

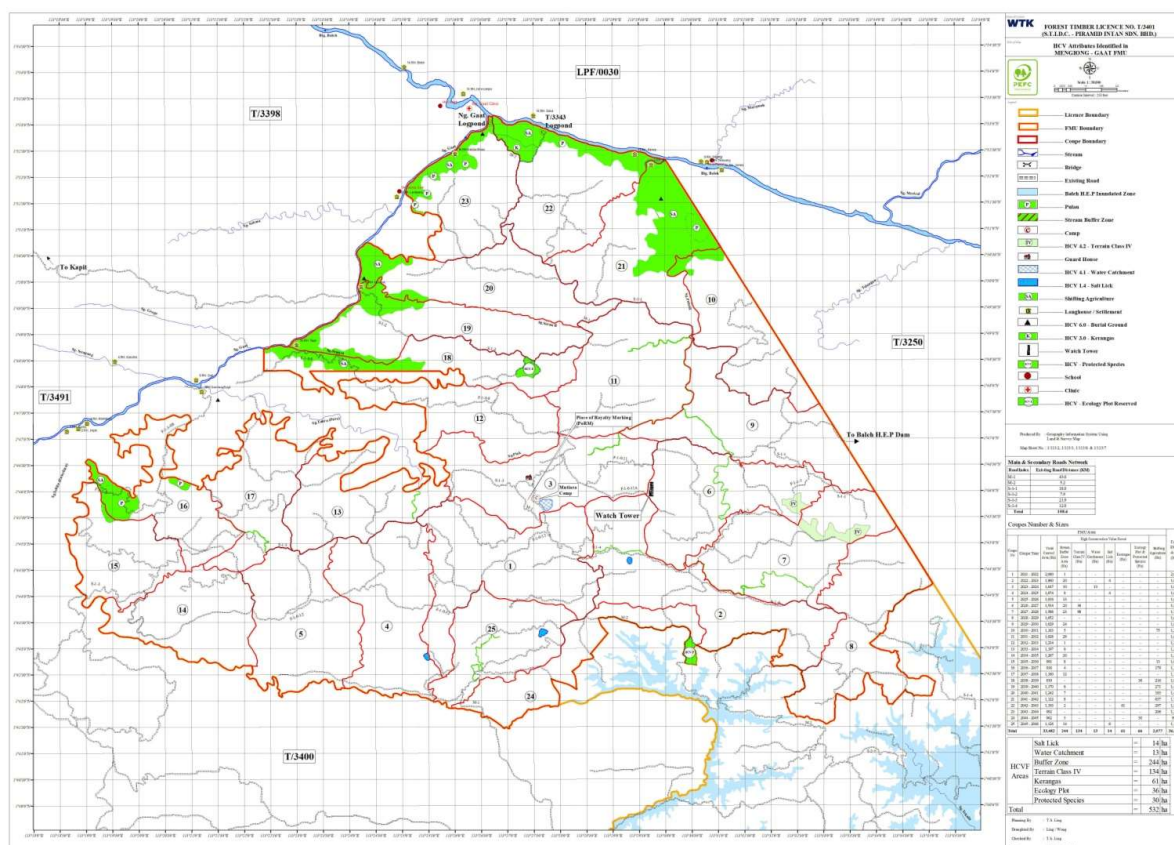
The Summary Analysis of High Conservation Value in Mengiong – Gaat FMU in 2023

