

- d. **Executing Agency:** The work will be executed by the Department of Forests, Env. & WL Management.
- e. **Monitoring and Evaluation:** The monitoring and evaluation of the project will be done by the Regional Office, Meghalaya, Shillong, Government of India and State Forest Department, Government of Sikkim at interval.
- f. **Schedule of Time:** The work will be executed in year 2017-18 during the month of June & August subject to availability of fund from User Agency in time.

4. FINANCIAL FORECAST:

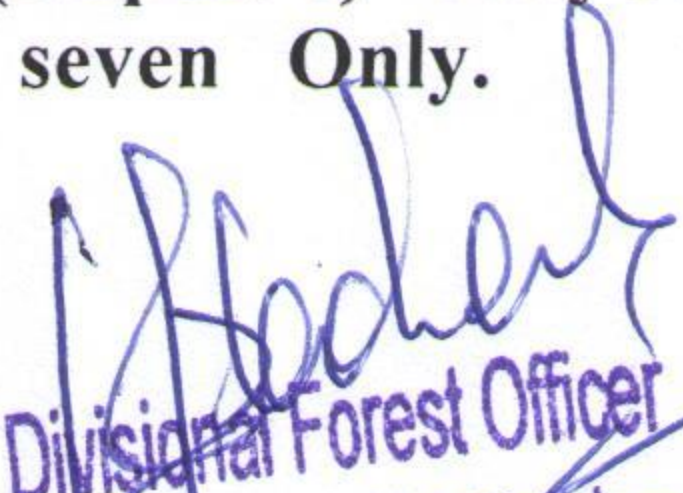
Block Plantation: Area =38.144Ha (High Altitude)

(A). Block Plantation: 38.144Ha @ Rs. 56602per ha = Rs. 21, 59, 27 /-

B	MAINTENANCE	Amount (in Rs.)
(a)	Maintenance of 2 nd (Twice a year): (a) Two weeding in 2 nd year=38.144ha .x @ Rs. 13,225/-x 2	10,08,909/-
(b)	Maintenance 3 rd year (b) One weeding in 3 rd year= 38.144ha x @ Rs.8579/- x1	3,27,238/-
(c)	Maintenance 4 th year (c) Single weeding in 4 th year= 38.144ha x @ Rs.6540/-x1	2,49,462/-
(d)	Maintenance 5 th year Single weeding in 5 th year=38.144ha x @ Rs.6540x1	2,49,462/-
(e)	Maintenance 6 th year Single weeding in 6 th year=38.144ha x @Rs.6540 x1	2,49,462/-
(f)	Maintenance 7 th year Single weeding in 7 th year=38.144ha x@ Rs.6540 x1	2,49,462/-
(g)	Maintenance 8 th year Single weeding in 9 th year=x38.144ha @ Rs.6540 x1	2,49,462/-
(h)	Maintenance 9 th year Single weeding in 9 th year=x38.144ha @ Rs.6540 x1	2,49,462/-
(i)	Maintenance 10 th year Single weeding in 10 th year=x38.144ha @ Rs.6540 x1	2,49,462/-
	TOTAL(A+B)=	32,98,308/-
C	Dry stone fencing 1.Km @ Rs.11,21,655 /per km	11,21,655 /-
	Total (A+B+C)	44,19,963/-
D	Over Head/ Monitoring & Evaluation/ Contingencies	
Sl.No.	Particulars	Amount (in Rs.)
I	Office Expenses, Stationery, TA/DA, Repair of vehicle/ computer etc. @ 10% of above	4,41,996/-
II	Monitoring & Evaluation @ 2% of above	88,399/-
III	Contingencies @ 4 % of above	1,76,799/-
	Total D	7,07,194/-
	TOTAL (A+B+C+D) =	51,27,157/-

Total Amount Rs. 51,27,157 /-

(Rupees :) FiftyOne Lakh Twenty- seven Thousand One Hundred Fifty-seven Only.


