

Particulars	Report																																						
2	3																																						
Name of Project	Diversion of Forest Land for up-gradation of two lane with pave shoulders. NH configuration of corridors under Bharatmala Project. NH connectivity to backward areas/religious/Tourist places of the country and ADB funded project in the state of Sikkim.																																						
Area of Project with GPS Coordinates	<p>1. 87.156 Hact. of forest land required for the main project, i.e up-gradation of the existing road. The GPS Coordinates are as follows.</p> <table><tr><td>N 27°49'14.09"</td><td>N 27°82'30.28"</td><td>N 27°86'67.41"</td><td>N 27°93'17.39"</td><td>N 27°55'55.69"</td></tr><tr><td>E 88°41'48.01"</td><td>E 88°69'52.71"</td><td>E 88°69'21.80"</td><td>E 88°73'46.25"</td><td>E 88°44'05.04"</td></tr></table> <p>1. 31.104 Hact of additional forest land required for Muck Disposal/Dumping purpose, but could find only 28.94 Hact. because of the undulating terrain, steep slopes and nearby streams. All nine sites/locations requires sausage wall and advised the same to the user agency. The GPS Coordinates of the designated Muck disposal area are as follows:</p> <table><tr><td>N 27°48'37.71"</td><td>N 27°50'37.17"</td><td>N 27°51'01.09"</td><td>N 27°51'27.36"</td><td>N 27°51'48.54"</td><td>N 27°52'55.37"</td><td>N 27°53'50.28"</td></tr><tr><td>E 88°42'13.29"</td><td>E 88°41'38.19"</td><td>E 88°41'38.71"</td><td>E 88°41'39.42"</td><td>E 88°41'39.78"</td><td>E 88°41'01.81"</td><td>E 88°42'23.92"</td></tr><tr><td></td><td></td><td>N 27°54'21.93"</td><td>N 27°52'59.63"</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td>E 88°42'30.04"</td><td>E 88°41'01.39"</td><td></td><td></td><td></td></tr></table>	N 27°49'14.09"	N 27°82'30.28"	N 27°86'67.41"	N 27°93'17.39"	N 27°55'55.69"	E 88°41'48.01"	E 88°69'52.71"	E 88°69'21.80"	E 88°73'46.25"	E 88°44'05.04"	N 27°48'37.71"	N 27°50'37.17"	N 27°51'01.09"	N 27°51'27.36"	N 27°51'48.54"	N 27°52'55.37"	N 27°53'50.28"	E 88°42'13.29"	E 88°41'38.19"	E 88°41'38.71"	E 88°41'39.42"	E 88°41'39.78"	E 88°41'01.81"	E 88°42'23.92"			N 27°54'21.93"	N 27°52'59.63"						E 88°42'30.04"	E 88°41'01.39"			
N 27°49'14.09"	N 27°82'30.28"	N 27°86'67.41"	N 27°93'17.39"	N 27°55'55.69"																																			
E 88°41'48.01"	E 88°69'52.71"	E 88°69'21.80"	E 88°73'46.25"	E 88°44'05.04"																																			
N 27°48'37.71"	N 27°50'37.17"	N 27°51'01.09"	N 27°51'27.36"	N 27°51'48.54"	N 27°52'55.37"	N 27°53'50.28"																																	
E 88°42'13.29"	E 88°41'38.19"	E 88°41'38.71"	E 88°41'39.42"	E 88°41'39.78"	E 88°41'01.81"	E 88°42'23.92"																																	
		N 27°54'21.93"	N 27°52'59.63"																																				
		E 88°42'30.04"	E 88°41'01.39"																																				
Date of inspection	11th/12 th /21 st of December 2021 for the main project and 15 th /21 st /28 th of March 2022 for Muck disposal/dumping area verification.																																						
Participants: Name Designation: Department:	<table><tr><td>Ongay Lepcha (Range Incharge) Phigu Lachungpa (H.F.G) Manoj Kmr Thapa (F.G)</td><td>Subash Ghimiray Sub Divisional Magistrate Chungthang Sub Division</td><td>Ajab Singh (A.E Civil) Pritesh (J.E Civil) (86 RCC GREF)</td><td>Debashis Guha Roy (Sr. Engner) Hrikesh Saha (J.E Civil) (Bharatmala- Eptisa)</td></tr><tr><td>Brijendra Singh JE (Engr) 86 RCC GREF</td><td>Subhrajit Banerjee JE (civ) Eptisa Bharatmala</td><td>Sanjay Sen Sr. surveyor Eptisa (Bharatmala)</td><td>Sujay Kmr Das JE (civ) 86 RCC GREF</td></tr></table>	Ongay Lepcha (Range Incharge) Phigu Lachungpa (H.F.G) Manoj Kmr Thapa (F.G)	Subash Ghimiray Sub Divisional Magistrate Chungthang Sub Division	Ajab Singh (A.E Civil) Pritesh (J.E Civil) (86 RCC GREF)	Debashis Guha Roy (Sr. Engner) Hrikesh Saha (J.E Civil) (Bharatmala- Eptisa)	Brijendra Singh JE (Engr) 86 RCC GREF	Subhrajit Banerjee JE (civ) Eptisa Bharatmala	Sanjay Sen Sr. surveyor Eptisa (Bharatmala)	Sujay Kmr Das JE (civ) 86 RCC GREF																														
Ongay Lepcha (Range Incharge) Phigu Lachungpa (H.F.G) Manoj Kmr Thapa (F.G)	Subash Ghimiray Sub Divisional Magistrate Chungthang Sub Division	Ajab Singh (A.E Civil) Pritesh (J.E Civil) (86 RCC GREF)	Debashis Guha Roy (Sr. Engner) Hrikesh Saha (J.E Civil) (Bharatmala- Eptisa)																																				
Brijendra Singh JE (Engr) 86 RCC GREF	Subhrajit Banerjee JE (civ) Eptisa Bharatmala	Sanjay Sen Sr. surveyor Eptisa (Bharatmala)	Sujay Kmr Das JE (civ) 86 RCC GREF																																				

