

# **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 Krishnanagar to Rajapura and Ramadurga to Appayinahalli of 71.6 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 Krishnanagar to Rajapura and Ramadurga to Appayinahalli of Bellary and Vijanagara District total length of 71.6 Km (Division: Bellary and Vijayanagar District: Bellary and Vijayanagar ) is on the State Highway corridor SH-2, SH-40 and PWD road. The route length is approx. 75.8 km. The cable route's proposed starting point is Krishnanagar Village Latitude 15.09041224° N and Longitude 76.55046737° E and the end location is Rajapura at Latitude 15.03116753° N and Longitude 76.68573496° E at one more stretch and at starting point is Ramadurga Village Latitude 14.85653607° N and Longitude 76.54729764° E and the end location is Appayinahalli at Latitude 14.85508821° N and Longitude 76.68252215° E The OFC Cable route is covered under Survey of India Toposheets 5A12 & 57B09 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.

**1.4 Google Picture of proposed OFC route:**

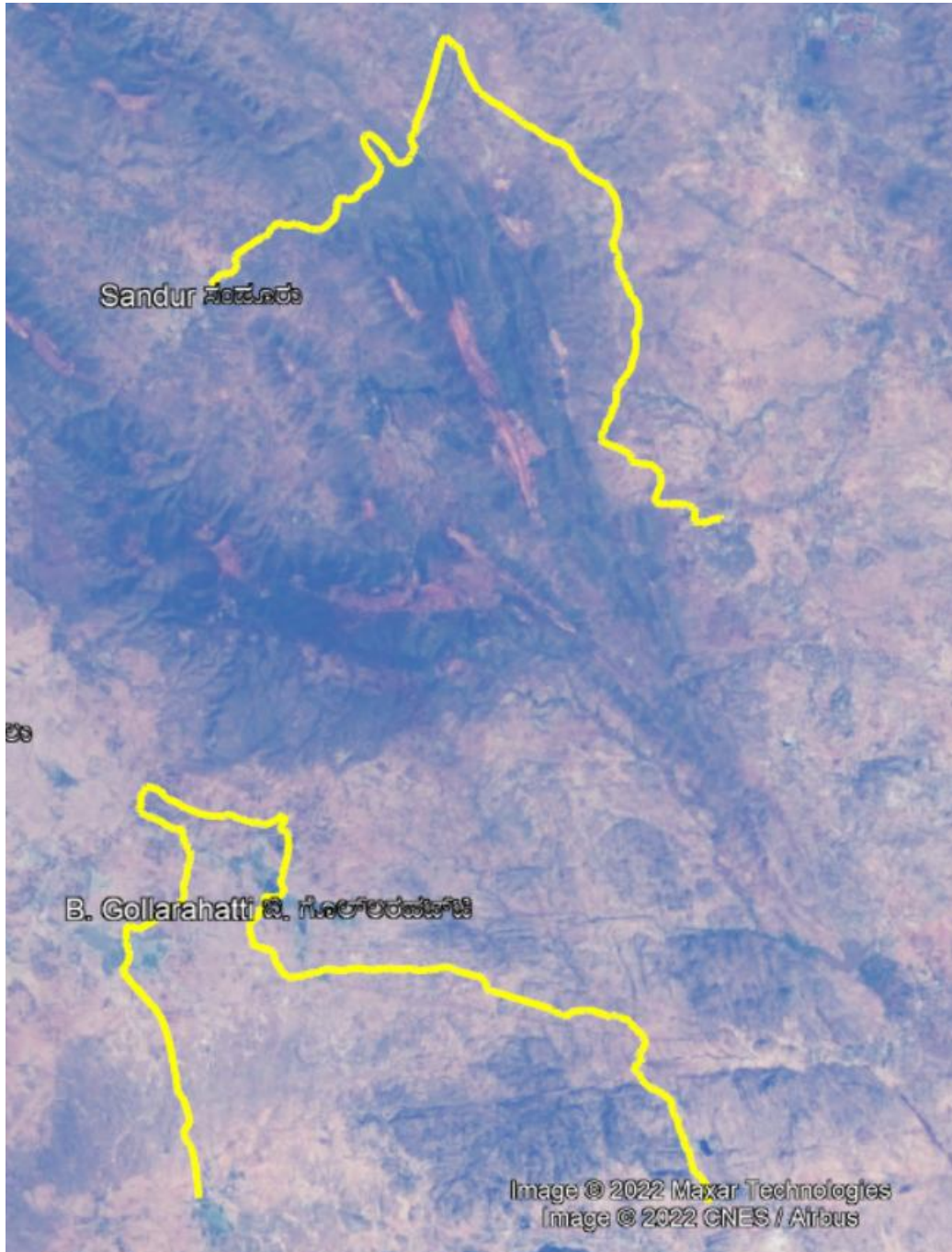
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## 1.4 Google Picture of proposed OFC route:



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## Topo Sheet Showing the Proposed OFC Route



Project Cost: Proposed route from Krishnanagar to Rajapura and Ramadurga to Appayinahalli total length of 71.6 km in forest 0.437 Ha and m in nonforest area 1.71 Ha. Cost of laying of optical fiber cable is 400 rupees per meter and total project cost is about – 3 Crores

