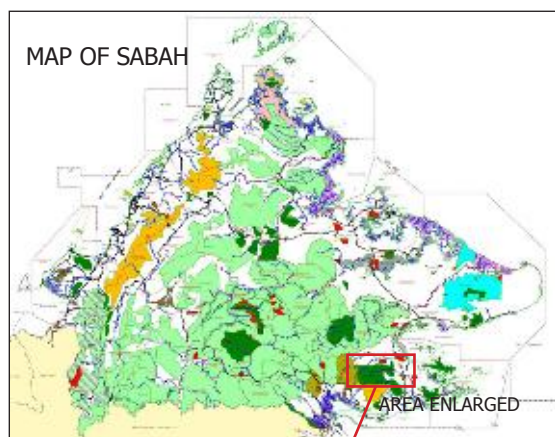


ULU KALUMPANG SUSTAINABLE FOREST MANAGEMENT PROJECT PROGRESS IN 2007

Introduction

The Ulu Kalumpang Sustainable Forest Management (SFM) Project is one of the Sabah State Government's project under the Ninth Malaysia Plan (2006-2010) which covers an area of 54,866 hectares (See Map 1). The State Government has given a total input of 8 Million Ringgit Malaysia to be utilised under this project. This Project was launched on 15 March 2006 and is totally managed under the Sabah Forestry Department. The Ulu Kalumpang Forest Reserve which covers an area of 51,118 hectares is the biggest forest reserve under this project and falls within Class 1 Forest Reserve (Protection). The other reserves are Kalumpang VJR107C covering an area of 950 hectares, Kalumpang VJR107 of 1,950 hectares and Kalumpang VJR107E of 868 hectares. All these three reserves are classified as Class 6 (Virgin Jungle Reserve). Ulu Kalumpang Reserve is a water catchment for the Tawau region and is targeted to be the first protected area under SFM certification. These reserves have been degraded due to intensive encroachment activities since the 1980s with agricultural crops such as cocoa and oil palm. As assessed, the encroachment area is mainly in Ulu Kalumpang Forest Reserve covering a gross area of 8,980 hectares. Under the Ninth Malaysia Plan, the SFM activities will be concentrated only in Ulu Kalumpang Forest Reserve. Sabah Forestry Department throughout its operations, would adhere to the basic criteria of sound forest management, by ensuring that the forest activities in Ulu Kalumpang, Forest Reserve will be environmentally appropriate, socially beneficial and economically viable.



Map 1: Area of Ulu Kalumpang FR

Objectives

The longterm goal for management in this project area is to restore the functioning capacity of the forest for water production, retention and usage. The immediate objectives are to seal off and restore the forest reserves from further encroachments which means the flushing out all illegal's phase by phase, to rehabilitate degraded and encroached areas with indigenous tree species, to provide long-term solutions to the issue of community settlements within the protected area and to maintain the forest through carbon financing and other ecosystem services mechanisms.

Forest Management

Ulu Kalumpang Forest Reserve will be managed under sound forest management practices in accordance with the FSC Principles and the biological, social and economic principles defined by the International Tropical Timber Organisation (ITTO), Malaysian Criteria and Indicators (MC&I) and in conformity with the existing State forest policies, environmental policies, legislations and regulations.

