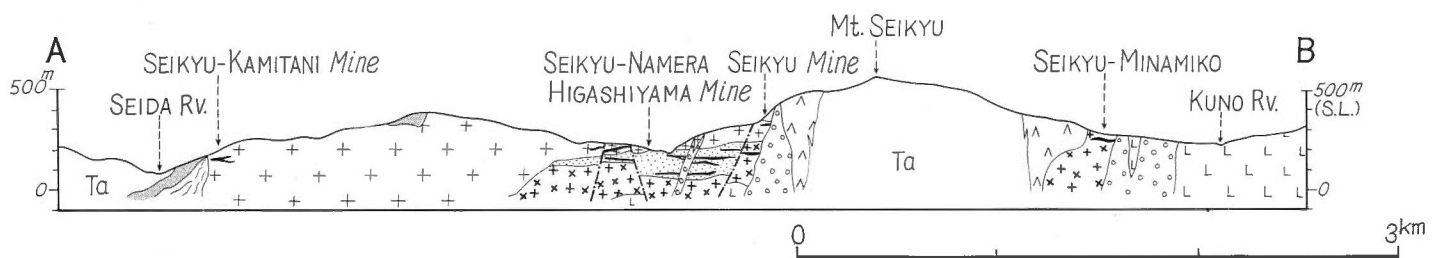
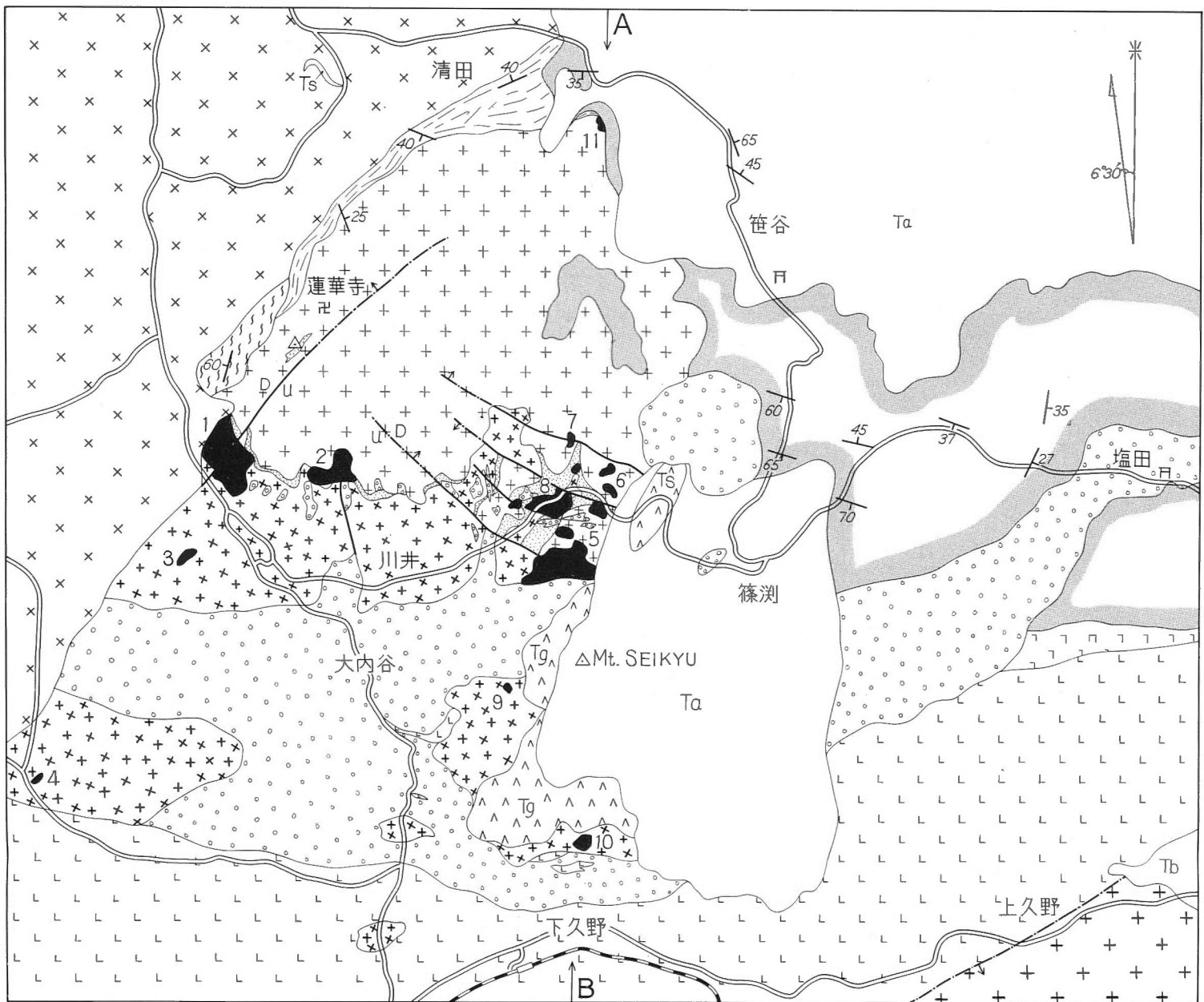


第1図 西南日本内帯の白亜紀～古第三紀の噴出岩類・花崗岩質岩類の分布とMo・W鉱床の位置

Distribution of the Cretaceous to early Tertiary igneous rocks with scale and location of the major molybdenum and tungsten deposits, Southwest Japan.

Name of mines: Mo-deposits 1 Kokurobe, 2 Hirase & Shirakawa-suien, 3 Bushoji, 4 Kamo, 5 Yamasa, 6 Daito, Seikyū & Higashiyama, 7 Komaki, 8 Sase, 9 Osa & Kakega; W-deposits, 10 Ebisu, Togane & Fukuoka, 11 Otani, 12 Kaneuchi & Wachi, 13 Ibara & others, 14 Setoda, 15 Kuga, Fujigadani, Kiwada & others



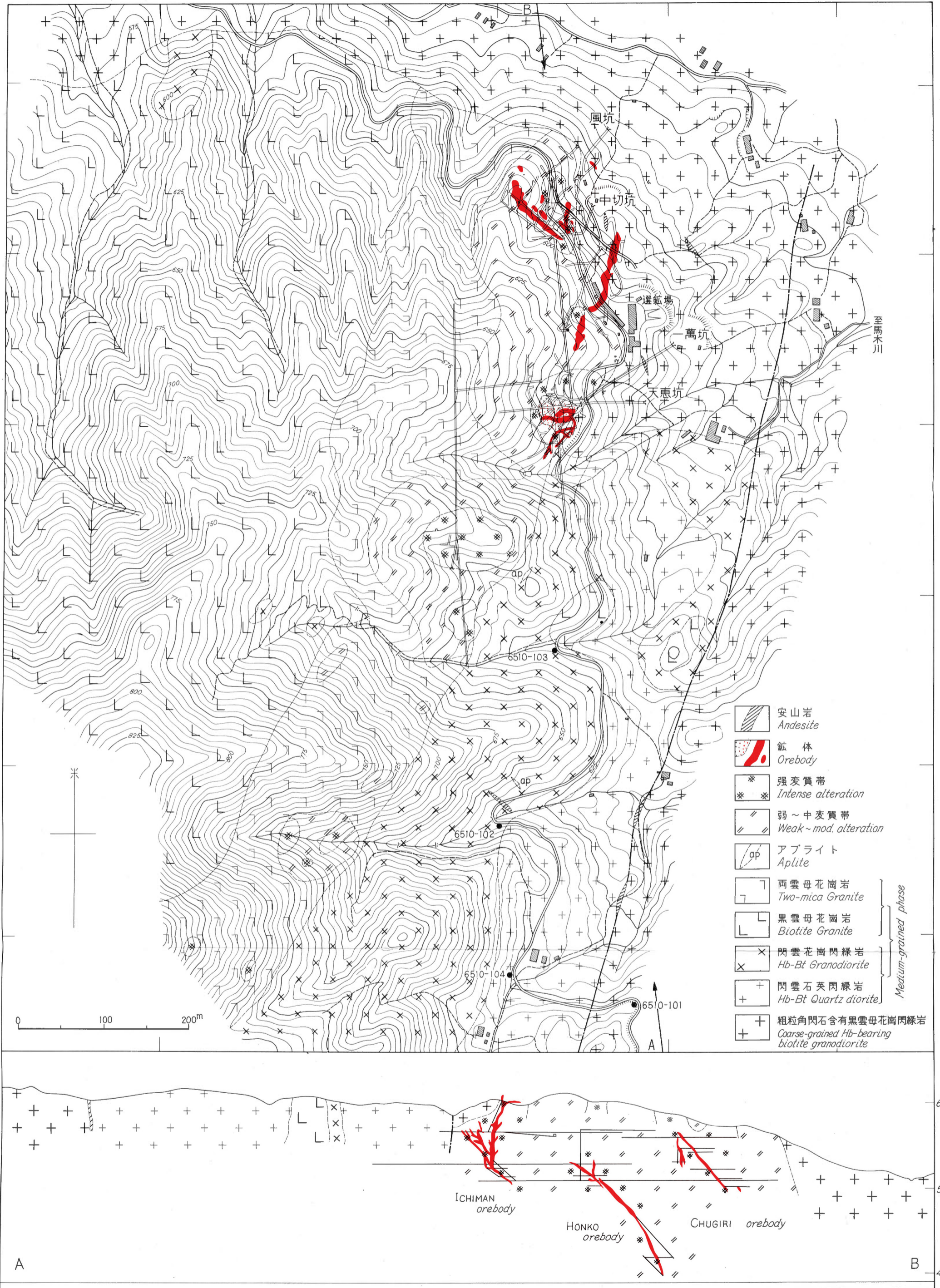
- |  |                                    |                           |   |
|--|------------------------------------|---------------------------|---|
| Ts   | Spherulite                         | + +                       | RENGEJI granodiorite (57 b Gd <sub>5</sub> )  |
| Tb   | Basalt                             | Hgs                       | Gneissose hornfels (Hgs)                      |
| Ta   | Andesite and its pyroclastic rocks | Hfs                       | Schistose hornfels (Hfs)                      |
| Tg   | Quartz gabbro                      | + +                       | Yokota granite (35 b G <sub>2</sub> )         |
| OUCHIDANI granite (57 b Gp <sub>2</sub> )      |                                    | x x                       | DAITO granodiorite (45 b/h Gd <sub>11</sub> ) |
| SHIMOKUNO aplite (102 b G <sub>1</sub> )       |                                    | Rhyolitic (welded) tuff   |   |
| YAMASA leucogranite (100 b/m G <sub>2</sub> )  |                                    | Schistosity and foliation |   |
| Lencogranite-Complex (137 b/m G <sub>2</sub> ) |                                    | Molybdenite deposits      |   |
| KAWAI hybrid (132 b/h Gd <sub>11</sub> )       |                                    | Fault                     |   |

第8図 大東モリブデン鉱床地域の地質と断面

Geology of the Daito molybdenum area.

