

SITE INSPECTION REPORT

1	Name of the project	Khurda Road Bolangir New B.G. Rail link Project i.e. from Km 143.33 to 180
2	Name of the district /division.	Boudh/ Boudh Forest Division
3	Date of inspection	24.08.2021 & 25.08.2021
4	Name & designation of the inspecting officer	1. Sri Debapriya Kampa, D.F.O 2. Sri Soumya Ranjan Gochhayat, A.C.F 3. Sri Jitendra Kumar Behera, A.C.F 4. Sri Saroj Kumar Mishra, FRO, Madhapur 5. Sri Nihar Ranjan Mallick, FRO, Purunakatak 6. Sri Gobadhan Meher, Fr. 7. Sri Deepak Kumar Pradhan, F.G 8. Sri Sunil Kumar Kheti, F.G 9. Smt. Subasini Mahakul, F.G
5	Name & designation of the other officer who attended the inspection including representative of the user agency.	1. Sri S.P Mishra, Asst. Ex Er., Boudh 2. Vijay Kumar, SSE (Work) 3. Sri Pradeep Kumar Biswal, R.I 4. Sri Biplab Mandal, Sr. Surveyor
6	Legal status of forest land with area proposed for diversion	Reserved Forest 92.826Ha., Deemed Forest 109.876Ha., Sabik Forest 53.657Ha., DLC 38.552Ha. & Revenue Forest 7.418Ha., Total = 302.329Ha.
7	If area required for diversion has been demarcated on the ground.	Demarcation completed.