(Vaibhav Srivastava)
Major
OC Contract
86 RCC (GREF)

(Vaibhav Srivastava)
Major
OC Contract
86 RCC (GREF)

	Details of the Land: (in Hact) a. Private b. Forest Land: (Road Reserve) c. Total land involved:	Around 116.01 Hact. of land involved falling under Reserve Forest(including the diversion for road & muck disposal area)
6	Legal status of the Land: a. Gaucharan b. Khasmal: c. Reserved Forest: d. Any others:	Reserved Forest
7	Item wise break up of Forest land required as per Project:	
8	Whether any National Park, Wildlife Sanctuary involved or not.	N.A
9	Type of Vegetation: a. Top Canopy b. Middle Canopy c. Ground Flora	Top Canopy Middle canopy
10	No. of felling of trees/poles and other Forest produce involved or not, if yes, indicate details of the plot, etc.	Since the project requires 118.26 Hact of Forest Land (upgradation of road & muck disposal area) and those land ranges from 12, 000 ft to 15, 500 ft from MSL, huge numbers of high altitude trees/ poles, as well as shrubs/ herbs including highly valued medicinal herbs will come under this project. A separate sheet of enumeration lists of trees, poles, shrubs and herbs are enclosed herewith.
11	Brief Observation of inspection Team	<p>The joint survey /joint inspection was conducted between Land Revenue and Disaster Management Deptt- Chungthang Sub-Division, BRO, 86 RCC-GREF and the User Agency (EPTISA India Pvt. Lmt) on 11th/12th and 21st of December 2021, but could not be completed due to continuous falling of the snow. We could continue our joint survey only in the month of march 2022. The proposed land falls under Yumthang, Shiv Mandir, Yumesamdong and will go upto Zero Point, which are all Reserve Forest under Lachung Territorial Range, Forest & Environment Deptt. Gentiana ornata, Swertia multicaulis, Rhododebdran anthopogan and Swertia chiraita are some of the rare medicinal plants available in this area. Silver fir, Hemlock, Kapasey and Saur are some of the tree species found in this region.</p> <p>It is also to mention that some of these land are also being used by the locals since many years for herds, grazing of herds/cattles and migration of herds in seasons.</p> <p>Swekin, Yumesamdong and Zero Point are some of the area which are being used by the locals for the above mentioned purposed.</p> <p>Further, this area is considered as one of the tourist hot spot in the state. Every year, thousands of tourist flows in, just to wetness and experience the extraordinary natural landscape and beauty of this region.</p> <p>As per the Detail Project Report prepared by the User Agency, the land required for the above project is around 87.156 Hact(for upgradation of road</p>

(Vaibhav Srivastava)
 Major
 OC Contract
 86 RCC (GREF)


) and 31.105 Hact. (for muck disposal purpose) which falls under beat 3, 5, 6 and compartment 12, 15, 16, 17, 18, 19 and 20 under Lachung Territorial Range. The area is near to international boundary (China), so on security point view; it is a basic necessity to have a good condition of road thought the year to transport arms and weapons during the time of emergency. But, Some of the rich/ rare flora and fauna of this region may come under threat or may eventually vanish in near future due to this project.

The joint inspection team recommended the diversion of land keeping in view the national security as well as check in illegal forest activity. However, this diversion of land should not disturb the natural habitat and ecosystem of the area. The User agency should ensure minimum threat and damage to bio-diversity and eco-system wherever possible. Muck disposal should be strictly monitored; otherwise it will make the catchment area vulnerable to hazards such as landslides and erosion. During the course of construction of this road, dumping of garbage by the officials and workers residing here have to be done in designated area only, if not, then the pollution level will increase and will disturb the fragile eco-system of the region. The user agency should ensure that the religious places, pilgrims area and other sacred places should be protected in all conditions.

2 Sketch Map of proposed project area showing detail alignment

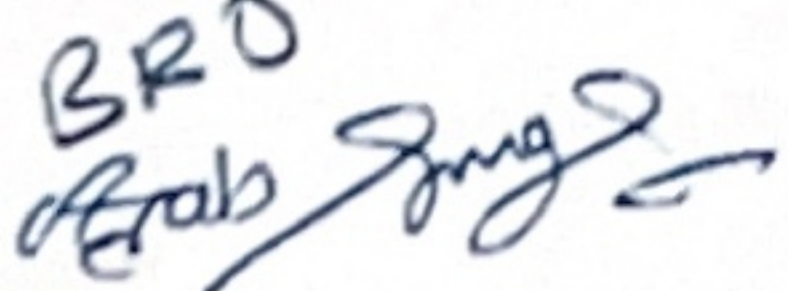
Enclosed Topo Sheet.



Divisional Forest Officer
North Territorial Division
Forest & Environment Department


RANGE OFFICER IN-CHARGE
LACHUNG (T) RANGE
FOREST AND ENV. DEPT.
GOVT. OF SIKKIM

(Vaibhav Srivastava)
Major
OC Contract
MCC (GREF)


Sub-Divisional Magistrate
Sub-Division Office
Land Revenue & Disaster Management Dept.
Chungthang North Range

BRO

AEE (CIV)
Second-in-Command
For Officer Commanding
88 RCC (GREF)

EPTISA

ep7sa