

Kubota

Geological Cross-Section Diagram of the Osaka Plain

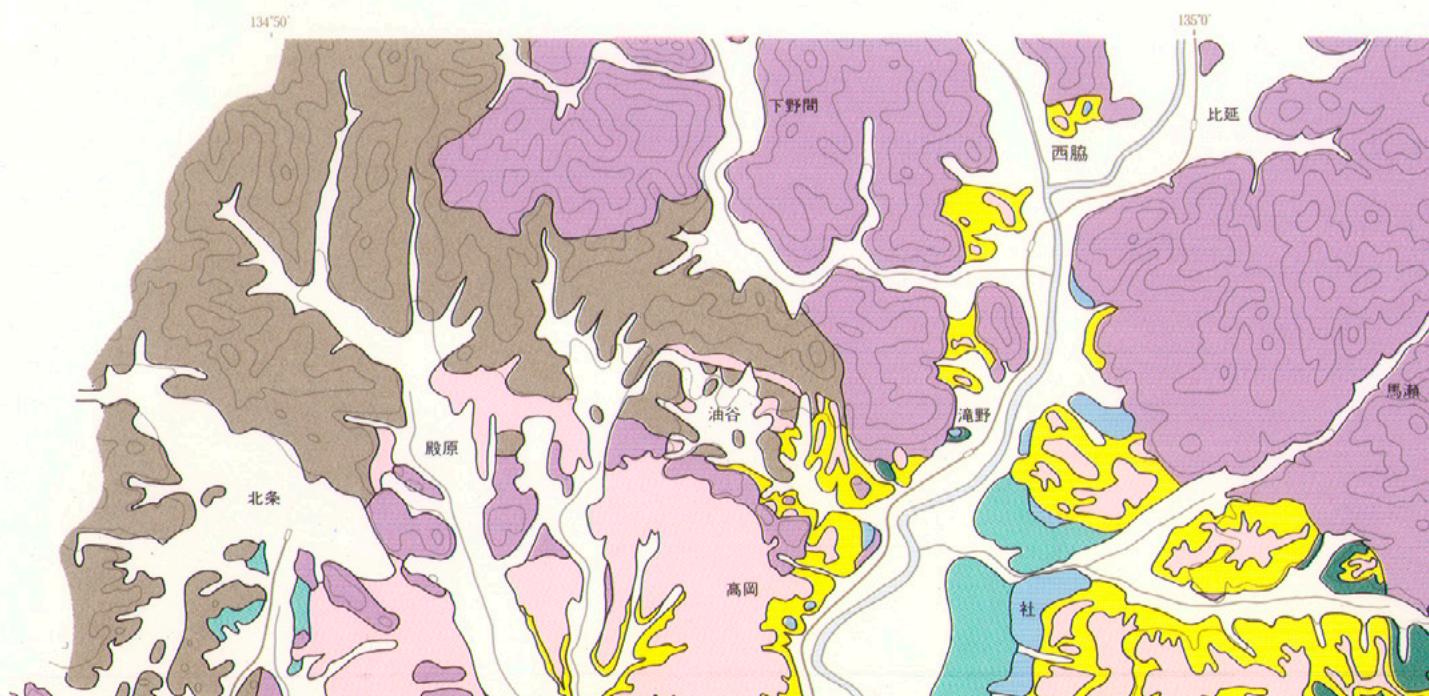
This diagram illustrates the geological history of the Osaka Plain, spanning from the Paleozoic to the Quaternary. It shows the stratigraphy of the大阪層群 (Osaka Group) and other geological units, along with various geological features.

