

## **SITE INSPECTION REPORT**

Inspected the area proposed for Diversion of 281.50 Ha. of Forest land. The total area is consisting in 2 Bits, **Bit-1** over an extent of 187.40 Ha. in Compt., Nos.472, 473, 474 of Vontimitta RF of Nadimpally Beat and Compt., Nos.451, 452 of Chintarajupalli RF of Chintarajupalli Beat and **Bit-2** over an extent of 94.10 Ha. in Compt No.450 of Chintarajupalli RF of Chintarajupalli Beat and Compt, Nos.456, 457 of Patur Ext., RF, Compt, Nos.454 of Cheyyeru Ext., RF of Patur Beat of Vontimitta Range of Kadapa Forest Division for excavation of GNSS Main canal (Package-05/06) **Bit-1** from KM 149.700 to KM 157.000 and **Bit-2** from KM 158.000 to KM 163.000 in favour of Executive Engineer, N.T.R. T.G.P. Division No.2, Kadapa on 08.10.2018 along with concerned field staff of Vontimitta Range and concerned user agency were also present during the inspection.

Inspected the above diverted area in the field and verified the DGPS / GPS readings and the Boundary line has been checked at Vontimitta RF of Nadimpally Beat, Chintarajupalli RF of Chintarajupalli Beat and Patur Ext., RF of Patur Beat of Vontimitta Range and taken GPS coordinates.

The following DGPS points have been checked in the field.

Sl. No.	DGPS Map Sl.No.	Name	Easting	Northing	Elevation	Latitude	Longitude
1	150 Point of DGPS	R1B	284992.853000	1589844.169000	185.264	14.37242472	79.00612495
2	149 Point of DGPS	L1A	285112.508596	1589791.433893	227.401	14.37195753	79.00723833
3	148 Point of DGPS	R1A	285046.979000	1589709.892000	186.087	14.37121559	79.00663743
4	1 <sup>st</sup> Point of DGPS	R1	285060.987731	1582122.891382	105.390	14.30265900	79.00737300
5	5 <sup>th</sup> of DGPS	R3	285080.721416	1581935.006642	195.784	14.30096308	79.00764514
6	3 <sup>rd</sup> Point of DGPS	R2	285073.259512	1582032.778632	195.236	14.30184538	79.00749408
7	7 <sup>th</sup> Points of DGPS	R4	285274.728275	1581831.987097	193.462	14.30009567	79.00780259
8	11 <sup>th</sup> Points of DGPS	R6	285070.422980	1581643.114219	198.640	14.29832404	79.00749882
9	30 <sup>th</sup> Points of DGPS	R7	285035.341907	1581553.957723	199.725	14.29751568	79.00718084
10	27 <sup>th</sup> Points of DGPS	R14	283950.696361	1580862.813207	207.168	14.28126373	79.00645152
11	39 <sup>th</sup> Points of DGPS	R20	284947.144937	1580246.286387	222.668	14.28569235	79.00646769
12	41 <sup>th</sup> Points of DGPS	R21	285019.199454	1580167.456834	233.837	14.28498562	79.00714161



Sl. No.	DGPS Map Sl.No.	Name	Easting	Northing	Elevation	Latitude	Longitude
13	16 <sup>th</sup> Points of DGPS	L63	285513.546123	1583737.249141	196.494	14.31728162	79.01143851
14	4 <sup>th</sup> Points of DGPS	L2	285243.157415	1582027.686513	192.228	14.30181255	79.00806886
15	2 <sup>nd</sup> Points of DGPS	L1	285230.599553	1582114.889646	102.322	14.30260000	79.00894600
16	6 <sup>th</sup> Points of DGPS	L3	285258.646764	1581930.032523	192.889	14.30093132	79.00922017
17	3 <sup>rd</sup> Points of DGPS	R2	258073.59512	1582032.778632	195.236	14.30184538	79.00749408
18	1 <sup>st</sup> Points of DGPS	R1	285060.987731	1582122.891382	105.309	14.30265900	79.00737300
19	5 <sup>th</sup> Points of DGPS	R3	285088.721416	1581935.006642	195.784	14.30096308	79.00764514
20	8 <sup>th</sup> Points of DGPS	L4	285274.728275	1581831.987097	193.462	14.30004661	79.00937699

