Topographical and geological explorations along the Gomura and the Yamada fault zone: Part 2 observation and ESR analysis

*Masaki Murakami¹, Norihiro Nakamura², Tatsuro Fukuchi¹, Toshifumi Imaizumi², Takafumi Nishiwaki¹, Tadashi Yoshizaki¹, Ryou Tateishi¹, Atsumasa Okada⁴, Shinsuke Okada², Kenshiro Otsuki⁵


As a part of a research project commissioned by Secretariat of Nuclear Regulation Authority (S/NRA/R), to organize information about evaluation techniques of active faults, we executed topographical and geological explorations along the Gomura and the Yamada fault zone. Here, we show the fault rocks observed in outcrops and core samples, and results of Electron Spin Resonance (ESR) analyses in them.

Keywords: ESR analysis, Gomura fault zone, Yamada fault zone