

Field Inspection Notes of Sri. Rahul Kisan Jadhav IFS, District Forest Officer, Mulugu 31.08.2023 in Eturnagaram North Range an area proposed for Diversion of 1.868 Ha in Mulugu District for construction of BT Road from Chityal to Bhupathipuram from km 0/0 to 5/0 Chityal RF in WLM Eturnagaram Forest Division of Mulugu District in favour of District R&B Officer, (Executive Engineer), Mulugu District.

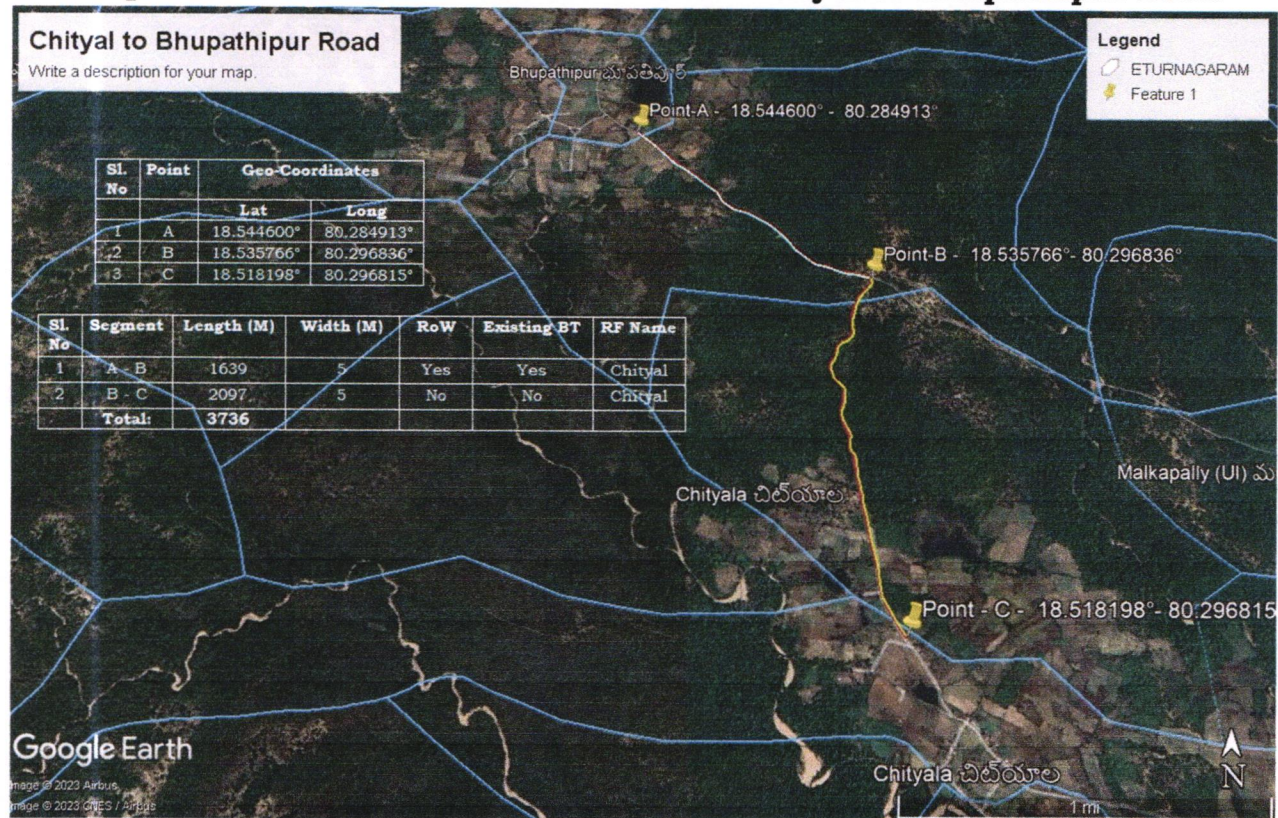
During the Field Inspection on Dated.31.08.2023, I along with Forest Range Officer, Eturnagaram (North) Range and staff of Eturnagaram North Range have Inspected proposed diversion proposals for Diversion of 1.868 Ha in Mulugu District for construction of BT Road from Chityal to Bhupathipuram from km 0/0 to 5/0 Chityal RF in WLM Eturnagaram Forest Division of Mulugu District in favour of District R&B Officer, (Executive Engineer), Mulugu District passing through forest area of Eturnagaram North Range falling in Chityal RF. The forest area required is as follows.

