中華民国台湾沿海鉱物資源調査報告書付図

中華民国台湾沿海鉱物資源調査報告書付図

昭和44年3月

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海外技術協力事業団

Plate I. MAP SHOWING OUTLINE OF GEOLOGY AND LOCATION OF SEISMIC REFRACTION TRAVERSES

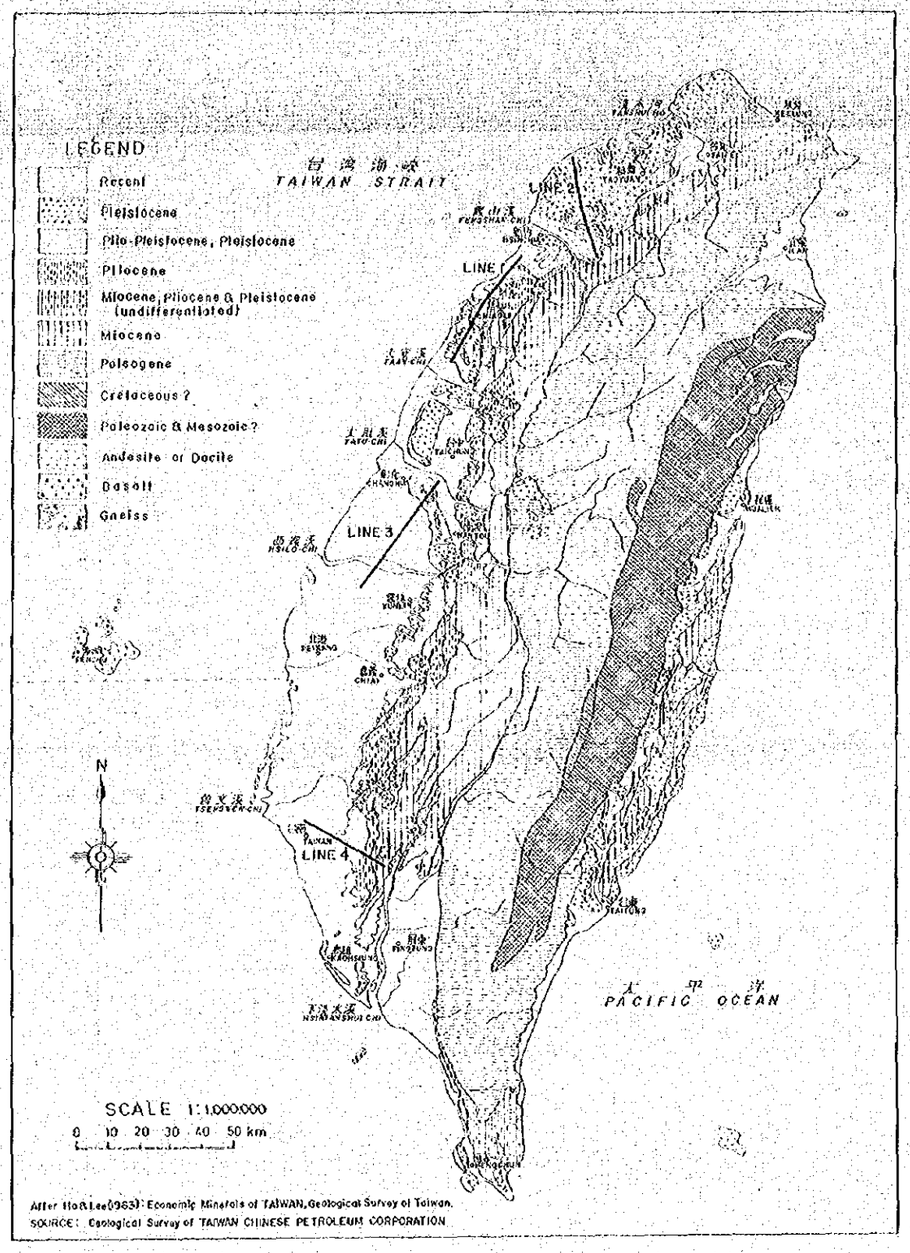
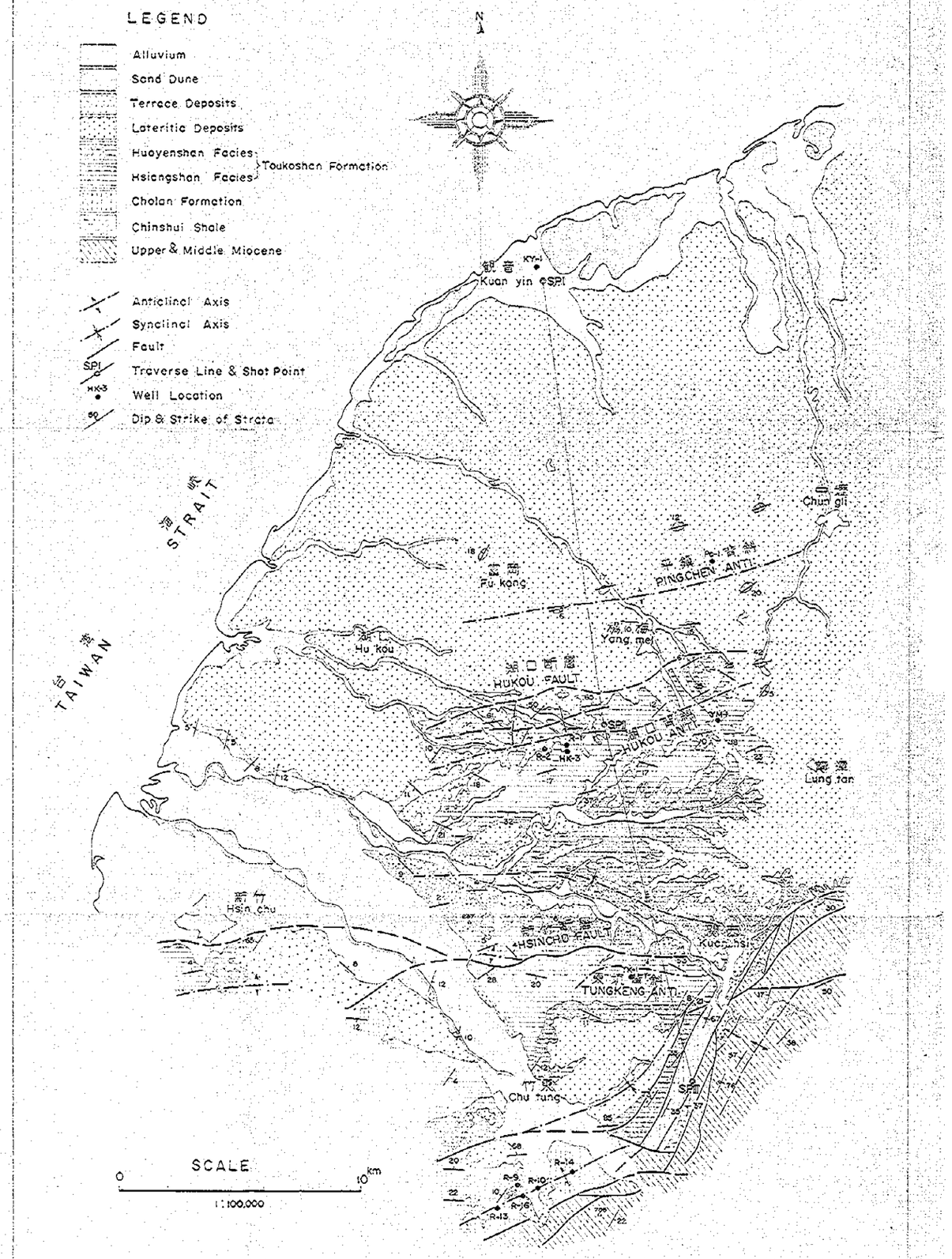


Plate I. MAP SHOWING OUTLINE OF GEOLOGY AND LOCATION OF SEISMIC REFRACTION TRAVERSES

Plate 2. GEOLOGIC MAP IN THE AREA OF TRAVERSE LINE 2



Compile : TAIWAN Petroleum Exploration Division
Chinese Petroleum Corporation C.H.Tang
(1964)

Plate 2. GEOLOGIC MAP IN THE AREA OF TRAVERSE LINE 2

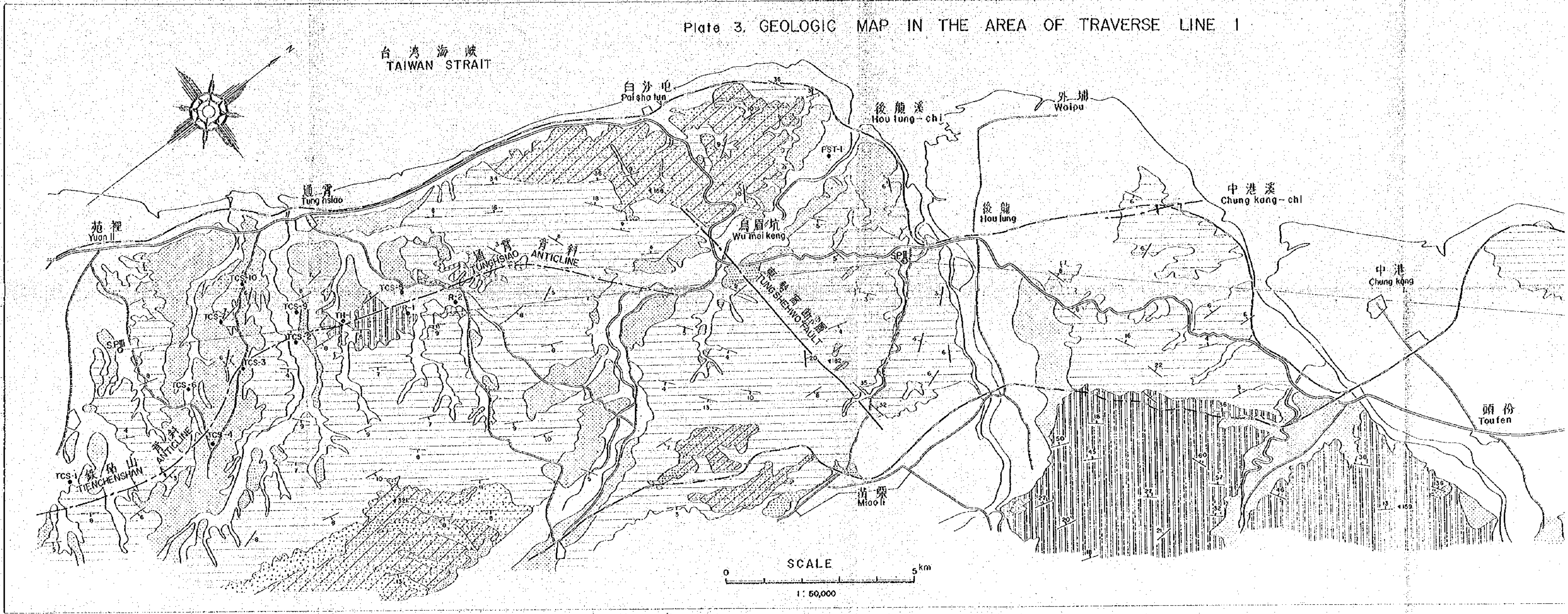


Plate 3. GEOLOGIC MAP IN THE AREA OF TRAVERSE LINE 1
N
台湾海峡
TAIWAN STRAIT
白沙屯
Pai sha tun
後龍溪
Hou lung-chi
外埔
Waipu
通霄
Tung hsiao
苑裡
Yuan li
後龍
Hou lung
中港溪
Chung kang-chi
烏眉坑
Wu mei keng
通霄背斜
TUNGHSIAO ANTICLINE
中港
Chung kang
東勢窩斷層
TUNGSHEHWO FAULT
頭份
Toufen
鉄砧山背斜
TIENCHENSHAN ANTICLINE
苗栗
Miao li
PST-1
SP II
SP III
TCS-1
TCS-2
TCS-3
TCS-4
TCS-6
TCS-7
TCS-8
TCS-9
TCS-10
TH-1
R-1
R-2
SCALE
0
5 km
1 : 50,000

