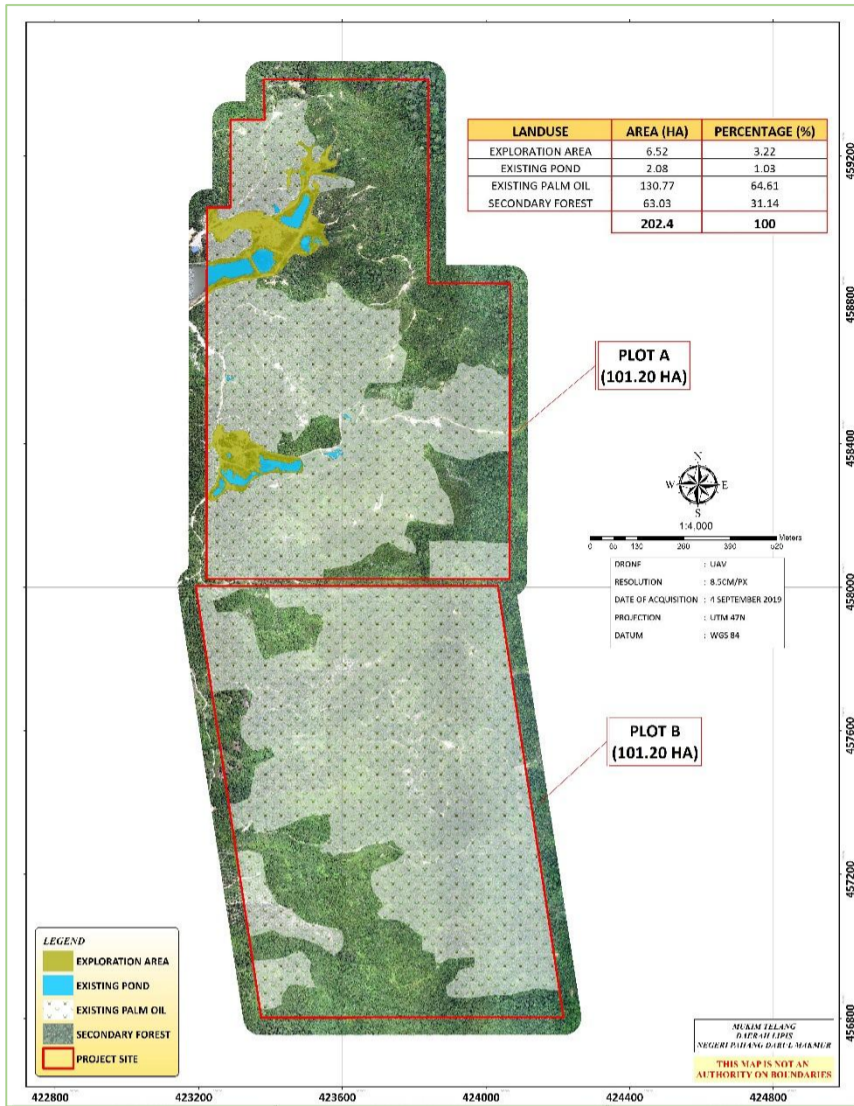


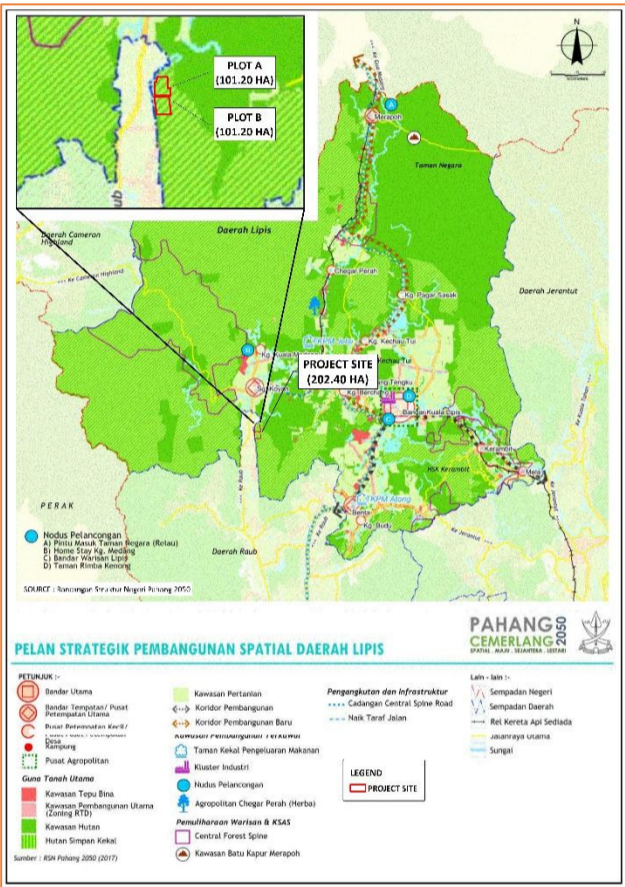
EXECUTIVE SUMMARY

1.0 INTRODUCTION



PROJECT TITLE:
 PROPOSED GOLD MINING (ALLUVIAL) FOR KGSS VENTURE HOLDINGS SDN. BHD. WITH AN AREA OF 202.4 HECTARE (500 ACRE) AT SUNGAI CERABANG, MUKIM TELANG, DAERAH LIPIS, PAHANG

