

A case study of aerial time domain helicopter EM survey

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Aerial source (Tx) and receiver (Rx) time domain electromagnetic (EM) survey systems have been developed and used in many countries from the past. Recently, some survey companies are carrying out airborne time domain EM survey in Japan by bringing a whole system from overseas. Meanwhile, grounded Electrical Source Airborne Transient EM (GREATEM) system has been in operation in Japan since about 10 years.

Last year, aerial Tx and Rx Time domain EM system (P-THEM) was introduced in Japan for the first time. In this report, we introduce the case study and result of the survey carried out with the new P-THEM system.

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