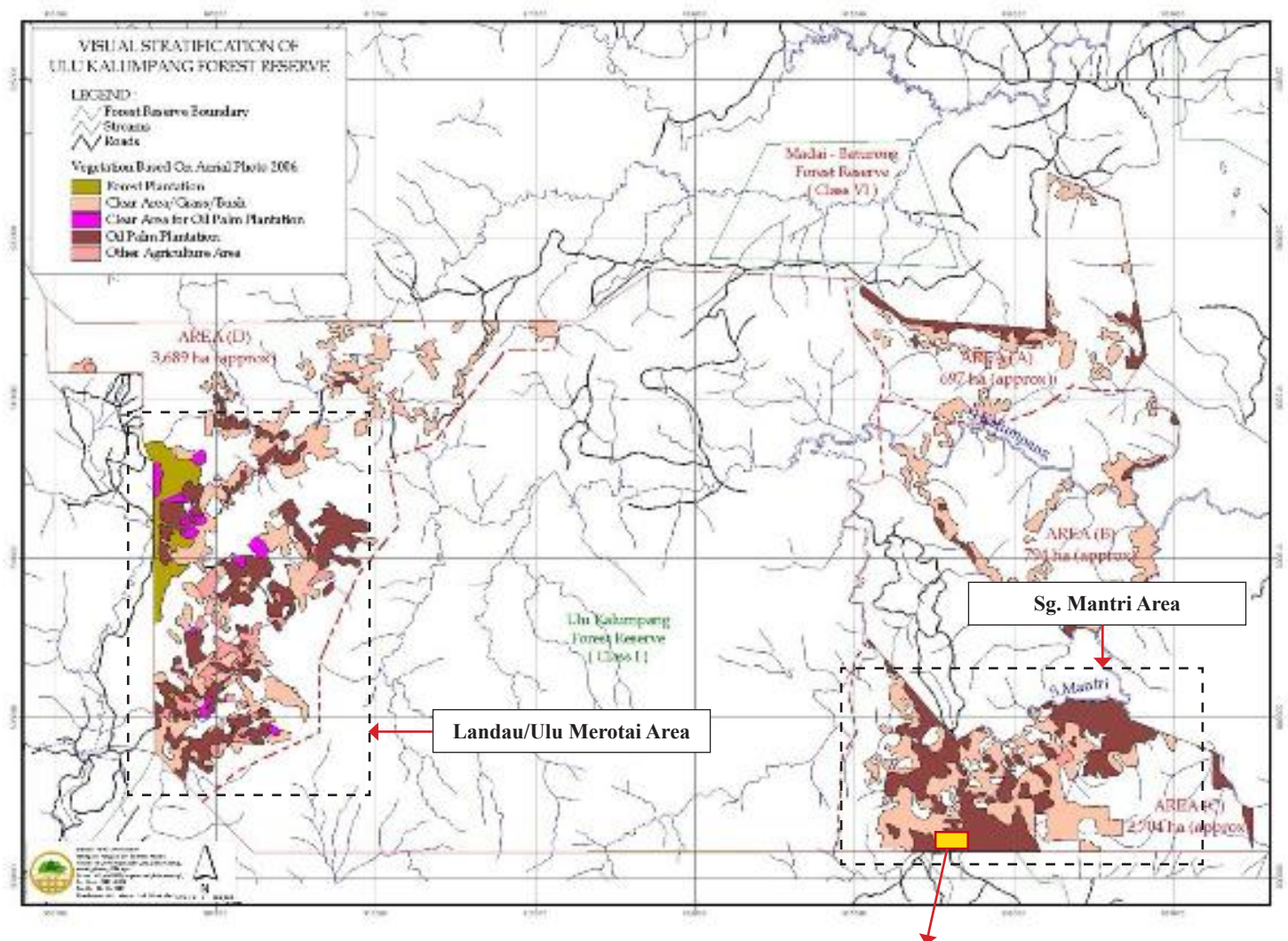
This project is under the management of the Kunak Forestry District and is supervised by the Ulu Kalumpang Project Operational Committee chaired by the Deputy Director (Development) of the Sabah Forestry Department. The activities in the reserve follow the approved Annual Working Plan (AWP) which mainly concentrates on: Forest Restoration, Enforcement Activities, Boundary Demarcation, and Physical Development such as Forest Checking Stations.

Ulu Kalumpang FR is divided into four (4) management blocks, according to encroachment occurrences (See Map 2). The areas C and D are the biggest encroached area and have been encroached by locals and Ibans since the 1980s. All the management activities are planned to be implemented in these 2 areas, C and D for the next 3 years until 2010. The sizes are:

- Area A – 697 hectares
- Area B – 794 hectares
- Area C – 2,704 hectares
- Area D – 3,689 hectares