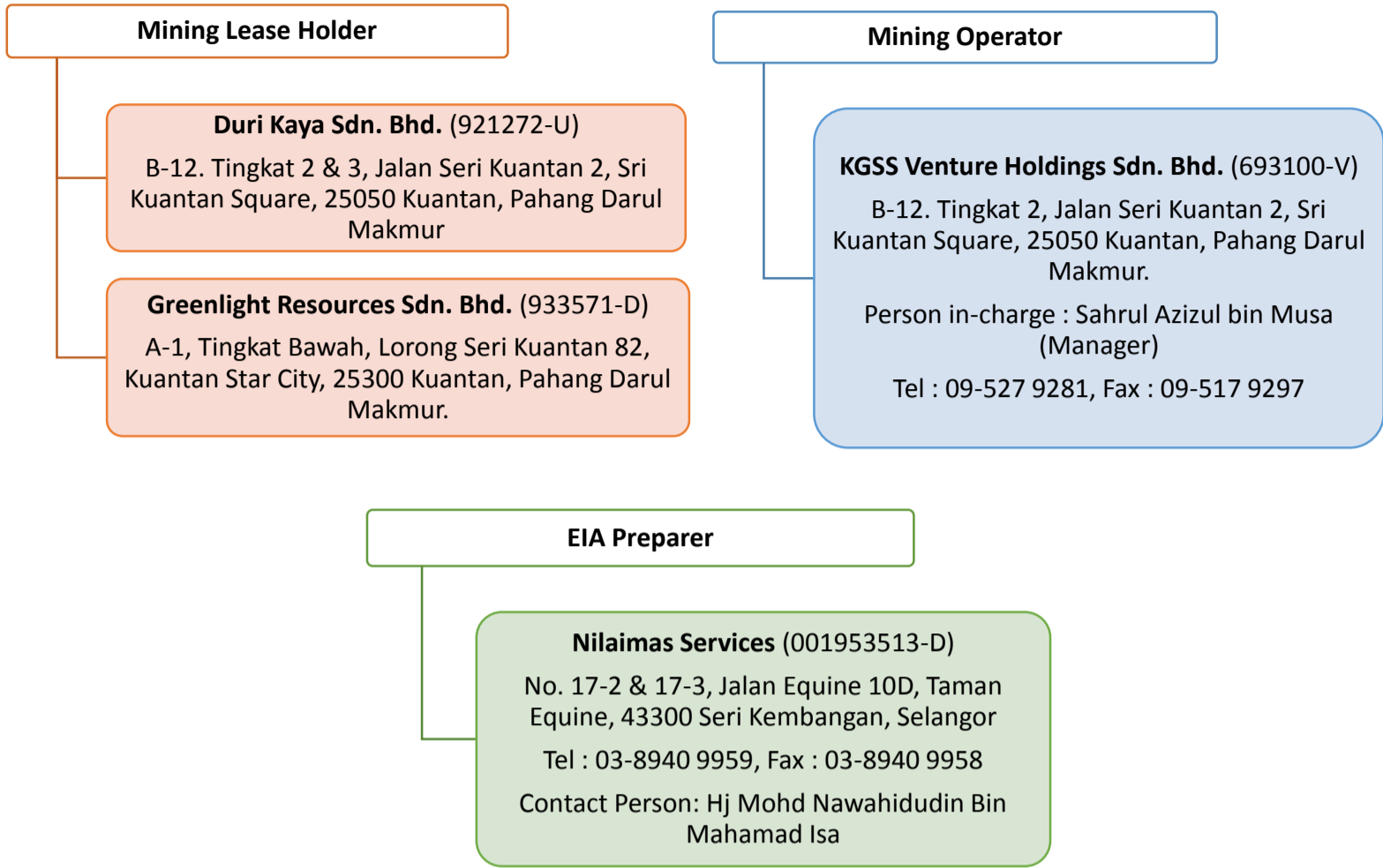
ACCORDING TO RANCANGAN STRUKTUR NEGERI PAHANG 2050: PROJECT AREA LOCATED IN HUTAN SIMPAN KEKAL



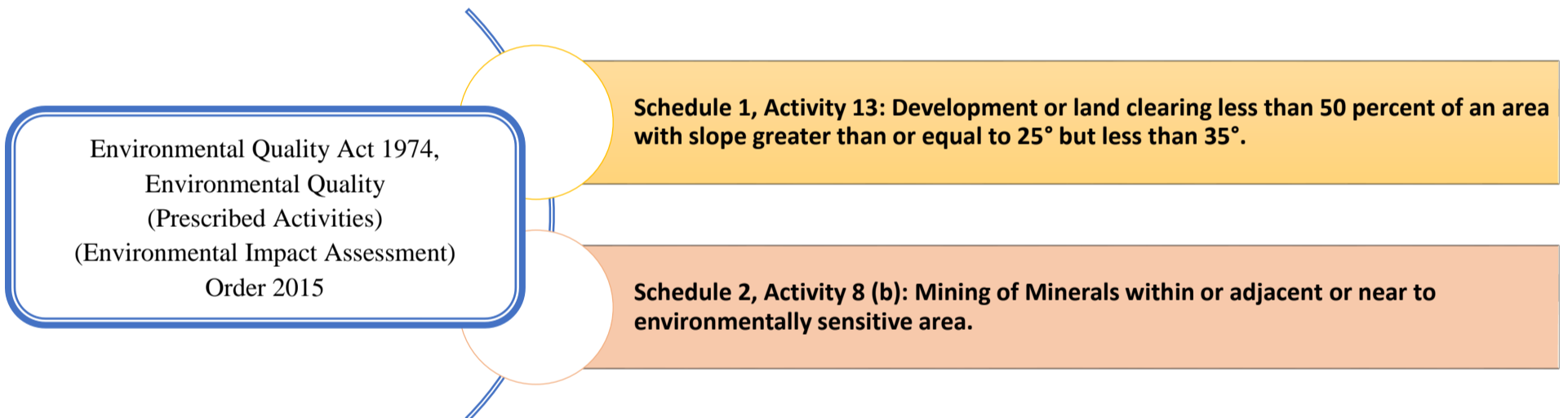
THE LAND STATUS HAVE BEEN DE-GAZETTE FROM PERMANENT FOREST RESERVE.
 THE TWO PARCELS OF LAND FORMERLY BEARING PERMANENT FOREST RESERVE STATUS HAVE BEEN REPLACED WITH PERMANENT FOREST RESERVE LOCATED IN HUTAN SIMPAN CHUAT (ADDITIONAL), MUKIM KECHAU.

