

CHAPTER 1

INTRODUCTION

1.1 TITLE OF PROJECT

Liput Raya Sdn. Bhd. has been granted an approval from Department of Forestry Perak to develop forest plantation development with an area of 400.00 Hectares (988.42 Acres) at Bukit Slim Forest Reserve, Perak Darul Ridzuan.

Therefore, the title of the project is ***“Cadangan Pembangunan Ladang Hutan Seluas 400 Hektar (988.42 Ekar) di Sebahagian Kompartment 78 & 79 Hutan Simpan Bukit Slim, Mukim Slim, Daerah Muallim, Perak Darul Ridzuan.”***

Hereafter in this report, it shall be referred to as “the project”.

1.1.1 Project Organization Chart

The project site will be managed by Project Developer, Samasuka Sdn. Bhd appointed by Project Proponent, Liput Raya Sdn. Bhd. The organization chart shows the hierarchy of the forest plantation development (**Figure 1.1.1**).

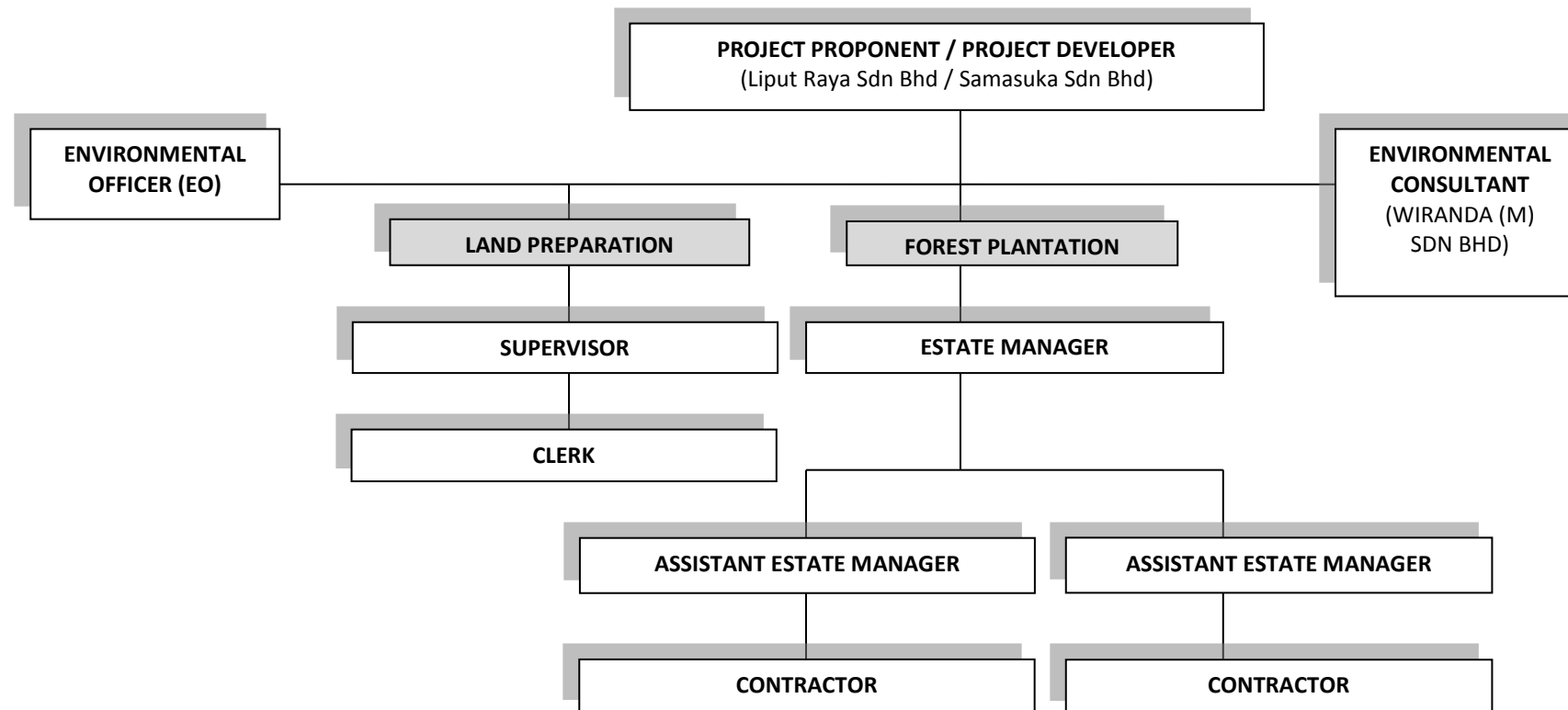


Figure 1.1.1: Project Organization Chart

1.2 PROJECT PROPONENT, PROJECT DEVELOPER AND ENVIRONMENTAL CONSULTANT

As for the project, all enquiries related to the project may be directly forwarded to the project proponent, project developer and EIA Consultant as indicated below:

PROJECT PROPONENT

LIPUT RAYA SDN BHD

Suite 30, 3A Floor,
IOI Business Park,
47100 Puchong,
Selangor Darul Ehsan

Tel : 016-503 3152

Attention: Dato Wei Chuan Beng

PROJECT DEVELOPER

SAMASUKA SDN BHD

Suite 30, 3A Floor,
IOI Business Park,
47100 Puchong,
Selangor Darul Ehsan

Tel : 016-503 3152

Attention: Mr Thomas Cheah

EIA CONSULTANT

WIRANDA (M) SDN BHD

No. 3374, Jalan 18/31,
Taman Sri Serdang,
43300 Seri Kembangan,
Selangor Darul Ehsan.