Legend:

- Volcanic Rocks (二上層群火山岩類):** 火山岩類 (鍋山・三笠・室生), Volcanic Rocks
- Sedimentary Rocks (堆積岩類):** 堆積岩類 (神戸・二上・藤原・礪喜層群など), Sedimentary Rocks
- Izumi Group (和泉層群):** 和泉層群, Izumi Group
- Granitic Rocks and Dike Rock (花崗岩類・脈岩類など):** 花崗岩類 (六甲花崗岩・茨木複・脈岩類など), Granitic Rocks and Dike Rock
- Ryoke Complex (領家複合岩類):** 領家複合岩類 (領家花崗岩類・領家変成岩類), Ryoke Complex
- Sambagawa Metamorphic Rocks (三波川変成岩類):** 三波川変成岩類 (三波川結晶片岩), Sambagawa Metamorphic Rocks
- Tamba Group (丹波層群):** 丹波層群, Tamba Group
- Fault (断層):** 断層, Fault
- Deep Borehole (深層ボーリング):** 深層ボーリング, Deep Borehole
- Borehole for hot spring (温泉ボーリング):** 温泉ボーリング, Borehole for hot spring

Geological Units and Stratigraphy:

Period	Quaternary			Pleistocene			Middle terrace Deposits			Upper terrace Deposits			Lower terrace Deposits			Recent Alluvial Deposits			Reclaimed Tract					
	Plio	Early	Middle	Ma6	Ma11	Ma12	Ma13	Ma13	Ma13	Ma13	Ma13	Ma13	Ma13	Ma13	Ma13	Ma13	Ma13	Ma13	Ma13					
Newer Neogene	大阪層群 Osaka Group			大阪層群上部 (Ma6層上限を境にして2分) Upper Part			大阪層群下部 (アズキ火山灰層下限～ 福田火山灰層の上限) Lower Part			大阪層群最下部 Lowermost Part			大阪層群 Osaka Group			大阪層群 Osaka Group			大阪層群 Osaka Group					
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大阪とその周辺地域

QUATERNARY GEOLOGICAL MAP OF OSAKA

甲山・嶽山
(山岩など)

