

Figures

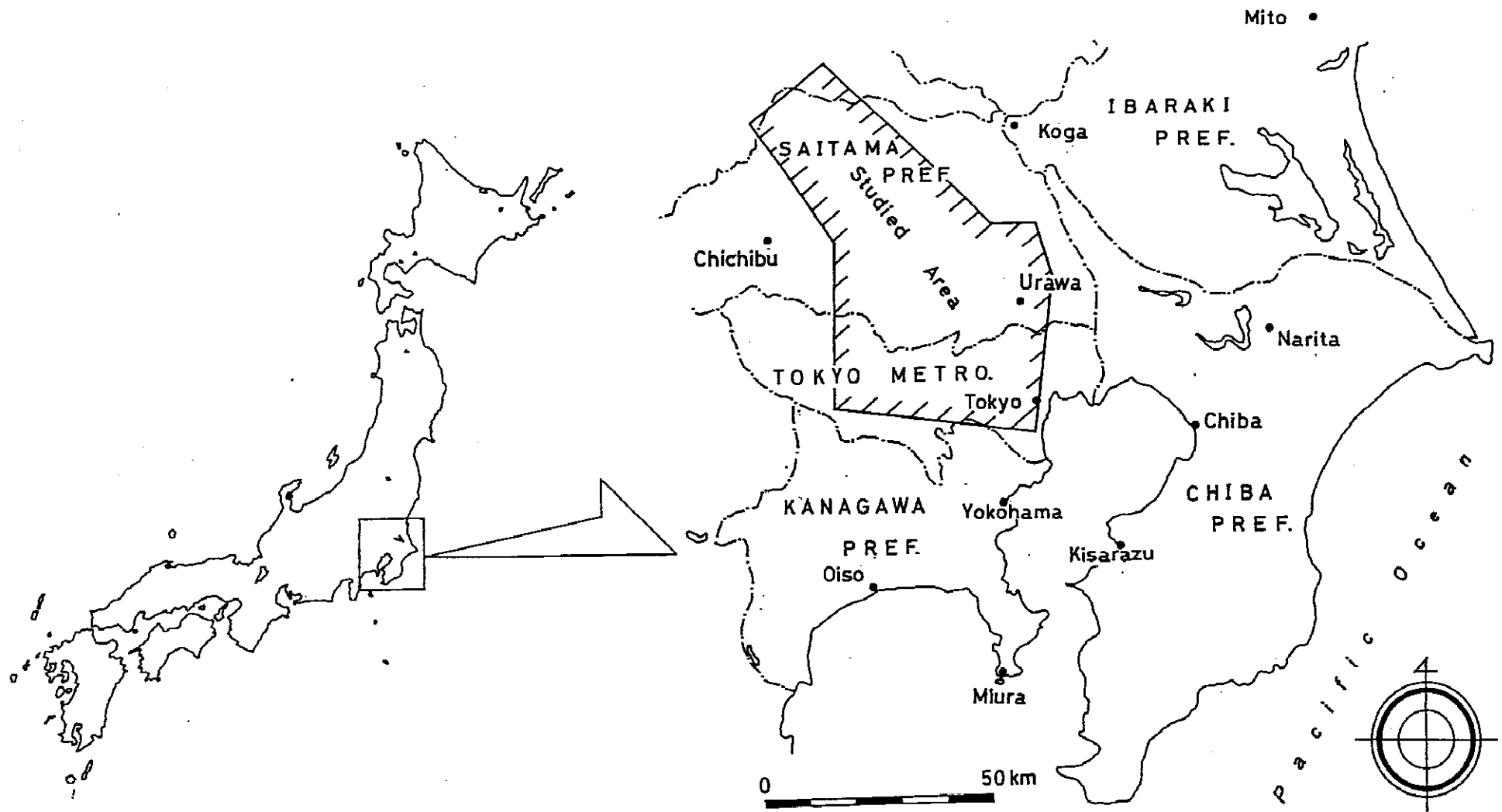


Figure 1-1. Index map of studied area.

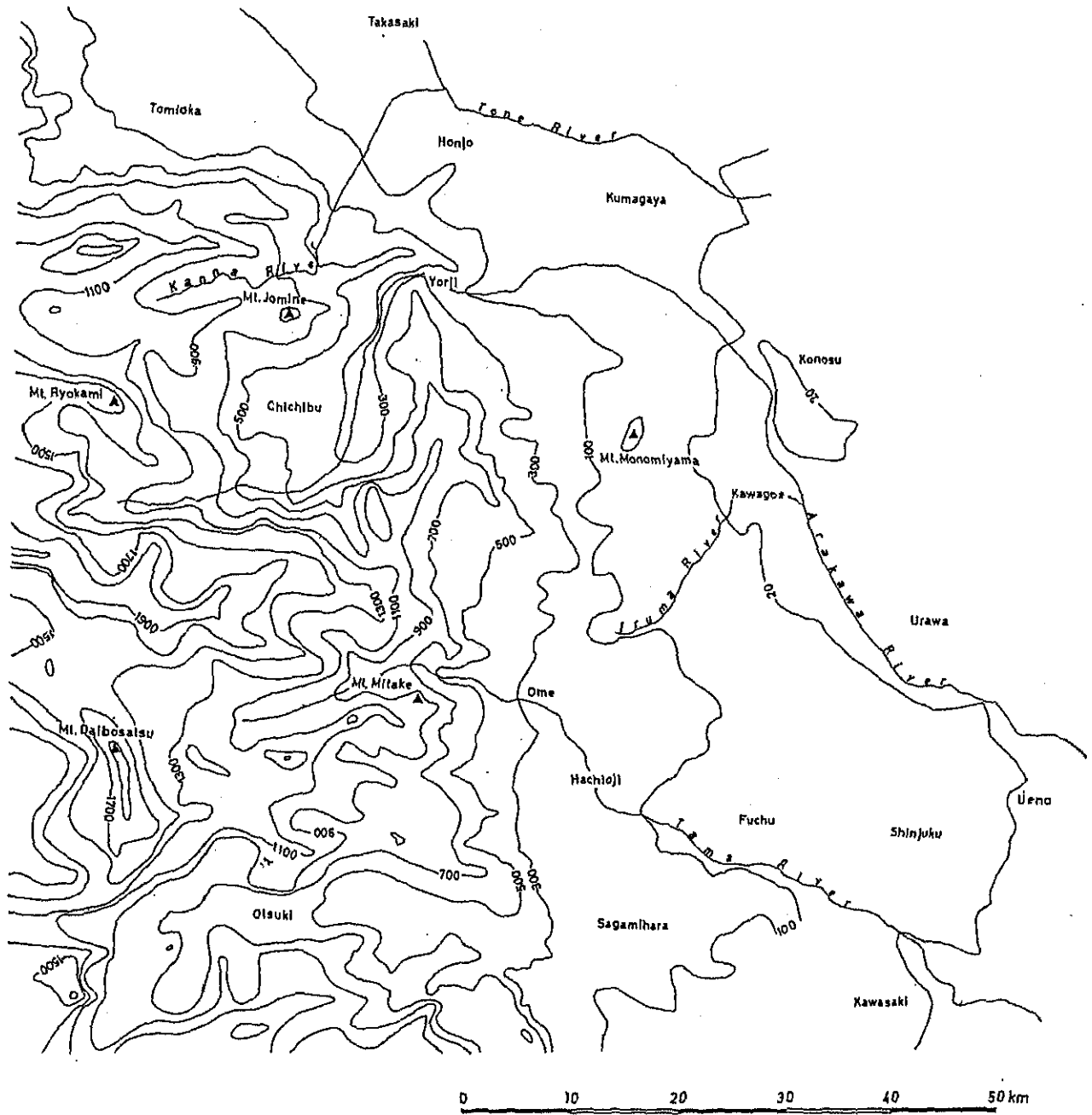


Figure 2-1. Summit level of the studied area and the eastern part of the Kanto Mountains.



Figure 2-2. Contour map.

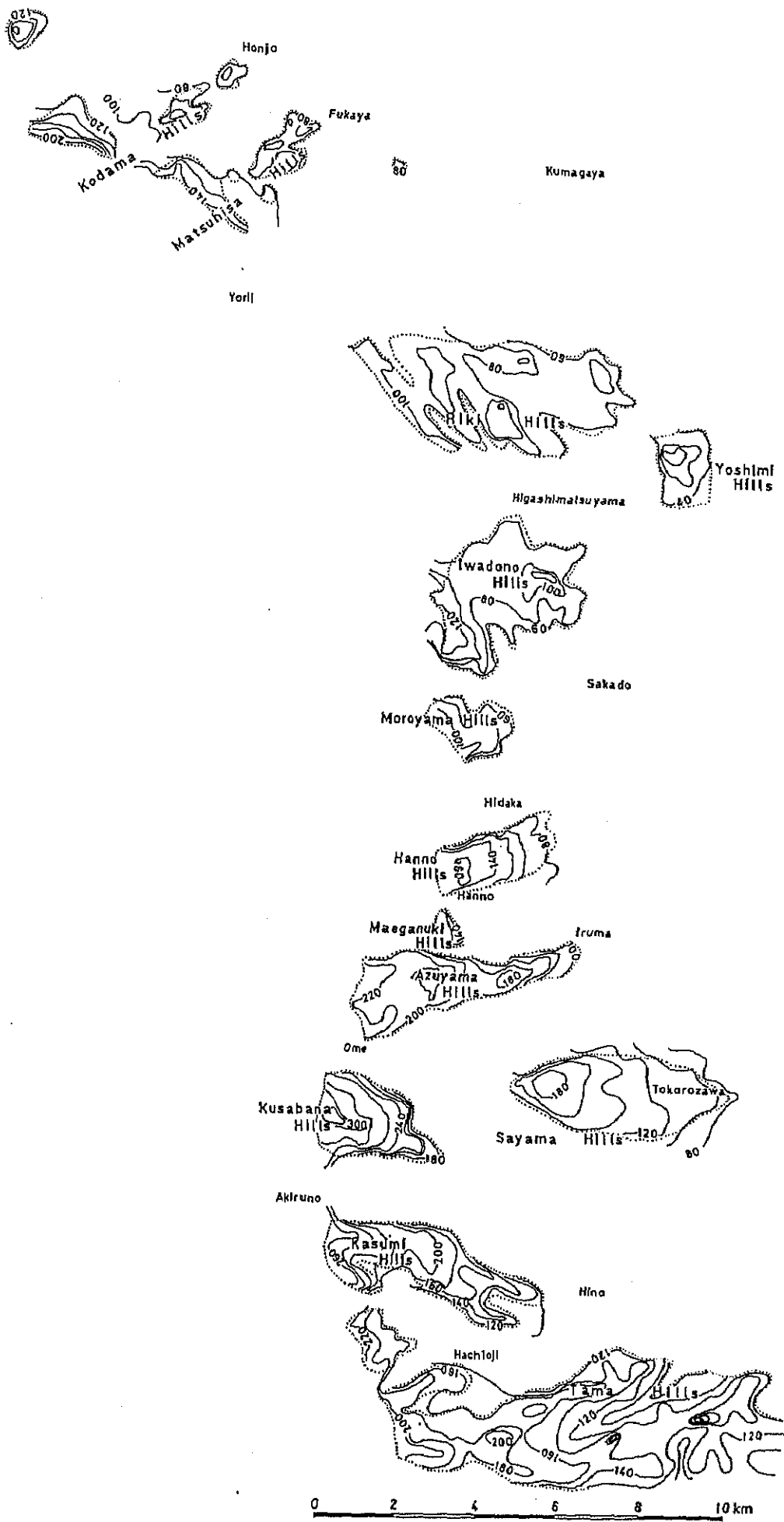


Figure 2-3. Summit level of hills.

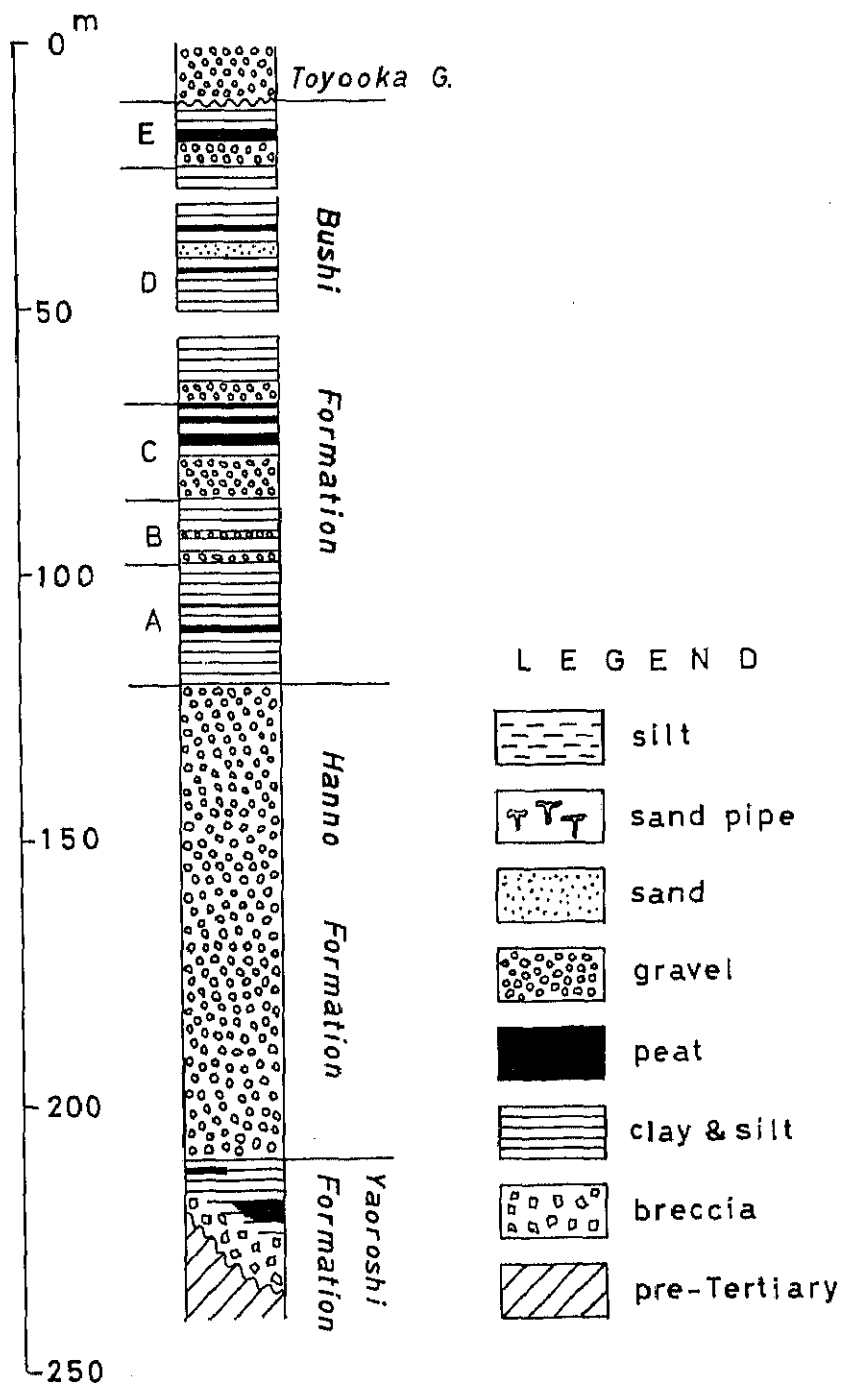


Figure 3-1. Columnar section of the Yaoroshi, Hanno and Bushi Formations.

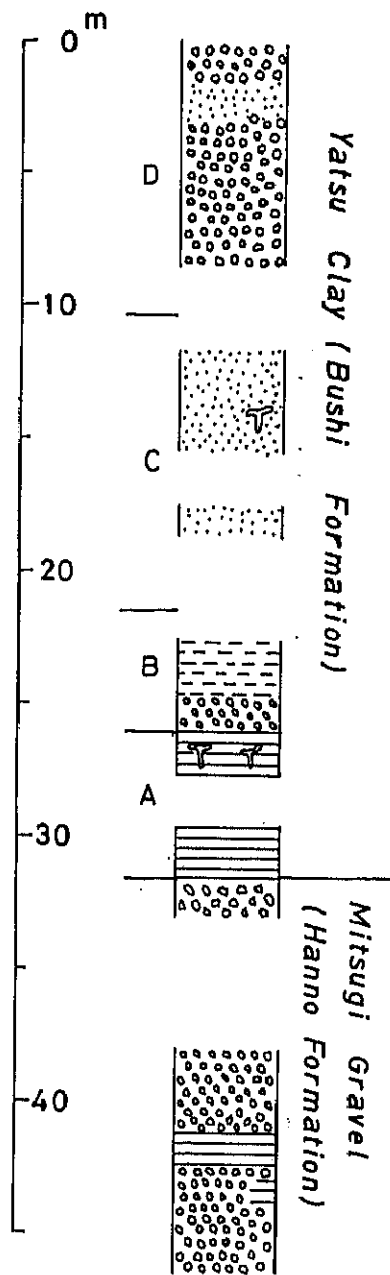


Figure 3-2. Hano and Bushi Formations in the Sayama Hills.



Figure 3-3. Distribution of the Yaoroshi, Hanno and Bushi Formations and their Equivalents.

A-A', B-B', C-C', D-D', E-E', F-F', G-G', H-H' and I-I' are base lines for cross sections in Figures 3-4-1 and 3-4-2.

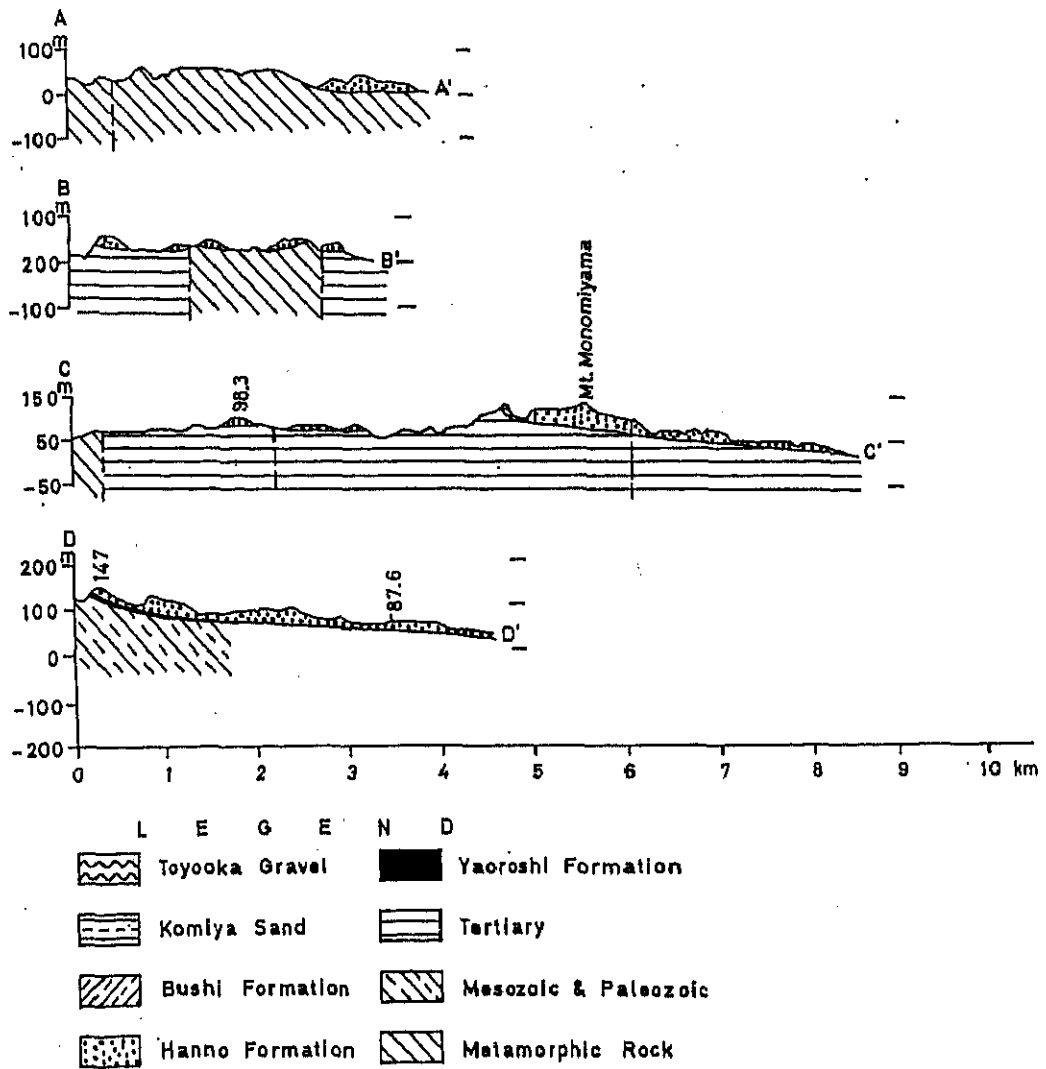


Figure 3-4-1. Cross sections of the Yaoroshi, Hanno and Bushi Formations and their equivalents (northern part).

