

Site Inspection Report

A. Details of the Project

- 1. Name:** 132 KV D/C Kolebira Simdega Transmission Line, located in villages of Simdega Forest Division.
- 2. Proposal No:** FP/JH/TRANS/150631/2021
- 3. Forest Land Applied for diversion:** 22.6036
- 4. User Agency:** JUSNL RANCHI

B. Details of Site Inspection:

- 1. Date of Site Inspection:** 01/12/2025
- 2. Other Member Present During the visit:**
 - a. Asim Toppo, Manager, Simdega, JUSNL
 - b. Sri Shambhu Sharan Chaudhary, RFO, Simdega
 - c. Sri Deepak Singh, Sub-beat officer
 - d. Sri Anuj Kumar Minj, Sub-beat officer
 - e. Sri Manoj Kacchap, Sub-beat officer

A site inspection was carried out on **01.12.2025** in the presence of the above-mentioned persons. The observations are as follows:

The proposal has been submitted for diversion of 22.6036 Ha. forest land (Protected Forest Land: 5.9474 Ha. and Jungle Jhari: 16.6562 Ha) of Simdega Forest division. The project involves a total area of 44.334 of which 22.6036 is forest land and 21.7304 Ha. is non-forest land.

The diversion is required for construction of the **132 kV D/C Kolebira–Simdega transmission line** of **16.42 km** length. The alignment passes through the villages of **Nawatoli, Bhawarpahar, Gobardhosa, Sundartoli, Machka, Taisara, Bandarchuan, Arni, Bindhantoli, Biru** and **Belkarcha** in Simdega District. Among these, **Biru** and **Bhawarpahar** fall within the **Eco-Sensitive Zone (ESZ)** of Palkot Wildlife Sanctuary.

A total of **22.6036 ha** of forest land is required for construction of conductor and tower and a **27-m Right-of-Way (RoW)** as per FCA guidelines. The terrain is undulating with hillocks, seasonal nadas, and mixed forest having a canopy density of **0.4**.

The forest along the alignment largely consists of young to mature **Sal (Shorea robusta)** with diameter classes ranging from 0–30 cm, 31–60 cm, 61–90 cm, 91–120 cm, and occasional 121–150 cm and >150 cm categories. Natural Sal regeneration was observed to be good in several

patches. Associated species include **Asan** (*Terminalia tomentosa*), **Bija** (*Pterocarpus marsupium*), **Harra** (*Terminalia chebula*), **Dhawra** (*Anogeissus latifolia*), **Jamun** (*Syzygium cumini*), **Sidha** (*Lagerstroemia parviflora*), **Kend** (*Diospyros melanoxylon*), and scattered **Mahua** (*Madhuca indica*). The concerned forests fall under the **Copice with selection working circle, Rehabilitation and Soil conservation working circle, Plantation Working Circle, Protection Working Circle** of the Working Plan of Simdega Forest Division.

Wildlife presence in the area includes **Sloth Bear** (*Melursus ursinus*), **Golden Jackal** (*Canis aureus*), **Indian Fox** (*Vulpes bengalensis*), **Indian Hare** (*Lepus nigricollis*), **Wild Boar** (*Sus scrofa*) and other small mammals. Occasional movement of **Asiatic Elephant** (*Elephas maximus*) has been reported in nearby compartments, and human–elephant and human–sloth-bear conflict incidents have been recorded in adjoining villages. Therefore, a **site-specific Wildlife Conservation Plan** is recommended.

No violation of the **Forest (Conservation) Act** provisions was observed during inspection.

No rare, endangered or habitat-restricted species of flora or fauna were found within the proposed RoW.

No protected archaeological, heritage, defence or other notified monument is present along the alignment.



Site inspection

S. Deo Singh
10/12/25
Divisional Forest Officer,
Simdega Forest Division, Simdega