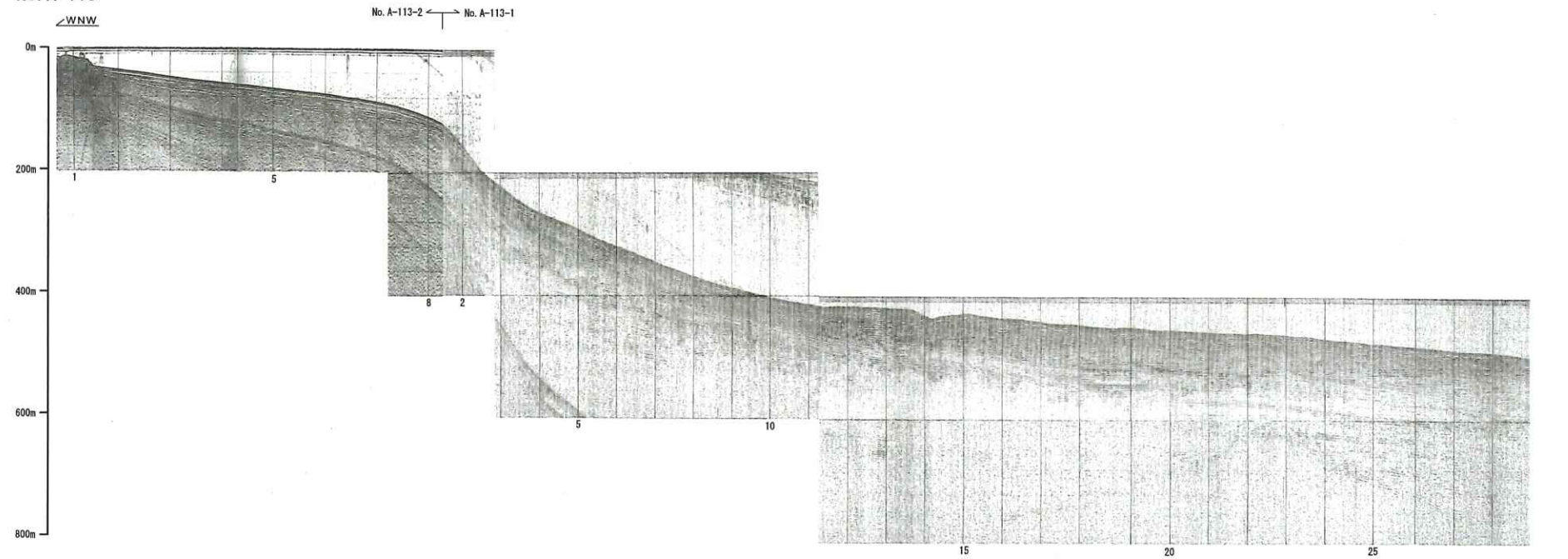
第3. 2-119図(6) 敷地周辺海域の音波探査記録

No. 2



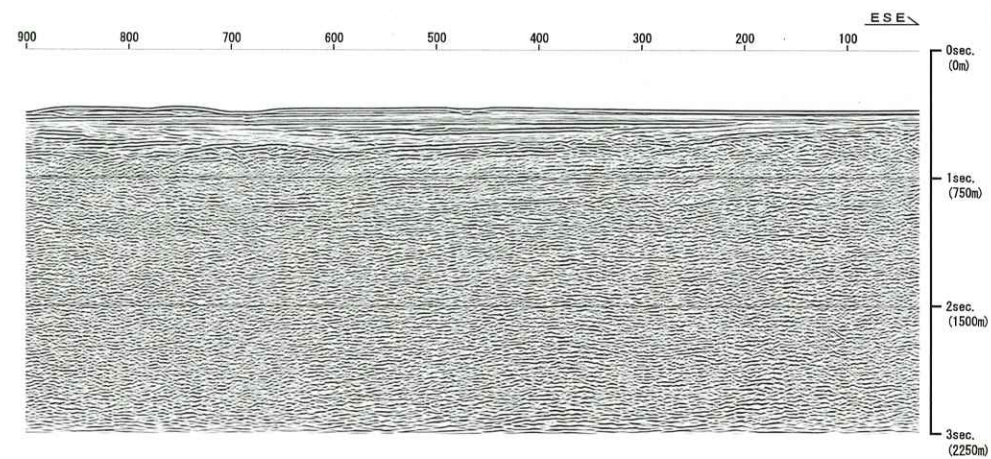
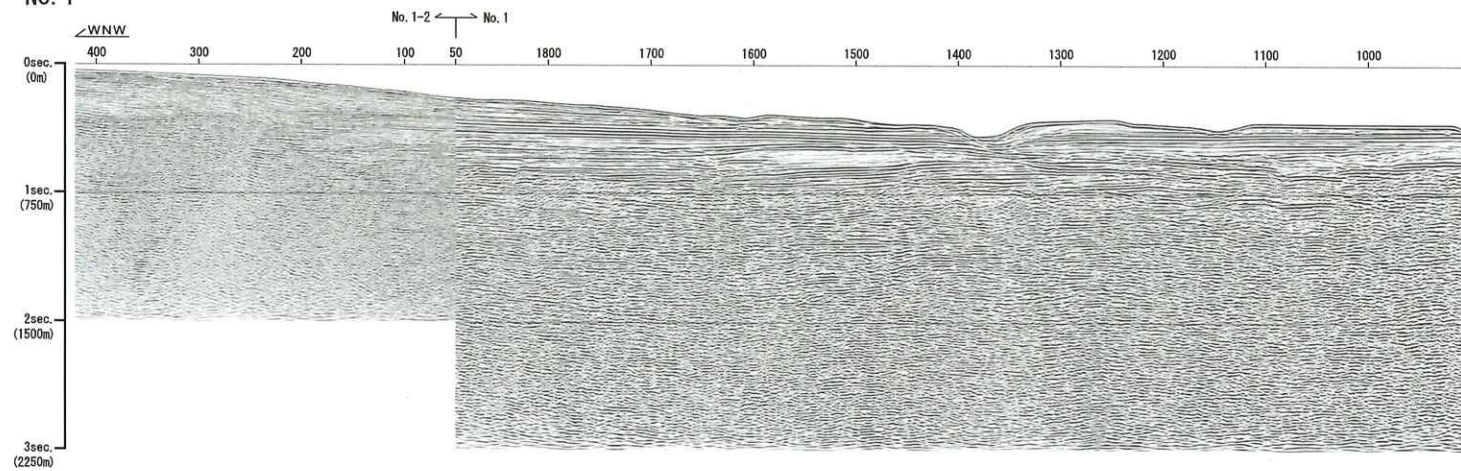
第3.2-119図(7) 敷地周辺海域の音波探査記録

No. A-113



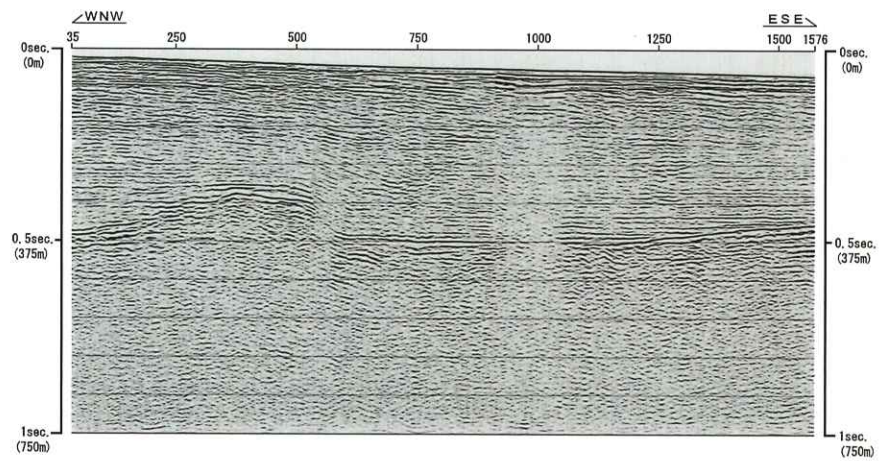
第3. 2-119図(8) 敷地周辺海域の音波探査記録

No. 1

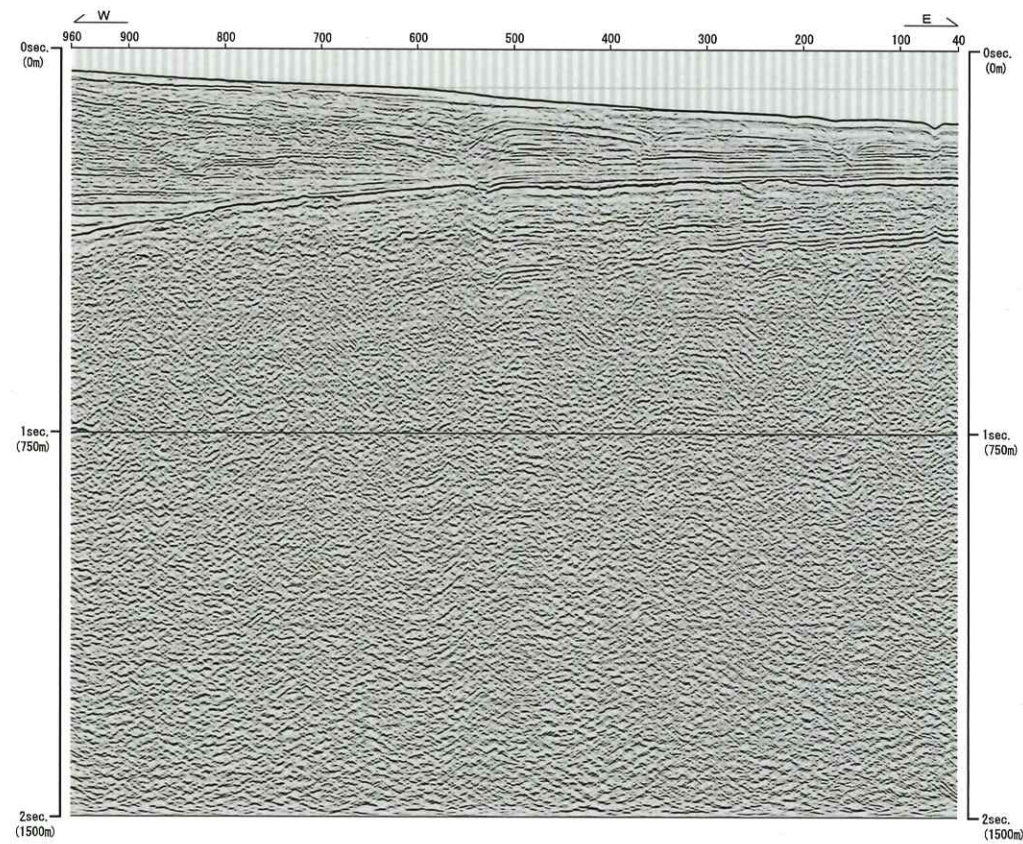


第3. 2-119図(9) 敷地周辺海域の音波探査記録

07S9.5

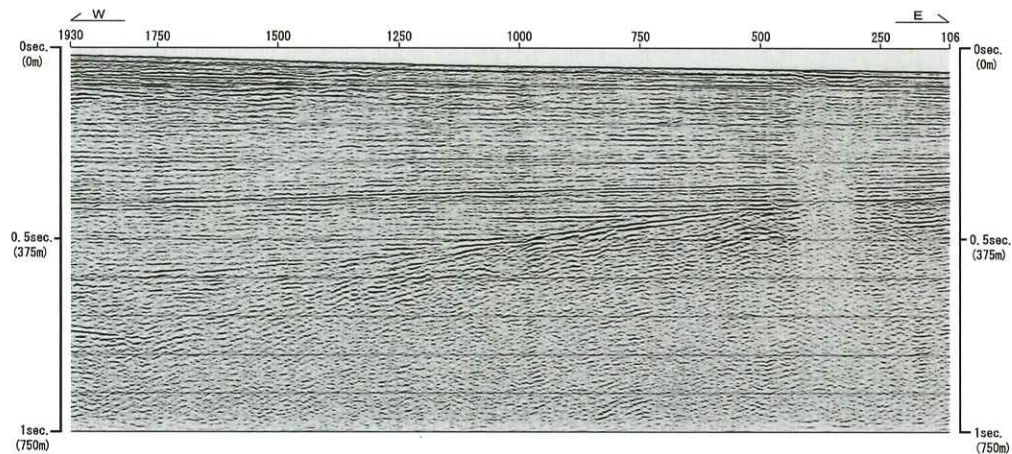


07M3

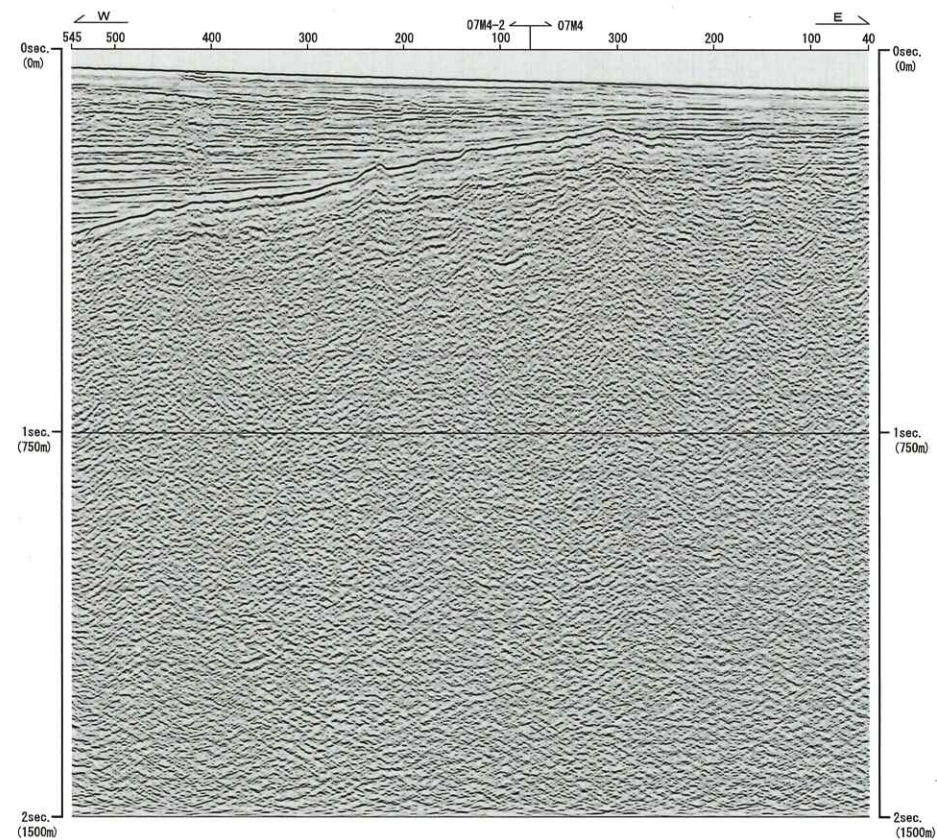


第3.2-119図(10) 敷地周辺海域の音波探査記録

07S13.5

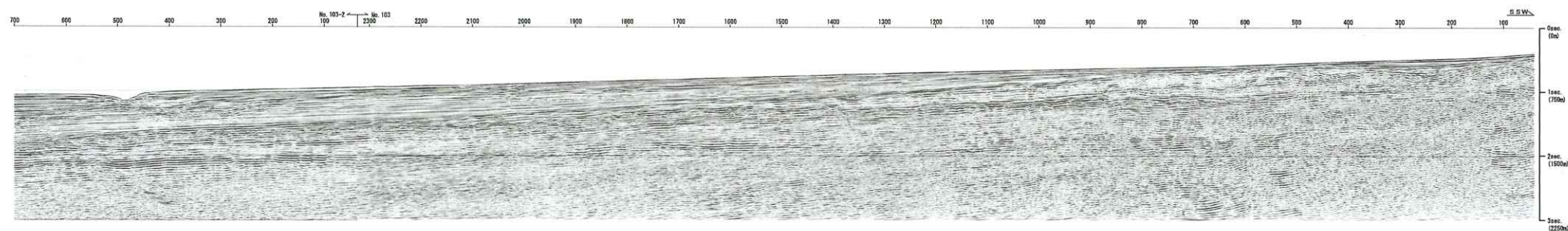
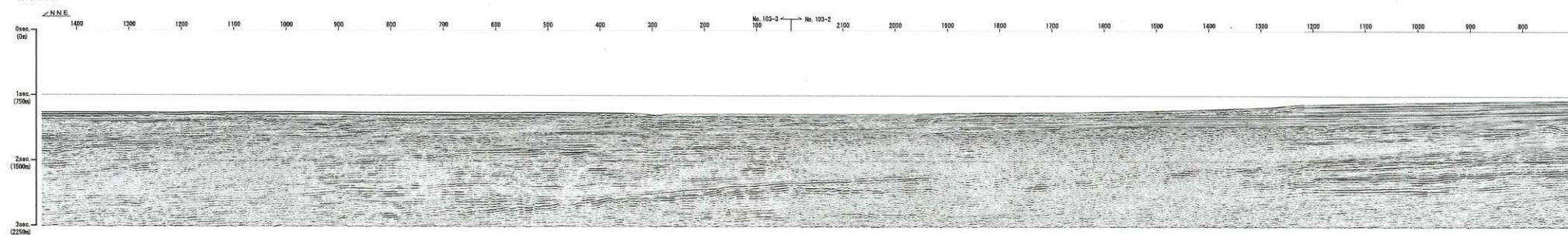


07M4

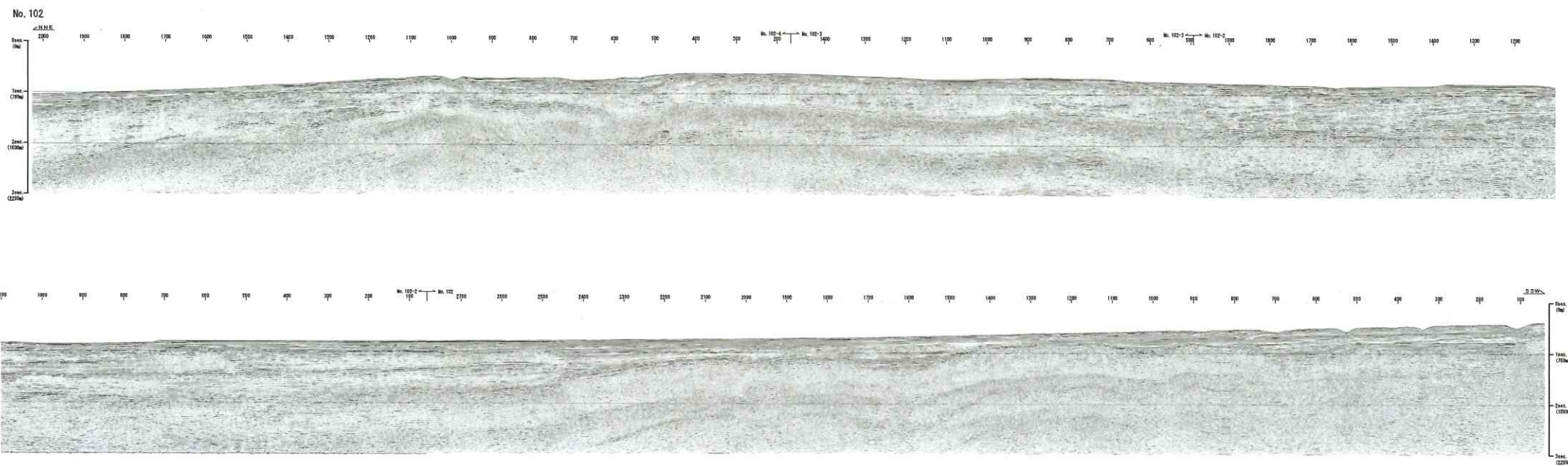


第3.2-119図(11) 敷地周辺海域の音波探査記録

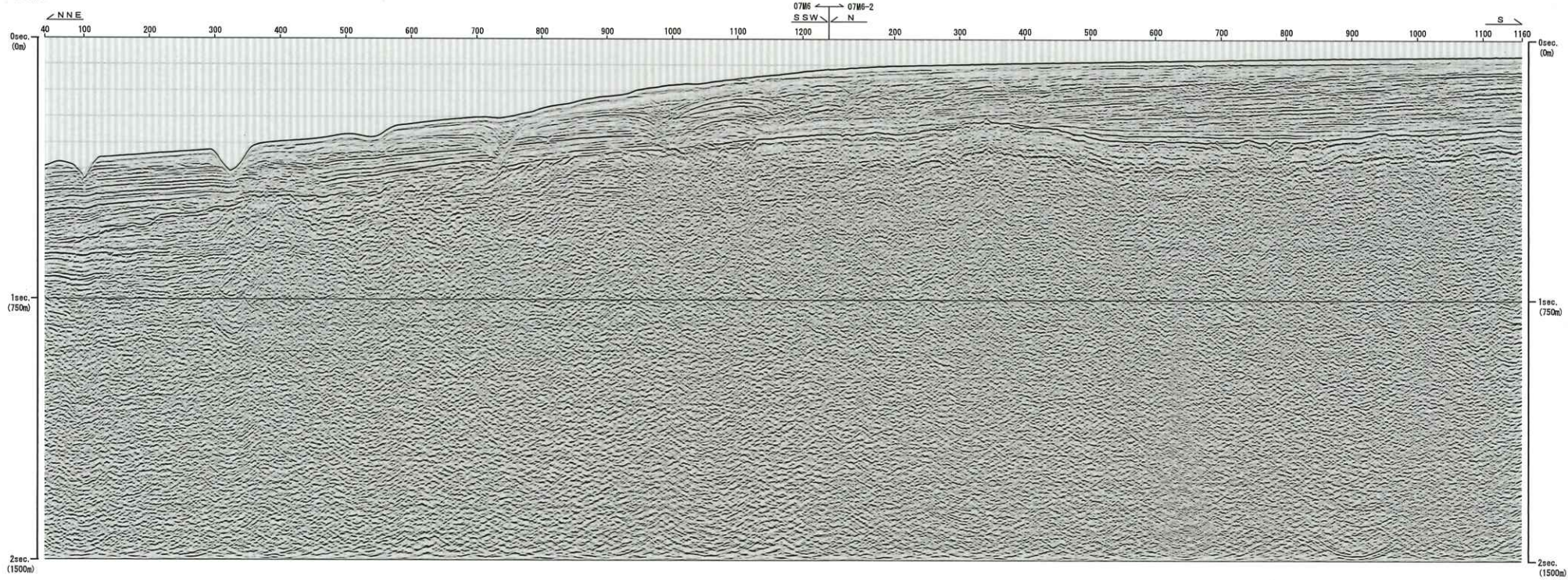
No. 103



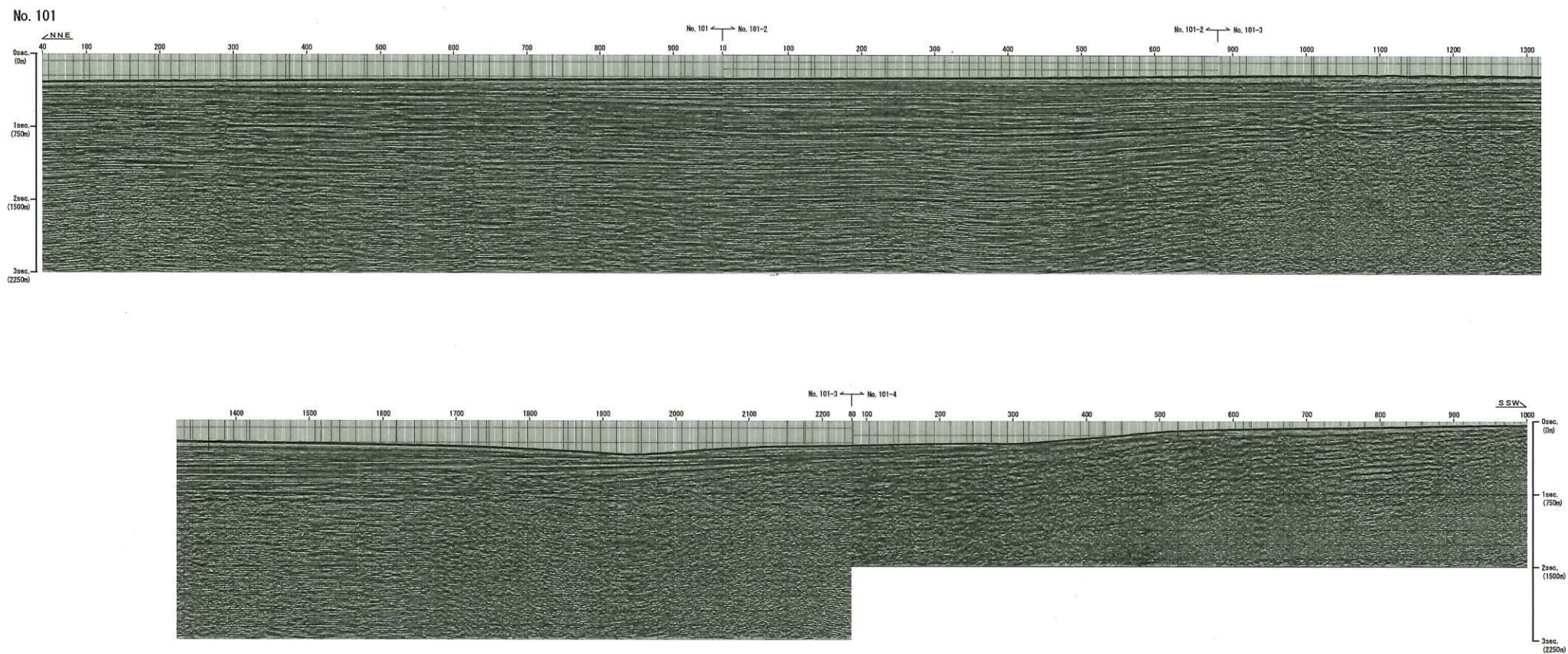
第3.2-119図(12) 敷地周辺海域の音波探査記録



07M6

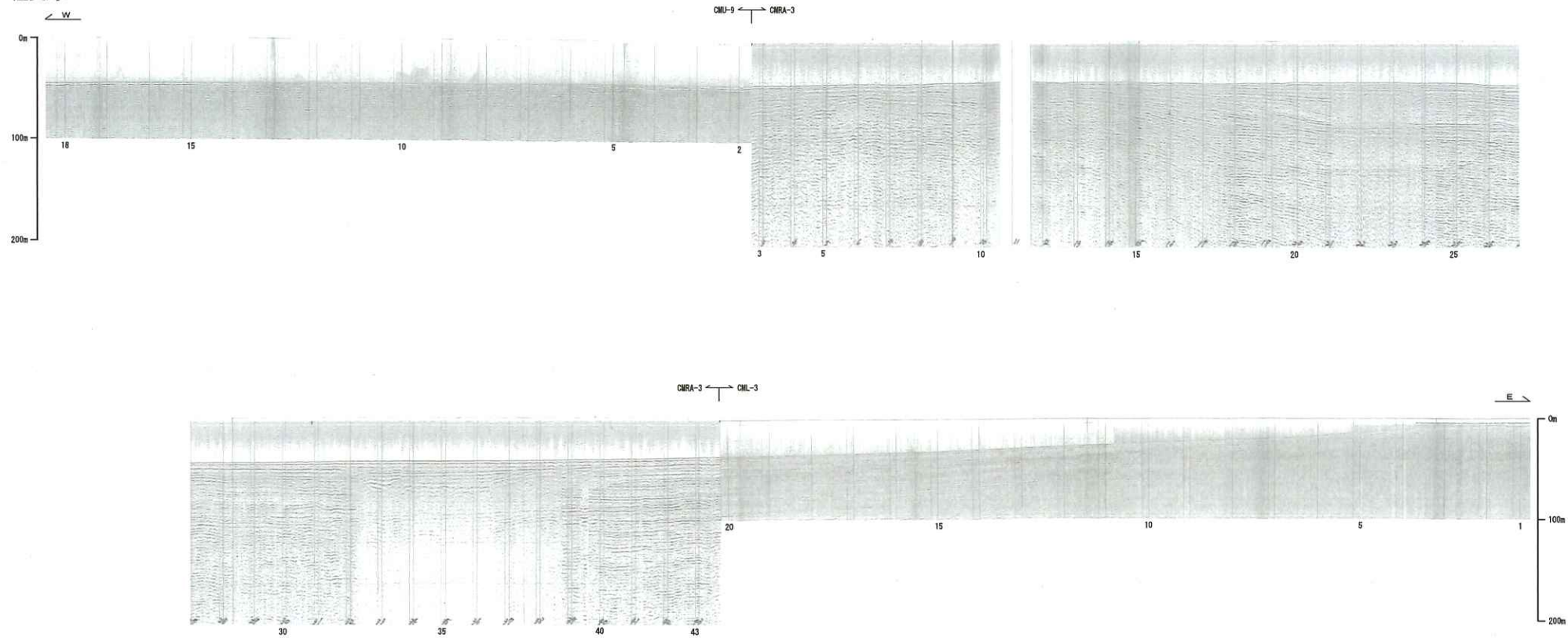


第3. 2-119図(14) 敷地周辺海域の音波探査記録



第3.2-119図(15) 敷地周辺海域の音波探査記録

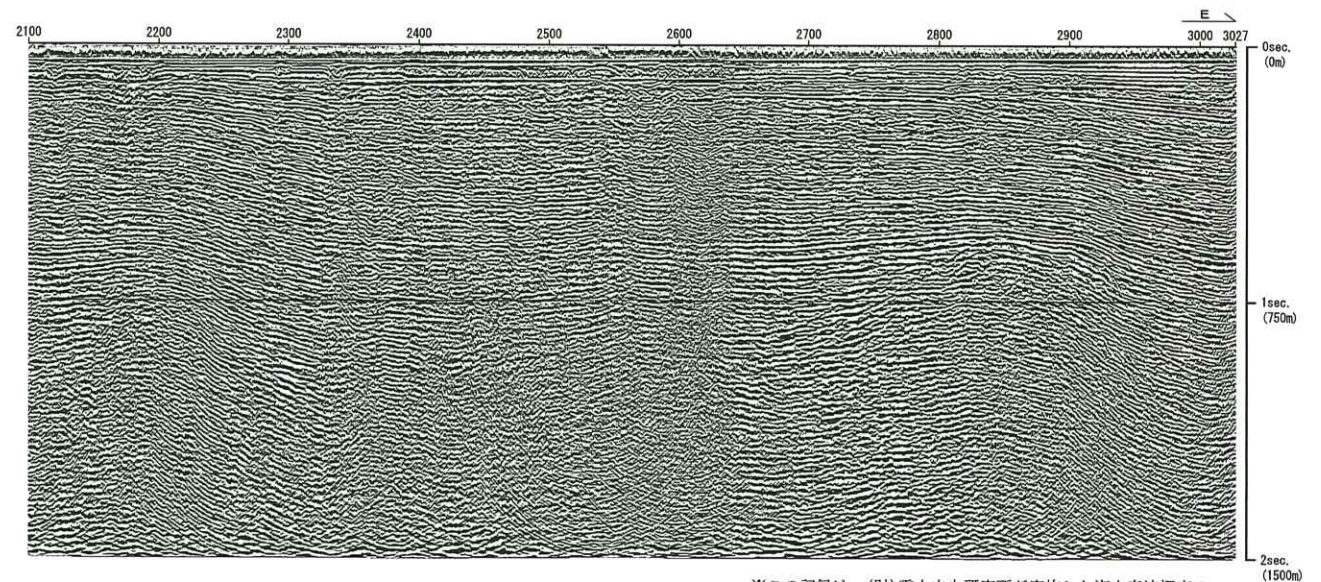
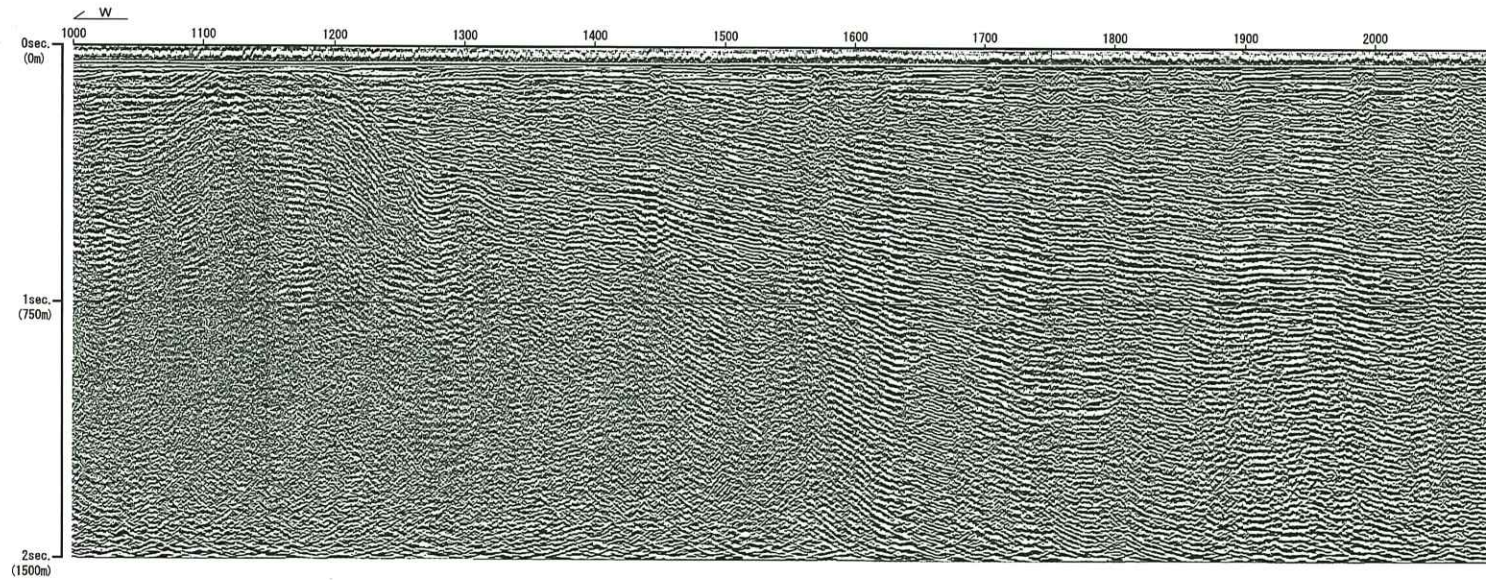
陸奥湾1