8	Item wise breakup of the forest land proposed for diversion	<table> <tr> <th>Purpose</th><th>Reserved Forest</th><th>Total in Ha.</th></tr> <tr> <td rowspan="29">Diversion of 302.329 Ha. of Forest land in connection with Khurda Road to Bolangir New BG Rail Link Project</td><td>Parapat RF</td><td>45.219</td></tr> <tr> <td>Karadakotha RF (1st Part)</td><td>31.390</td></tr> <tr> <td>Karadakotha RF (2nd Part)</td><td>2.007</td></tr> <tr> <td>Podhal RF</td><td>14.210</td></tr> <tr> <td>Total Reserved Forest</td><td>92.826</td></tr> <tr> <td>Revenue Forest</td><td></td></tr> <tr> <td>Gochhasahi</td><td>1.052</td></tr> <tr> <td>Baringi</td><td>22.533</td></tr> <tr> <td>Madhapur</td><td>27.339</td></tr> <tr> <td>Solagadu</td><td>4.612</td></tr> <tr> <td>Raniganja</td><td>0.899</td></tr> <tr> <td>Gorasahi</td><td>4.644</td></tr> <tr> <td>Gochhabari</td><td>40.359</td></tr> <tr> <td>Gundurisahi-Ka</td><td>1.783</td></tr> <tr> <td>Nuagan</td><td>2.153</td></tr> <tr> <td>Karadakotha (Village)</td><td>9.696</td></tr> <tr> <td>Marding</td><td>10.456</td></tr> <tr> <td>Bhaunripathar</td><td>7.252</td></tr> <tr> <td>Singanibeda</td><td>14.915</td></tr> <tr> <td>Gunduribeda</td><td>2.624</td></tr> <tr> <td>Tilikup</td><td>18.887</td></tr> <tr> <td>Karanjakata</td><td>12.213</td></tr> <tr> <td>Lokapara</td><td>7.817</td></tr> <tr> <td>Birapratappur</td><td>10.561</td></tr> <tr> <td>Kamalapur</td><td>3.973</td></tr> <tr> <td>Kitangapada</td><td>1.886</td></tr> <tr> <td>Bansijor</td><td>3.849</td></tr> <tr> <td>Total Revenue Forest</td><td>209.503</td></tr> <tr> <td>Grand Total</td><td>302.329</td></tr> </table>	Purpose	Reserved Forest	Total in Ha.	Diversion of 302.329 Ha. of Forest land in connection with Khurda Road to Bolangir New BG Rail Link Project	Parapat RF	45.219	Karadakotha RF (1 st Part)	31.390	Karadakotha RF (2 nd Part)	2.007	Podhal RF	14.210	Total Reserved Forest	92.826	Revenue Forest		Gochhasahi	1.052	Baringi	22.533	Madhapur	27.339	Solagadu	4.612	Raniganja	0.899	Gorasahi	4.644	Gochhabari	40.359	Gundurisahi-Ka	1.783	Nuagan	2.153	Karadakotha (Village)	9.696	Marding	10.456	Bhaunripathar	7.252	Singanibeda	14.915	Gunduribeda	2.624	Tilikup	18.887	Karanjakata	12.213	Lokapara	7.817	Birapratappur	10.561	Kamalapur	3.973	Kitangapada	1.886	Bansijor	3.849	Total Revenue Forest	209.503	Grand Total	302.329
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9	Condition of vegetation and type of forest applied area.	3C/c2 North Indian Tropical Moist Deciduous Forest. Shorearobusta(Sal) is the principal species with the following associates. <i>Acacia nilotica</i>(L.) Delile(Babul), <i>Adina cordifolia</i> (Roxb.) Hook.fHaldu (Kurum), <i>Aegle marmelos</i>(L.) Lorr(Bela), <i>Ailanthus excels</i> Roxb.(Mahala), <i>Alangiumsalvifolium</i>(L.f.) Wang(Ankula), <i>Albizia lebbeck</i>(L.) Benth(Siris), <i>Albizia procera</i>(Roxb.) Benth.(Dhala Siris), <i>Annona squamosa</i> L.(Atta), <i>Anogeissusacuminata</i>(Rox.ex Dc.) Wall.(Phasi), <i>Anogeissus latifolia</i> (Roxb. ex Dc.) Wall.(Dhaura), <i>Anthocephalus chinensis</i> (Lam.) A.(Kadamba), <i>Artocarpus heterophyllus</i> Lam Jack fruit (Panasa), <i>Baunihavariegata</i> L(Kanchana), <i>Bombax ceiba</i> L.(Simuli), <i>Boswellia serrata</i> Roxb. ex Colebr.(Salai), <i>Bridelia retusa</i> (L.) Spreng(Kasi), <i>Buchananialanzan</i>Spreng.(Char), <i>Butea monosperma</i>(Lam.) (Palas), <i>Careyaarborea</i> (Kumbhi), <i>Caryotaurens</i>L. (Salapa), <i>Casearia elliptica</i> Willd.(Khakada), <i>Cassia fistula</i> L.(Sunari), <i>Choroxyllonsvietiana</i> DC. (Bheru), <i>Cleistanthuscollinus</i> (Roxb.) Benth. ex Hook.f.(Karada), <i>Cordia oblica</i>(Bahal), <i>Dalbergia latifolia</i> Roxb.(Pahadi																																																														