Mining Lease	Gazette Date	Gazette No.	Survey Plan No.	Action
ML 17/2019	1 October 2019	2039	P.A. 288203	Cease from being a Permanent Forest Reserve status (HSK Tersang)
↓ Status Replacement				
	27 September 2019	2035	P.W. 5366	Accorded with Permanent Forest Reserve status (Chuat Forest Reserve [Additional])
Mining Lease	Gazette Date	Gazette No.	Survey Plan No.	Action
ML 08/2020	5 February 2020	627	P.A. 288131	Cease from being a Permanent Forest Reserve status (HSK Tersang)
↓ Status Replacement				
	5 February 2020	626	P.W. 5381	Accorded with Permanent Forest Reserve status (Chuat Forest Reserve [Additional])

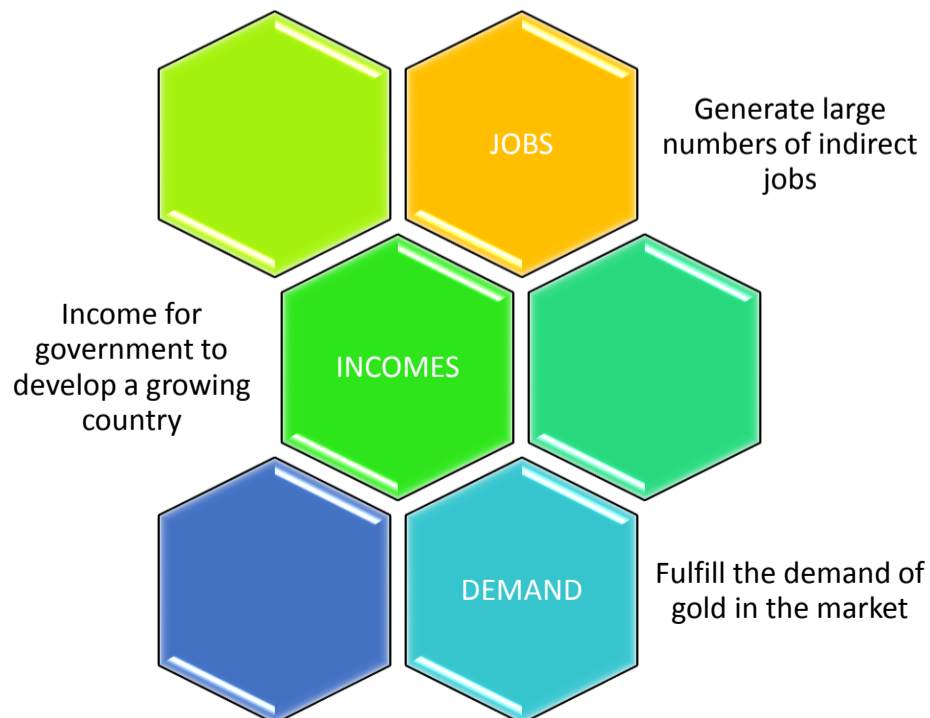
2.0 PROJECT PROPONENT AND QUALIFIED PERSON