Sl. No	Range	Name of the R.F	Comp.No's involved	Length of road (m)	Width of road (m)	Total Forest area required for diversion
1	Eturnagaram North	R.F Chityal	27, 39a	3736	5	1.868 Ha

- This project is entirely falling in Eturnagaram Wildlife Sanctuary, which was declared as a Wildlife Sanctuary under “*In exercise of the powers conferred by Section 26-A of Wildlife (Protection) Act, 1972 (Central Act No.53 of 1972) and published in gazette of Andhra Pradesh vide Go.Ms.No.345, Dt. 17th August 1999. The Governor of Andhra Pradesh here by declares the area specified in the Schedule to be a Wildlife Sanctuary which shall be called “The Eturnagaram Wildlife Sanctuary”.*
- It is a corridor for Tiger movement and there are recent evidences of Tiger Movement. The forest is having lot of wildlife which includes Spotted deer (*Axis axis*), Jackal (*Canis aureus*), Sloth bear (*Melursus ursinus*), Neelagai (*Boselaphus tragocamelus*), Porcupine (*Hystrix indica*), Python (*Python molurus*), Wild Dogs (*Cuon alpinus*), Wild Boar (*Sus scrofa*), Chowsinga (*Tetracerus quadricornis*), Indian Gaurs (*Bos gaurus*) etc., and hence it is very important wildlife habitat.
- There are no protected Archaeological/ Heritage site/Defence establishment or any other important monument located in the forest area. However, there are many wood fossils available in the area. The proposed area for diversion is highly vulnerable to soil erosion due to the project.
- The Availability of Right of Way in each of the RFs as per the Gazette Notification of the respective RFs is as shown in the map and the following table:

Sl No	Range	RF	Segment in map	Beat	Length in Mtr	Right of Way
1	2	3	4	5	6	8
1	Eturnagaram North	Chityal	A-B	Bhupathipur (S)	1639	Yes (Cart track from Kannaiguda to Ghanpur passing through Bhupathipur as per Block Map)
2	Eturnagaram North	Chityal	B-C	Bhupathipur (S)	2097	No Row
			Total:		3736	

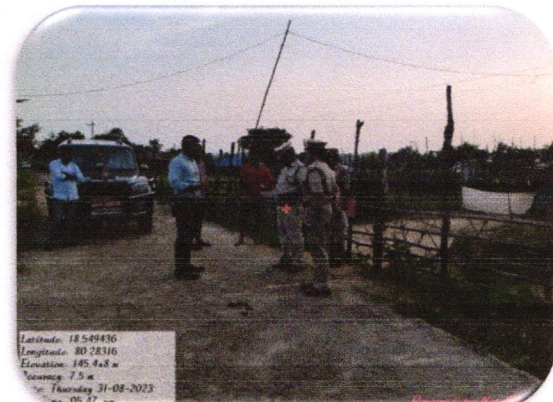
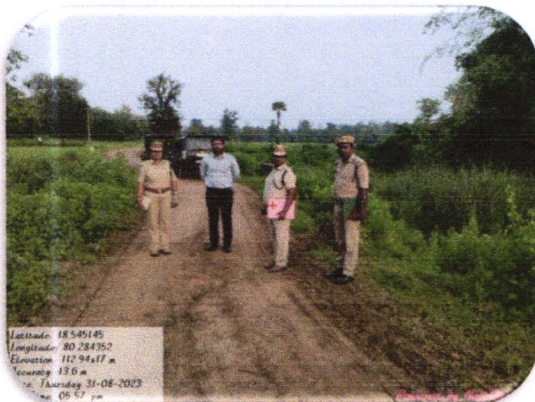
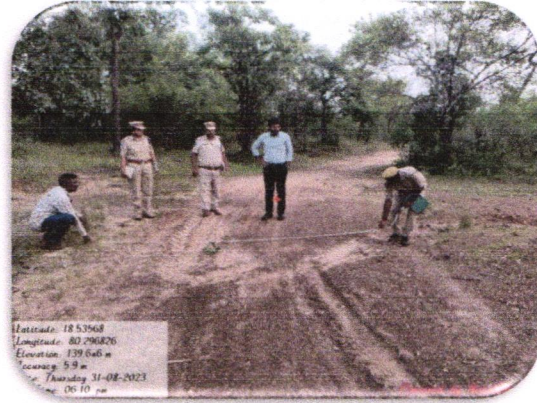
Proposed diversion of Forest Land from Chityal to Bhupathipur Road