Plate 3. GEOLOGIC MAP IN THE AREA OF TRAVERSE LINE I

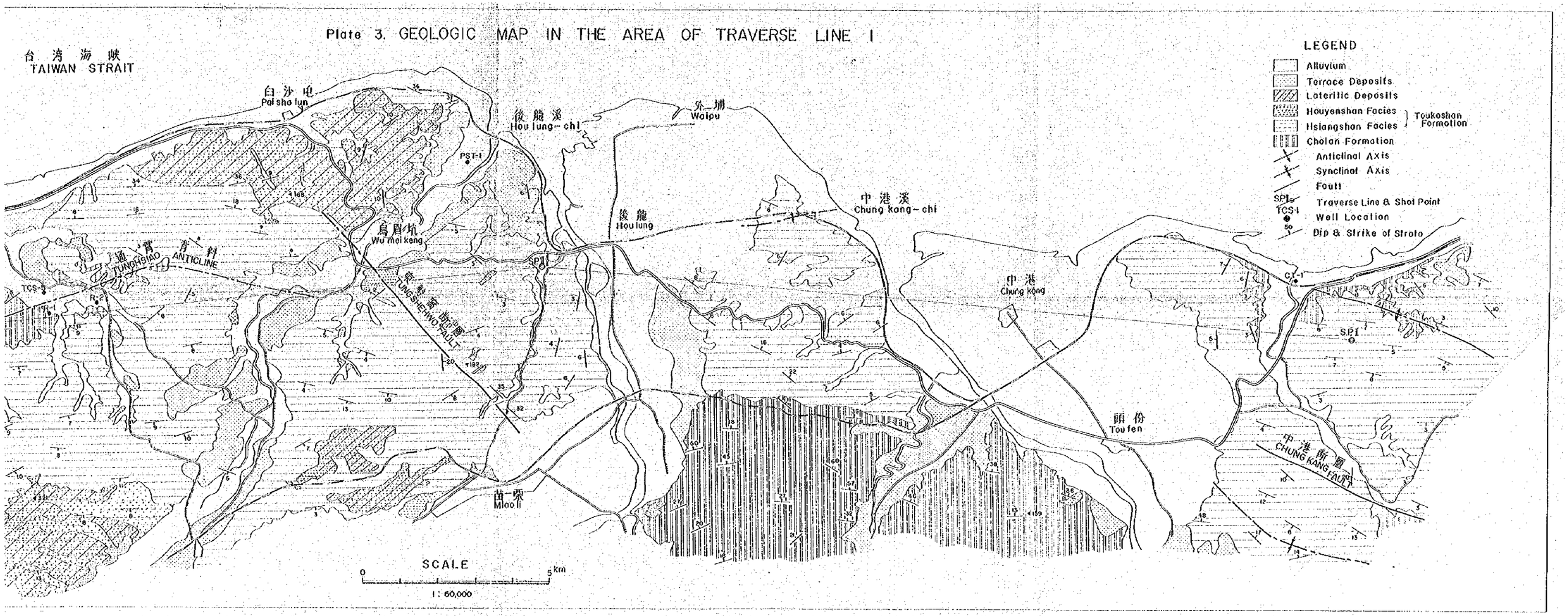
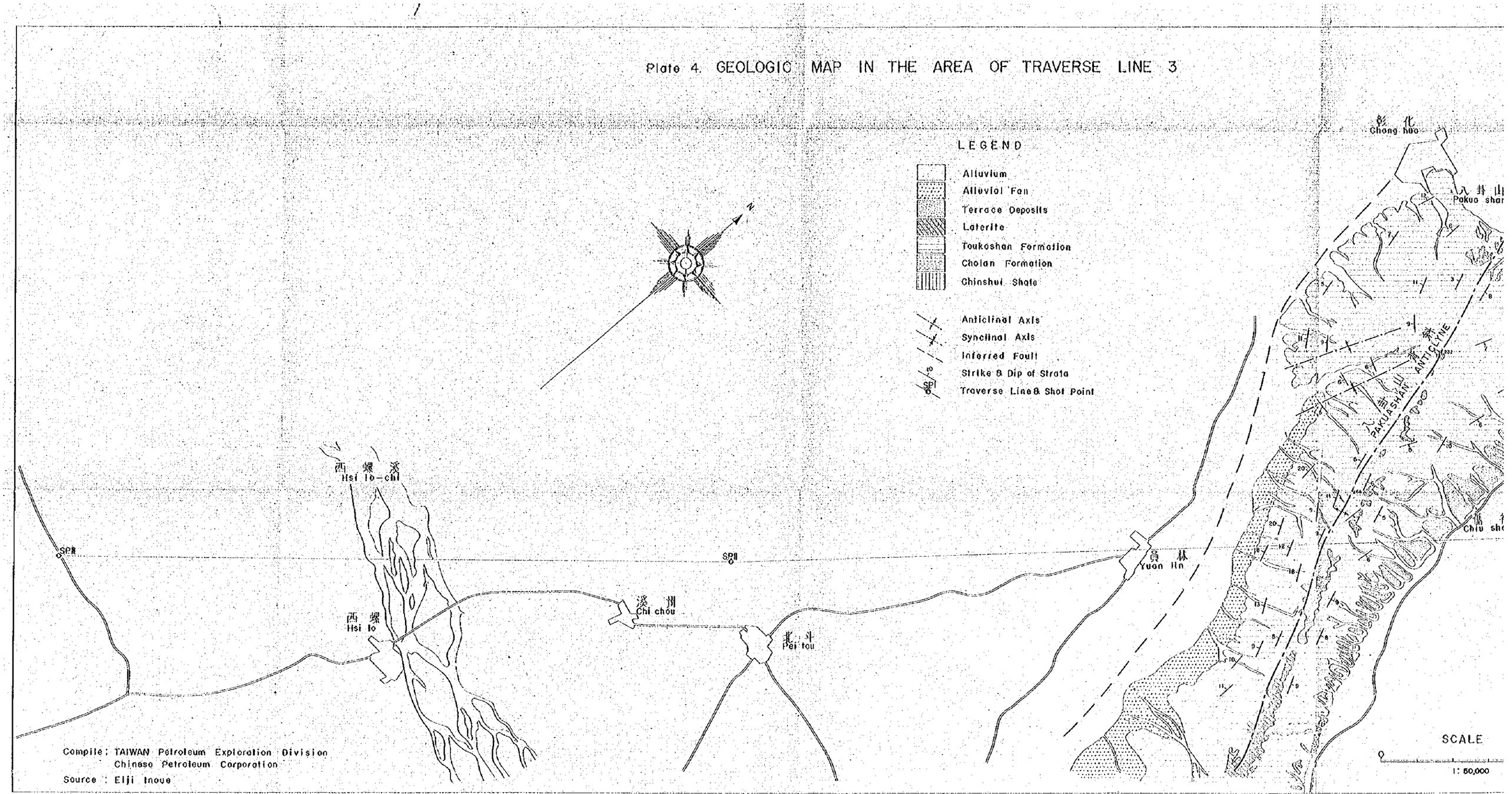


Plate 3. GEOLOGIC MAP IN THE AREA OF TRAVERSE LINE I

Plate 4. GEOLOGIC MAP IN THE AREA OF TRAVERSE LINE 3



Compile; TAIWAN Petroleum Exploration Division
Chinese Petroleum Corporation

Source : Elji Inoue

Plate 4. GEOLOGIC MAP IN THE AREA OF TRAVERSE LINE 3

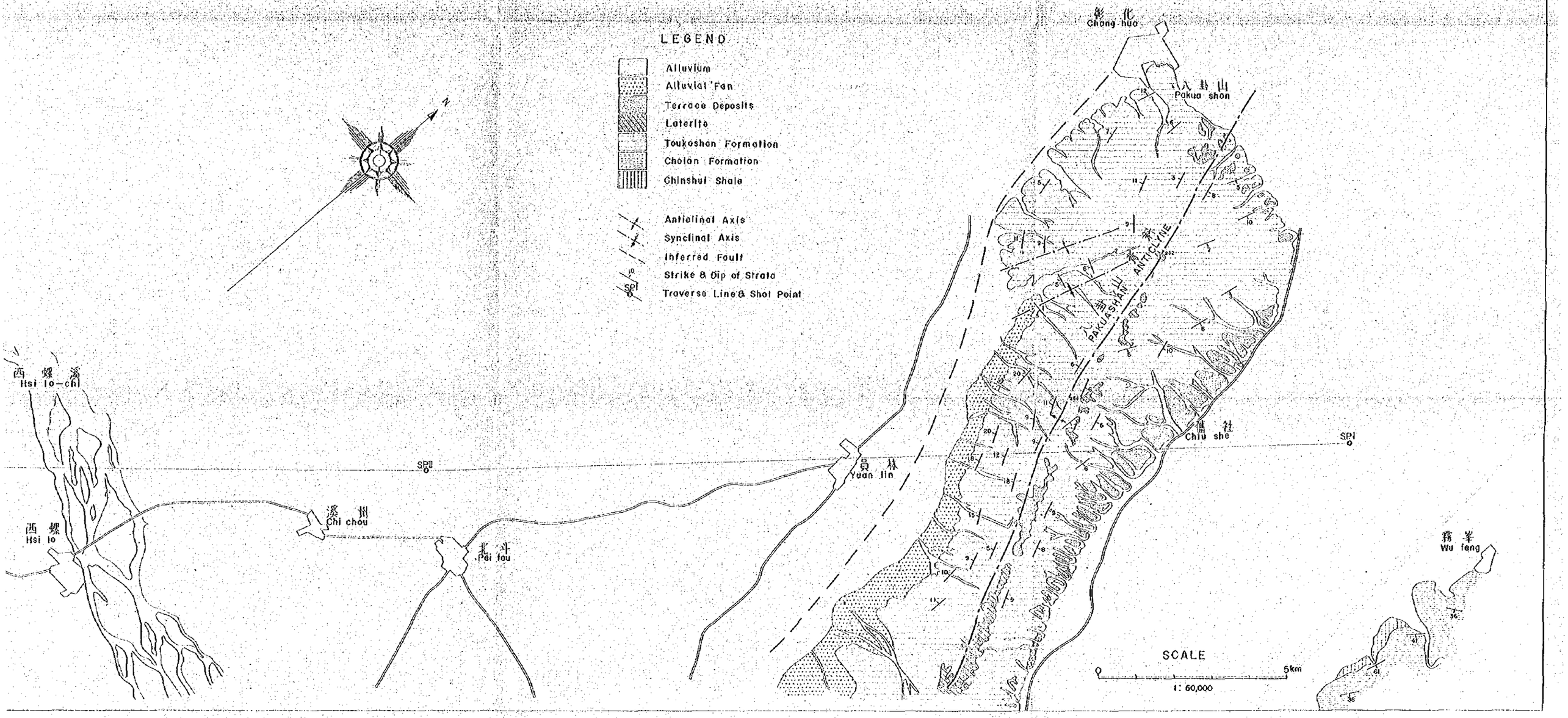
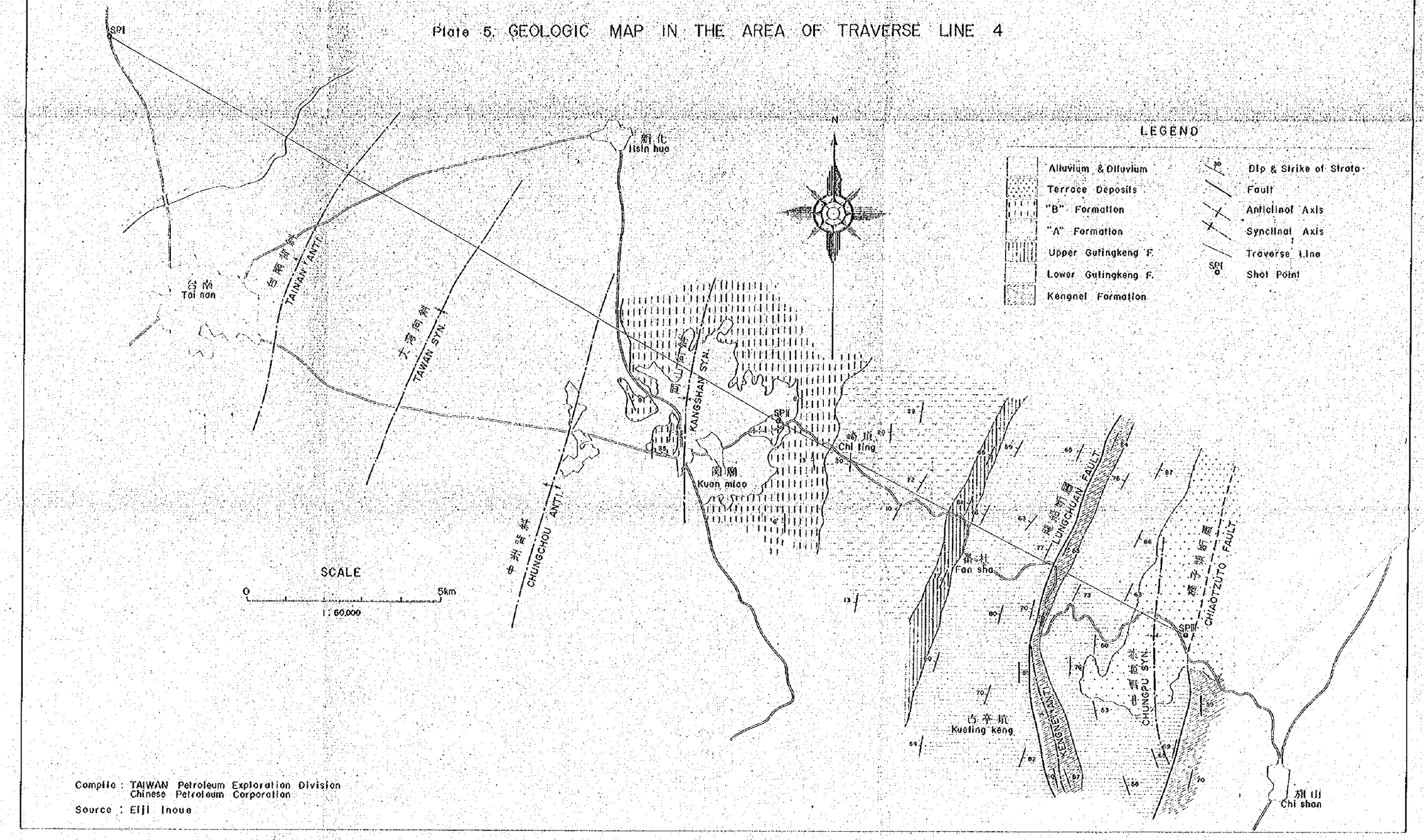


