

## HCV Summary of ARSB HS Petuang Concession (2016-2021)

Asrama Raya Sdn Bhd (ARSB) have conducted HCV assessments in several compartment of ARSB HS Petuang concession. The field assessments have been conducted in compartment 42, 44, 62, 63, 64, 65 and 93.

HCV	Description of HCV value	Findings	Management recommendations	Monitoring recommendations
1	Species diversity	<ul style="list-style-type: none"> <li>- Present study shows that no HCV area for HCV 1 have been found yet.</li> <li>- Based on camera trap, several animals have been found in ARSB HS Petuang concession including rare, threatened and endangered species (RTE).</li> <li>- However, the RTE species found from camera trapping only present once in the area, where they only pass by the area.</li> <li>- Therefore, we couldn't indicate the HCV area for them.</li> </ul>	<ul style="list-style-type: none"> <li>- No encroachment, illegal harvesting and hunting are allowed at the wildlife trails, buffer zones and stream areas.</li> <li>- Control access to ARSB concession by building gate at the concession entrance to prevent poachers and outsiders to enter ARSB HS Petuang concession.</li> <li>- 'No hunting' signage was established at the main entrance and operational areas to provide warning against illegal activities and hunting.</li> <li>- Set up camera traps in several areas of ARSB HS Petuang concession for long term periods.</li> </ul>	<ul style="list-style-type: none"> <li>- Regular monitor ARSB HS Petuang concession from encroachment, hunting and poaching.</li> <li>- Conduct periodic monitoring of wildlife.</li> <li>- Monitor the occurrence of animals through camera trapping and opportunistic sightings.</li> <li>- Engaged with local community from Kg. Petuang for helping in monitoring ARSB HS Petuang concession from encroachment and hunting.</li> </ul>

		<ul style="list-style-type: none"> <li>- ARSB will strive to protect all the animals especially RTE species in the concession.</li> </ul>	<ul style="list-style-type: none"> <li>- Ground survey for animal identification by direct observation such as footprints, scats, scratch marks and nests.</li> <li>- Collaborate with biologists / researcher to manage wildlife in ARSB HS Petuang concession.</li> </ul>	
2	Landscape-level ecosystems and mosaics	<ul style="list-style-type: none"> <li>- No HCV area is indicated.</li> <li>- ARSB HS Petuang concession does not considered as large landscape as this concession only covers an area of 10,000 ha.</li> </ul>	<ul style="list-style-type: none"> <li>- Not applicable.</li> </ul>	<ul style="list-style-type: none"> <li>- Not applicable.</li> </ul>
3	Ecosystems and habitats	<ul style="list-style-type: none"> <li>- Present study show that no HCV area have been found.</li> <li>- Endangered ecosystem was not found in ARSB HS Petuang concession</li> </ul>	<ul style="list-style-type: none"> <li>- Not applicable.</li> </ul>	<ul style="list-style-type: none"> <li>- Not applicable.</li> </ul>

4	Ecosystem services	<ul style="list-style-type: none"> <li>- The steep areas which are 1,000 m above sea level (a.s.l.) was established as HCV area.</li> </ul>	<ul style="list-style-type: none"> <li>- ARSB collaborate with Terengganu State Forestry Department (TSFD) to manage the steep areas.</li> <li>- All of the human activities such as logging and road construction are not allowed in these areas.</li> <li>- Forest encroachment, illegal harvesting and hunting are also not allowed at these areas.</li> </ul>	<p>The steep areas which are 1,000 m a.s.l in ARSB HS Petuang concession are monitored through:</p> <ul style="list-style-type: none"> <li>- Topography map</li> <li>- Remote sensing application</li> <li>- Field examination / ground observations of the steep areas (if necessary).</li> </ul>
5	Community needs	<ul style="list-style-type: none"> <li>- No HCV area is indicated.</li> <li>- Local community from Kg. Payong do not depend on the forest resources of ARSB HS Petuang concession.</li> </ul>	<ul style="list-style-type: none"> <li>- Not applicable.</li> </ul>	<ul style="list-style-type: none"> <li>- Survey and interview including meeting with local community from Kg. Payong will be carried out annually to obtain updated information on their basic needs from ARSB HS Petuang concession.</li> </ul>

6	Cultural values	<ul style="list-style-type: none"> <li>- No HCV area is indicated.</li> <li>- No religious site of the local community is found within ARSB HS Petuang concession.</li> </ul>	<ul style="list-style-type: none"> <li>- Not applicable.</li> </ul>	<ul style="list-style-type: none"> <li>- Survey and interview including meeting with local community from Kg. Payong will be carried out annually to obtain updated information on their cultural and religious activities from ARSB HS Petuang concession.</li> </ul>
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