

Sub.: Proposal for diversion of the balance forest land of 11.006 hectares (Safety Zone – 9.778 ha and area for public purpose – 1.228 ha) excluding 177.517 ha of already diverted forest land out of total forest land of 188.523 ha within the applied mining lease area of 188.523 ha for Iron, Manganese and Bauxite Mining in village Kalmang, Jaldihi, Sidimba and Tantigram (KJST) under Koira Tehsil of Sundargarh District by Sri Prabodh Mohanty, Legal heir of Late S. N. Mohanty during the mining lease period to be granted / executed under amended provision of MMDR Act , 2015.

1. The State Government of Odisha, vide their letter No. 10F (Cons) 324/2015/18879/F & E Bhubaneswar dated 28.10.2015, has submitted a proposal to obtain prior approval of Central Government under the Forest (Conservation) At, 1980 for diversion of the balance forest land of 11.006 hectares (Safety Zone – 9.778 ha and area for public purpose – 1.228 ha) excluding 177.517 ha of already diverted forest land out of total forest land of 188.523 ha within the applied mining lease area of 188.523 ha for Iron, Manganese and Bauxite Mining in village Kalmang, Jaldihi, Sidimba and Tantigram (KJST) under Koira Tehsil of Sundargarh District by Sri Prabodh Mohanty, Legal heir of Late S. N. Mohanty during the mining lease period to be granted / executed under amended provision of MMDR Act , 2015.
2. Details indicated in the proposal submitted by the Forest & Environment Department, Government of Odisha are as below:

FACT SHEET

1.	Name of the Proposal	Proposal for diversion of the balance forest land of 11.006 hectares (Safety Zone – 9.778 ha and area for public purpose – 1.228 ha) excluding 177.517 ha of already diverted forest land out of total forest land of 188.523 ha within the applied mining lease area of 188.523 ha for Iron, Manganese and Bauxite Mining in village Kalmang, Jaldihi, Sidimba and Tantigram (KJST) under Koira Tehsil of Sundargarh District by Sri Prabodh Mohanty, Legal heir of Late S. N. Mohanty during the mining lease period to be granted / executed under amended provision of MMDR Act , 2015.
2	Location:	
	State	Odisha.
	District	Sundargarh
3.	Particular of Forests	
(i)	Name of Forest Division	Bonai Forest Division

(ii)	Area of Forest land for Diversion	11.006 hectares
(iii)	Legal Status of Forest land	Revenue Forest land 0.682 ha. PRF 5.165 ha. DLC 5.159 ha. Total 11.006ha
(iv)	Density of Vegetation	0.3 (Eco Value Class-I)
(v)	Species-wise and diameter class wise enumeration of trees (to be enclosed. In case of irritation of FRL, FRL 2 meter & FRL -4 meter also to be enclosed).	Species wise and diameter Class wise abstract of trees is enclosed at (Pg. 101-105/c) .
(vi)	Brief note on vulnerability of the forest area to erosion.	No
5	Approximate distance of proposed site for diversion from boundary of forest	The proposed site for diversion is at a distance of about 0.5 Km from Sarkunda R. F. of Bonai Division.
6.	Whether forms part of National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant Corridor etc. (if so, the details of the area the comments of the Chief Wildlife Warden to be annexed)	The applied area does not form part of national Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve or Elephant Corridor.
7.	Whether any rare/ endangered/ unique species of flora and fauna found in the area if so, details thereof.	No rare / endangered / unique species of flora and fauna is found in the applied area.
8.	Whether any protected archaeological/ heritage site/ defence establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required.	No protected archeological structure / heritage site / defence establishment of any other important monument is located in the applied area.
9.	Whether the requirement of forest land as proposed by the User Agency in col.2 of Part-I is unavoidable and bare minimum for the project. If no, recommended area item-wise with details of alternatives examined.	The applied balance forest land of 11.006 hectares (Safety Zone – 9.778 ha and area for public purpose – 1.228 ha) excluding 177.517 ha of already diverted forest land out of total forest land of 188.523 ha within the applied mining lease area of 188.523 ha for Iron, is unavoidable and bare minimum required for the project.