Plate 4. GEOLOGIC MAP IN THE AREA OF TRAVERSE LINE 3

Plate 5. GEOLOGIC MAP IN THE AREA OF TRAVERSE LINE 4



Compile : TAIWAN Petroleum Exploration Division
Chinese Petroleum Corporation

Source : Eiji Inoue

Plate 5. GEOLOGIC MAP IN THE AREA OF TRAVERSE LINE 4

Plate 6. LOCATION MAP OF GEOPHONES AND SHOT POINTS IN TRAVERSE LINE 2

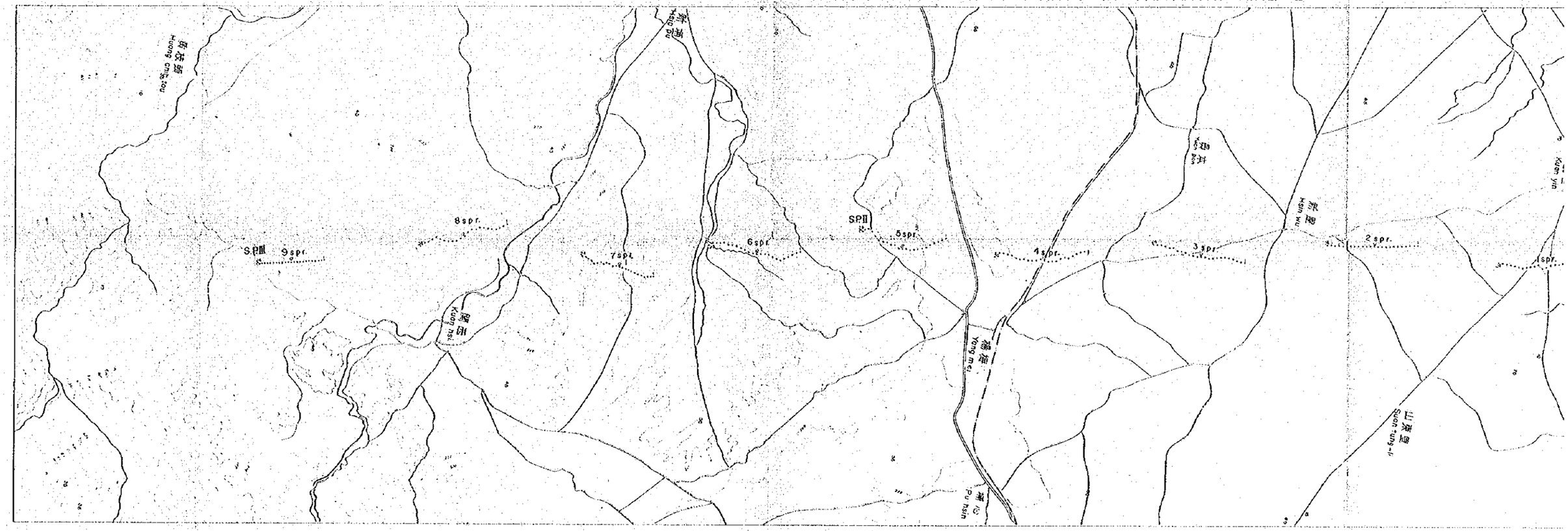


Plate 6. LOCATION MAP OF GEOPHONES AND SHOT POINTS IN TRAVERSE LINE 2

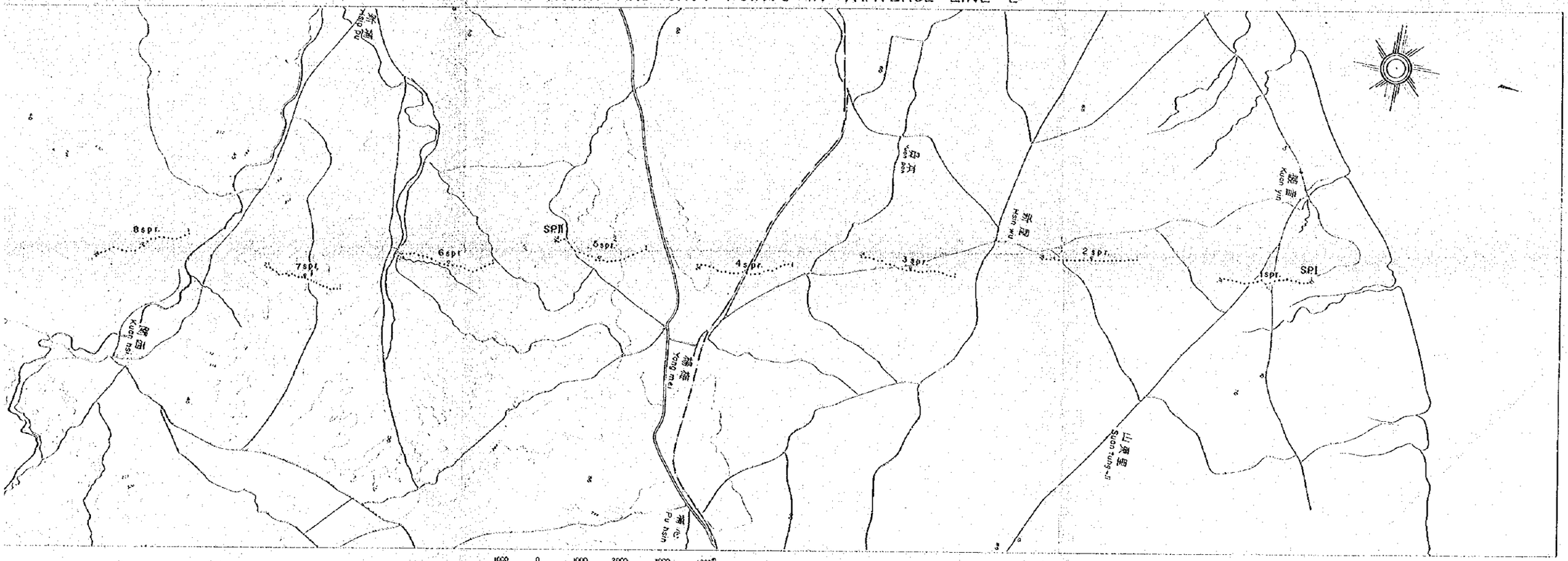


Plate 6. LOCATION MAP OF GEOPHONES AND SHOT POINTS IN TRAVERSE LINE 2

Plate 7. LOCATION MAP OF GEOPHONES AND SHOT POINTS IN TRAVERSE LINE I

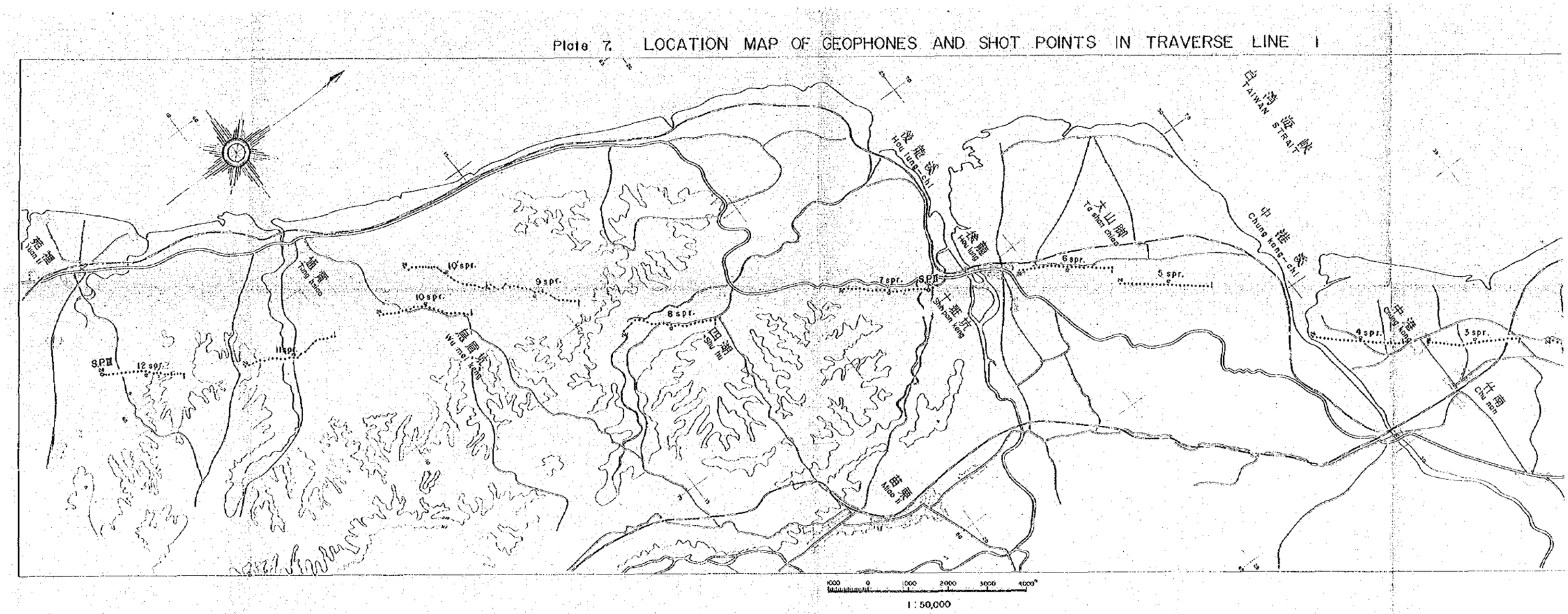