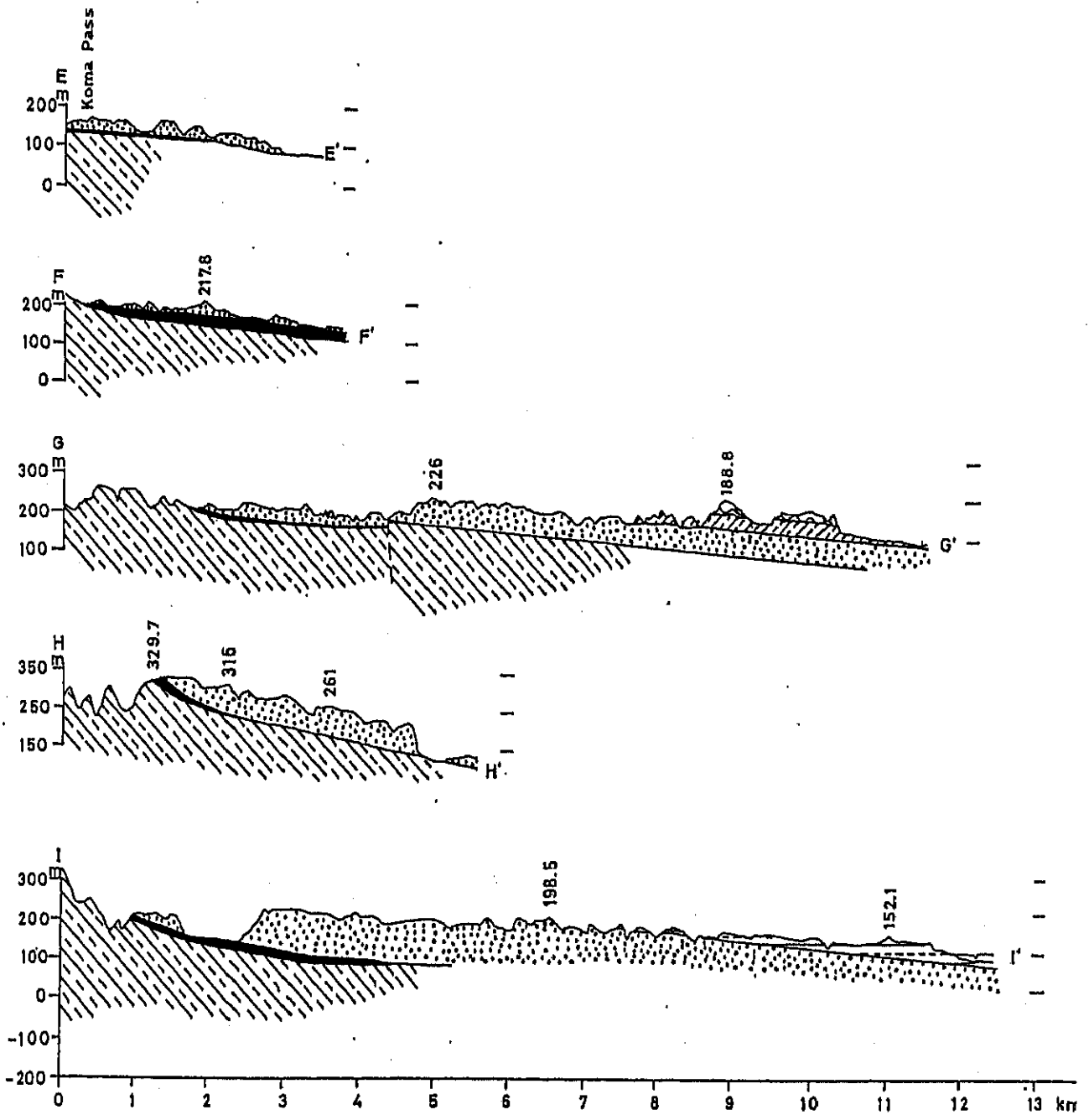


Figure 3-4-2. Cross sections of the Yaoroshi, Hanno and Bushi Formations and their equivalents (southern part).

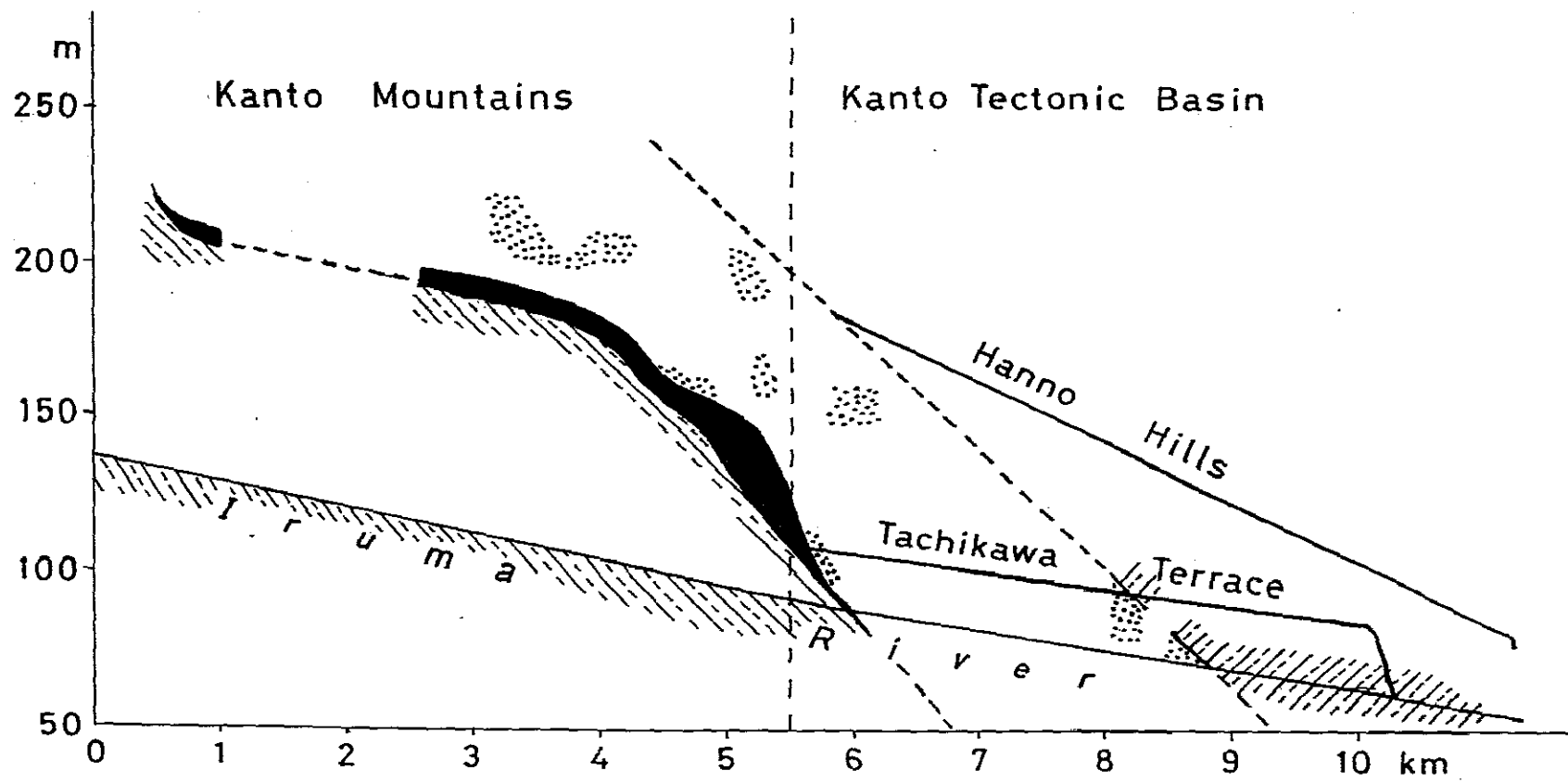
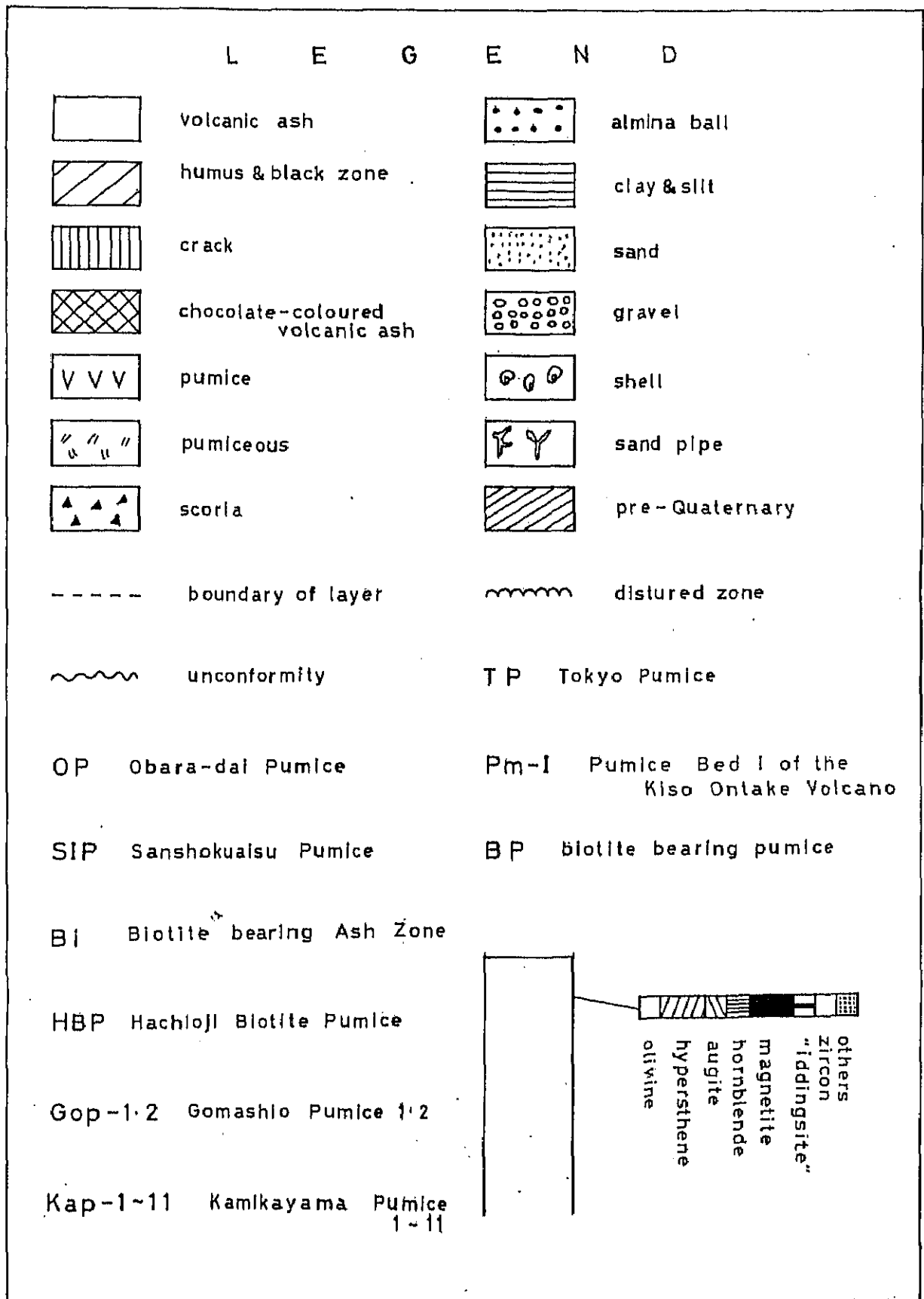


Figure 3-5. Inclination of the Yaoroshi, Hanno and Bushi Formations of the Kanto Mountains in Hanno City. Symbols are the same as in Figure 3-4-1.



Legend for columnar sections

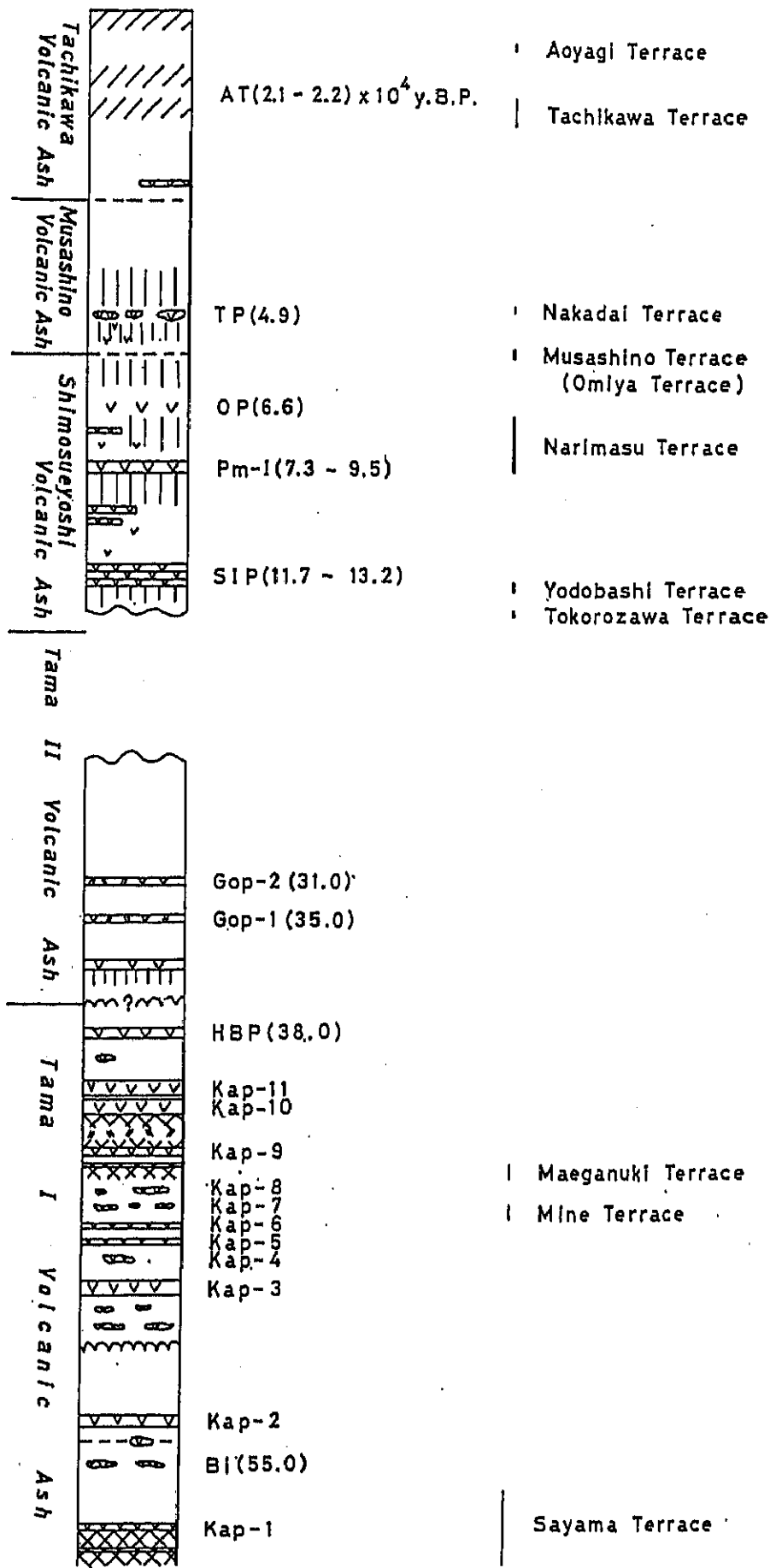
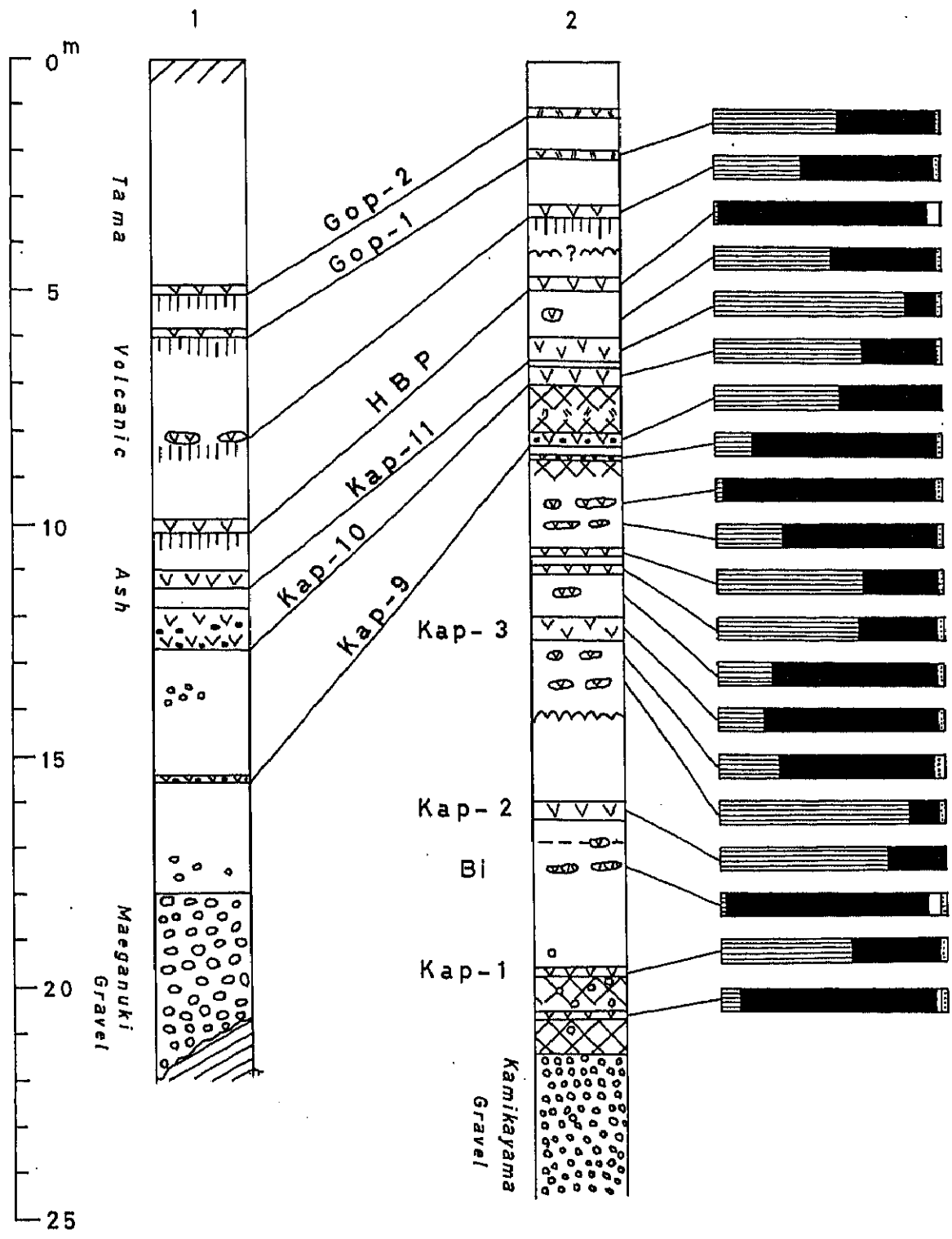


Figure 4-1. Standard columnar section of the Kanto Volcanic Ash and corresponding horizon of terraces.



1 Maeganuki, Hanno City
 2 Clay Pit, Kamikayama, Hidaka City

Figure 4-2. Columnar sections of the Maeganuki (No.1) and Sayama (No.2) Terraces.

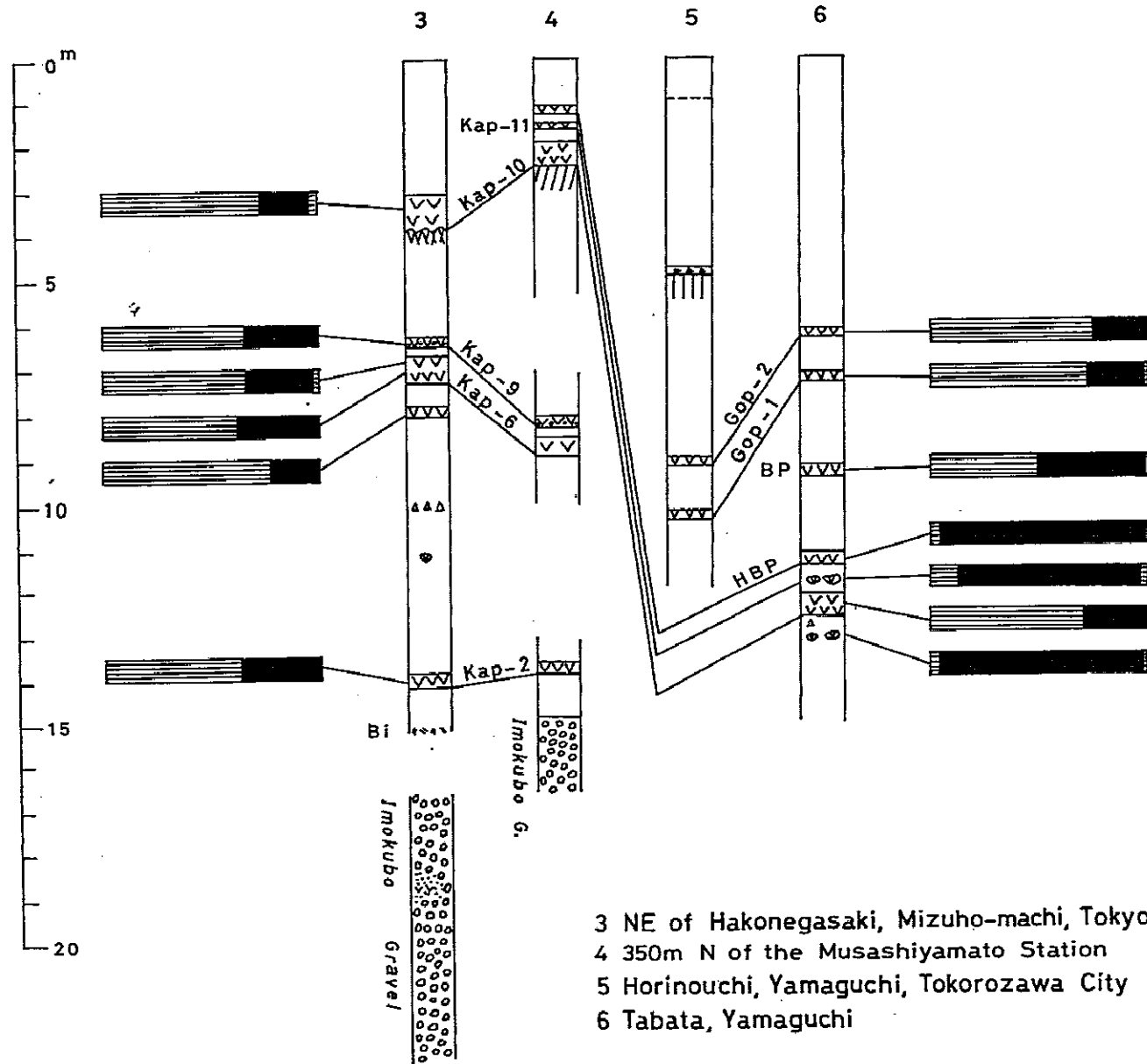


Figure 4-3. Columnar sections of the Sayama Terrace.