※この記録は、国土地理院が実施した海上音波探査の記録を、日本原燃院が独自に編集したものである。

第3.2-119図(16) 敷地周辺海域の音波探査記録

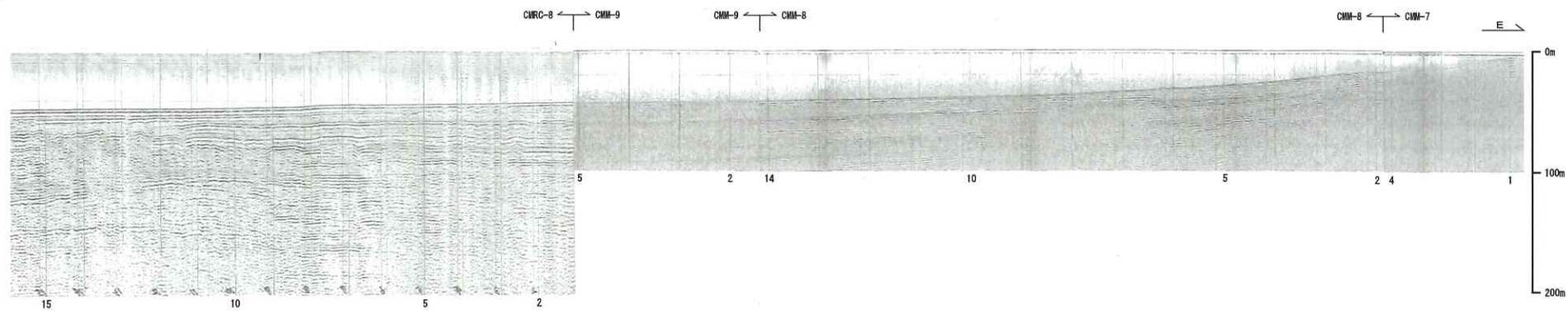
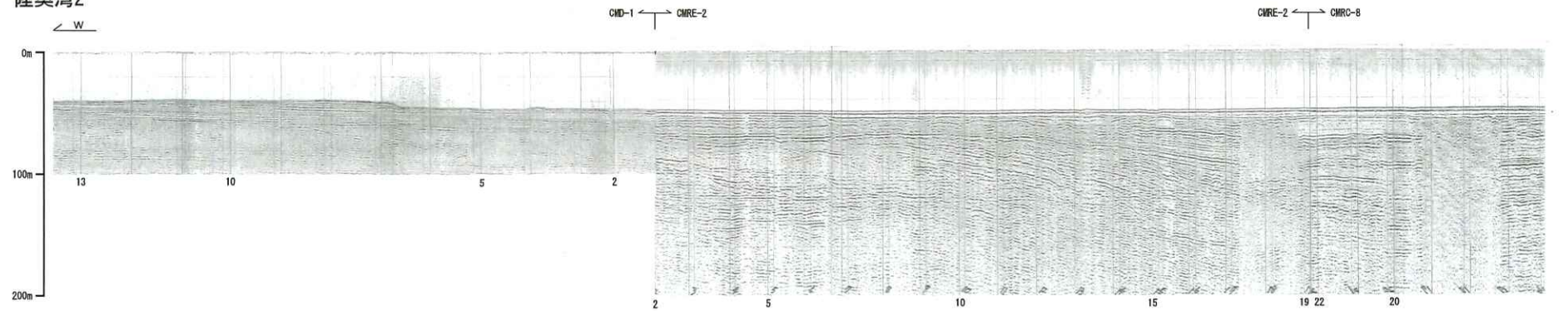
陸奥湾M



※この記録は、(財)電力中央研究所が実施した海上音波探査の記録を、日本原燃が独自に編集したものである。

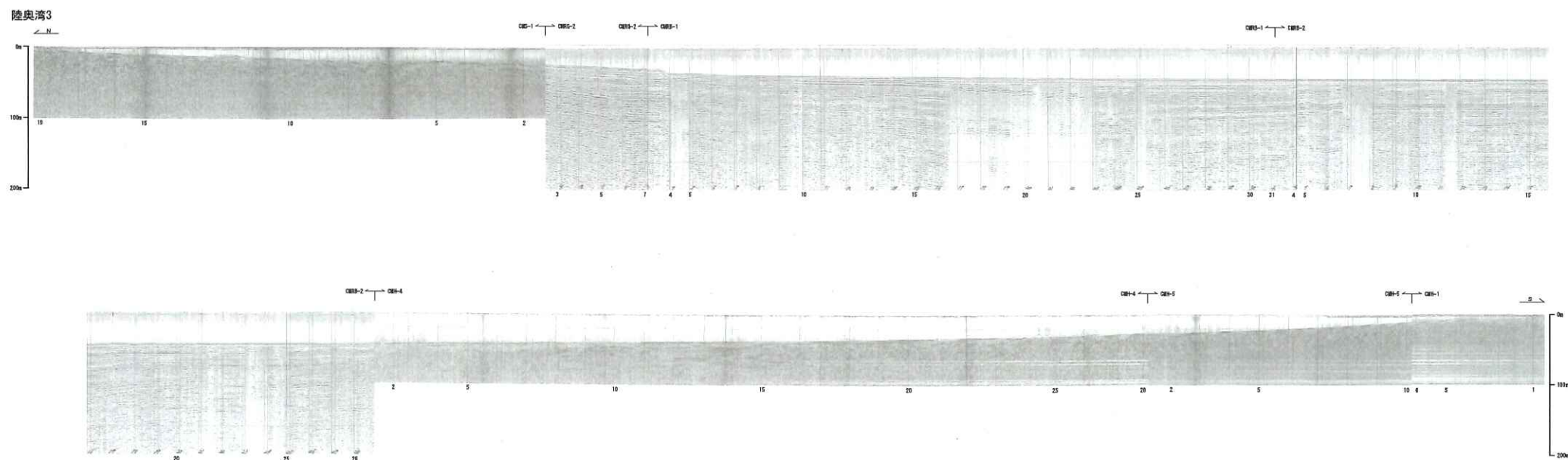
第3.2-119図(17) 敷地周辺海域の音波探査記録

陸奥湾2



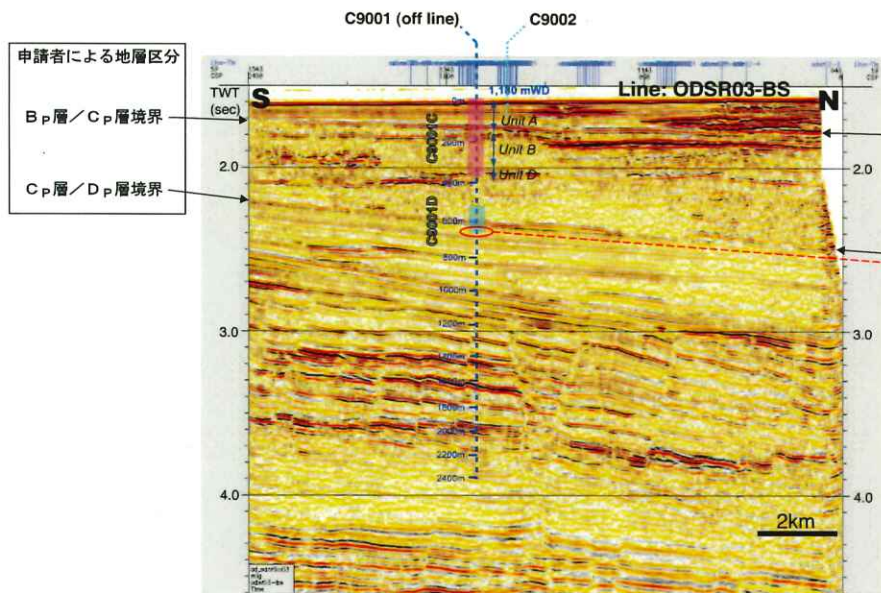
※この記録は、国土地理院が実施した海上音波探査の記録を、日本原燃網が独自に編集したものである。

第3.2-119図(18) 敷地周辺海域の音波探査記録



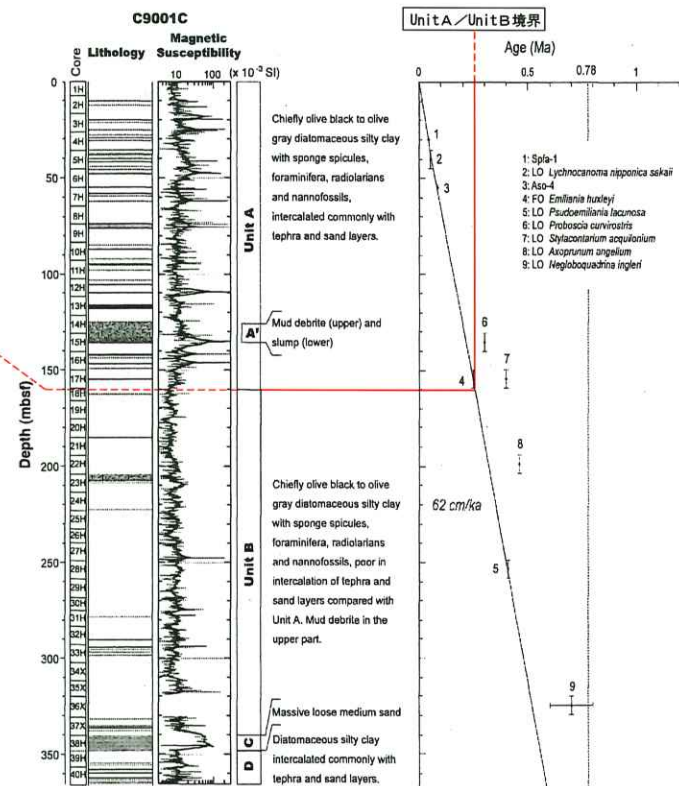
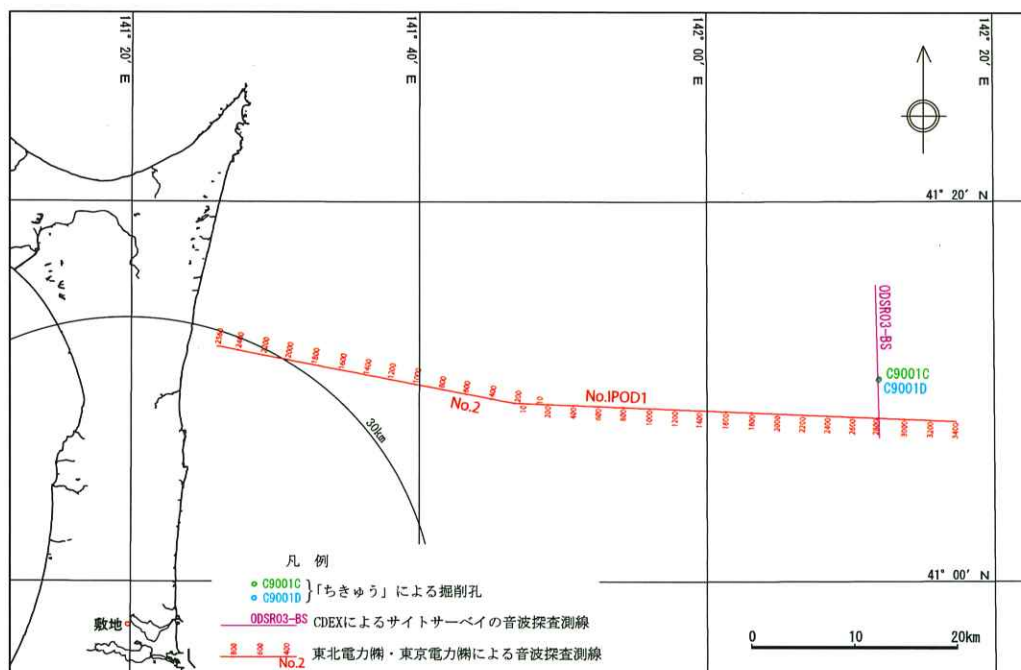
※この記録は、国土地理院が実施した海上音波探査の記録を、日本原産船が独自に編集したものである。

第3.2-119図(19) 敷地周辺海域の音波探査記録



Kobayashi et al. (2009) より抜粋・一部加筆

C9001C, Dと音波探査記録との対比



青池 (2008) より抜粋・一部加筆

年代モデル

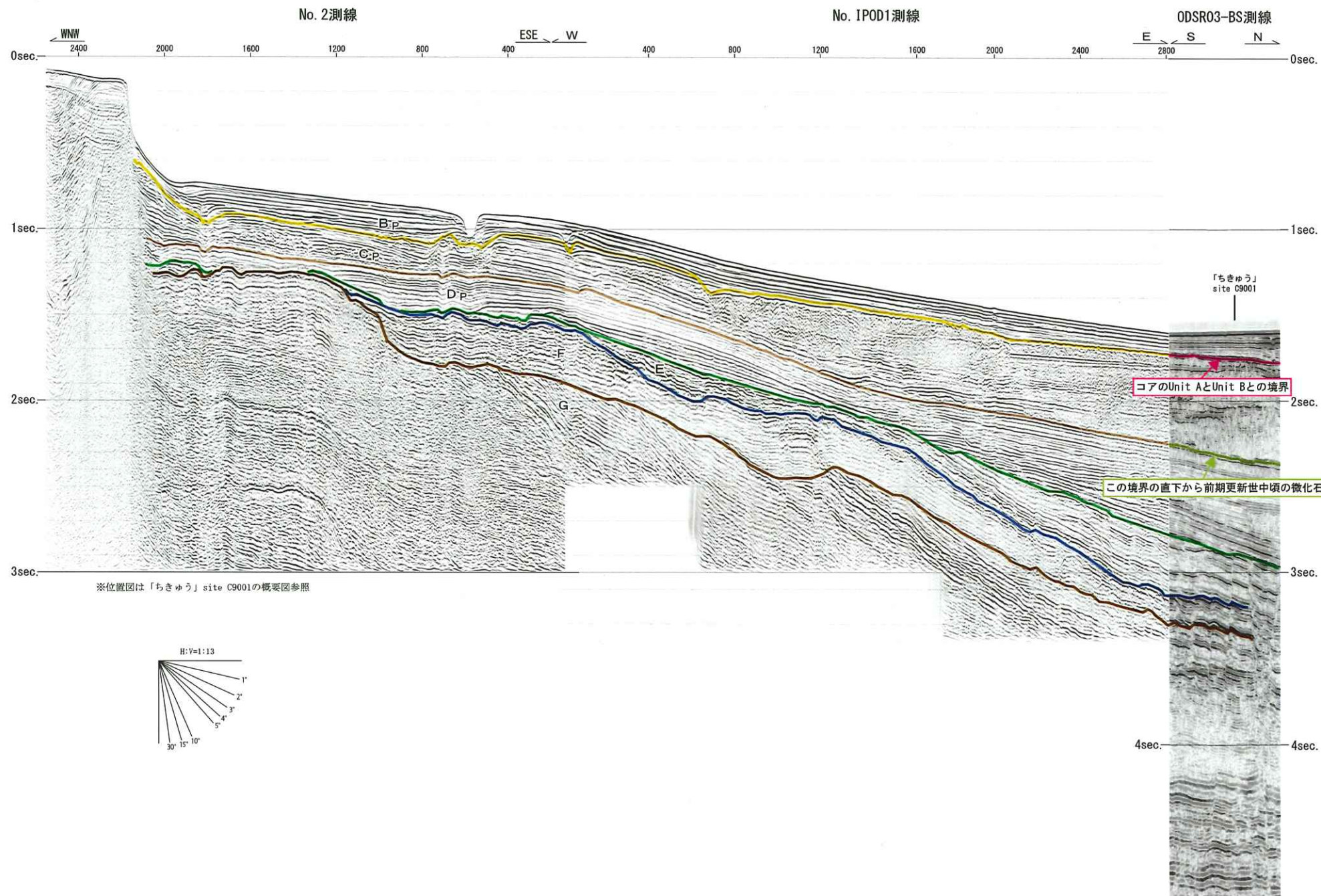
Event	Hole, Core, Section, Interval (cm)		Depth (mbsf)	Age (ka)	Remarks
	Upper limit	Lower limit			
Spla-1	C9001C-4H-4 57-68cm		34.3	43 ± 1	Tephra
T <i>Lychnocanoma nipponica sakaii</i>	C9001C-4H-CC 34cm	C9001C-5H-CC 38cm	35.3 - 44.9	50	
Aso-4	C9001C-7H-4 49-42.5cm		58.7	87.5 ± 2.5	Tephra
T <i>Stylotarium aciculatum</i>	C9001C-16-CC 30cm	C9001C-17-CC 30cm	149.3 - 158.8	400	Rad
T <i>Axoprunum angelinum</i>	C9001C-21H-CC 34cm	C9001C-22H-CC 18cm	193.9 - 203.3	460 ± 40	Rad
T <i>Neoglobobadrina inglei</i>	C9001C-35X-CC 13cm	C9001C-37X-CC	319.2 - 337.8	600 ± 100	Foram
B large <i>Gephyrocapsa</i> spp. - B medium <i>Gephyrocapsa</i> spp.		C9001D-25SMW	642 - 647	(1700 - 1480)	Nanno

Note: T = top, B = bottom, Rad = radiolarians, Foram = planktonic foraminifera, and Nanno = calcareous nannofossils. Analyses for identification of two known tephras were done using samples from C9001A and C9002B. Spla-1 (Shikotsu-daiichi Tephra) is based on analyses at the Kyoto Fission Track Co. Ltd. (CDEX, unpublished) and by Masago (unpublished data). Aso-4 (Aso-daiyon Tephra) was also identified by Masago (unpublished data). Brunhes-Matuyama boundary horizon (780 ka) was not found within Hole C9001C.

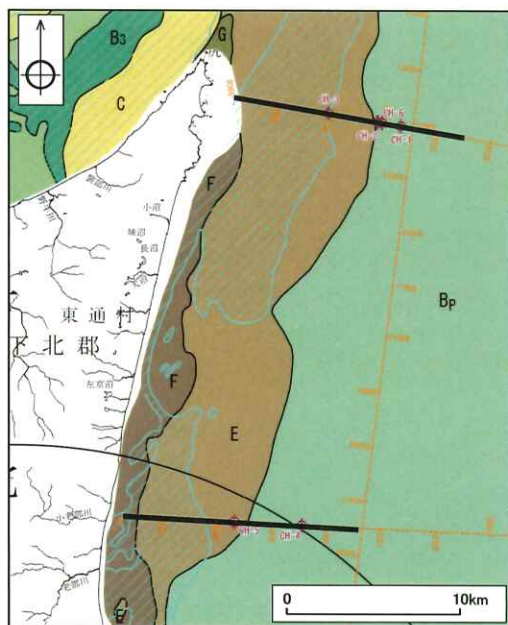
Kobayashi et al. (2009) より抜粋・一部加筆

年代指標

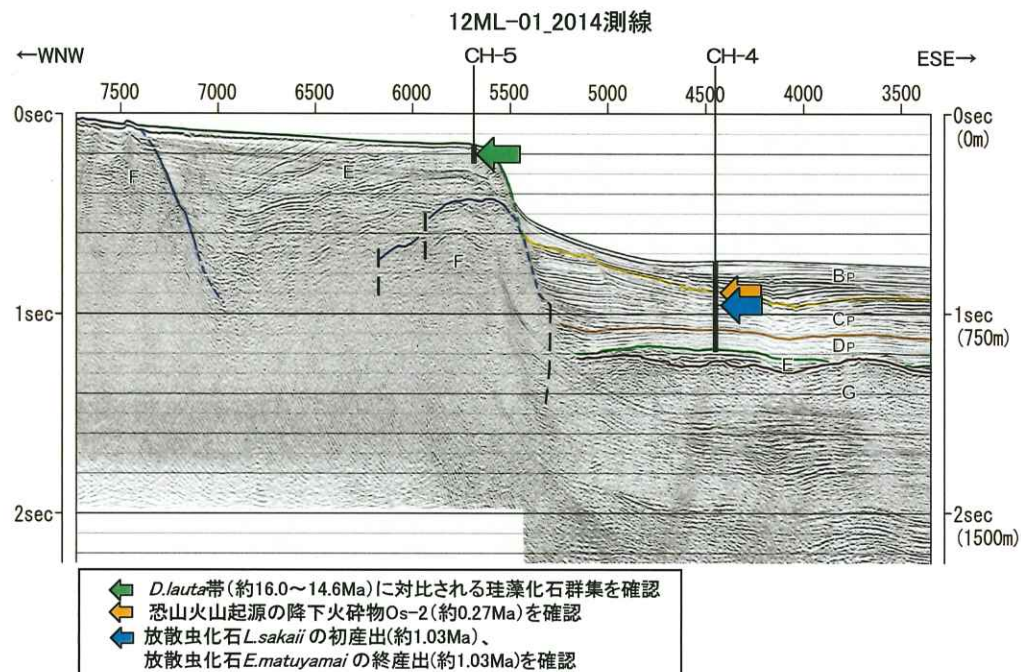
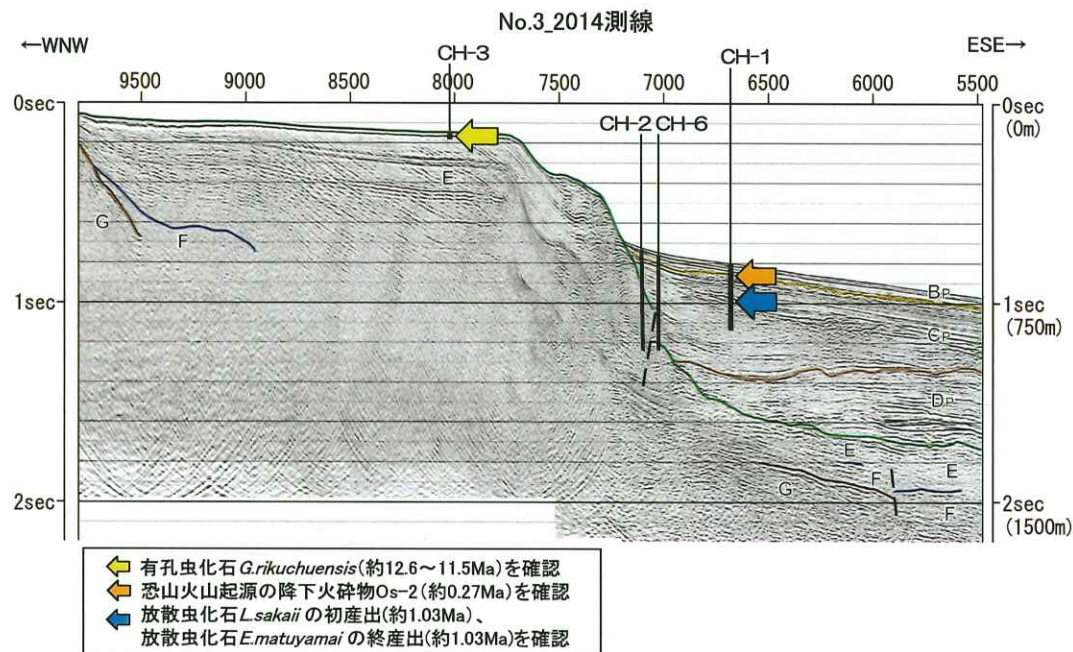
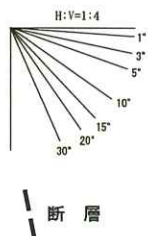
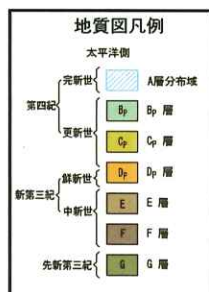
第3.2-120図(1) 「ちきゅう」 site C9001の概要図



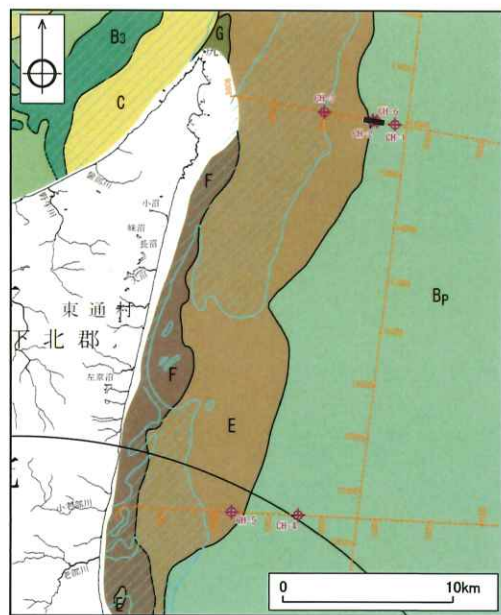
第3.2-120図(2) 敷地周辺海域の地層区分と「ちきゅう」 site C9001との対比図



測線位置図

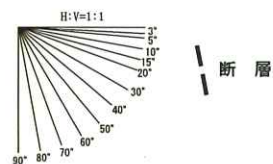
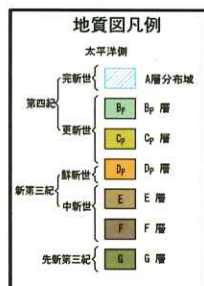