Plate 7. LOCATION MAP OF GEOPHONES AND SHOT POINTS IN TRAVERSE LINE I

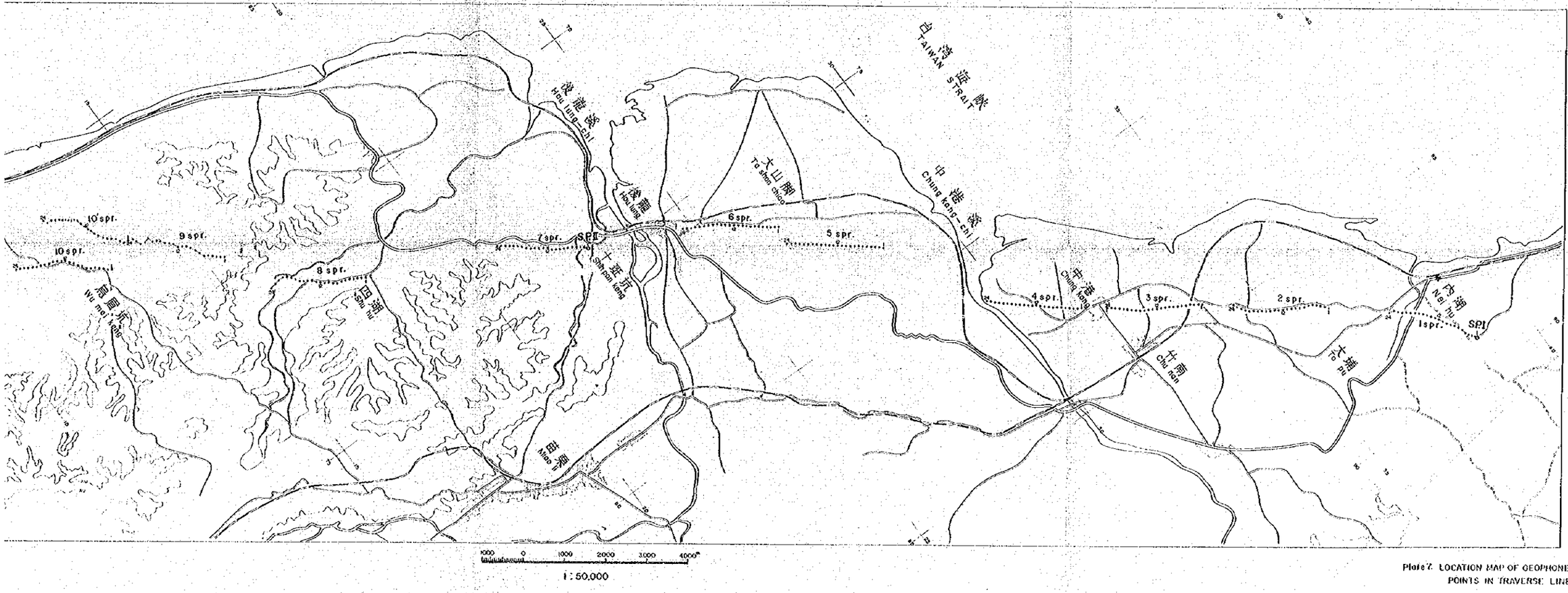


Plate 7. LOCATION MAP OF GEOPHONES AND SHOT POINTS IN TRAVERSE LINE I

Plate 8. LOCATION MAP OF GEOPHONES AND SHOT POINTS IN TRAVERSE LINE 3

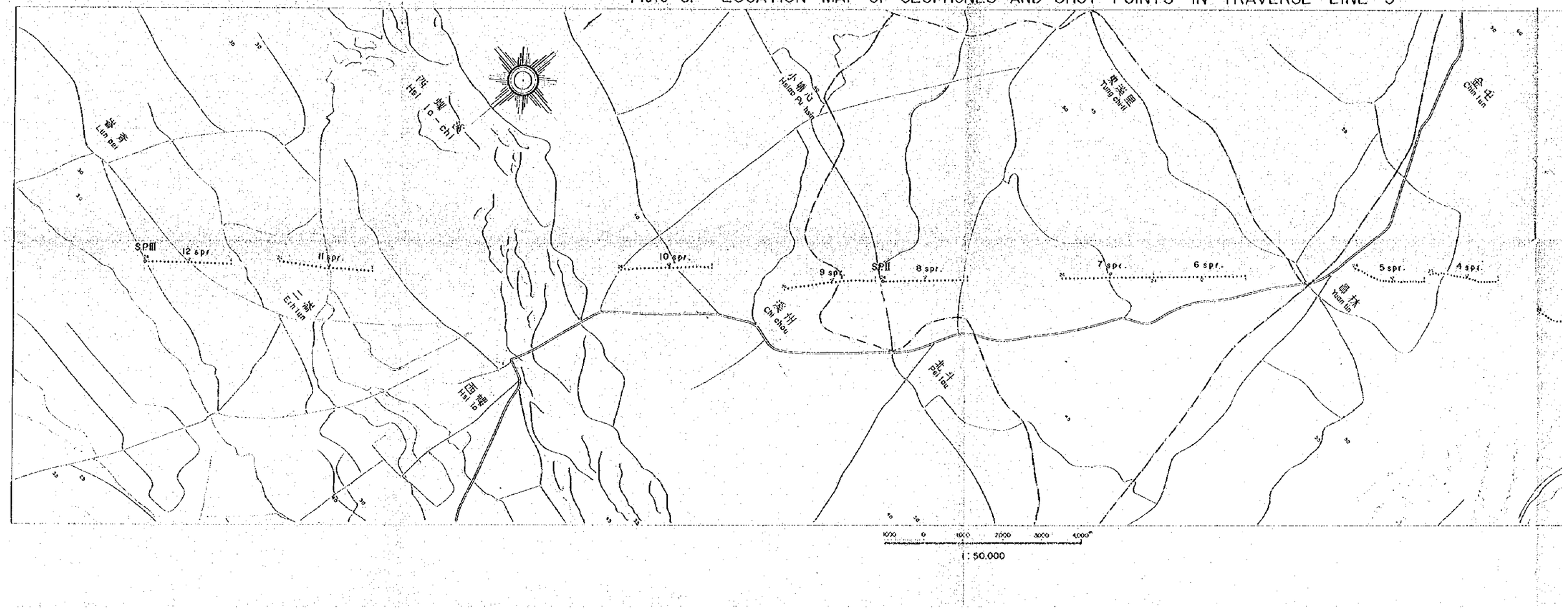


Plate 8. LOCATION MAP OF GEOPHONES AND SHOT POINTS IN TRAVERSE LINE 3

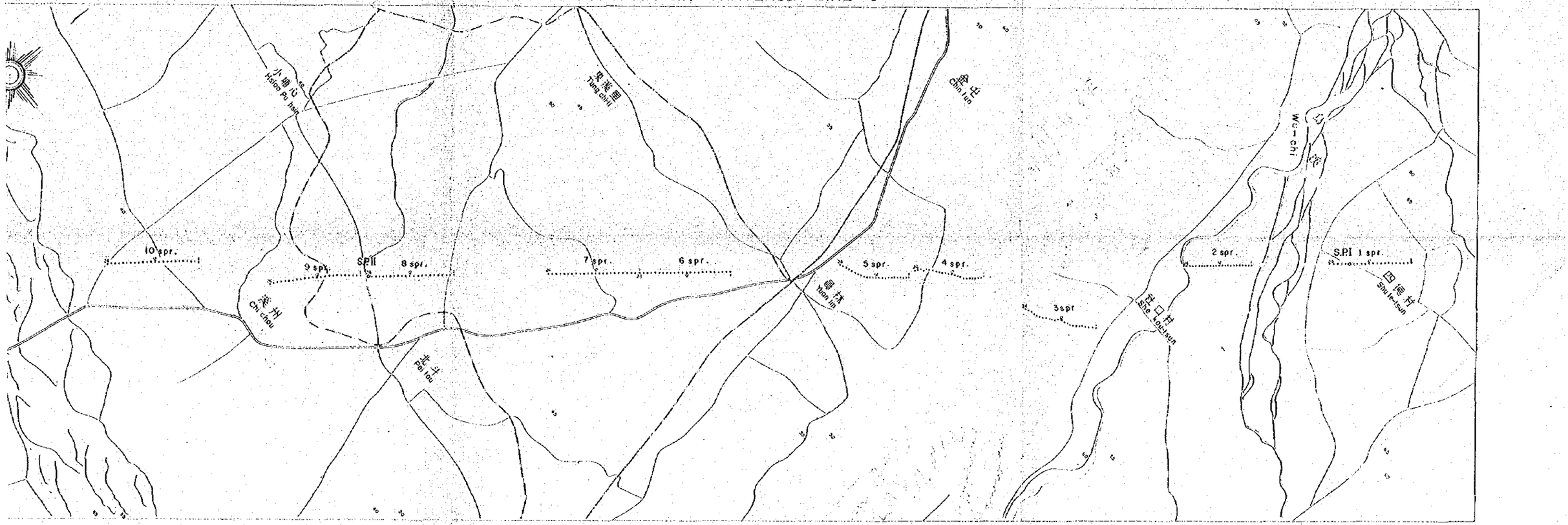


Plate 8. LOCATION MAP OF GEOPHONES AND SHOT POINTS IN TRAVERSE LINE 3

Plate 9. LOCATION MAP OF GEOPHONES AND SHOT POINTS IN TRAVERSE LINE 4

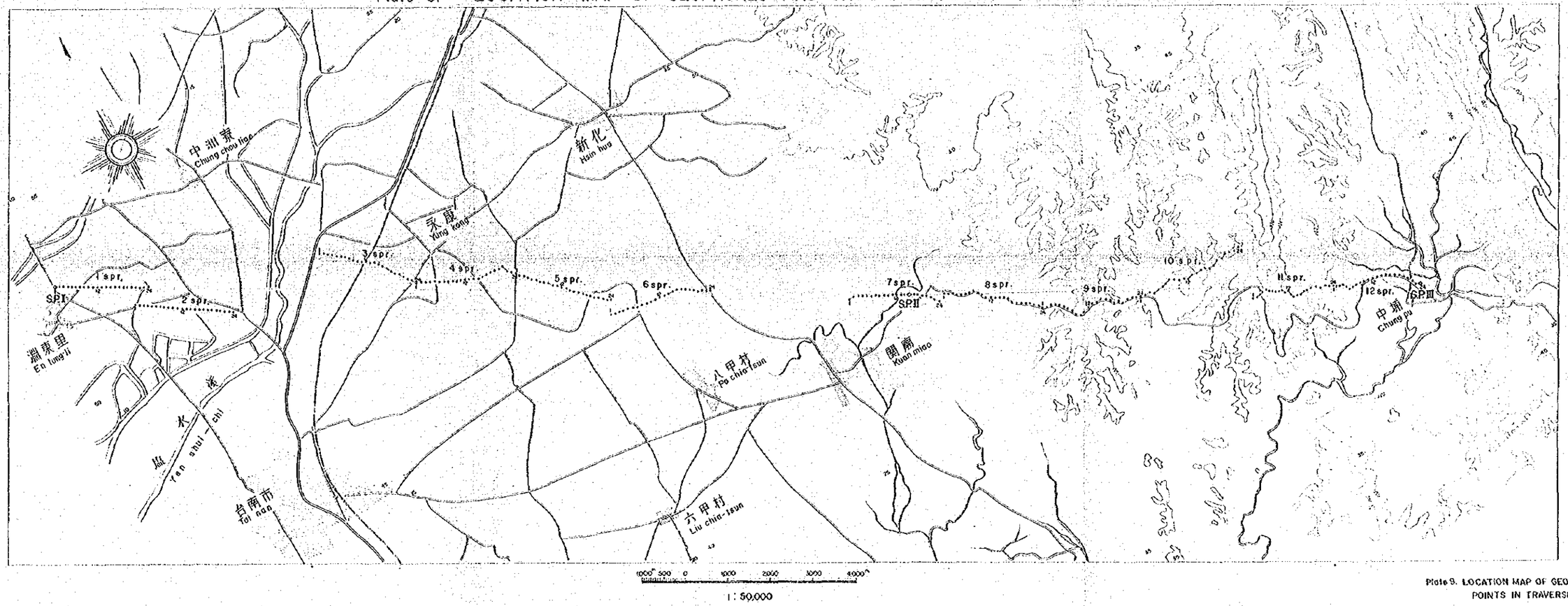
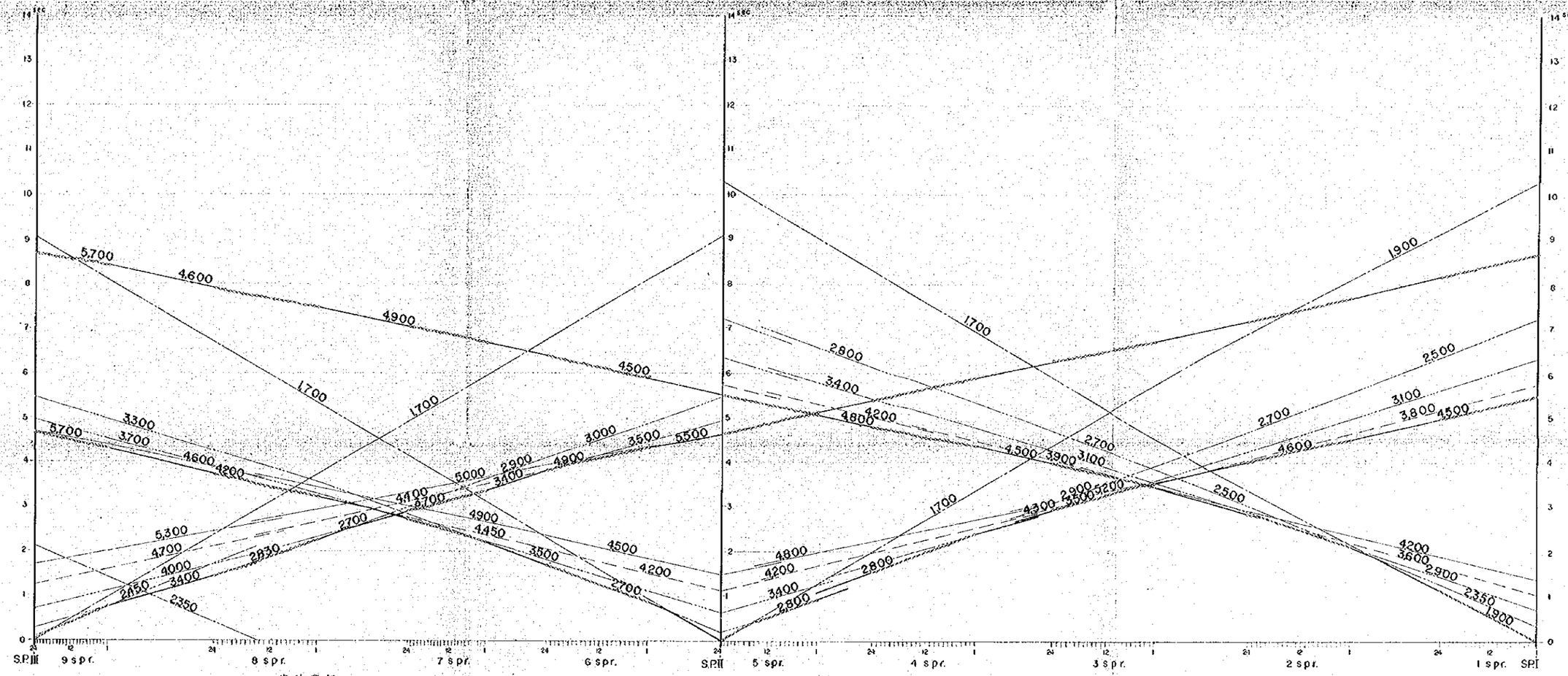