Forest Restoration

Intensive forest restoration aims to restore the encroached areas by the removal of the oil palm and have been replaced with indigenous species. This will accelerate natural vegetation regeneration in order to re-establish a healthy forest ecosystem in the reserve whilst caring for the water catchment area. For this to be realized, the Sabah Forestry Department had appointed Syarikat Pertanian Kondowoi Pembrong Am, to implement on the restoration programme until the year 2010. This company has the responsibility to restore 525 hectares in the Sg. Mantri area of Ulu Kalumpang Forest Reserve. The programme will be started in 2008. For 2007, 11 hectares area were restored and planted with various species such as Kapur Paji (*Dryobalanops lanceolata*), Kapur Gumpait (*Dryobalanops keithii*), Seraya Majau (*Shorea leptocladus*) and fast growing species which is Sentang (*Azadirachta excelsa*) by the Forestry Department. Planted area are situated in AREA C of Sg. Mantri and were planted by the project staff as an initial project for the year 2007. (See Map 2)



Map 2 : Area A and D are the encroached areas. Area C at Sg. Mantri and D of Landau/Ulu Merotai, are heavily encroached by the locals and ibans.

Enforcement Activities

These activities focus on the Sg. Mantri and Landau/Ulu Merotai areas as seen in Map 2 because most of these areas have been encroached by locals and the Iban communities. Table 1 shows the achievement enforcement activities in 2007.



Approximately 11 hectares were planted with various species in 2007, sentang were planted in December 2007

Table 1: Information On Enforcement Activities Done In Sg. Mantri And Landau/Ulu Merotai Area

No.	Activities	Achievement 2007	
		Sg. Mantri Area	Landau Area
1.	Marked illegal structures on the ground and given an eviction notice.	<ul style="list-style-type: none"> 61 structures marked - 1 unit of Longhouse - 10 units of Ibans houses 	<ul style="list-style-type: none"> 72 structures marked - 41 units of Ibans houses - 31 units of non-iban houses
2.	Destroyed the illegal structures which had been marked and have been ordered by the director	<ul style="list-style-type: none"> 32 units 	<ul style="list-style-type: none"> 5 units
3.	Closed unwanted access roads and bridges	<ul style="list-style-type: none"> 5 units of small bridges have been destroyed. 	<ul style="list-style-type: none"> Closed 4 access roads permanently
4.	Seize and charge	Since 2006 until 2007, <ul style="list-style-type: none"> 7 cases were recorded which involved 8 offenders and 8 vehicles. All cases were won in court by the SFD and the guilty persons fined or jailed and the vehicles forfeited and auctioned. 	

Enforcement Activities



Fixing the 'Eviction Notice'



Destroying the illegal structures inside the reserve



(Left and Right) Fixing the Forest Reserve Signboards



Closing unwanted access



Destroying the illegal bar logs which were found inside the reserve

Boundary Demarcation

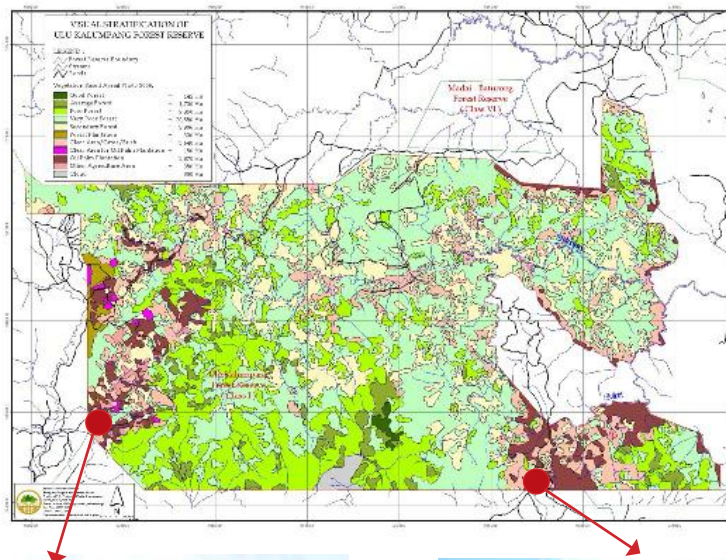
2 sections of the boundary were demarcated in Ulu Kalumpang FR in 2007 as described below:

Section	Area	Length
1	South of Sg. Mantri	4.2 Kilometers
2	Landau/Ulu Merotai	12 Kilometers

Physical Development on site

Two (02) Forest Checking Stations (FCS) were constructed in Ulu Kalumpang FR with one Nursery. The FCSs are named: FCS Sg. Mantri and FCS Landau as marked on Map 3 below. With these FCSs, we could control the area from further encroachment. Other developments are a store, public toilet, and a genset house.