Tel : 03-8957 4940

Fax : 03-8948 5912

Attention : Dr Mohammad Ismail bin Yaziz (Director)
: Mohd Zikri Bin Azmi (Team leader)



1.3 PROJECT LOCATION

The project site is located in Bukit Slim Forest Reserve with an area of 400.00 hectares (988.42 acres) within part of compartment 78 and 79, Mukim Slim, District of Muallim, Perak Darul Ridzuan. The project site (**Plate 1.3.1**) is located approximately within the coordinate point as shown in **Table 1.3.1** and **Figure 1.3.1**.

Table 1.3.1: Coordinate Point of the Project Site

Points	Coordinates	
	X	Y
1	101° 32' 46.396" E	3° 56' 26.942" N
2	101° 34' 12.728" E	3° 56' 15.717" N
3	101° 34' 17.154" E	3° 55' 48.351" N
4	101° 33' 39.676" E	3° 55' 45.705" N
5	101° 33' 39.495" E	3° 55' 33.213" N
6	101° 32' 2.165" E	3° 55' 14.411" N
7	101° 32' 22.348" E	3° 55' 50.988" N
8	101° 33' 0.123" E	3° 55' 54.192" N
9	101° 32' 56.753" E	3° 56' 3.795" N
10	101° 32' 58.176" E	3° 56' 10.627" N
11	101° 32' 41.488" E	3° 56' 13.234" N

The nearest town is Slim River which is approximately 30 km from the project site. While the nearest settlement areas around the site is located about 3 km radius from the boundary of the project site called Kampung Orang Asli Sg Gesau and Kampung Orang Asli Pos Bersih.