第3.2-121図 尻屋崎沖及び東通村老部川沖の海上ボーリング調査結果図

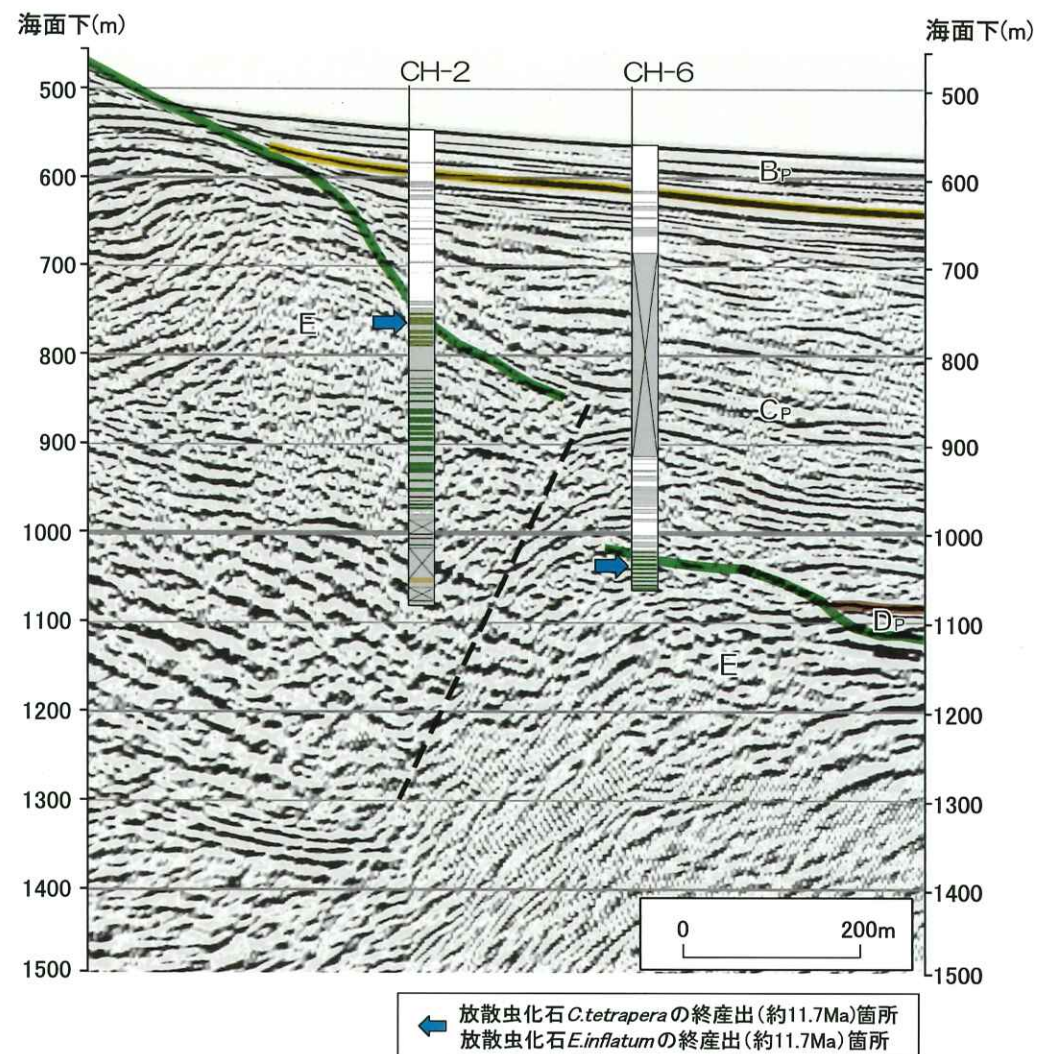


測線位置図

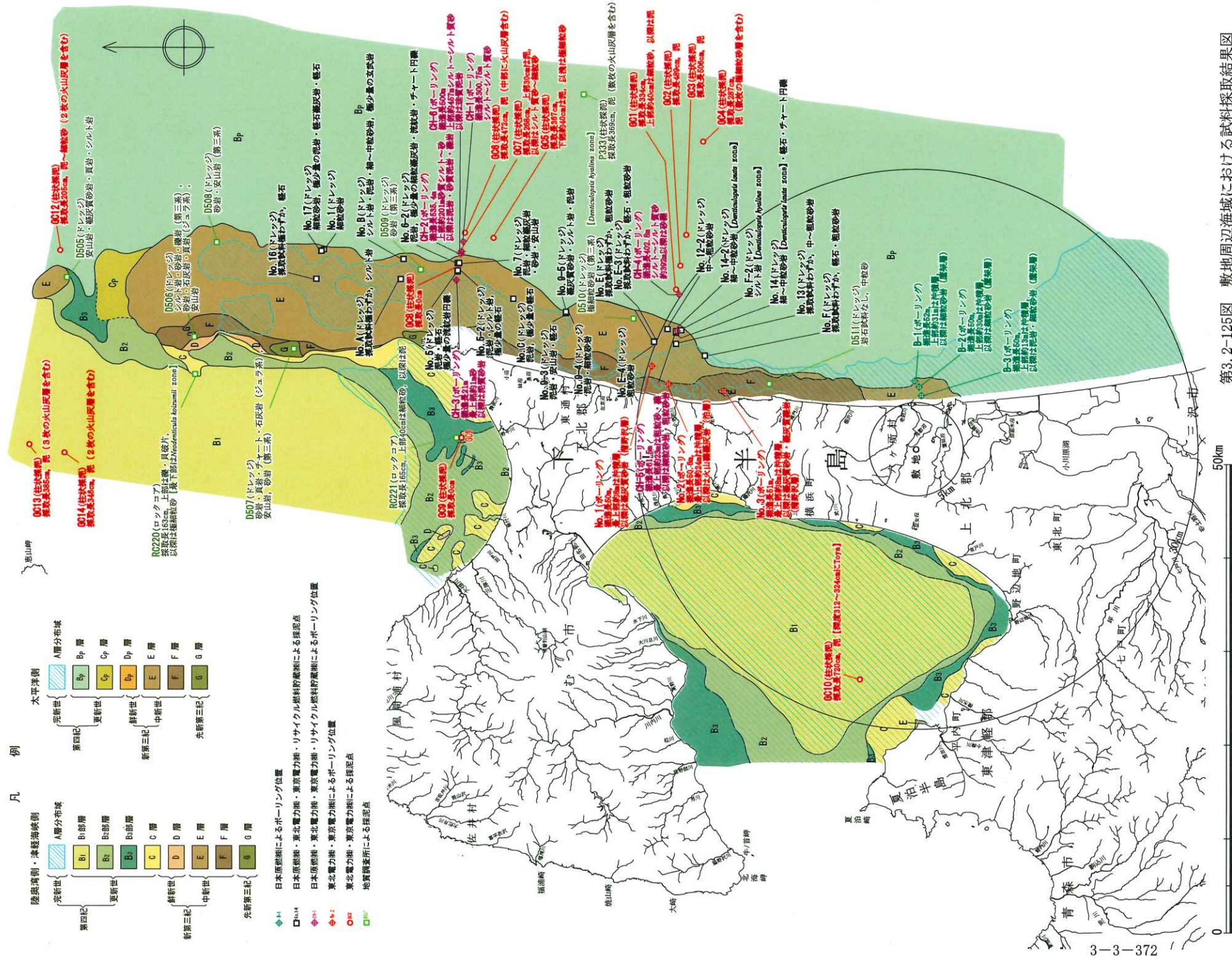
測線位置



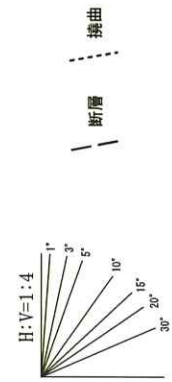
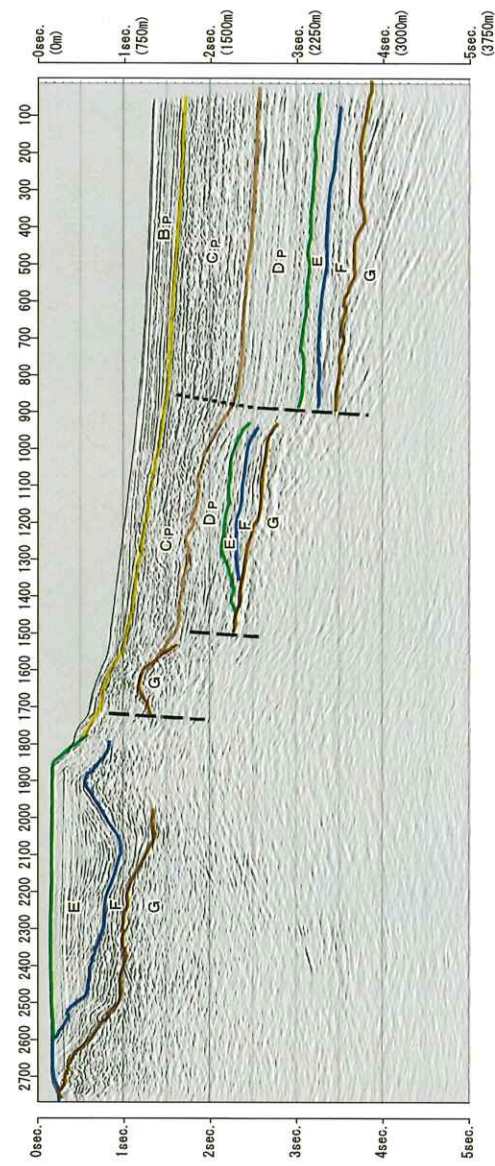
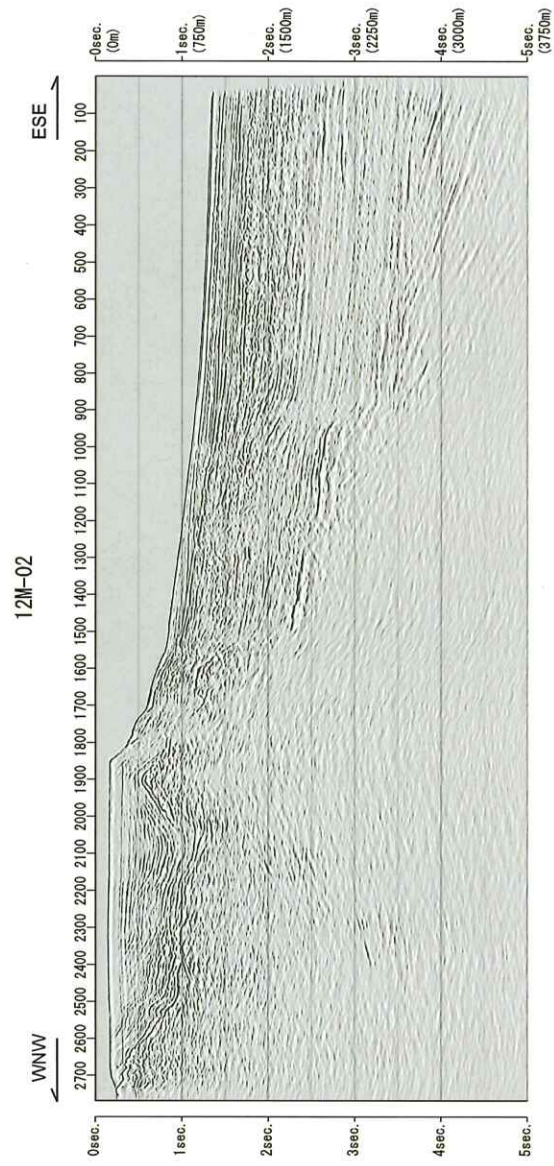
No.3_2014測線(深度断面)



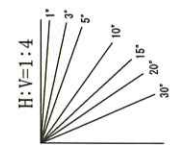
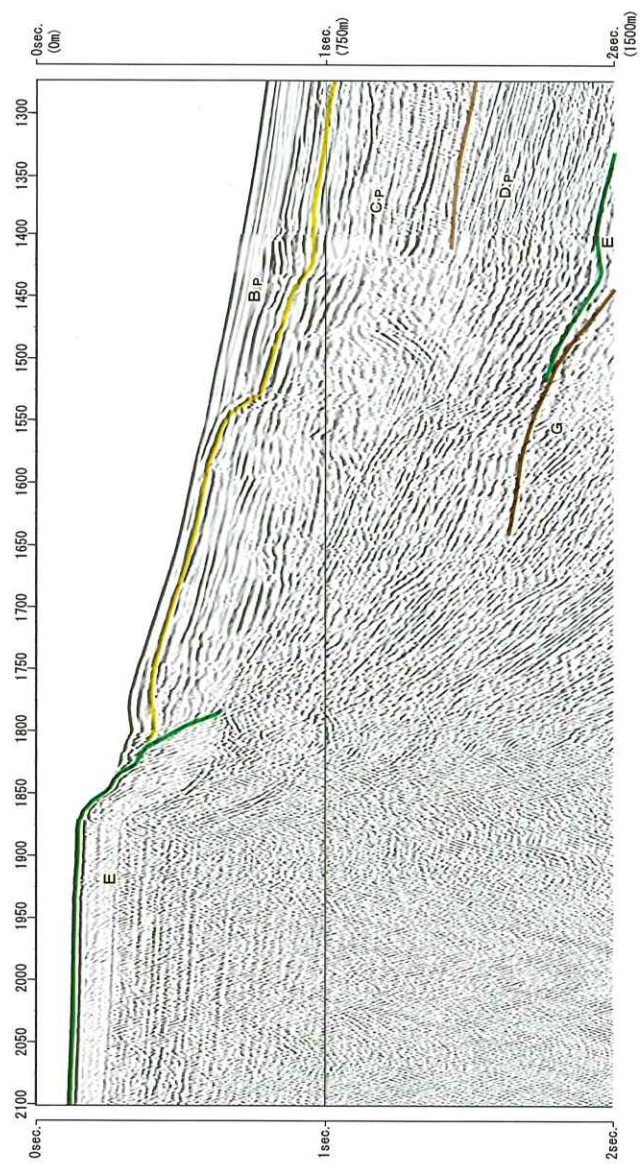
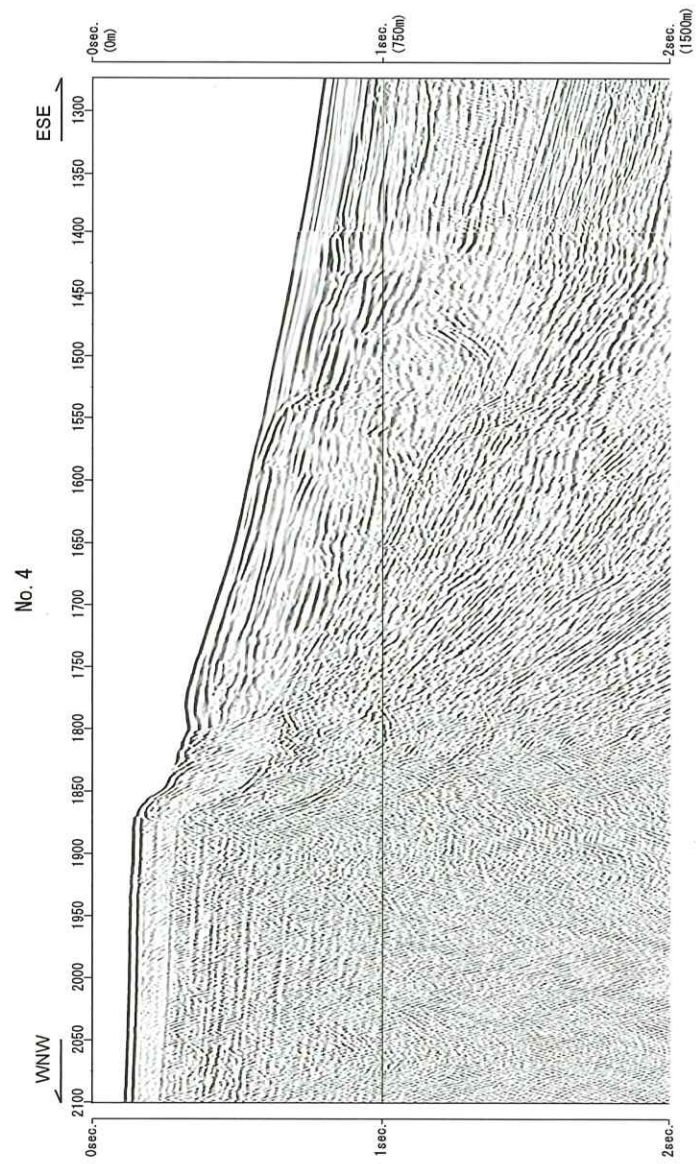
第 3. 2-124 図 尻屋崎沖の急斜面基底部付近のE層の分布図

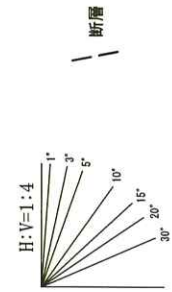
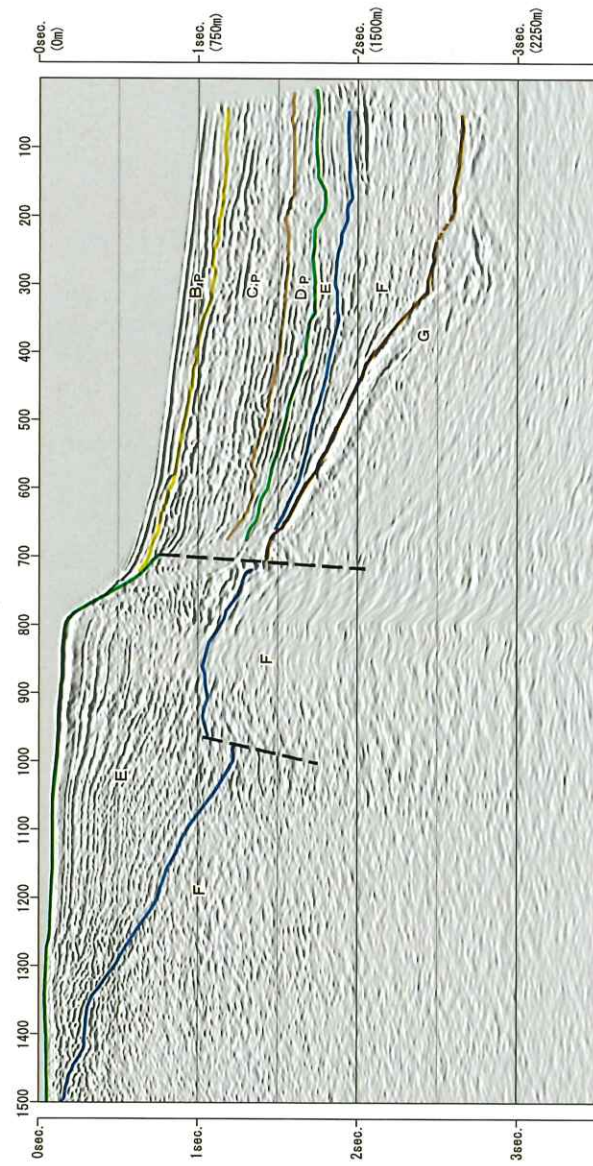
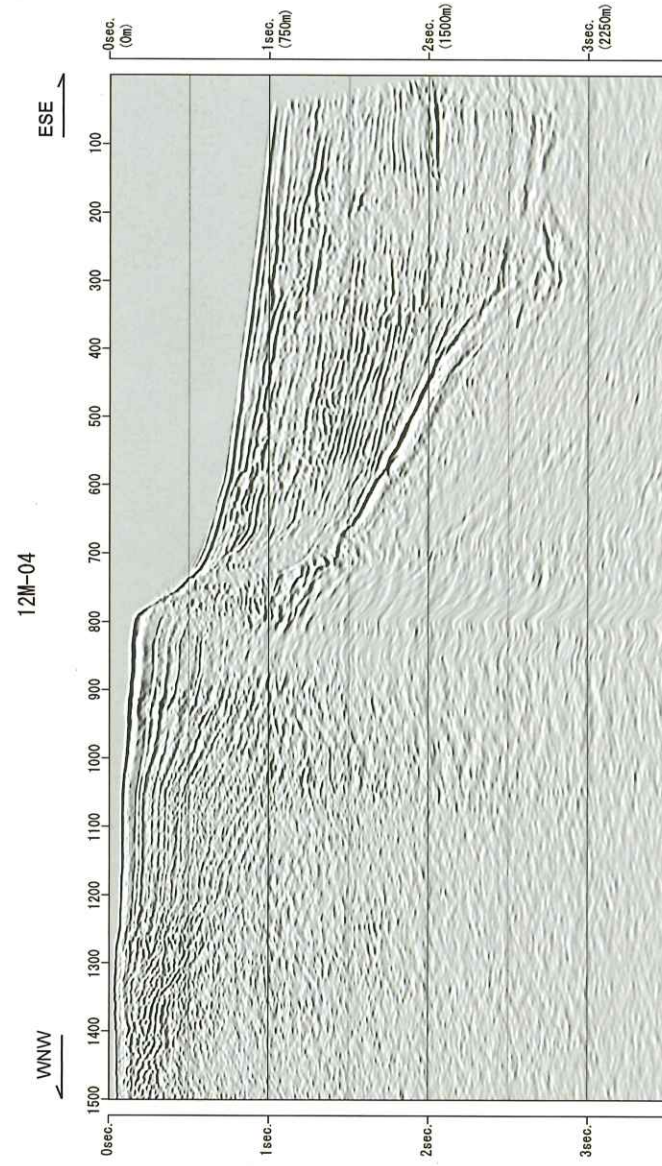


第3.2-125図 敷地周辺海域における試料採取結果図

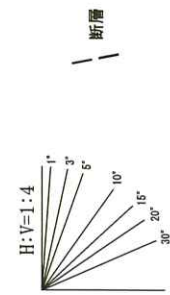
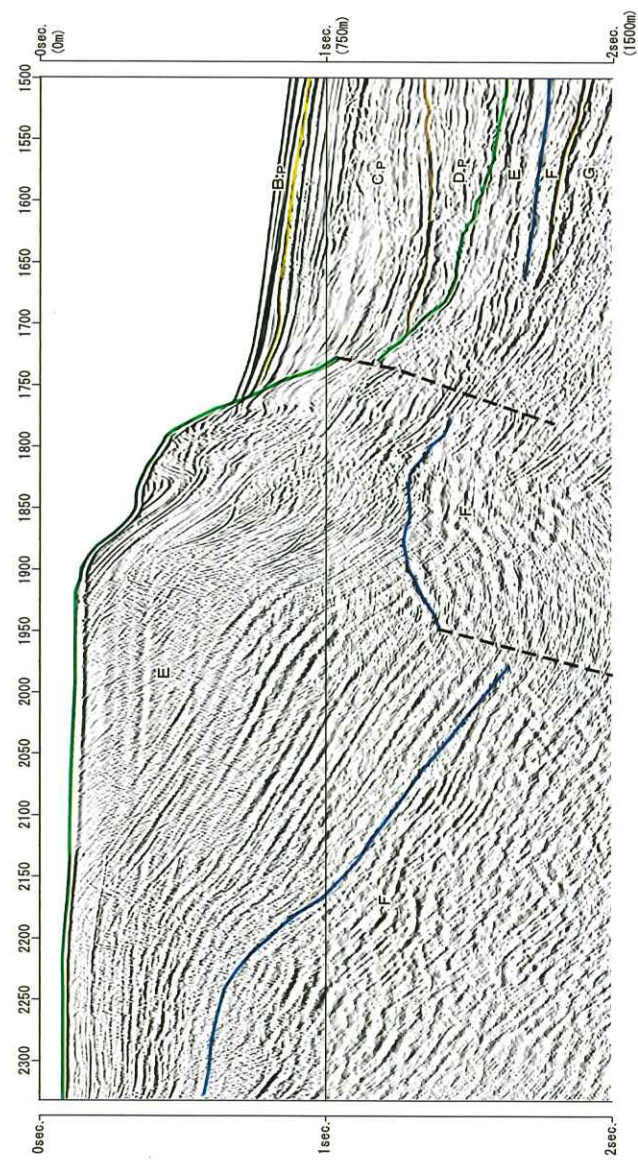
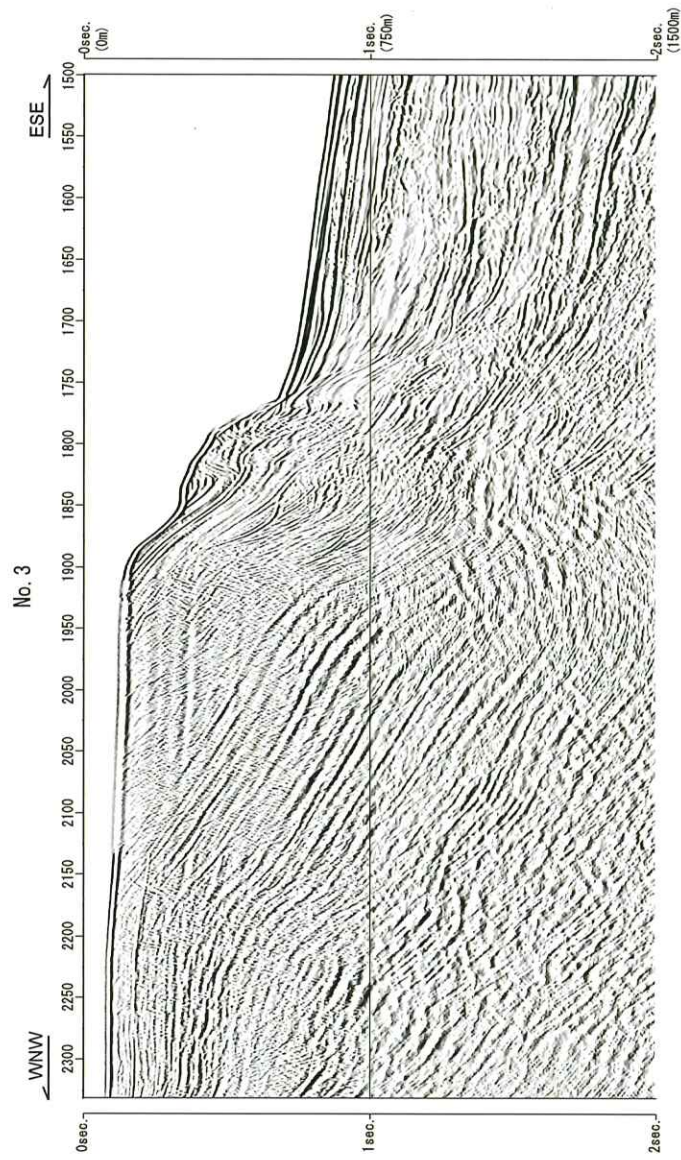


第3.2-129図(2) 大陸棚外縁断層周辺の音波探査記録及び解釈図 (12M-02測線)

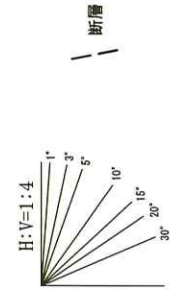
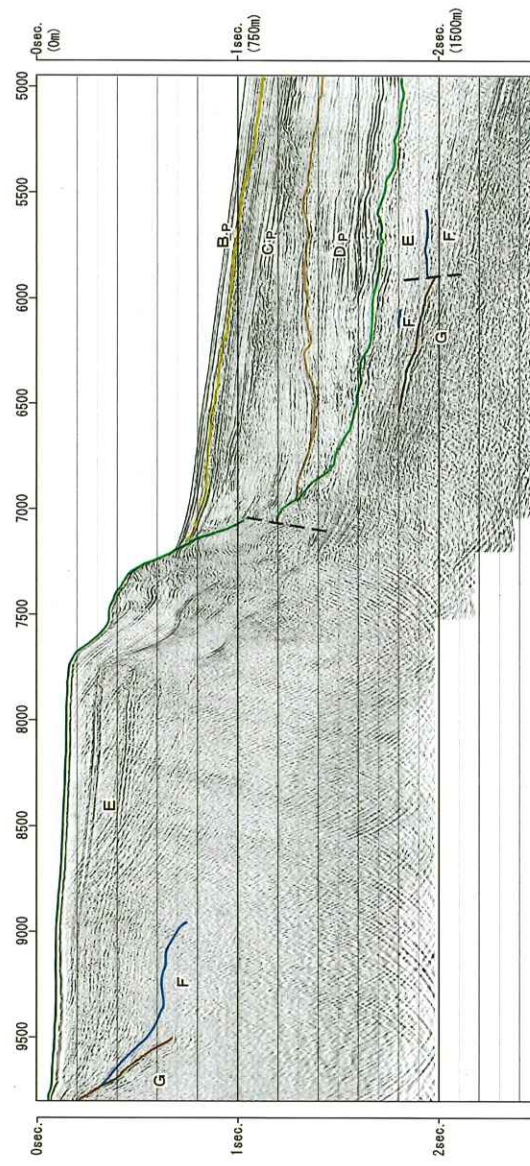
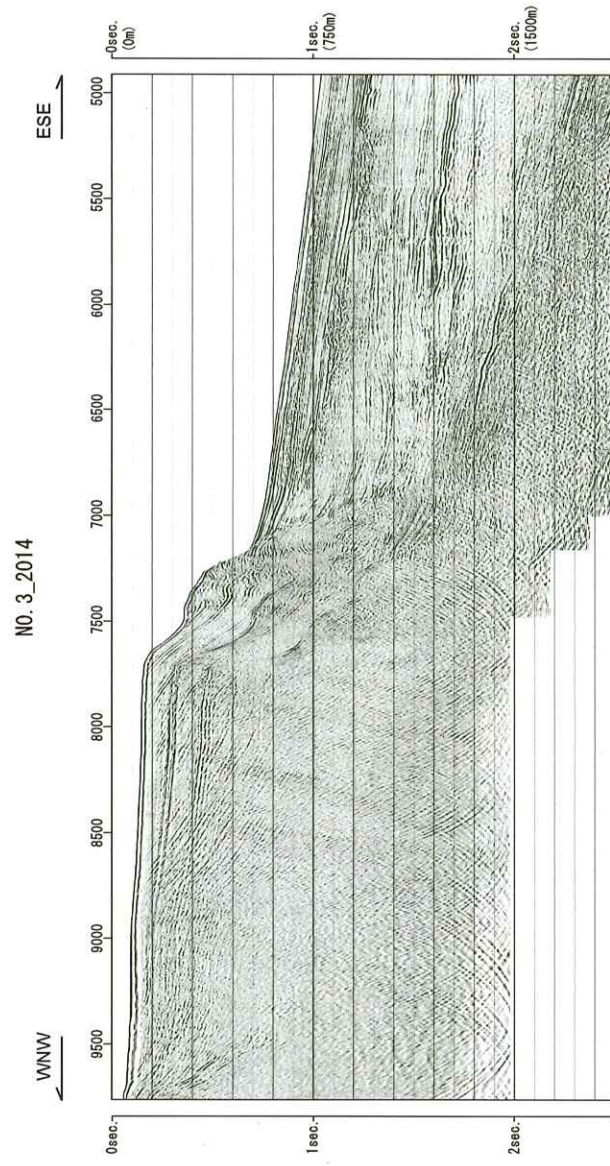