Map 3: Location of Forest Checking Stations



FCS Landau/Ulu Merotai



FCS SG. Mantri

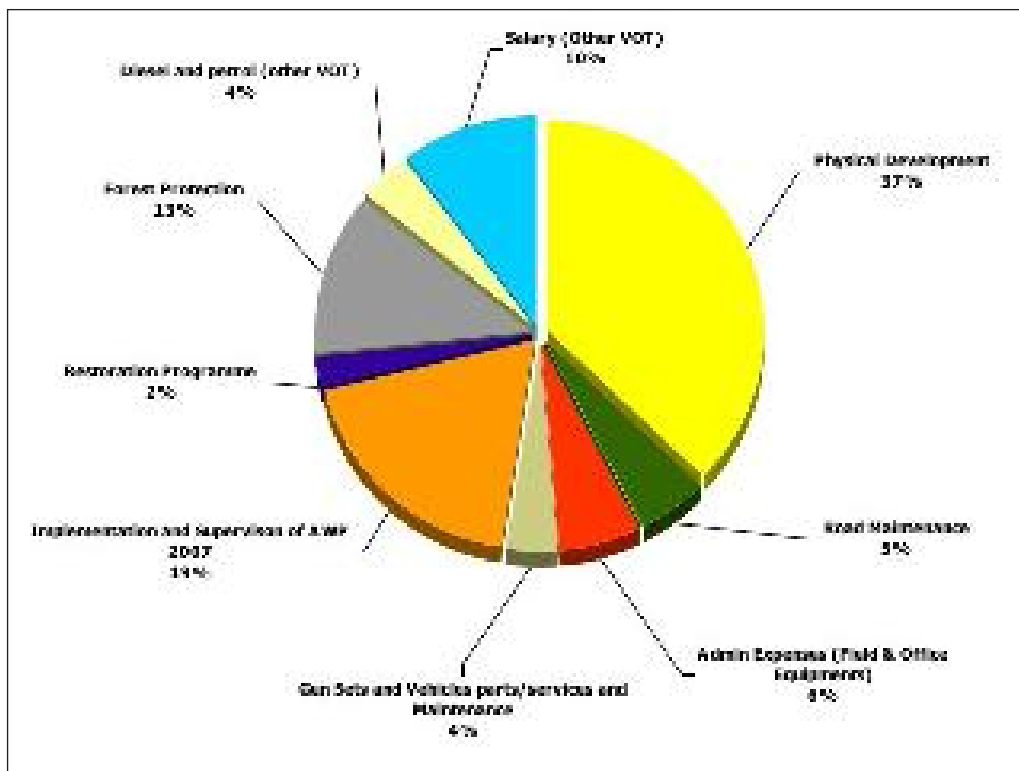


(Left to right) Nursery, Store house and Generator House at Ulu Kalumpang Forest Reserve

Cost Analysis

The actual costs of maintaining all forest management activities in this Project for 2007 was RM 1,163,452.75 (including salaries and fuel consumption which are paid by the FD Headquarters). The approved allocation was RM2 million but RM450,000 were shifted to other SFM Projects. From the balance of RM1,050,000, 95% were utilised to run the project, giving a total of RM 999,924.75.

Expenditure For The Year 2007 By Sub-Heads



Tabulated Expenditure In 2007

Item	RM
Physical Development	433,318.00
Road Maintenance	59,880.00
Admin Expenses (Field & Office Equipments)	71,463.90
Gen Set and Vehicles parts/services and maintenance	46,230.40
Diesel and Petrol (other fund)	45,000.00
Implementation and Supervision of AWP 2007	216,525.85
Restoration Programme	26,971.60
Forest Protection (Enforcement activities)	145,535.00
Salary (other fund)	118,528.00
Total Actual Cost	1,163,452.75

Note: Diesel, Petrol and Salaries are not funded under the allocated amount for this project. The expenses are under SDD headquarters budget.

A man who views the world the same at fifty as he did at twenty has wasted thirty years of his life.

– Muhammad Ali