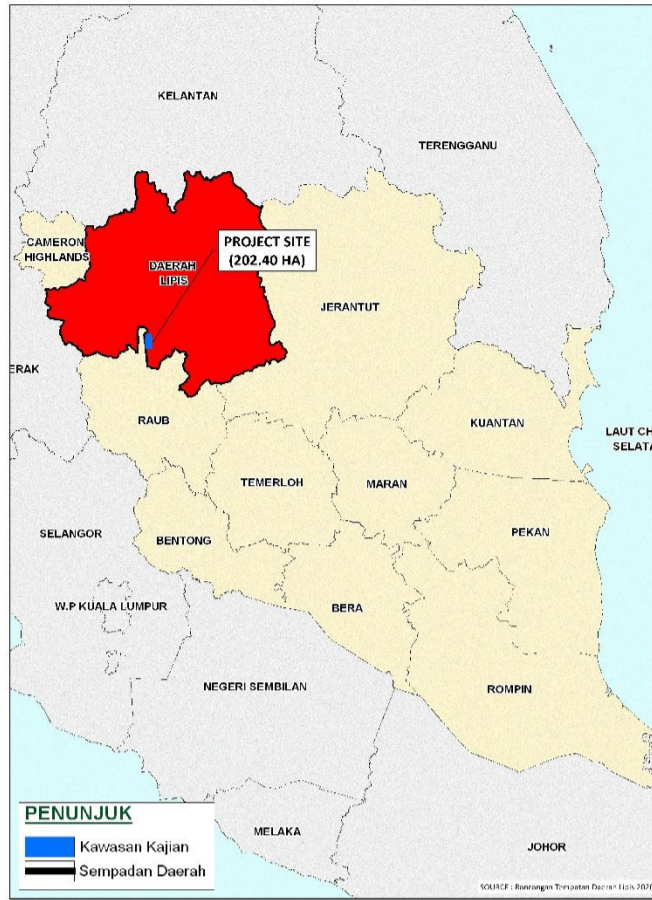
3.0 LEGISLATIVE REQUIREMENT



4.0 STATEMENT OF NEED



5.0 PROJECT LOCATION

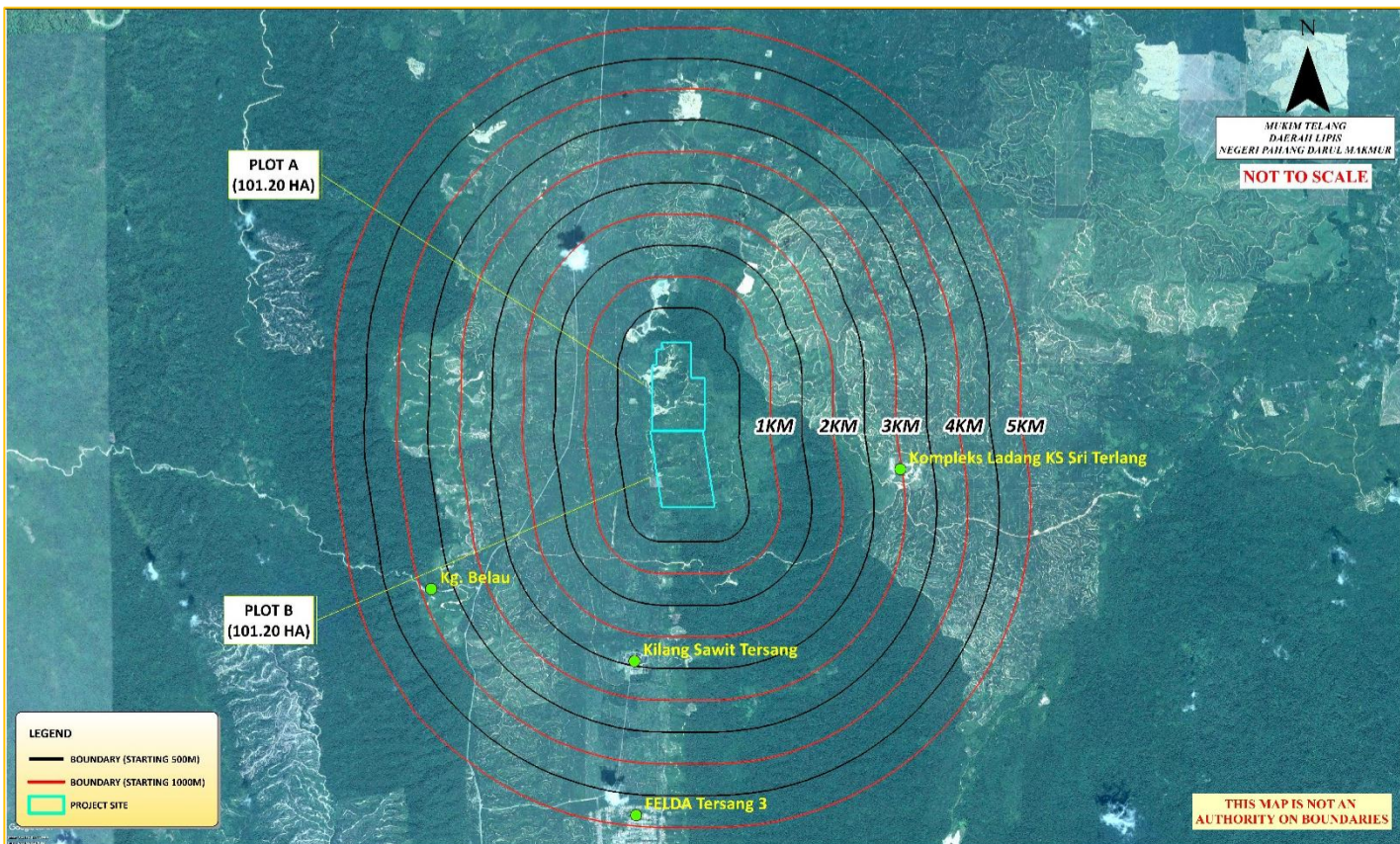
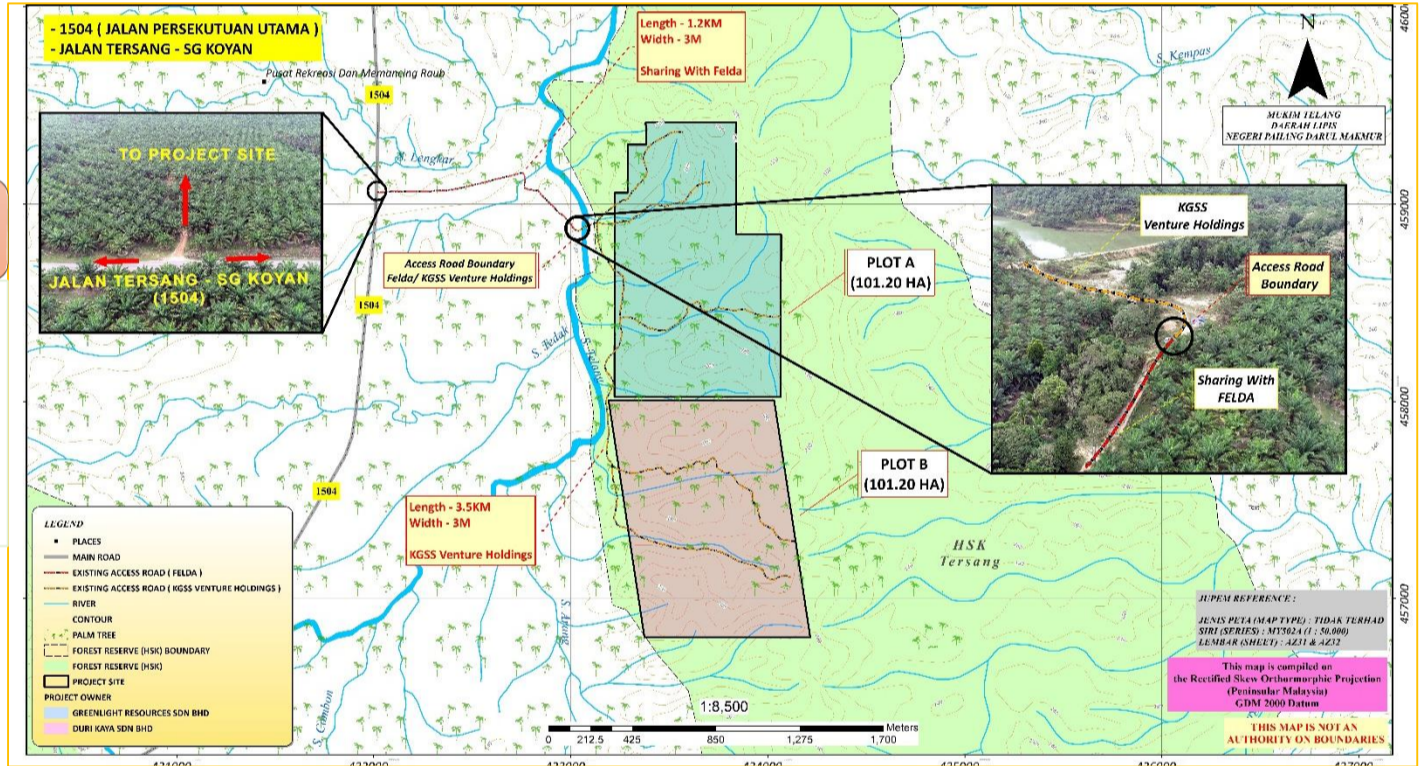


