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Geosite Assesment of the Trace of Mesozoic Subduction in Lubar Village, Muara Dua Distric, South Sumatera Province, Indonesia

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Lubar Village is one of the trace of Mesozoic Subduction located at the distric of Muara Dua, South Sumatera Province, Indonesia. This study aims to give geological knowledge of Lubar village from the earth science perspective that could be the information and tour guidance for the visitors of the Lubar village. The geological informations are the result between integration of field examination, laboratory analysis and initial study of Lubar village. Petrographic analysis deepicts that the volcanic rocks is formed at the earth surface as oceanic

crust. Paleontological analysis based on thin section of limestone shows the age of Lubar village limestone is Early – Middle Miocene. Based on field examination, Insu river in Lubar village flows between the unconformation of a long steep cherty hill and shallow marine sediment. It is necessary to have an effective organizing and monitoring as well as continual in order to develop this particular place to be geosite. The development of geosite potential towards Lubar village is impressive to go along with tour of pra tertiary rocks and waterfall.