Plate 1.3.1: The View of the Project Site

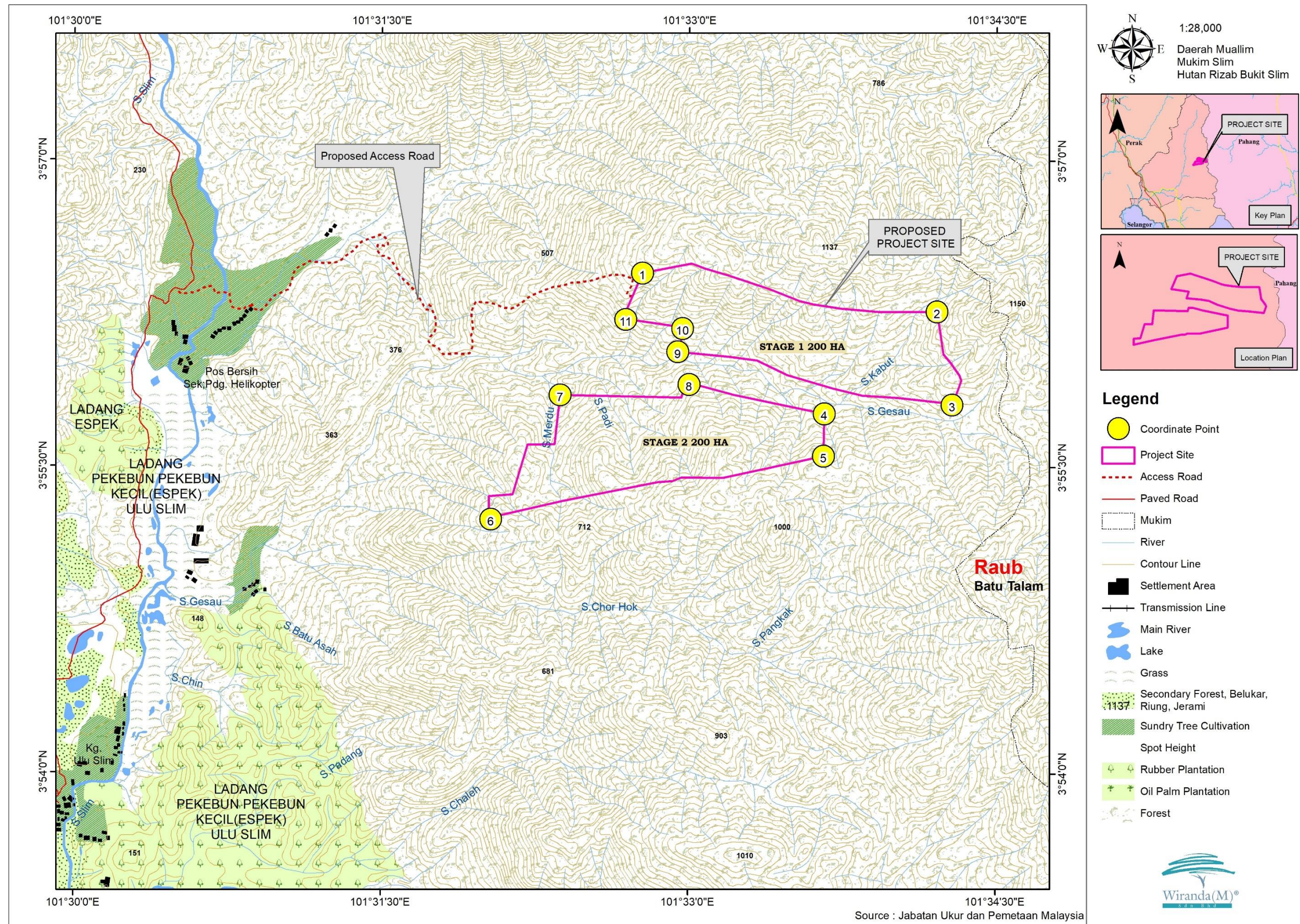


Figure 1.3.1: Map of location plan of the Project site

1.3.1 Access Road and Existing Log Yard

The Project site can be accessed from Slim River town by following through Jalan Slim River – Tg. Malim for about 10 km and turn left to Jalan Ulu Slim for about 12 km. Then turn right to the existing unpaved logging road located at the west of the Project site (**Plate 1.3.4**) and will be used during the development and operation phase. The consent letter for the Project Proponent (PP) uses the logging road is attached in **Appendix 14** and the photo of the meeting between PP and landowner is in **Plate 1.3.6**. In addition, the access road will not go through other private roads such as ESPEK RISDA and MB Inc.

Project Proponent will be constructing a bridge crossing Sg Slim and will obtain approval from JPS Negeri Perak before the construction starts. **Figure 1.3.2** shows the access road of the Project site.

As the access road will be using paved roads under the implementation of the Kementerian Pembangunan Luar Bandar, Project Proponent will ensure the process of transporting logs outside the project site will be carry out during non-peak hours and avoiding school opening and closure time.

There is one existing log yard that is located outside forest reserve. The location of the log yard is shown in **Figure 1.3.3**. The consent letter for the PP used the existing log yard is attached in **Appendix 14**.



Plate 1.3.2: Jalan Slim River – Tg. Malim



Plate 1.3.3: Jalan Ulu Slim



Plate 1.3.4: Existing unpaved logging road (Yellow line)



Plate 1.3.5: Bridge to be constructed crossing Sg Slim



Plate 1.3.6: Photo of the meeting between Dato Wei Chuan Beng (PP) and Tok Batin Syani (Kg Orang Asli Pos Bersih)

