

SITE INSPECTION REPORT

Inspected the area proposed for Diversion of 101.24 Ha. of Forest land in Ganganapalli RF of Vempalli Range of Kadapa Forest Division for excavation of GNSS Main canal (Package-02/06) (i) from KM 87.400 to KM 92.250 and (ii) from KM 93.450 to 94.800 in favour of Executive Engineer, GNSS Division No7, Pulivendula on 03.08.2018 along with concerned field staff of Vempalli Range 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 Ganganapalli RF of Gorlapalli Beat of Gorlapalli Section of Vempalli Range and taken GPS readings (N: 14.40596; E: 78.65961).

DGPS – Maps – Readings with GPS checked in the field at (In WGS 84 Datum) Decimal degrees. The following DGPS points have been checked in the field.

Sl. No.	DGPS Map Sl.No.	Name	Easting	Northing	Elevation	Latitude	Longitude
1	1 ST Point of DGPS	R82KNL	254341.303963	1593826.186620	189.596	14.40583658	78.72166200
2	2 nd Point of DGPS	R81KNL	254290.393927	1593798.369940	190.665	14.40558072	78.72119266
3	31 st Point of DGPS	L81KNL	254249.398651	1594216.072040	184.646	14.40935078	78.72077432
4	32 nd Point of DGPS	L82KNL	254309.880557	1594237.424160	184.752	14.40954910	78.72133299
5	69 th of DGPS	R1A	247545.772343	1593827.379280	201.832	14.40523128	78.65867434
6	71 th Point of DGPS	L4	247758.413435	1594012.250150	197.529	14.40692095	78.66062784
7	76 th Points of DGPS	R4	247802.033003	1593880.476320	205.647	14.40573450	78.66104455
8	77 th Points of DGPS	R3	247705.501358	1593844.712130	204.434	14.40540254	78.66015319
9	78 th Points of DGPS	L3	247663.784969	1593985.903380	189.138	14.40667424	78.56975323
10	79 th Points of DGPS	L2	247575.339084	1593957.030450	196.362	14.40640527	78.65893616
11	80 th Points of DGPS	R2	247599.757822	1593828.432660	201.160	14.40524575	78.65917460

The proposed Forest area of 101.24 Ha. in Ganganapalli RF of Vempalli Range 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 proposed area is falling in Ganganapalli RF of Vempalli Range. It is not falling in Sanctuary. There are species of Jaana *Grewia Tiliaefolia*; Manga *Randia dumetorum*; Kalivi *Carissa spinarum*; Narayepi *Hardwickia binata*; Neeruddi *Dolichandrone crispa*; Nalla thumma *Acacia Nilotica*; Chigara *Albizzia amara*; Tella thumma *Acacia leucopholos*; Red Sander *Pterocarpus santalinus*; Sanamalli *Bellis perennis*; Regu *Ziziphus mauritiana*; Bikki *Limonia acidissima*; Chilla *Casearia graveolens* etc.,

The crown density is between 0.3 - 0.5. i.e., in Gorlapalli Beat of Vempalli Range is Dense Forest. The Topographical area is pain and hilly. The soil is Red soil. 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-02/06) route with least possible impact on flora and fauna and there is no alternative option available


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