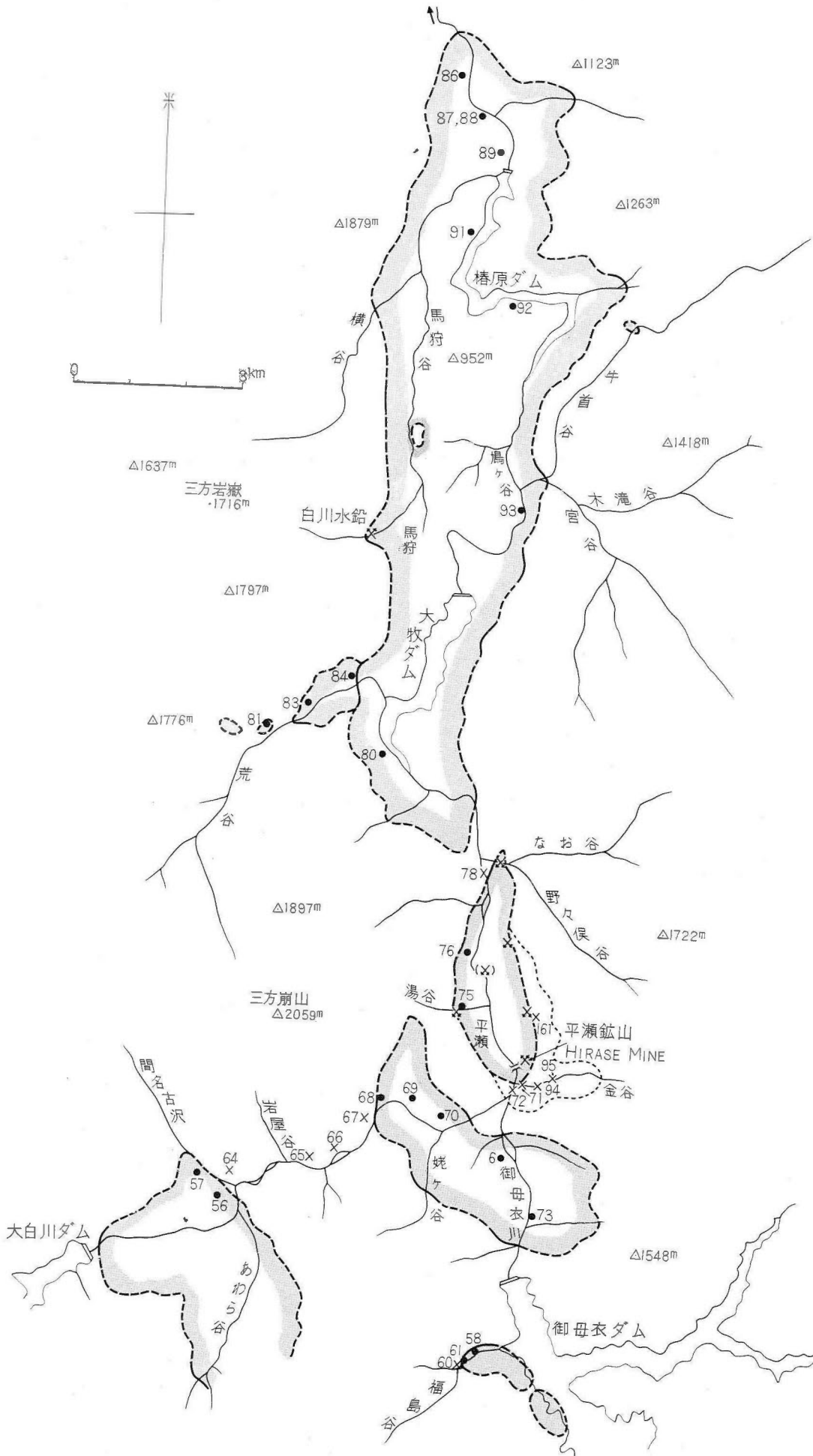
Name of ore deposits: 1 Daito, 2 Daito-Hinotani,  
3 Daito-Orisakadani, 4 Sase, 5 Seikyu,  
6 Seikyu-Namera, 7 Higashiyama-Ashidani  
8 Higashiyama, 9 Seikyu-Mineyama,  
10 Seikyu-Minamiko, 11 Seikyu-Kamitani





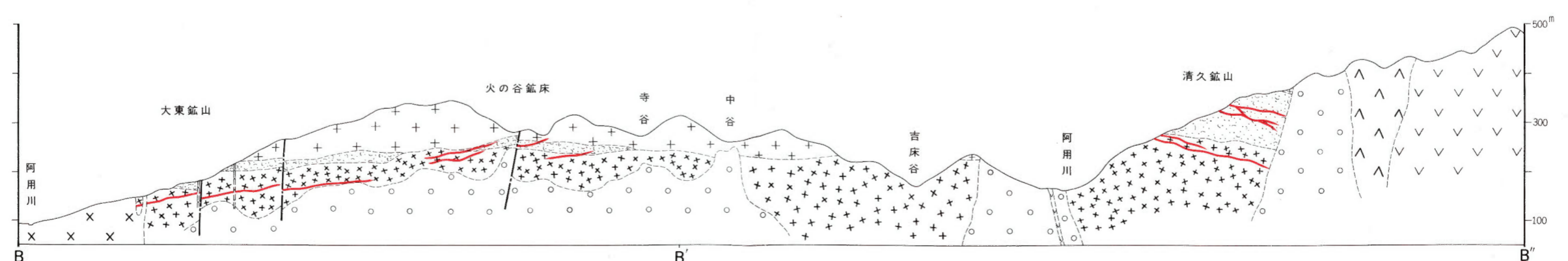
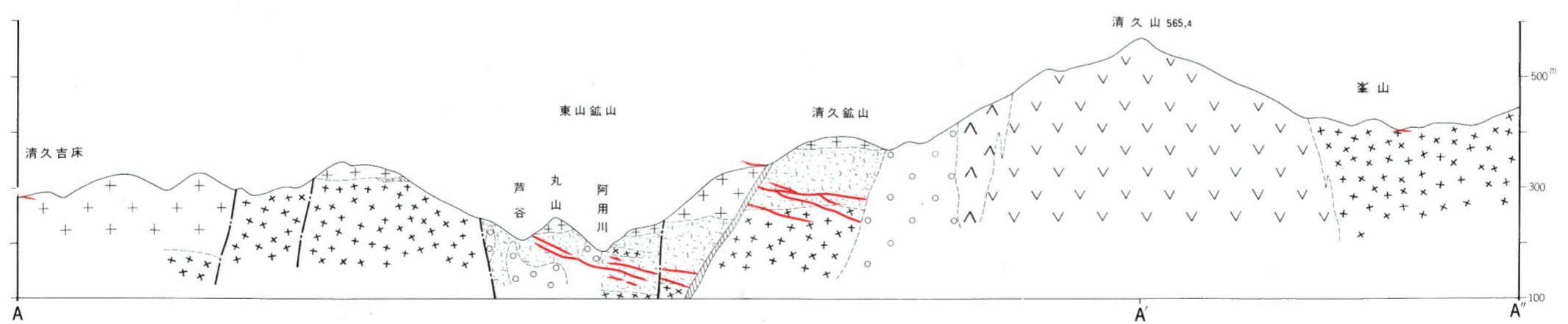
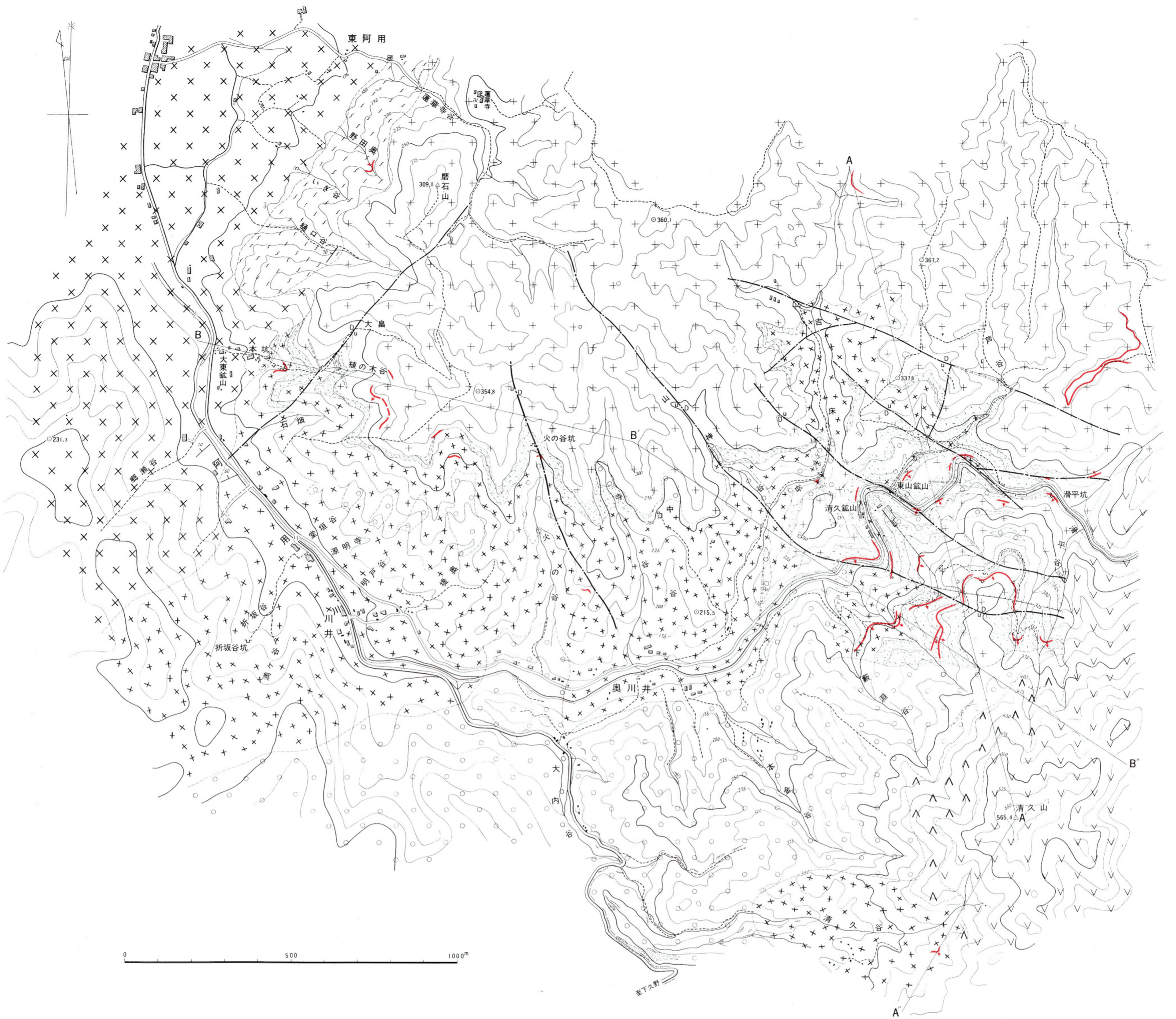
第19図 小馬木鉱床周辺の地質と分析試料の位置  
 Geology of the Komaki mine area and location of the analyzed specimens.