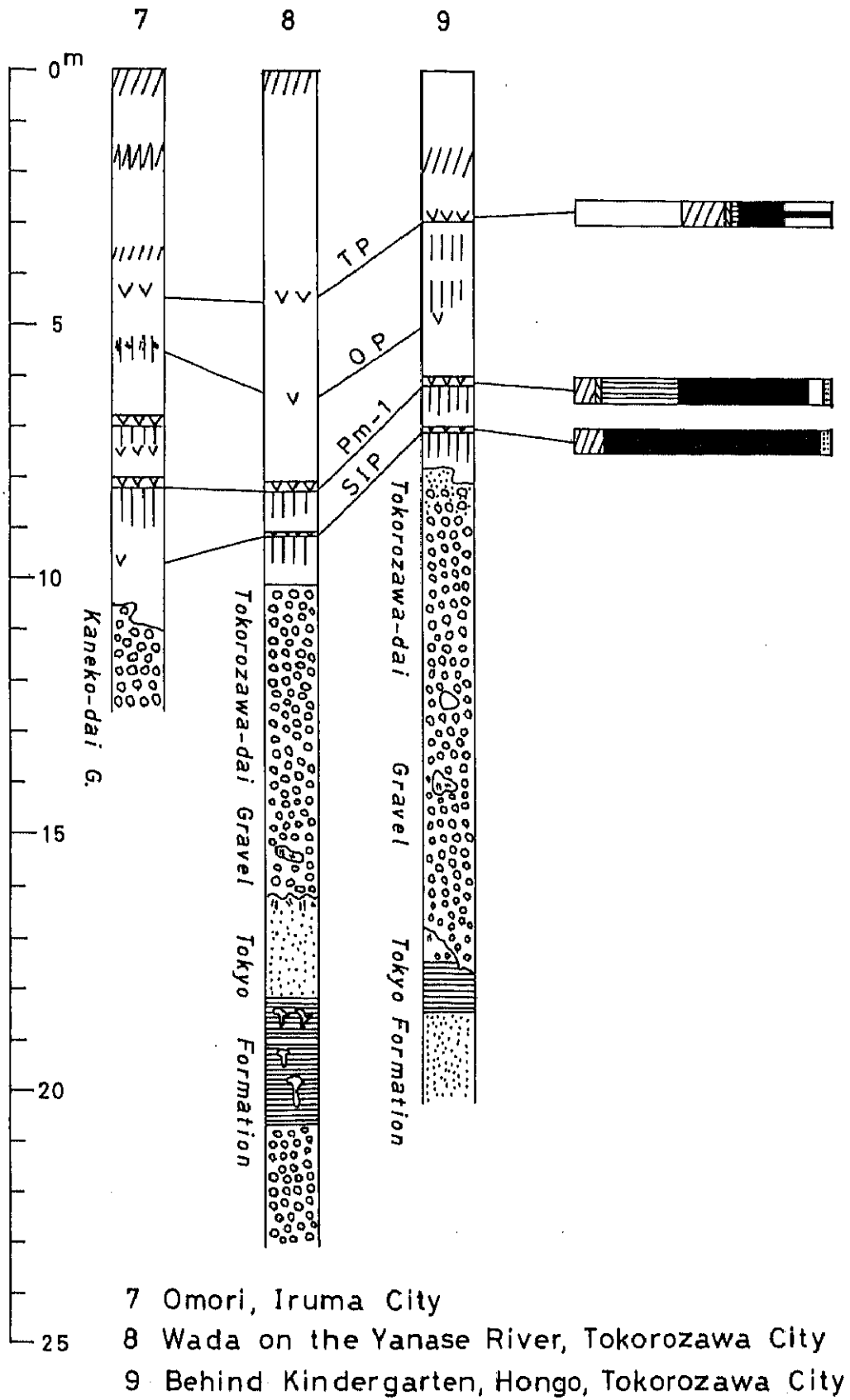


Figure 4-4. Columnar sections of the Tokorozawa Terrace.

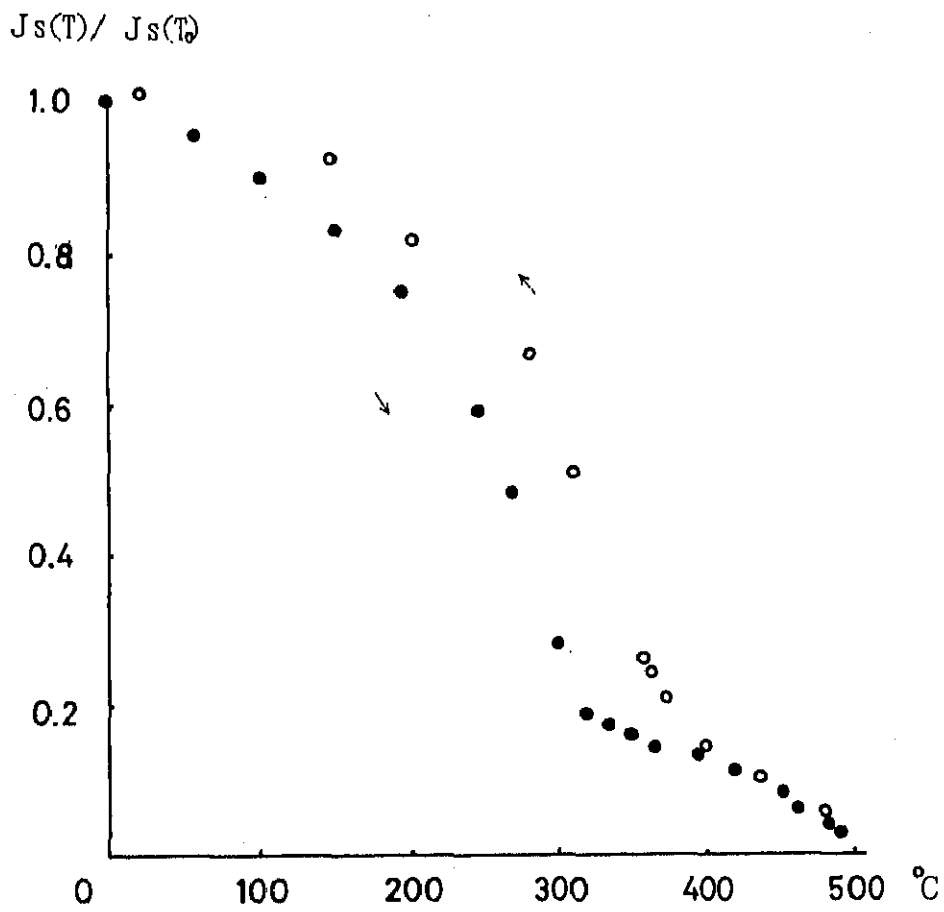
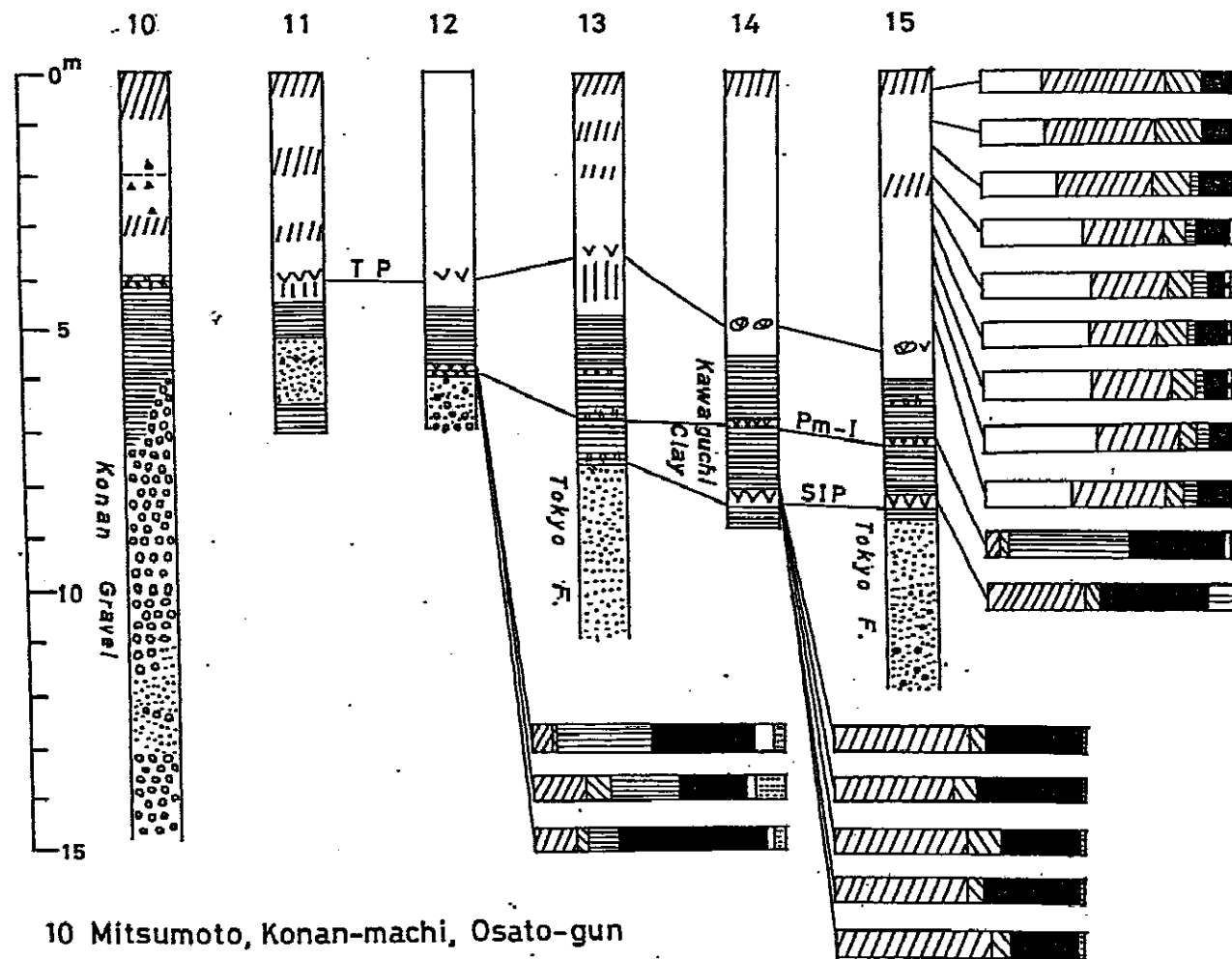
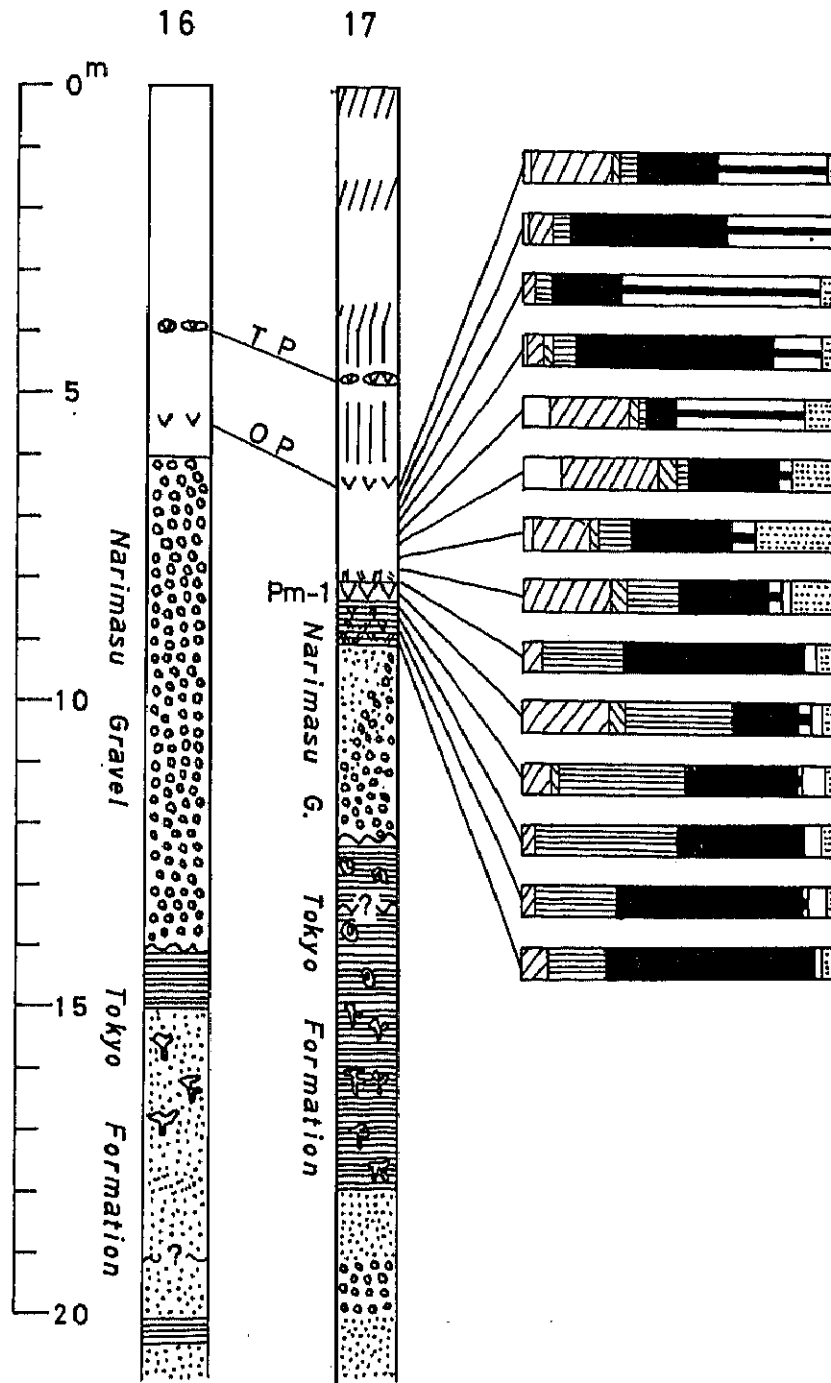


Figure 4-5. Thermal demagnetization curve of the SIP at Hongo in Tokorozawa City.



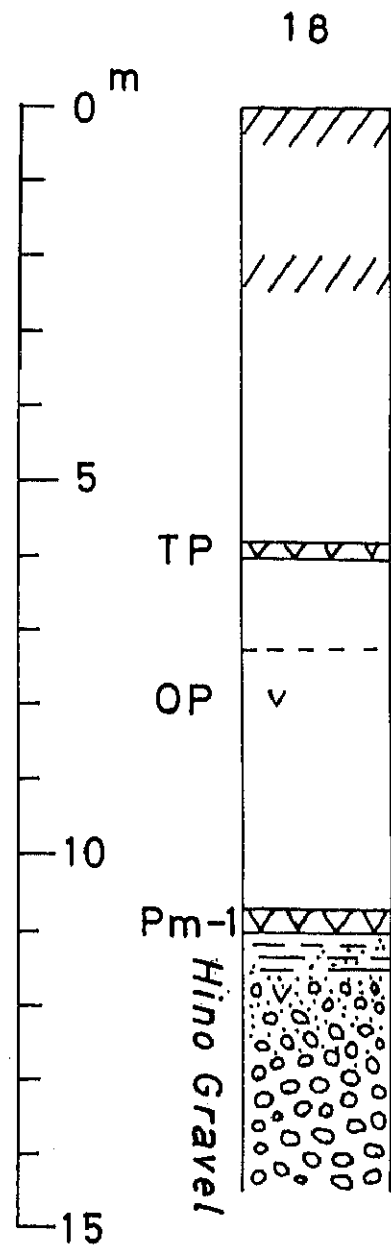
- 10 Mitsumoto, Konan-machi, Osato-gun
- 11 Osaki, Urawa City
- 12 Minamiurawa E. School, Urawa City
- 13 Angyo, Kawaguchi City
- 14 Akai, Kawaguchi City (Taiho Chemistry K.K.,)
- 15 Akai, Kawaguchi City

Figure 4-6. Columnar sections of the Omiya Terrace.



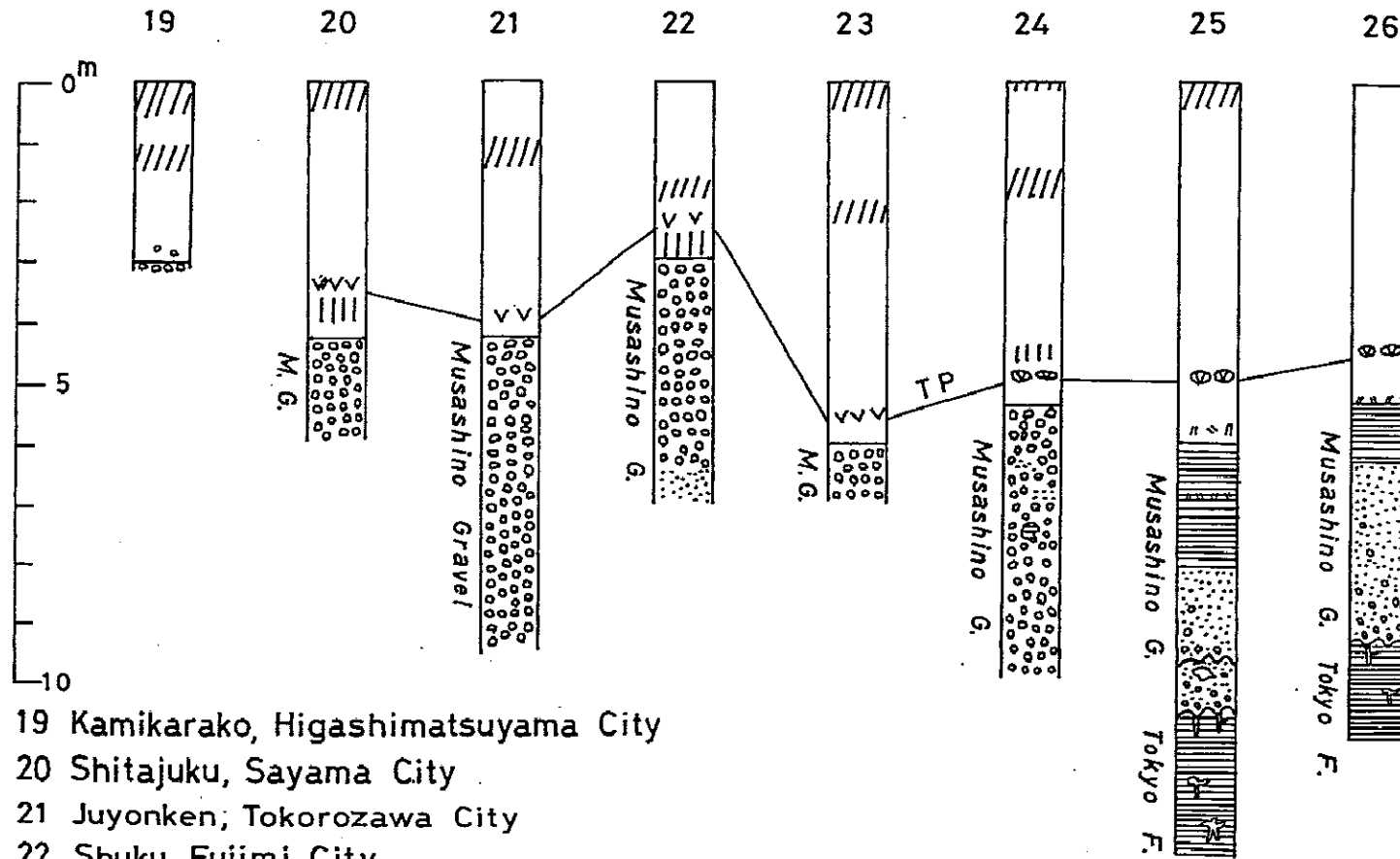
16 Sensui on the Kurome River, Asaka City
 17 Near Narimasu Kosei Hospital, Zoshiki,
 Narimasu-machi, Itabashi-ku

Figure 4-7. Columnar sections of the Narimasu Terrace.



18 Hino-dai, Hino City

Figure 4-8. Columnar section of the Narimasu Terrace at the Hino Plateau.



- 19 Kamikarako, Higashimatsuyama City
- 20 Shitajuku, Sayama City
- 21 Juyonken, Tokorozawa City
- 22 Shuku, Fujimi City
- 23 Owada, Niiza City
- 24 Akitsu, Kiyose City
- 25 Tokumaru-honmachi, Itabashi-ku
- 26 Azusawa, Kita-ku

Figure 4-9. Columnar sections of the Musashino Terrace.