Plate 9. LOCATION MAP OF GEOPHONES AND SHOT POINTS IN TRAVERSE LINE 4

Plate 10. TRAVEL-TIME CURVES AND SEISMIC REFRACTION PROFILE OF TRAVERSE LINE 2



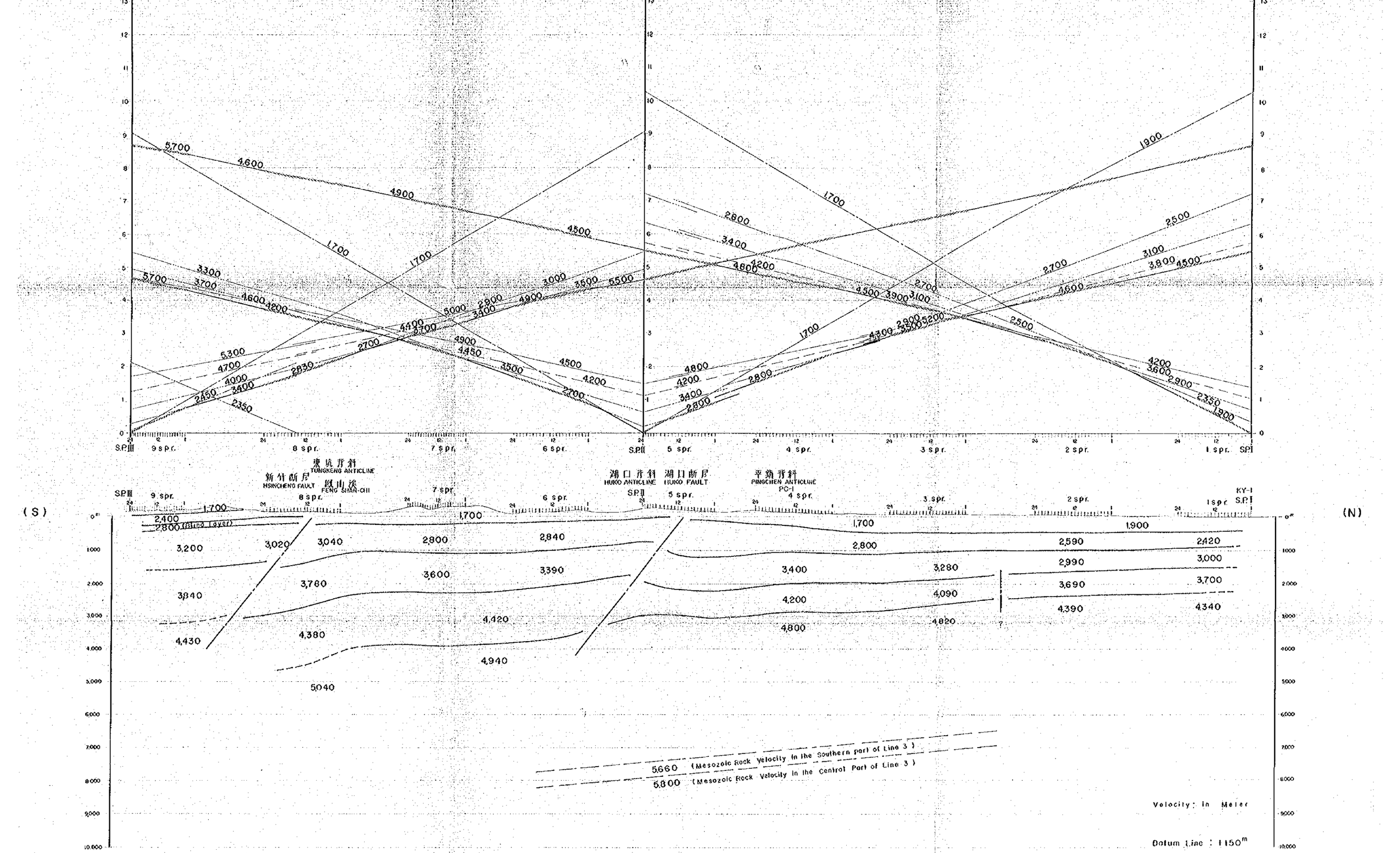


Plate 10. TRAVEL-TIME CURVES AND SEISMIC REFRACTION PROFILE OF TRAVERSE LINE 2

Plate II. GEOLOGIC INTERPRETATION ON SEISMIC REFRACTION PROFILE OF TRAVERSE LINE 2

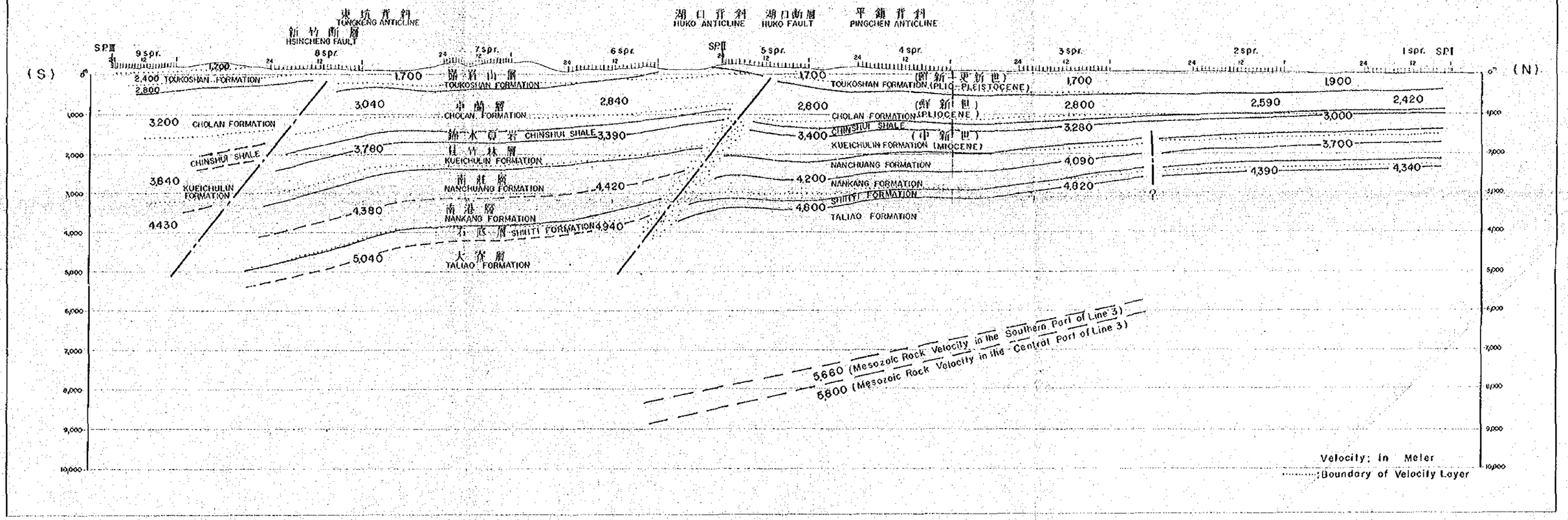


Plate II. GEOLOGIC INTERPRETATION ON SEISMIC REFRACTION PROFILE OF TRAVERSE LINE 2

Plate 12. TRAVEL-TIME CURVES AND SEISMIC REFRACTION PROFILE OF TRAVERSE LINE 1

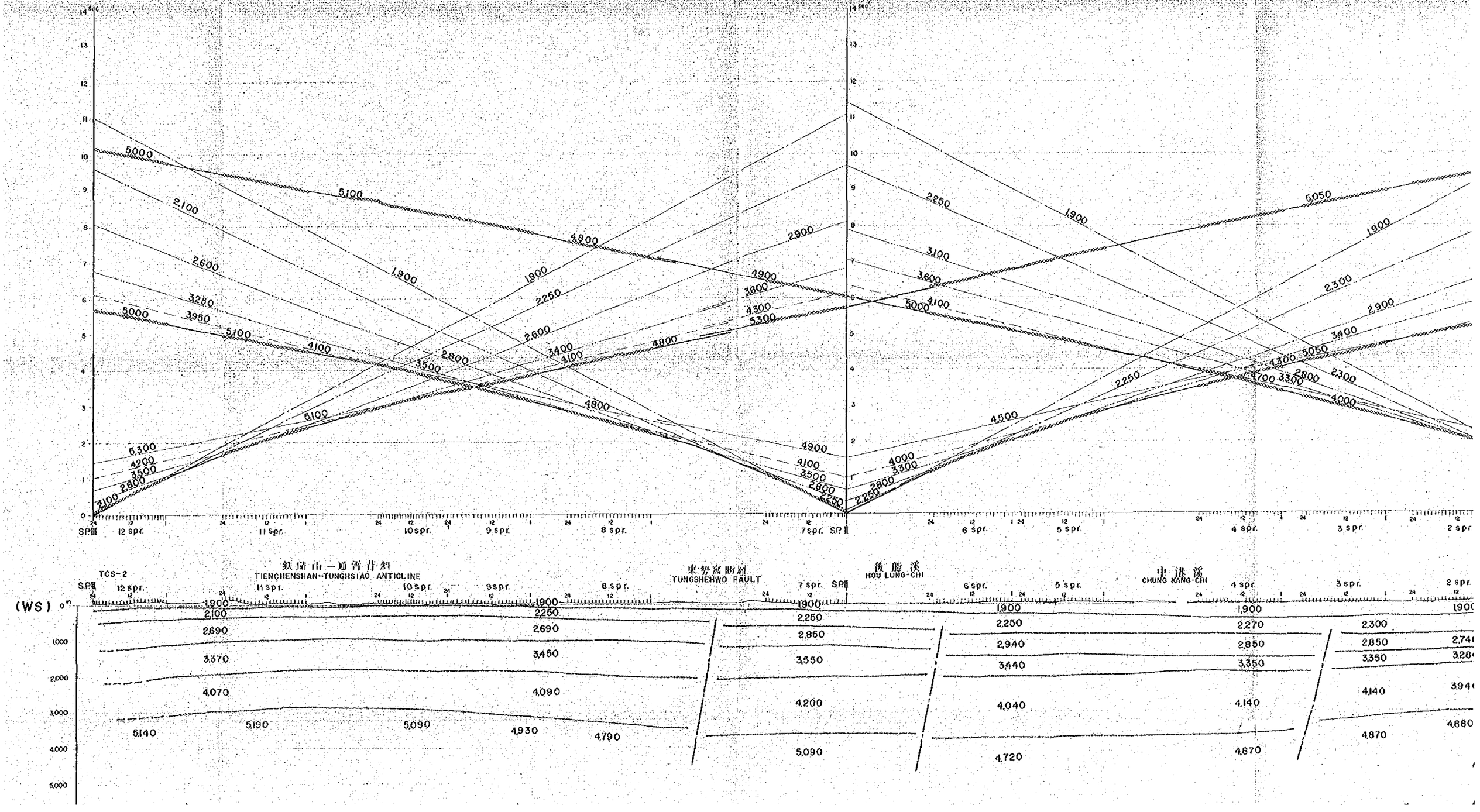
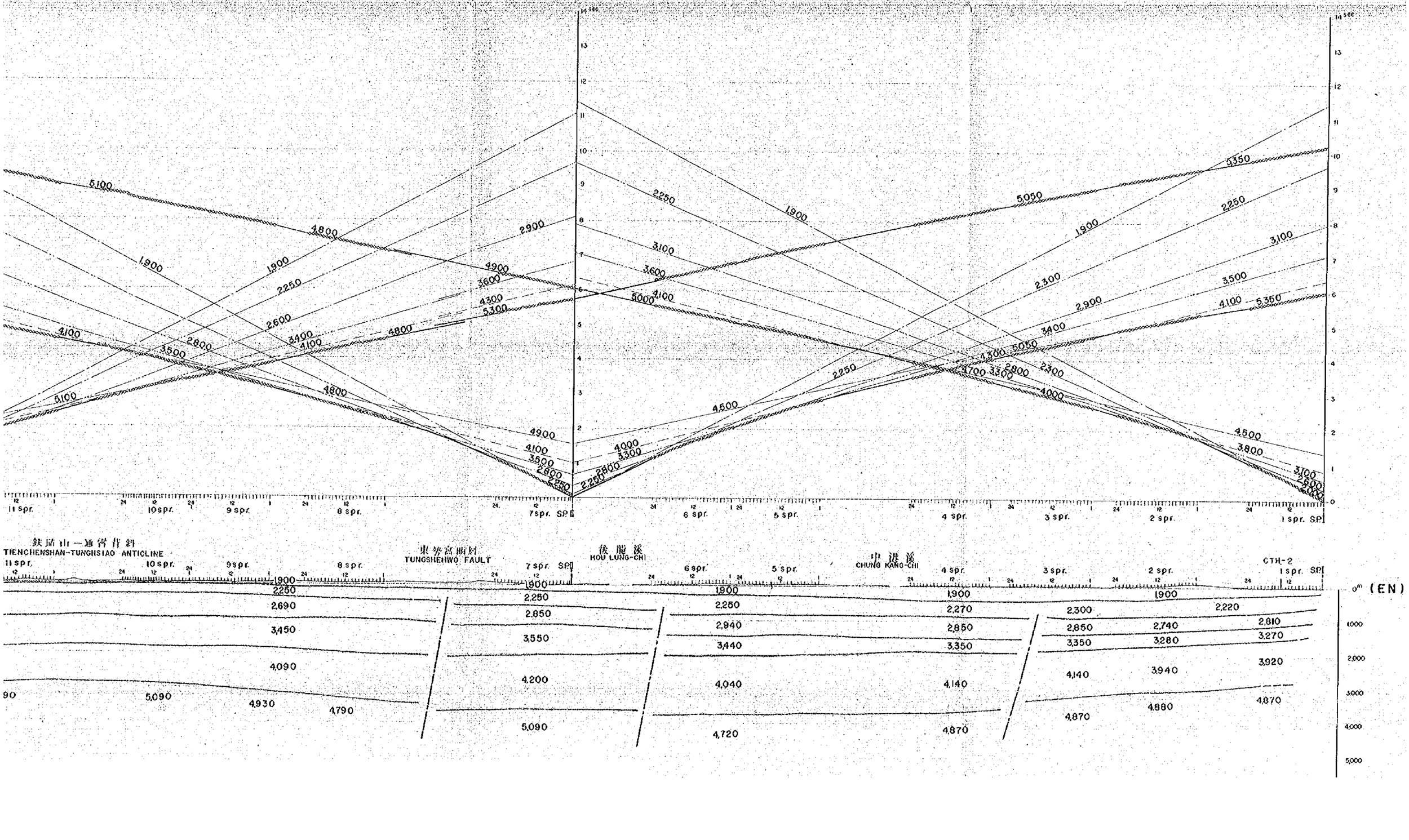


Plate 12. TRAVEL-TIME CURVES AND SEISMIC REFRACTION PROFILE OF TRAVERSE LINE 1



鉄扇山－通宵背斜
TIENCHENSHAN-TUNGHSIAO ANTICLINE

東勢窩斷層
TUNGSHIEHWO FAULT

後龍溪
HOU LUNG-CHI

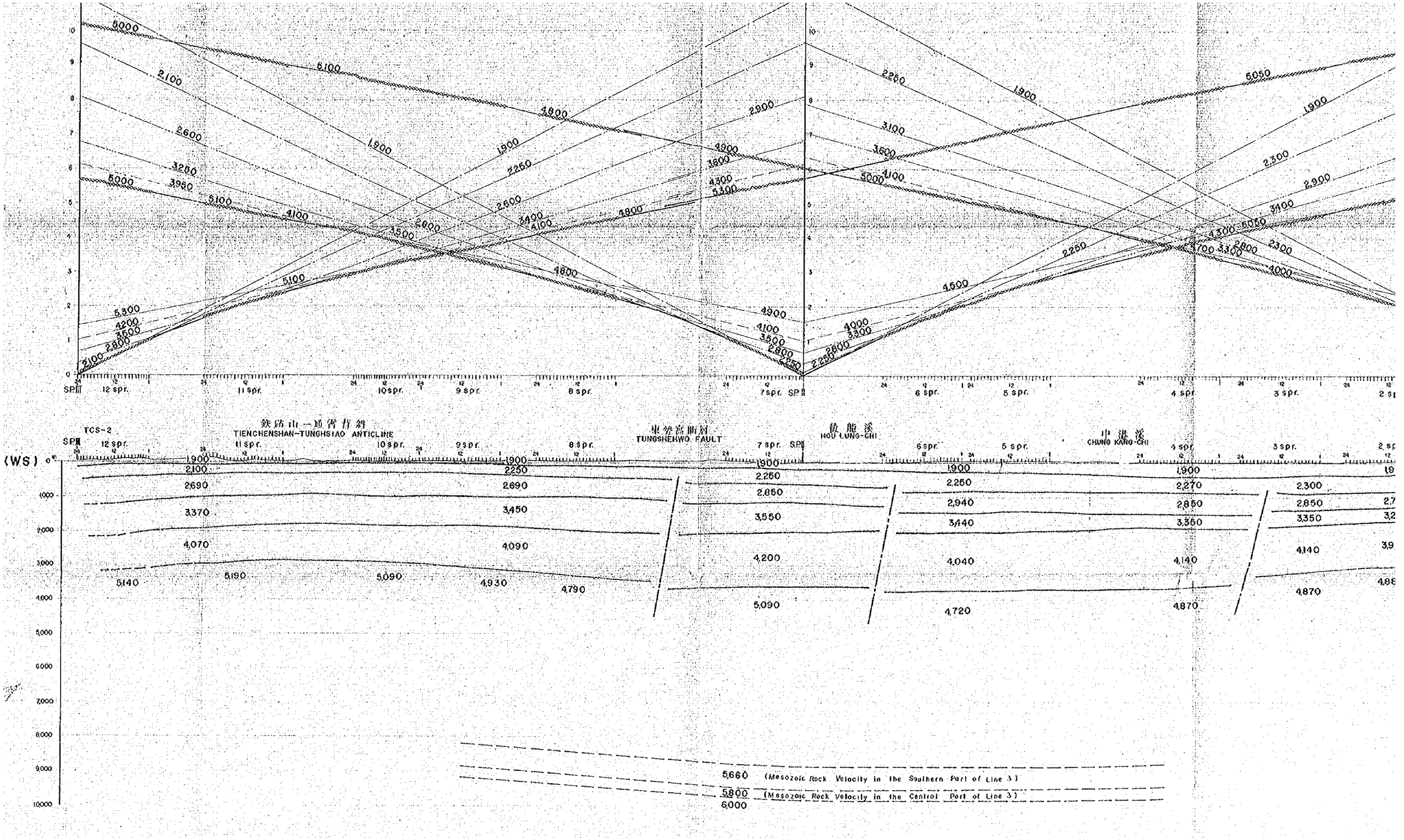
中港溪
CHUNG KANG-CHI

CTH-2

11 spr. 10 spr. 9 spr. 8 spr. 7 spr. SP 6 spr. 5 spr. 4 spr. 3 spr. 2 spr. 1 spr. SP

1,900	1,900			1,900	1,900		1,900	1,900		
2,250	2,250			2,250	2,250		2,270	2,300	2,220	
2,690	2,850			2,940	2,850		2,850	2,740	2,810	
3,450	3,550			3,440	3,350		3,350	3,280	3,270	
4,090	4,200			4,040	4,140		4,140	3,940	3,920	
5,090	5,090			4,720	4,870		4,870	4,880	4,870	
4,930										
4,790										

0 m (EN)
1,000
2,000
3,000
4,000
5,000


SP
12 spr.
11 spr.
10 spr.
9 spr.
8 spr.
7 spr.
6 spr.
5 spr.
4 spr.
3 spr.
2 sp
5000
6100
2100
2600
3250
3960
5100
4100
2800
3500
1900
2250
2900
3600
4300
5300
4800
4900
4100
3500
2800
2250
2260
3100
5000
4500
4000
3300
5050
2300
3100
4300
3300
2800
4000
TCS-2
鐵砧山—通霄背斜
TIENCHENSHAN-TUNGHSIAO ANTICLINE
東勢窩斷層
TUNGSHENWO FAULT
後龍溪
HOU LUNG-CHI
中港溪
CHUNG KANG-CHI
(WS)
1900
2100
2690
3370
4070
5140
5190
5090
4930
4790
2250
2690
3450
4090
2250
2650
3550
4200
5090
1900
2250
2940
3440
4040
4720
2270
2850
3350
4140
4870
2300
2850
3350
4140
4870
5,660 (Mesozoic Rock Velocity in the Southern Part of Line 3)
5,800 (Mesozoic Rock Velocity in the Central Part of Line 3)
6,000