第22図 白川地域花崗岩質岩石の分布と分析試料の位置  
 Distribution of granitic rocks and location of the analyzed specimens, Shirakawa area.

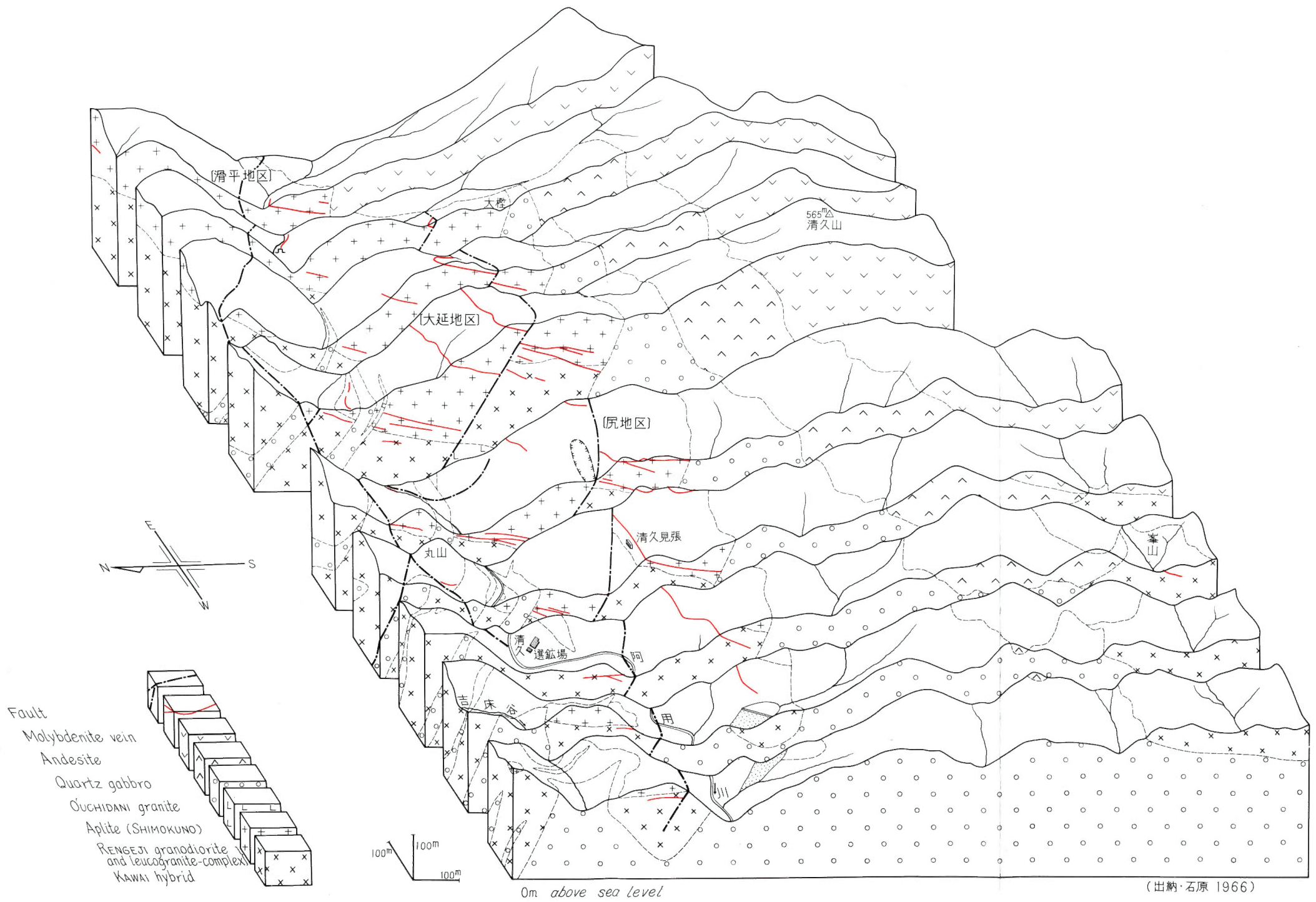




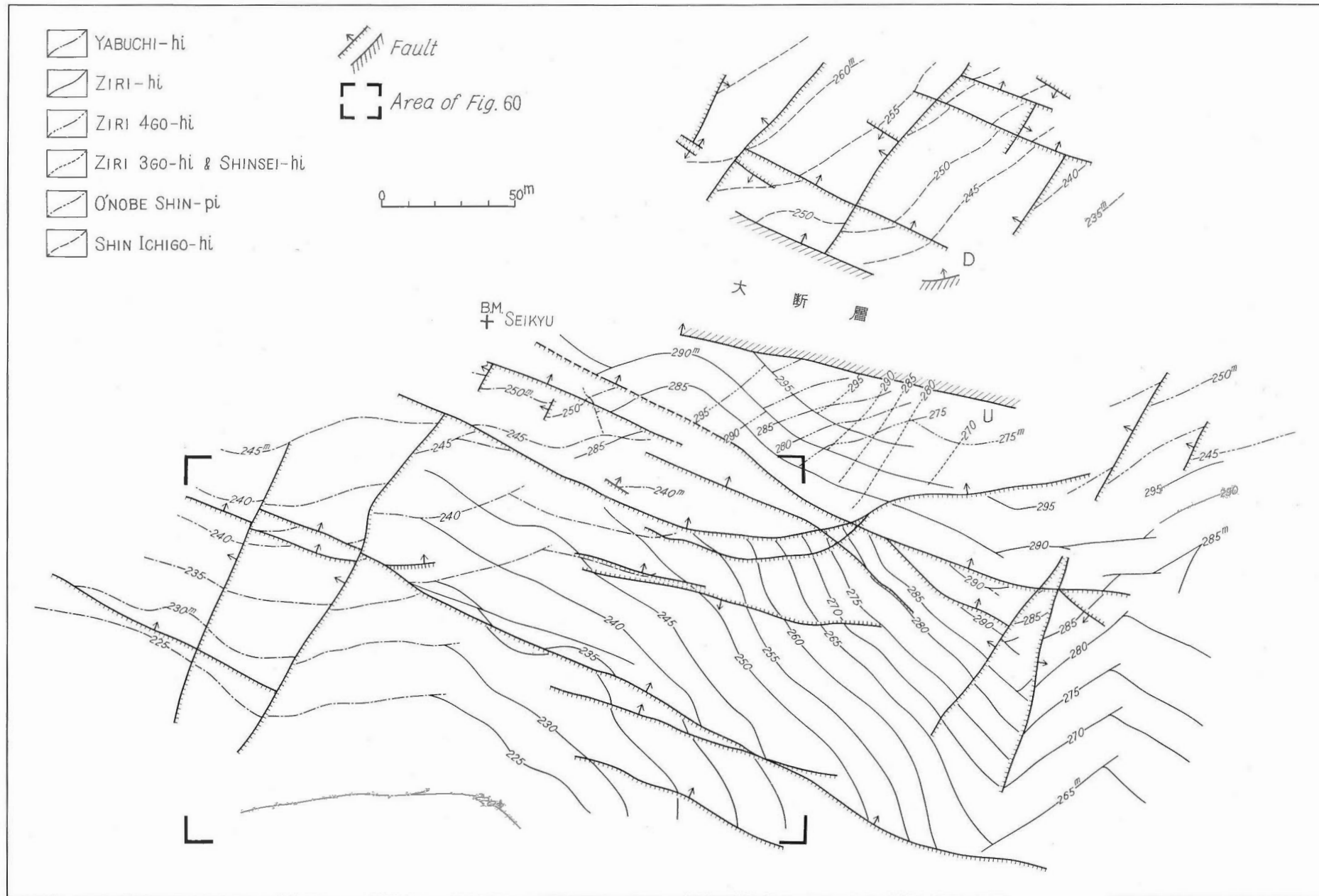
- |                    |                    |                      |                         |                      |        |
|--------------------|--------------------|----------------------|-------------------------|----------------------|--------|
| DAITO granodiorite | Schistose hornfels | RENGEJI granodiorite | KAWAI hybrid            | Leucogranite-complex | Aplite |
| OUCHIDANI granite  | Quartz gabbro      | Andesite             | Gneissosity & foliation | Molybdenite vein     | Fault  |

第52図 大東Mo鉱床地域の地質と断面  
Geology of the Daito molybdenum area.



