"KAJIAN TINGKAT KEKRITISAN LAHAN REKLAMASI TAMBANG BAUKSIT PT. HARITA PRIMA ABADI MINERAL, SITE AIR UPAS, BLOK SEDAWAK, KAB. KETAPANG, PROV. KALIMANTAN BARAT"

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INTISARI

PT. Harita Prima Abadi Mineral Site Air Upas adalah perusahaan pertambangan bauksit dengan IUP 37.100Ha yang berlokasi di Kab. Ketapang, Prov. Kalimantan Barat pada posisi geografis $110^{o}42'01"$BT – $110^{o}53'03"$BT dan $2^{o}07'09"$LS – $2^{o}24'02"$LS.

Penelitian ini bertujuan untuk (1) Mengetahui faktor penyebab kekritisan lahan reklamasi, (2) Mengetahui tingkat kekritisan lahan reklamasi yang terjadi. Metode penelitian yang digunakan adalah metode *survey,* metode analisis laboratorium, skoring dan overlay peta. Teknik sampling yang digunakan adalah *random sampling*.

Berdasarkan evaluasi penelitian di lapangan menunjukan bahwa pada lokasi lahan reklamasi plot 1, 2, 4, dan 5 mengalami tingkat kekritisan lahan potensial dan pada lokasi lahan reklamasi plot 3 dan plot 6 mengalami tingkat kekritisan lahan semi kritis.

Arah pengelolaan dalam tingkat kekritisan dilakukan dengan cara pendekatan teknologi, dimana pengelolaan yang dilakukan yaitu dengan menggunakan *legume cover crop* (LCC) jenis *Mucuna Bracteata* yang dapat memperbaiki sifat fisik, kimia, biologi, mencegah erosi, mempertahankan kelembaban tanah, dan menekan pertumbuhan gulma. Konservasi tanah yang sesuai dengan kemampuan tanah akan mendukung terwujudnya pertambangan berwawasan perlindungan terhap lingkungan.

Kata kunci : Bauksit, Tingkat Kekritisan lahan, Lahan Potensial Kritis, Lahan Semi Kritis

THE STUDY OF CRITICAL LEVEL ON RECLAMATION LAND , BAUXITE MINING HARITA PRIMA ABADI MINERAL Ltd. , UPAS WATER SITE, SEDAWAK BLOCK, KETAPANG DISTRICT, WEST BORNEO PROVINCE

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Abstract

Bauxite mining Harita Prima Abadi Mineral site Upas Water is the bauxite mining company which has IUP 37.100Ha that is located at Ketapang District, West Borneo Province at the geographic position 110°42'01"BT – 110°53'03"BT and 2°07'09"LS – 2°24'02"LS.

The purpose of this research is (1) knowing the factors of what caused the critical level on reclamation land. (2) Indicate the level of of crtical land which had happened. This research methods that are being used such as survey methods, laboratory analytical methods, scoring, and overlay map. Sampling techniques that is being used is random sampling.

According to evaluation of research in the field is showing that on plot location 1, 2, 4, and 5 are experiencing the critical level of potential land and on the plot location 3 and plot location 6 experiences the critical level of semi-critical land.

Management direction on critical level is being implemented by technological approaches, where the management method that is being used is using *legume cover crop* (LCC) that os kind of *Mucuna Bracteata* which can improve the physical properties Chemistry, biology, prevent erosion, maintain soil moisture and suppress weed growth. Conservation land according to land capability will supports the realization of Mining insightful environmental protection.

Key Words : bauxite, level of critical land, Critical potential land, semi-critical land