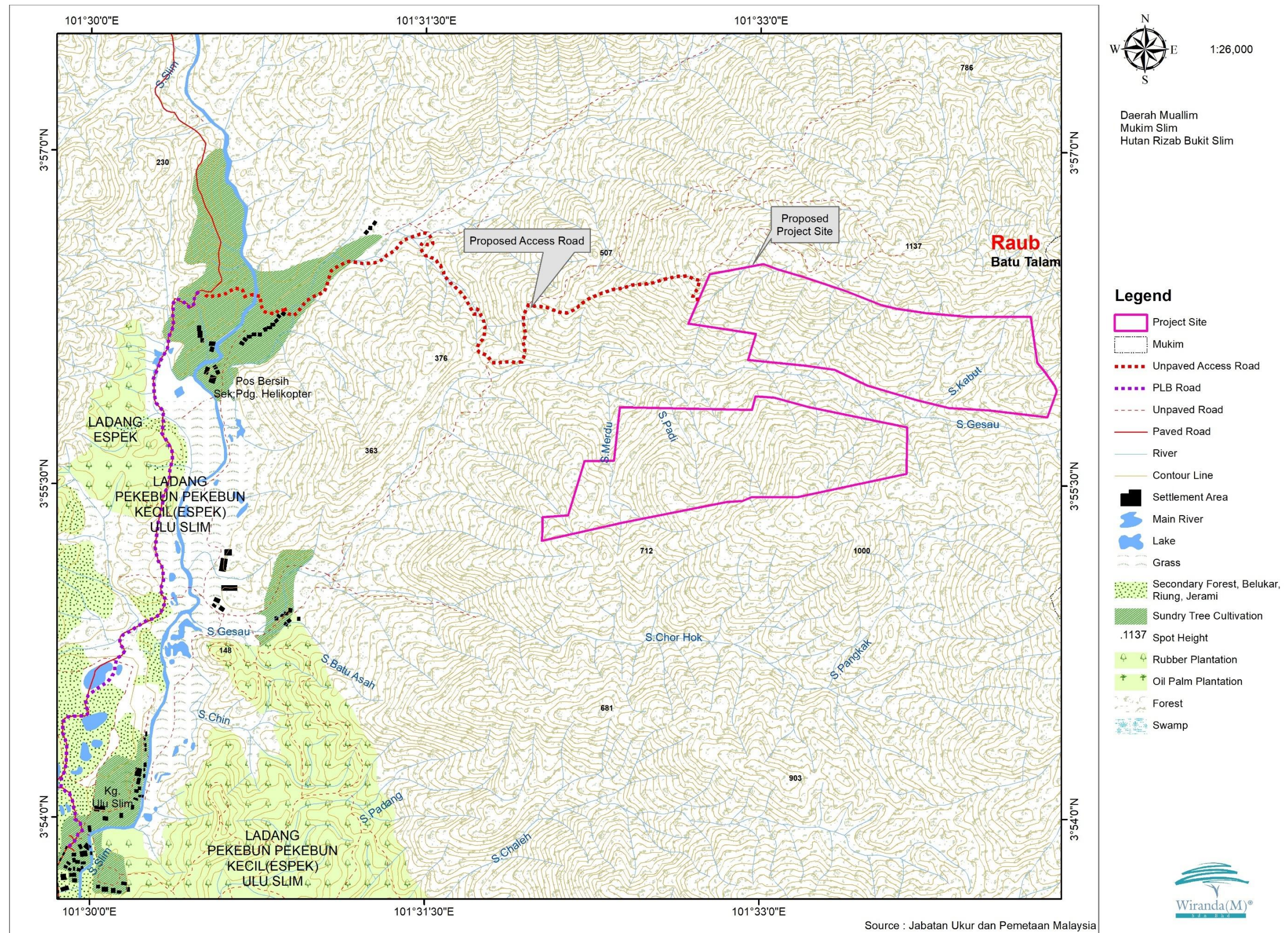


Figure 1.3.2: Map of access road of the Project site

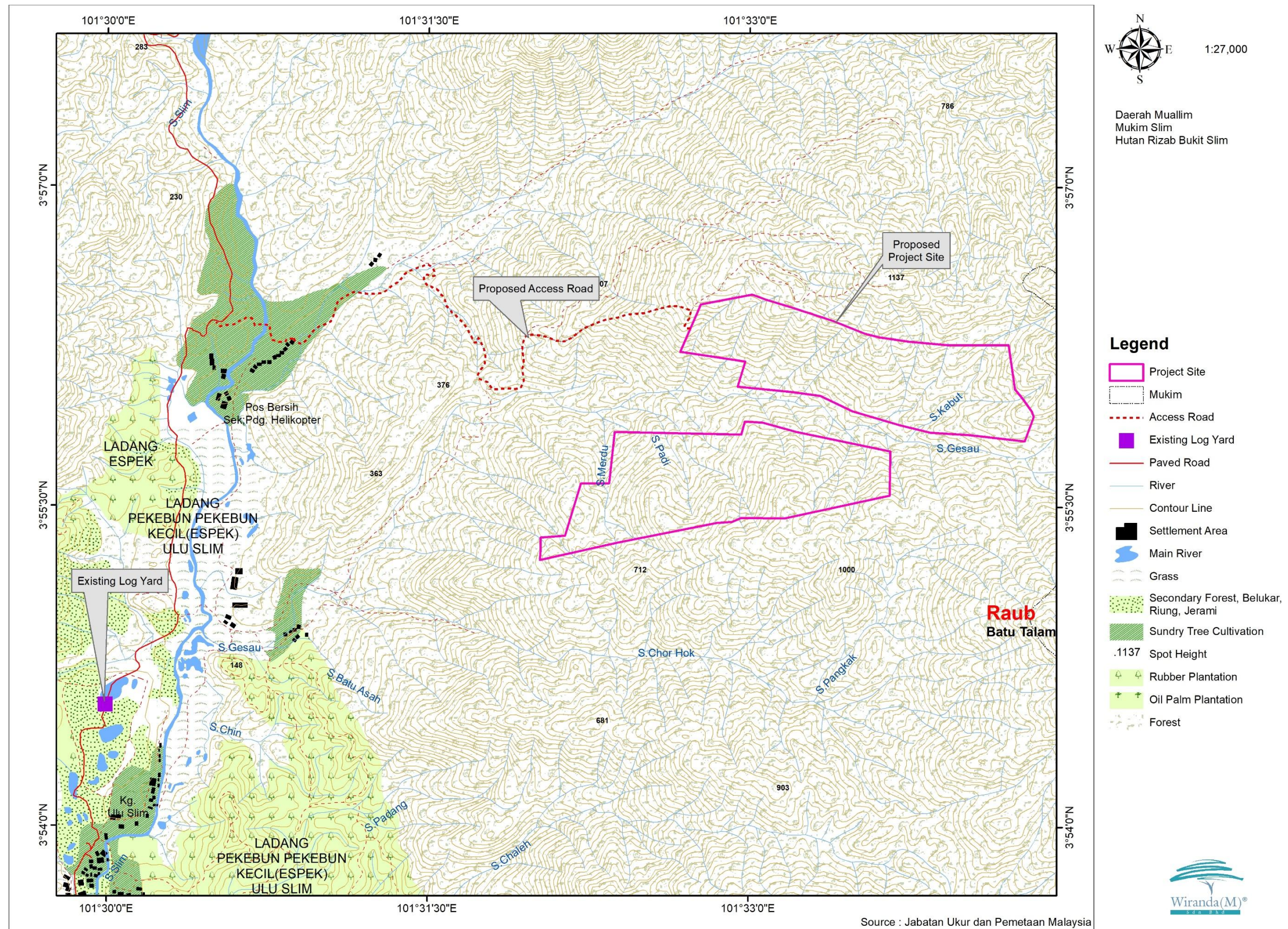


Figure 1.3.3: Location of Existing Log Yard

1.4 MAIN ACTIVITIES OF THE FOREST PLANTATION

The main development activities for the project are mainly divided into three phases, which are pre-development, during development stage and operation & maintenance stage. The stages are as shown below:

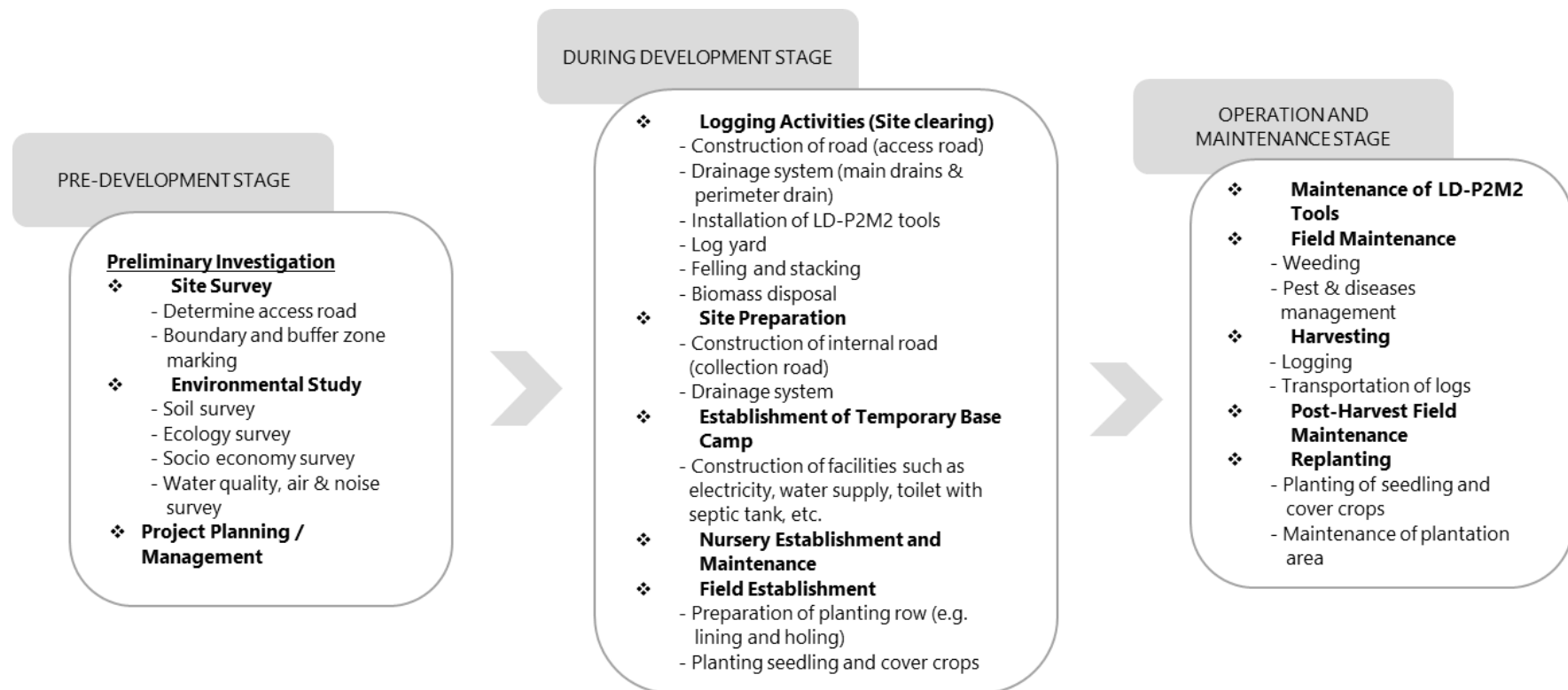


Figure 1.4.1: Forest Plantation Activities

1.5 PROJECT PROPONENT AND QUALIFIED PERSON



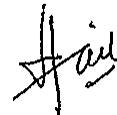

Liput Raya Sdn. Bhd. is a private organization which granted approval by Perak Forestry Department to develop forest plantation for the project and has appointed **Samasuka Sdn. Bhd.** to develop and manage the site (**Appendix 2**). In order to achieve the objective of EIA implementation, project proponent is responsible to designate a Coordinator liaises with the environmental consultant and the contractor to monitor on environmental matters for the project.