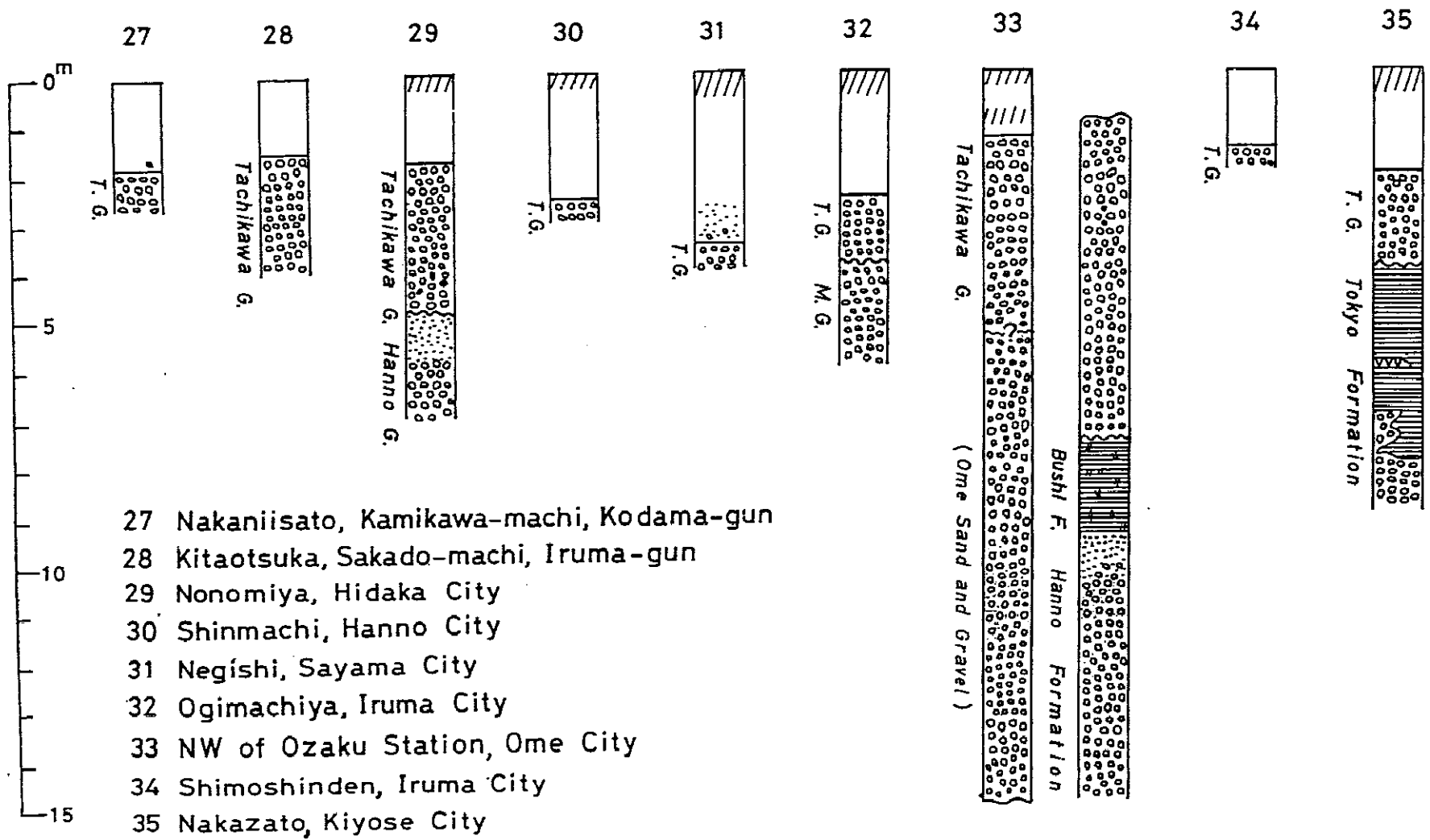
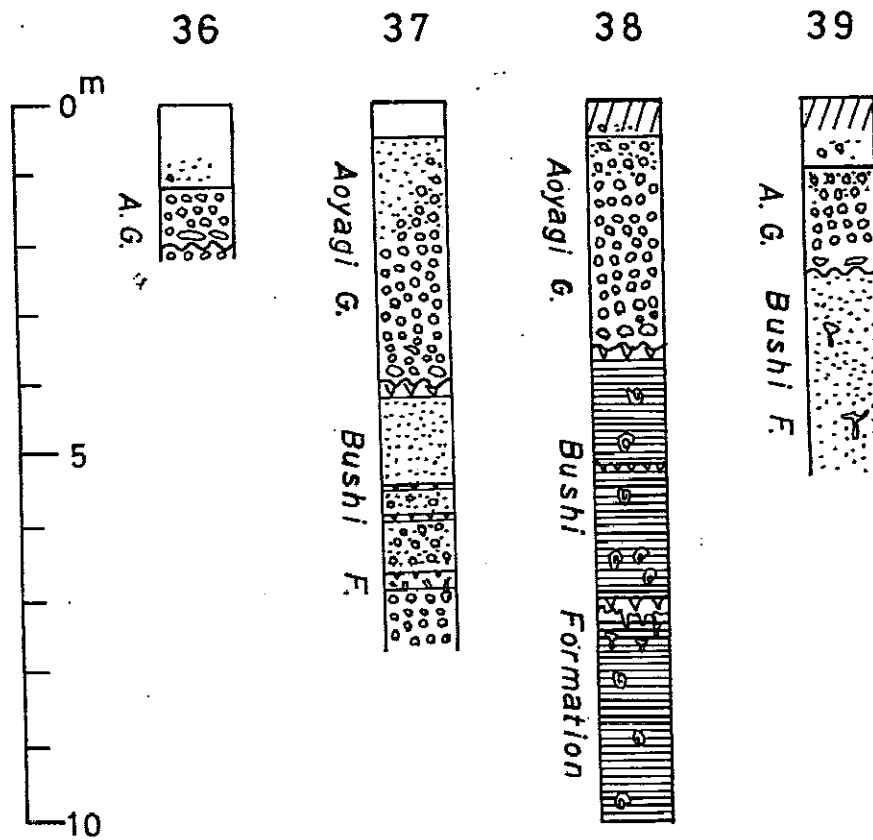
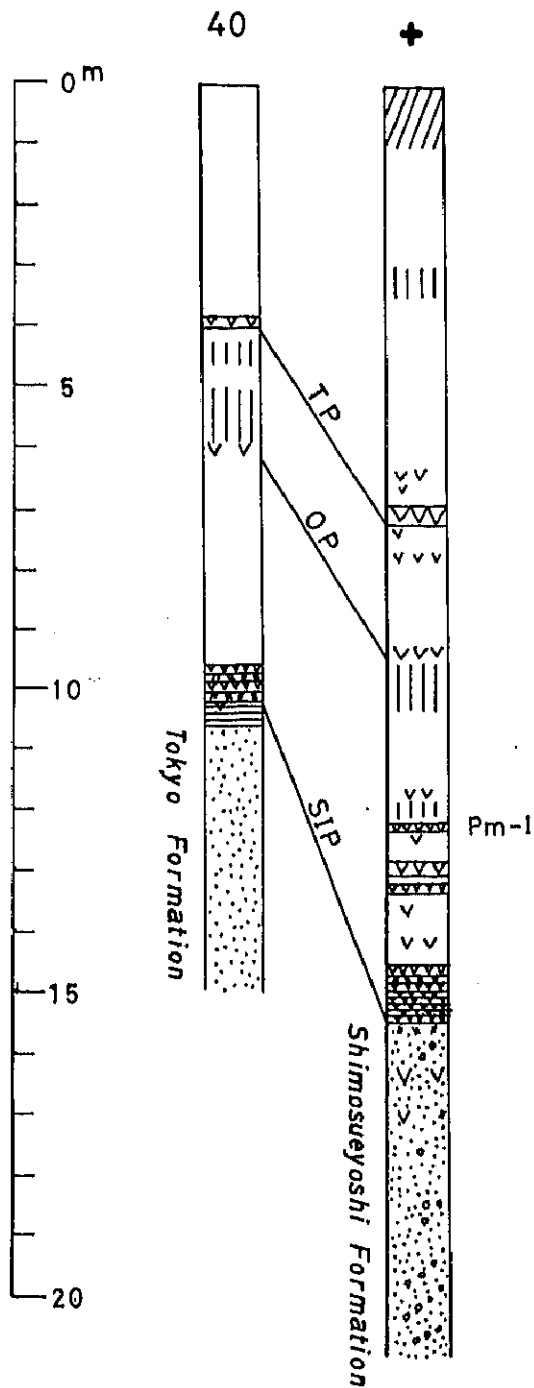


Figure 4-10. Columnar sections of the Tachikawa Terrace.



- 36 Unoki, Iruma City
- 37 Akitsu, Iruma City
- 38 Ushizawa, Iruma City
- 39 Koyada, Iruma City

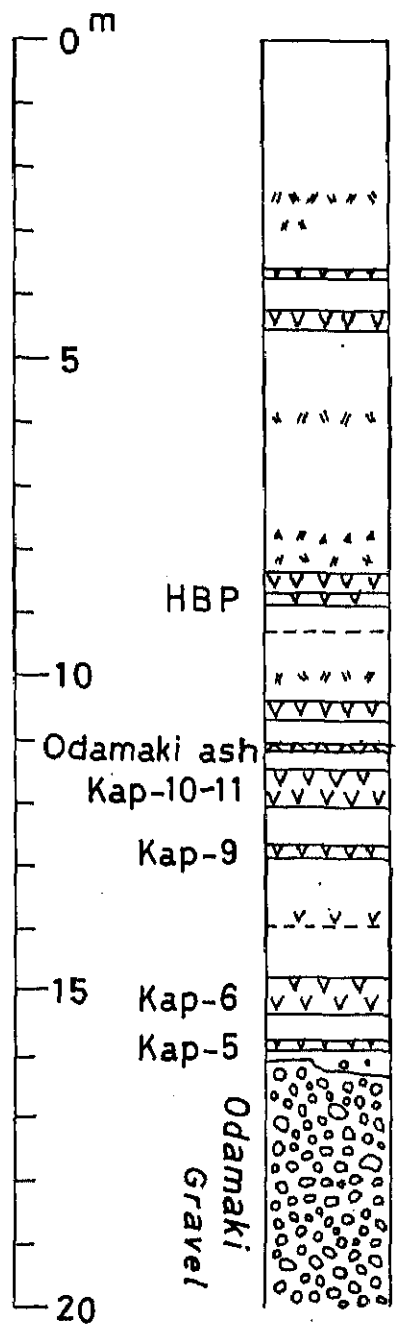
Figure 4-11. Columnar sections of the Aoyagi Terrace.



40 Tokyo Metropolitan
Government

+ Type locality of the
Shimosueyoshi Volcanic Ash

Figure 4-12. Columnar sections of the Shimosueyoshi Terrace at the Yodobashi-dai (left side) and the Shimosueyoshi Plateau (right side).



Yasudate, Chichibu City

Figure 4-13. Columnar section of the Odamaki Hills.

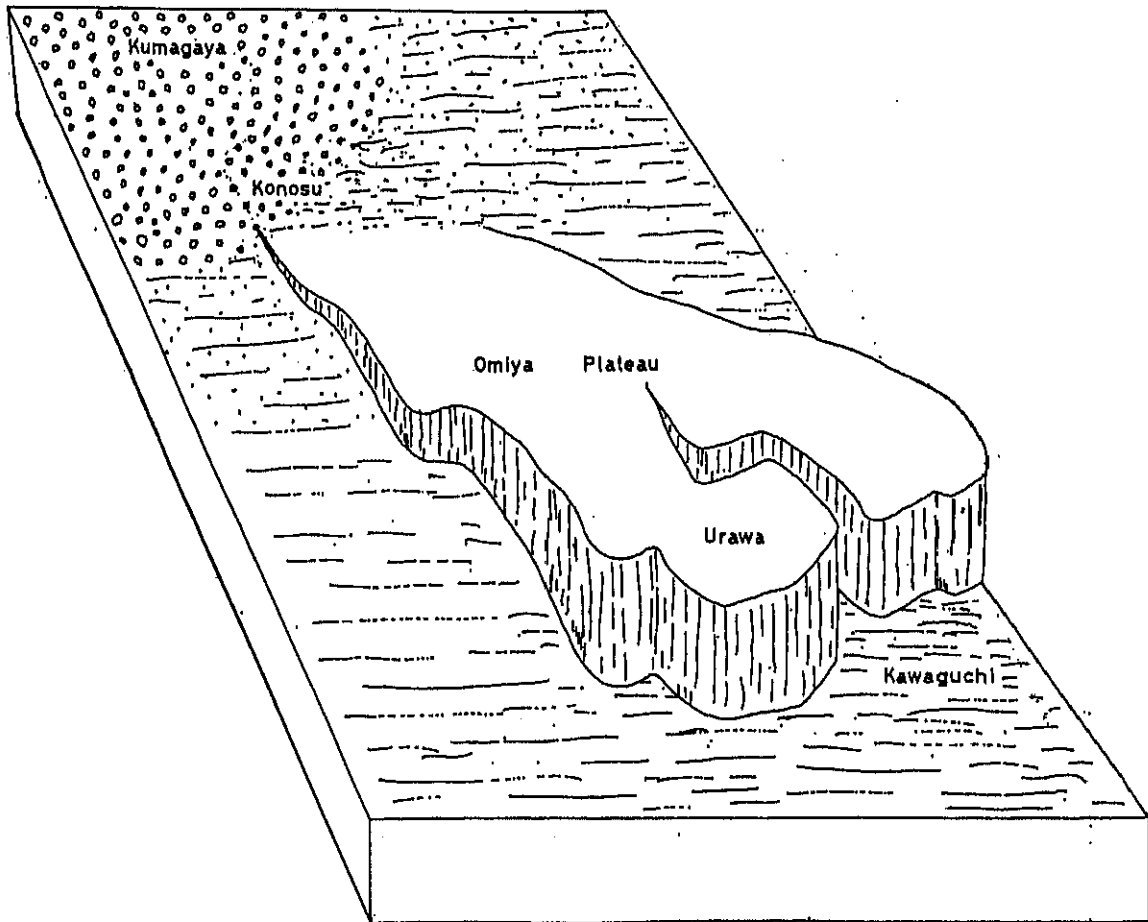


Figure 5-1. Convergence of the Omiya Plateau (Omiya Terrace) and the alluvial plain.

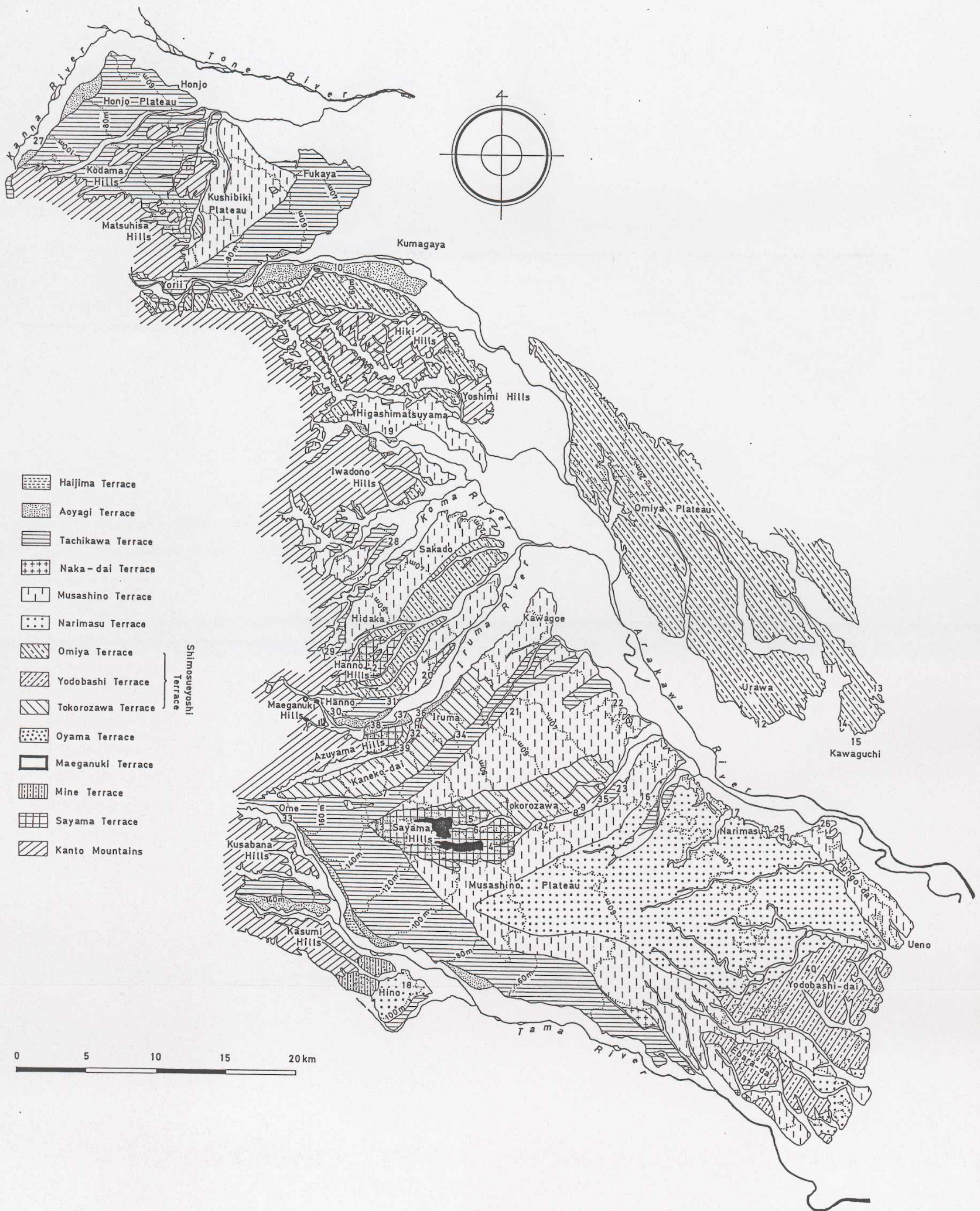


Figure 5-2. Distribution map of terraces.

The numbers indicate the locations of columnar sections in Figures 4-2 to 4-4 and 4-6 to 4-12.

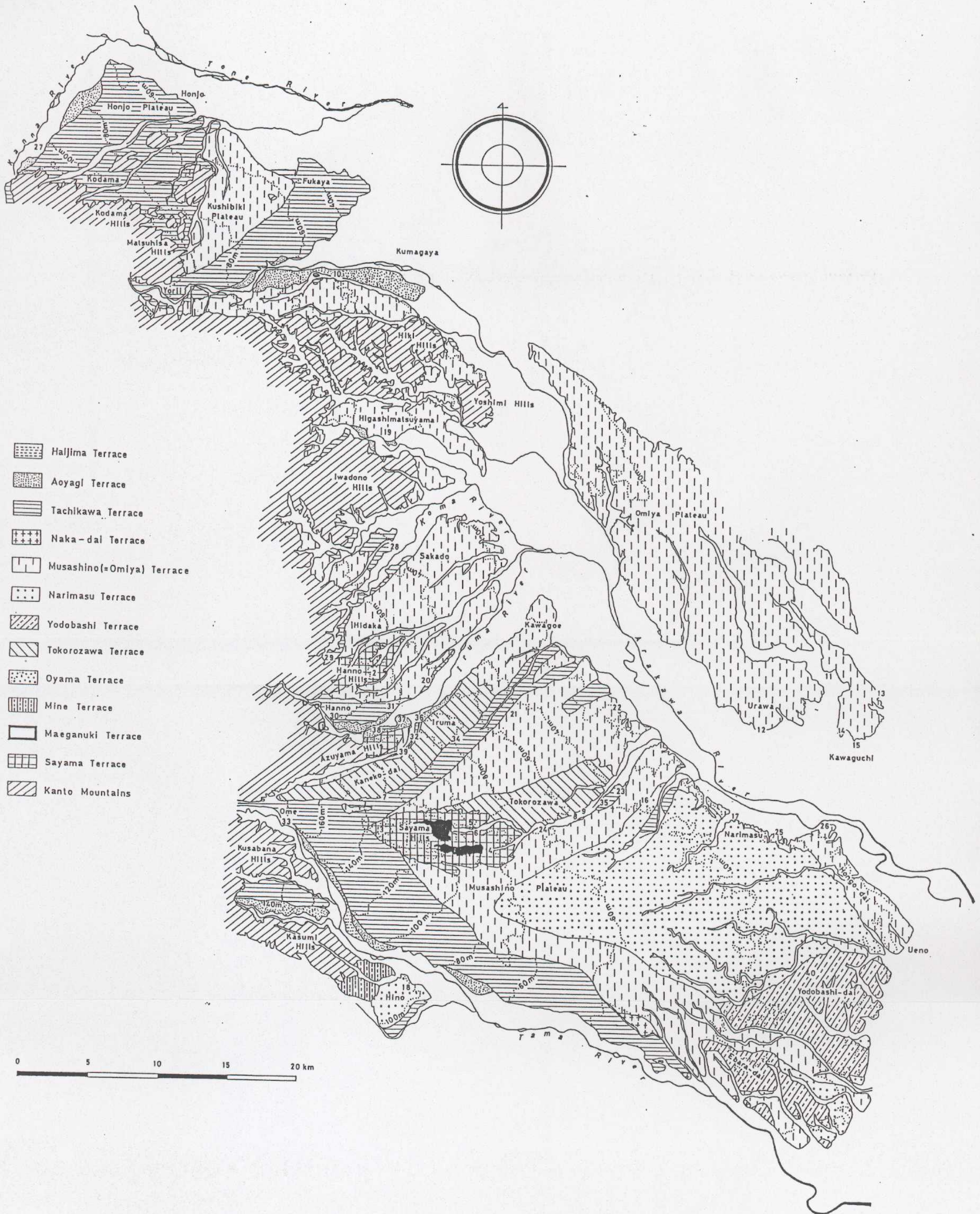


Figure 5-3. Modified map of terraces in the studied area.

The numbers are the same as Figure 5-2.

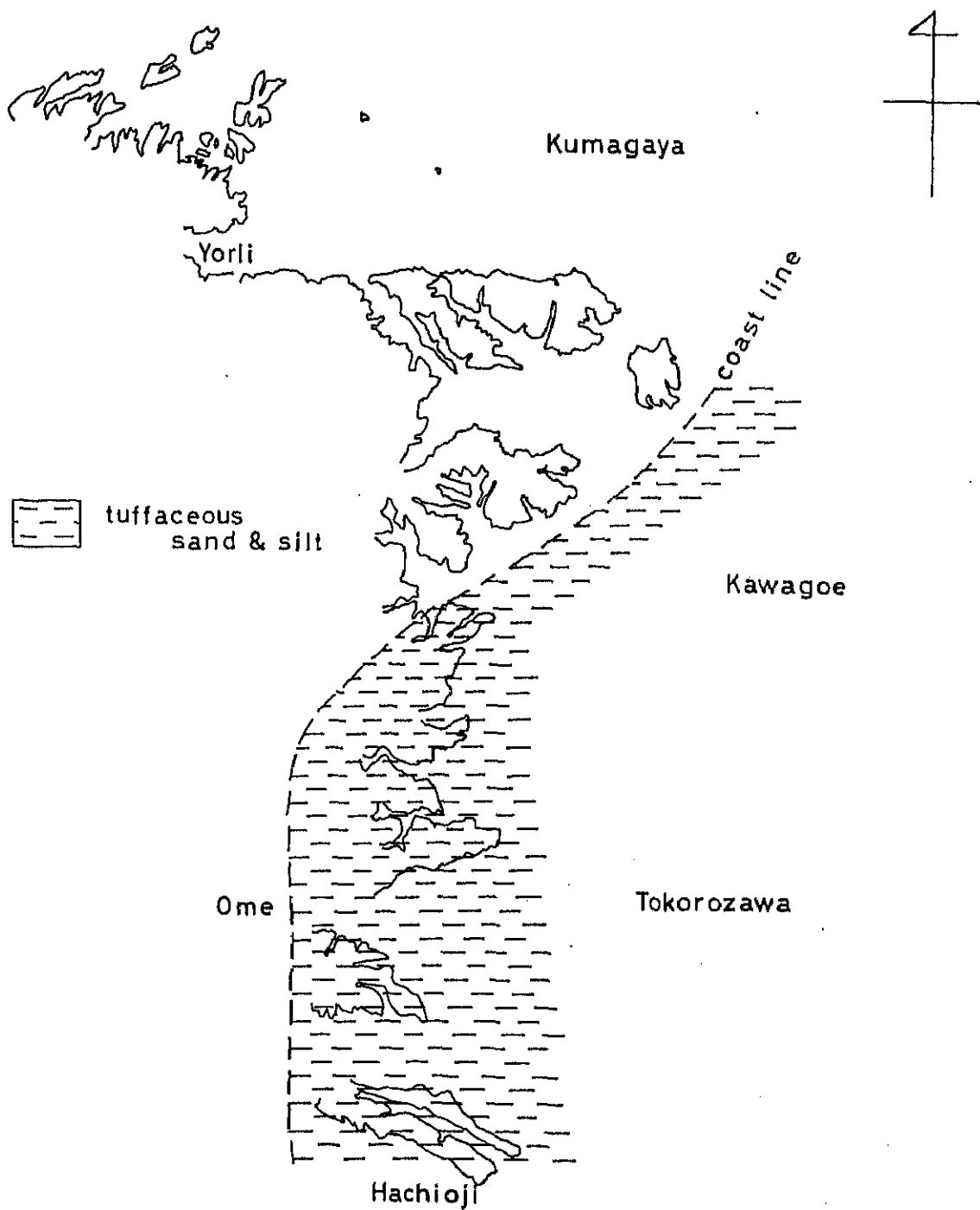


Figure 6-1. Paleogeographic map at the age of the Yaoroshi Formation.

