

# **JIO DIGITAL FIBRE PRIVATE LIMITED**

**CIN: U64200GJ2018PTC105652**

**No.51, RMZ Icon, Palace Cross Road, Vasanthanagar, Bangalore 560052**

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## **Detail Project Report**

### **JIO DIGITAL FIBRE PRIVATE LIMITED OFC Network**

DGPS Survey report for Forest Diversion of proposed OFC Cable Route from Kurahatti-Hanur total length of 34.5 km Background Reliance Jio Info comm Limited is setting up 4G Optical Fiber Cable network across the country. In the state of Karnataka, the company plans to set up the telecom network (including laying of OFC cable) along the NHAI/PWD Road corridor. Reliance Jio Info comm is granted license by Ministry of Communications & IT, Dept. of Telecommunications, and Govt. Of India, to establish Optical Fiber Cable network. The OFC Cable is laid under the ground at approx. depth of 1.65m and the trench width is 0.5m. In most of the places the cable trench line on National Highways is approx. at a distance of 14.5m from the road centerline and for State/District highways it is approx. 7m from the road center line.

1.2 Location and Communication The proposed OFC Cable route from Kurahatti-Kowadhalli of Chamarajanagar District total length of 59 km (Division: Cavery Wild Life and Kollegala Forest Division in Chamarajanagar District ) is on the State Highway corridor SH/PWD. The route length is approx. 34.5 km. The cable route's proposed starting point is Caveru Wild Life Area Latitude 12.15846629 N and Longitude 77.53757736° E and the end location is Hanur at Latitude 12.055254° N and Longitude 77.003606° E. The OFC Cable route is covered under Survey of India Toposheets SOI TOPOSHEET 57H08 & 57H12 RF 1:50000.

1.3 Objective As per directives of Ministry of Environment & Forests (MoEF) dated 8th July 2011; all applications for Forest Diversion, under Forest Conservation Act, 1980 must be accompanied with Geo-referenced shape file, showing the boundary of the proposed area (both soft copy and hard copy maps), prepared using Differential GPS (DGPS) and the same should be uploaded to MoEF website along with the online application. To meet this requirement of MoEF, Reliance Jio Infocomm Limited, entrusted the DGPS survey work and submitting online application through MOEF website as required.

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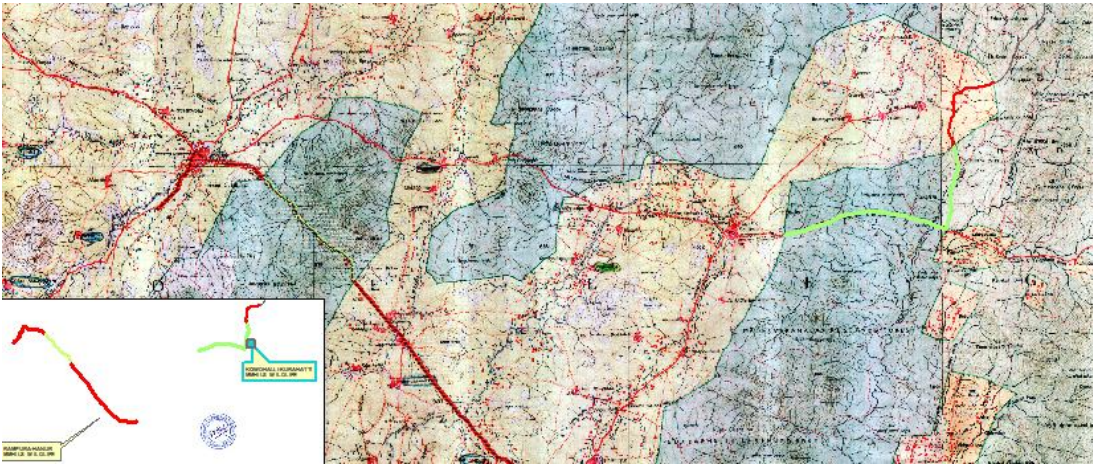
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## 1.4 Google Picture of proposed OFC route:



## Topo Sheet Showing the Proposed OFC Route



Project Cost: Proposed route from Kurahatti-Hanur total length of 34.5 km in forest 0.5487 Ha and m in nonforest area 0.48732 Ha. Cost of laying of optical fiber cable is 500 rupees per meter and total project cost is about – 1.5 Crores