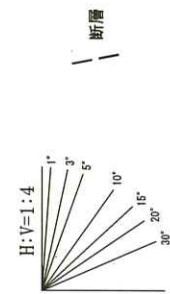
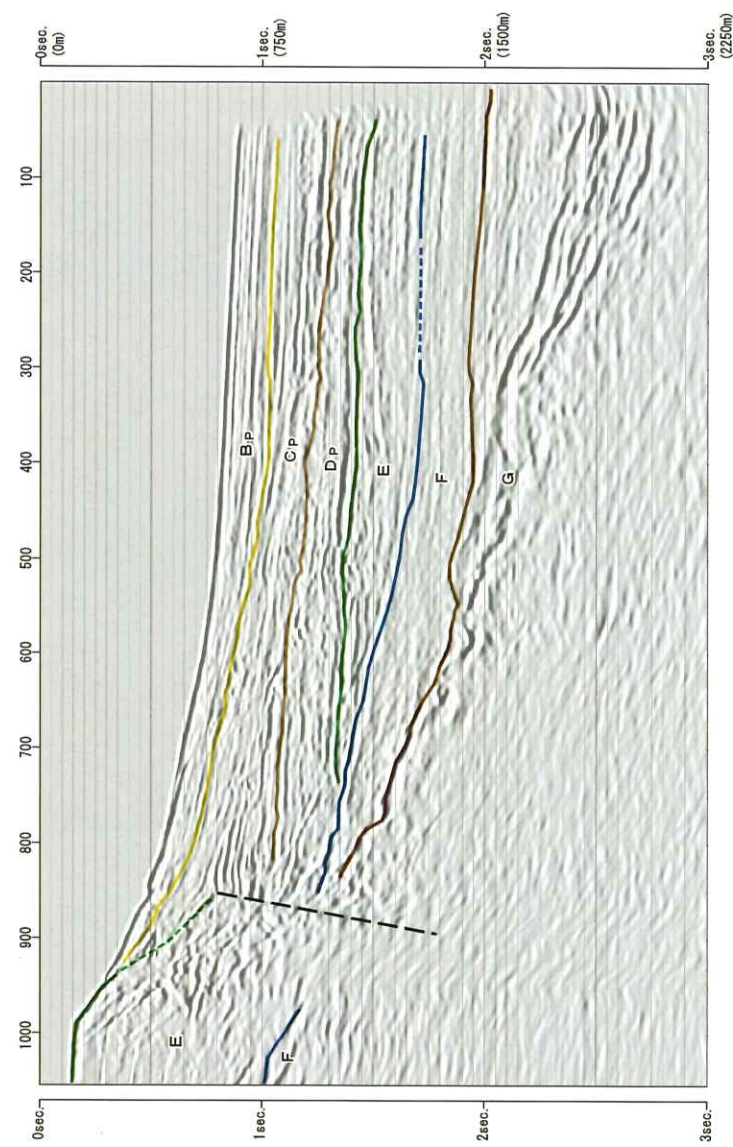
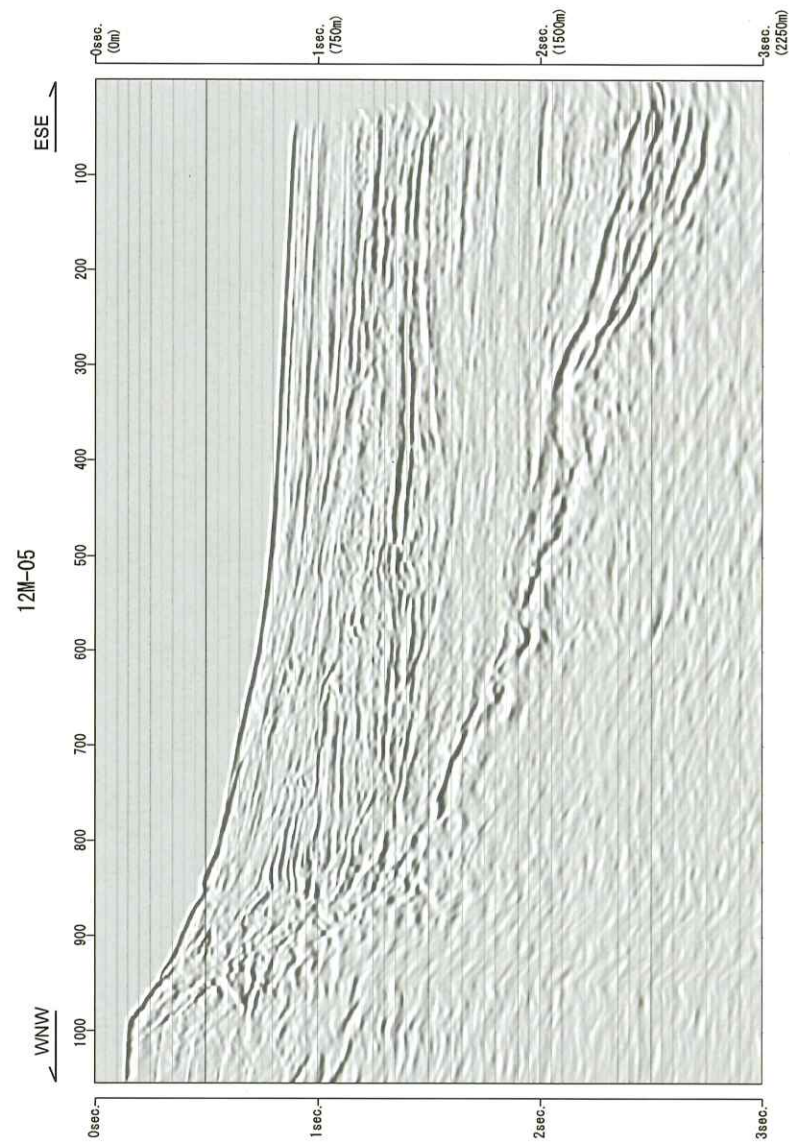
第3.2-129図(5) 大陸棚外縁断層周辺の音波探査記録及び解釈図 (12M-04測線)



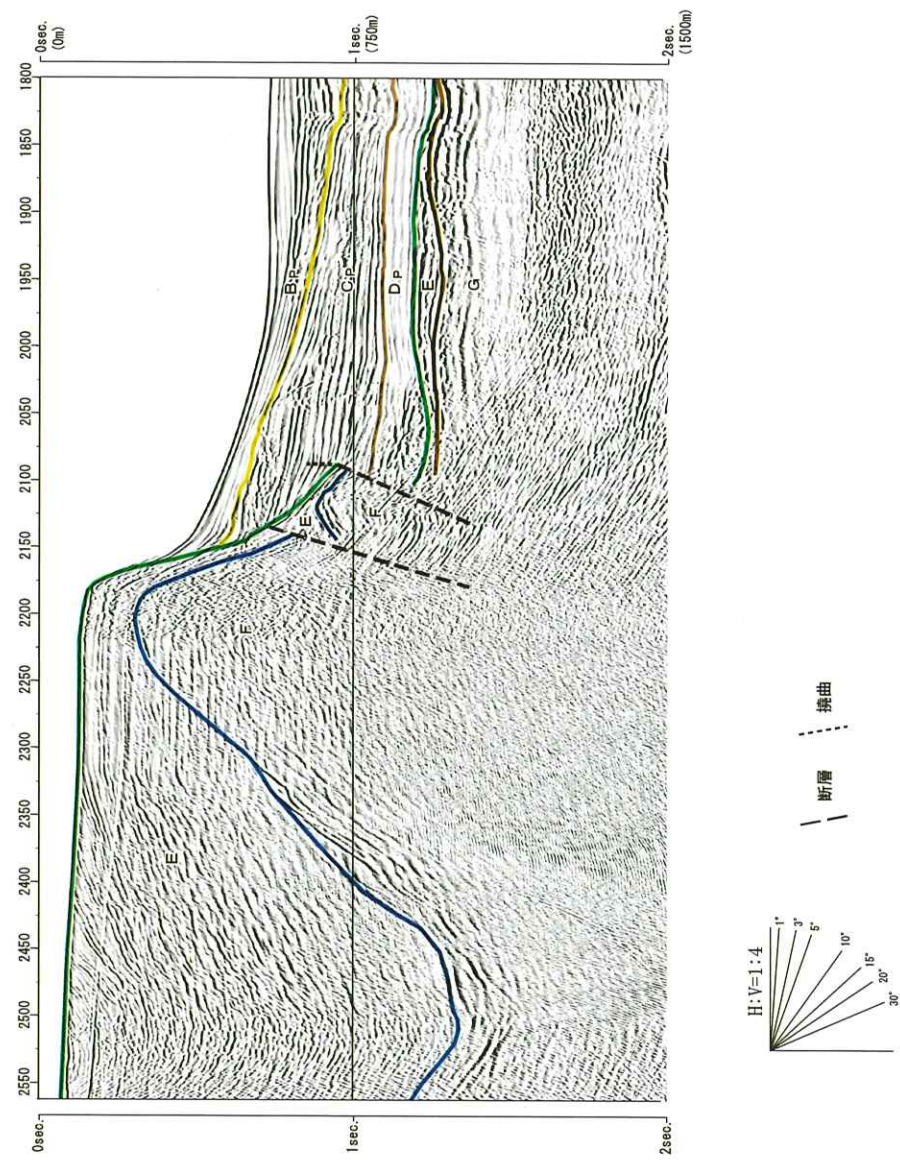
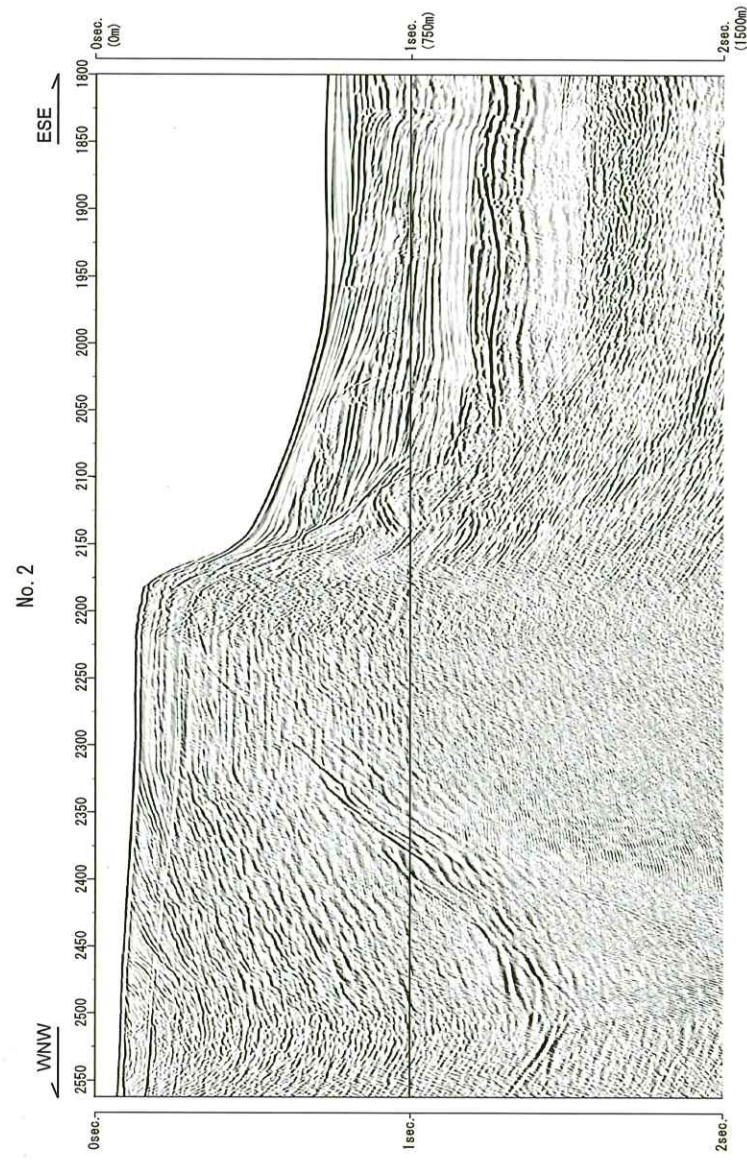
第3. 2-129図 (6) 大陸棚外縁断層周辺の音波探査記録及び解釈図 (No. 3測線)



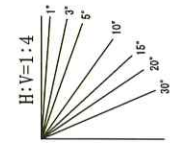
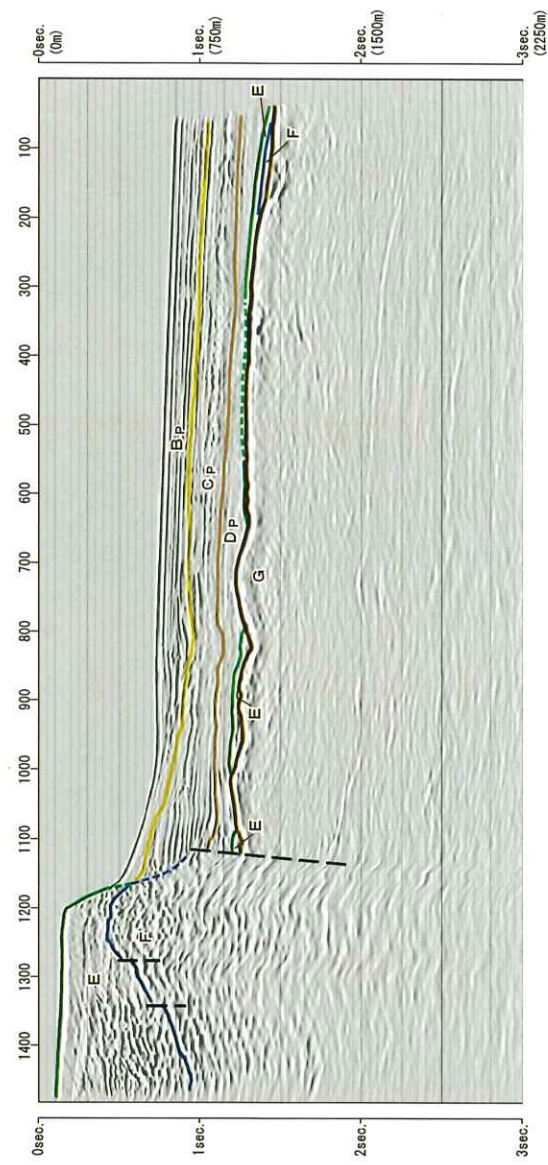
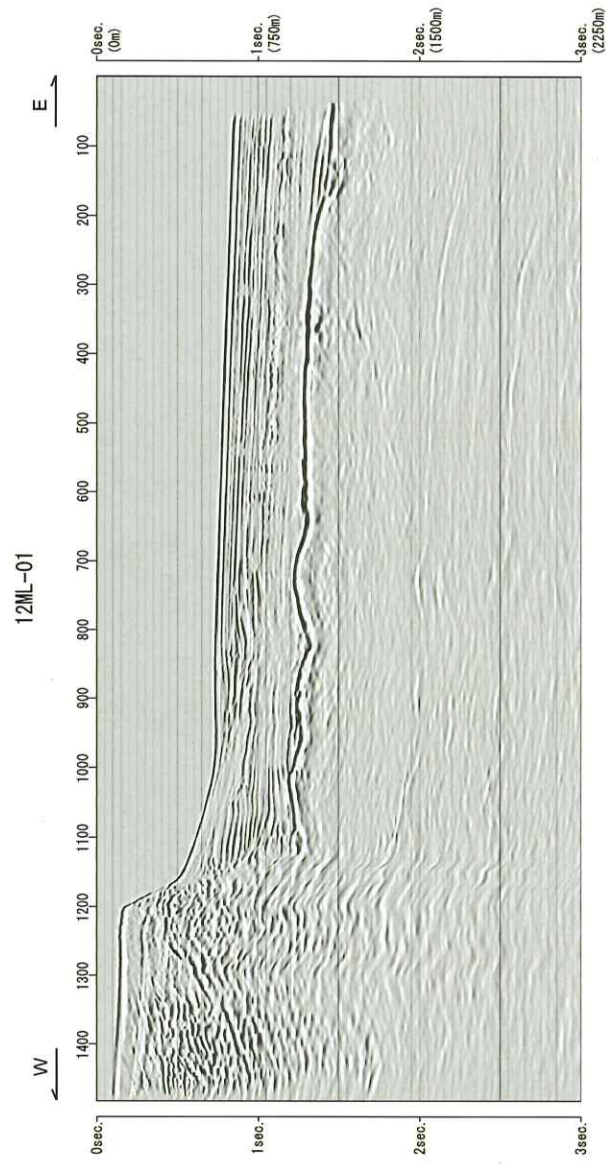
第3.2-129図(7) 大陸棚外縁断層周辺の音波探査記録及び解釈図 (No. 3_2014測線)



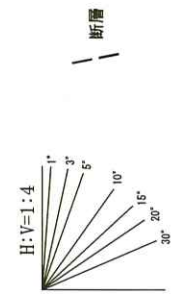
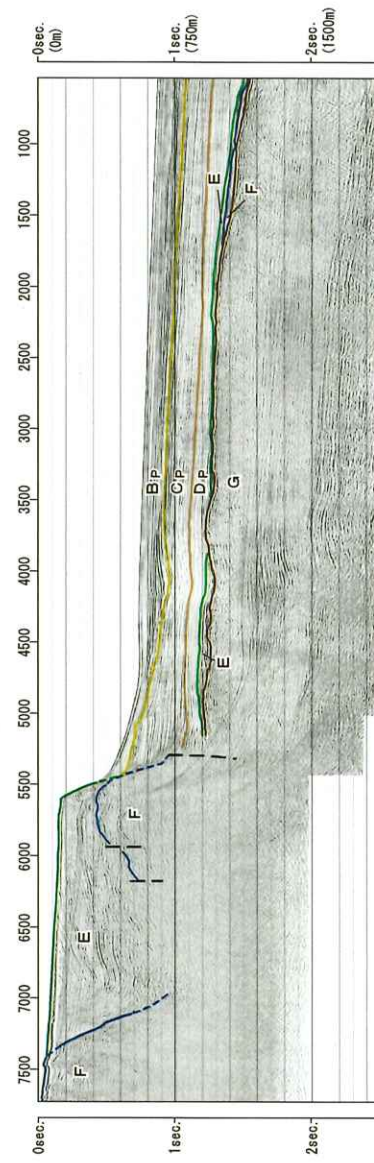
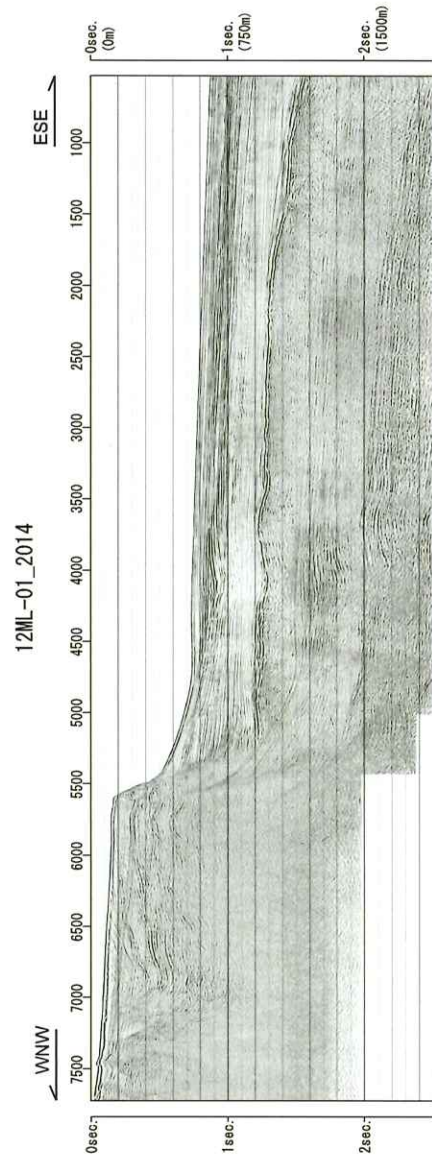
第3.2-129図(8) 大陸棚外縁断層周辺の音波探査記録及び解釈図 (12M-05測線)

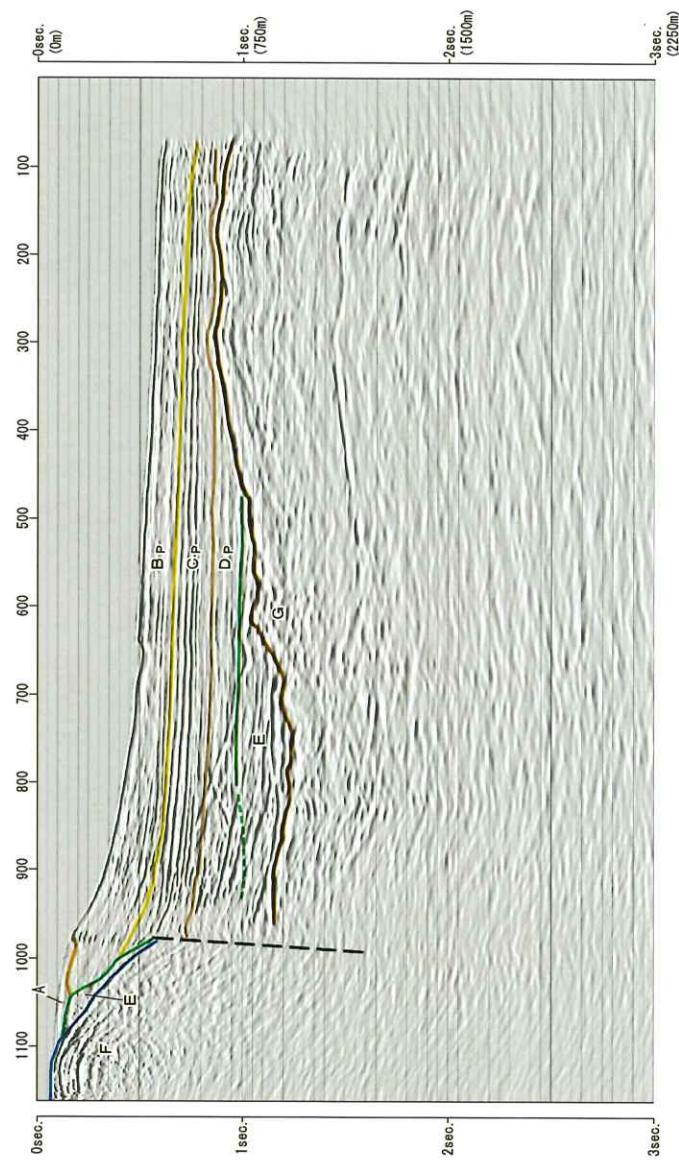
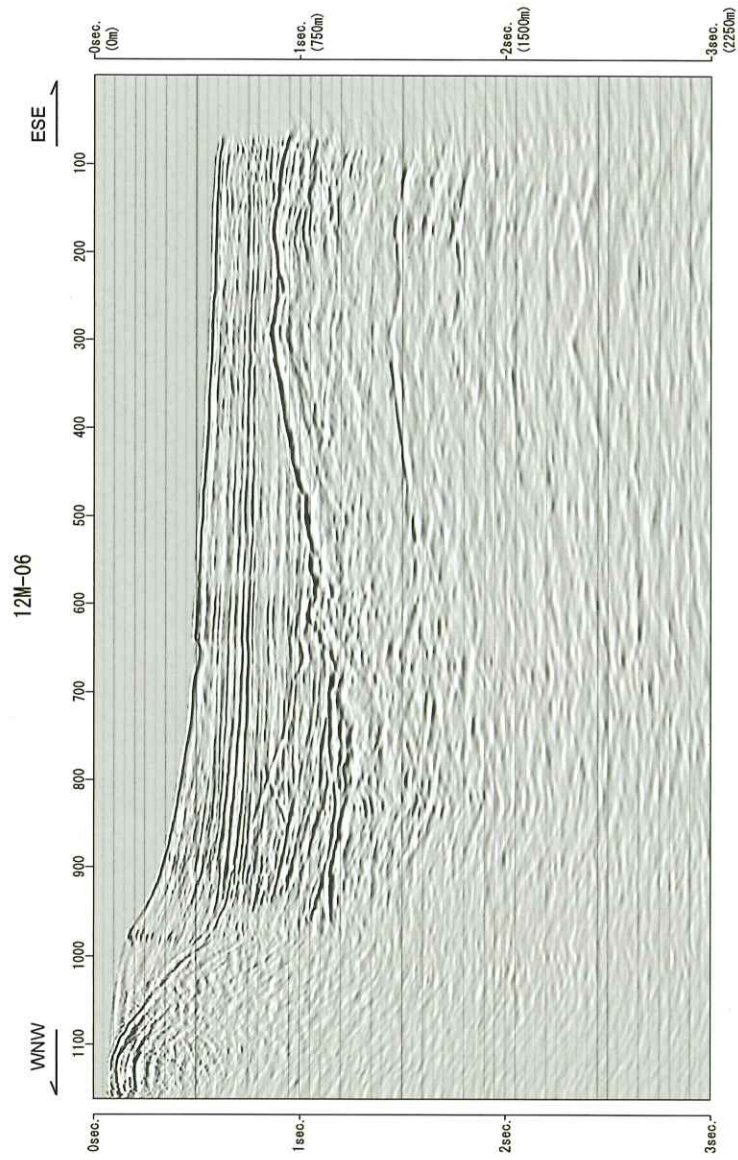


第3. 2-129図 (9) 大陸棚外縁断層周辺の音波探査記録及び解釈図 (No. 2測線)

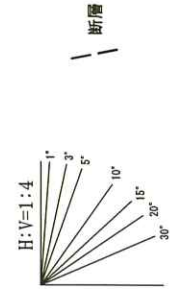
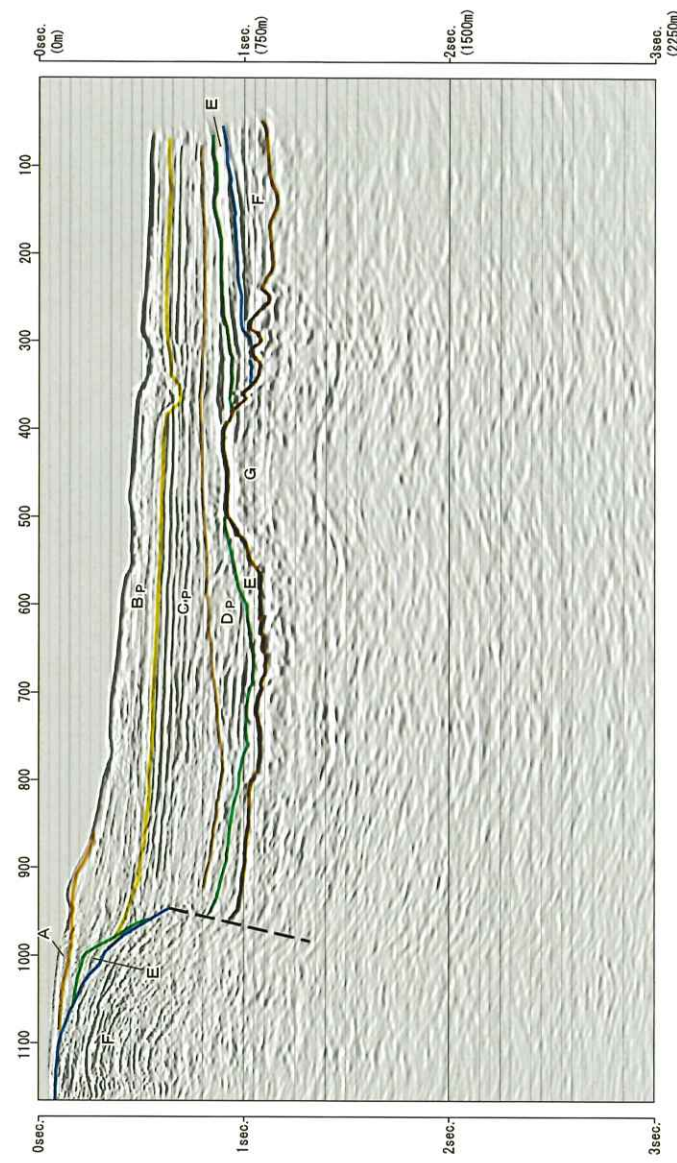
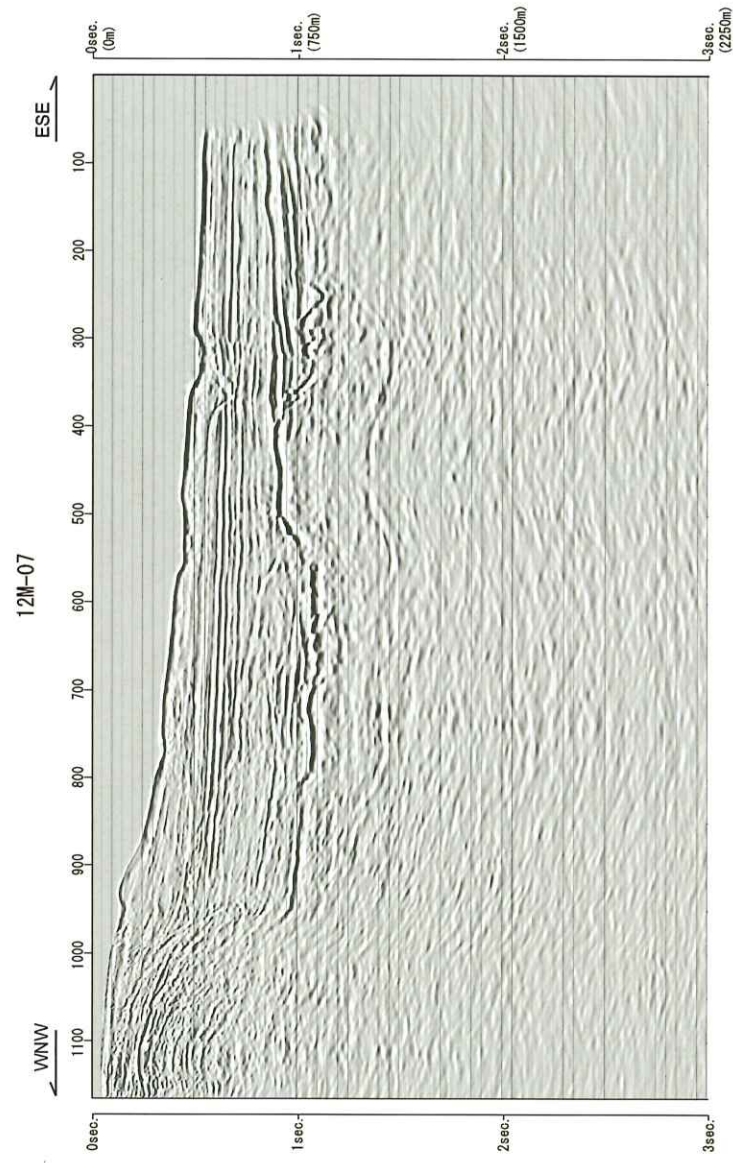


第3. 2-129図(10) 大陸棚外縁断層周辺の音波探査記録及び解釈図 (12ML-01測線)

