

SITE INSPECTION REPORT

Inspected the area proposed for Diversion of 433.88 Ha. of Forest land in Ganganapalli RF of Vempalli Range and Ganganapalli Extension RF, Palakonda, RF of Kadapa Range of Kadapa Forest Division for excavation of GNSS Main canal (Package-03/06) from KM 96.50 to KM 119.00 in favour of Executive Engineer, Sri Krishna Devaraya Galeru Nagari Sujala Sravanthi (SKD GNSS) Division, Proddatur on 18.07.2018 and 24.07.2018 along with concerned field staff of Vempalli Range and Kadapa Range and concerned user agency were also present during the inspection.

The proposed Forest area is falling in Ganganapalli RF of Vempalli Range and Ganganapalli Extension RF, Palakonda, RF of Kadapa Range. The area required for excavation of GNSS Main canal (Package-03/06) from KM 96.50 to KM 119.00 in favour of Executive Engineer, Sri Krishna Devaraya Galeru Nagari Sujala Sravanthi (SKD GNSS) Division, Proddatur. The user agency proposed 433.88 Ha. for excavation of GNSS Main canal (Package-03/06). After inspection of the area, it is found that the forest land is falling in Compt. Nos. 571 (2.36 Ha.), 570 (32.65 Ha.) in Ganganapalli RF, Gorlapalli Beat of Vempalli Range and in Compartment Nos. 512 (34.73 Ha.), 514 (26.76), 516 (110.53 Ha.), 517 (24.04 Ha.) in Ganganapalli and Extension RF, Rasoolpalli Beat, in Compt., Nos. 518 (39.49 Ha.), 519 (4.47 Ha.), 525 (14.47Ha.), 526 (21.21Ha.), 527 (37.37 Ha.) in Palakonda RF, Maddimadugu East Beat, and in Compt. Nos. 529 (23.14 Ha.), 531 (10.84 Ha.), 530 (51.82 Ha.) in Palakonda RF, Ippapenta Beat of Kadapa Range.

The proposed Forest area of 433.88 Ha. in Ganganapalli RF of Vempalli Range and Ganganapalli Extension RF, Palakonda, RF of Kadapa 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 flora existing in the proposed area Jaana *Grewia flavescens*; Karaka *Terminalia chebula*; Konda Vepa *Chukrasia tabularis*; Maddi *Morinda citrifolia*; Mogi *Syzigium alternifolium*; Musti *Strychnos nux-vomica*; Narayepi *Hardwickia binata*; Neeruddi *Dolichandrone crispera*; Nemali Adugu *Vitex altissima*; Rela *Cassia fistula*; tandra *Terminalia bellerica*; thumma *Acacia Arabica*; Teak *Tectona grandis*; Neem

Azadirachta indica; *Somi Soyimida febrifuga*; *velama Anogeissus latifolia*; *Kalivi Carissa spinarum*; *Rela Cassia fistula*; *Balasa Canthium dicoccum*; *Chigara Albizzia amara*; *Manga Randia dumetorum*; *tella thumma Acacia leucopholon* etc.,

The crown density is between 0.2 - 0.5. i.e., in Maddimadugu East Beat of Kadapa Range (an extent of 117.01 Ha.) is Dense Forest and Ippapenta, Rasoolpalli Beats of Kadapa Range, Gorlapalli Beat of Vempalli Range (an extent of 316.87 Ha.) is Open Forest. The area is gentle slope to steep slope. 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-03/06) route with least impact on flora and fauns and there is no alternative option available


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