Wiranda (M) Sdn. Bhd. has been appointed to conduct an EIA study for the project area. The EIA report is prepared to comply with the guidelines, conditions and procedures as well as to get the approval from DOE Negeri Perak.

The EIA consultant team plays a major role in the preparation of EIA report and environmental monitoring programmes in accordance with the objectives and requirements of the EIA, whilst ensuring compliance with the relevant regulations and standards. The environmental consultant also should identify and collate significant impacts and recommend mitigation measures to be implemented.

EIA study team members are as listed in the **Table 1.5.1(a)**, **Table 1.5.1(b)** and **1.5.1(c)** as follow.

Table 1.5.1 (a): List of Registered Environmental Consultants

No.	Name	Qualification	Registration With DOE				Proposed Study Area	Signature
			Category	Area/Field	ID. No.	Valid Date		
A. EIA Team Leader								
1	Mohd Zikri Bin Azmi	B.Eng. (Chemical)	EIA Consultant	Water Quality Air Quality Noise Level	CEP-C0054	31 May 2024	Team Leader Water Quality Air Quality Noise Level	
B. EIA Consultant Team Member								
1	Amirul Asyraf Azizan	Bachelor of Environmental Management	EIA Consultant	Water Quality Schedule Waste Management	CEP-C0035	31 May 2022	Water Quality	
2	Nur Hanisah Binti Zainal Abidin	Bachelor of Science (Honours) Environmental Technology	EIA Consultant	Water Quality Solid Waste Management Air Quality Noise Level	C 0540	31 May 2022	Air Quality Noise Level	
3	Nurul Ain binti Sapeia	B. Civil Engineering	EIA Consultant	Erosion and Sedimentation Hydrology	CEP-C0146	31 May 2023	Erosion and Sedimentation and Hydrology	

CADANGAN PEMBANGUNAN LADANG HUTAN SELUAS 400 HEKTAR (988.42 EKAR) DI SEBAHAGIAN KOMPARTMENT 78 & 79 HUTAN SIMPAN BUKIT SLIM, MUKIM SLIM, DAERAH MUALLIM, PERAK DARUL RIDZUAN



No.	Name	Qualification	Registration With DOE				Proposed Study Area	Signature
			Category	Area/Field	ID. No.	Valid Date		
4	Nuraishah Md Zamani	B.Sc (Hons) (Environmental Science)	EIA Consultant	Socio-Economic Air Quality & Odour Water Quality	CEP-C0100	31 May 2024	Socio Economic	
5	Asrulsani Bin Jambari	Master Science of Wildlife Management	Subject Consultant	Ecology	CEP-SS0049	31 May 2023	Ecology	

Table 1.5.1 (b): List of Registered Environmental Assistant Consultants











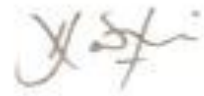
No.	Name	Qualification	Registration With DOE			Proposed study Area	Supervisor	Signature
			Category	Area/Field	ID. No.			
C. EIA Assistant Consultant Team Member								
1	Muhamad Izzat Rosli	Bachelor of Applied Science (Sustainable Science)	Assistant Consultant	-	CEP-AC0192	Water Quality	 Mohd Zikri Azmi	
2	Nurul Farahiyah Binti Mohamad Yusof	Bachelor of Environmental Science & Technology	Assistant Consultant	-	CEP-AC0304	Ecology	 Asrulsani Bin Jambari	
3	Nor Atikah Binti Baharum	Master in Environment	Assistant Consultant	-	CEP-AC0305	Air & Noise	 Nur Hanisah Zainal Abidin	

Table 1.5.1 (c): List of EIA Study Supporting Team

No.	Name	Qualification	Study Area	Supervisor	Signature
1.	Nur Fadhilah Binti Hassan	Master in Marine Science	Water Quality	 Amirul Asyraf Azizan	
2.	Siti Nadiyah Binti Salleh	Master in Marine Science	Socio- Economic		
3	Naemah Binti Ibrahim	Master in Environmental Management			

1.6 LEGAL ASPECTS

1.6.1 Section 34A, Environmental Quality Act, 1974

The project will be developed as forest plantation after the land preparation took place. According to subsection 34A (1) of the Environmental Quality Act 1974 [Act 127] and Environmental Quality (Prescribed Activities) (Environmental Impact Assessment) Order 2015; the project site fall under First Schedule, Activity 5(e) which covers;

“Activity 5(e) Forestry: Development of planted forest covering an area of 100 hectares or more but less than 500 hectares”

Besides the above mentioned legal requirement, there are other legal requirements that are included during the EIA process. The list of the other legal requirements is attached in **Appendix 3** for further reference.

Therefore, an EIA report is necessary and should be contained an assessment of potential impacts and mitigation measures to the environment. The submission of the EIA for getting an approval from a Director General Department of Environment (DOE), Ministry of Environment and Water is required.