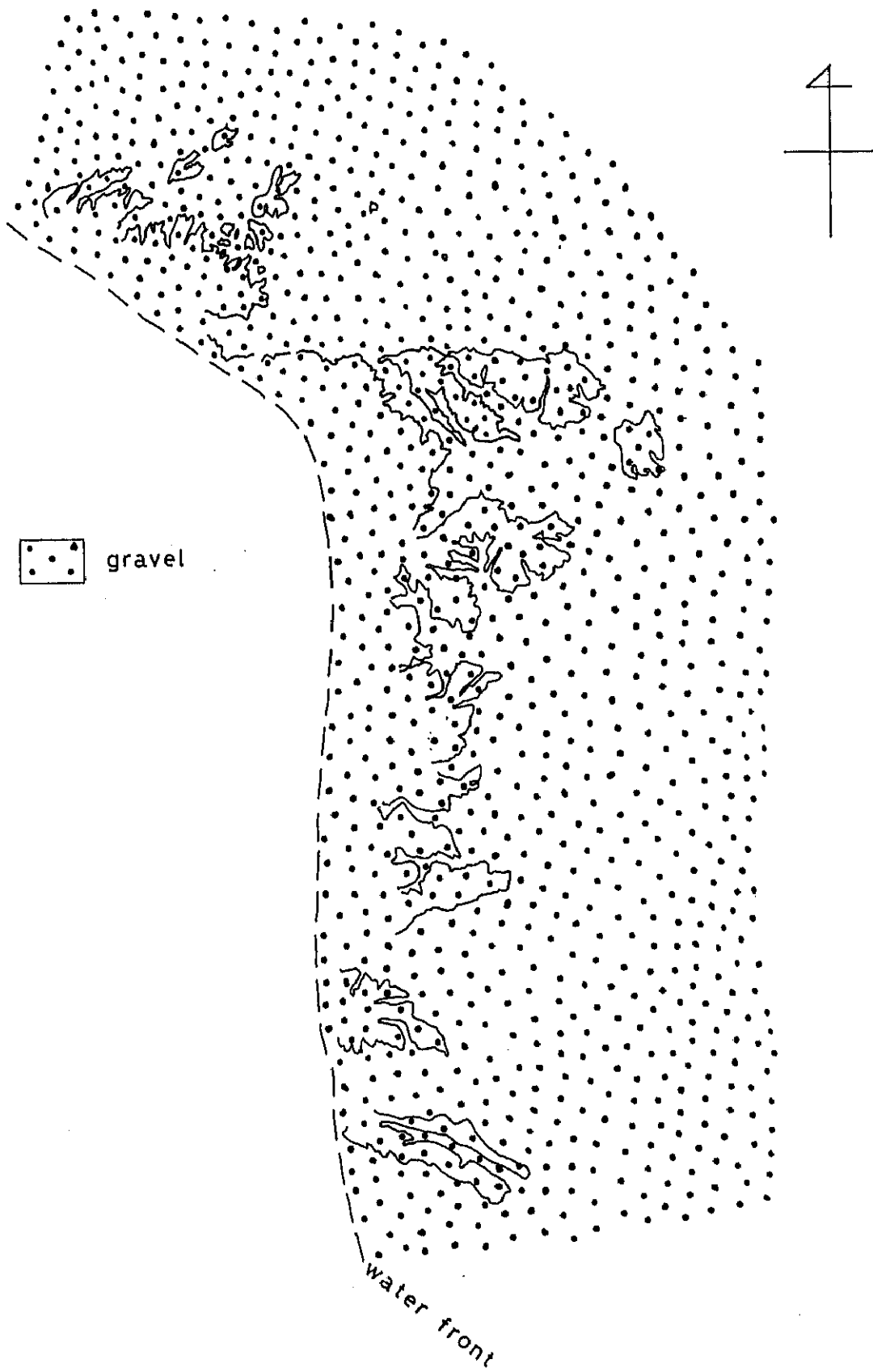


Figure 6-2. Paleogeographic map at the age of the Hanno Formation.

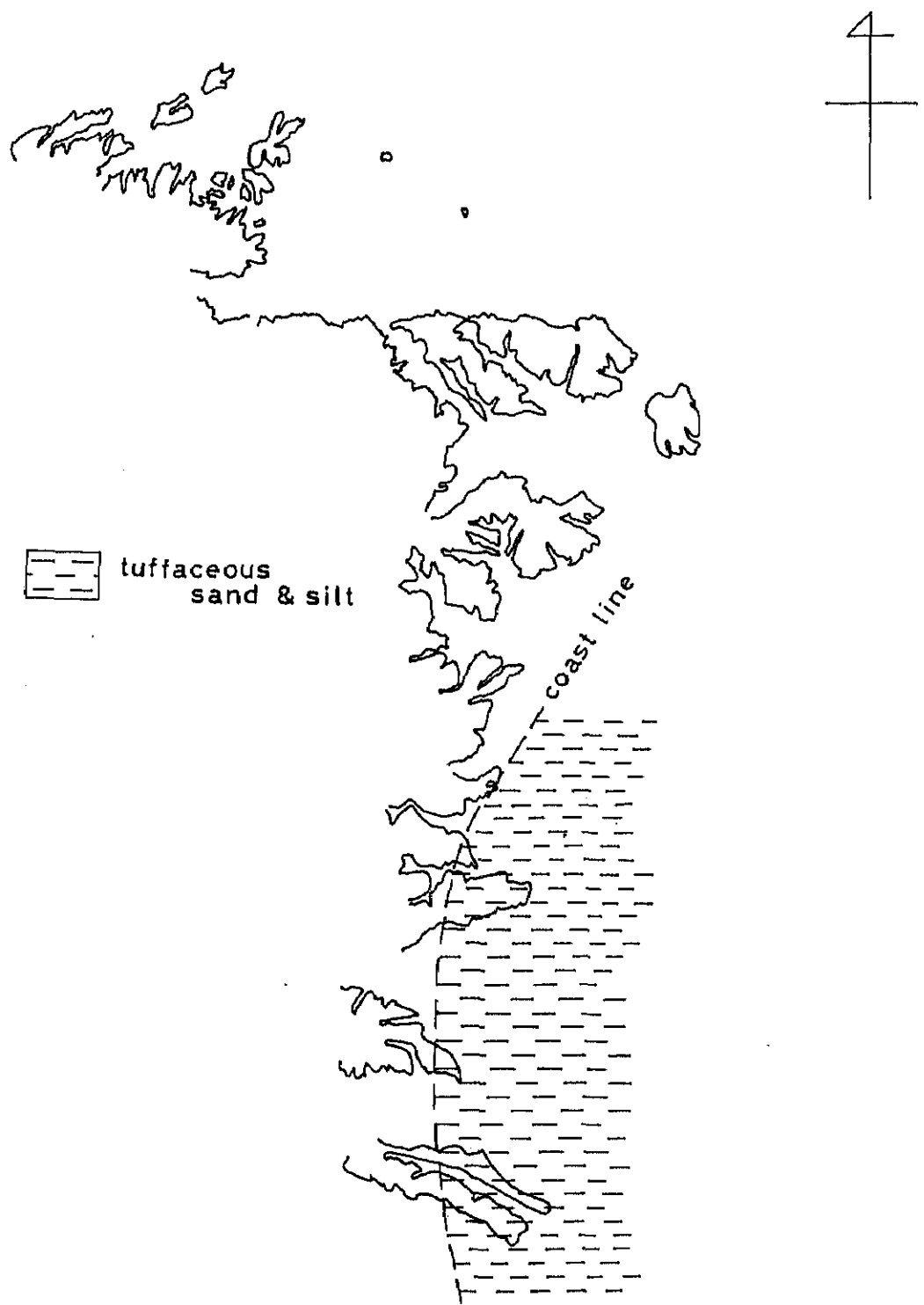


Figure 6-3. Paleogeographic map at the age of the Bushi Formation.

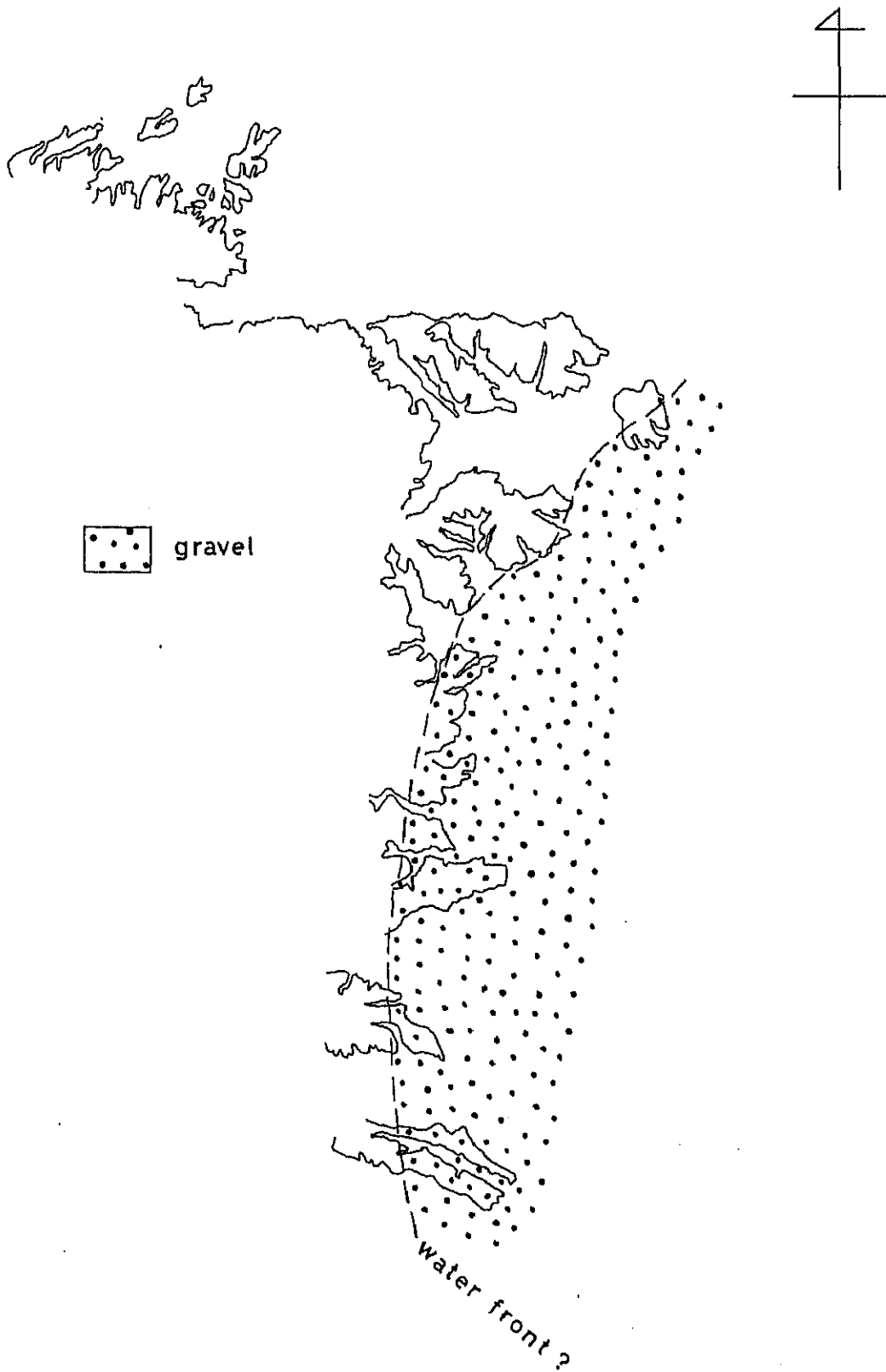


Figure 6-4. Paleogeographic map at the age of the Tbyooka Gravel.

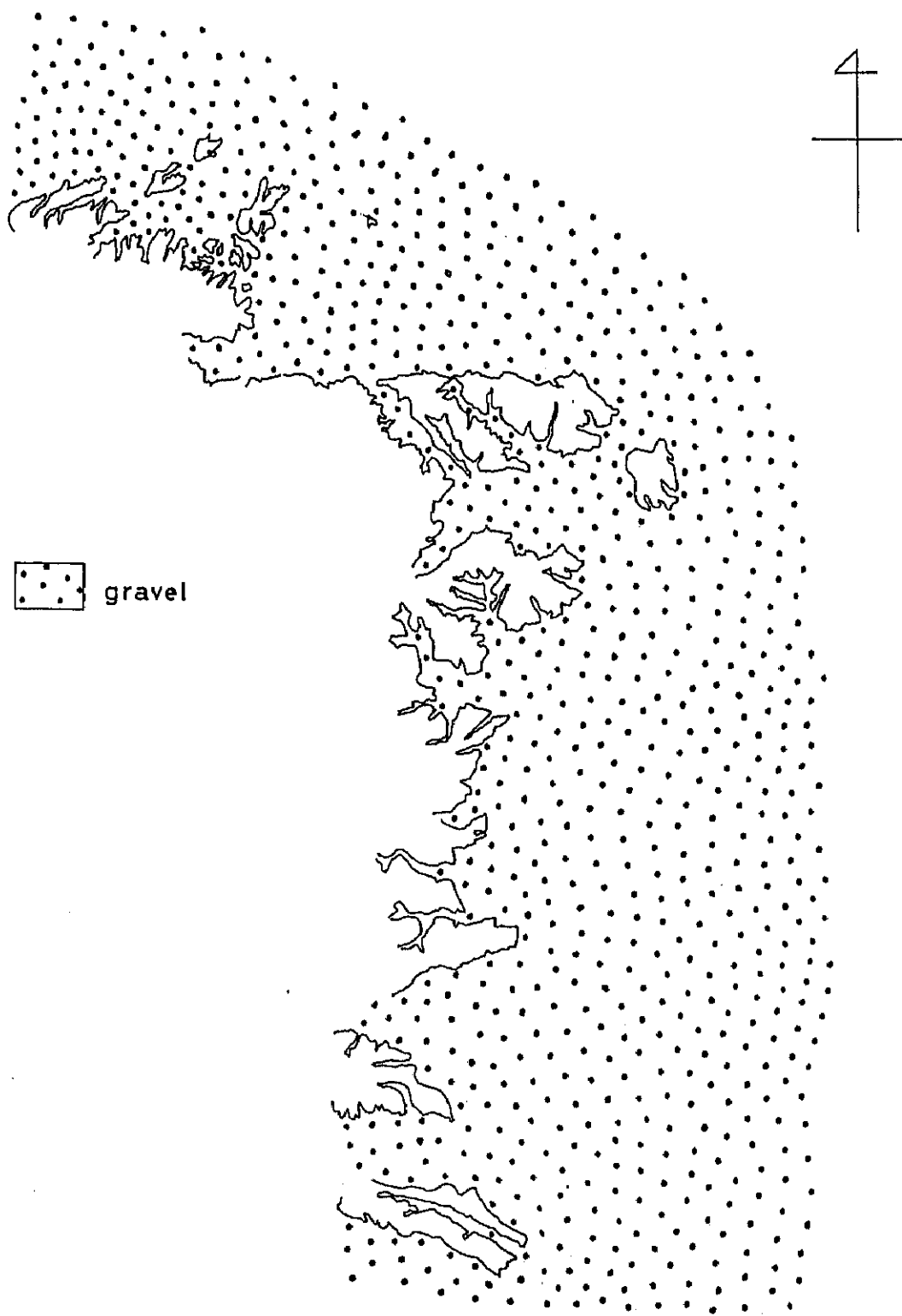


Figure 6-5. Paleogeographic map at the age of the Kanekozaka, Kamikayama and Imokubo Gravels.

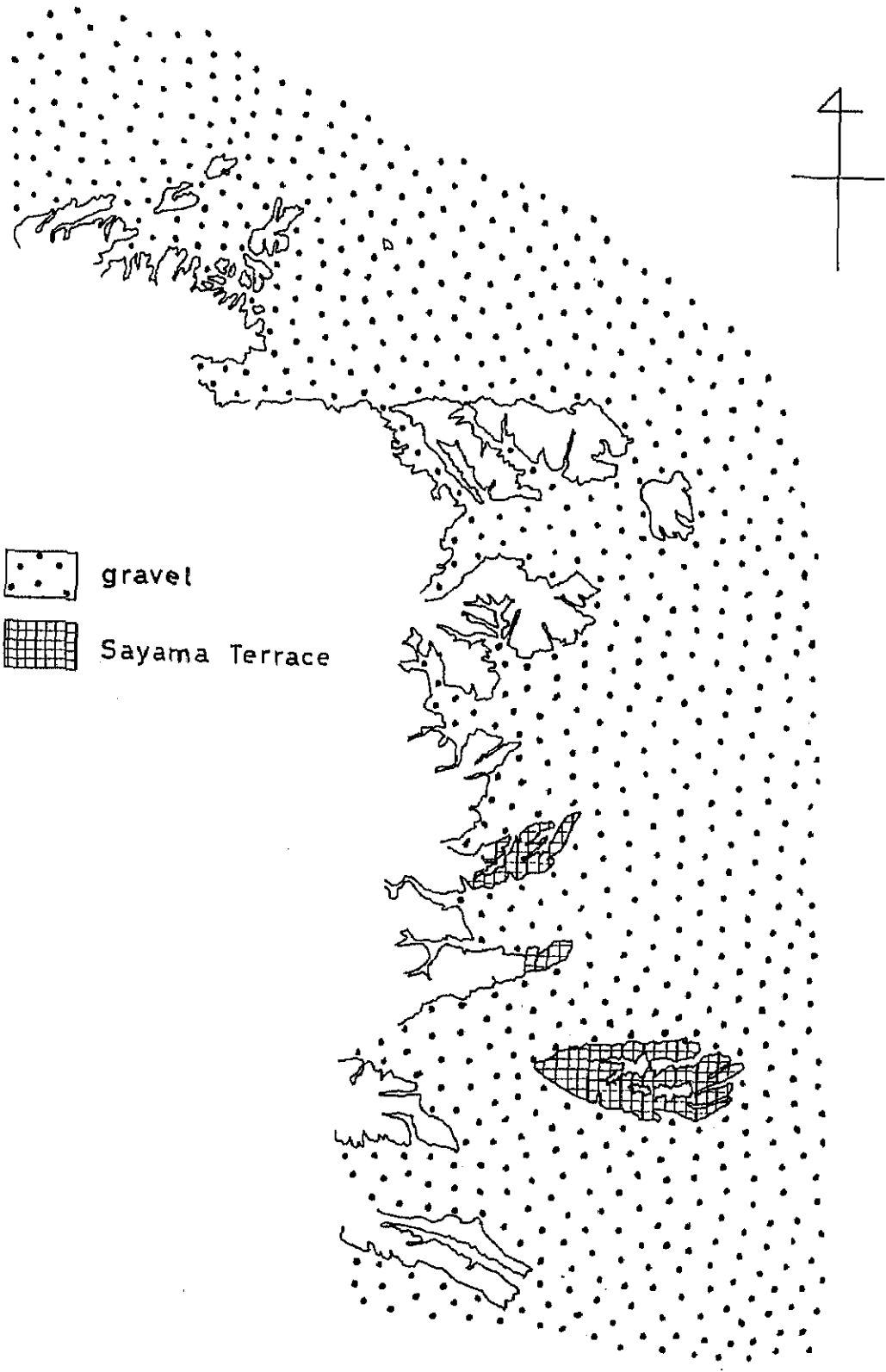


Figure 6-6. Paleogeographic map at the age of the Mine Gravel.