地獄谷・

含花崗岩體

Groups

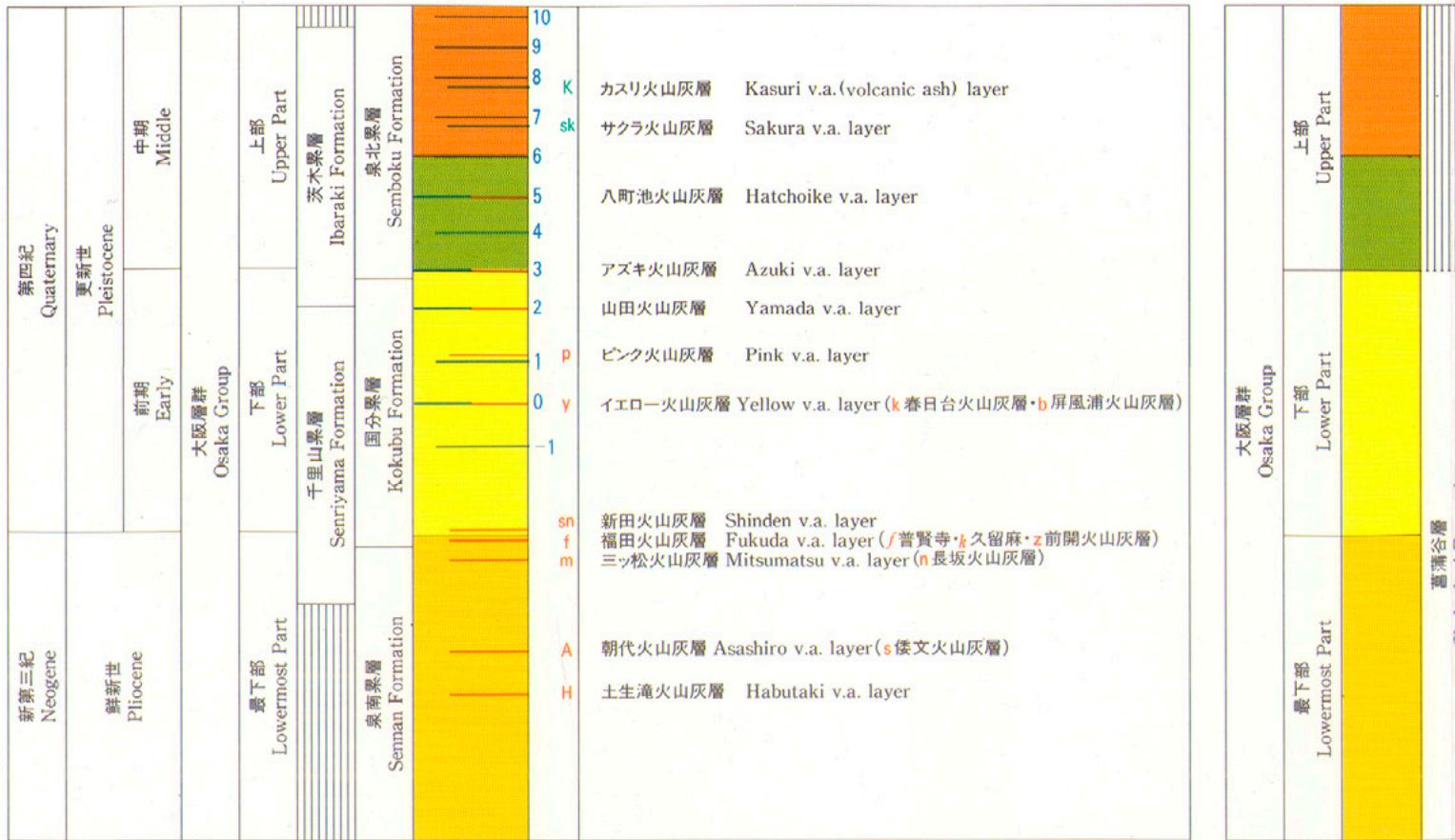
類)
ks

大阪層群の層序と主要な鍵層

Stratigraphy of the Osaka Group, and important key layers and beds in the Osaka Group

