

GEOLOGY AND FORMATION OF COAL DEPOSITIONAL ENVIRONMENT CAPE
REGIONAL VILLAGE MAMPUT, KAPUAS CENTRAL DISTRICT, DISTRICT
KAPUAS, CENTRAL KALIMANTAN PROVINCE

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ABSTRACT

The study area is located in the area Mamput, District Central Kapuas, Kapuas, Central Kalimantan, or including the mining rights in the area of PT. X. Geographically the study area lies coordinates 18 '00 " - 114° 33' 00" East longitude and 0 ° 43 '30 " - 1° 05' 30" South Latitude.

Drainage pattern that developed in the research area is subdendritic - directional trellis, multi basinal, meanders which are controlled by general homoklin structure and topography of the plain, sloping ramps up rather steep. Unit landforms in the study area is classified into five (5) units of landforms are plains Karst (K1), hills Homoklin sloping ramps (S1), hills Homoklin slope sloping - a bit steep (S2), Plain affluent Flood (F1), Body River (F2). Stratigraphy research area is divided into three (3) units of unofficial and sediment alluvial, which are sorted from old to young is a unit of metamorphic Busang (Cretaceous Final Part), the unit of sandstones Cape (Eocene The Beginning - End), unit limestones scattered (Oligocene The Beginning - End) and alluvial deposits (Holocene - Resen). Geological structures developed in the area of research is the interpretation of the structure and the structure homoklin syncline folds. Homoklin structure mirrored stance and the tilt rock layers that are relatively equal or uniform, ie the general direction moves to the bedding of rocks trending Northwest - Southeast and Southwest trending slope of the rock layers.

Based on the analysis of aspects of physics, chemistry, and biology has been done, Formation Tanjung compiled by unit sandstones, unit claystone, and inset coal deposited on depositional environment of lower delta plain - transitional lower delta plain with facies sedimentation The Muddy Sand and characterized by sublingkungan precipitation crevasse splay, channel and swamp. From the results of laboratory tests on pollen analysis Tanjung coal formation deposited in sublingkungan back mangrove (lower delta plain), while on the analysis of coal maceral formation of coal depositional facies Tanjung obtained in the environment limnic and marsh.