1.6.2 Conformance of the Project to Government's Development Plans

i. **Perlembagaan Persekutuan**

Under article 74 (2), Forestry is under the jurisdiction of the state government. Therefore, each state has the power and right to enact laws and manage forestry policy in their respective states. Forestry Department of Peninsular Malaysia and the State Forestry Department are responsible for the forest management of the states in the Peninsular.

ii. **Department of Forestry**

Liput Raya Sdn. Bhd. has responsibility and commitment to undertake a piece of land with acreage of 400.00 hectares at Bukit Slim Forest Reserve, Mukim Slim, and District of Muallim.

The project has been approved by Department of Forestry (DOF) Negeri Perak through a letter with a reference number: PPN. Pk. (S) 800/9/9 Jld. 2 (20) dated on 10 September 2020 (Refer to **Appendix 1**).

iii. **Policy and Strategy of Forest Management**

The forest plantation is accordance to the policy and strategy of forestry management stated in the *Dasar Perhutanan Malaysia*. Some of the policies are as follow: -

1. Identify and establish forest plantation development zones in permanent forest reserves.
2. Encourage the development of forest plantations on government lands, reserve lands, degraded areas and poor forest areas in suitable permanent forest reserves to increase timber and non -timber production.
3. Identify species that are suitable and have commercial value for forest plantations towards enhancing forest products.

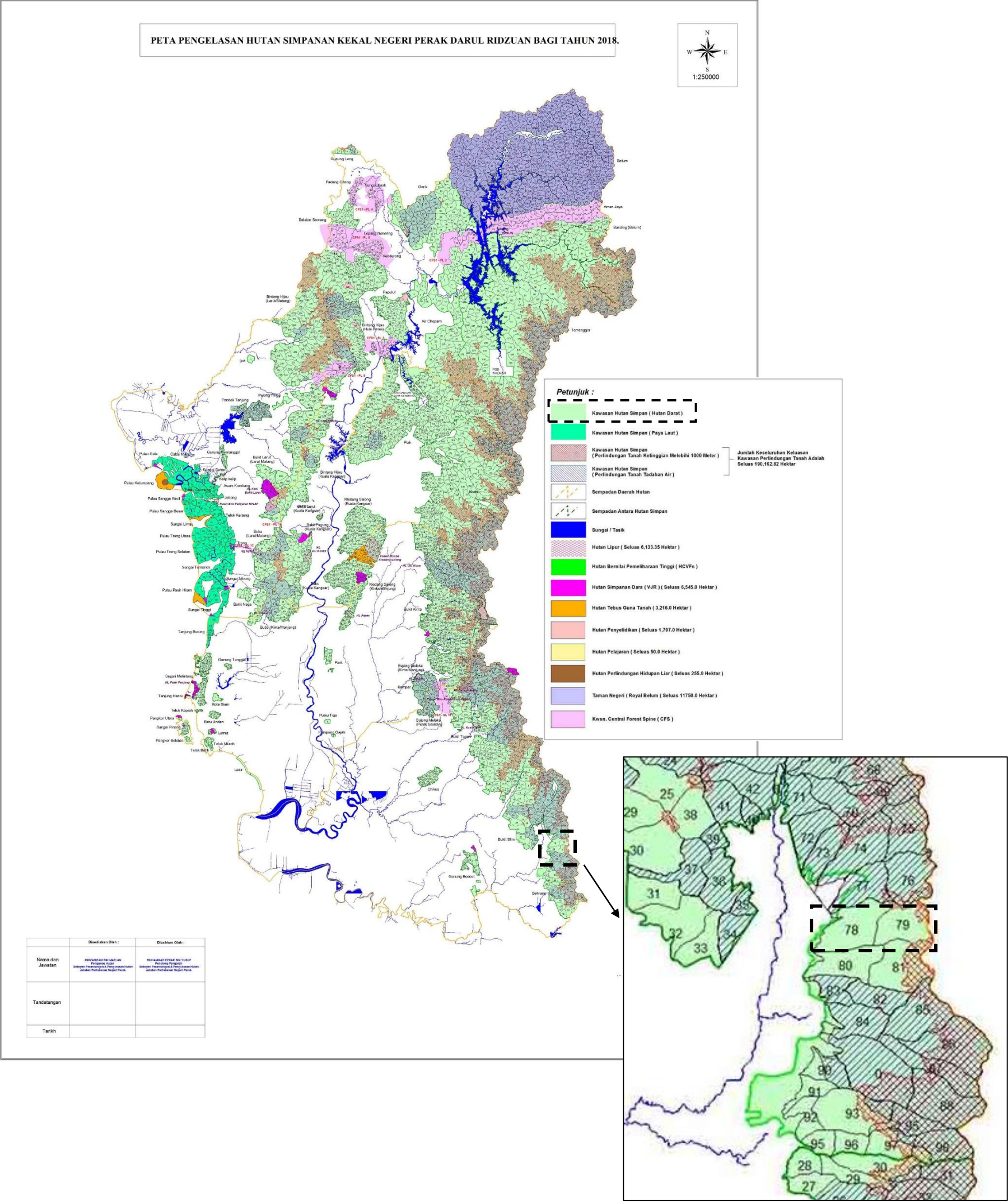
Table 1.6.1 shows the classification of forest reserve. The classification is based on the concept of rational and manageable land use. It is classified under four (4) main functions as follows:

Table 1.6.1: Forest Classification under Provisions of the National Forestry Act, 1984

Type	Function
Protection Forest	To ensure the stability of the country's climatic and physical conditions, the control of water resources, soil fertility, environmental quality, biodiversity conservation and reduce flood damage and erosion to rivers and agricultural land.
Production Forest	For the continued supply of forest products, at reasonable rates in the economy of the country for the needs of agriculture, domestic, industrial and export.
Amenity Forest	To maintain a sufficient area as a recreational eco- tourism and to increase public awareness about the forest.
Research and Education Forest	For research, education and preservation of biological diversity.

