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## Geological structure and gravity anomaly of Hayachine Tectonic Belt

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The gravimetric survey was carried out around Kamaishi City, Iwate Prefecture, with the LaCoste & Romberg gravity meter (G-824). The positions of measurement sites are determined by diffrential GPS. Bouguer gravity anomaly is computed from the data. Calculated Bouguer gravity anomaly manifests that the root of the block of basic-ultra basic rocks of the Hayachine Tectonic Zone extends downward to the considerable depth. The high anomaly distribution supports that the basic-ultra basic rocks are in situ, and rejects that the Hayachine Tectonic Belt forms a klippe or nappe on the Jurassic accretionary complex of the Kuzumaki-Kamaishi Belt.