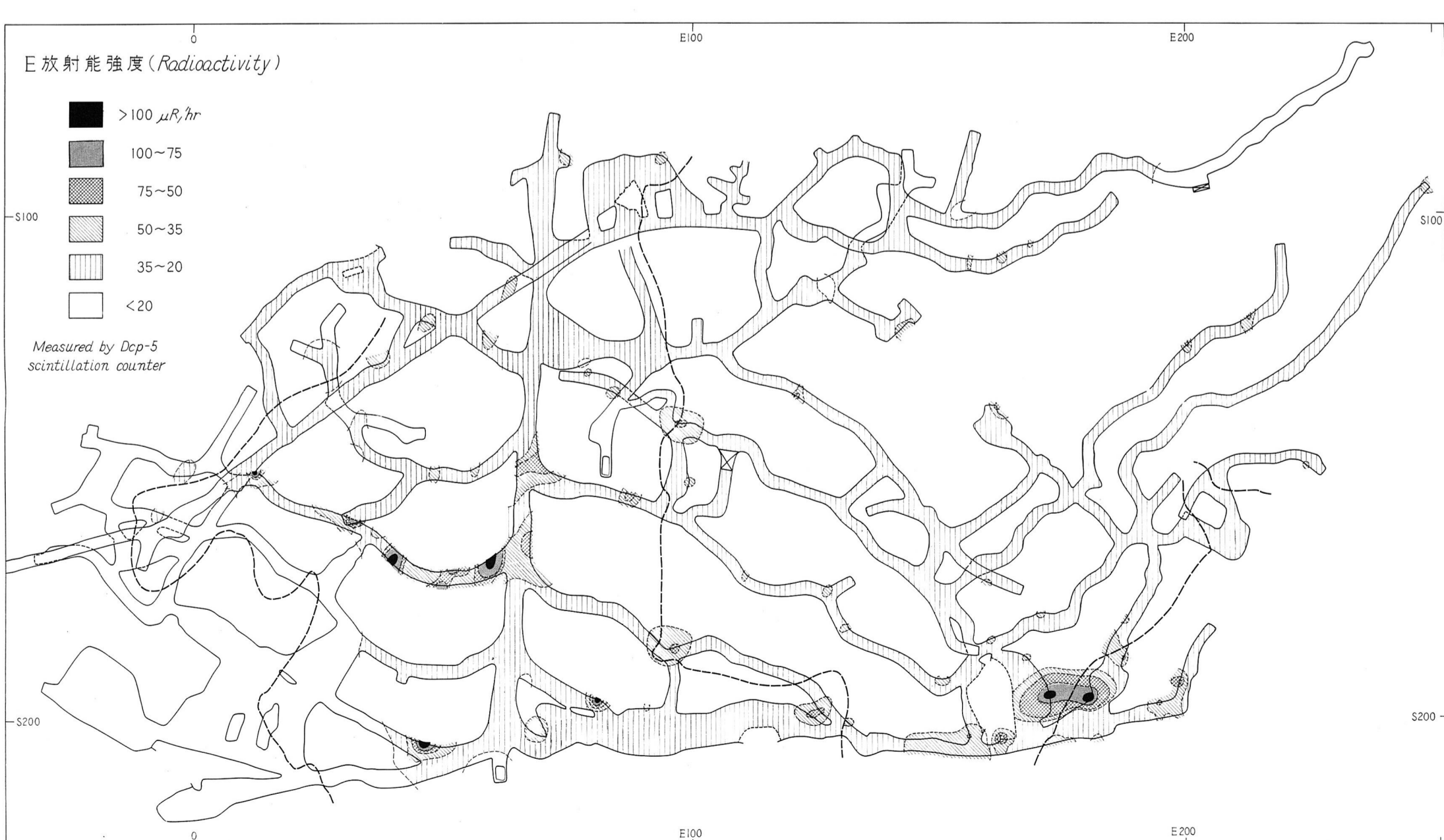
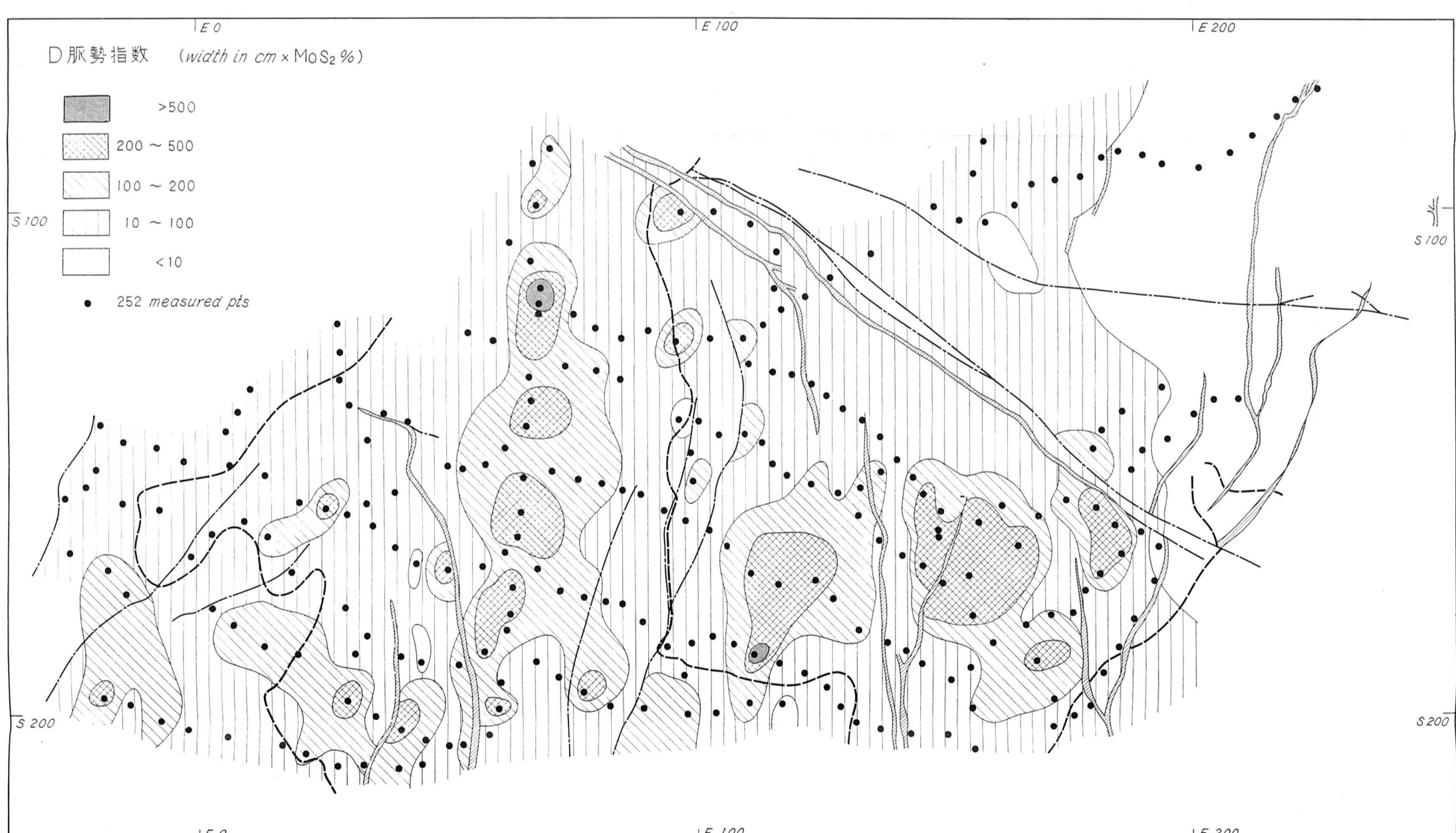
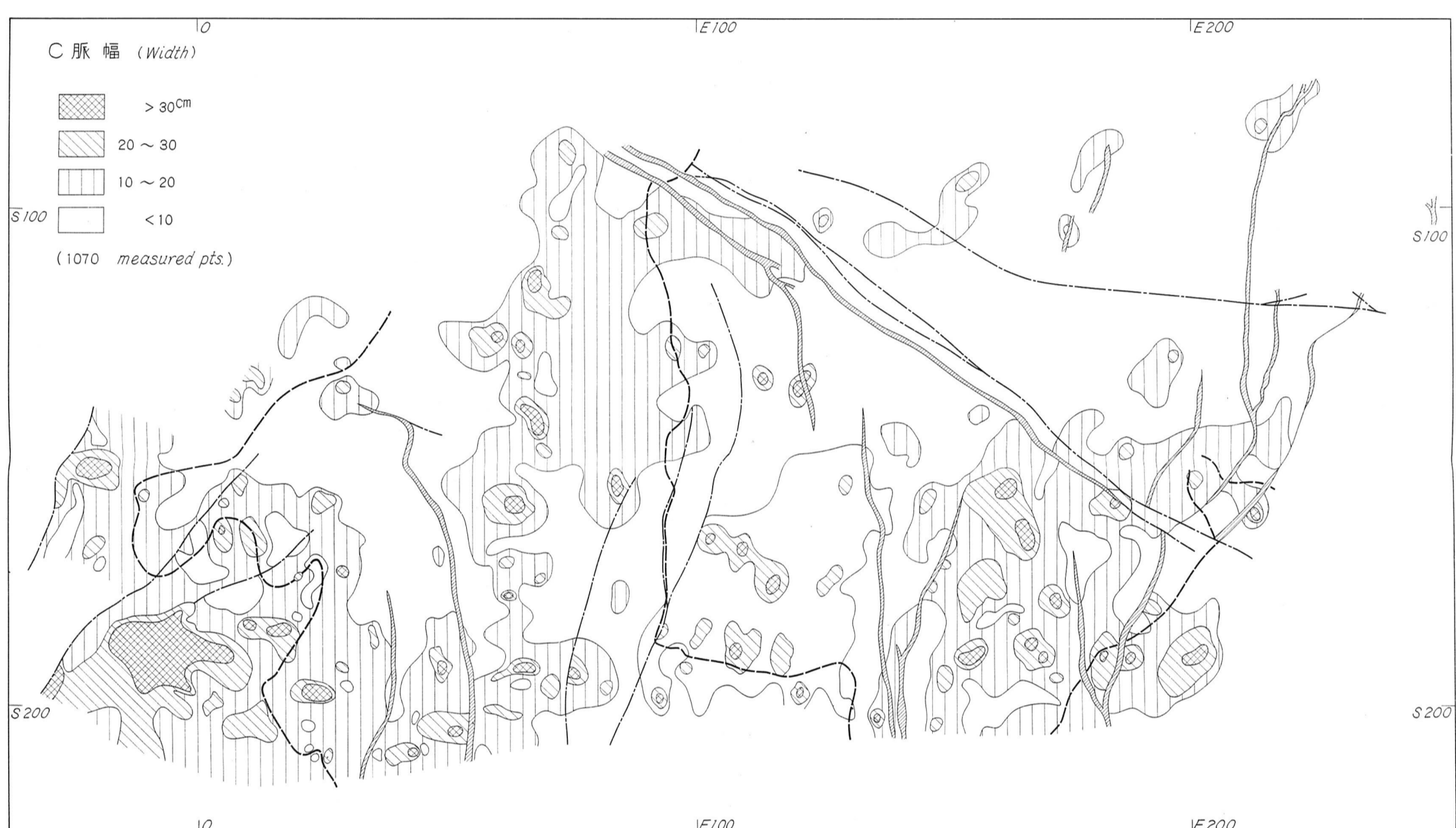
