

INSPECTION REPORT

The site inspection was carried out by the undersigned in presence of Mr. P.T. Pednekar, Assistant Engineer, Works Div. XXV, Sub Div. III (Roads), Canacona-Goa and Mr. Prakash Naik, Range Forest Officer, Pissoneem on 19.02.2019. Thereafter various corrections were suggested and on 23.04.2019 final inspection was carried out. The proposed road passes through the Proposed Reserve Forest, as per details provided as under:

Sr. No.	Sy. No.:-	Name of Forest	Notification No. & date	Status of Forest	Area of Forest	Diversion sought for
1.	19 of Cola village	Cola II	No.7/34/2001-02/FD/411 dtd. 12/09/2002	Section 4	94.00 ha	2865.05 sq.mts
2.	29 of Quedem village	Quedemcho Dongor	No.13-3-77-FOR/(1) dtd. 26/12/1978	Section 4	220.00 ha.	3291.03 sq.mts
Total.....						6156.08 Sq.mts

The area is covered with different local forestry species. Forest boundary begins from Pillar No.L10 & R11 upto L29 & R29. Again Forest land exists at R31, L32, R33 as shown in the plan attached. The project proponent has partly damaged the forest area to prepare the road for which offence case was registered. An attempt was made to carry out the work of road which was immediately stopped and offence was registered. It is observed that the User Agency illegally carried out work in width of 8 mts from Pillar No.R16, L16 to R29, L29. The forest land was destroyed and kaccha road constructed. During the inspection it was noted that User Agency has committed violation by excavating road in survey No.19 of Cola village of Canacona Taluka and survey No.29 of Quedem village of Quepem Taluka. The details of this violation is enclosed as **Annexure I**, enclosed at page **43/C**.

It was also noticed that the User Agency desires to construct the road of 15 mts. width. The list of trees existing in the area is enclosed at page **1/C to 9/C**.

The User Agency has disturbed the forest land of 120 mts length and 8 mts. width (960 sq.mts) in survey No.29 of Quedem village of Quepem Taluka and 164 mts length and 8 mts. width (1312 sq.mtrs) in survey No.19 of Cola village of Canacona Taluka. The details of damaged caused has been assessed by laying sample plots, enclosed at page **41/C & 42/C**.

Damage assessed in survey No.19/1 of Cola village of Canacona Taluka.

- Area damaged 1312 sq.mts -- value of forest produce Rs.1,19,812/-

Damage assessed in survey No.29/1 of Quedem village of Quepem Taluka.

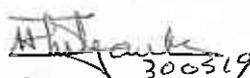
- Area damaged 960 sq.mts -- value of forest produce Rs.48,067/-

There exists following trees in the additional area required for diversion.

Sr. No.	Sy. No.	Trees existing	Abstract	Rate (₹)	Valuation (₹)
1.	19 of Cola	60 nos.	Timber 1 st Class teak – 0.048 m3 2 nd Class Matti – 0.042 m3 2 nd Class (O) – 1.955 m3 3 rd Class timber – 2.627 m3 Firewood – 8.220 m3	12000/- 7000/- 6000/- 4000/- 400/-	576.00 294.00 11,730.00 10,508.00 3,288.00
Total					26,396.00
2.	29 of Quedem	118 nos.	Timber 2 nd Class Matti – 0.184 m3 2 nd Class (O) – 1.272 m3 3 rd Class timber – 12.436 m3 Firewood – 6.88 m3	7000/- 6000/- 4000/- 400/-	1,288.00 7,632.00 49,744.00 2,752.00
Total					61,416.00
Grand Total ...					87,812.00

Some natural springs are observed existing along proposed road and during cutting and excavation the said water may get destroyed. This site is to be protected by providing canal outlet for existing water flow and possibly no excavation may be carried out at this point. Minimum 2 mts height may be retained over this spring to allow it to remain undisturbed.

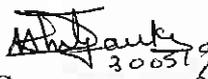
Since it has significant relevance for development and being Government project for public purpose, the proposal may be considered for diversion.


 Dy. Conservator of Forests
 South Goa Division,
 Margao-Goa.

ANNEXURE – I

The Range Forest Officer, Pissonem vide R.O.C. No.12/PRO/2018-19 and R.O.C. No.13/PRO/2018-19 dated 30.11.2018 has registered an offence for illegal clearing, felling, excavation leveling for road construction in survey No.19 of Cola village of Canacona Taluka and survey No.29 of Quedem village of Quepem Taluka. On receipt of information the road construction work was immediately stopped and two vehicle found on site were seized. The trees logs were not found on site. Hence enumeration of sample plots has been taken up.

The offence case was registered against Shri Rajesh K., P.W.D. Contractor. This road passes on either side passes through private property. The work order No.13/1/2015-16-PWD-25/Accts/887 dated 13.01.2016 for executing work was issued to Shri Rajesh K., P.W.D. Contractor. The accused person Shri Rajesh K., P.W.D. Contractor submitted affidavit admitting of offence and agreed to pay compounding fees.


30/05/19
Dy. Conservator of Forests
South Goa Division,
Margao-Goa.

It is seen than some uprooted trees are buried under the excavated soil it is not possible to take out the buried felled material and located the stump at adjacent area. This excavated soil of a size of sample plot taking 10m X 10m = 100 m² and noted the details as under:

Sample plot No.1 in Sy.No.29/0 of Quedem village of Quepem Taluka.