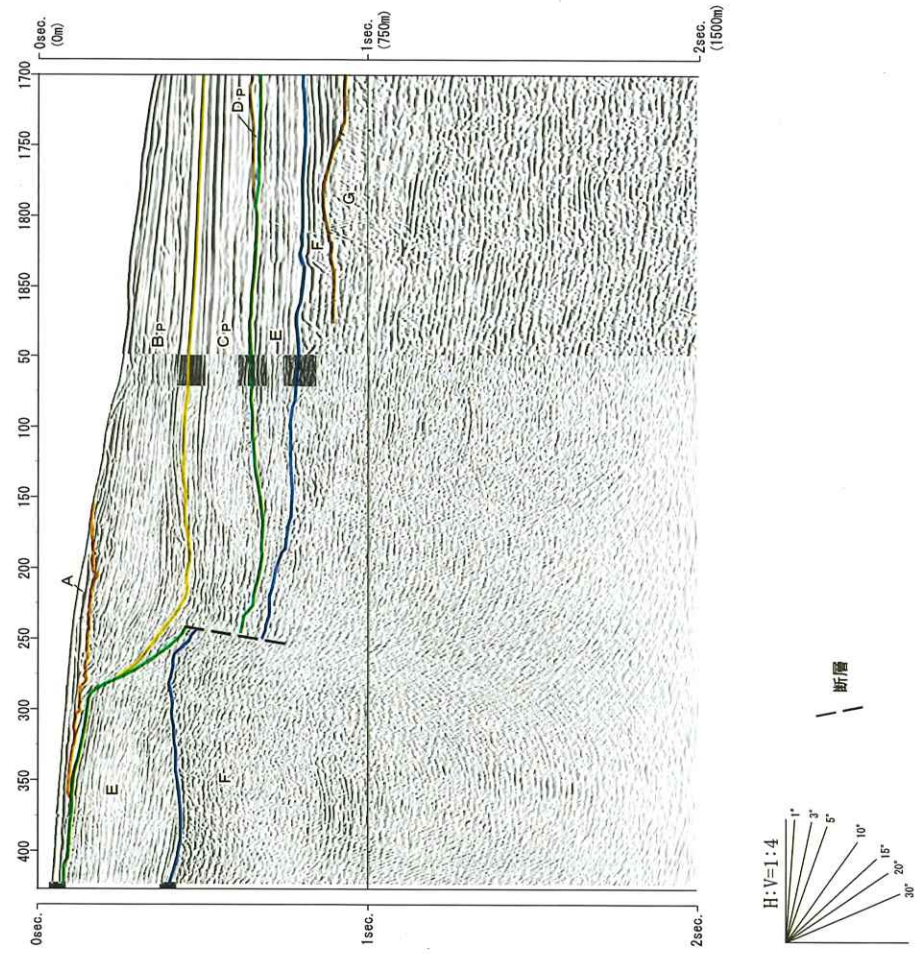
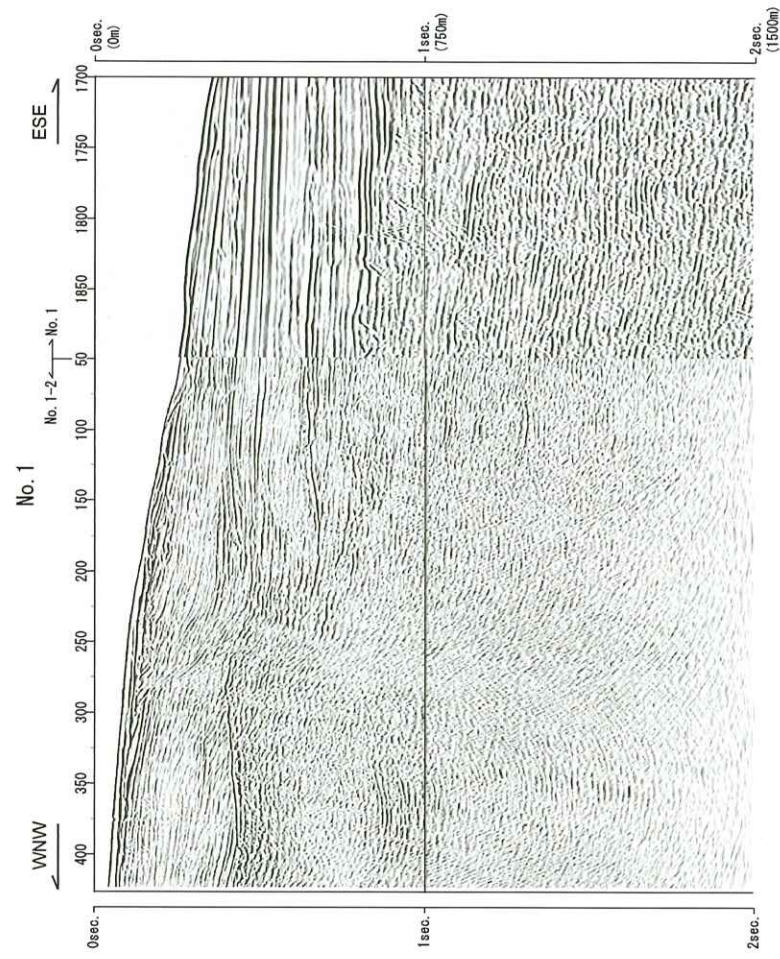




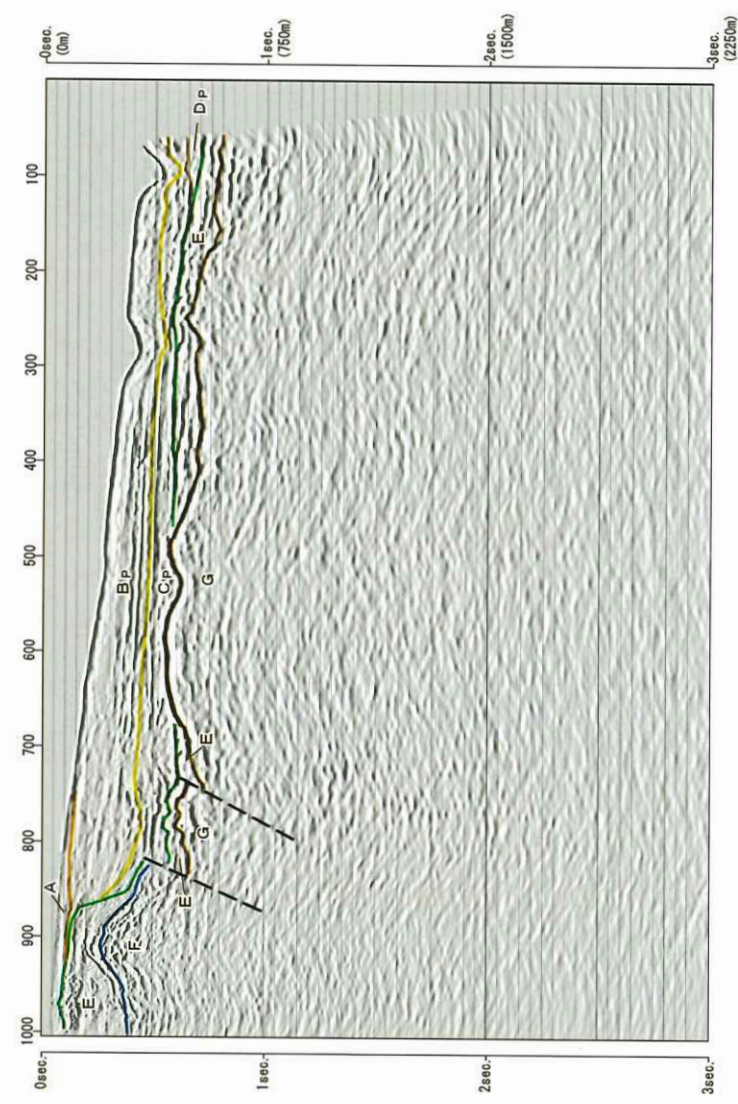
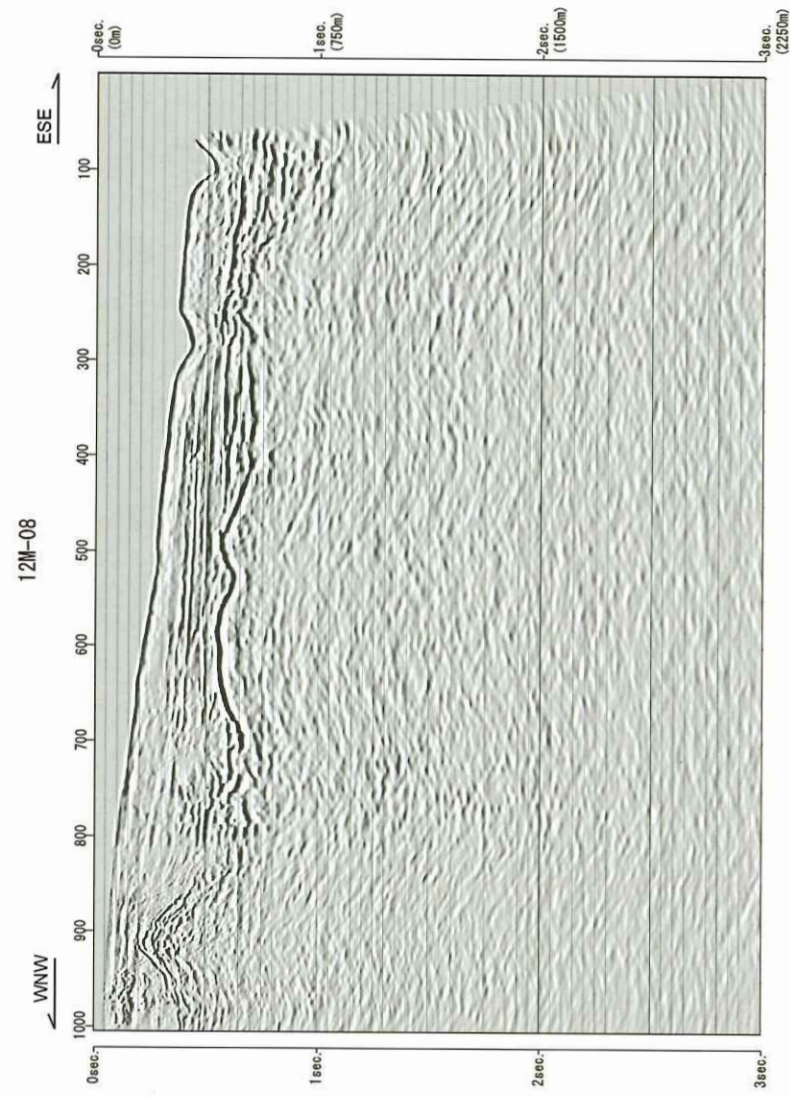
第3.2-129図(12) 大陸棚外縁断層周辺の音波探査記録及び解釈図 (12M-06測線)



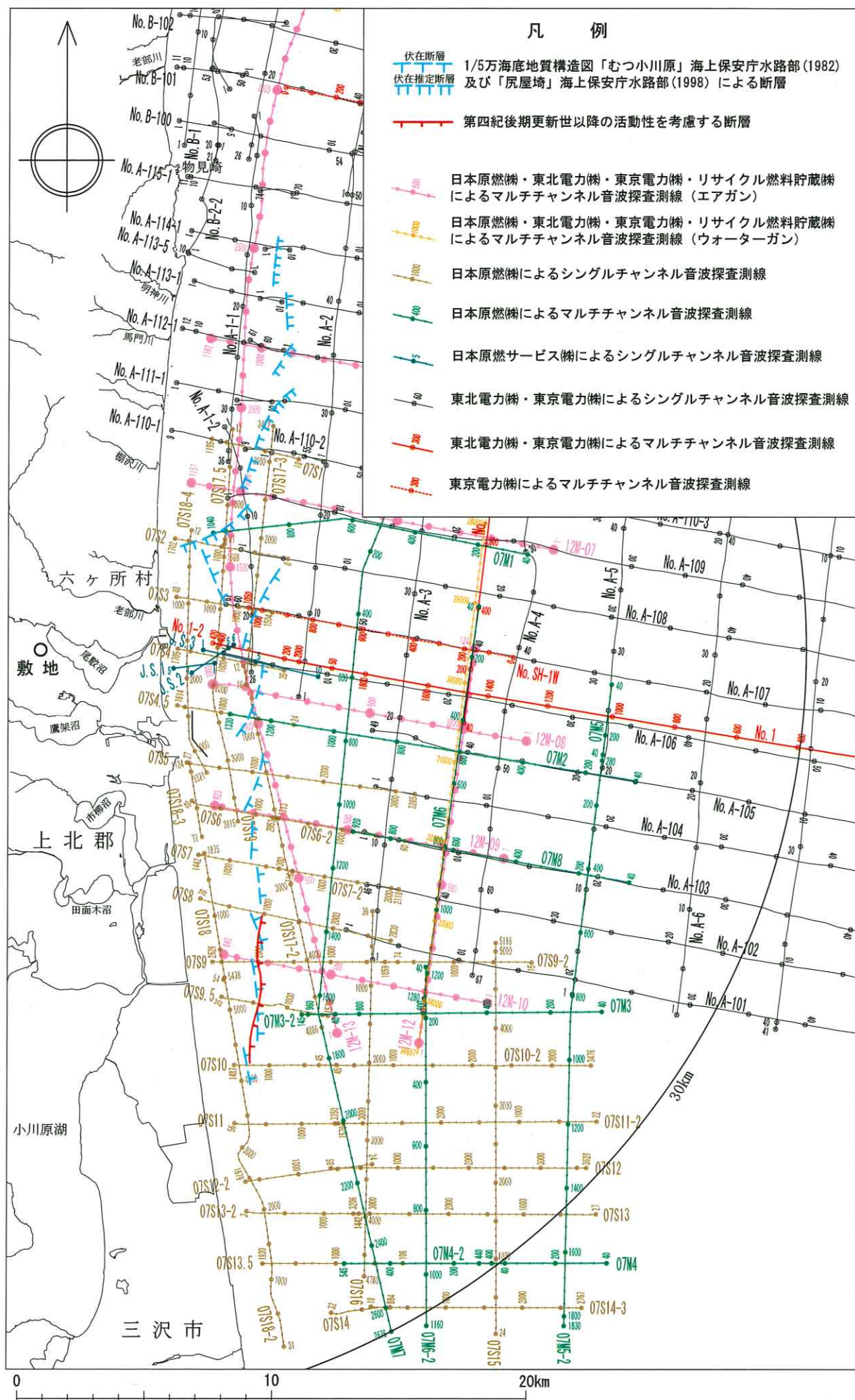
第3.2-129図(13) 大陸棚外縁断層周辺の音波探査記録及び解釈図 (12M-07測線)

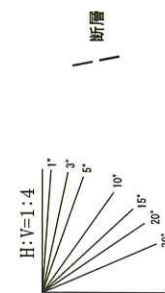
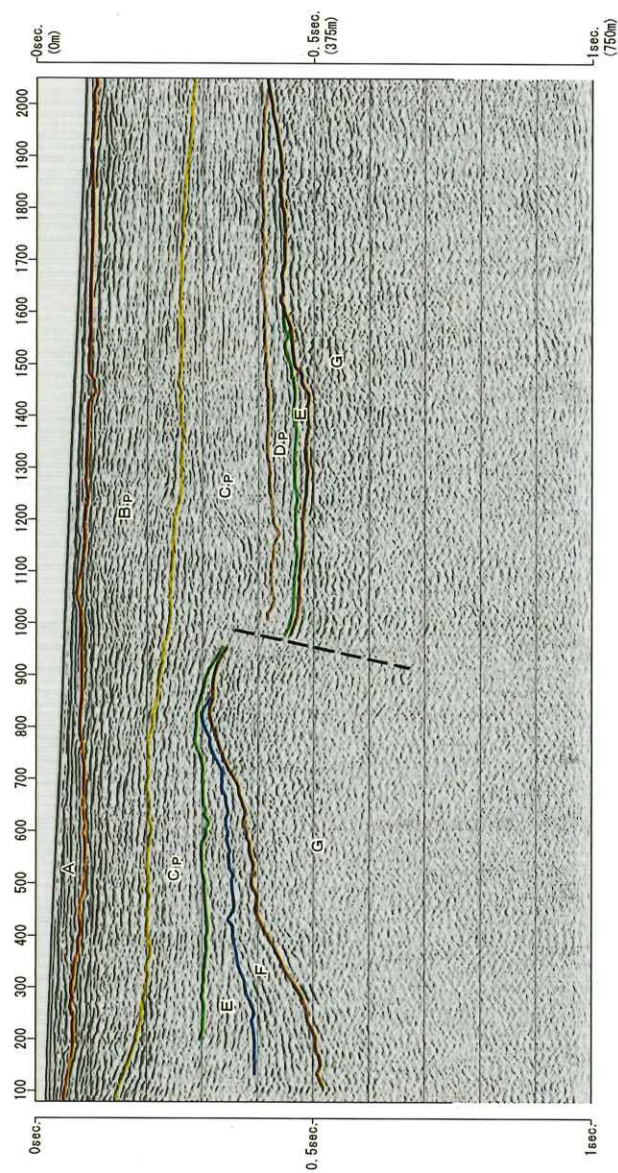
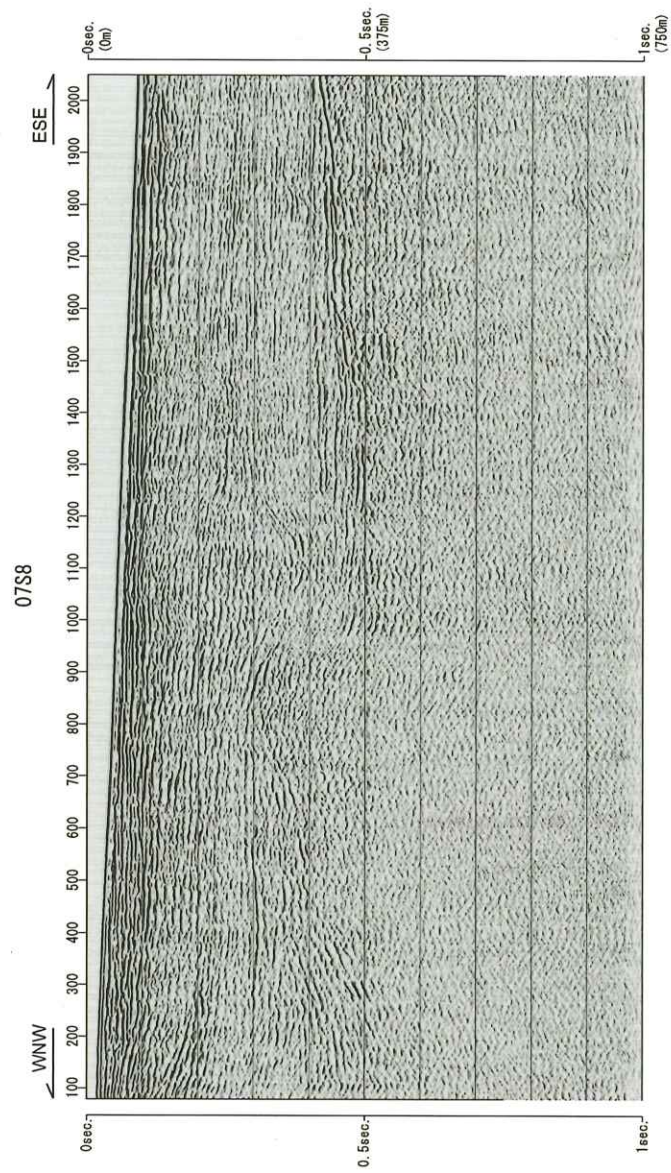


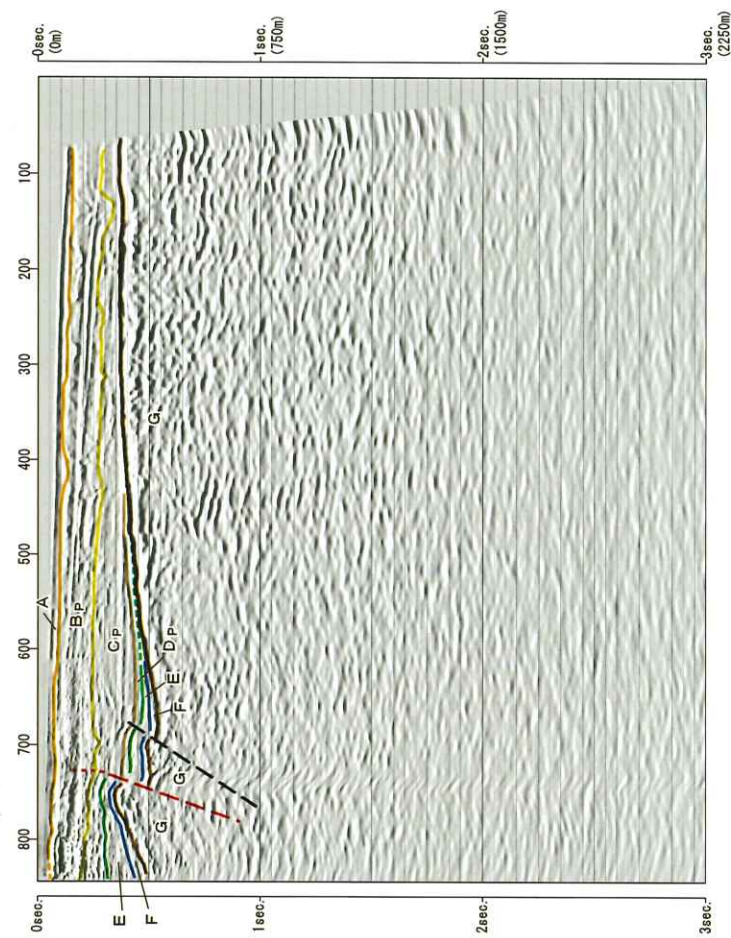
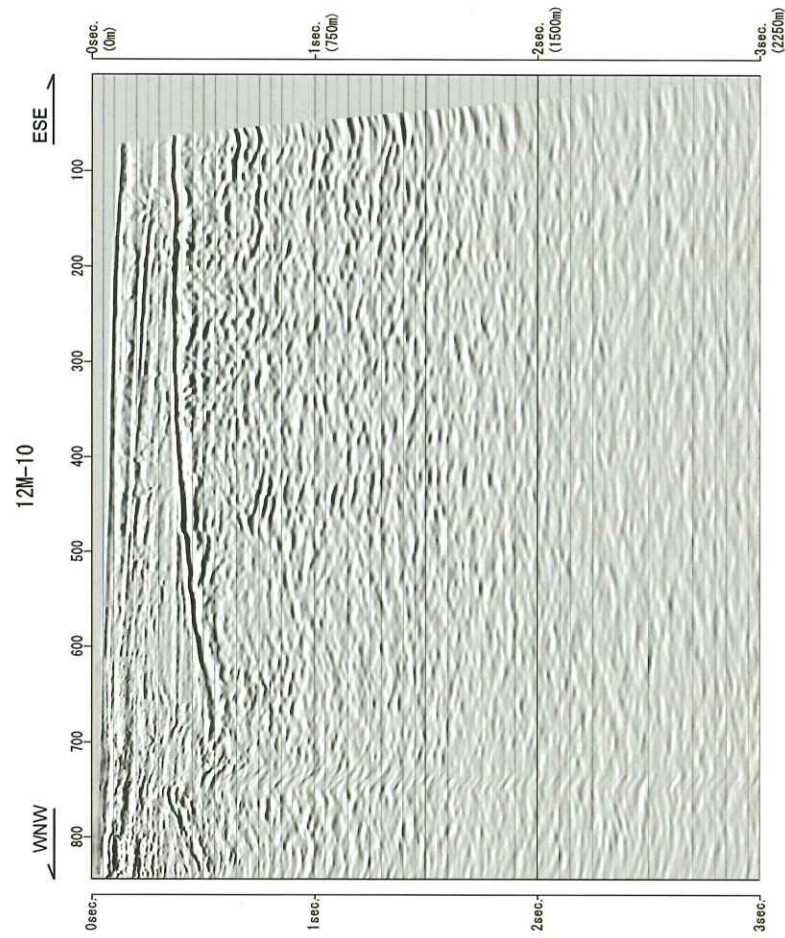
第3. 2-129図(14) 大陸棚外縁断層周辺の音波探査記録及び解釈図 (No. 1測線)

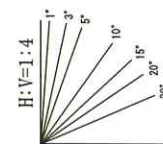
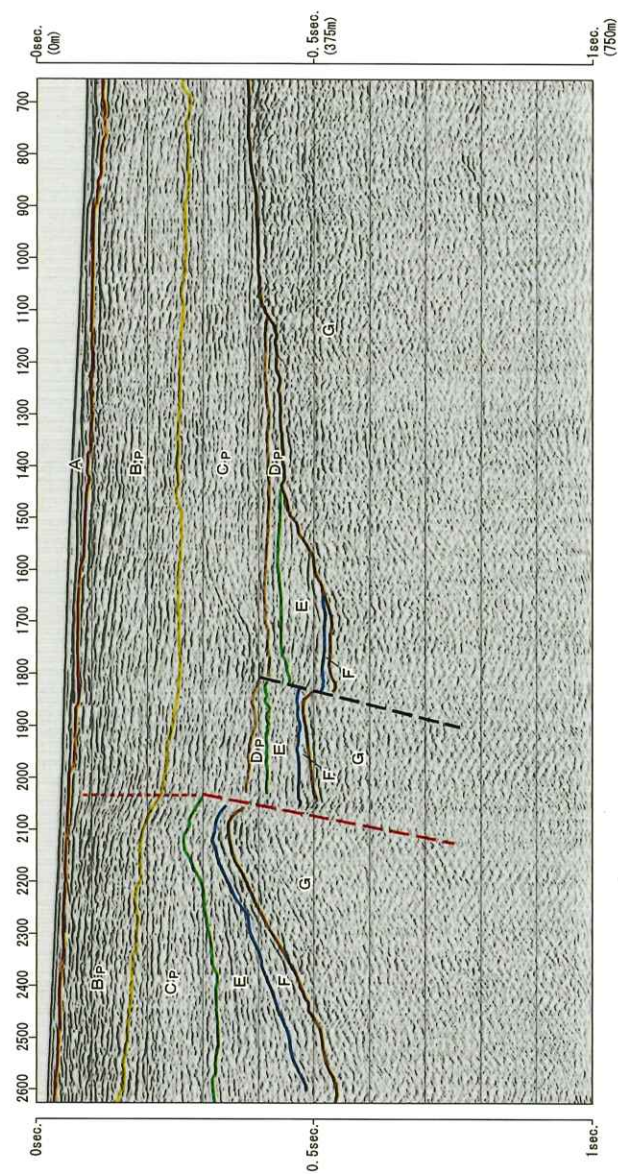
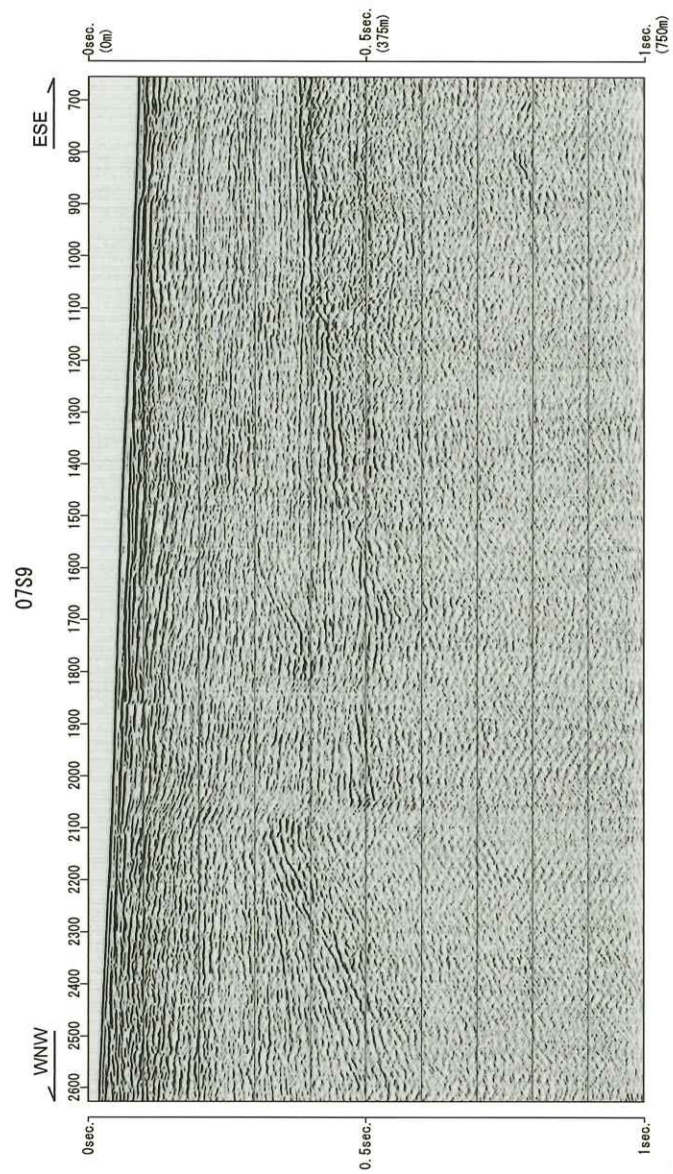


第3.2-129図(15) 大陸棚外縁断層周辺の音波探査記録及び解釈図 (12M-08測線)



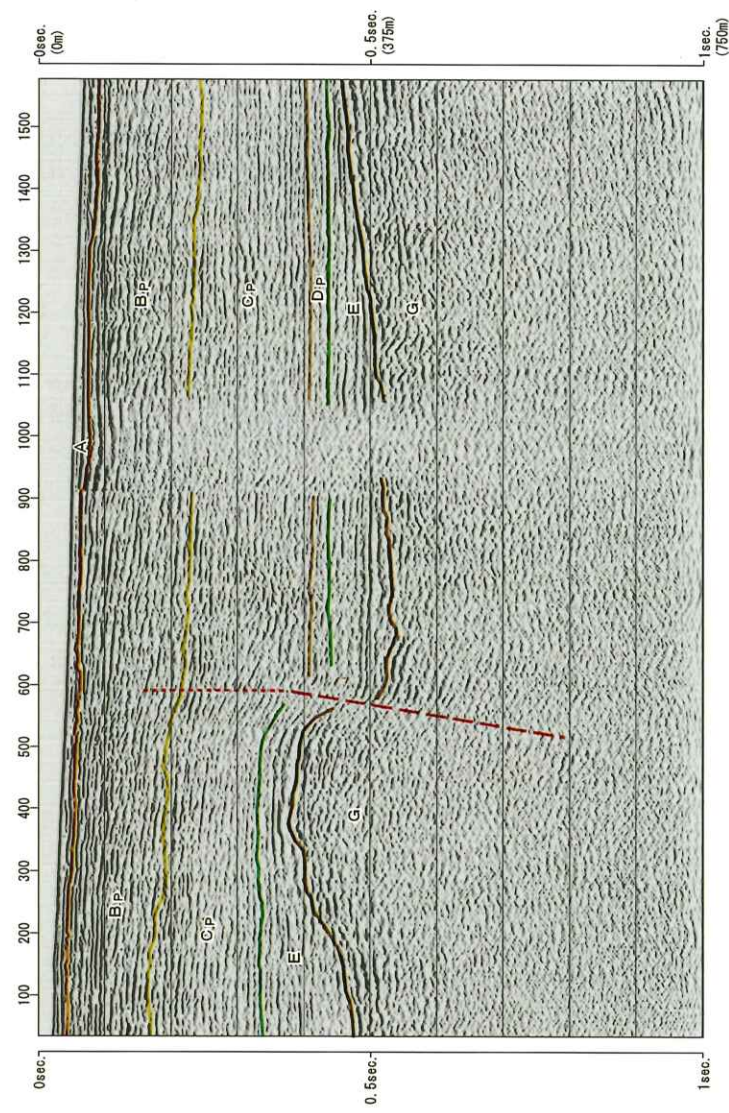
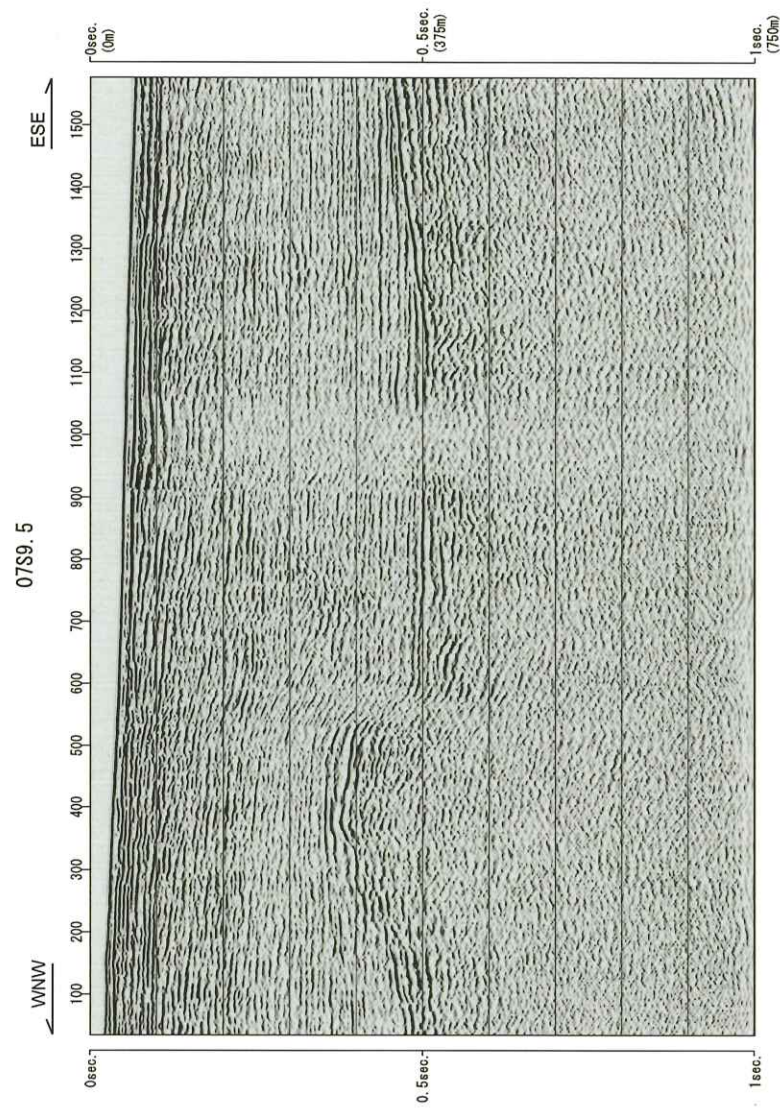