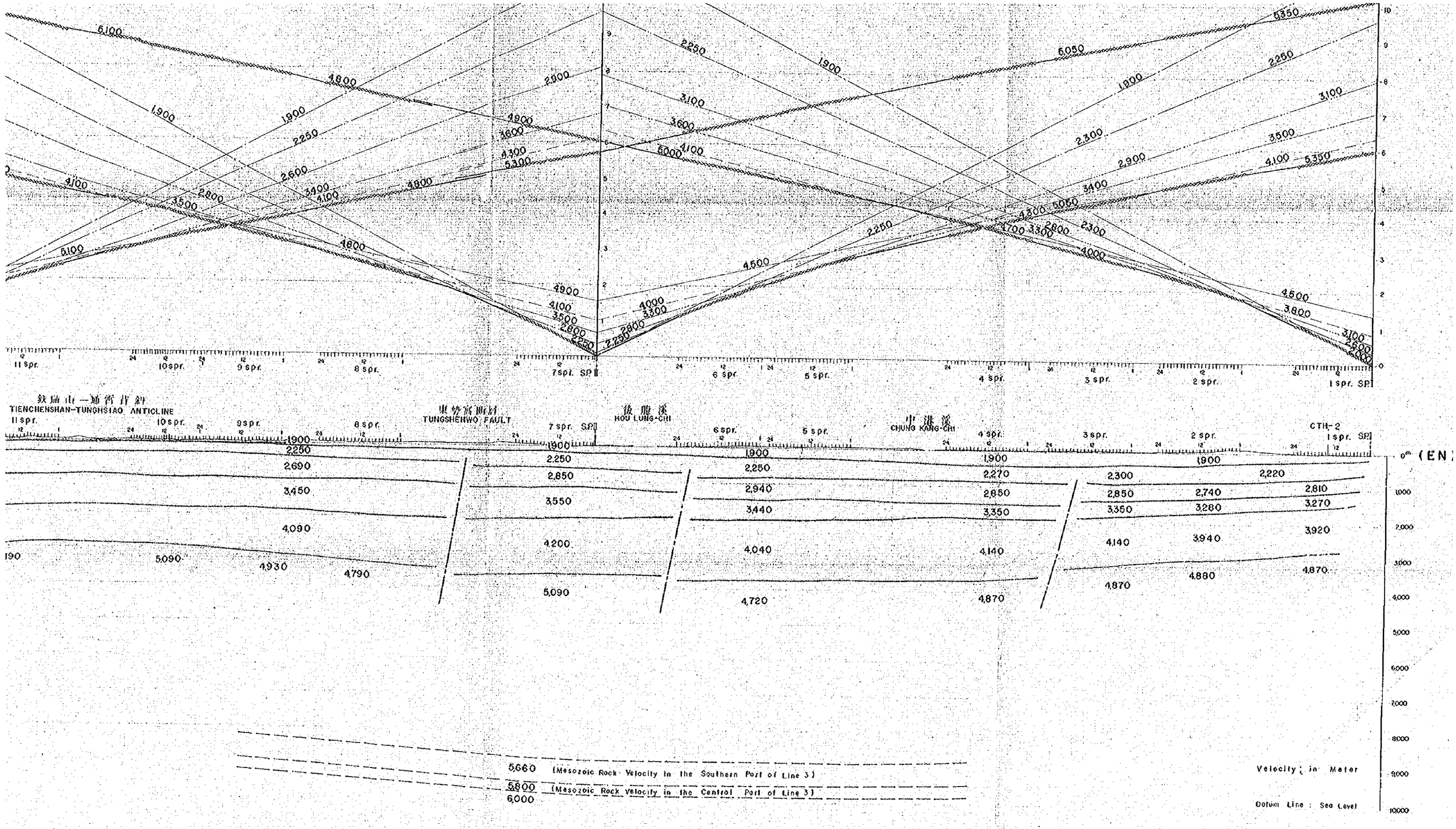
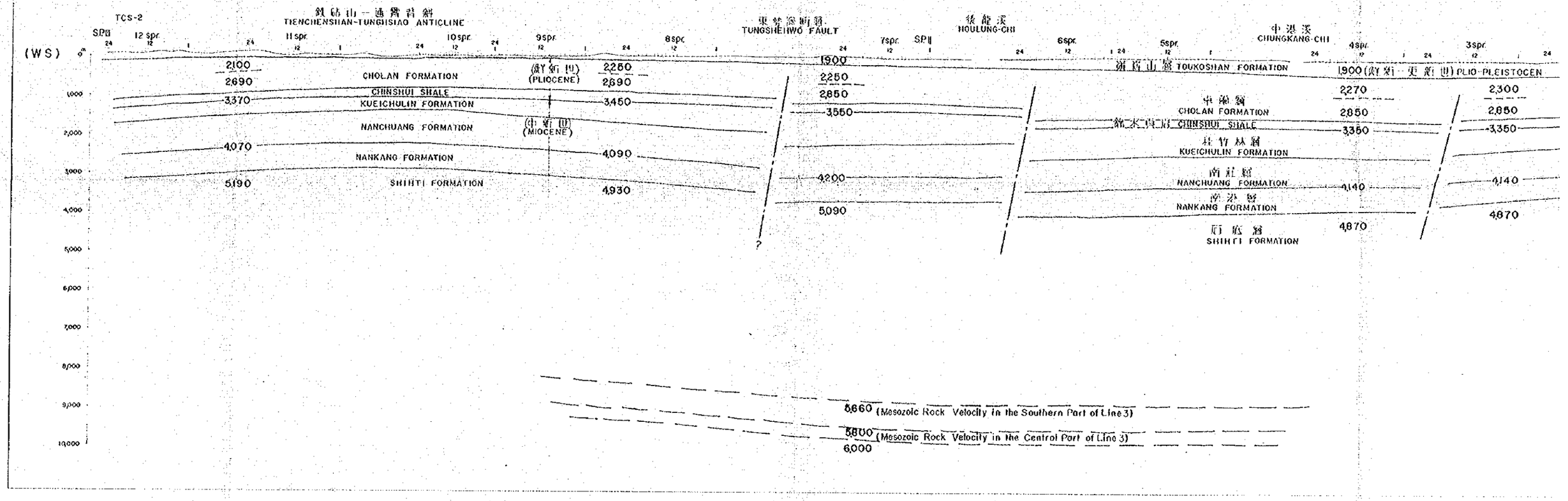


Plate 12. TRAVEL-TIME CURVES AND SEISMIC REFRACTION PROFILE OF TRAVERSE LINE 1

Plate 13. GEOLOGIC INTERPRETATION ON SEISMIC REFRACTION PROFILE OF TRAVERSE LINE 1



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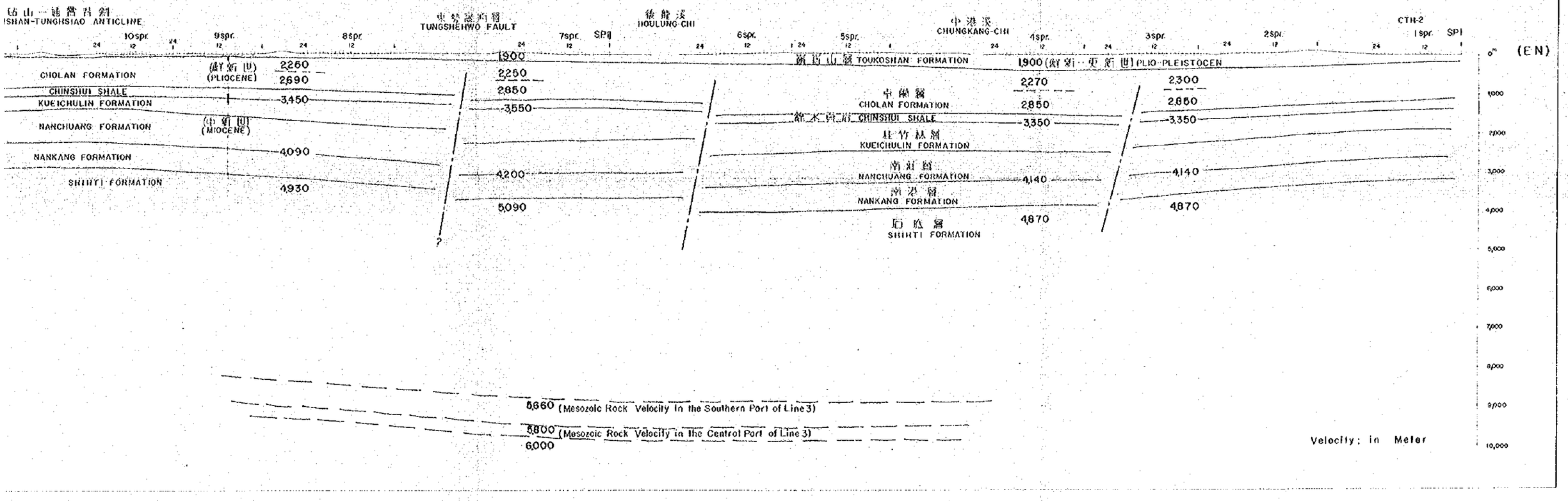
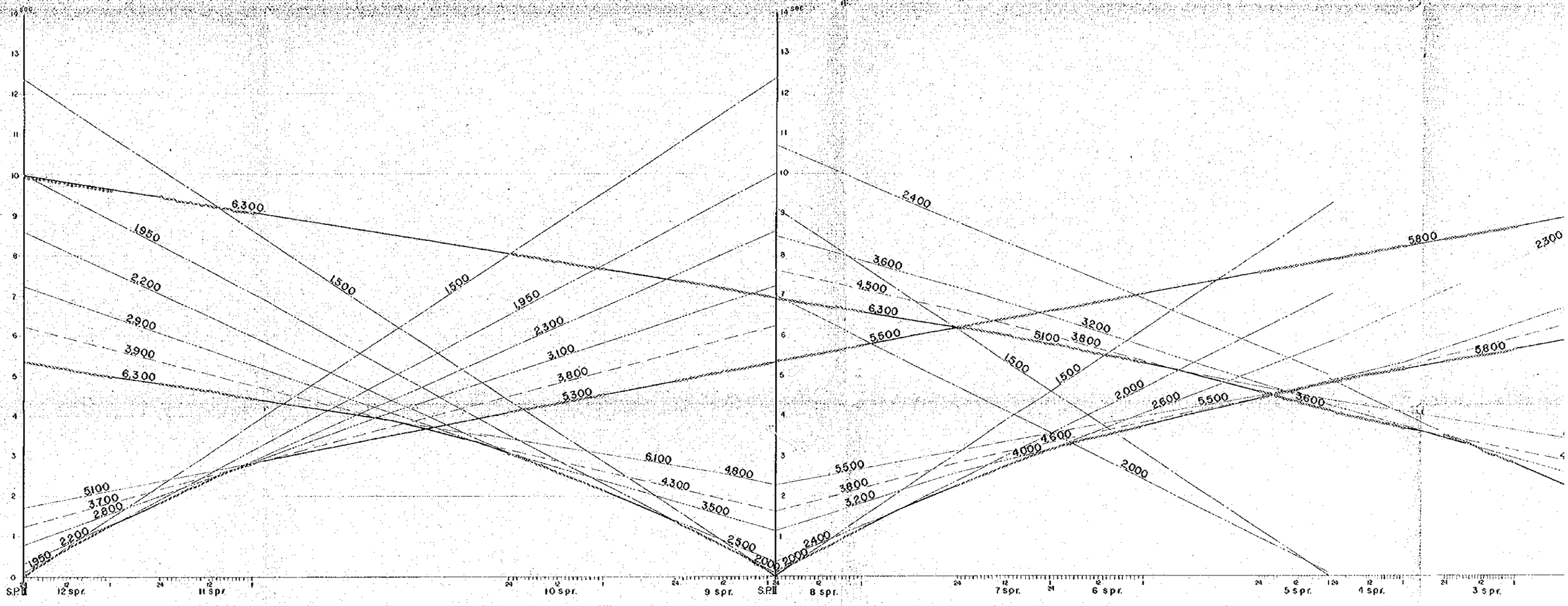


Plate 13. GEOLOGIC INTERPRETATION ON SEISMIC REFRACTION PROFILE OF TRAVERSE LINE 1

Plate 14. TRAVEL-TIME CURVES AND SEISMIC REFRACTION PROFILE OF TRAVERSE LINE 3



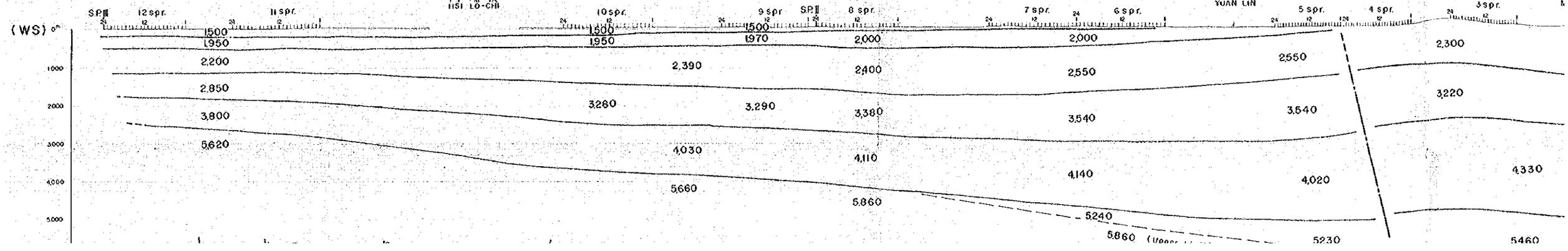
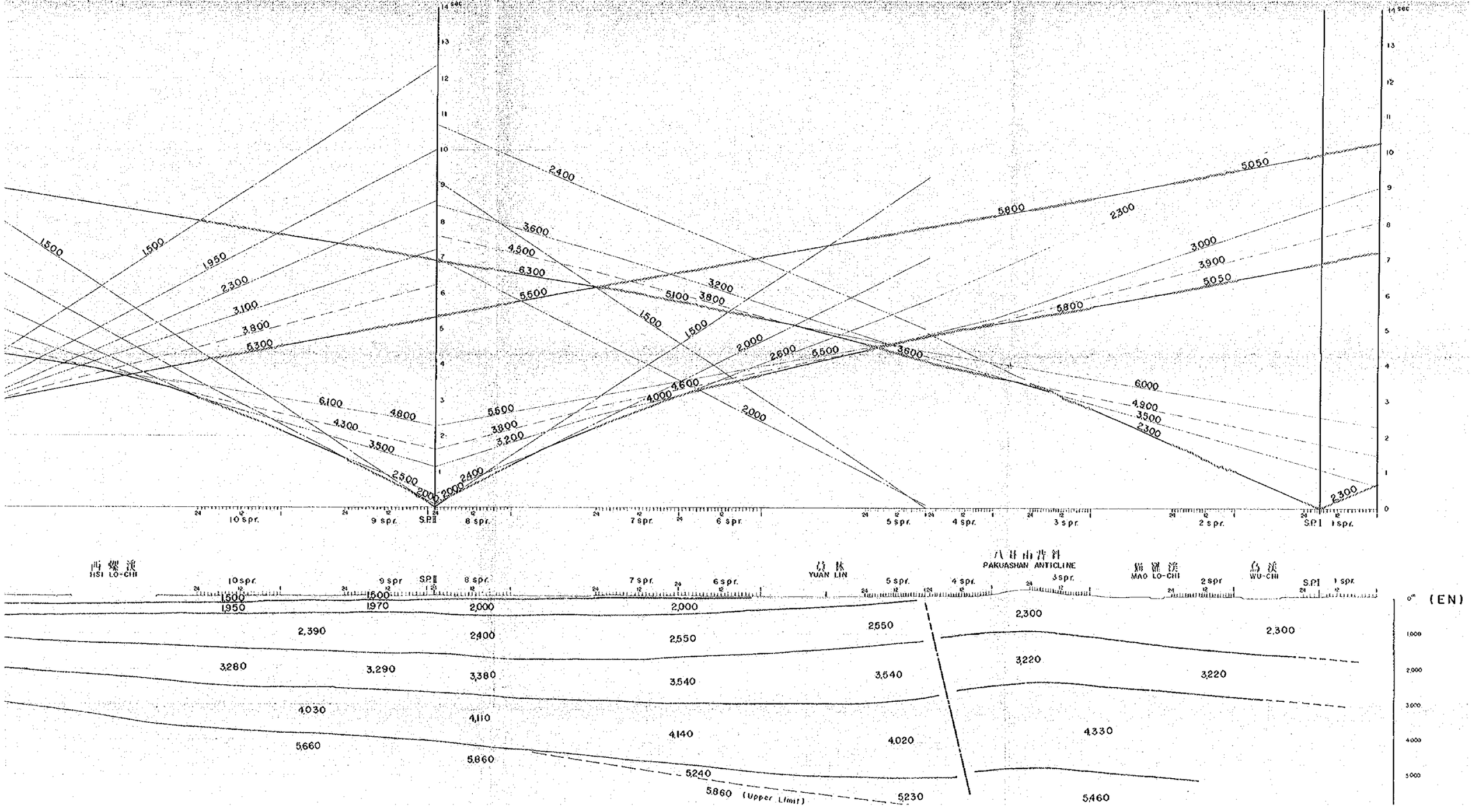
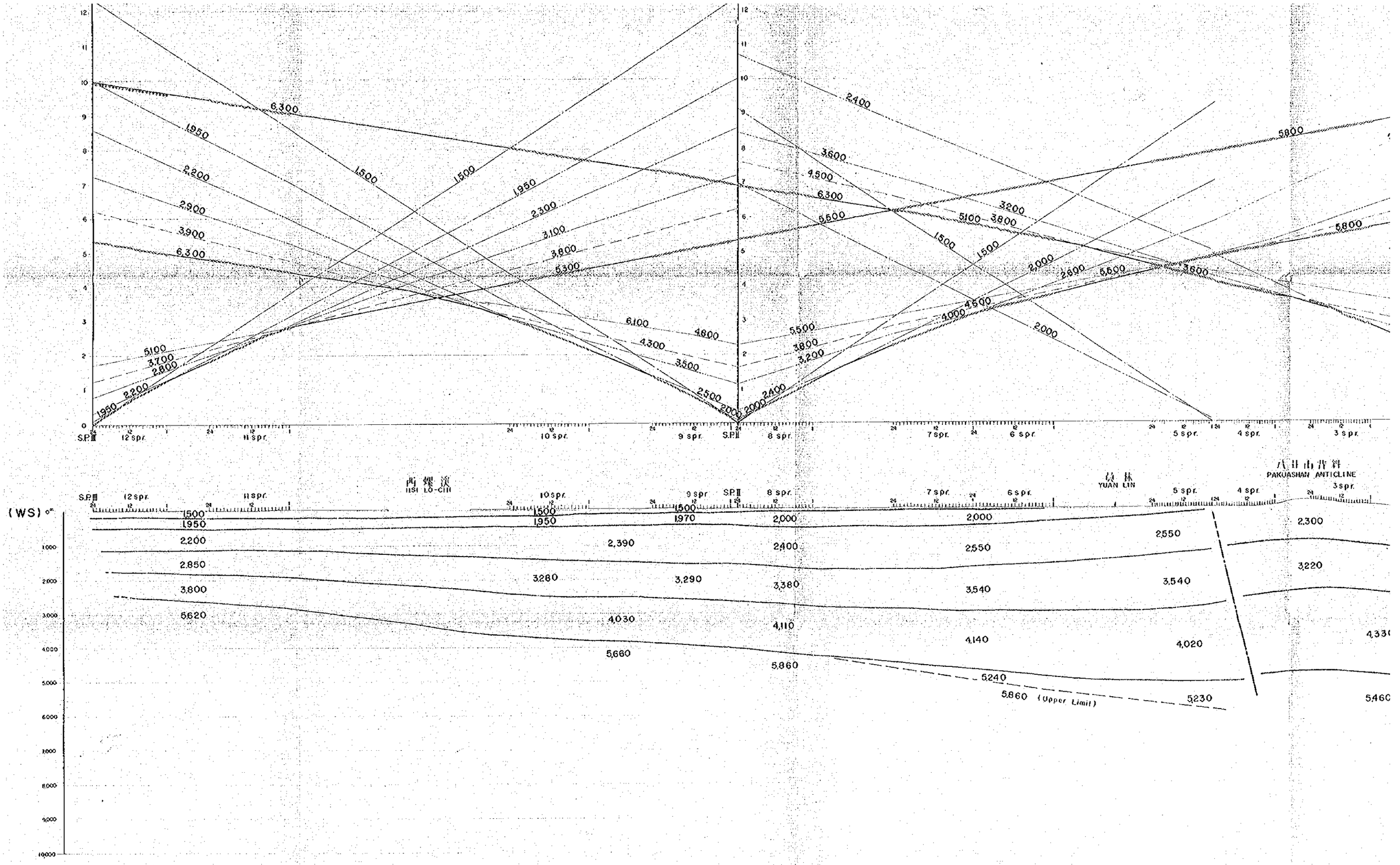