- Thus total length with available Right of Way is for 1639 meters and there is No Right of Way for 2097 meters. However, the width of RoW is not mentioned in the Gazette Notification.
- The type of Forests as per Champion and Seth is Southern Tropical Dry Deciduous Forests. The canopy density of the vegetation is 0.4 to 0.7.
- In the segment mentioned as A-B in map and table above, there is already BT road present in the proposed area. The width of BT road present is 3.6 meters with length 1639 meters in existing proposal. The User Agency informed that the road was formed long back and they do not have any records to show the year of the BT road formation. Since BT road is formed, it is a violation of the Forest Conservation Act, 1980.
- The species commonly found are *Terminelia tomentosa* (Nallamaddi), *Tectona grandis* (Teak), *Butea monosperma* (Moduga), *Boswellia serrata* (Anduga) *Terminalia arjuna* (Yerumaddi), *Acacia arabica* (Tumma), *Holoptelia integrifolia* (Nemalinara),

Terminelia bellerica (Thani), *Xylia xylocarpa* (Tangedi) *Cassia fistula* (Rela), *Cleistanthus collinus* (Nallakodisha), *Buchanania lanzan* (Morri), *Semecarpus anacardium* (Jeedi), *Terminelia chebula* (Gotti), *Bombax ceiba* (Burugu), *Bambusa arundinacea* (Bamboo) and *Madhuca indica* (Eppa).

- During the field inspection, it is noticed that, the alignment of road proposed for diversion is passing along the existing BT road and passing through the Compt. No. 27 and 39a of Chityal, Reserve Forests.



- The required Forest Land is barest minimum and is unavoidable.
- Since after formation of the road, there will be increase in speed of vehicles and also traffic and hence there is need for (6) No's of Animal passages of width minimum of 30.00 M length and 3.00M height as per the specific guidelines, designs and norms for construction of under passage as specified by the MoEF&CC and WII shall be formed by the UA (**details mentioned below**). The chain link fencing shall be placed on either side of the passages on both sides of road to a

length of 100mts in a funnel model for diverting the wildlife towards animal passages. These (6) No's Animal passages for crossing of wildlife safely should be done by the user agency.

Sl. No	Name of the Road	Compt. No.	Lat	Long	Structure	Dimensions
1	Chityal to Bhupathipur Road	27	18.541747	80.288092	Underpass	Height - 3m Length - 30 m Width - 5 m
2	Chityal to Bhupathipur Road	27	18.53866	80.292111	Underpass	Height - 3m Length - 30 m Width - 5 m
3	Chityal to Bhupathipur Road	27	18.535983	80.295976	Underpass	Height - 3m Length - 30 m Width - 5 m
4	Chityal to Bhupathipur Road	39 a	18.531273	80.294598	Underpass	Height - 3m Length - 30 m Width - 5 m
5	Chityal to Bhupathipur Road	39 a	18.525551	80.295309	Underpass	Height - 3m Length - 30 m Width - 5 m
6	Chityal to Bhupathipur Road	39 a	18.520006	80.295847	Underpass	Height - 3m Length - 30 m Width - 5 m

Dt.31.08.2023
Place: Mulugu


District Forest Officer,
Mulug Districts


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