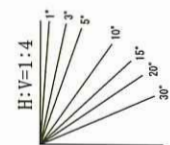
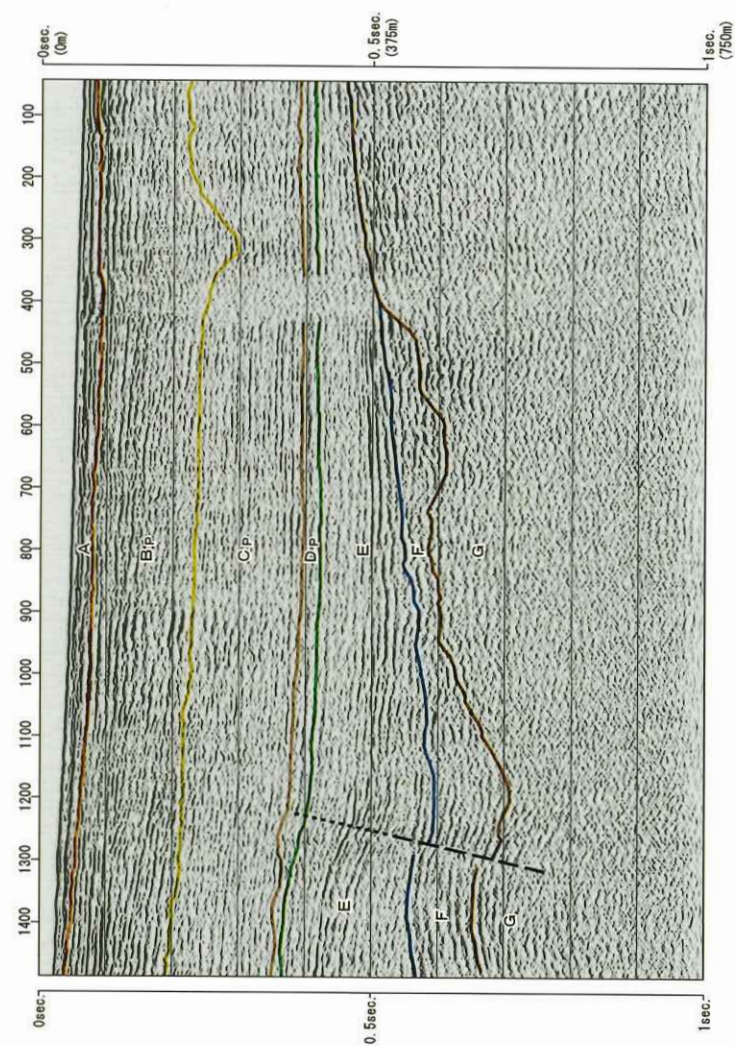
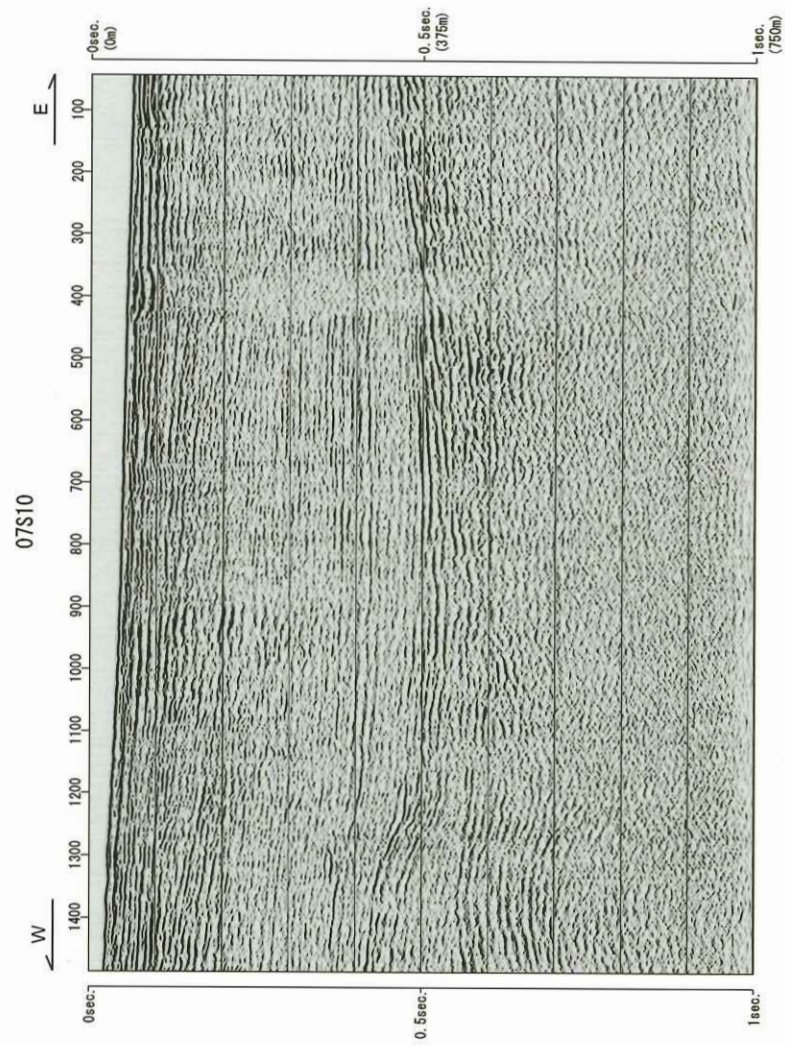




※赤線は第四紀後期更新世以降の地層に変位・変形が認められるもの

第3.2-131図(3) F-d断層周辺の音波探査記録及び解釈図 (07S9測線)



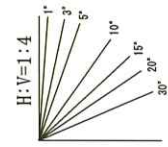
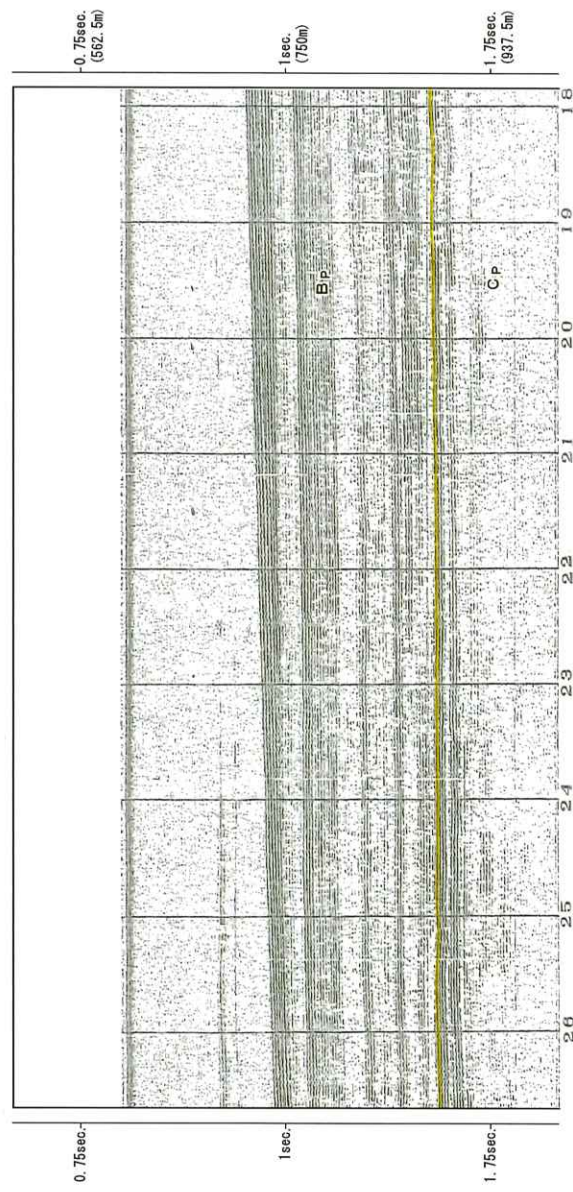
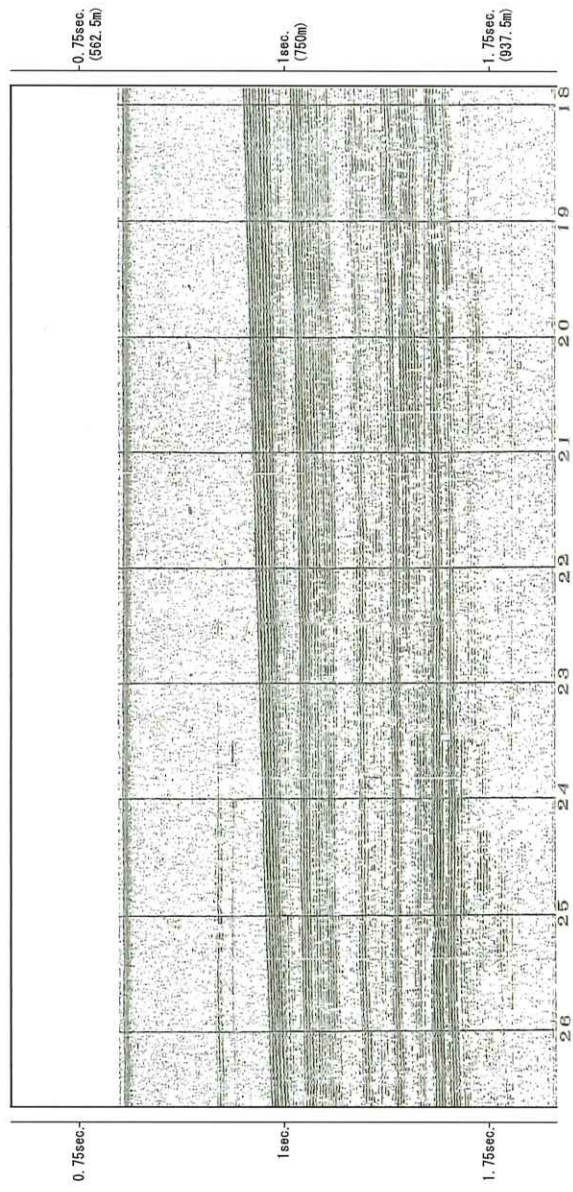


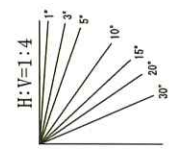
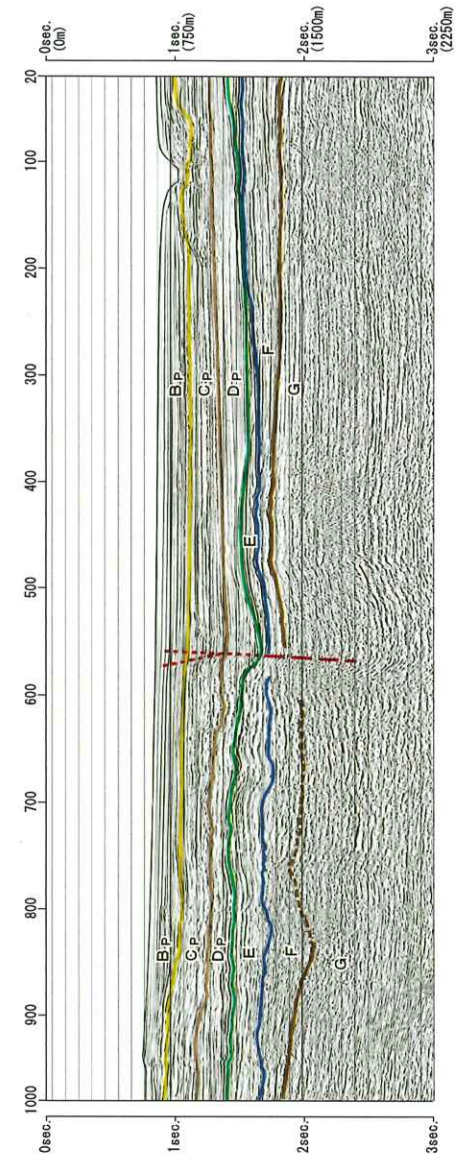
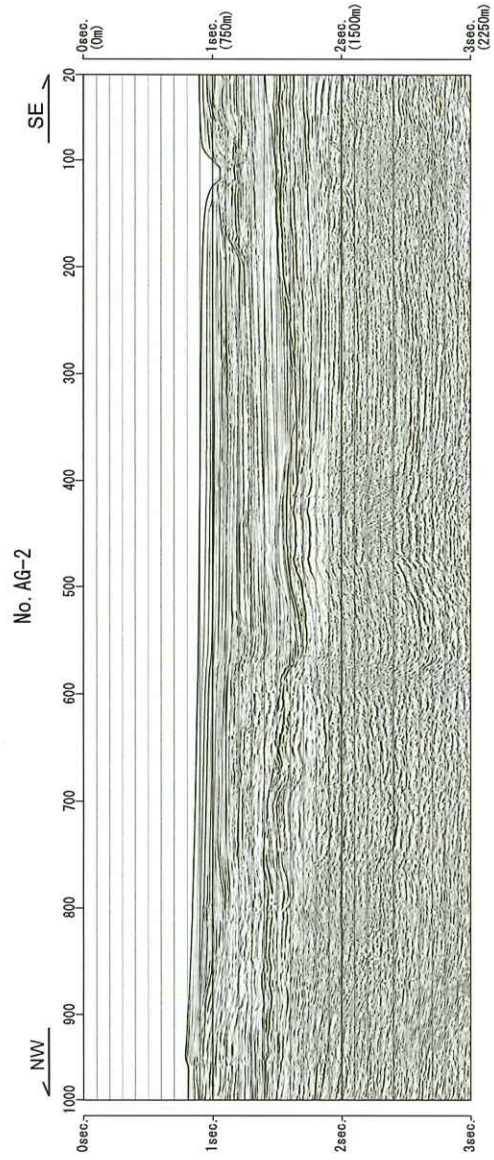
第3.2-131図(5) F-d断層周辺の音波探査記録及び解釈図 (07S10測線)

No. C-6

NNE

SSW

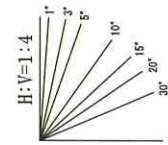
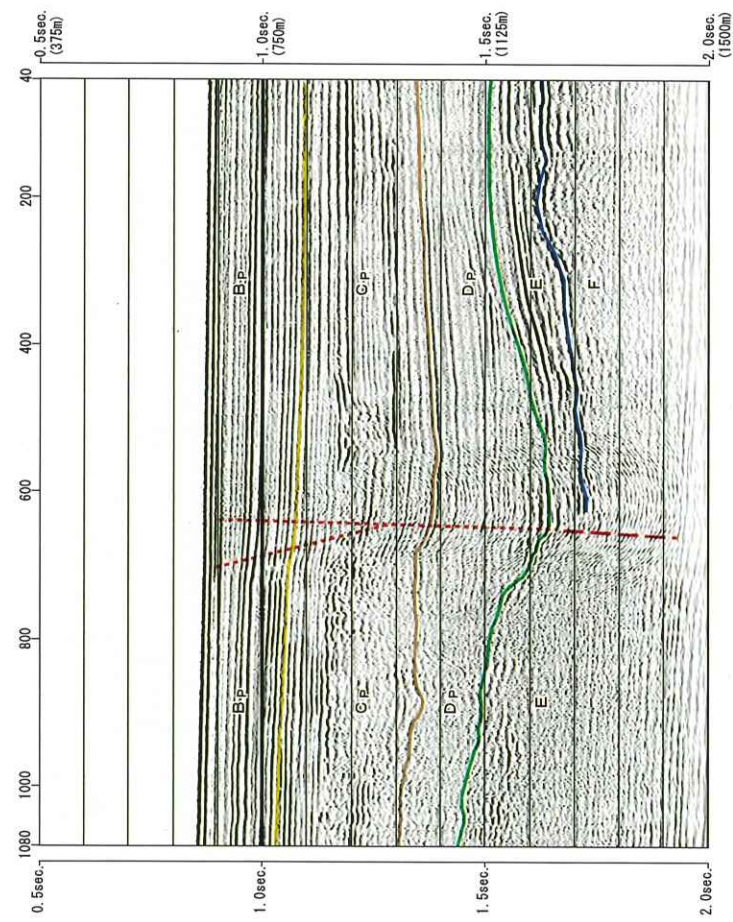
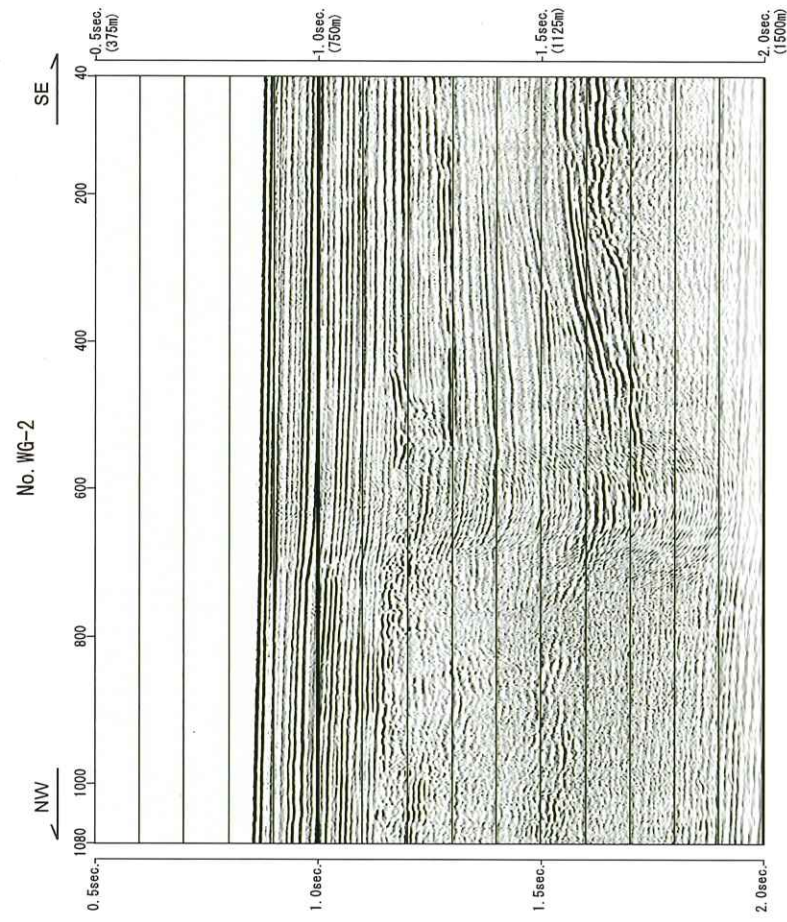




断層 拗曲

※赤線は第四紀後期更新世以降の地層に変位・変形が認められるもの

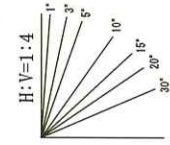
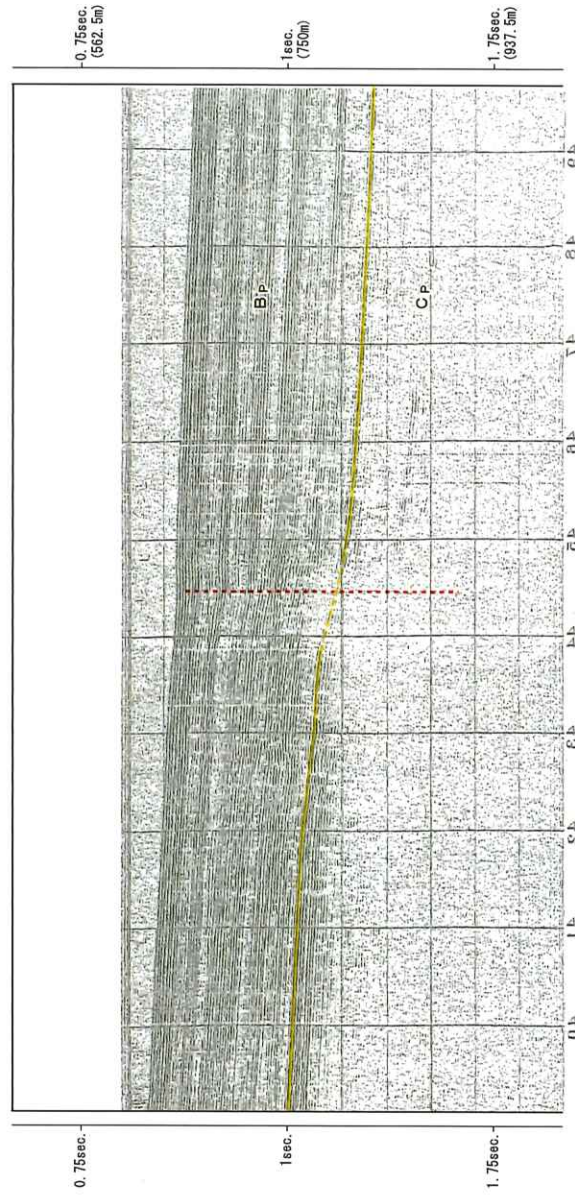
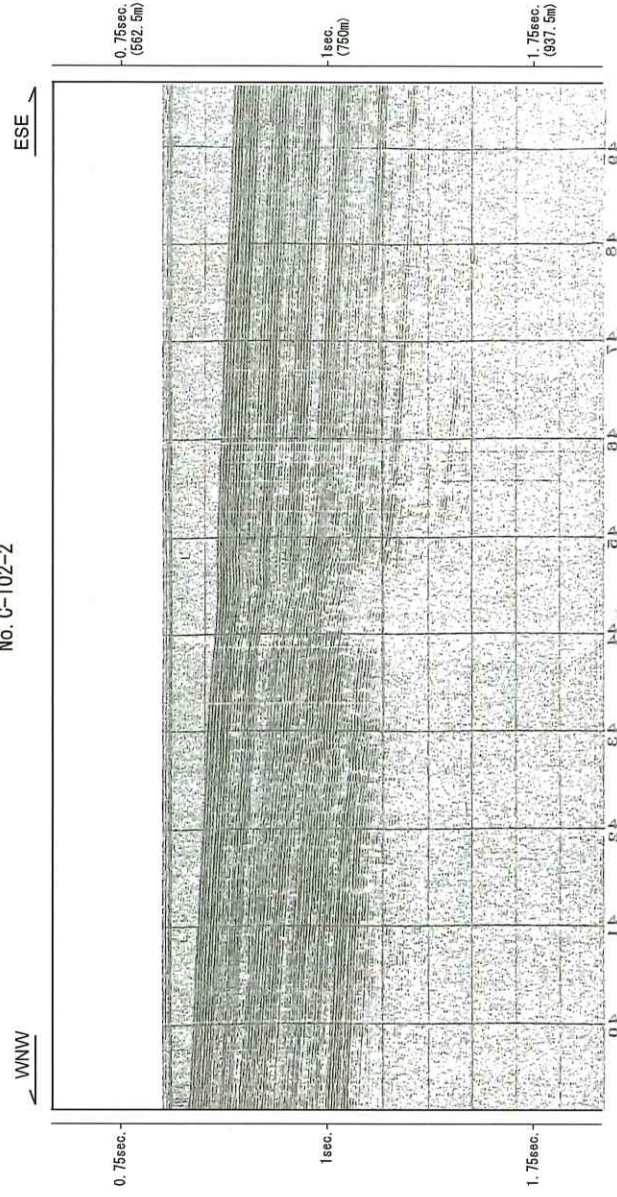
第 3.2-133 図 (2) F - c 断層周辺の音波探査記録及び解釈図 (No. AG-2 測線)



断層 彎曲

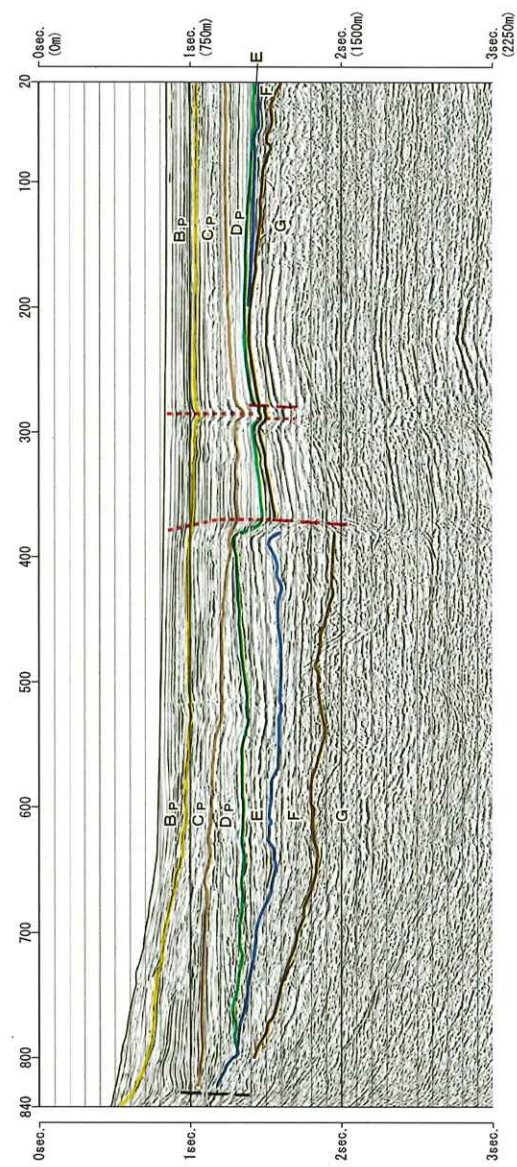
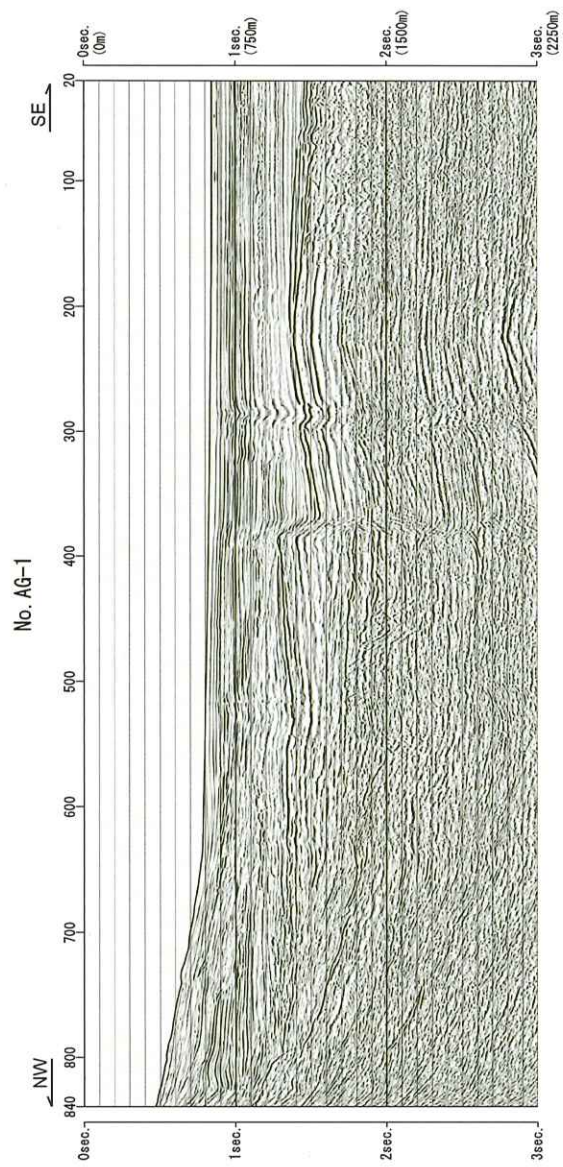
※赤線は第四紀後期更新世以降の地層に歪位・変形が認められるもの