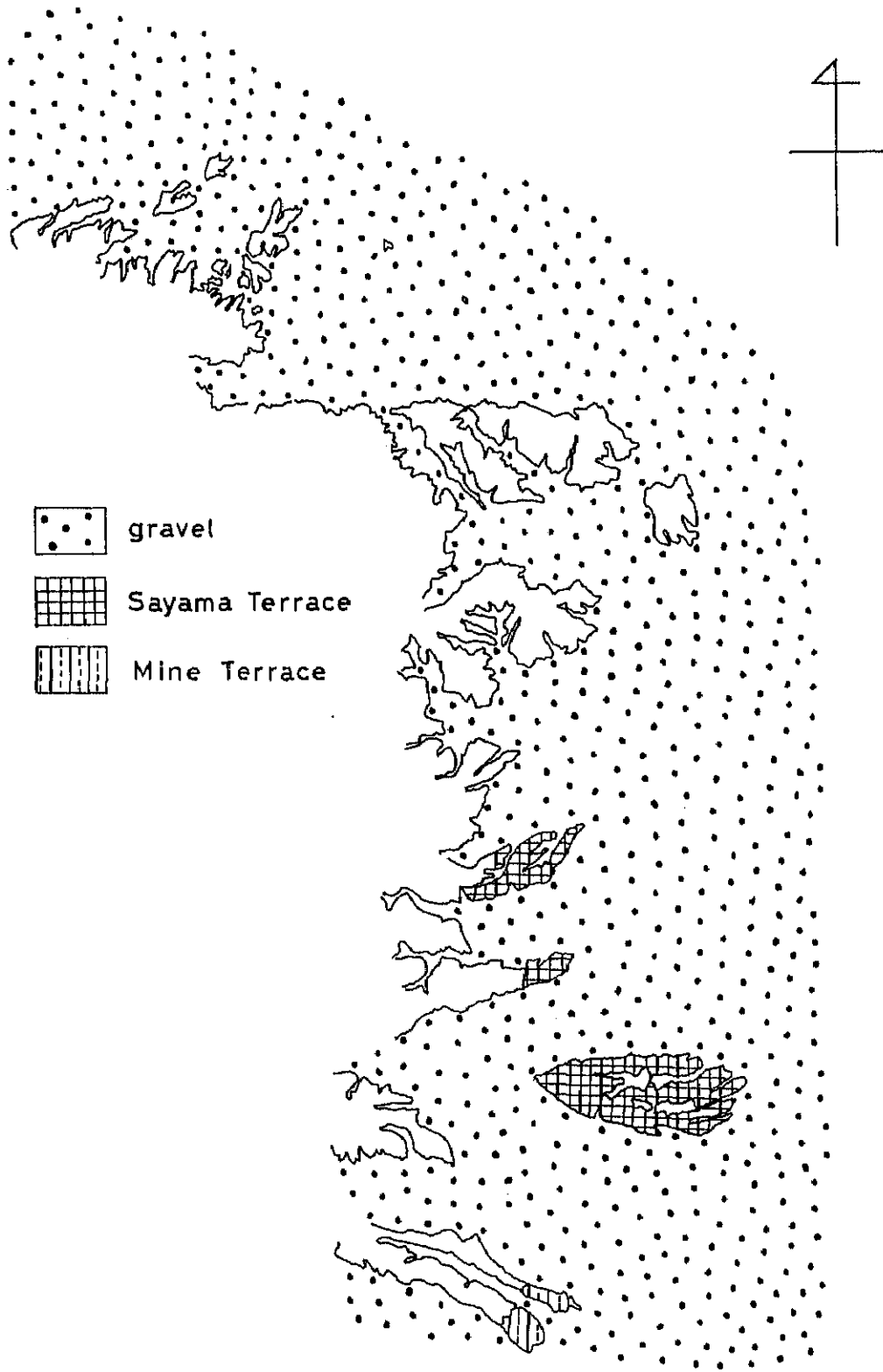


Figure 6-7. Paleogeographic map at the age of the Maeganuki Gravel.

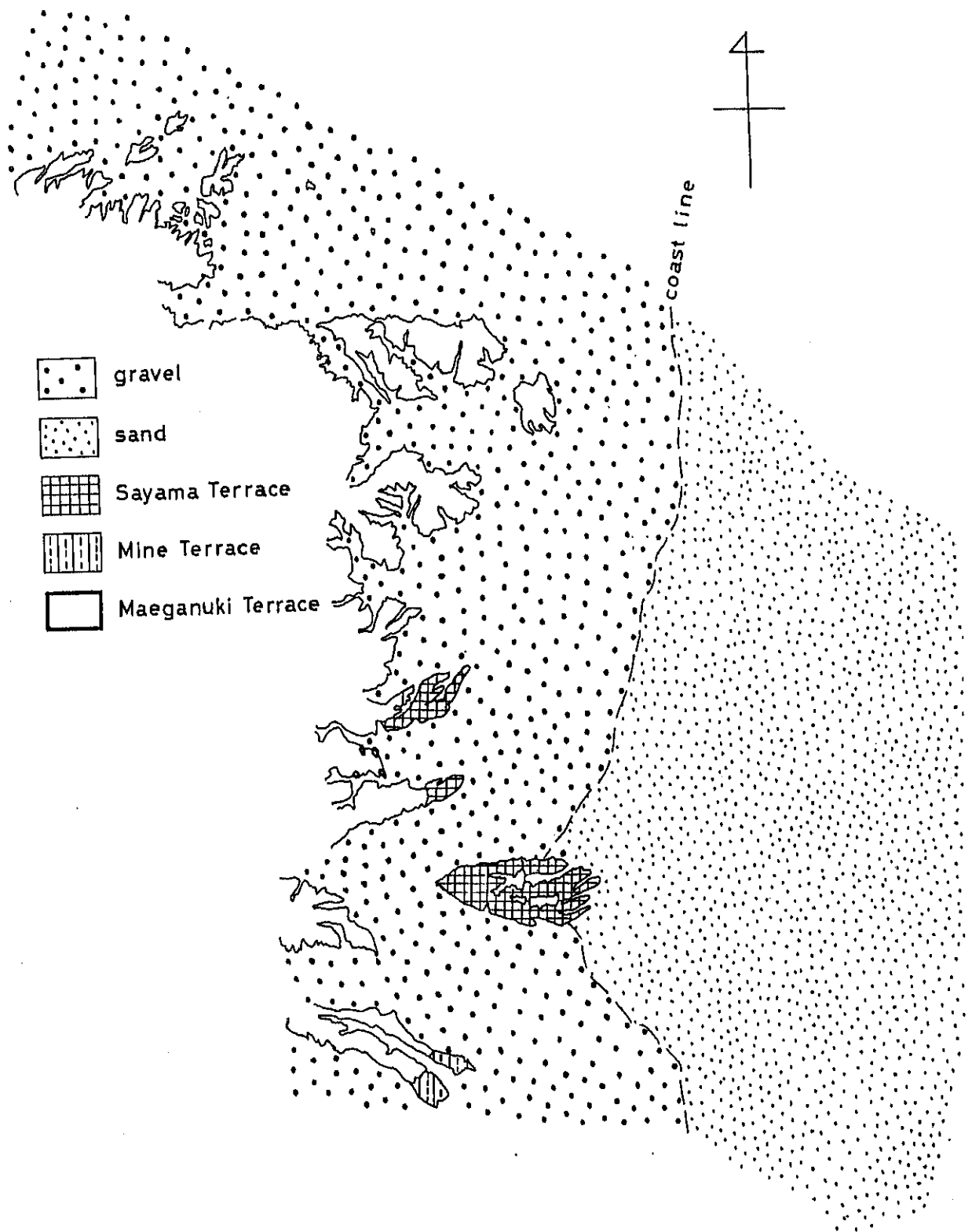


Figure 6-8. Paleogeographic map at the age of the Kaneko-dai and Tokorozawa-dai Gravels.

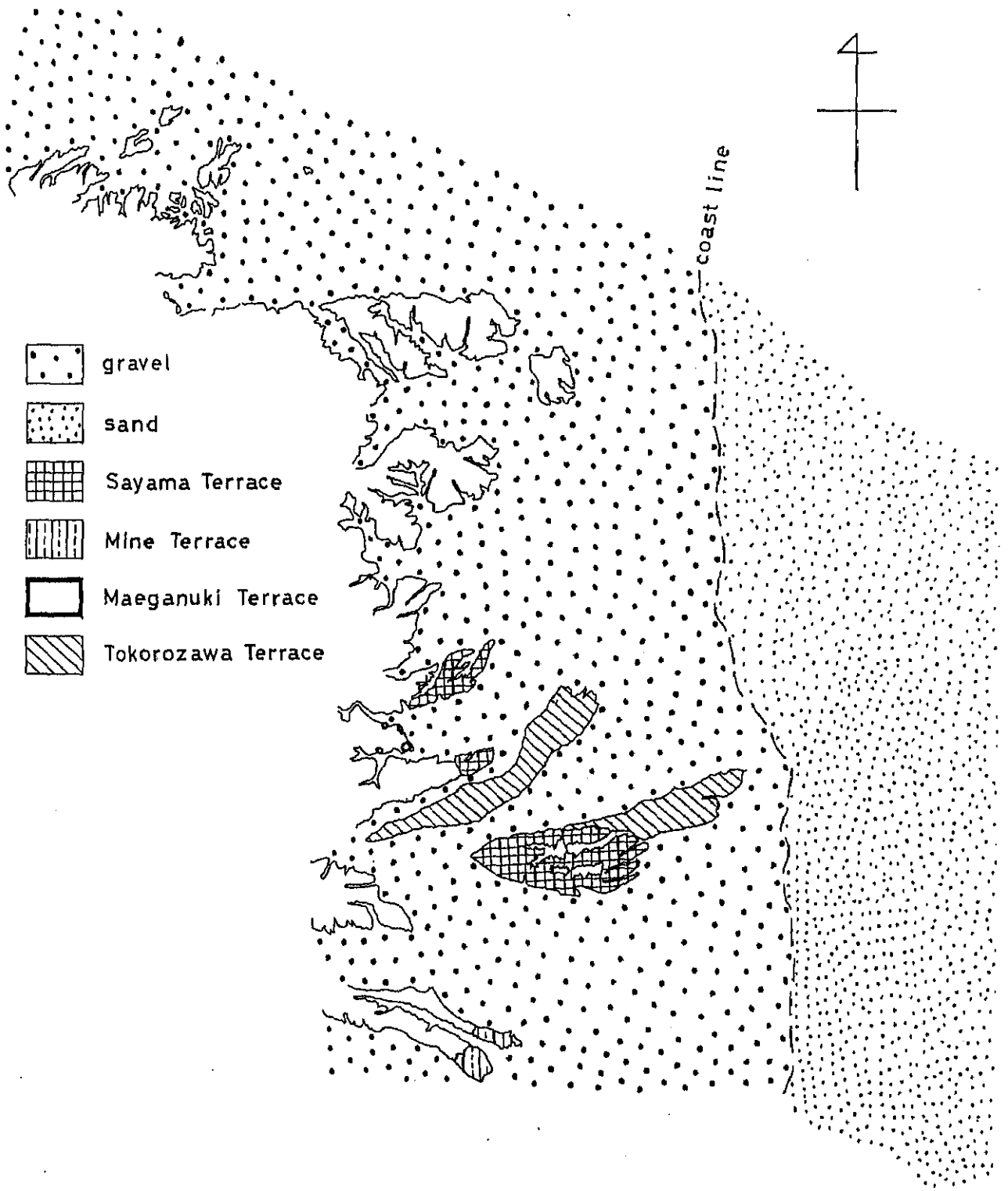


Figure 6-9. Paleogeographic map at the age that the Yodobashi-dai and the Omiya Plateau were beneath the sea level.

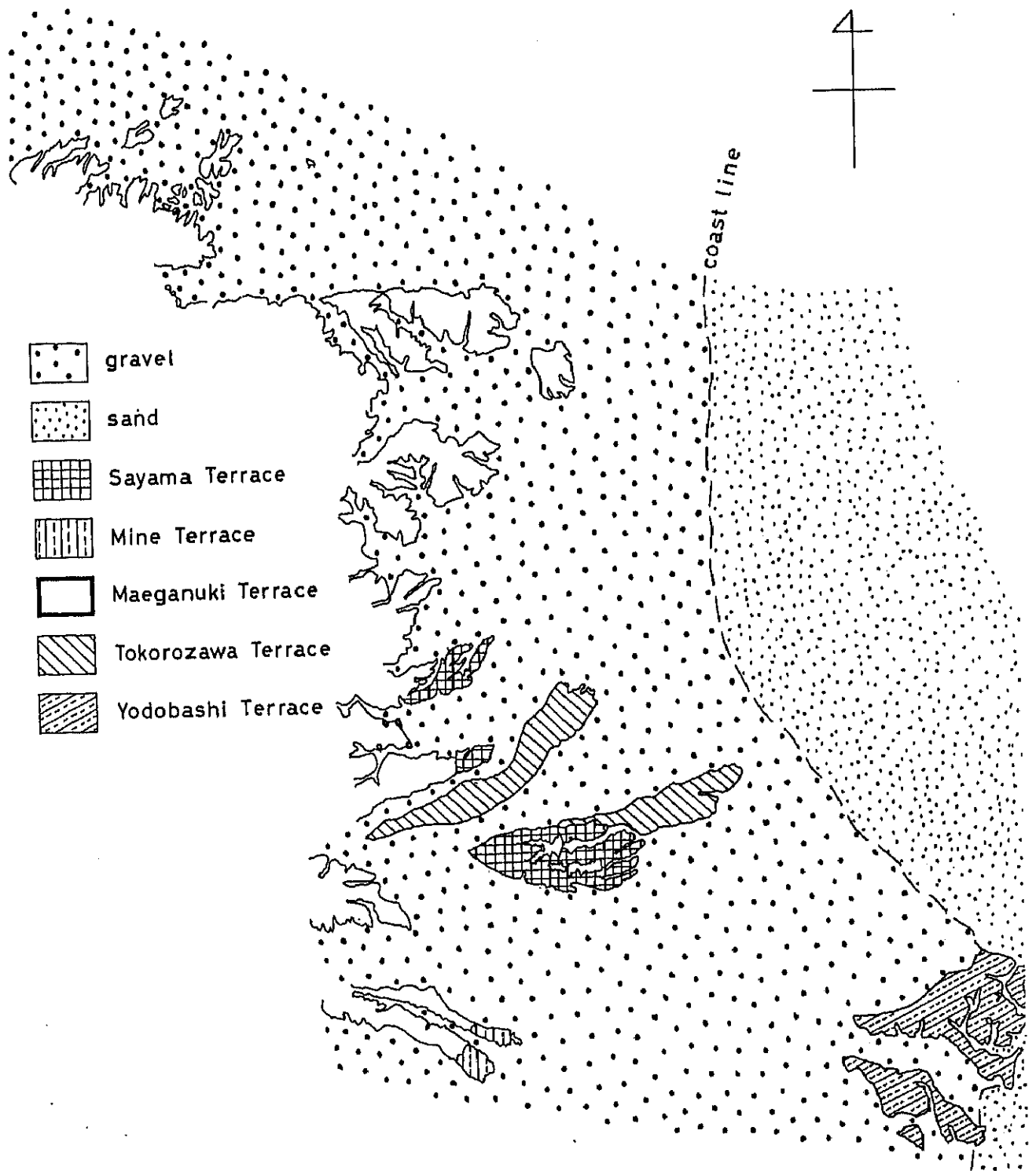


Figure 6-10. Paleogeographic map at the age that the Yodobashi-dai appeared on the surface of the sea.

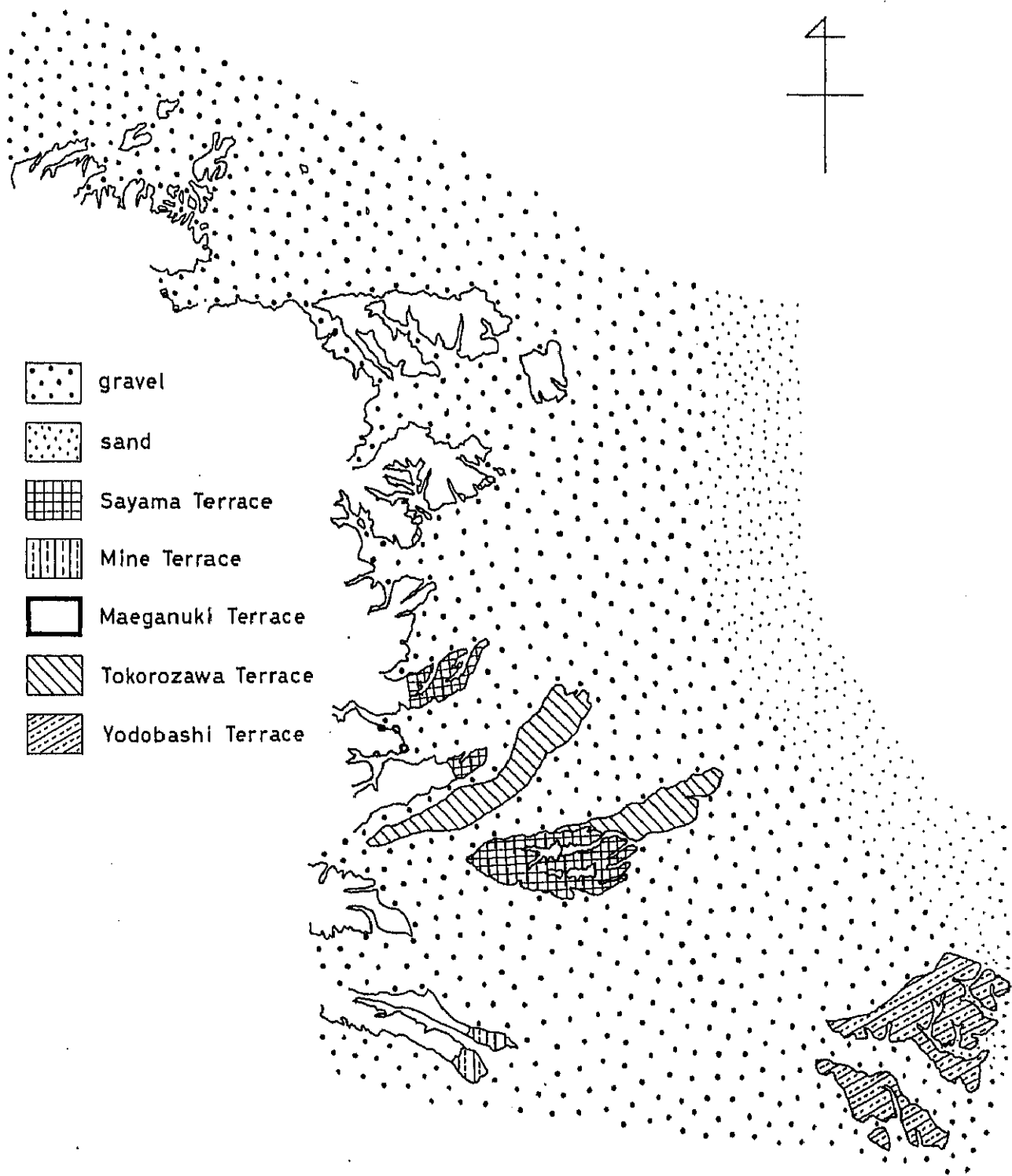


Figure 6-11, Paleogeographic map at the age of the Narimasu Gravel.

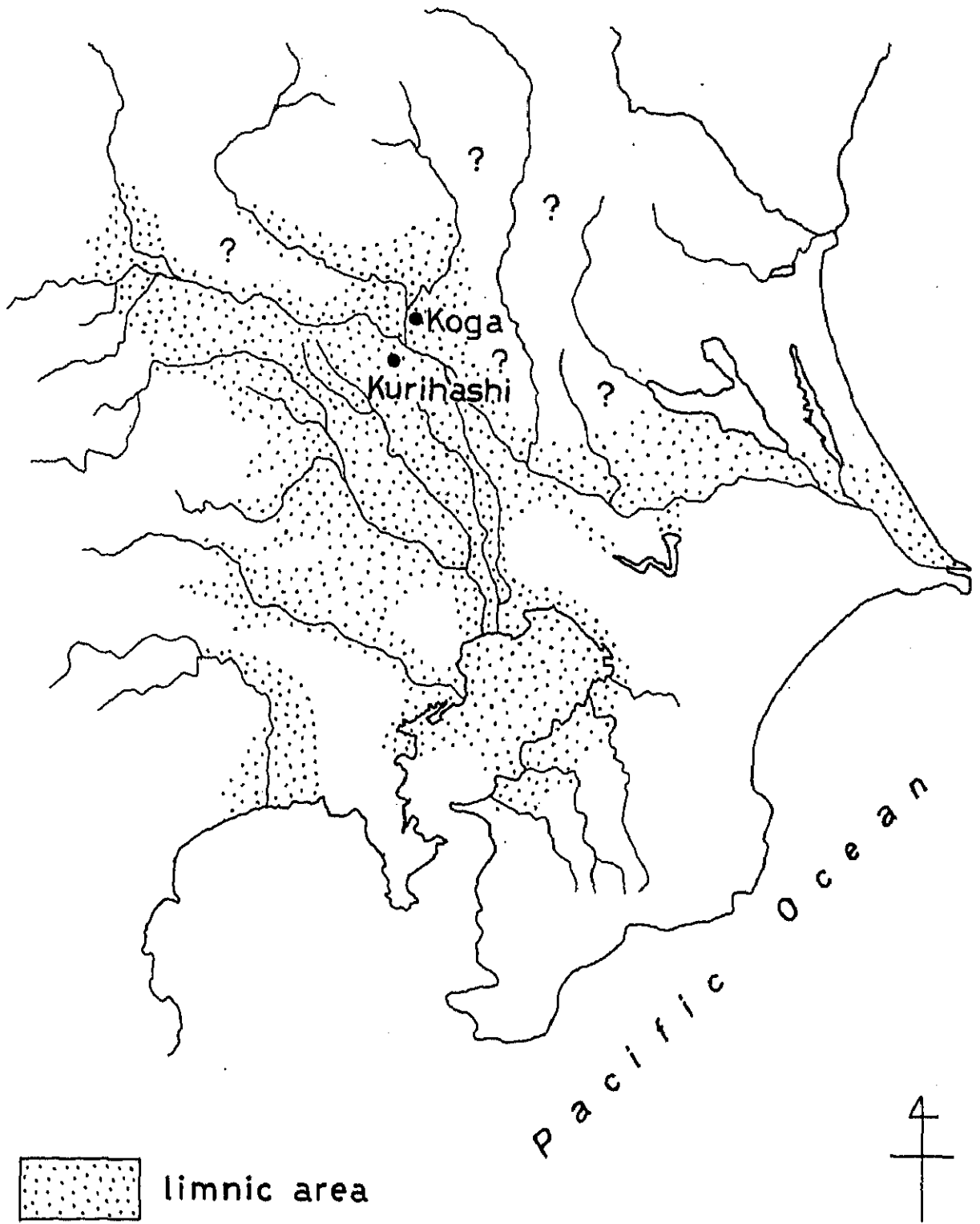


Figure 6-11-1. Kanto Tectonic Basin at the age of the Narimasu Gravel.