		Sisoo), <i>Dalbergia paniculata</i> Roxb.(Barabakulia/Dhoben), <i>Dalbergia sissoo</i> Roxb.(Sisoo), <i>Dilleniapentagyna</i> Roxb (Rai), <i>Diospyros malabarica</i> (Desv.) Kostl(MankadaKendu), <i>Diospyros melanoxylon</i> Roxb.(Kendu), <i>Embllica officinalis</i>(Amla), <i>Ficus benghalensis</i>L(Bara), <i>Ficus racemosa</i>L. (Deemere), <i>Ficus religiosa</i> L.(Peepal), <i>Flacourtia indica</i> (Burm.f.) Merr(Kontaikoli), <i>Gardenia latifolia</i> Ait(Damkurudu), <i>Gardenia gumifera</i>Ait.(Kurudu), <i>Garuga pinnata</i>Roxb(Kekat/Pitamoi), <i>Gmelina arborea</i> Roxb. (Gambhar), <i>Holarrhenaantidysenterica</i>Wall. ex A.DC (Kurei), <i>Hymenodictyonexcelsum</i>(Roxb.) Wall.(Kanasa), <i>Ixora arborea</i>(Telkuruma), <i>Lagerstroemia parviflora</i> Roxb.(Sidha), <i>Lanneacoromondelica</i>(Houtt.) Merr(Raj Moi), <i>Limoniaacidissima</i>L. (Kaitho), <i>Madhuca indica</i> Gmel(Mahula), <i>Mallotusphilippensis</i>(Lam.) Muell.-Arg(Kamalagundi), <i>Mangifera indica</i> L.(Amba), <i>Miliusavelutina</i>Hook. f. &Thoms(GandhaPalas), <i>Mitragyna parviflora</i> (Roxb.) Korth(Mundi), <i>Morindapubescens</i>Sm(Anchu), <i>Nyctanthes arbor-tristis</i> L.(Ganga Siuli), <i>Oroxylum indicum</i> (L.) Vent.(Phanphana), <i>Ougeiniaoojeinensis</i>(Bandhan), <i>Phoenix sylvestris</i> (L.) Roxb.(Khajur), <i>Pongamia pinnata</i> L(Karanja), <i>Pterocarpus marsupium</i> Roxb(Piasal/Bijasal), <i>Randiaulignosa</i>(Thelko), <i>Schleicheraoleosa</i>(Lour.) Oken(Kusum), <i>Semecarpus anacardium</i> L.f.(Bhalia), <i>Soymidafebrifuga</i>(Roxb.) A. Juss. (Rohini), <i>Sterculia urens</i>Roxb (Genduli), <i>Strychnospotatorum</i>L.f. (Nirmali), <i>Syzygiumcumini</i>(L.) Skeels (Jamun), <i>Tamarindus indica</i> L (Tamarind), <i>Tectona grandis</i> L (Teak), <i>Terminalia alata</i>Heyne ex Roth (Asana), <i>Terminalia arjuna</i> (Roxb.ex DC.) Wight. (Arjuna), <i>Terminalia bellirica</i>(Gaertn.) Roxb. (Bahada), <i>Terminalia chebula</i>Retz (Harida)etc.
10	Position of wild life in general	The surrounding area of the project comprise of good wildlife habitat with faunal composition include <i>Manis crassicaudata</i> (Pangolin), <i>Melursus ursinus</i> (Sloth bear), <i>Felis bengalensis</i> (Leopard cat), <i>Pathera pardus</i> (Leopard), <i>Mellivora capensis</i> (Ratel/Honey Badger), <i>Bos gaurus</i> (Bison/Gaur), <i>Elephas maximus</i> (Elephant), <i>Canis lupus</i> (Wolf), <i>Felis chaus affinus</i> (Jungle cat), <i>Ratufa indica</i> (Indian giant squirrel), <i>Petauristaphilippensis</i> (Indian great flying squirrel), <i>Canis aures</i> (Jackal), <i>Macaca mulatta</i> (Rhesus macaque), <i>Semnopithecus entellus</i> (Monkey/Langur), <i>Herpestesedwardsi</i> (GreyMongoose), <i>Viverricula indica</i> (Small India cerivet), <i>Semnopithecus entellus</i> (Mankada (Hanu)).
11	Whether the applied area is involved with any eco-sensitive area/ national park/sanctuary.	The proposed railway alignment from Km. 143.33 to 149.5 under Boudh Forest Division falls within 10 Km. distance of peripheral boundary of Satkosia Tiger Reserve.
12	No. of tree to be felled and its impact on the eco-systems.	57,794 trees have been marked and the User agency submitted tree enumeration list. Also the User Agency undertakes that they will pay the CA amount as required.