LOCATION

- SUNGAI CERABANG, MUKIM TELANG, DAERAH LIPIS, PAHANG

ACCESS

- RAUB TOWN - FELDA SG KOYAN APPROXIMATELY 45 MINUTES THROUGH THE JALAN PERSEKUTUAN UTAMA F1504.
- 1.2 KM FROM MAIN ROAD TO SITE BOUNDARY



SETTLEMENTS

- KG. BELAU
- FELDA TERSANG 3

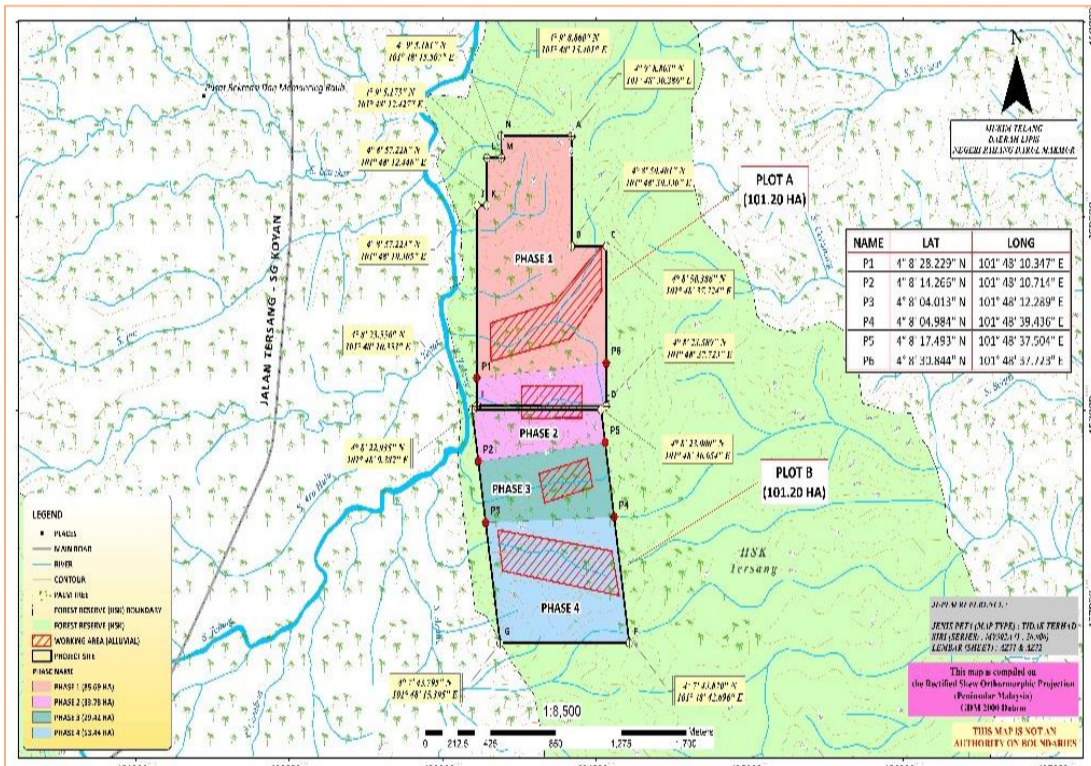
INDUSTRIES

- KILANG SAWIT TERSANG
- KOMPLEKS LADANG KS SERI TELANG

6.0 PROJECT DESCRIPTION

THE TOTAL PROJECT AREA IS 202.40 HA. THE LAND INVOLVES TWO MINING LEASES:
ML 17/2019 (101.2 HA)
ML 08/2020 (101.2 HA)

Subjects	Particulars of the Mining Leases	
	Mining Lease Plot A	Mining Lease Plot B
ML No.	ML 17/2019	ML 08/2020
Lot No.	20722 (PA288203)	20723 (PA288131)
Region	Sungai Cerabang	Sungai Cerabang
Mukim	Telang	Telang
District	Lipis	Lipis
Area of ML	101.2 ha	101.2 ha
Period of ML	11 Nov 2019 – 10 Nov 2021	10 Jun 2020 - 9 Jun 2022
Date of Issuance	11 Nov 2019	10 Jun 2020
Holder of ML	Greenlight Resources Sdn. Bhd.	Duri Kaya Sdn. Bhd.
Mining Operator	KGSS Venture Holdings Sdn. Bhd.	