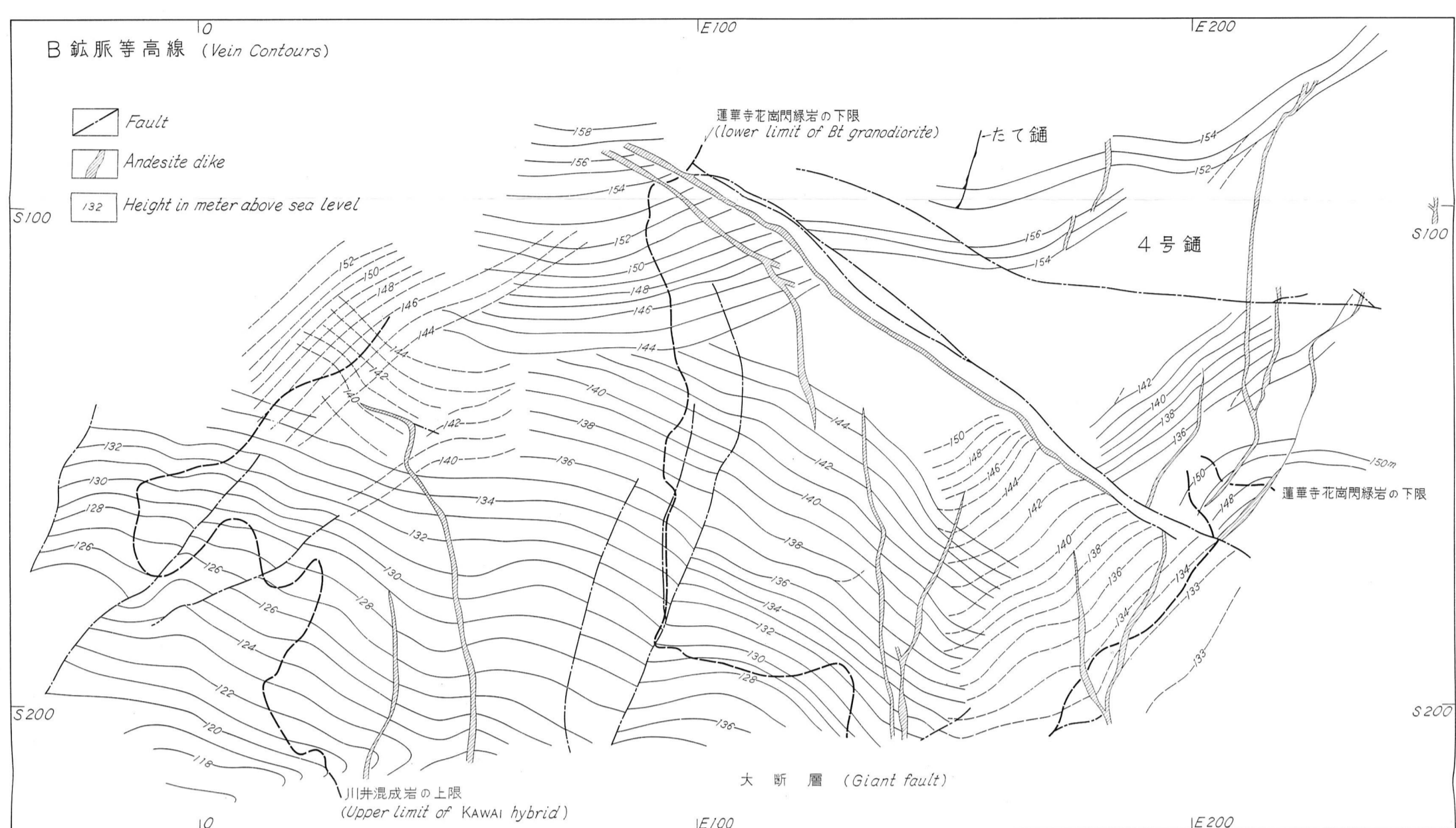
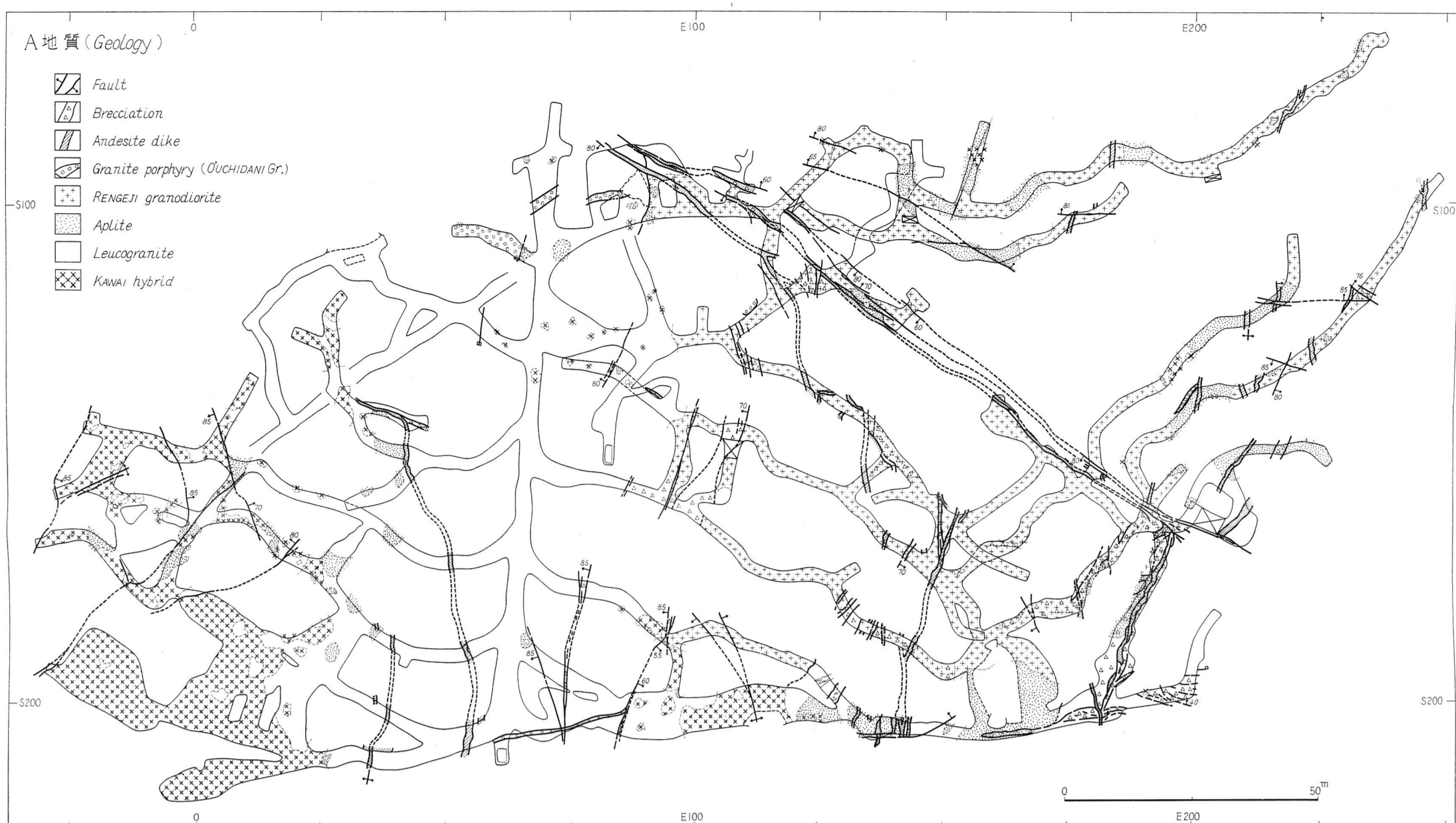