- 1) The total proposed canal is falling in Sheshachalam Biosphere Buffer zone area.
- 2) Where ever proposed canal is intercepting forest roads, the user agency should construct there (SLB) Single Line Bridge.
- 3) The following SMC works will be damaged all along the proposed canal.

Sl. No	Name of the Beat	Compt., No	Type of SMC work	Amount incurred in Rs.
1	Chintharajupalli	452	MPT	42000.00
2	Nadimpalli	473	CD	307137.00
3	Nadimpalli	473	MPT	36440.00
4	Nadimpalli	473	MPT	30503.00
5	Nadimpalli	473	MPT	30583.00
6	Nadimpalli	473	MPT	29998.00
			<b>Total:</b>	<b>476661.00</b>

The user agency should deposit the above amount for re construction of above SMC works in other locations.

The proposed Forest area of 281.50 Ha. of Forest land in 2 Bits, **Bit-1** over an extent of 187.40 Ha. in Compt., Nos.472, 473, 474 of Vontimitta RF of Nadimpally Beat and Compt., Nos.451, 452 of Chintarajupalli RF of Chintarajupalli Beat and **Bit-2** over an extent of 94.10 Ha. in Compt No.450 of Chintarajupalli RF of Chintarajupalli Beat and Compt, Nos.456, 457 of Patur Ext., RF, Compt, Nos.454 of Cheyyeru Ext., RF of Patur Beat of Vontimitta Range of Kadapa Forest Division for excavation of GNSS Main canal (Package-05/06) does not falls in wildlife sanctuary area, National Parks, Bio-Sphere Reserve,

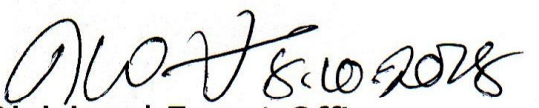


Tiger Reserve, Elephant Corridor etc., Further these are no protected archeological / heritage site/Defense establishment or any other important monument is located in the area.,.

The flora existing in the proposed area Sundra *Acacia sundra*; Neem *Azadirachta indic*; Narayepi *Hardwickia binata*; Dolichandrone *crispa*; Jaana *Grewia Tiliaefolia*; Manga *Randia dumetorum*; Kalivi *Carissa spinarum*; Neeruddi *Dolichandrone crispa*; Nalla thumma *Acacia Nilotica*; Chigara *Albizzia amara*; Tella thumma *Acacia leucopholon*; Red Sander *Pterocarpus santalinus*; Sanamalli *Bellis perennis*; Regu *Ziziphus mauritiana*; Bikki *Limonia acidissima*; Chilla *Casearia graveolens*; Musti *Strychnos nux-vomica*; Ullindra *Dispyros ebenum*; Veluturu *Dichristachys cuberea* etc.,

The crown density is between 0.1 - 0.6 over an extent of **281.50 Ha. is Dense Forest**. The area is gentle slope to steep slope, Hilly and Plain. The soil is predominantly Red soil with boulders. The fauna noticed indirectly are Sloth bear *Melursus ursinus*, Spotted Deer *Axis axis*, Grey Jungle Fowl *Gallus sonneratii*, Sambar *Rusa unicolor*, Jungle Cat *Felis chaus*, Chowsingha *Tetracerus quadricornis*, Wild Boar *Sus scrofa* etc.,.

Hence, it is recommended for excavation of GNSS Main canal (Package-05/06) route with least possible impact on flora and fauna and there is no alternative option available

  
Divisional Forest Officer,  
Kadapa.