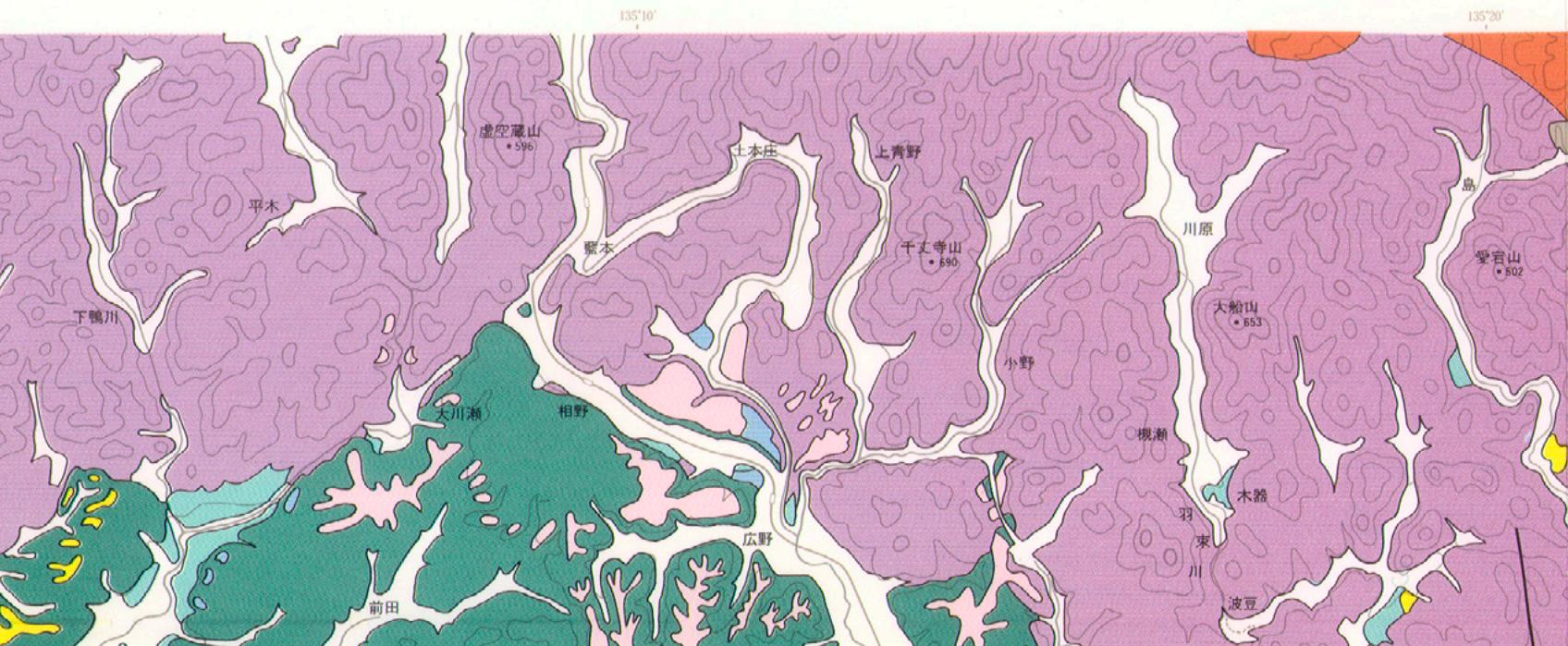
大阪層群と菖蒲谷層・篠

Correlation of the Osaka Gro



-1.0.1 10はMa(海成粘土層)ナンバーを、 H.A.m. kは大阪地域の火山灰層名を示す。(s,n,z, k)内の火山灰層は奈良・明石・淡路島地域のものである。

$-10.1, \dots, 10$ are Ma numbers, which mean Nos. of marine clay beds. H, A, m, \dots, k show volcanic ash layers in Osaka area, and s, n, z, \dots, k in parentheses show volcanic