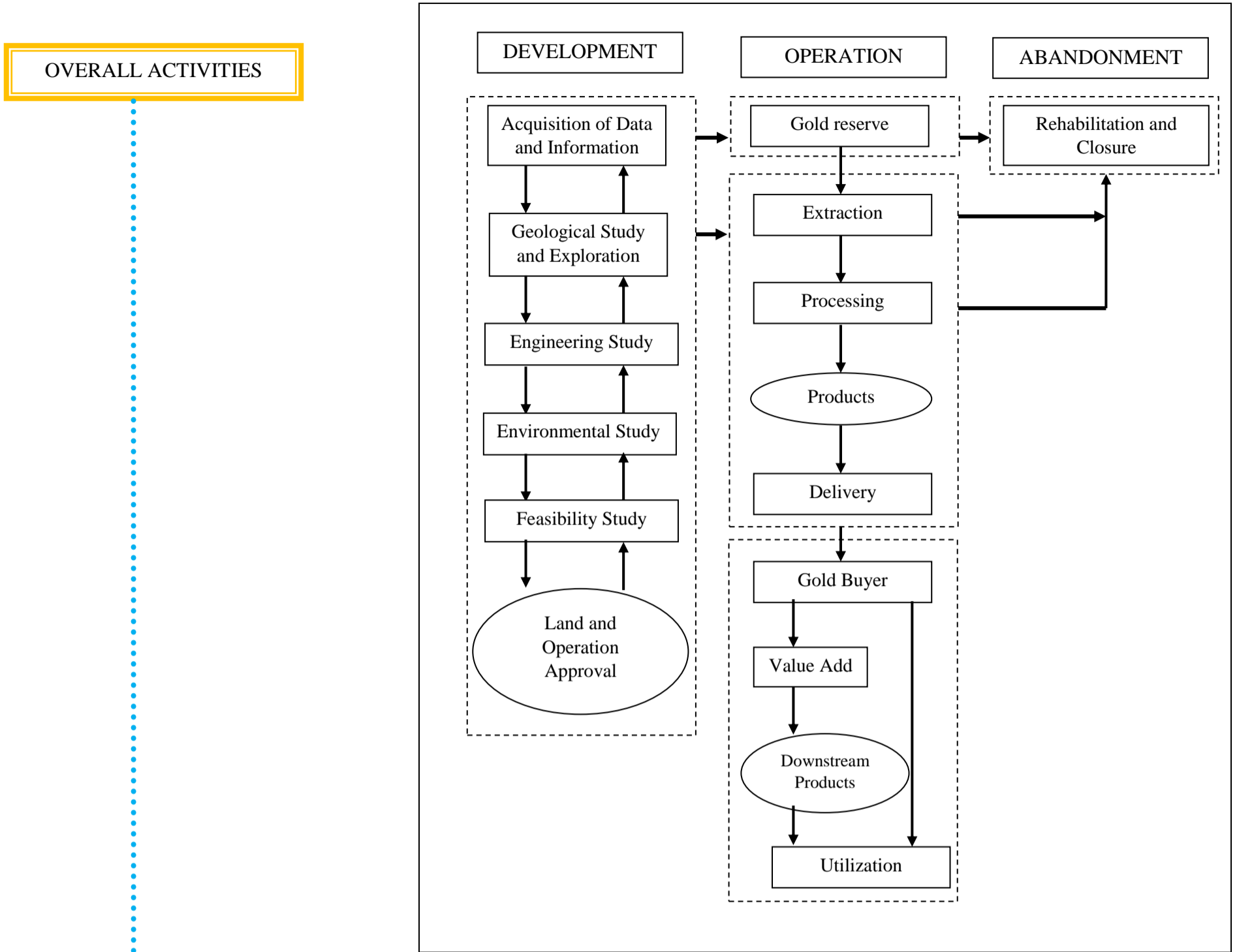
Mine Life = $\frac{\text{Total Volume to be Mined}}{\text{Rate of Mining}}$
 = 201,600 m³ / 10,000 m³ per month
 = 20.1 months (1.7 years)
 Add = 2.0 months/mine life for inclement weather, amendment in mining scheme etc.
 Operational Life = 1.6 + (1.7 x 2/12) years
 = 1.9 years

It need to be point out that the proposed 10,000 m³ per month of mining as mentioned shall be achievable when the plant is fully operational and the mine face has been well developed.
 Allowing for additional time period shall be considered for the initial development period, down time and stoppages due to inclement weather and machineries maintenance

