

AKIFER REKAHAN : SUATU POTENSI SUMBERDAYA AIR

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ABSTRACT

Fractures, which is occurred in rock can be as storage or transmitting of groundwater. It'' can be found in the southern Mountain Central Java, Batam island, Banggai island, Karimunjawa island and Pakal island. The groundwater potential in the fractured zones of rock is depend by fractures characteristic which are size and location; fractures interconnection and present of the amounts of filling material in the fractures.

Due to the increasing and development of settlements especially in igneous rock, metamorphic rock and compacted sedimentary rock, so the groundwater investigation in the fractured aquifer intensively needed for guaranting of the water supply for people.

Key words : Fractured aquifer, Igneous rock, Metamorphic rock, Compacted sedimentary rock