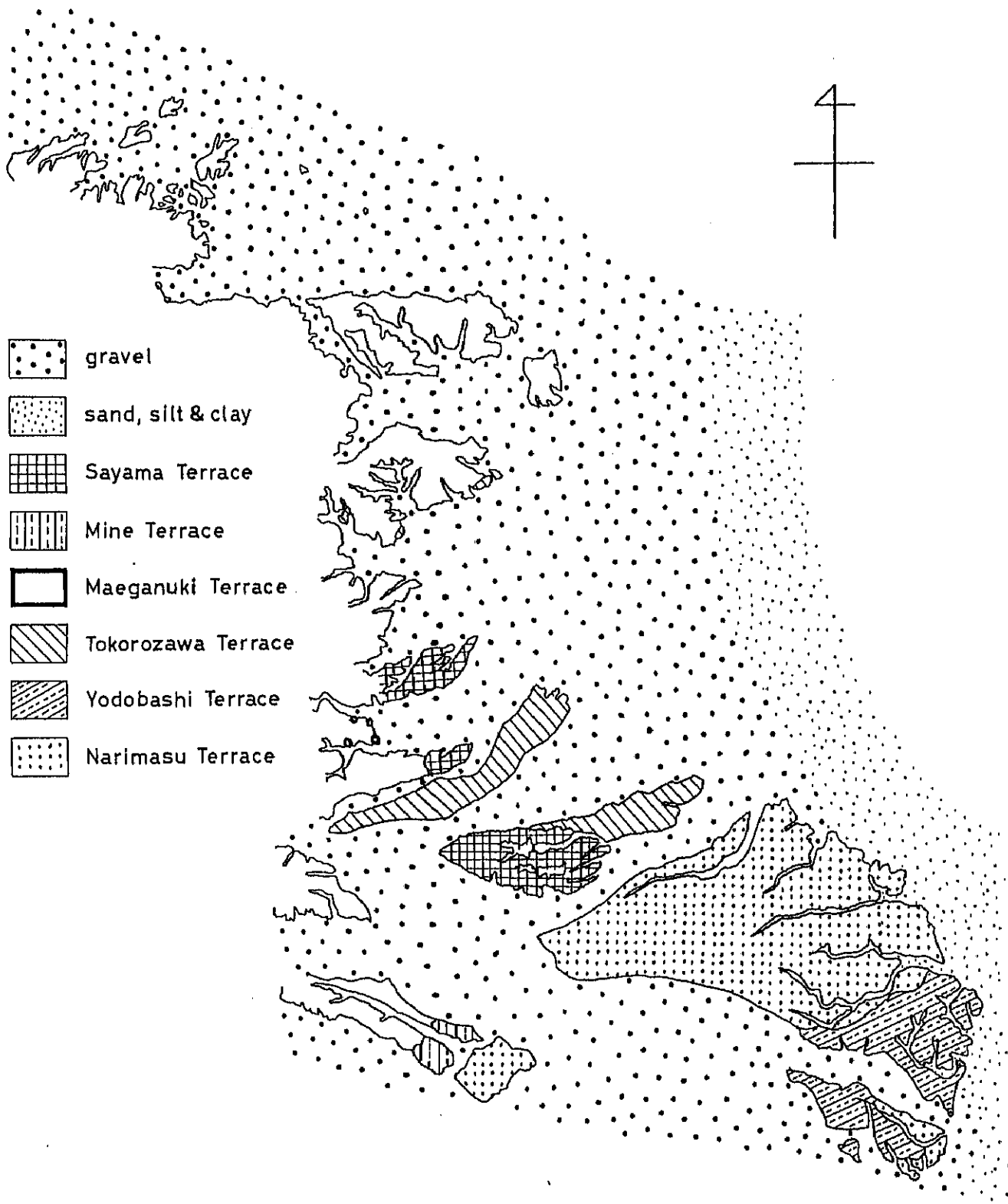


Figure 6-12. Paleogeographic map at the age of the Musashino Gravel.

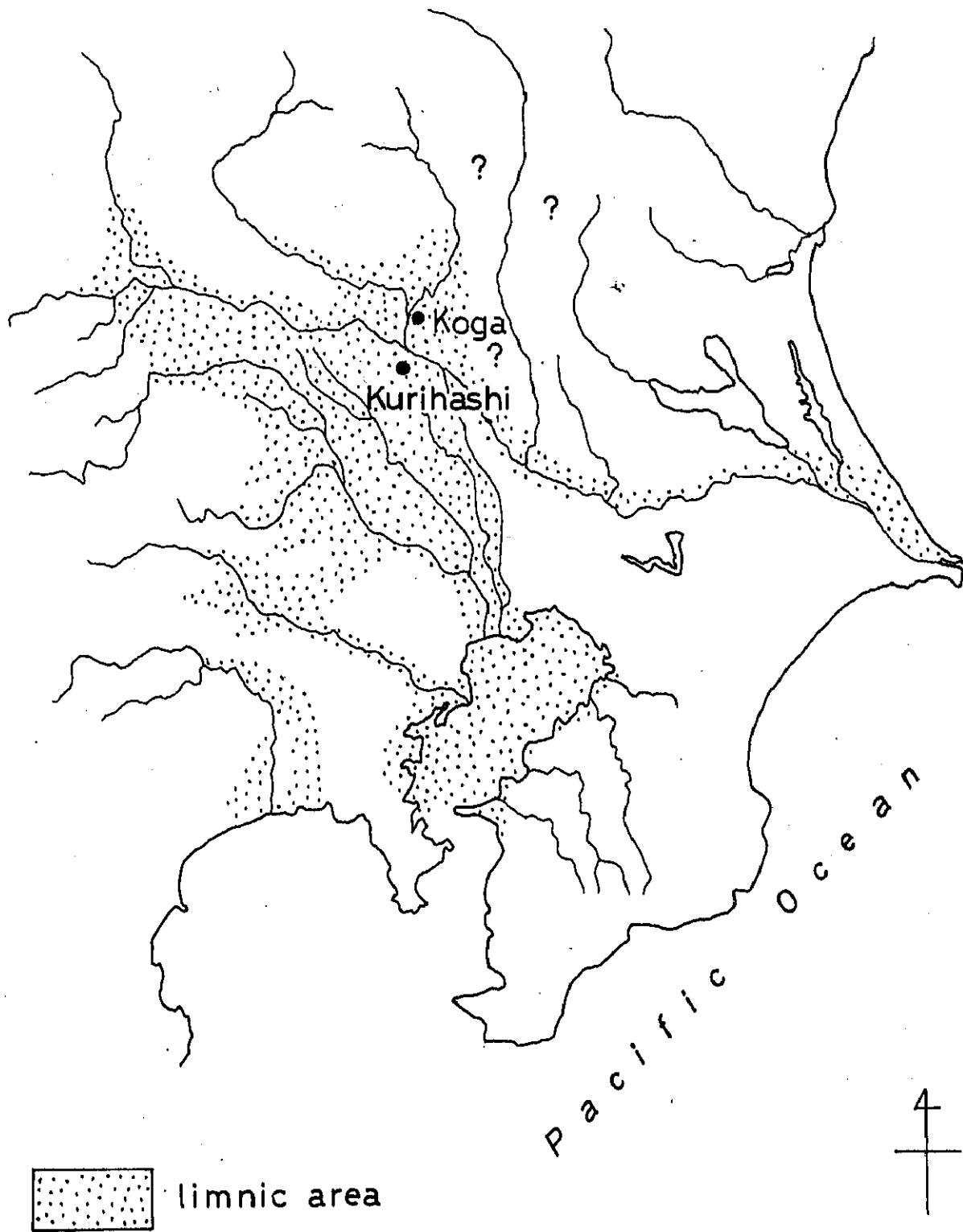


Figure 6-12-1. Kanto Tectonic Basin at the age of the Musashino Gravel.

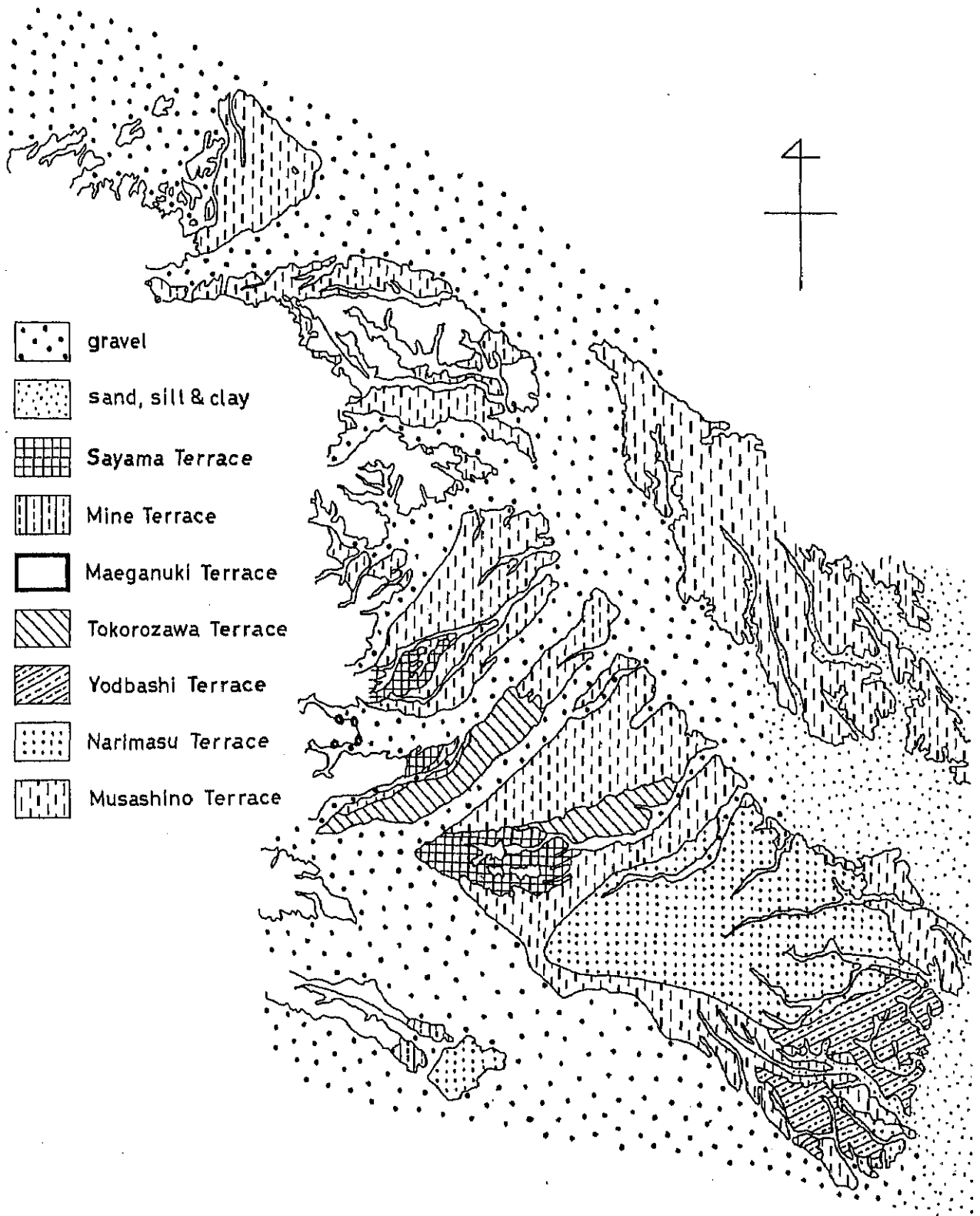


Figure 6-13. Paleogeographic map at the age of the Naka-dai Terrace Gravel.

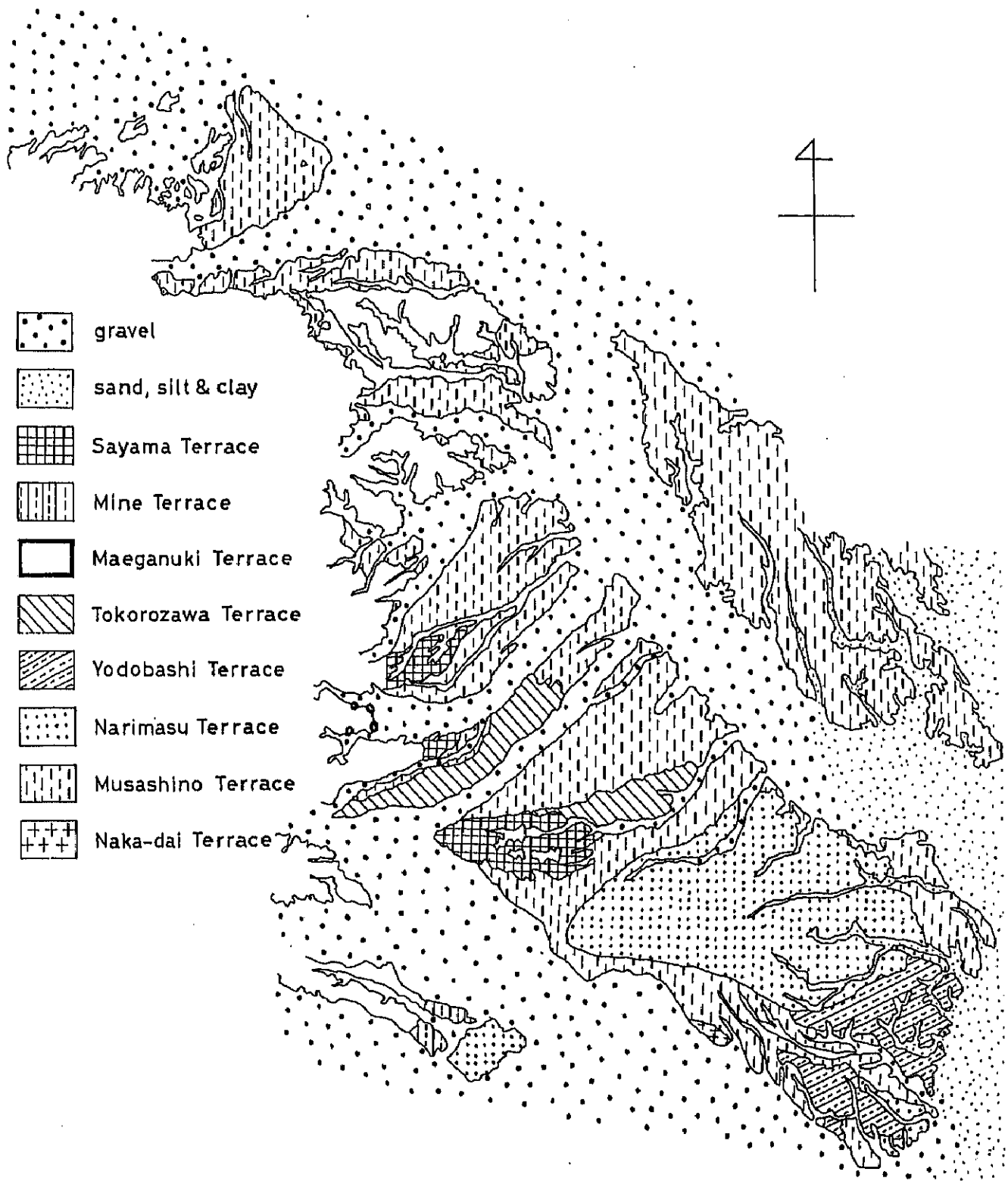


Figure 6-14. Paleogeographic map at the age of the Tachikawa Gravel.

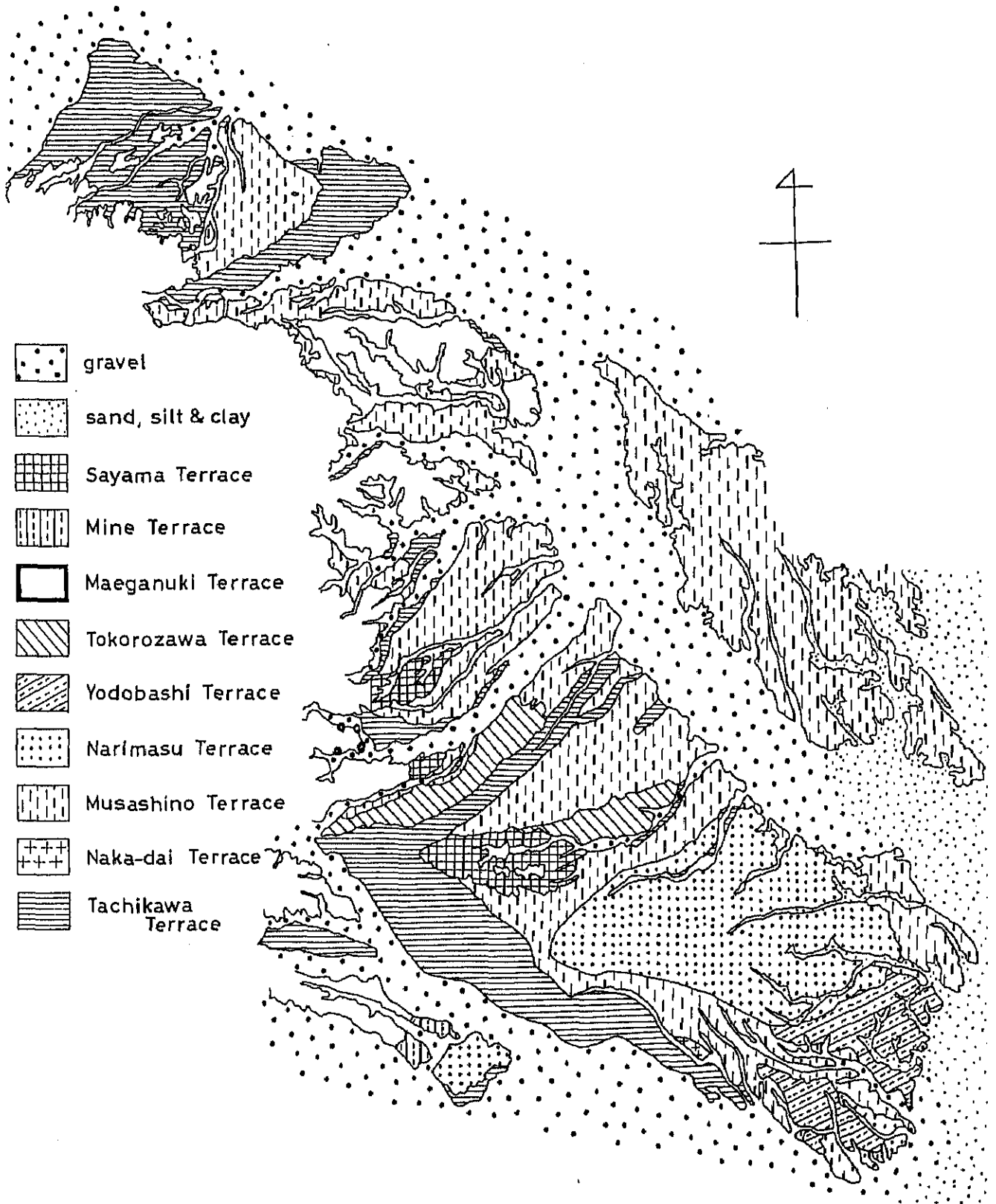


Figure 6-15. Paleogeographic map at the age of the Aoyagi Gravel.

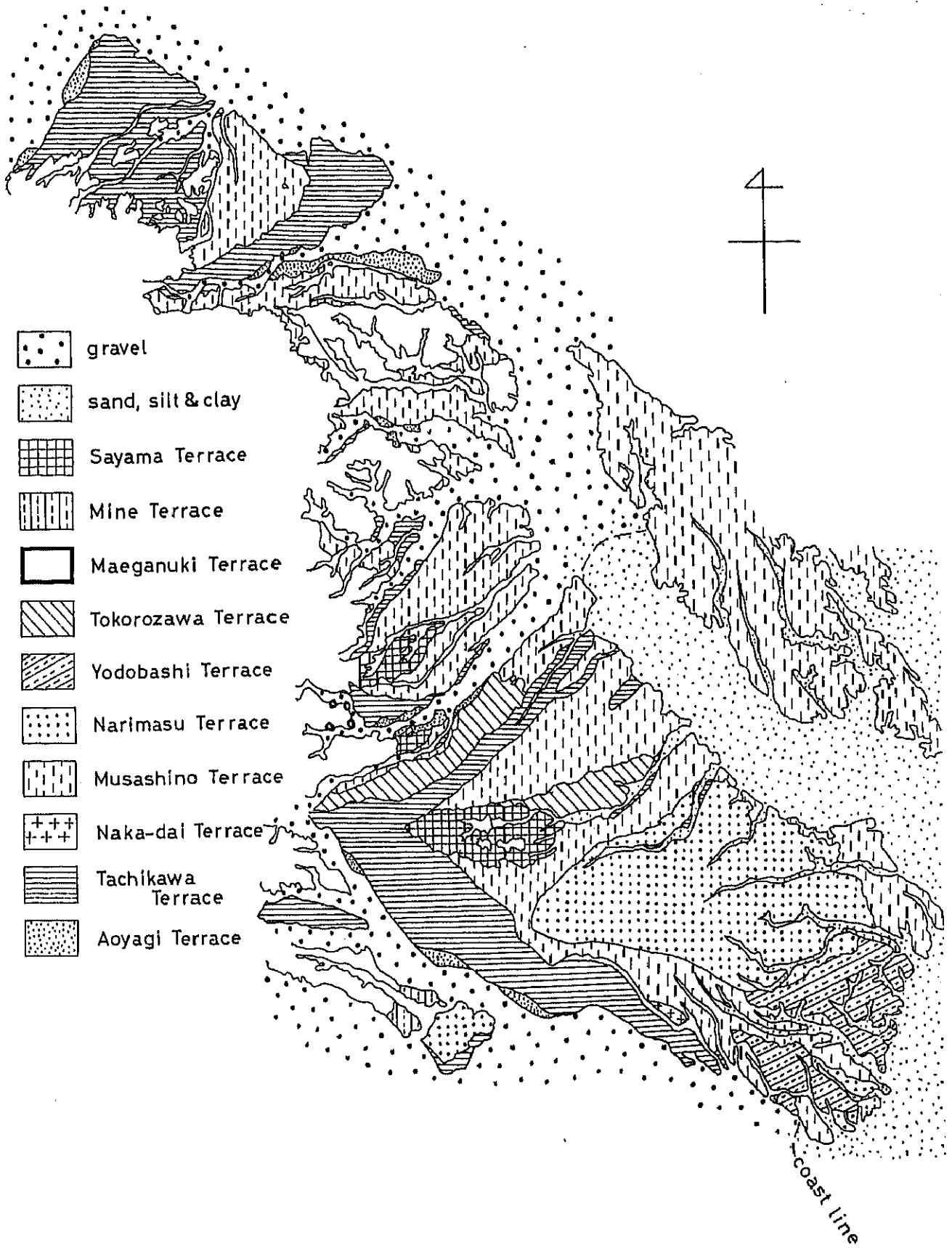


Figure 6-16. Paleogeographic map at the age of the Haijima Terrace.