(出納・石原, 1966)

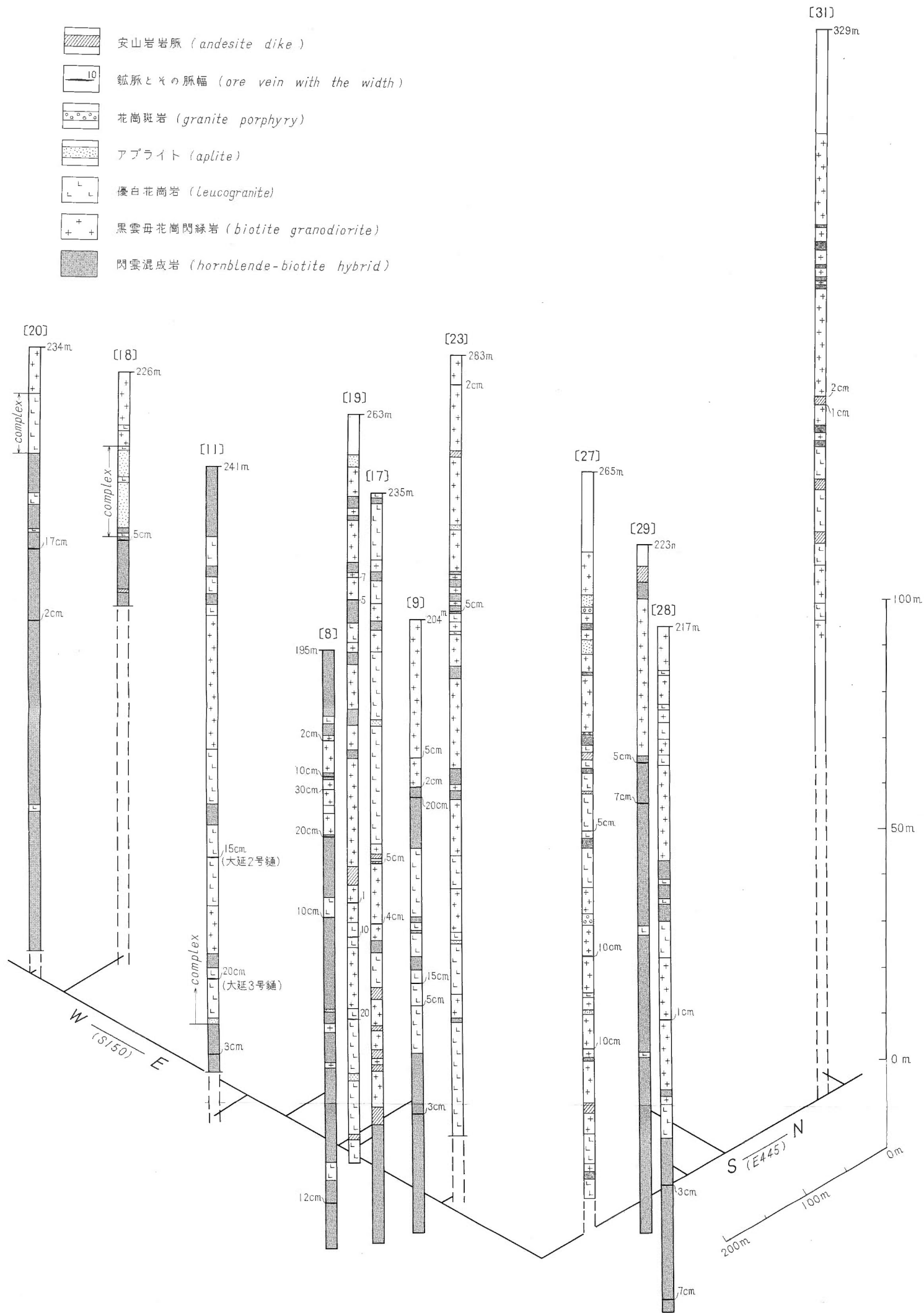
第59図 清久鉱床主要鉱脈の等高線  
 Subsurface contours of major ore veins in the Seikyū mine.



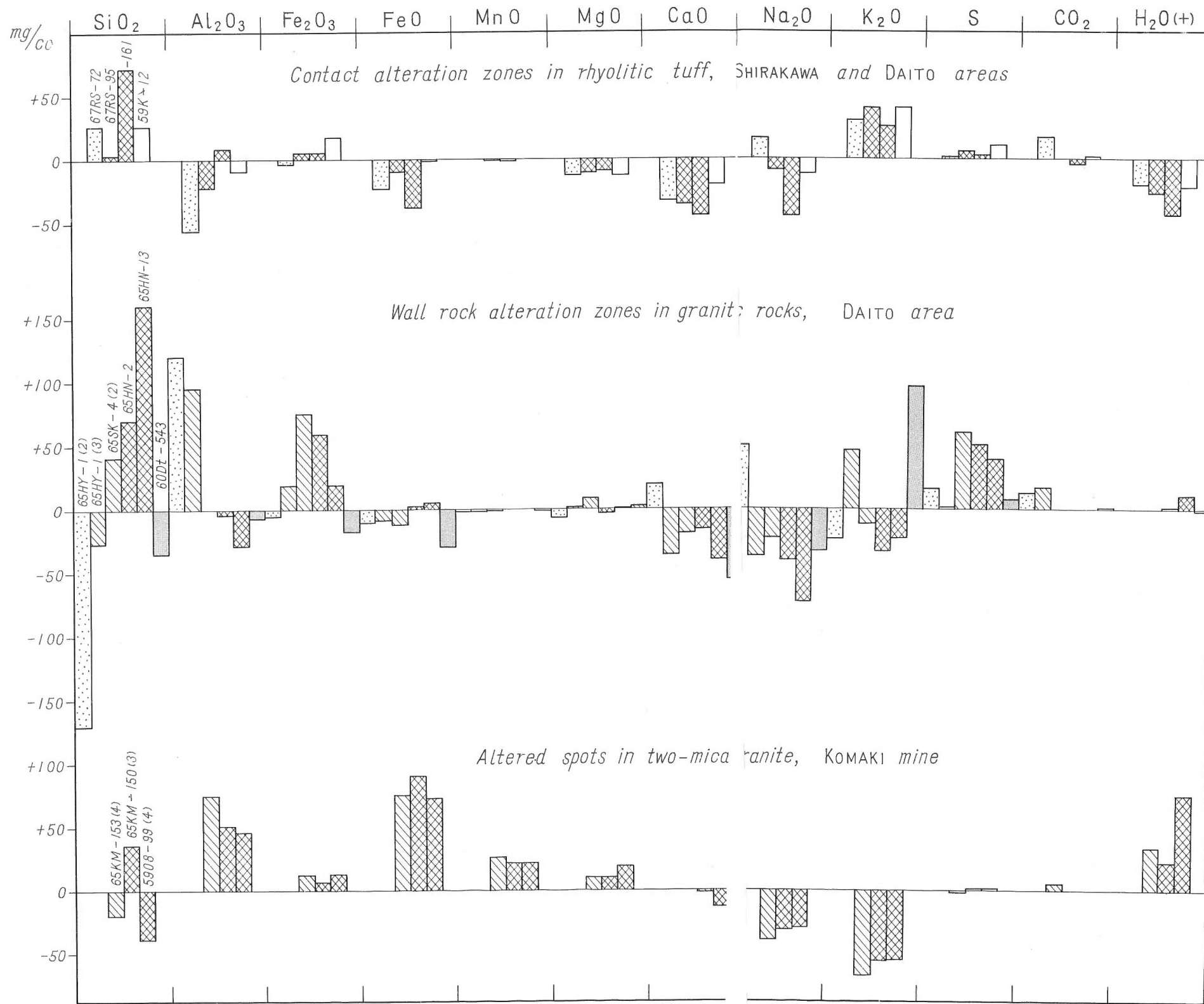
第67図 東山大延3号 鋪の諸性質  
Geology of Onobe No. 3 vein, Higashiyama mine.



-  安山岩岩脈 (andesite dike)
-  鉱脈と其の脈幅 (ore vein with the width)
-  花崗斑岩 (granite porphyry)
-  アプライト (aplite)
-  優白花崗岩 (leucogranite)
-  黒雲母花崗閃緑岩 (biotite granodiorite)
-  閃雲混成岩 (hornblende-biotite hybrid)

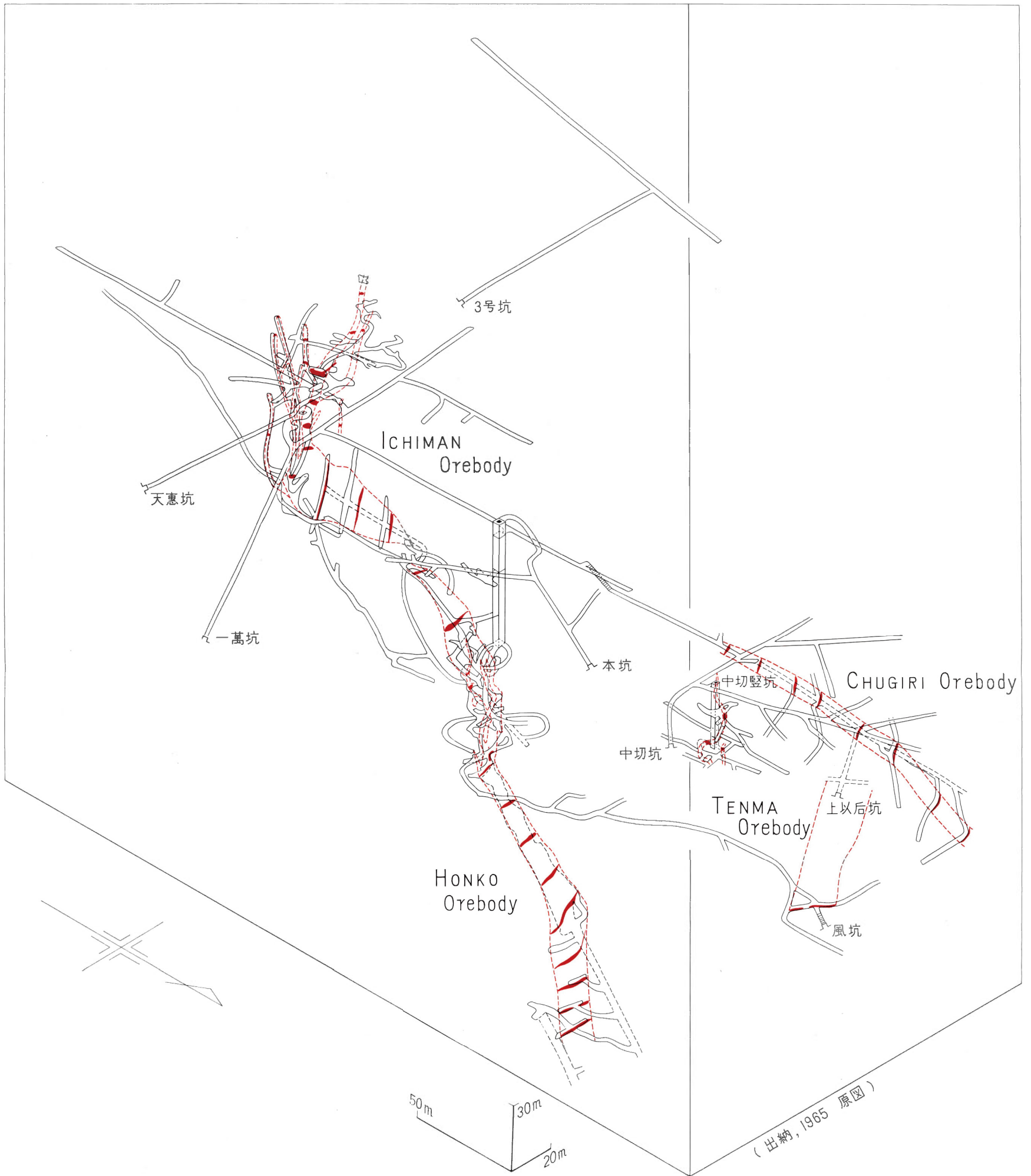


第70図 試錐資料による東山大延鉱床における母岩の種類  
 Host-rock variation based on drill-core examination in the Onobe deposits, Higashiyama mine.

