

**GEOLOGI DAN PENGARUH INTRUSI TERHADAP KUALITAS BATUBARA *SEAM*  
A1 DAN A2 FORMASI MUARA ENIM  
DAERAH TAMBANG AIR LAYA, KECAMATAN  
LAWANG KIDUL, KABUPATEN MUARA ENIM, PROVINSI SUMATERA SELATAN**

**ADHIMAS PERMANA PUTRA**

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**ABSTRACT**

Intrusion is one of reasons that caused difference of coal rank. Changes in coal rank due to by pressure and temperature which occurs in particular time and pressure by intrusion. In order to determine coal rank, which can be done by Proximate Analyzing ( Chemistry Test, ASTM). Which determining percentage of moisture, volatile matter, fixed carbon, and ash with a certain method at general coal laboratory. Effect of intrusion in coal rank is not too extensive, it only affect the area that have direct contact to the intrusion. The closer the coal to the intrusion, the more possibility of better rank than the coal that further to the intrusion.

Key : intrusion, coal rank.