

On the Seismic in the Southwestern Part of the Kanto Plain -Underground Structure in Sagamihara Area, Kanagawa Prefecture-

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A seismic refraction prospecting was carried out in the southwestern part of the Kanto Plain in January 15, 2000, for clarifying the deep underground structure down to the seismic basement.

In this study, the purpose of our observation was to clear up the nature of the boundary between mountain region and the edge of the Kanto plain. We installed a number of temporary stations in Sagamihara area, and seismic waves from explosion at Zama were observed.

The main results from our experiment are as follows. The deep subsurface structure in this area was revealed by the travel time analysis. It was confirmed that the basement structure of the boundary in the mountain region inclines drastically to the edge of the plain in the vicinity of the Sagami River.