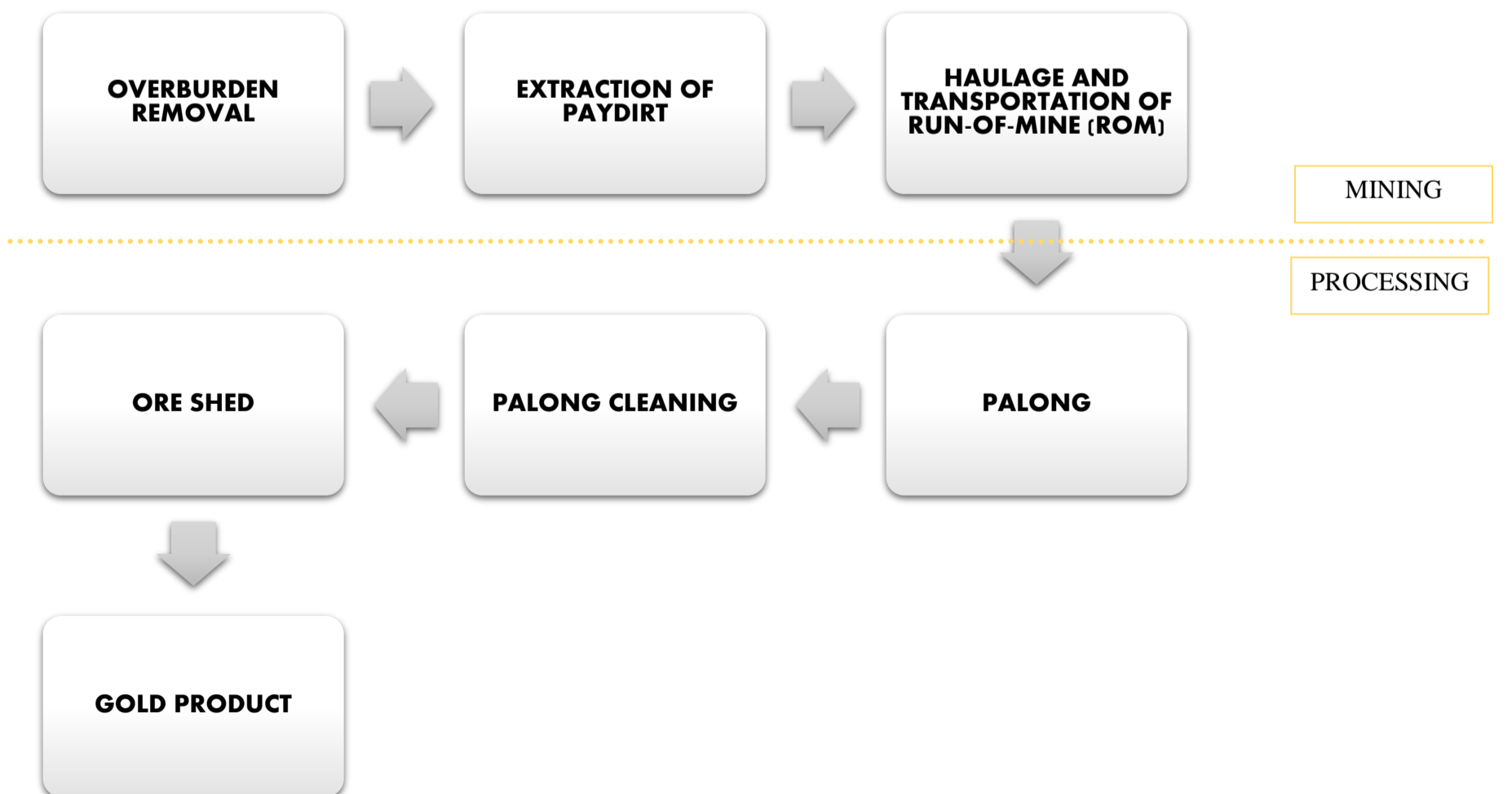
PROPOSED MINING RATE

Period	Phase	Excavation Volume (m ³)	Overburden (m ³)	Paydirt (m ³)	Tailings (Slurry) (m ³)	Gold Production (kg)
Quarter 1	1	15,000	12,000	3,000	5,400	2.48
Quarter 2		30,000	24,000	6,000	10,800	4.95
Quarter 3		30,000	24,000	6,000	10,800	4.95
Quarter 4	2	30,000	24,000	6,000	10,800	4.95
Quarter 5		30,000	24,000	6,000	10,800	4.95
Quarter 6	3	30,000	24,000	6,000	10,800	4.95
Quarter 7		30,000	24,000	6,000	10,800	4.95
Quarter 8	4	6,600	5,280	1,320	2,376	1.00
Total		201,600	161,280	40,320	72,576	33.18