As a conclusion, the Project site is in part of compartment 78 and 79 in Bukit Slim Forest Reserve which classified under **Production Forest** where the forest plantation is allowed with license. **Figure 1.6.1** shows classification of forest reserves in Perak state.

According to National Forestry Act, 1984, this forest is classified as a timber production forest under perpetual earnings which is productive and economical to produce timber or has the potential to be restored to produce sustainable timber for local use or export. Generally, production forest is located below 1000 m above sea level and slopes of not more than 40° whereby having good road or some difficult connectivity.



Source: Perak Department Forestry

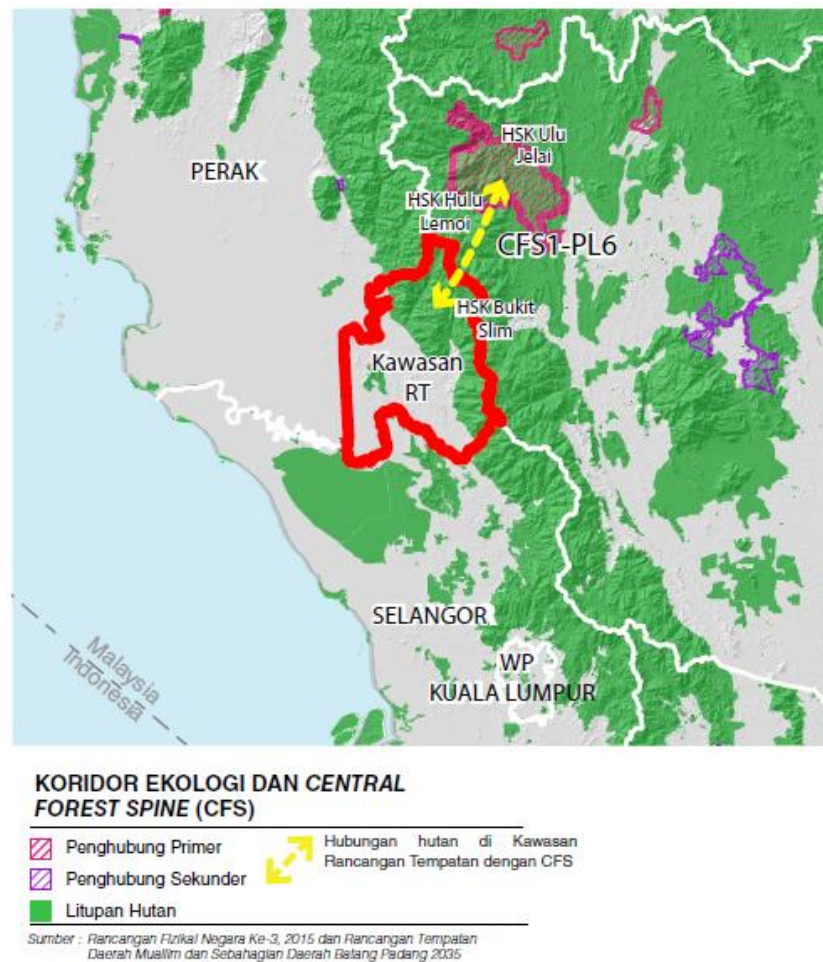
Figure 1.6.1: Forests Reserves Classification (Perak State)

iv. Local Plan (Rancangan Tempatan Daerah)

Based on *Pelan Cadangan 2035 Rancangan Tempatan Daerah (RTD) Muallim & Sebahagian Daerah Batang Padang (Appendix 4)* the Project site is located under *Blok Perancangan (BP) 2* where the land was classified as a forest. The development of forest plantation is in line with the local plan.

Central Forest Spine

As defined in the National Physical Plan, the Central Forest Spine (CFS) forms the backbone of Peninsular Malaysia's environmentally sensitive area network comprising four major forest complexes. As of now, the proposed project site is not included in the CFS Area. However, the HSK Bukit Slim in Muallim District is physically at present still has ecological relationship with HSK Ulu Jelai next to Lipis District and so on connected to CFS1-PL6 at HSK Ulu Jelai and HSK Hulu Lemoi approximately 35 km radius from the Project site (**Figure 1.6.2**).



Source: Rancangan Tempatan Daerah Muallim dan Sebahagian Batang Padang 2035

Figure 1.6.2: Forests as Ecological Connections with CFS