Plate 14. TRAVEL-TIME CURVES AND SEISMIC REFRACTION PROFILE OF TRAVERSE LINE 3




S.P.II
12 spr.
11 spr.
10 spr.
9 spr.
S.P.II
8 spr.
7 spr.
6 spr.
5 spr.
4 spr.
3 spr.
6,300
1,950
1,500
2,200
2,900
3,900
6,300
1,500
1,950
2,300
3,100
3,800
5,300
6,100
4,800
4,300
3,500
2,500
2,000
5,100
3,700
2,800
1,950
2,200
2,400
3,600
4,500
6,300
5,600
3,200
5,100
3,800
5,800
1,500
1,500
2,000
2,600
5,600
3,600
4,000
4,500
5,500
3,800
3,200
2,000
2,400
(WS)
HSI LO-CHI
YUAN LIN
PAKUASHAN ANTICLINE
1,500
1,950
2,200
2,850
3,800
5,620
1,500
1,950
2,390
3,280
4,030
5,660
1,500
1,970
2,400
3,290
4,110
5,860
2,000
2,550
3,540
4,140
5,240
5,860 (Upper Limit)
2,000
2,550
3,540
4,020
5,230
2,300
3,220
4,330
5,460

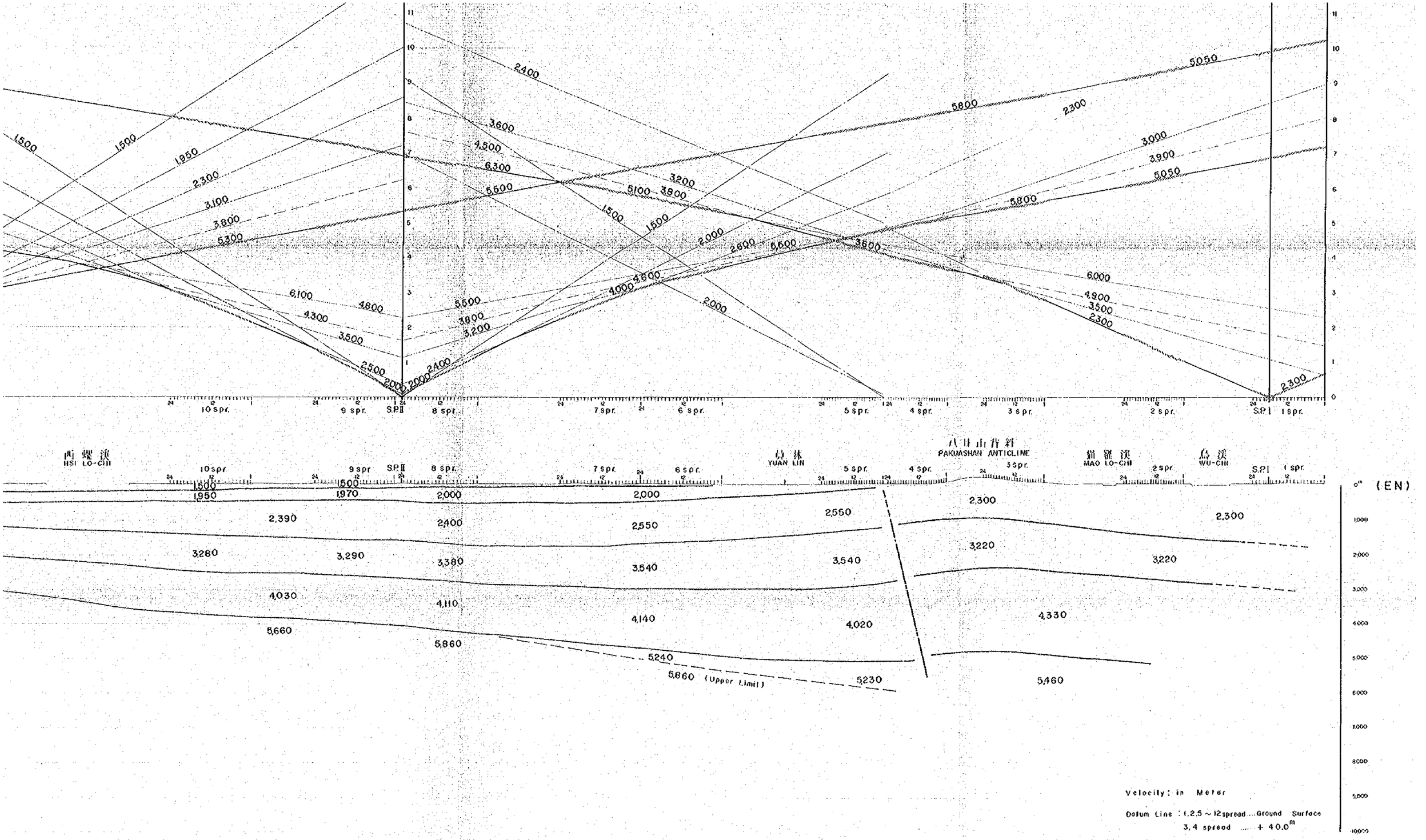


Plate 14. TRAVEL-TIME CURVES AND SEISMIC REFRACTION PROFILE OF TRAVERSE LINE 3

Plate 15. GEOLOGIC INTERPRETATION ON SEISMIC REFRACTION PROFILE OF TRAVERSE LINE 3

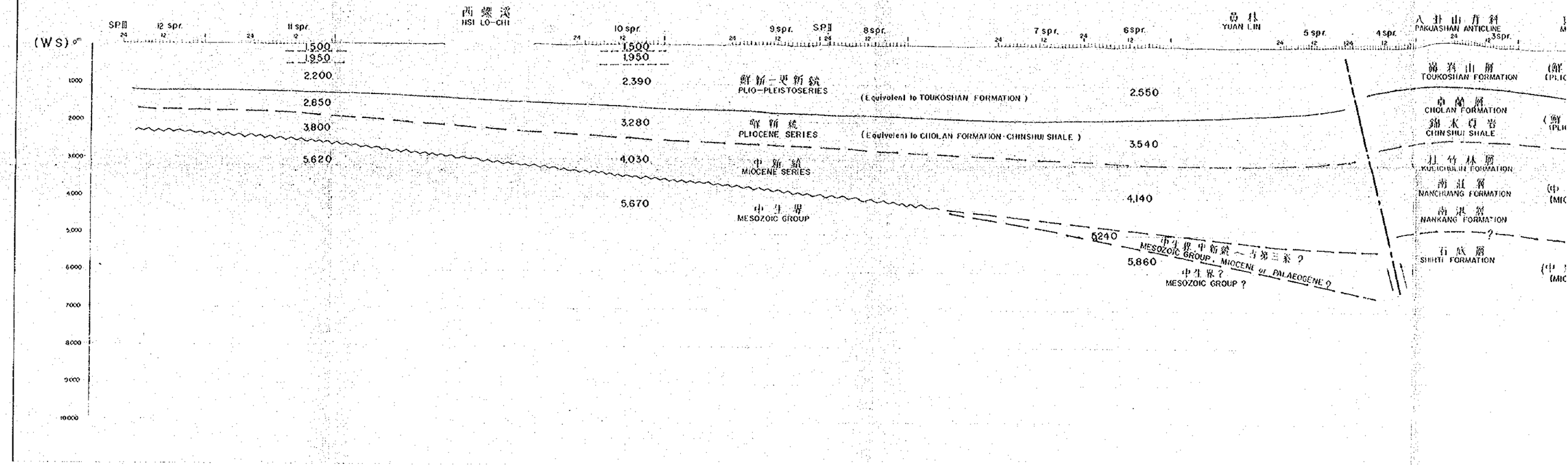


Plate 15. GEOLOGIC INTERPRETATION ON SEISMIC REFRACTION PROFILE OF TRAVERSE LINE 3

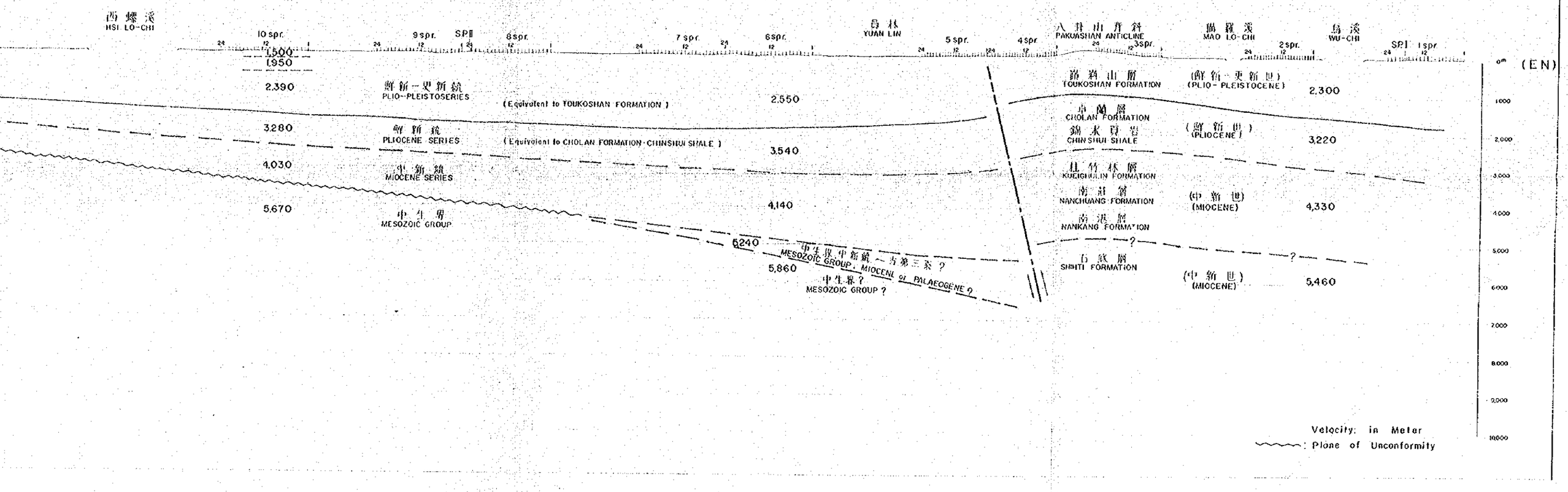
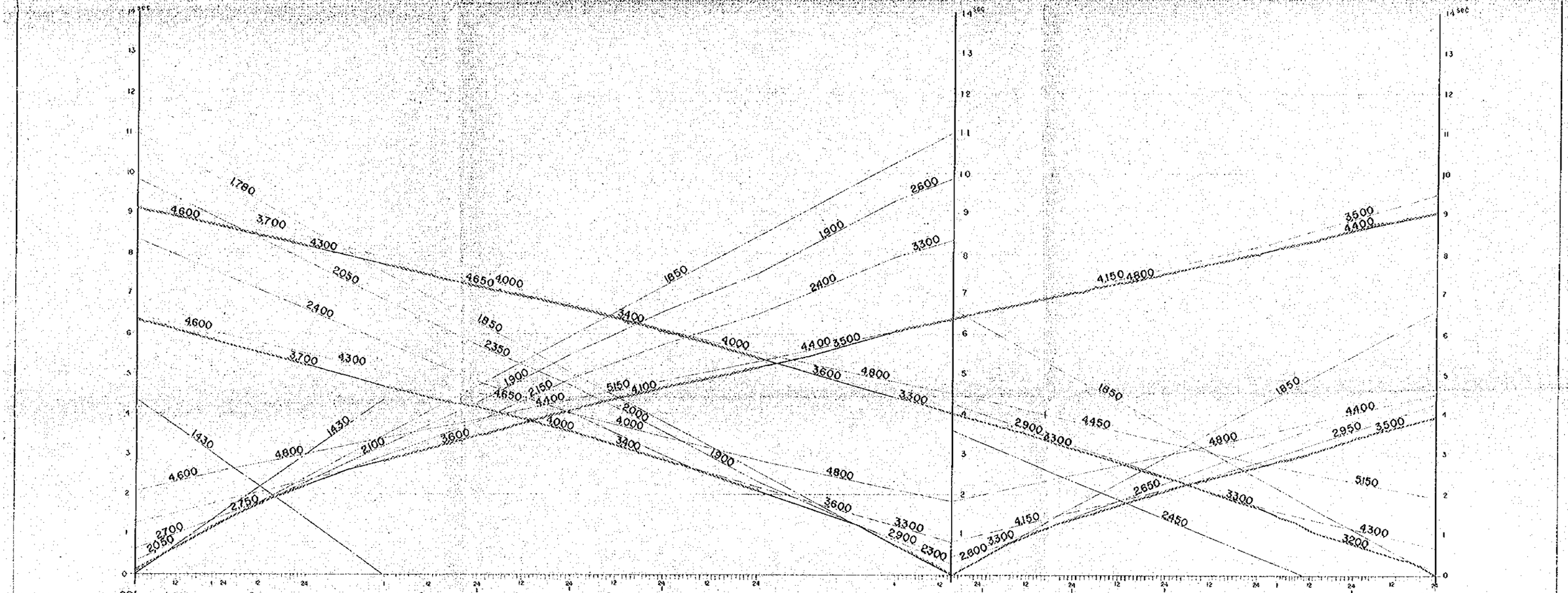
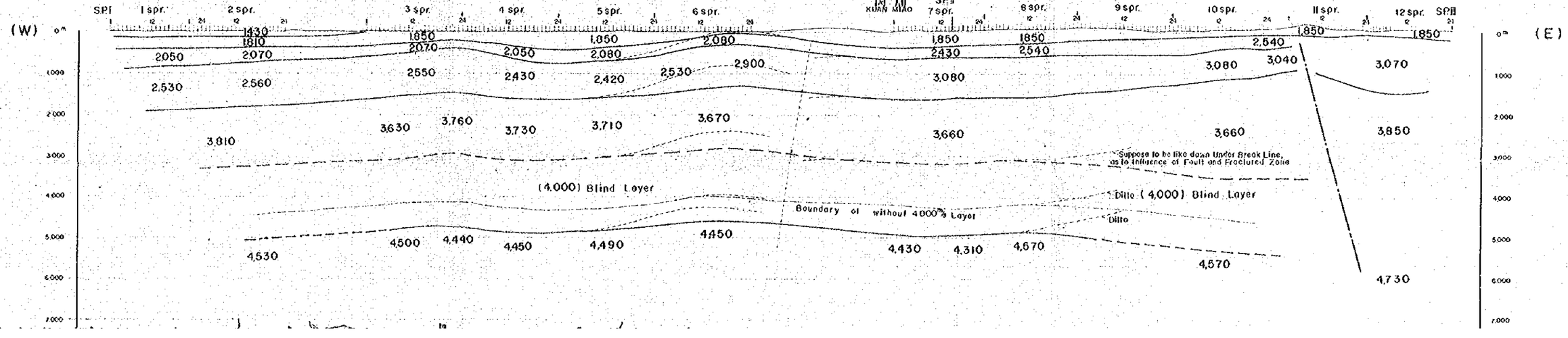