Divisional Forest Officer
North Territorial Division
Forest & Environment Department


Manzil Kharel
Assistant Conservator of Forest
Mangan Sub Division
North Territorial Division
Forest & Environment Department

ESTIMATE FOR COMPENSATORY AFFORESTATION SCHEME FOR DIVERSION OF 19.072HA OF FOREST LAND FOR PROPOSED CONSTRUCTION OF HIGH ALTITUDE HILL ROAD TO INDO-CHINA BORDER (DORJILA TO DORJILA BASE)ROAD(10.54 KM) UNDER PHASE II IN THE STATE OF SIKKIM HAS BEEN ENTRUSTED TO CENTRAL PUBLIC WORKS DEPARTMENT (CPWD) BY THE MINISTRY OF HOME AFFAIRS ,DEPARTMENT OF BORDER MANAGEMENT ,GOVT. OF INDIA.

1. INTRODUCTION:

The Central Public Works Department CPWD. (User Agency) Govt. Of India, has proposed for diversion of 19.072 Ha. Of forest land for construction of High Altitude Hill road to Indo-China Border (Dorjila to Dorjila Base) 10.54 Km under Lachen Territorial Range, for the improvement of road in North Sikkim.

2. LOCATIONS / SITES FOR COMPENSATORY AFFORESTATION:

The proposed locations/site selected for Compensatory Afforestation Scheme (Block Plantation) is reserved forest lands from Dorjila to Dorjila RF within the Lachen Territorial Range. The areas need to be treated with priority to enhance the environment & ecology in the region. The proposed locations are as under:-

Sl No	Range	Location	Block Plantation	GPS Coordinates	Fencing area in Km
1	Lachen	Dorjila to Dorjila RF	19.072ha x 2	88° 43' 47.9" 28° 1' 51.8" N	1km
Total			38.144 ha		

Integrated approach for Block Plantation would be taken up in the above mentioned area. While implementing this scheme, if the above mentioned location needs to be changed based on technical ground and priority, due approval from the government would be taken before starting the works.

3. INTEGRATED PROGRAMME/METHODOLOGY OF WORKS FOR EXECUTION

- a. **The seedlings requirement:** The seedlings required for the Block Plantation will be used from the nearest forest nursery on the payment of Department norms.

Block Plantation: The planting work will start in the month of May to July by preparing the site with cutting cleaning of bushes & digging of pits of size 45cmx45cmx45cm at a spacing of 2 m each.

- b. **Choice of Sapling:** Lek Dubo,Paapey Dhup,Lama,Sunpatti etc and any other Suitable species will be planted.

Fencing: The area under the plantation would be fenced with Stone wall fencing (due to plenty availability of stone around the locality) wherever necessary as well as at venerable points. It is necessary to protect the plantation from biotic interference.

- c. **Maintenance:** The maintenance of work like plantation, fencing and Block plantation will be carried up to 7years for successful establishment of plantation.