High Conservation Value (HCV)	Findings	
HCV 1: Forest areas containing globally, nationally and regionally significant concentrations of biodiversity values (e.g. endemism, endangered species.)	Present	
HCV 1.1: Protected areas Note: This FMU is classified as Stateland/Protected Forest. There is no Totally Protected Area TPA inside the FMU.		Not Present
HCV 1.2: Rare, Threatened and Endangered Species Note: Two target species identified as: i. Hornbills ii. Rajah Brooks' Birdwings Butterfly iii. Sun Bear iv. Pig-tailed macaque v. Empelau (<i>Bornean gibbon</i>)	Present	
HCV 1.3: Endemic Species Note: One endemic species of <i>Nepenthes</i> , <i>periukker</i> and white orchids found in this FMU area particularly at peak hill area.	Present	
HCV 1.4 : Critical Temporal use Note: One (1) new ecology plot was identified in Coupe 18 with GPS point at Latitude N01°48'34.0" and Longitude E113°27'37.6" with elevation of 1750 feet provide maintain significant temporal concentrations of tree planting species and is important to wildlife for feeding, nesting, roosting, and migration purposes.	Present	
HCV 2 : Forest areas containing regionally significant large landscape level forests contained within or containing the management unit where viable populations of most if not all naturally occur species exist in natural pattern of distribution and abundance. Note: There is detection of abundance naturally hill MDF forests mainly in Terrain IV areas, buffer zone occurring species exist in natural pattern in this FMU.	Present	
HCV 3 : Forest areas that are in or contain rare, threatened or endangered ecosystem. Note: The re-entry hill mixed dipterocarp forest is to cover the vegetation's growth is gaining momentum; thus, the ecosystem is believed not endangered.		Not Present
HVC 4 : Forest areas that provide basic services of nature in critical conditions (e.g. watershed protection, erosion control).		
HCV 4.1 : Forest Critical to Water Catchments / Watershed Protection Note: One of the water catchment areas is inside the licensed and FMU area.	Present	
HCV 4.2 : Forest critical to Erosion Control Note: Risk of severe erosion is not likely as only control activities are to be implemented.	Present	
HCV 4.3 : Forest areas Barriers to Destructive Fires. Note: The FMU contains forest types that provide barriers to destructive fires.	Present	
HCV 5 : Forest areas fundamental to meeting basic needs of local communities (e.g. subsistence, health, well-being etc). Note: The social baseline study indicated that there are 18 longhouses/settlements adjacent/within the stateland/protected forest sourcing the water intake by gravity feed from the stateland/protected forest. The only illegal activity is encroachment of shifting agriculture (if any) in the stateland forest. According to the directive from Director of Forest, they can stay but no new opening allowed without consent from Forest Department Sarawak.	Present	
HCV 6 : Forest areas that with cultural values Note: Cultural or religious activities were not found in this forest areas.		Not Present

Summary of Monitoring Activities for HCVF Conservation area

ITEM	TARGETS	INDICATOR	METHODOLOGY	FREQUENCY	RESPONSIBILITY
1	Saltlicks / <i>Apan</i>	Area of re-entry hill forest	Field Survey	After each survey	THWR & surveyors
2	Terrain IV	Areas are not enlarged	Field Survey	After each monitoring / patrolling survey	THWR & surveyors
3	Kerangas	Controlled Area	Field Survey	After each monitoring / patrolling survey.	THWR & surveyors
4	Silviculture Treatment	Replanting area	Field Survey	After each survey for post-harvesting	THWR & surveyors
5	Permanent Sample Plots (research purposes)	Growth and yield plots	Field Survey	4/5 years or before next Revised FMP	THWR & surveyors
6	Stream Buffer Zones	Demarcated forest boundaries are not encroached	Field Survey	After each survey	THWR & surveyors
7	Hornbills	Population density / Species Distributions of Hornbills	Plots and population census	After each survey	THWR & surveyors
8	Rajah Brooke's Birdwing	Population density: Distribution and Occurrence	Inspection and Observation on fixed plots / transects	After each survey	THWR & Surveyors

HCVF Map:



Summary of wildlife recorded by animals classification in Year 2023 (Jan – Sep)

No.	Animals Classification	Species Type	Month									Total	
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
1	Mammal	7	1	3	2	3	3	3	6	7	2	30	62%
2	Reptile	2	1	0	0	0	0	0	0	0	1	2	4%
3	Bird	2	2	1	1	1	0	1	1	0	1	8	17%
4	Insect	1	0	1	0	2	2	1	1	0	1	8	17%
Grand Total												48	100%

Summary of Wildlife Patrolling and Monitoring Results for Year 2023 (Jan – Sep)

Summary of Wildlife Recorded by Animals Classification in Year 2023