Sr.No.	Species	Girth (m)	Length (m)	Timber (m3)	Firewood (m3)
1.	Kindal	0.75	2	0.070	0.070
2.	Kindal	0.60	-	-	0.050
3.	Navati	0.46	-	-	0.030
4.	Navati	0.35	-	-	0.010
5.	Bibo	0.86	5	0.231	0.040
6.	Padval	0.26	-	-	0.005
7.	Navati	0.22	-	-	0.004
8.	Char	0.68	5	0.144	0.010
9.	Char	0.59	-	-	0.040
10.	Kate kawach	0.68	-	-	0.050
11.	Navati	0.30	-	-	0.010
12.	Bibo	0.70	-	-	0.010
Total				0.445	0.329

Sample plot No.2 in Sy.No.29/0 of Quedem village of Quepem Taluka.

Sr.No.	Species	Girth (m)	Length (m)	Timber (m3)	Firewood (m3)
1.	Bibo	1.04	-	-	0.050
2.	Navati	0.42	-	-	0.030
3.	Acasia	1.34	5	0.561	0.200
4.	Navati	0.84	3	0.132	0.020
5.	Navati	0.48	-	-	0.050
6.	Kindal	0.33	-	-	0.020
Total				0.693	0.370

The detail of average is extrapolated the total area of Excavated soil and that comes up to as under:

Sample Plot 1 -	10mt	X	10mt	=	100 m²
IInd class Kindal	0.070 m3	X	₹6000/-	=	₹ 420/-
IIIRD class Char & Bibo	0.375 m3	X	₹4000/-	=	₹ 1,500/-
Firewood	0.329 m3	X	₹ 400/-	=	₹ 132/-

Sample Plot 2	10mt	X	10mt	=	100 m²
IIIRD class Acacia & Char	0.693 m3	X	₹ 4000/-	=	₹ 2,772/-
Firewood	0.370 m3	X	₹ 400/-	=	₹ 148/-

Therefore total area excavated in 960 m²

Total IInd class timber	=	$\frac{420 \times 960}{100}$	=	₹ 4,032/-	
Total IIIRD class timber	₹ 1500/- + ₹ 2772/-	=	$\frac{4272 \times 960}{100}$	=	₹ 41,011/-
Firewood	₹ 132/- + ₹ 148/-	=	$\frac{280 \times 960}{100}$	=	₹ 2,688/-
Total value of forest produce in 960 m² area				=	₹ 47,731/-

(Signature)

Details of trees in Sample Plot of ROC No. 12/PRO/PSN/2018-19.

41/c

Sample plot No.1 in Sy.No.19/1 of Cola village of Canacona Taluka.

Sr.No.	Species	Girth (m)	Length (m)	Timber (m3)	Firewood (m3)
1.	Acasia	0.90	6.00	0.303	0.010
2.	Cashew	0.30	-	-	0.015
3.	Cashew	0.25	-	-	0.010
4.	Cashew	0.27	-	-	0.010
5.	Kate Kavach	0.36	-	-	0.010
6.	Zambal	1.70	5.20	0.939	0.040
7.	Cashew	0.15	-	-	0.010
8.	Cashew	0.55	-	-	0.010
9.	Navati	0.80	-	-	0.015
Total				1.242	0.130

Sample plot No.2 in Sy.No.19/1 of Cola village of Canacona Taluka.

Sr.No.	Species	Girth (m)	Length (m)	Timber (m3)	Firewood (m3)
1.	Cashew	0.62	-	-	0.020
2.	Cashew	0.48	-	-	0.010
3.	Cashew	0.40	-	-	0.010
4.	Cashew	0.39	-	-	0.010
5.	Ottom	0.60	4.00	0.09	0.010
6.	Cashew	0.85	-	-	0.015
7.	Cashew	0.63	-	-	0.010
8.	Panas(Jack)	0.89	5.00	0.247	0.015
9.	Cashew	0.60	-	-	0.010
10.	Navati	0.55	-	-	0.05
11.	Ottom	0.62	3.00	0.072	0.05
12.	Cashew	0.42	-	-	0.05
Total				0.409	0.260

The detail of average is extrapolated the total area of Excavated soil and that comes up to as under:

Sample Plot 1 -	10mt	X	10mt	=	100 m2
IInd class Zambal	0.939 m3	X	₹ 6000/-	=	₹ 5,634/-
IIIrd class Acasia	0.303 m3	X	₹ 4000/-	=	₹ 1,212/-
Firewood	0.130 m3	X	₹ 400/-	=	₹ 52/-

Sample Plot 2	10mt	X	10mt	=	100 m2
IInd class Panas (Jack)	0.247 m3	X	₹ 6000/-	=	₹ 1,482/-
IIIrd class Ottom	0.162 m3	X	₹ 4000/-	=	₹ 648/-
Firewood	0.260 m3	X	₹ 400/-	=	₹ 104/-

Therefore total area excavated in 1312 m2

Total IInd class timber	₹ 5634/-	+	₹ 1482/-	=	$\frac{7116 \times 1312}{100}$	=	₹ 93,362/-
Total IIIrd class timber	₹ 1212/-	+	₹ 648/-	=	$\frac{1860 \times 1312}{100}$	=	₹ 24,403/-
Firewood	₹ 52/-	+	₹ 104/-	=	$\frac{156 \times 1312}{100}$	=	₹ 2,047/-
Total value of forest produce in 1312 m2 area				=	₹ 1,19,812/-		

(Signature)