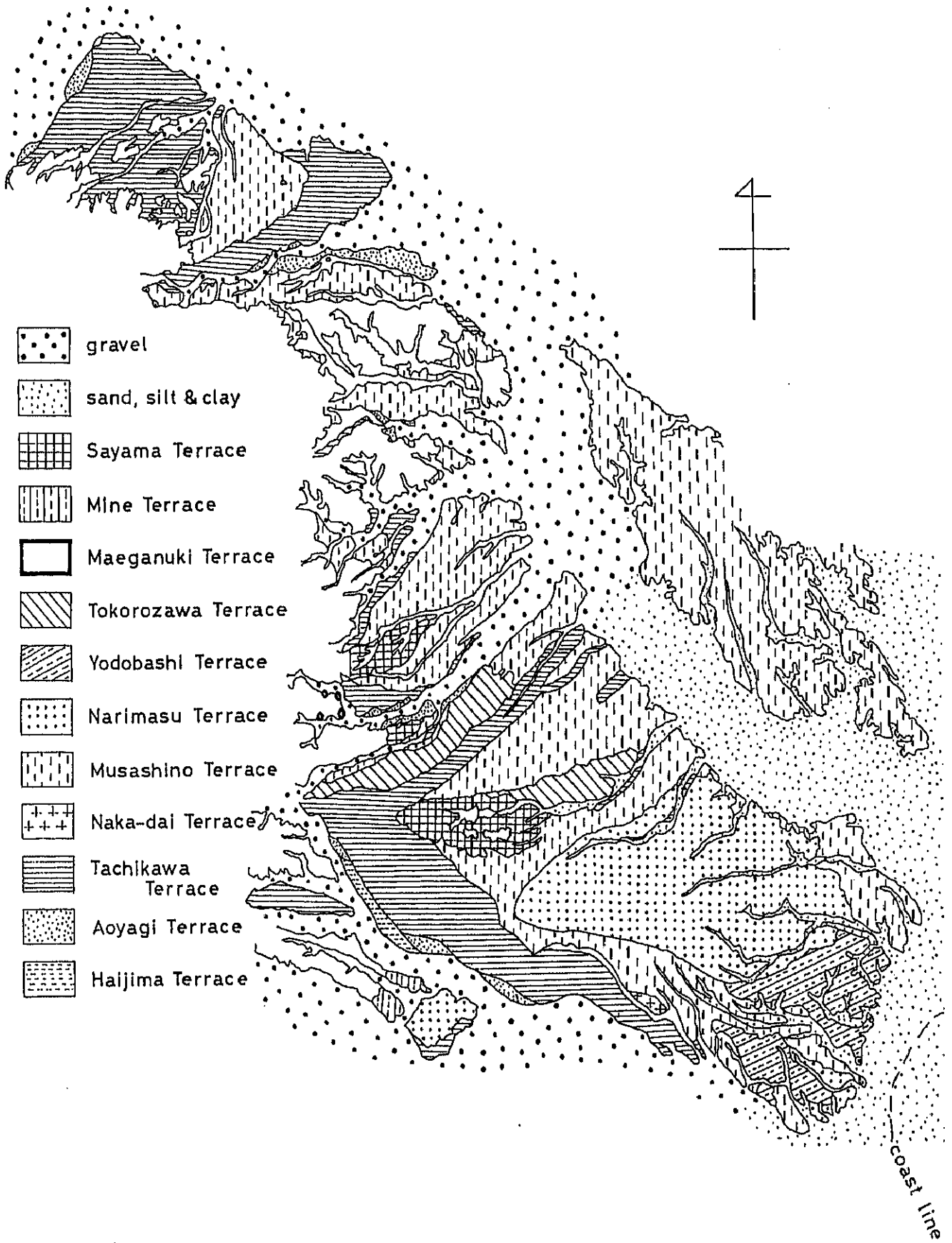
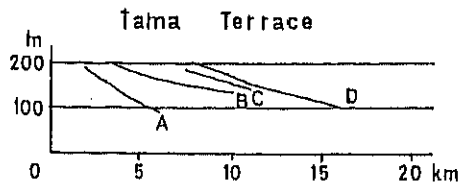


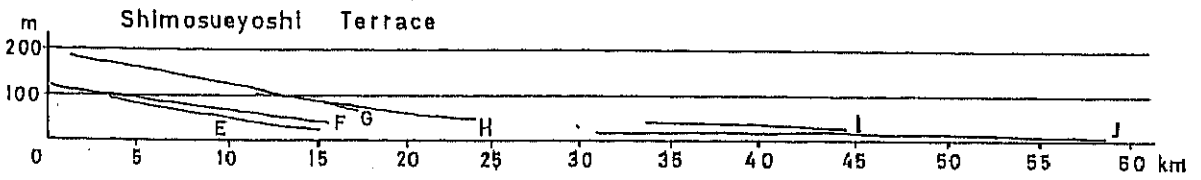
Figure 6-17. Geographic map at the present time.



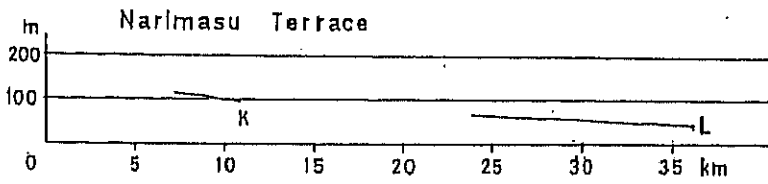
Figure 7-1. Contour map and base lines of the cross sections in Figure 7-2.



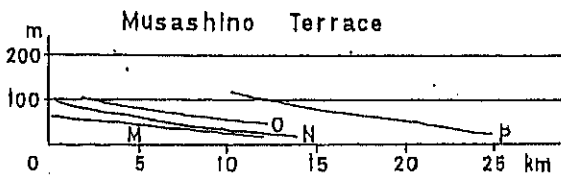
- A) Hanno Hills B) Tama Hills
C) Azuyama Hills D) Sayama Hills



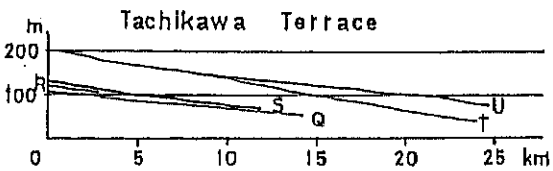
- E) Iruma Plateau F) Konan Plateau G) Kaneko-dal H) Tokorozawa-dal
I) Yodobashi-dal J) Omiya Plateau



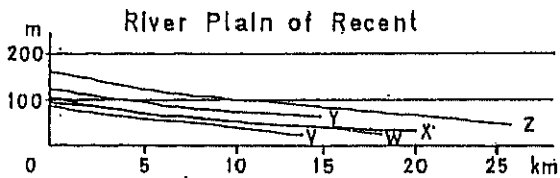
- K) Hino Plateau L) Narimasu-dal



- M) Higashimatsuyama Plateau N) Iruma Plateau
O) Kushibiki Plateau P) Kawagoe-dal

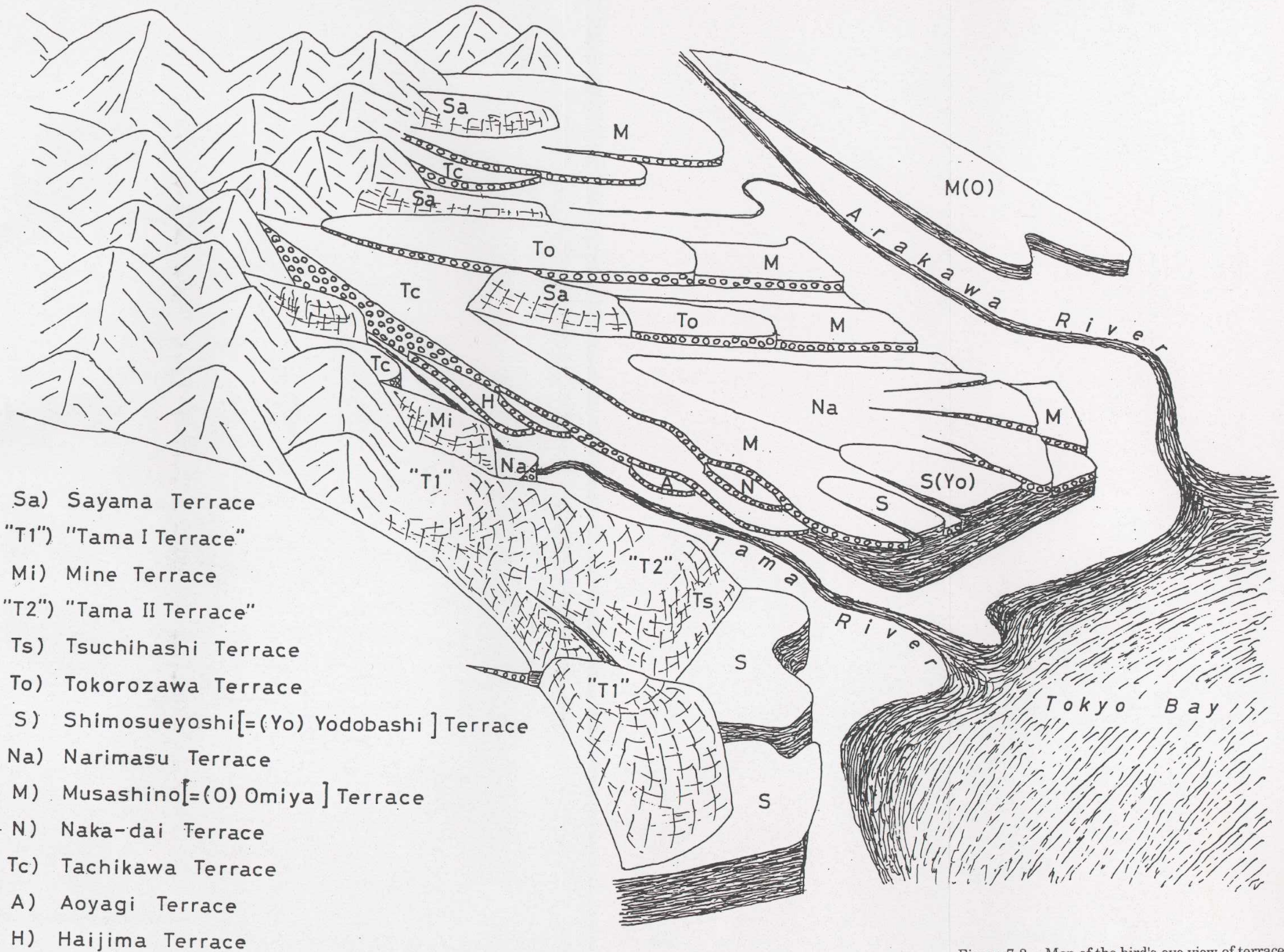


- Q) Yorii-Fukaya R) Iruma Plateau
S) Honjo Plateau T) N side of Sayama Hills
U) S side of Sayama Hills



- V) Koma River W) Arakawa River
X) Iruma River Y) Kanna River
Z) Tama River

Figure 7-2. Cross sections of terraces to the respective ages.



- Sa) Sayama Terrace
- "T1") "Tama I Terrace"
- Mi) Mine Terrace
- "T2") "Tama II Terrace"
- Ts) Tsuchihashi Terrace
- To) Tokorozawa Terrace
- S) Shimosueyoshi [= (Yo) Yodobashi] Terrace
- Na) Narimasu Terrace
- M) Musashino [= (O) Omiya] Terrace
- N) Naka-dai Terrace
- Tc) Tachikawa Terrace
- A) Aoyagi Terrace
- H) Haijima Terrace

Figure 7-3. Map of the bird's-eye view of terraces.

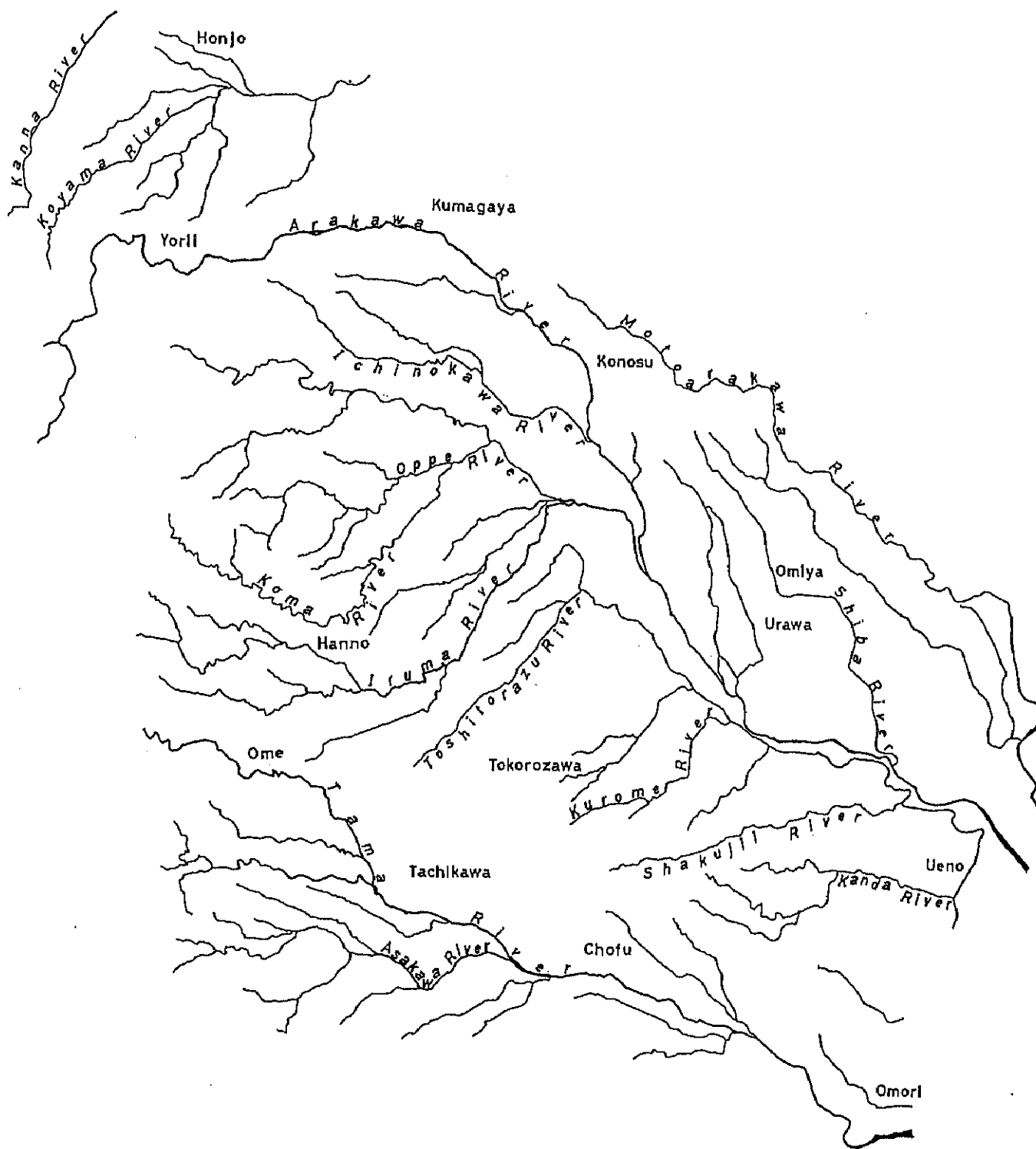
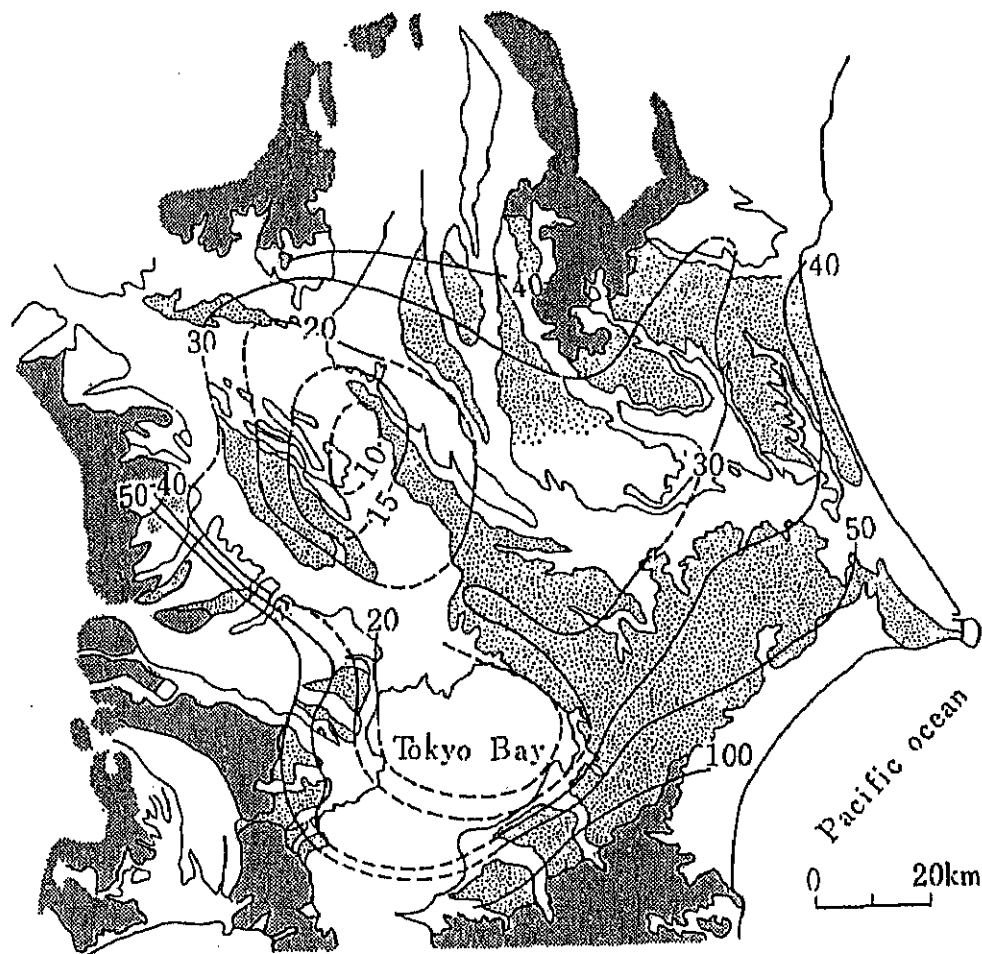
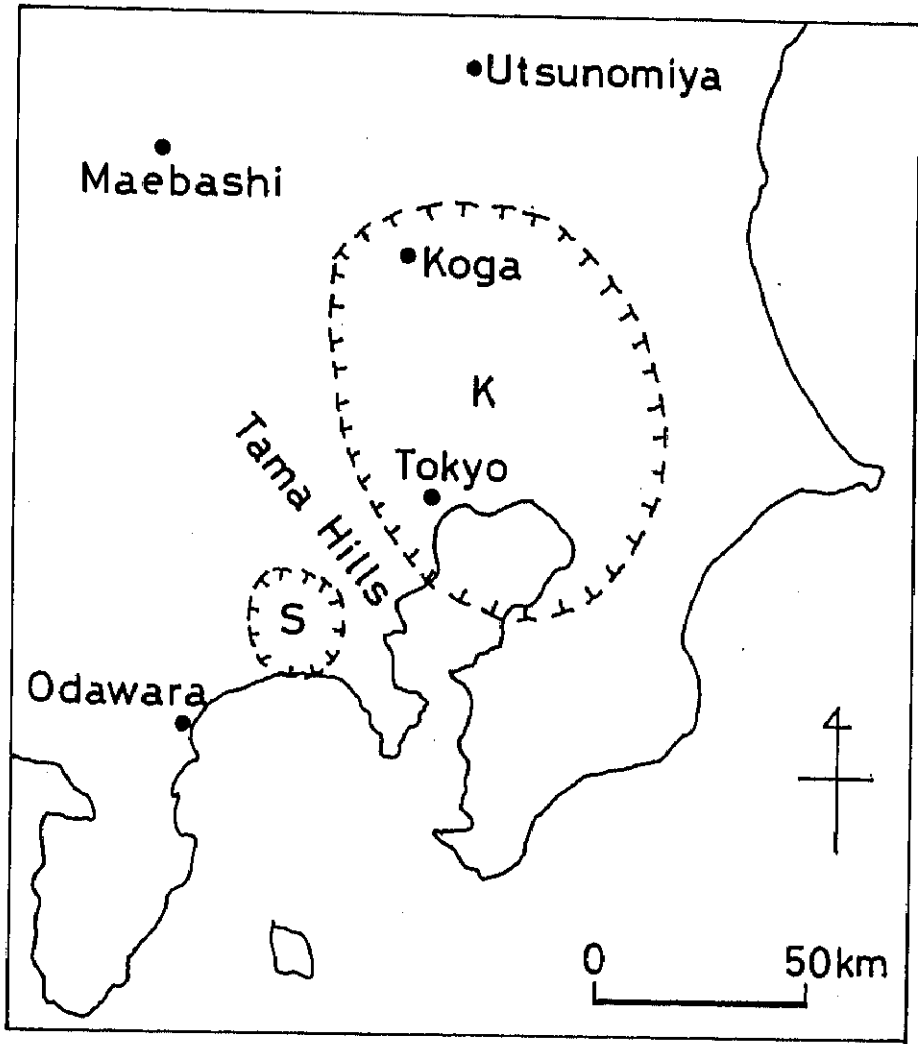


Figure 7-4. Map of the river system.



Numerals on the contour lines indicate elevation (in meters).
 Dotted area : Marine Shimosueyoshi surface.

Figure 7-5. Deformation of the surface of marine Shimosueyoshi Terrace
 (Naruse, 1966).



K: Kanto Tectonic Basin
S: Sagami Sedimentary Basin

Figure 7-6. Location map of the Kanto Tectonic and Sagami Sedimentary Basins and the Tama Hills.