

HARTONO ODJAT, 04391611098. KAJIAN SIFAT FISIK DAN MORFOLOGI TANAH PADA BEKAS KAWASAN PENAMBANGAN GALIAN C DI KELURAHAN JAMBULA KECAMATAN PULAU TERNATE

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RINGKASAN

Morfologi tanah adalah ilmu yang mengamati sifat tanah dalam berbagai lapisan tanah mengenai kenampakan, ciri, sifat dan susunannya. Tujuan dari penelitian untuk menganalisis sifat fisik dan morfologi tanah pada areal bekas penambangan di Kelurahan Jambula. Metode yang digunakan yaitu survei bebas dengan pendekatan analitik. Kondisi Morfologi dan sifat fisik tanah pada bekas penambangan profil I terletak pada ketinggian 52 Mdpl, kemiringan lereng 8-15% (agak miring), didominasi oleh tekstur tanah lempung, struktur remah dan gumpal, konsistensi lembab (gembur) basah (agak lekat dan lekat). Porositas tanah sedang, BD, PD tergolong baik, kadar air sedang. Permeabilitas tanah tergolong kriteria agak lambat dan sedang. Morfologi profil II terletak pada ketinggian 109 Mdpl kemiringan lereng 15-30% (miring), didominasi oleh tekstur tanah lempung dan lempung berliat, struktur remah, konsistensi lembab (gembur) basah (agak lekat dan lekat). Porositas tanah baik, BD, PD tergolong baik, kadar air sedang. Permeabilitas tanah tergolong kriteria agak lambat dan sedang. Kedua profil memiliki morfologi dan sifat fisik tanah tidak berbeda jauh. Tanah pada Kelurahan Jambula tergolong tanah andosol.

Kata kunci:; Morfologi tanah, Sifat fisik tanah, Galian C.

HARTONO ODJAT, 04391611098. STUDY OF PHYSICAL AND MORPHOLOGICAL PROPERTIES OF SOIL IN THE FORMER MINING AREA OF EXCAVATION C IN JAMBULA VILLAGE, TERNATE ISLAND DISTRICT.

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SUMMARY

Soil morphology is the science that observes soil properties in various soil layers regarding appearance, characteristics, properties and composition. The purpose of the study was to determine the physical and morphological characteristics of the soil in the ex-mining area in Jambula Village. The method used the free survey method with an analytical approach. The morphological condition and physical properties of the soil in the former mining profile I is located at an altitude of 52 meters above sea level, the slope 8 – 15 % (slightly sloping), dominated by clay soil texture, crumb and lumpy structure, moist (loose) wet consistency (somewhat sticky and sticky). Moderate soil porosity, BD, PD classified as good, moderate water content. Soil permeability is classified as a rather slow and moderate criterion. Morphology profile II located at an altitude of 109 meters above sea level with a slope of 15-30% (sloping), dominated by clay and loam soil texture crumb structure, moist (loose) wet consistency (somewhat sticky and sticky), good soil porosity, BD, PD classified as good, moderate water content. Soil permeability is classified as a rather slow and moderate criterion. The two profiles have the same soil morphology and in Jambula Village is classified as Andosol land.

Keywords : soil morphology, soil physical property, excavation C.