13	Details of broken up area and reclamation done if any.	Nil
14	Position of displacement of people and adequacy of rehabilitation if any.	FRA Certificate submitted.
15	Position of rare and endangered species available of importance of area from eco-social point of view.	No.
16	Area selected for diversion if included in the D.L.C report or not.	Yes. Out of 302.329Ha. of diverted forest land, 38.552Ha. is included in DLC report.
17	Suitability of the identified non forest area for compensatory Afforestation.	Yes. Following degraded revenue forest kissam lands are identified for raising of Compensatory Afforestation. 1. 25Ha. degraded revenue forest kissam land in Radhanagar village of Biranarasinghpur R.I Circle bearing Khata No. 123 & Plot. No. 554, 562 & 566 and Khata No. 120 & Plot No. 576 of Harabhanga Tahasil of Boudh Dist. @ 1000 plants/Ha. in AR plantation mode. 2. 16Ha. degraded revenue forest kissam land in Khajuripada village of Baghiapada R.I Circle bearing Khata No. 56 Plot. No. 116 of Boudh Tahasil of Boudh Dist. @ 1000 plants/Ha. in AR plantation mode. 3. 12Ha. degraded revenue forest kissam land in Balakira village of Mundapada R.I Circle bearing Khata No. 287 & Plot. No. 1373 & 1380 of Boudh Tahasil of Boudh Dist. @ 1000 plants/Ha. in AR plantation mode. 4. 9Ha. degraded revenue forest kissam land in Brahmanipali village of Baghiapada R.I Circle bearing Khata No. 67 & Plot. No. 571 of Boudh Tahasil of Boudh Dist. @ 1000 plants/Ha. in AR plantation mode. 5. 7Ha. degraded revenue forest kissam land in Bijapadar village of Baghiapada R.I Circle bearing Khata No. 72 & Plot. No. 652 of Boudh Tahasil of Boudh Dist. @ 1000 plants/Ha. in AR plantation mode. 6. 114Ha. degraded revenue forest kissam land in Ambakana village of Mundapada R.I Circle bearing Khata No. 8 (Rakhit) & Plot. No. 214, 233, 234, 235, 236, 251, 252, 253, 255, 256 & 257 of Boudh Tahasil of Boudh Dist. @ 1000 plants/Ha. in AR plantation mode.

		7. 10Ha. degraded revenue forest kissam land in Palsadadar village of Baghiapada R.I Circle bearing Khata No. 6 & Plot. No. 85 of Boudh Tahasil of Boudh Dist. @ 1000 plants/Ha. in AR plantation mode. 8. 20Ha. degraded revenue forest kissam land in Barapadar village of Ghantapada R.I Circle bearing Khata No. 103 & Plot. No. 534, 535, 536, 433 & 532 of Kantamal Tahasil of Boudh Dist. @ 1000 plants/Ha. in AR plantation mode. 9. 69Ha. degraded revenue forest kissam land in Banki village of Gundulia R.I Circle bearing Khata No. 20 & Plot. No. 70, 71, 105, 193, 210 & 213 of Boudh Tahasil of Boudh Dist. @ 500 plants/Ha. in ANR with Gap plantation mode. 10. 80Ha. degraded revenue forest kissam land in Didingapadar village of Gundulia R.I Circle bearing Khata No. 3 & Plot. No. 2, 3, 8, 9, 53 & 55 of Boudh Tahasil of Boudh Dist. @ 500 plants/Ha. in ANR with Gap plantation mode. 11. 222Ha. degraded revenue forest kissam land in Tarva village of Gundulia R.I Circle bearing Khata No. 69 & Plot. No. 802, 828, 829, 851, 852, 853, 855, 856, 858, 861, 912, 913, 830, 841, 854, 910, 911, 914 & 915 of Boudh Tahasil of Boudh Dist. @ 500 plants/Ha. in ANR with Gap plantation mode. 12. 22Ha. degraded revenue forest kissam land in Ghochangi village of Kantamal R.I Circle bearing Khata No. 101 & Plot. No. 172 & 180 of Kantamal Tahasil of Boudh Dist. @ 500 plants/Ha. in ANR with Gap plantation mode.
18	Violation of forest (conservation) Act 1980 if any and action taken thereof.	No.



Divisional Forest Officer

Boudh Division

Divisional Forest Officer
Boudh Division.