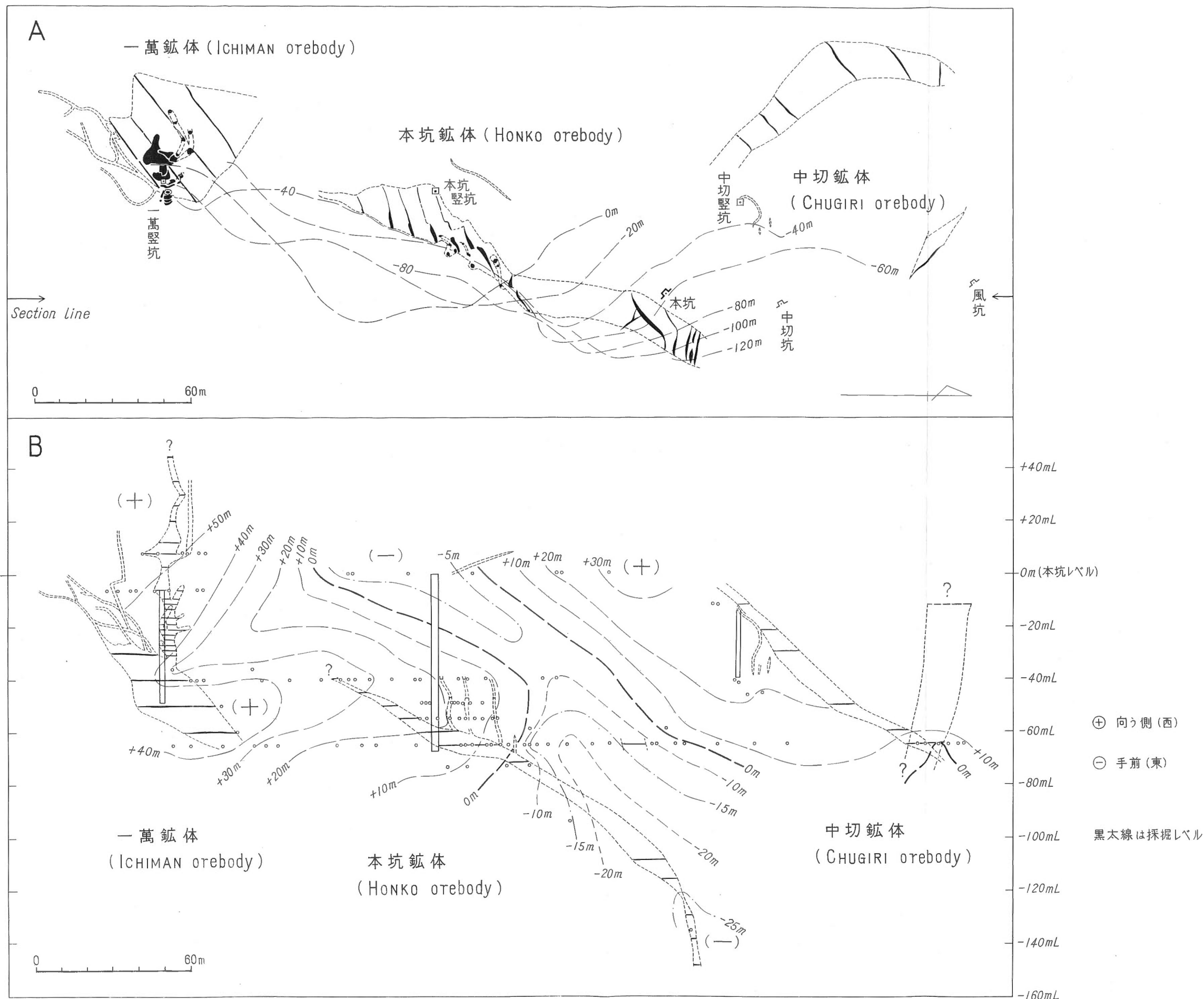


第81図 白川・大東・小馬木地域における変質による成分の増減  
 Loss and gain of various altered rocks in the Shirakawa and Komaki areas.



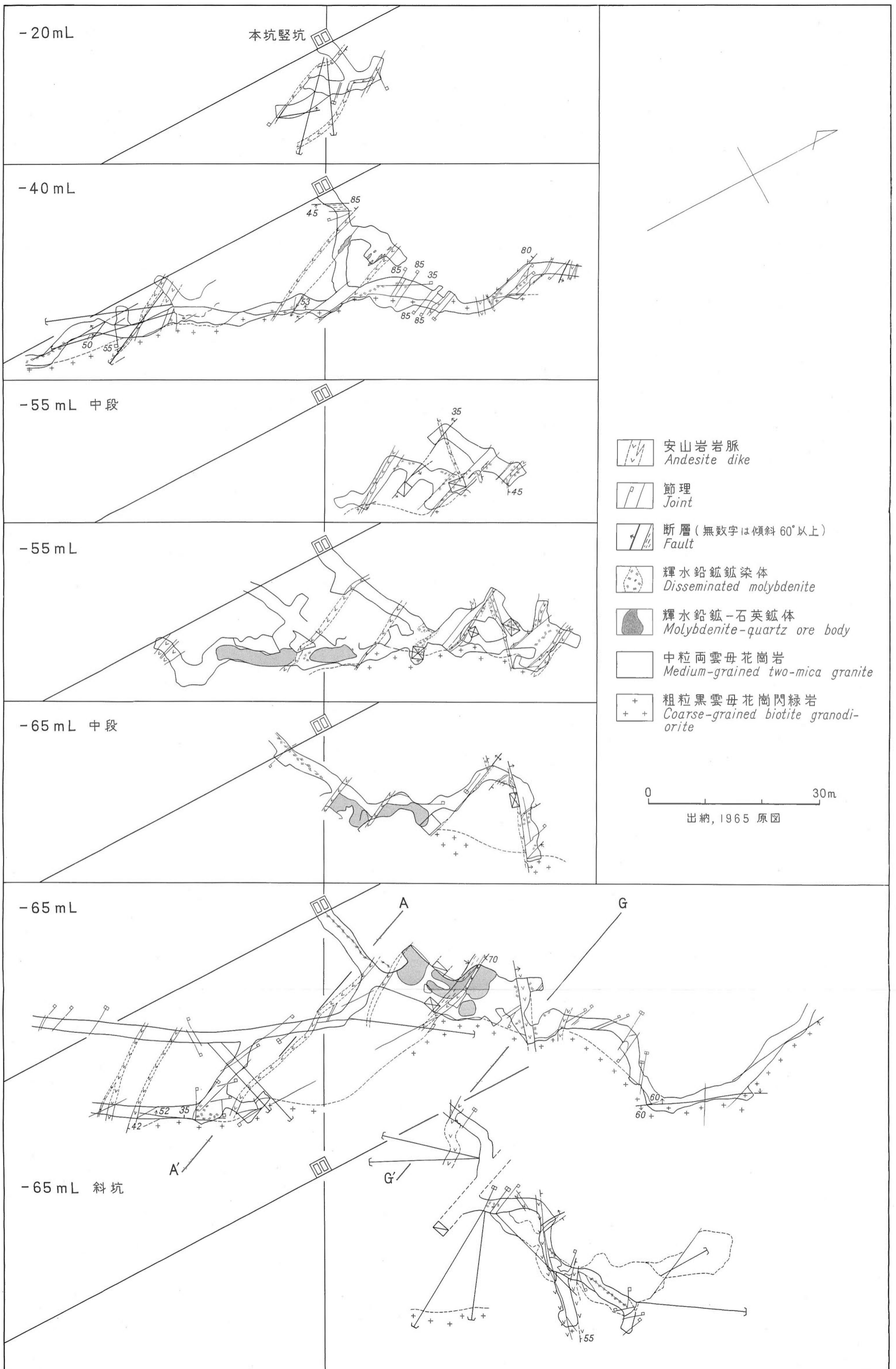


第86図 小馬木鉱山の主要坑道および諸鉱体の立体透視図  
 Spatial relation of major orebodies at the Komaki mine.