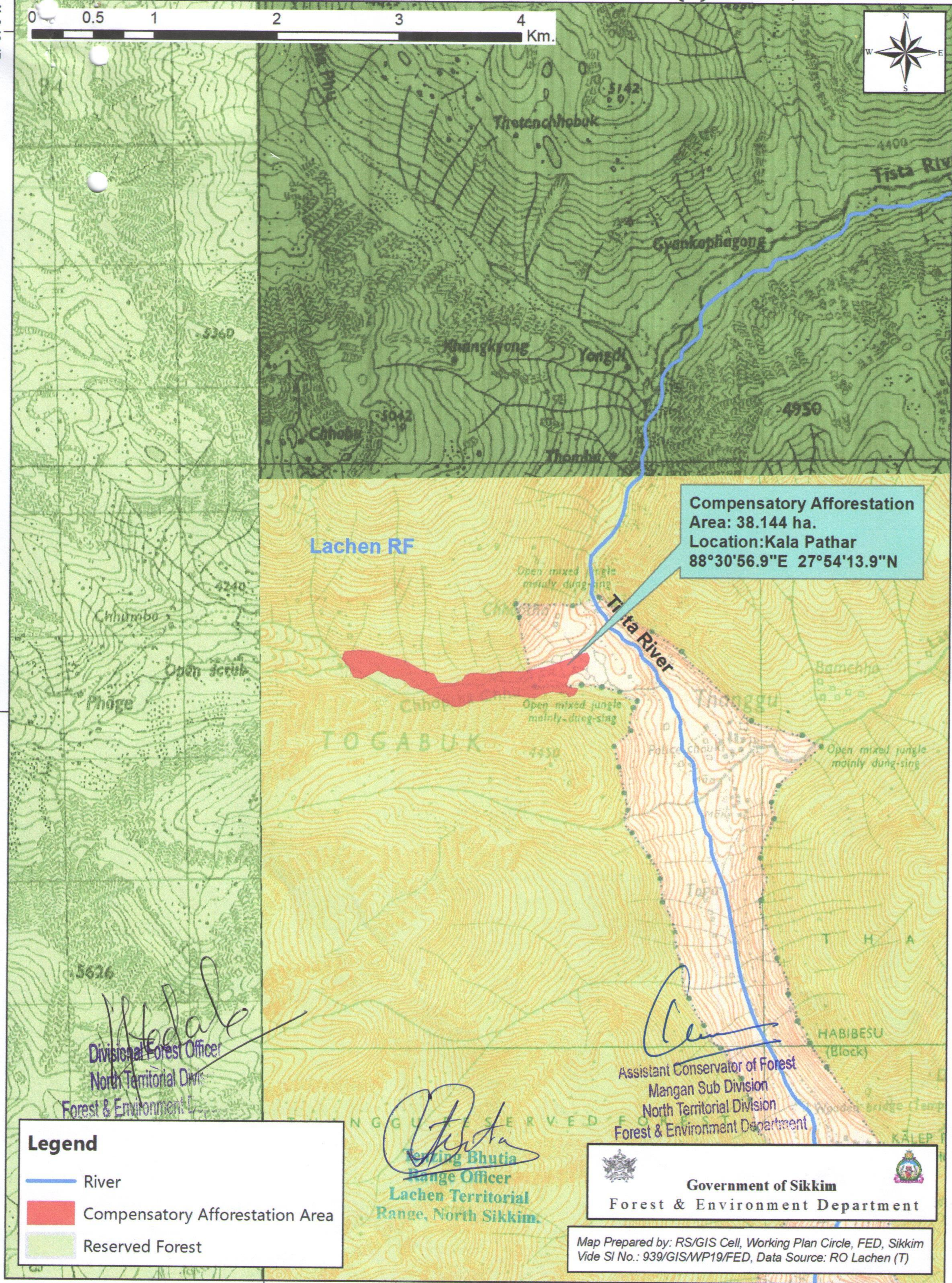
MAP SHOWING THE LOCATION OF COMPENSATORY AFFORESTATION OF 38.144 HA. AGAINST THE DIVERSION OF 19.072 HA. OF FOREST LAND FOR CONSTRUCTION OF ITBP ROAD FROM DORJILA TO DORJILA BASE UNDER LACHEN (T) RANGE, NORTH DIVISION

27°57'0"N

0 0.5 1 2 3 4 Km.



27°54'0"N



Compensatory Afforestation Area: 38.144 ha.
Location: Kala Pathar
88°30'56.9"E 27°54'13.9"N

Lachen RF

[Signature]
Divisional Forest Officer
North Territorial Division
Forest & Environment Department

[Signature]
Assistant Conservator of Forest
Mangan Sub Division
North Territorial Division
Forest & Environment Department

[Signature]
Tenzing Bhutia
Range Officer
Lachen Territorial
Range, North Sikkim.

Legend

- River
- Compensatory Afforestation Area
- Reserved Forest



Government of Sikkim
Forest & Environment Department



Map Prepared by: RS/GIS Cell, Working Plan Circle, FED, Sikkim
Vide SI No.: 939/GIS/WP19/FED, Data Source: RO Lachen (T)

88°30'0"E

88°33'0"E