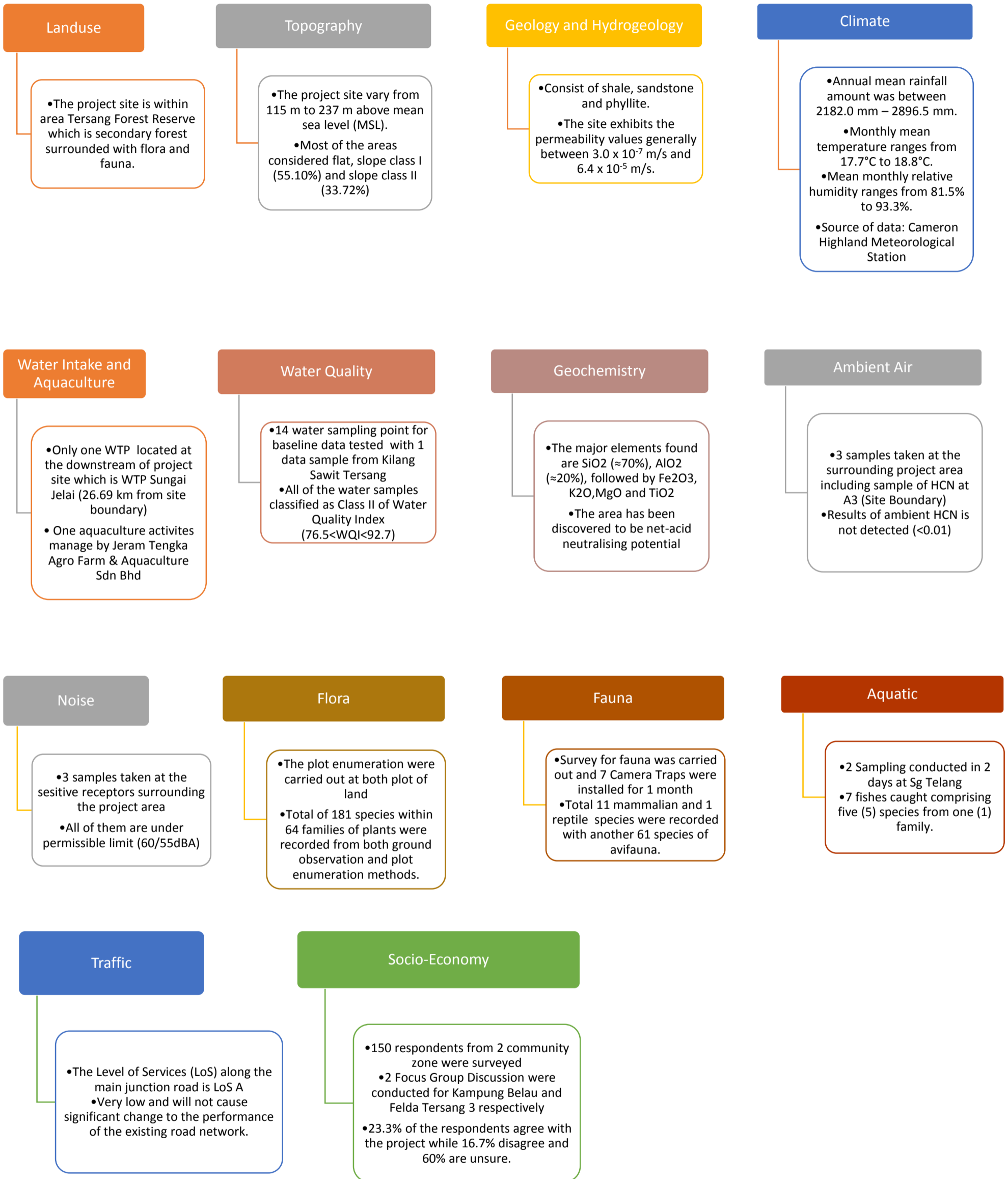
7.0 PROJECT ACTIVITIES



MINING & PROCESSING



8.0 EXISTING ENVIRONMENT



9.0 IMPACTS ASSESSMENT & MITIGATION MEASURES

Types of Environmental Monitoring	Activity	Parameter	Recommended Limits	Monitoring Locations	Frequencies	
Performance Monitoring (PM)	Sediment trap/ Basin	Silt Marker	2/3 of the height of silt marker	Referred to the LD-P2M2 attachment	After 12.5 mm of heavy rainfall	
	Check dam	Structure	-		Weekly	
	Wash Trough	Structure	-		After 12.5 mm of heavy rainfall	
	Temporary or Permanent Waterway Crossing (culvert/bridge)	Structure	-			
Compliance Monitoring (CM)	Air Quality	PM ₁₀	100 µg/m ³	Refer to Figure 9.4	Quarterly	
	Noise	L _{Aeq}	Day: 60 dBA Night: 55 dBA			
	Surface Water Quality	TSS		50 mg/L	Refer to Figure 9.3	Monthly
		Turbidity		50 NTU		
		BOD ₅		3 mg/L		
		COD		25 mg/L		
		pH		6-9		
		DO		5-7		
		NH ₃ -N		0.3 mg/L		
		E.coli		400 count/100ml		
		Hg		0.001 mg/L		
		Cr		0.05 mg/L		
		CN		0.02 mg/L		
		Pb		0.05 mg/L		
		Cu		0.02 mg/L		
		Ni		0.05 mg/L		
		Sn		-		
		Zn		5 mg/L		
		B		1 mg/L		
	Fe		1 mg/L			
	Al		-			
	Ba		1 mg/L			
	Se		0.01 mg/L			
	As		0.05 mg/L			
	Mn		0.1 mg/L			
	Discharge from Silt trap/ Sediment trap	Al		10 mg/L	Number of pond proposed in the LD-P2M2	Monthly and After 12.5 mm of heavy rainfall
		As		0.05 mg/L		
Ba			1.0 mg/L			
BOD ₅			20 mg/L			
B			1.0 mg/L			
Cd			0.01 mg/L			
Cr (VI)			0.05 mg/L			
Cr (III)			0.20 mg/L			
Free Cyanide			0.1 mg/L			
Cyanide (WAD) ²			0.5 mg/L			
Fluoride			2.0 mg/L			
Formaldehyde			1.0 mg/L			
Free Chlorine			1.0 mg/L			
Fe			1.0 mg/L			
Pb			0.10 mg/L			
Hg			0.005 mg/L			
Oil and Grease			1.0 mg/L			
pH			6.0 – 9.0			
Phenol			0.001 mg/L			
Se			0.02 mg/L			
Ag			0.1 mg/L			
Sulphide			0.50 mg/L			
Suspended Solids			50 mg/L			
Temperature			40 °C			
Zn		2.0 mg/L				
Cu		0.20 mg/L				
Mn		0.20 mg/L				
Ni		0.20 mg/L				
Sn		0.20 mg/L				
Ammoniacal Nitrogen		10 mg/L				

Impact Monitoring (IM)	Air Pollution	PM ₁₀	New Malaysia Ambient Air quality Standard	Refer to Figure 9.4	Quarterly
	Noise Level	L _{Aeq}	Schedule of Permissible Sound Levels, Schedule 1: Maximum Recommended Permissible Sound Level (L _{Aeq}) by Receiving Land Use for New Development, Guidelines for Environmental Noise Limits and Control	Refer to Figure 9.4	Quarterly
	Surface Water Quality	As per CM	National Water Quality Standard (NWQS, IIB)	Refer to Figure 9.3	Monthly
	Effluent		Mineral Development (Effluent) Regulations 2016 (Limit 3)	LD-P2M2	Monthly and After 12.5 mm of heavy rainfall