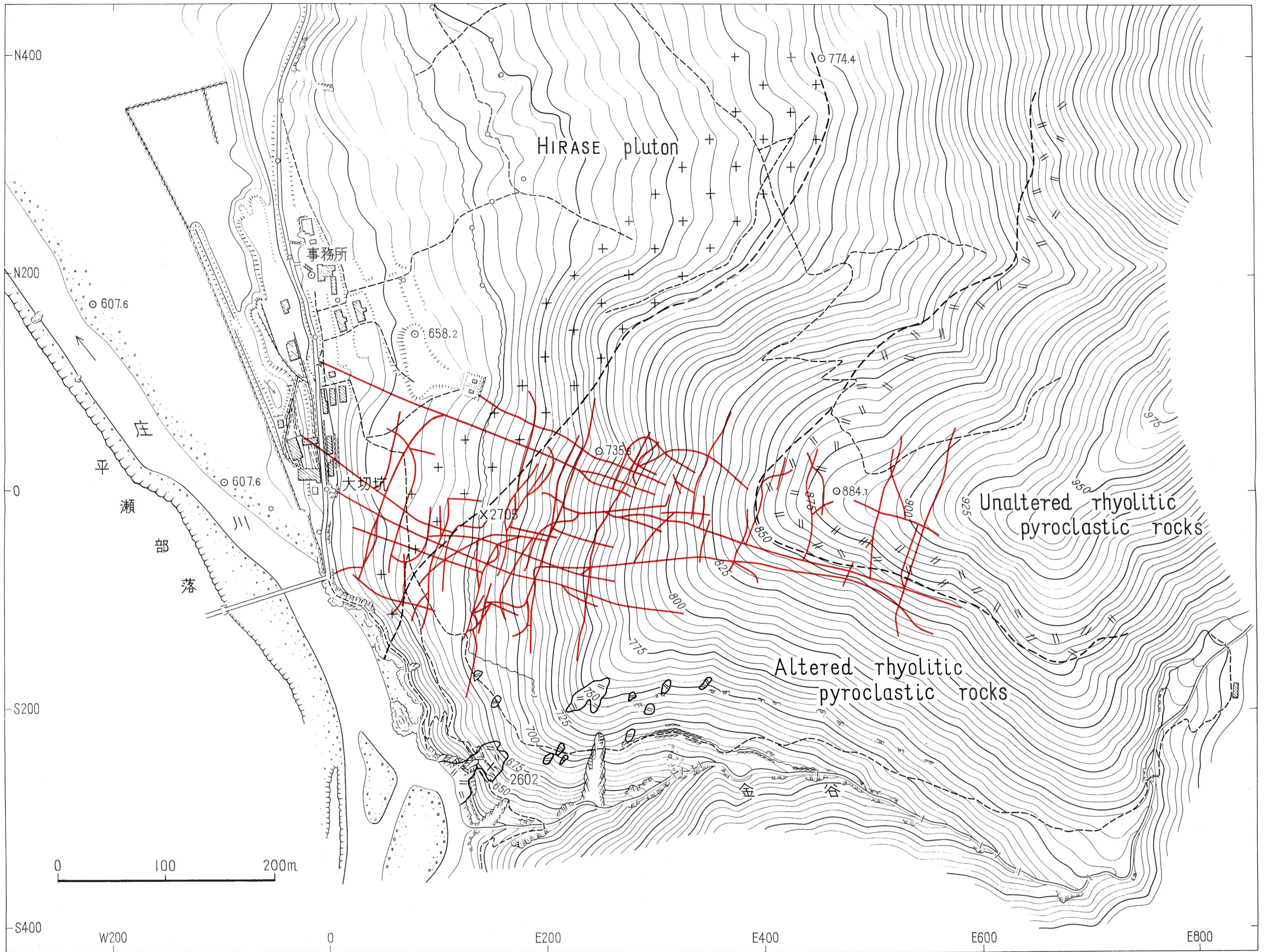
( 出納 1965 原図 )

第89図 小馬木鉱床主要鉱体の位置と岩石接触面との関係 A：平面、B：断面  
 Relation between orebodies and granite contact in plan (A) and section (B), showing that the eastern rim of the host two-mica granite is the prime importance for the mineralization, Komaki mine.



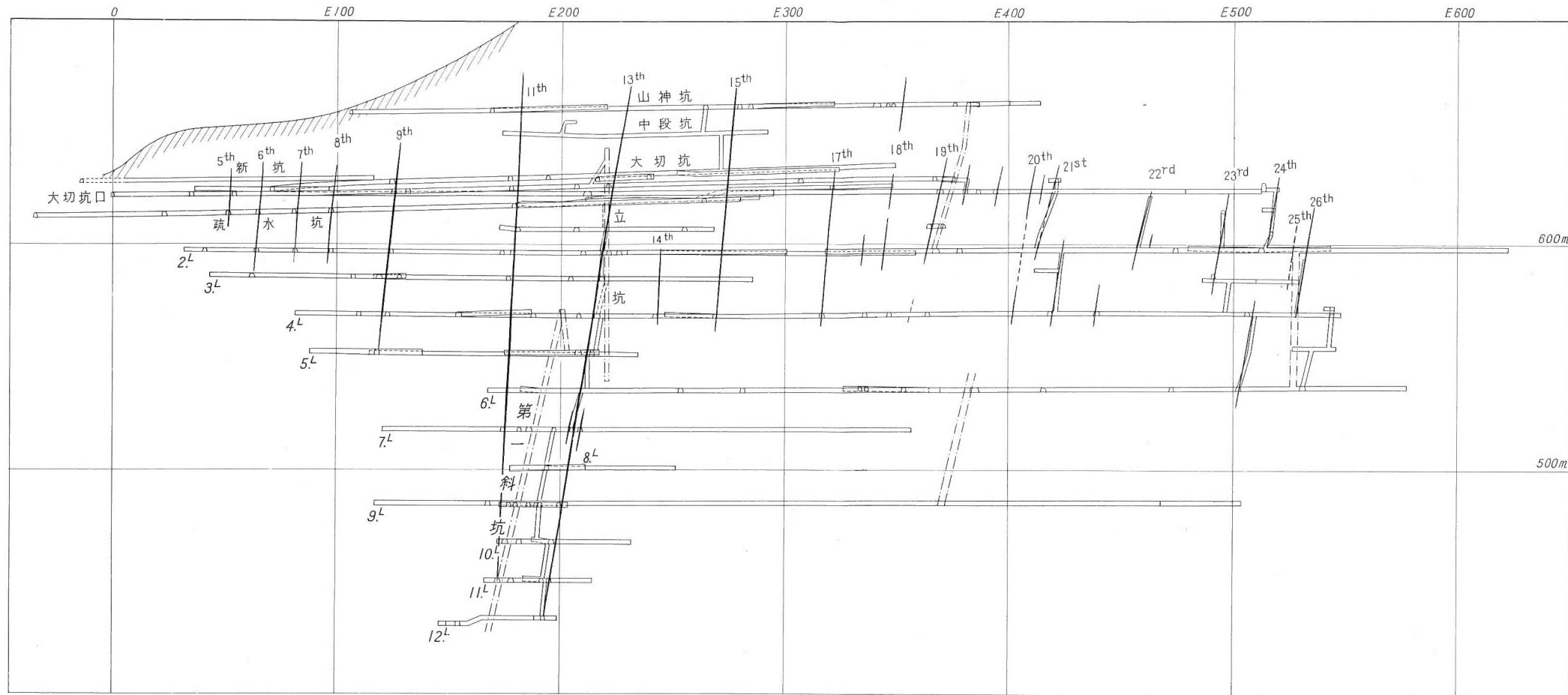
第90図 本坑鋳体上部鋳体の地質  
Subsurface geology of the upper Honko orebody, Komaki mine.



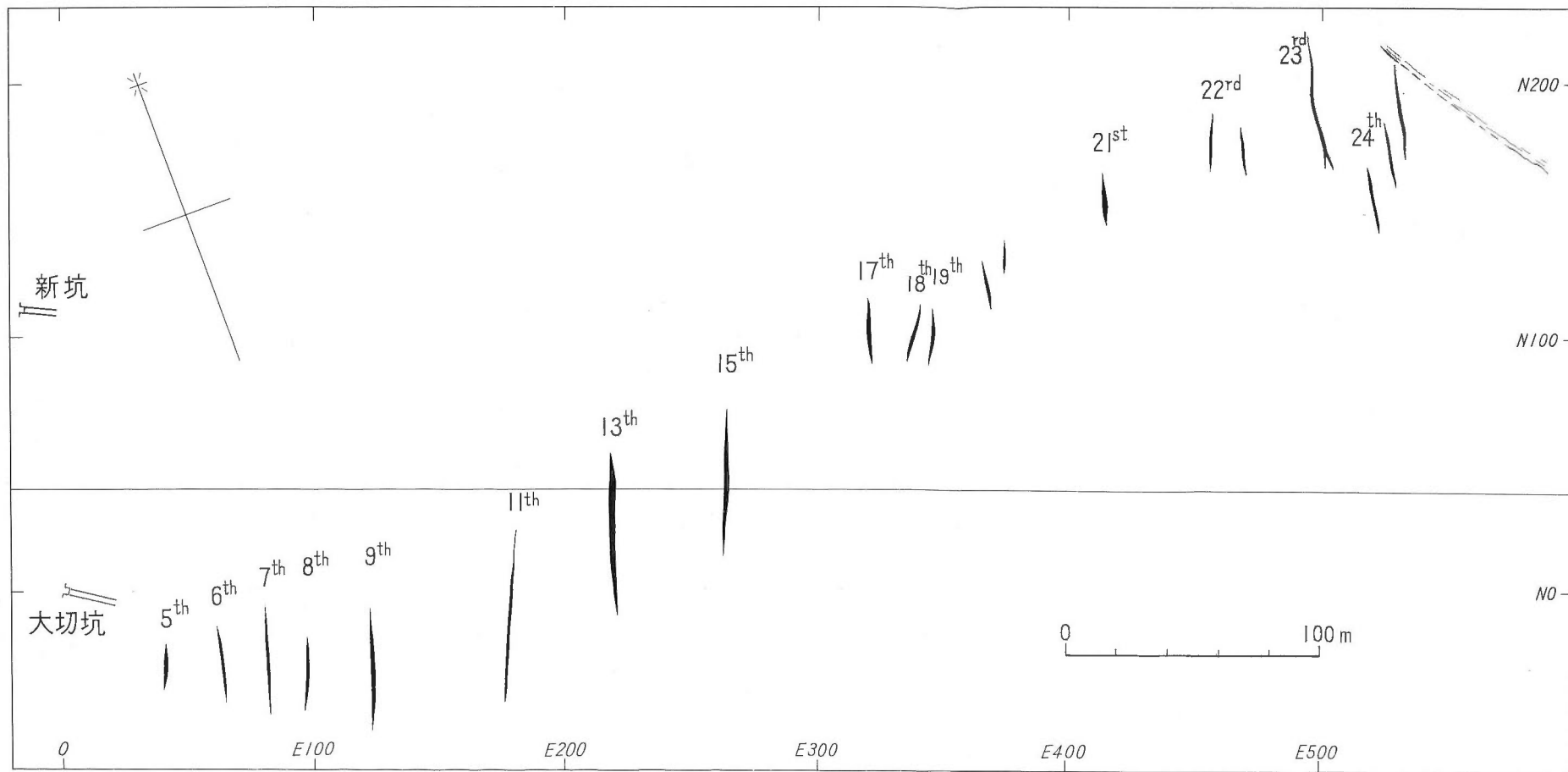


第99図 平瀬鉱山の地表概況と坑道の分布  
 Geology and mine's installation of the Hirase mine, Shirakawa area.





第100図 平瀬鉱山の断面と鉱脈の模式的な位置  
 East-west section of the Hirase mine with the schematic location of ore vein.



第101図 平瀬鉱山 2 番坑レベルにおける諸鉱脈の富鉱部  
 Plan of bonanza at the second level, Hirase mine.