Plate 15. GEOLOGIC INTERPRETATION ON SEISMIC REFRACTION PROFILE OF TRAVERSE LINE 3

Plate 16. TRAVEL-TIME CURVES AND SEISMIC REFRACTION PROFILE OF TRAVERSE LINE 4





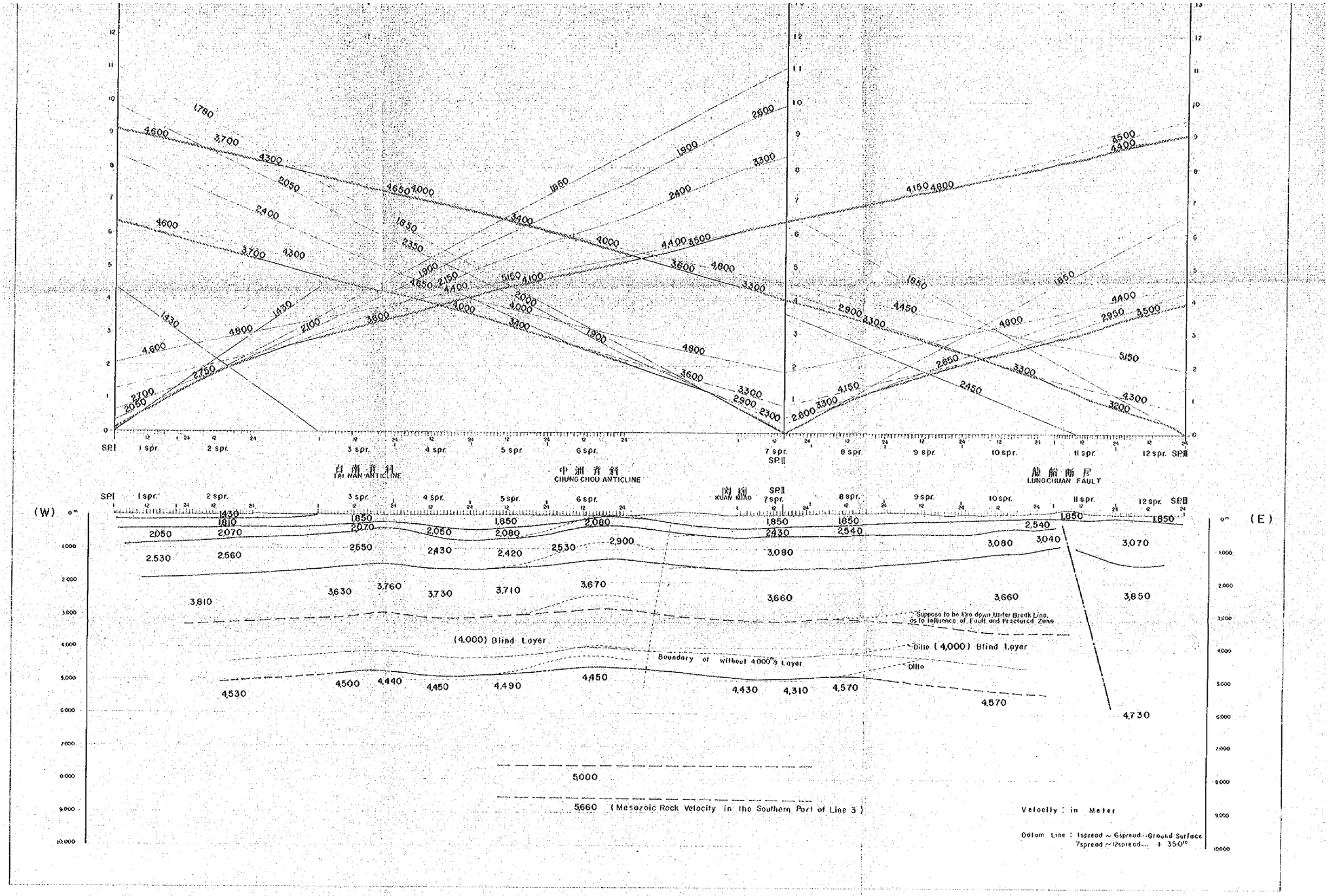


Plate 16. TRAVEL-TIME CURVES AND SEISMIC REFRACTION PROFILE OF TRAVERSE LINE 4

Plate 17. GEOLOGIC INTERPRETATION ON SEISMIC REFRACTION PROFILE OF TRAVERSE LINE 4

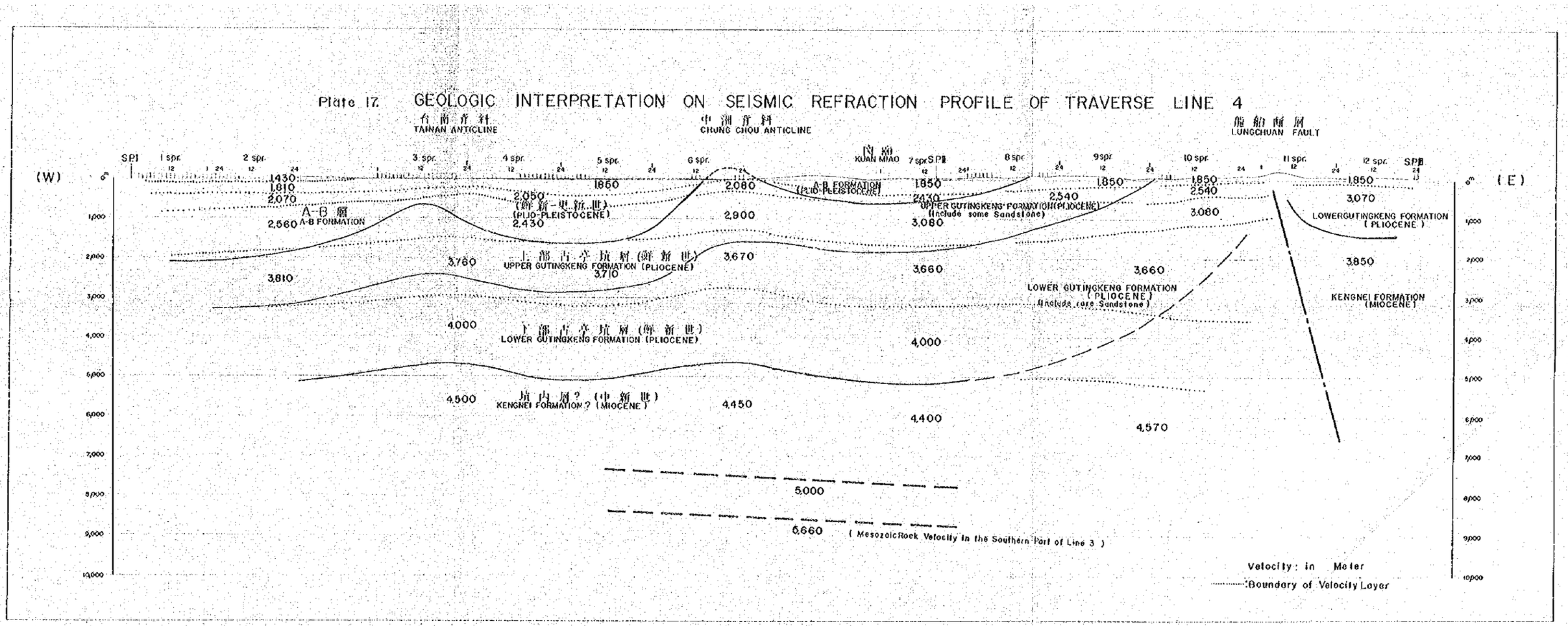
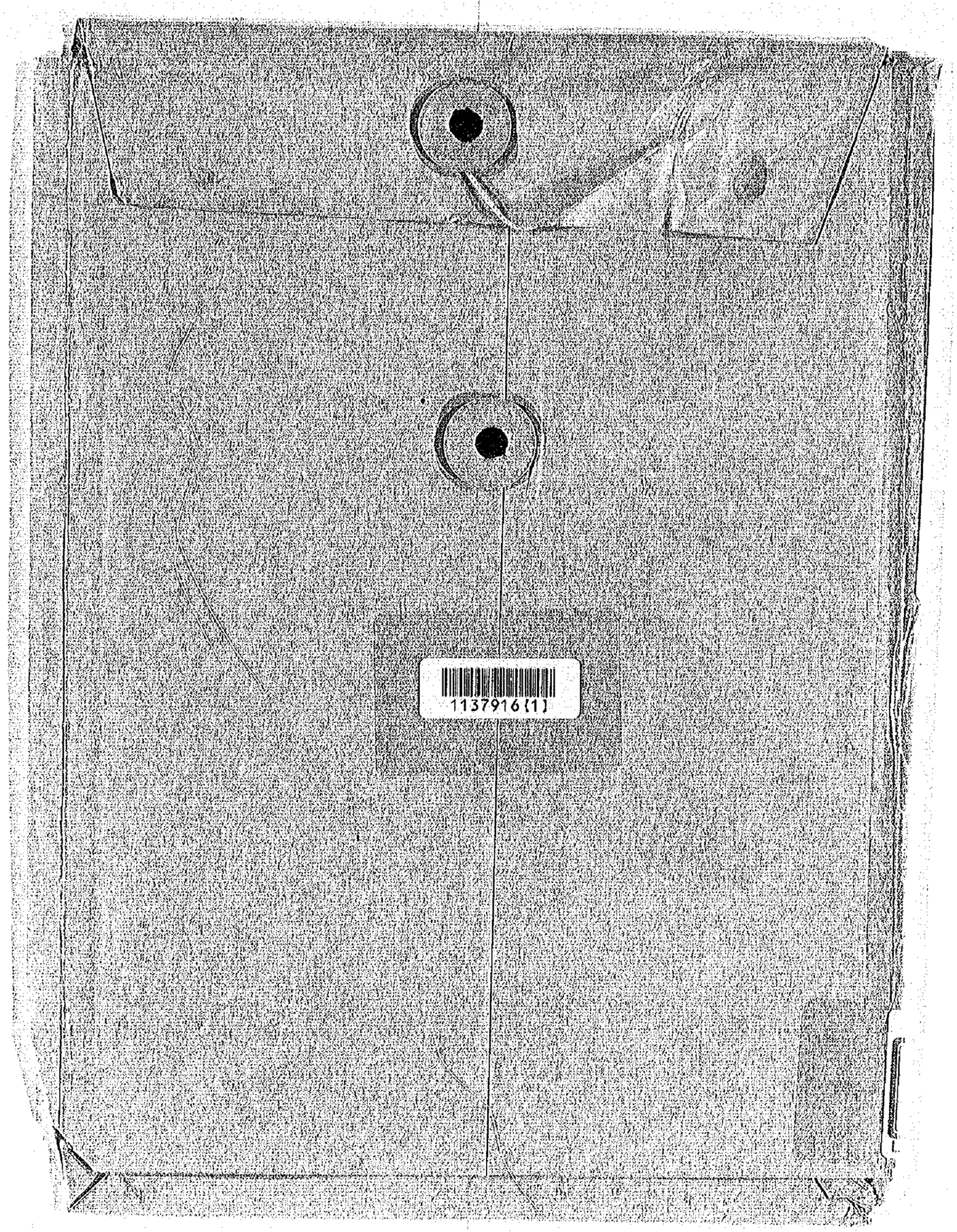


Plate 17. GEOLOGIC INTERPRETATION ON SEISMIC REFRACTION PROFILE OF TRAVERSE LINE 4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