No. C-102-2

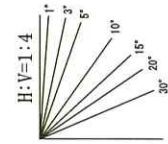
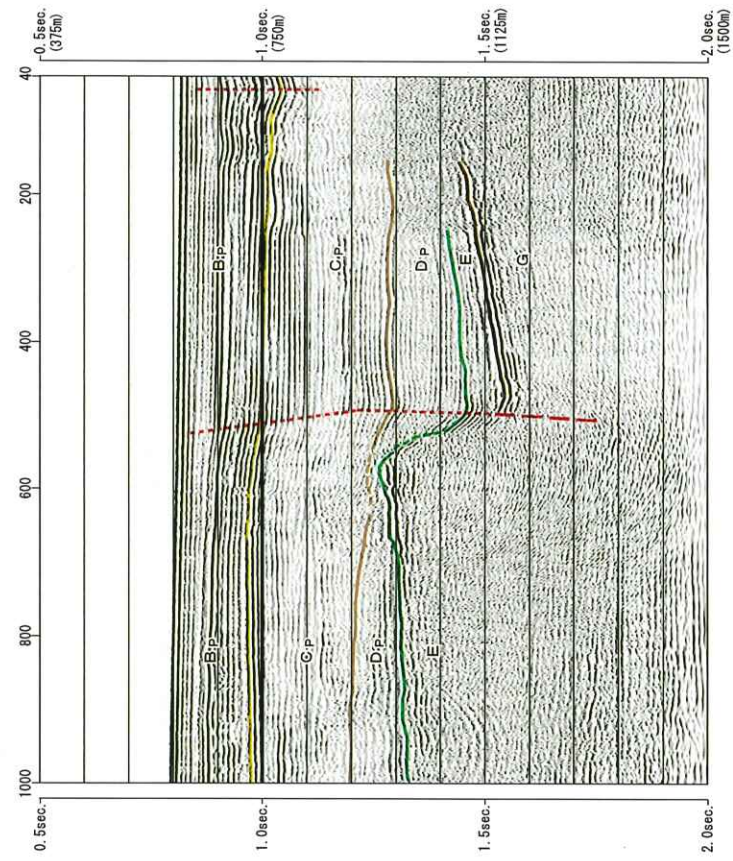
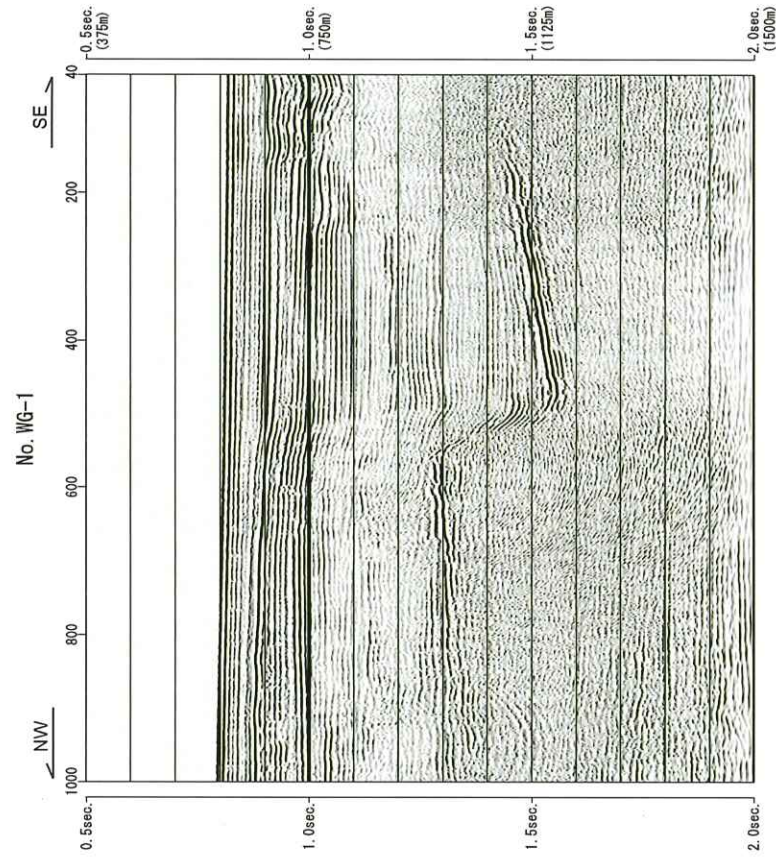


※赤線は第四紀後期更新世以降の地層に変位・変形が認められるもの

第3.2-133図(4) F-c断層周辺の音波探査記録及び解釈図 (No. C-102-2測線)

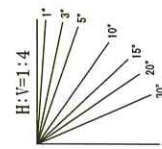
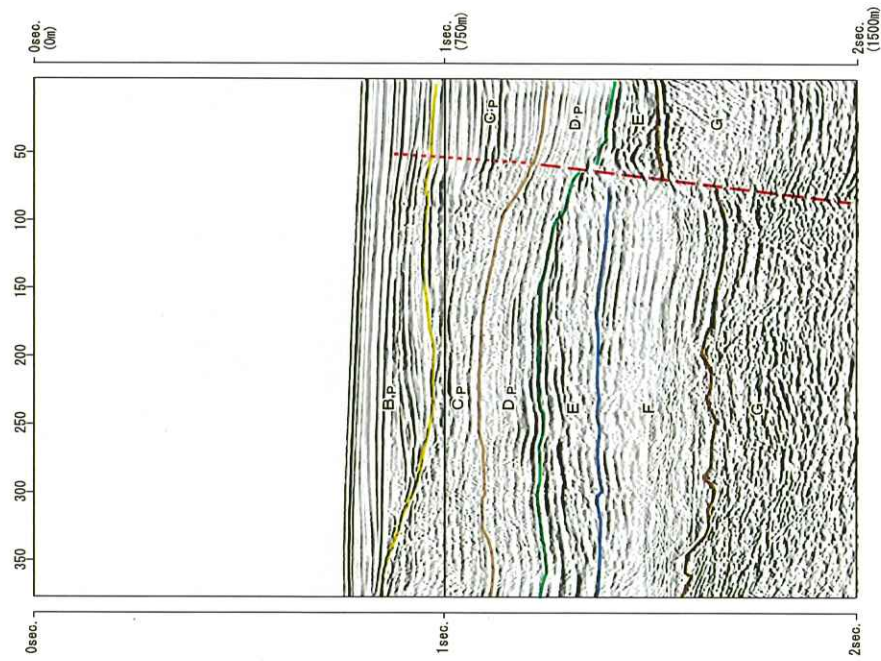
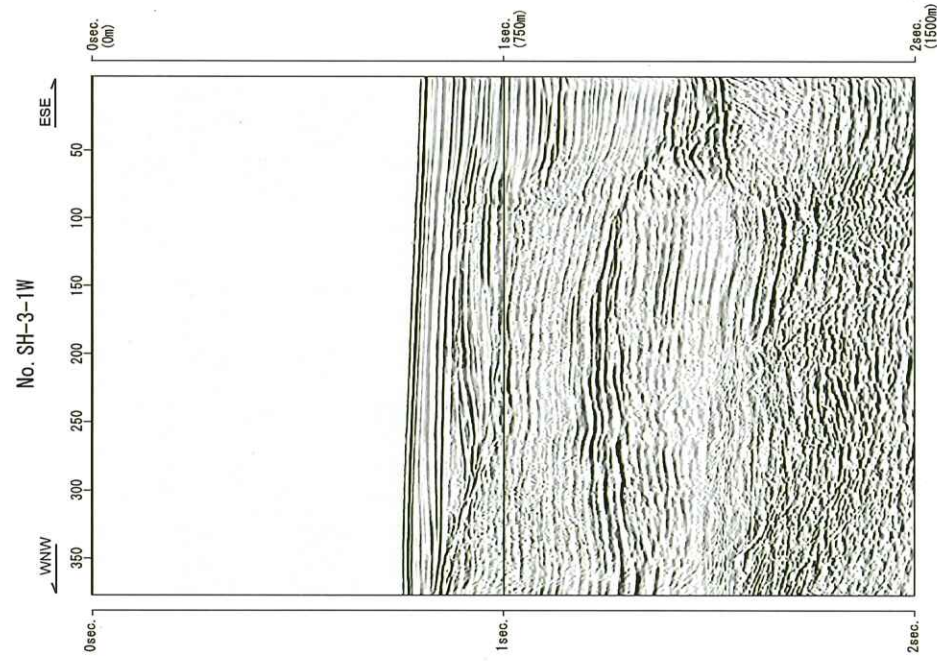


第 3.2-133 図 (5) F - c 断層周辺の音波探査記録及び解釈図 (No. AG-1 測線)



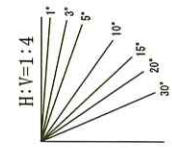
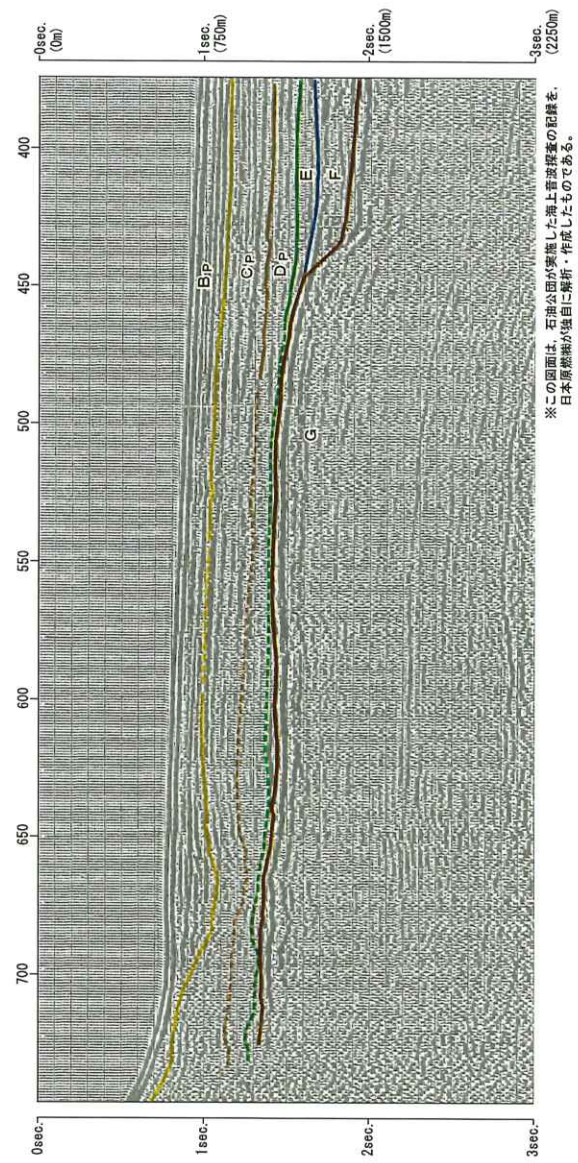
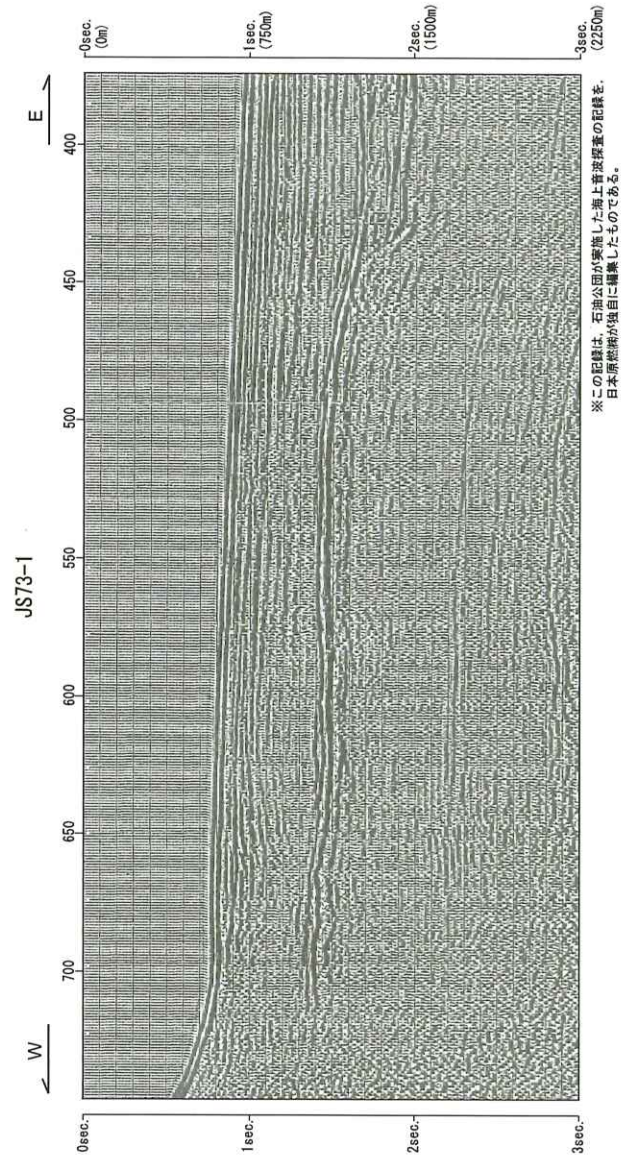
断層 構造

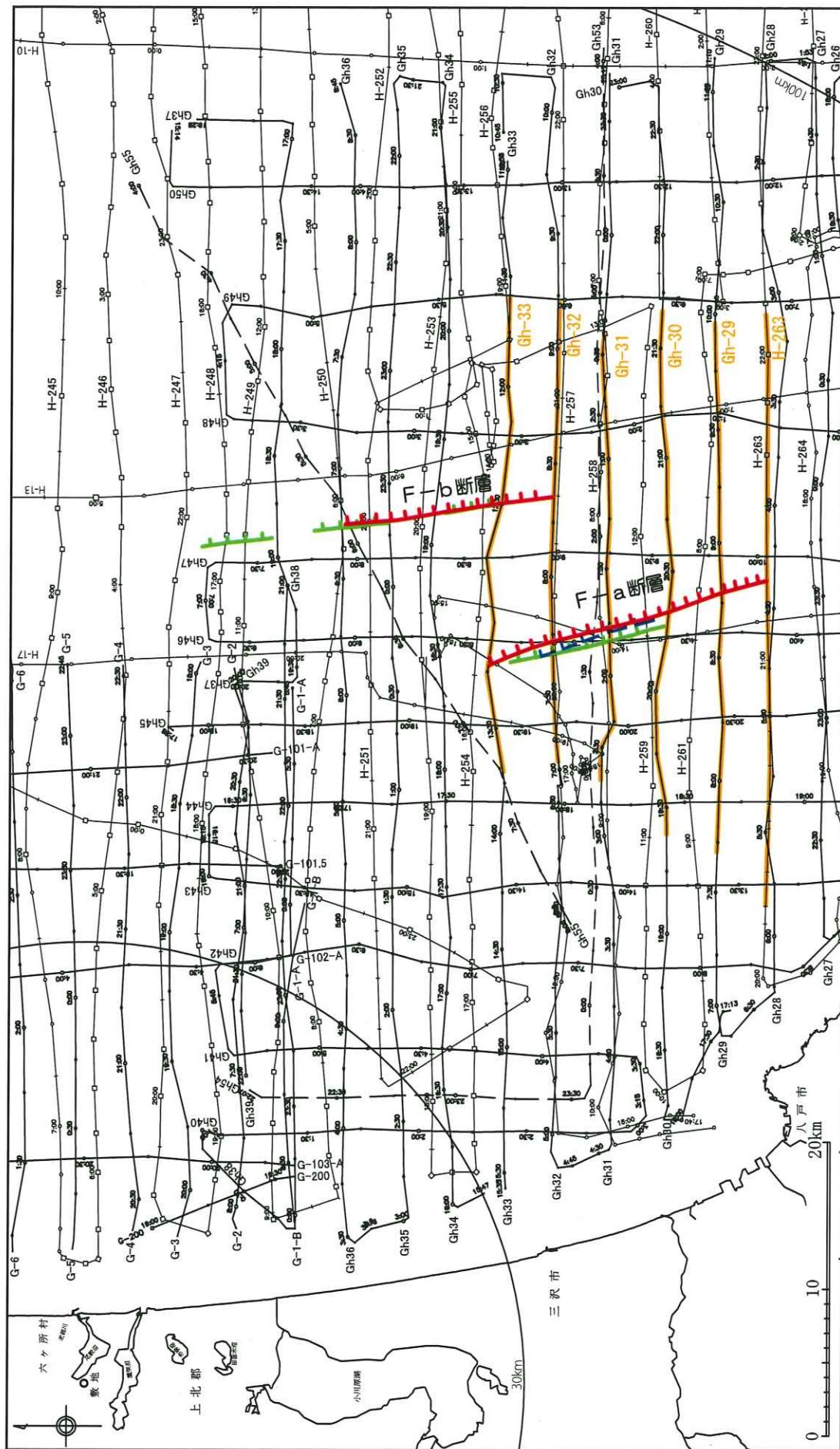
※赤線は第四紀後期更新世以降の地層に歪位・変形が認められるもの



※赤線は第四紀後期更新世以降の地層に変位・変形が認められるもの

第3.2-133図(7) F-c断層周辺の音波探査記録及び解釈図 (No. SH-3-1W測線)





凡 例

「新編」日本の活断層」
活断層研究会編(1991)による断層

1/20万海底地質構造図「八戸沖」
海上保安庁水路部(1973)による断層

第四紀後期更新世以降の活動性を考慮する断層

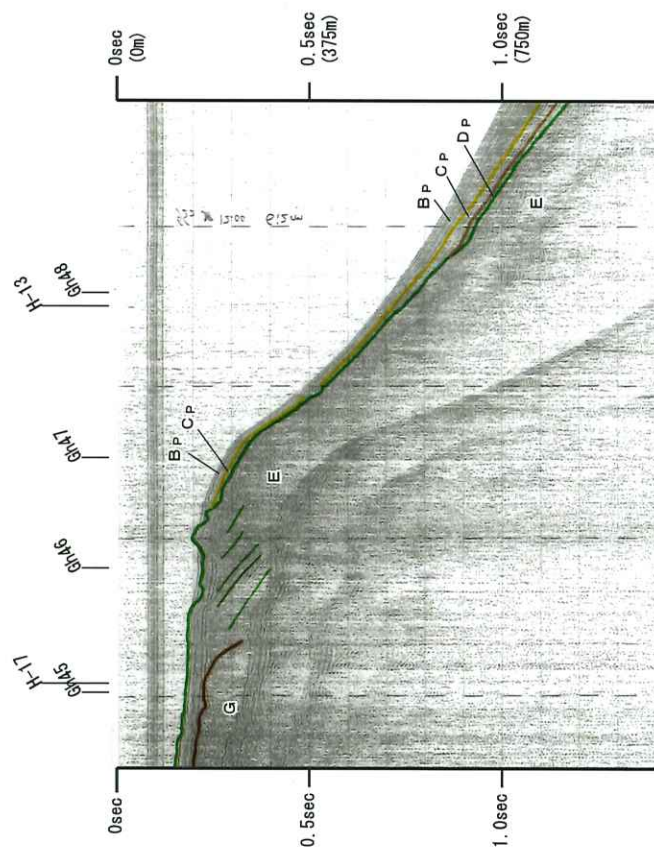
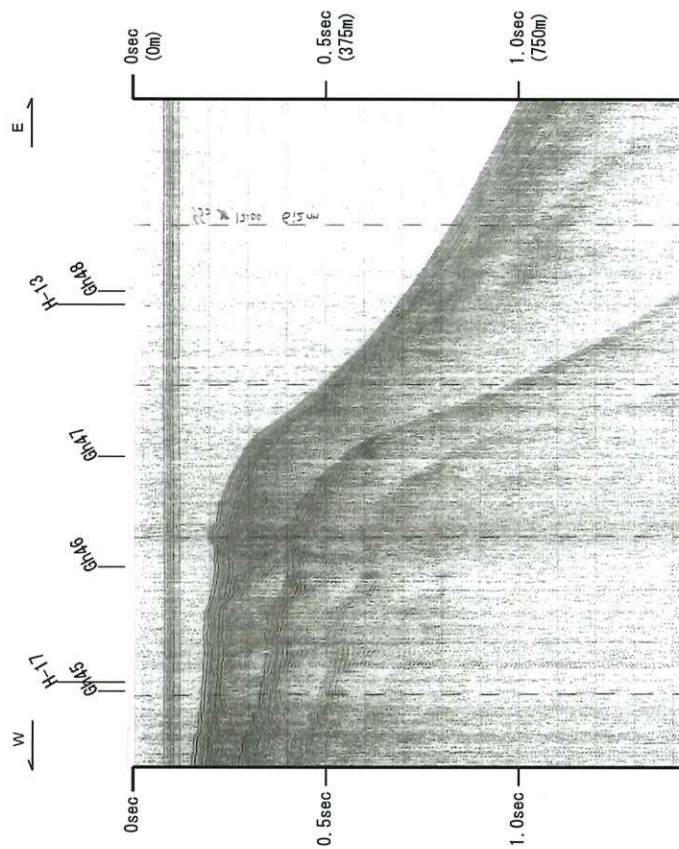
海上保安庁によるシングルチャネル音波探査測線(1972)

地質調査所によるシングルチャネル音波探査測線(1982)

地質調査所によるシングルチャネル音波探査測線(1976)

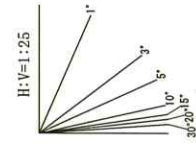
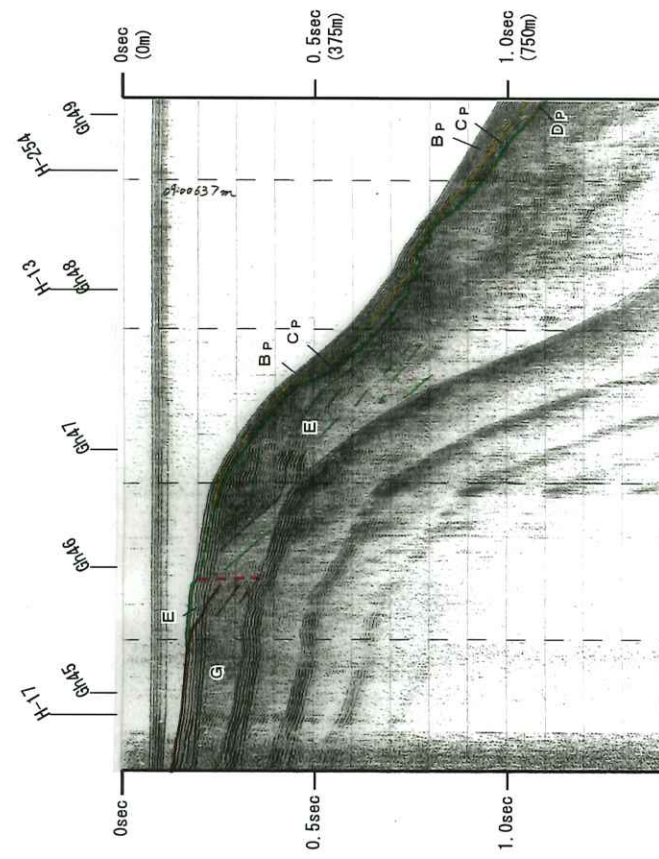
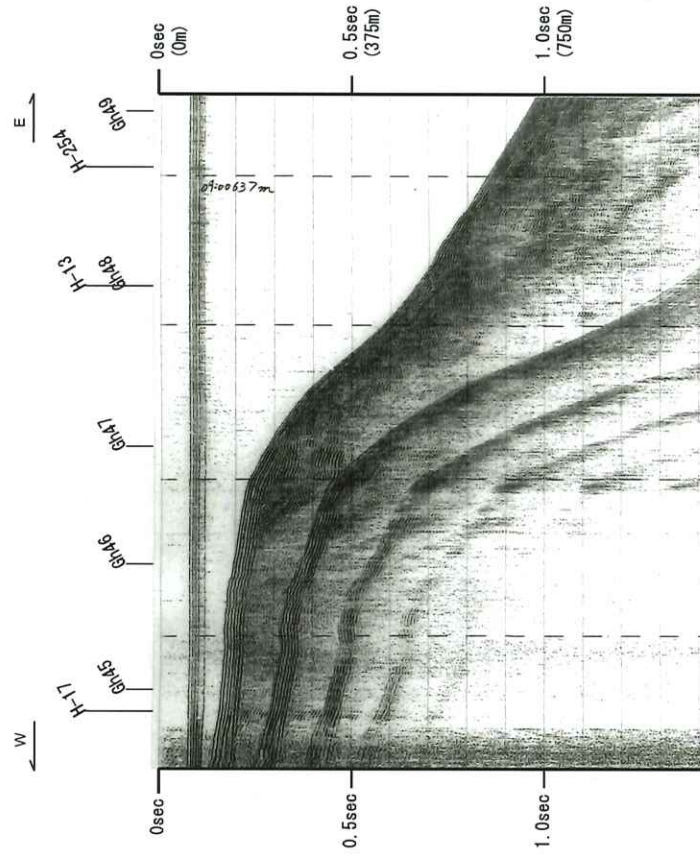
音波探査記録解析位置

Gh33



第3.2-135図(1) F-a 断層周辺の音波探査記録及び解釈図 (Gh33測線)

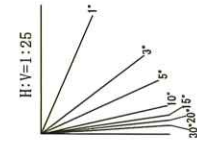
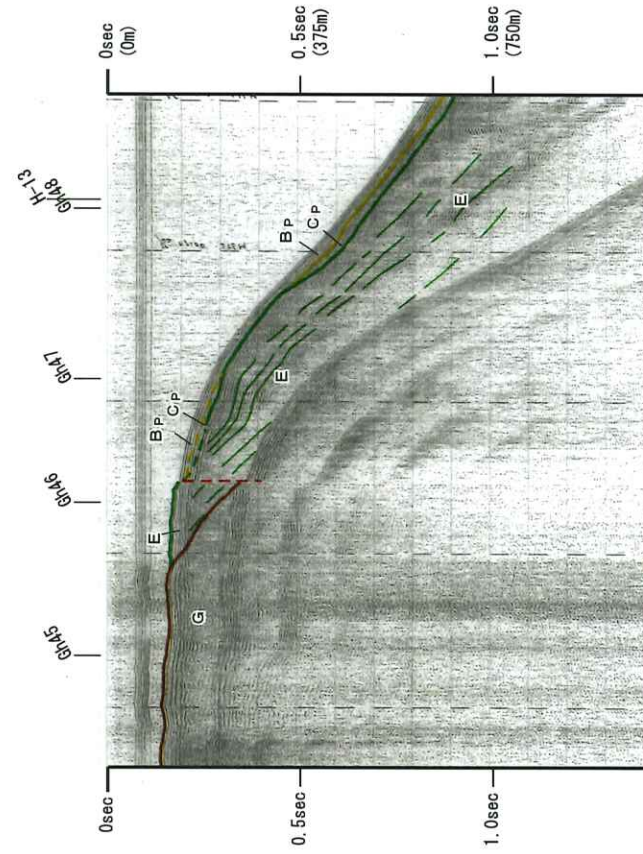
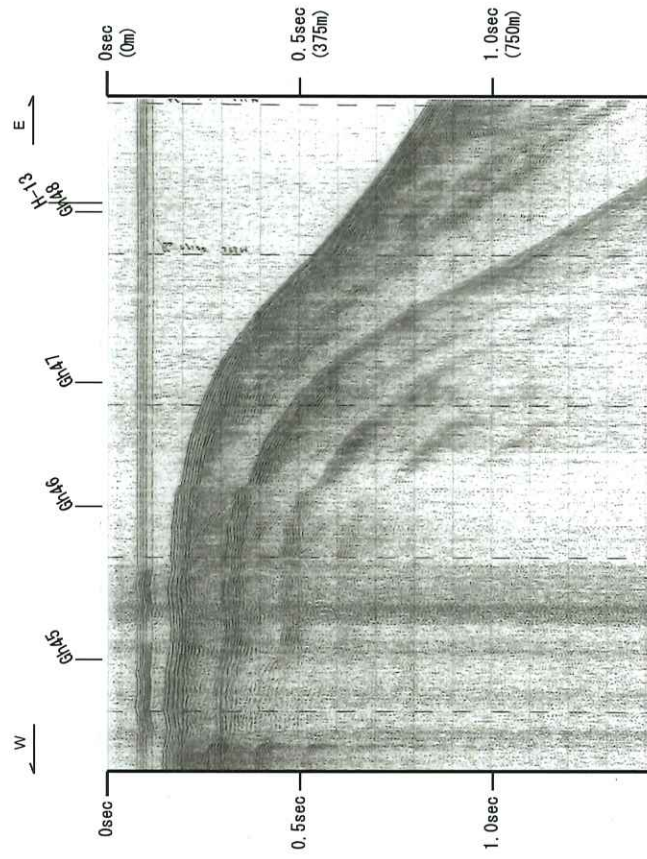
Gh32



断層

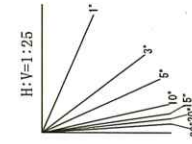
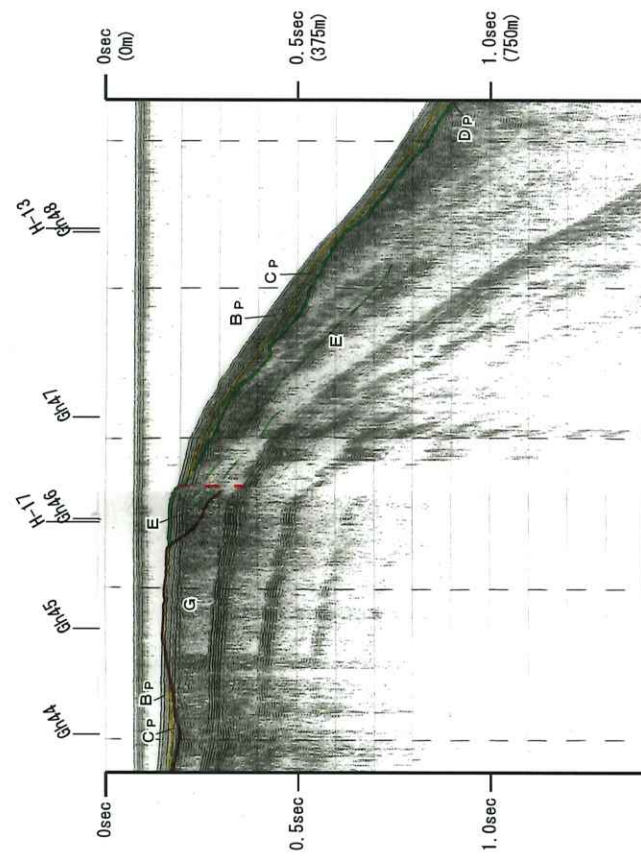
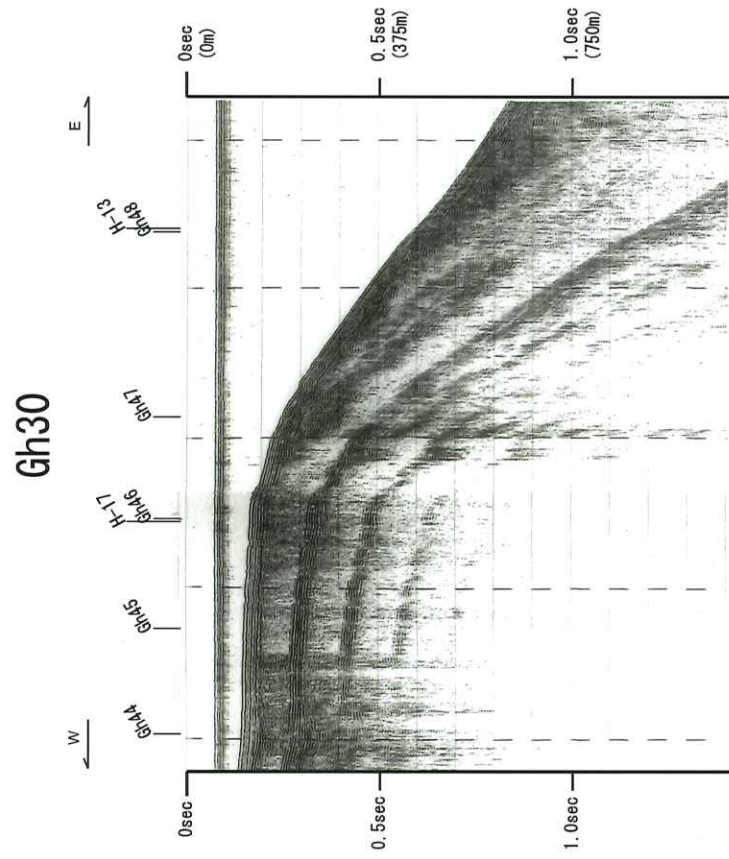
※赤線は第四紀後期更新世以降の地層に变位もしくは変形を与えている可能性を否定できないもの