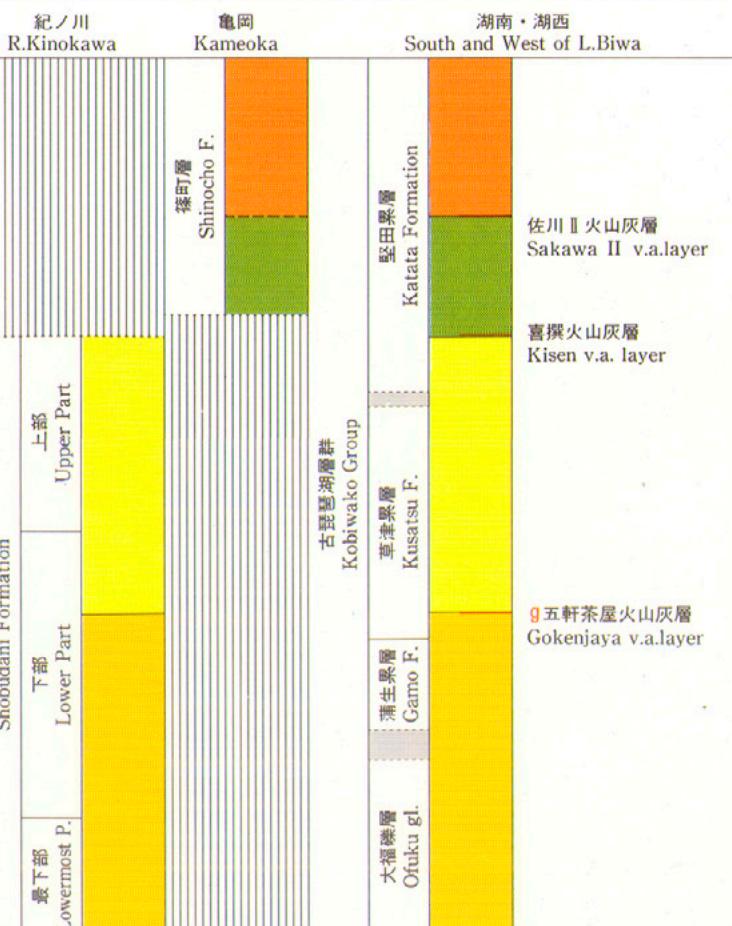


或の第四紀地質図

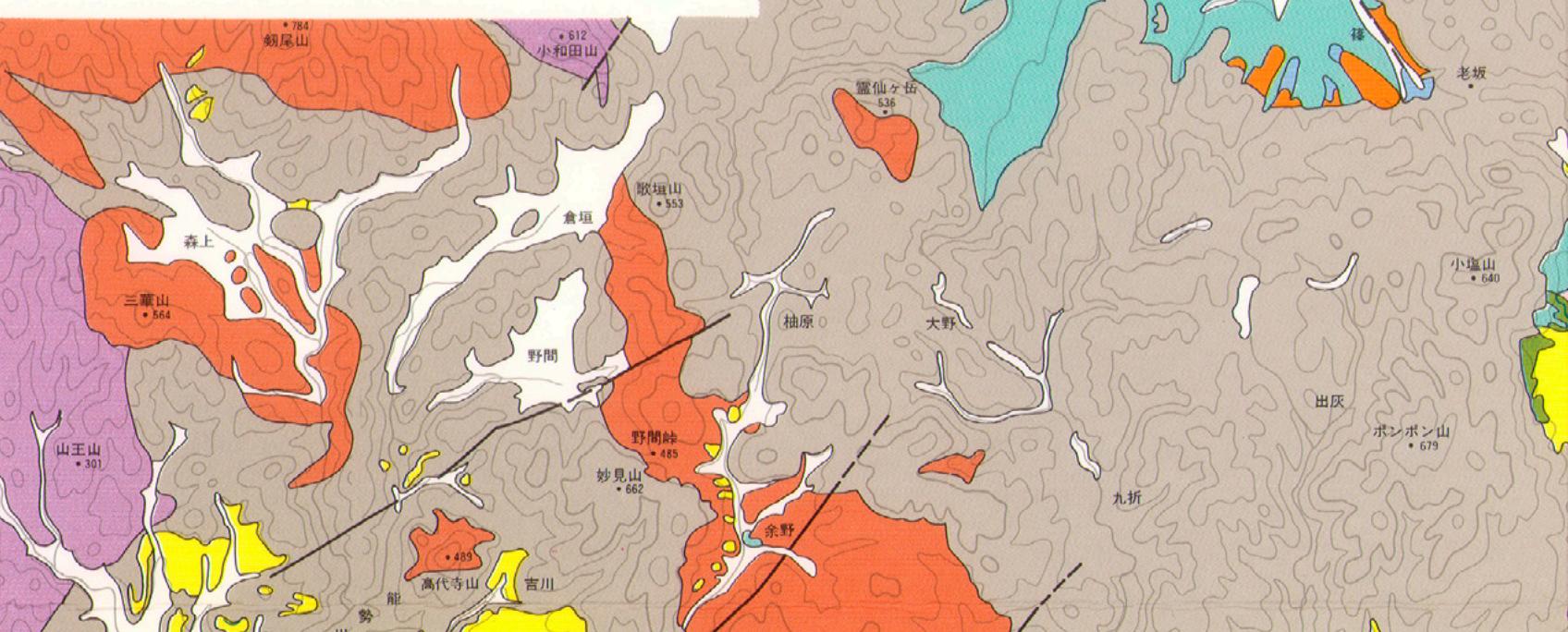
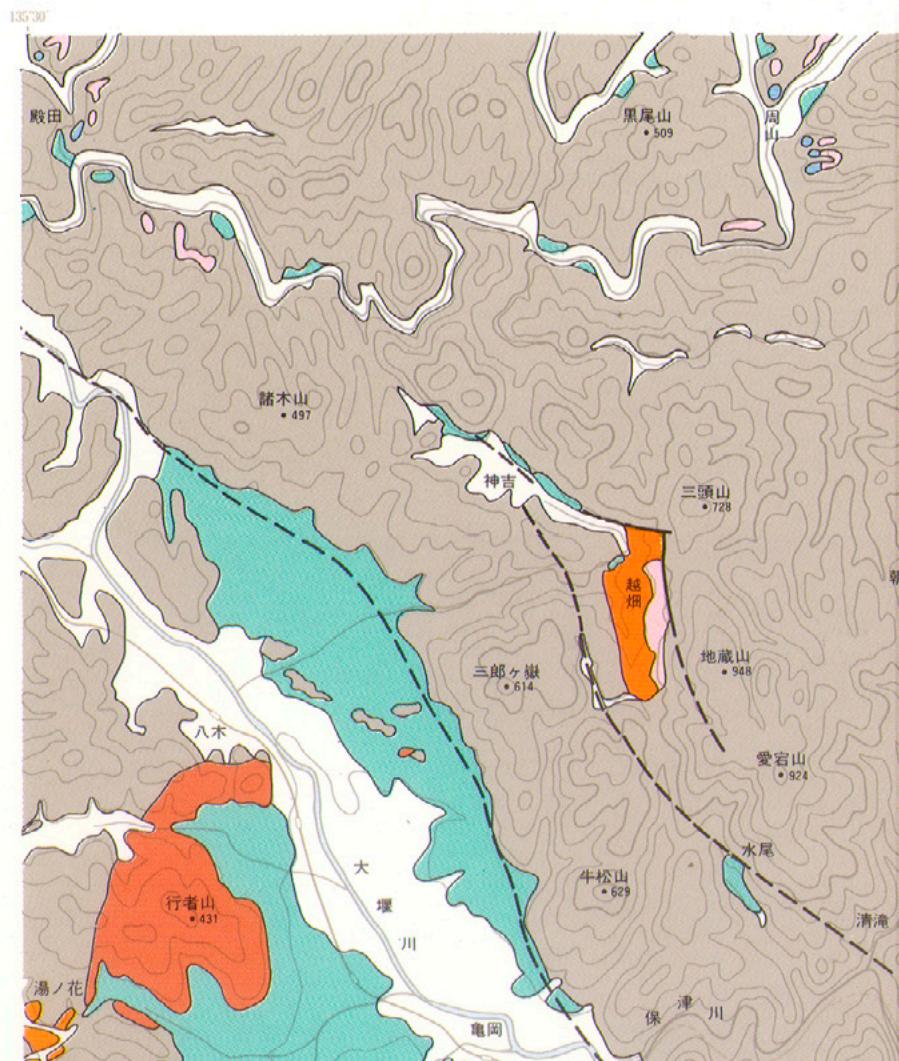
KA AND ADJACENT AREAS, KINKI, JAPAN

町層・古琵琶湖層群との対比

Up with the Shobudani Formation, the Shinocho Formation and the Kobiwako Group



anic ash layers in Nara and Akashi areas and Awaji Island.



原 実・吉川周作・三田村宗樹(大阪市立大学),
野清秀(地質調査所), 林 隆夫(西浦高校)
Surveyed by Minoru ITHIARA・Shusaku YOSHIKAWA・Muneki
MITAMURA(Osaka City University), Kiyohide MIZUNO
Geological Survey of Japan) and Takao HAYASHI(Nishiura
High School)

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Bibliographic Reference

ITHIARA, M., YOSHIKAWA, S., MITAMURA, M., MIZUNO, K. and HAYASHI, T. (1991)
1:125,000 "Quaternary Geological Map of Osaka and Adjacent Areas, Kinki,
Japan". *Urban Kubota*, no. 30.

