

### **Justification for locating the project in forest area**

Oil India Limited (OIL) is a Public Sector Undertaking engaged in exploration, production & transportation of crude oil and natural gas. It is operating in Ningru block area since November, 1963.

Oil & natural gas (hydrocarbons), formed from organic matter from dead plants & animals and found deep under the earth, take millions of years to form & require a specific set of thermodynamic conditions (pressure and temperature). Accordingly, they are found in specific places on the earth. Such hydrocarbons are detected through extensive Geological studies and various surveys viz. gravity survey, magnetic survey, seismic survey, etc. and subsequent interpretation of the data so acquired from such surveys. The eastern part of Arunachal Pradesh, a part of Upper Assam Geological Province, is rich in such hydrocarbons.

The Ningru block, which covers 54066.8 ha of forest land in Arunachal Pradesh and a part of above province, have been identified to be potential areas for hydrocarbon resources and accordingly awarded to OIL by Govt. of India under nomination basis for its Hydrocarbon Exploration & Production (E&P) activities. As such, the area cannot be changed.

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