Gh31



断層

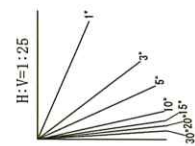
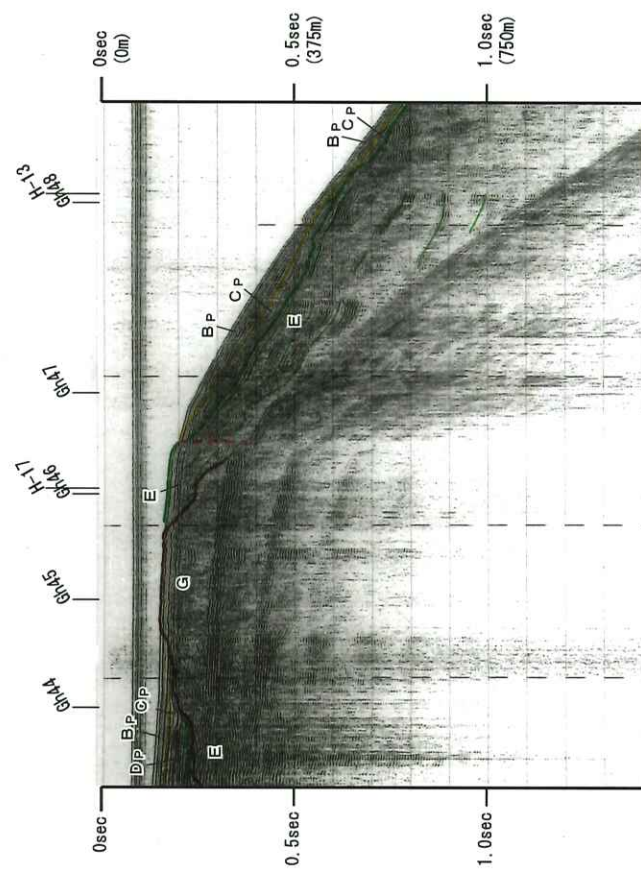
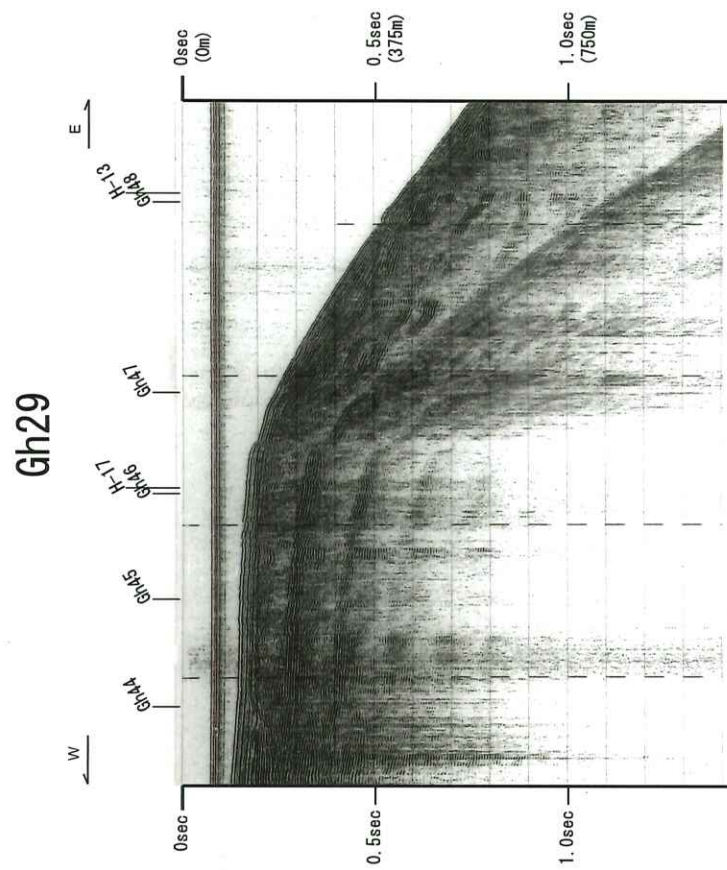
※赤線は第四紀後期更新世以降の地層に表れもしくは変形を与えている可能性を否定できないもの



断層

※赤線は第四紀後期更新世以降の地層に変位もしくは変形を与えている可能性を否定できないもの

第3. 2-135図 (4) F - a 断層周辺の音波探査記録及び解釈図 (Gh30測線)

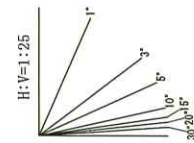
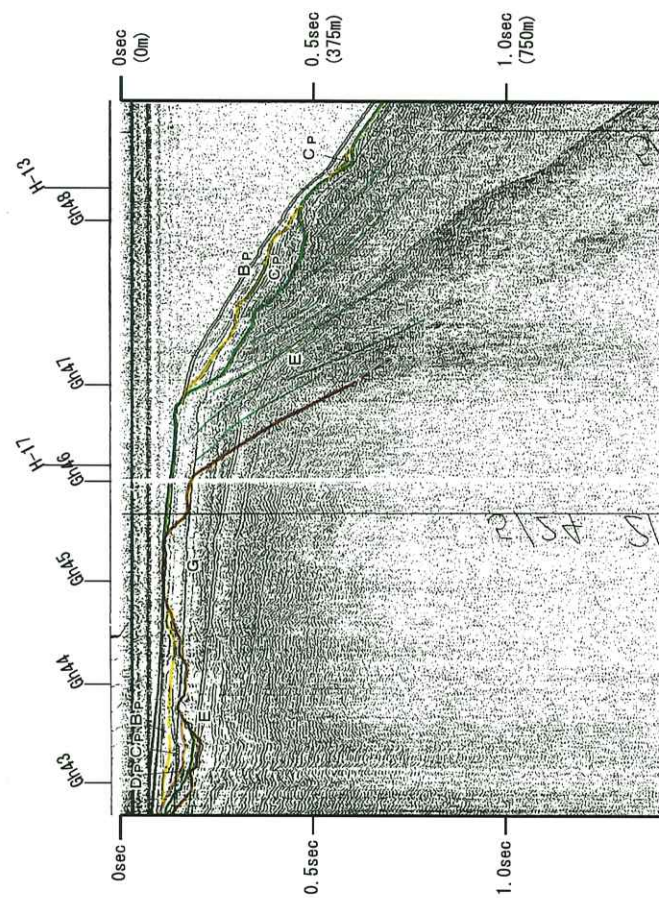
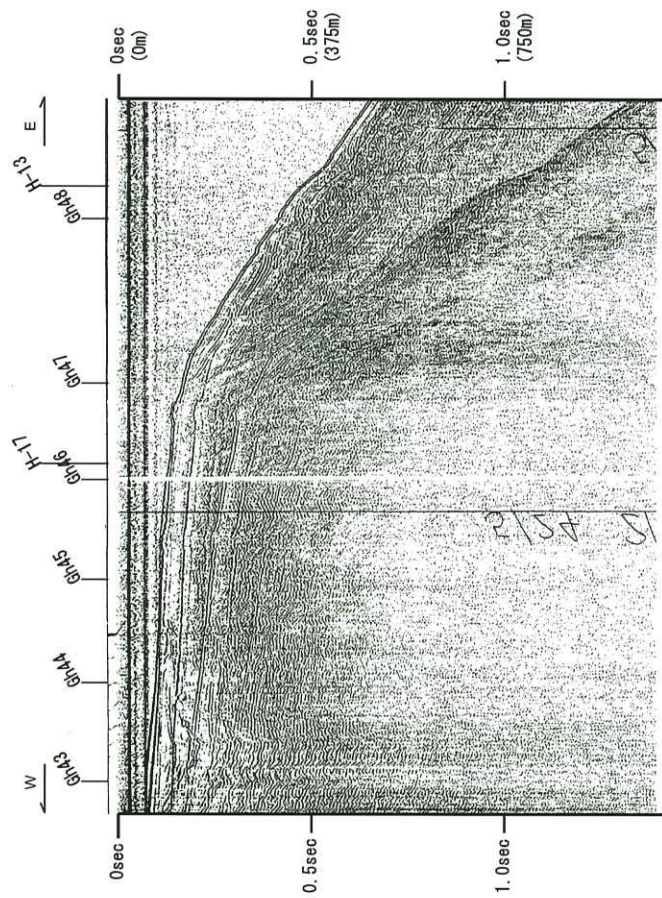


断層

※赤線は第四紀後期更新世以降の地層に変位もしくは変形を与えている可能性を否定できないもの

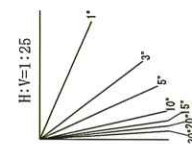
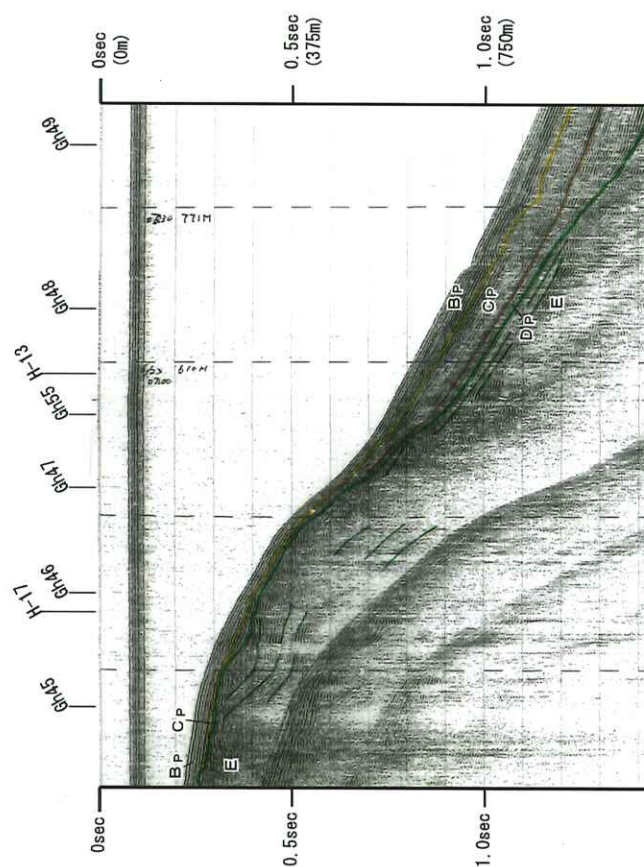
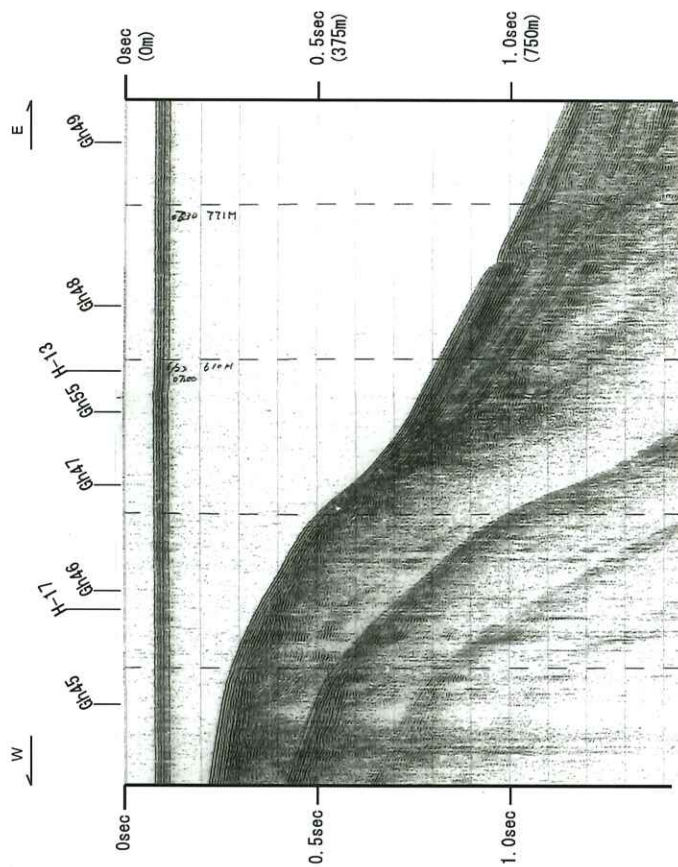
第3.2-135図 (5) F-a 断層周辺の音波探査記録及び解釈図 (Gh29測線)

H-263

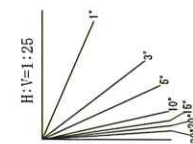
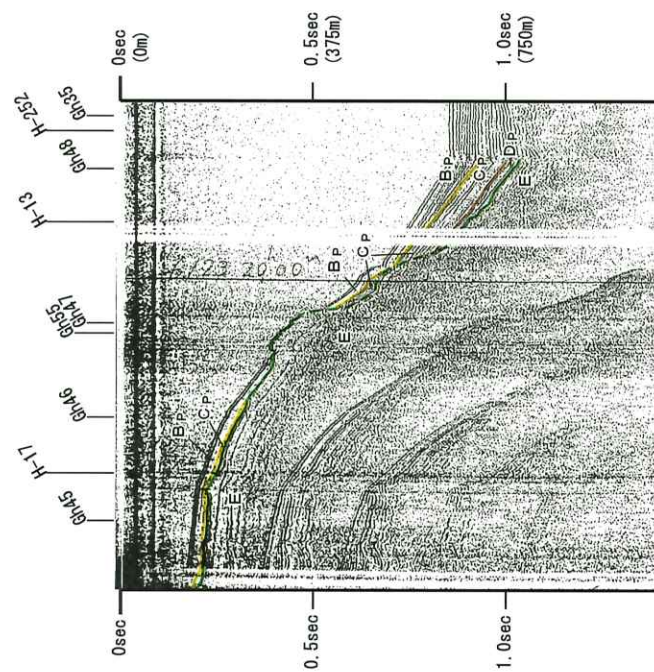
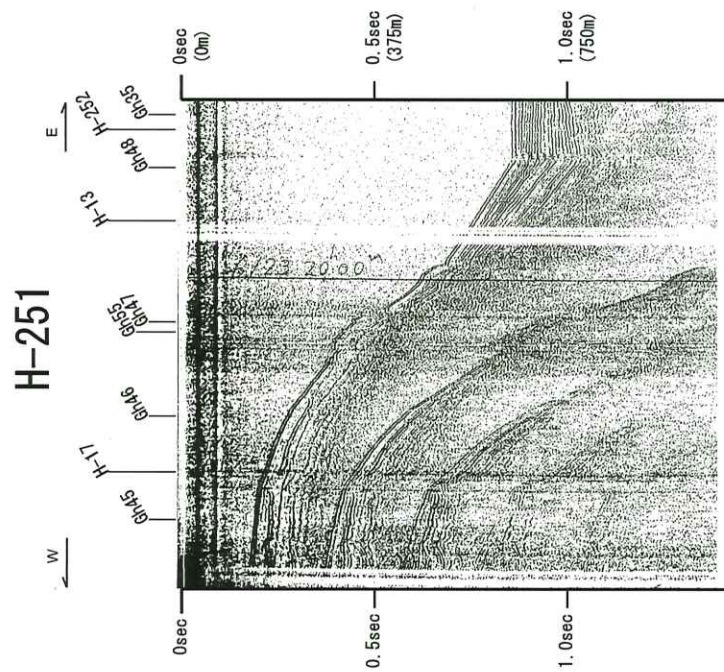


第3.2-135図(6) F-a 断層周辺の音波探査記録及び解釈図 (H-263測線)

Gh36

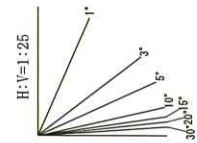
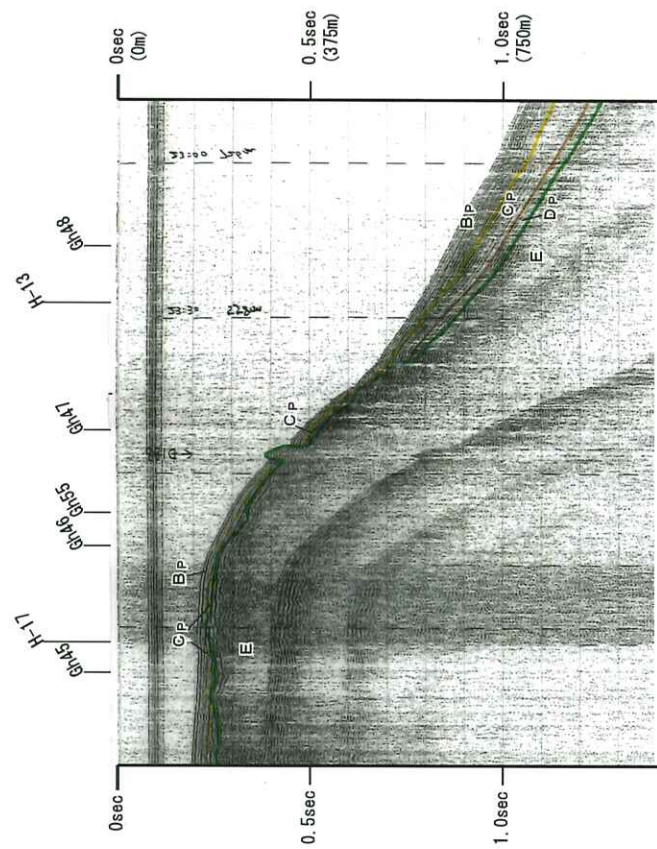
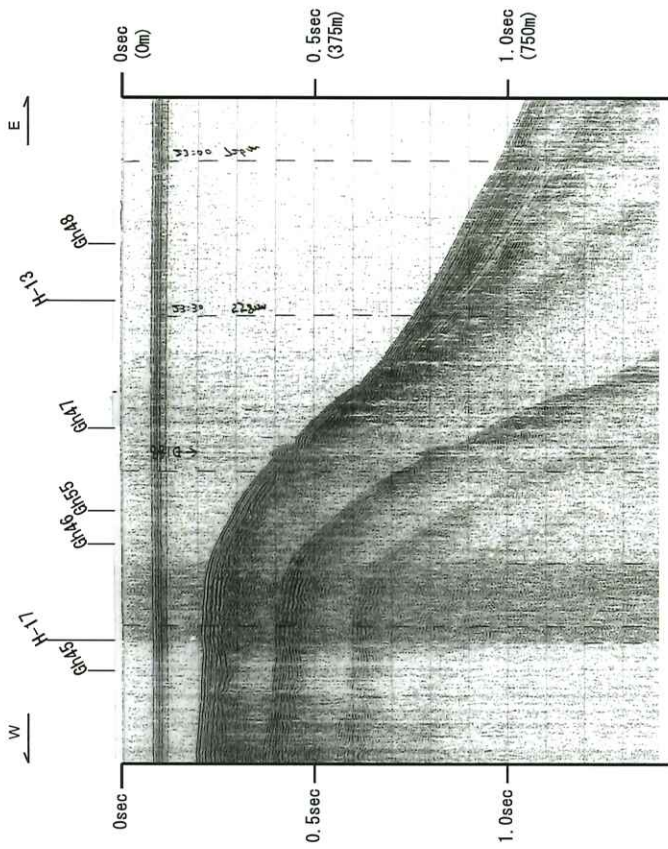


第3.2-137図(2) F-b断層周辺の音波探査記録及び解釈図 (Gh36測線)

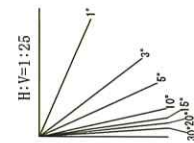
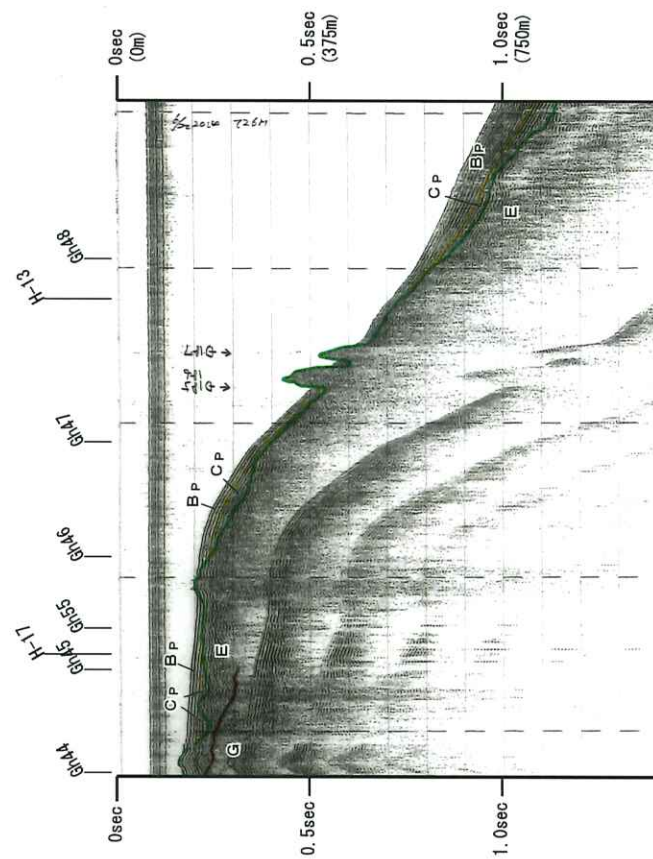
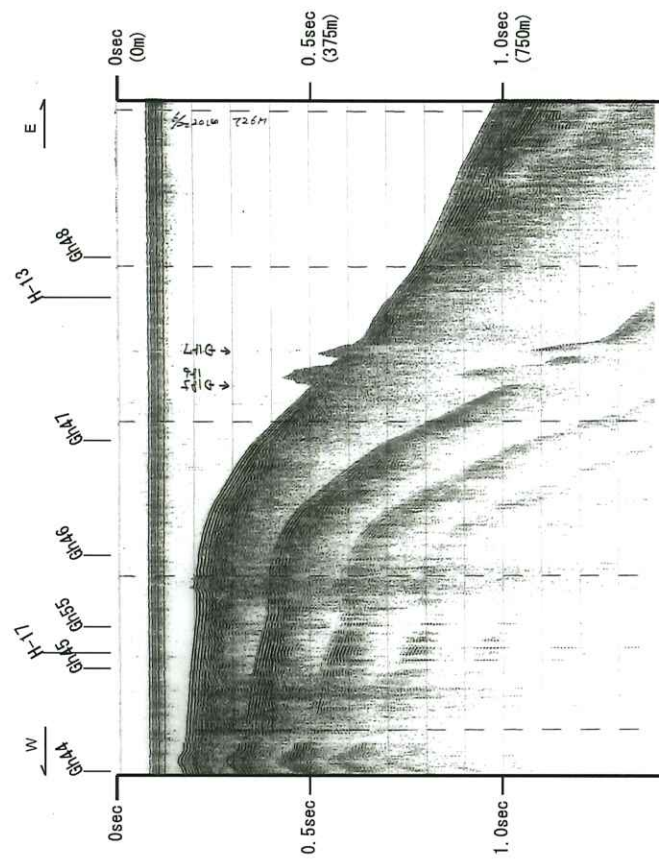


第3.2-137図(3) F-b断層周辺の音波探査記録及び解釈図 (H-251測線)

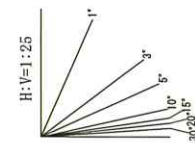
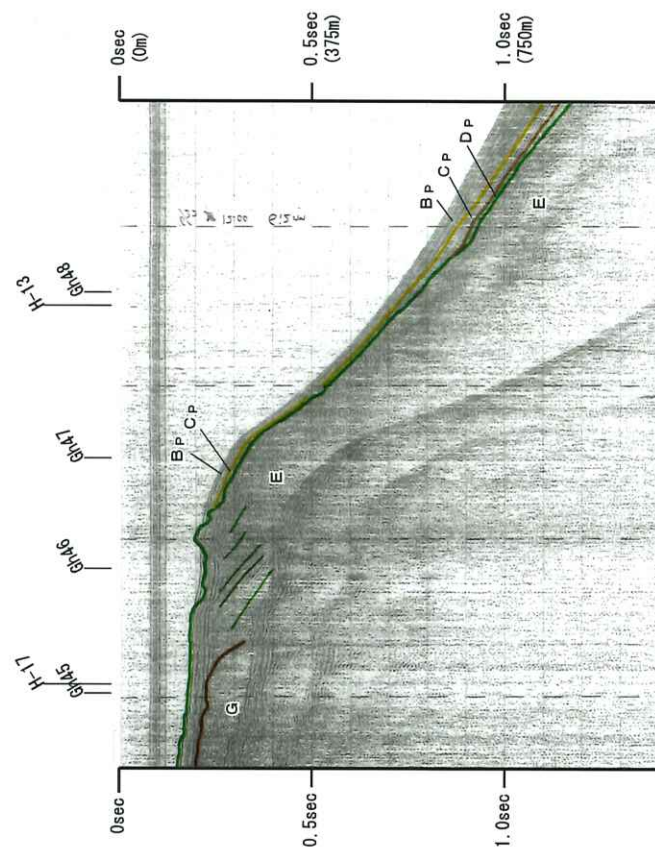
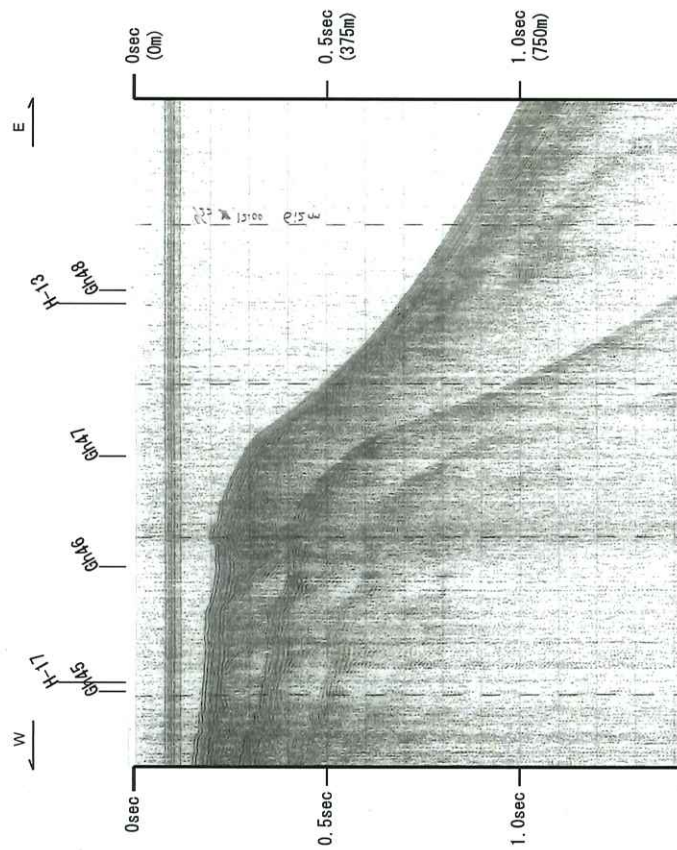
Gh35



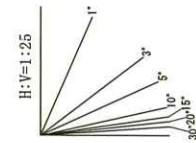
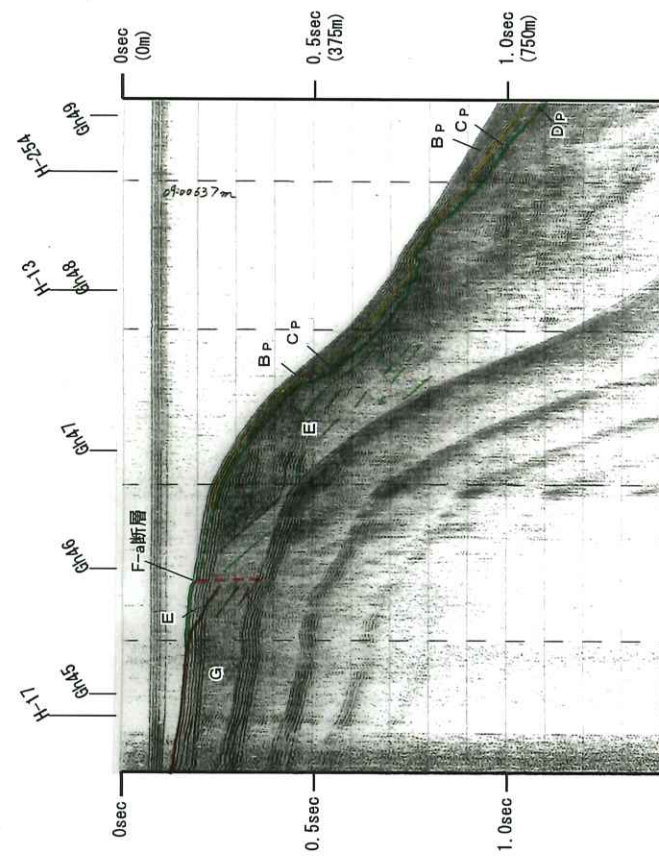
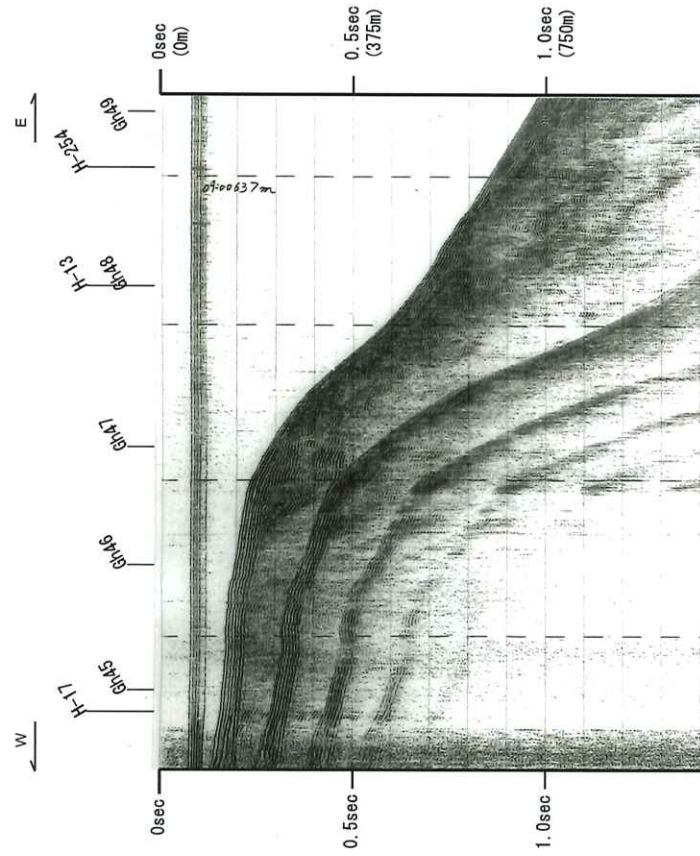
Gh34



Gh33



Gh32



断層

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