10.	Whether any work in violation of the Act has been carried out (Yes/ No). If yes, details of the same including period of work done, action taken on erring officials. Whether work in violation is still under progress.	There is no violation of the Forest (Conservation) Act 1980 in the area proposed for diversion. The compliance on Hon'ble Shah Commission's report on illegal production without F.C. clearance mentioned in Annexure-III-A of Chapter-IV of VoI - III is available at (Pg. 35-36/c) .
11.	Details of Compensatory Afforestation Scheme:	
(i)	Details of Non-forest area / degraded forest area identified for compensatory Afforestation, its distance from adjoining forest, number of patches, size of each patch.	<p>The total ML area of Kalamang, Jaldhi, Sidimba and Tantigram (KJST) Iron, Manganese & Bauxite Ore Mines of Sri S. N. Mohanty comes to 333.063 ha., out of which 330.040 ha. is forest land. The lessee has applied for renewal of Mining lease over 188.523 ha, out of original ML area over 333.063 ha. on 16.12.2005 and proposed to surrender balance area of 144.540 ha. an Area of 177.517 ha. has already been approved under Compensatory Afforestation in respect of final approval granted earlier for diversion of 177.517 ha. of forest land vide MoEF letter No. 8-45/2007-FC (Pt.) dated 31.07.2009. Now, the Lessee has submitted proposal for diversion of 11.006 ha Of balance forest land (Safety Zone – 9.778 ha + Other area – 1.228 ha.). Safety Zone meant to be fenced, re-generated and maintained as such, and also, this Safety Zone area is not required to be diverted for mining or allied activity, but it requires diversion for grant of RML as provided in MoEF Guidelines. Hence, CA in respect of the Safety Zone area applied for diversion is not insisted. Hence, the balance applied area of 1.228 ha. requires Compensatory Afforestation, for which the present Scheme has been prepared (11.006 ha. (-) Safety Zone – 9.778 ha.)</p> <p>The CA Scheme has been prepared for raising CA over 1.228 ha. of Govt. Non-forest land in village Bhurung under Gurundia Tehsil of Sundargarh District. The Scheme aims to compensate the loss of 1.228 Ha. of forest land proposed for diversion by Sri Prabodh Mohanty, Legal heir of Late S. N. Mohanty for mining project of Kalmang, Jaldihi,</p>

		<p>Sidimba and Tantigram (KJST) Iron, Manganese & Bauxite Ore Mines in Bonai Division. The Govt. non-forest land has been jointly verified in the field by the Revenue & the Forest authorities. The Govt. non-forest land over 1.228 ha. so verified jointly is found suitable of plantation being free from encroachment and encumbrances. The land identified for CA has not been in the DLC report.</p> <p>The area so identified for the CA is having vegetation which consists of mainly Sal crop along with other miscellaneous species such as <i>Kendu, Karada, Asan, Char, Amla, Mahul etc.</i> The density vegetation is about 0.4 and suitable for ANR plantation. Plantation of 200 nos of seedlings per ha. at a spacing of 2.5 Mt. X 2.5 Mt. will be taken up over 1.228 ha. of identified area, which comes under Tamra Range of this Division. The cost estimate for this plantation has been calculated as per cost norm for Assisted Natural Re – generation.</p> <p>The Compensatory Afforestation Scheme has been prepared by DFO, Bonai over 1.228 ha. of ANR Plantation with a total financial forecast of Rs. 11, 53, 303.83 or Rs. 11, 53, 500.00/-@ current wage rate of Rs. 200/- per manday with maintenance cost of 10 years. The Scheme has also provision for Special Soil and Moisture Conservation measures, barbed wire fencing over the entire area. The species selected to be planted under the scheme are <i>Karanja (Pongamia pinnata), Neem (Azadirachta indica), Bamboo (Dendrocalamus strictus), Amla (Emblica officinalis), Bahada (Terminalia bellerica), Harida(Terminalia chebula), Bija (Pterocarpus marsupium) Khair (Acacia catechu)</i> etc. The Addl. Pr. CCF (Forest Diversion) & Nodal Officer, FC Act has accorded technical approval to the CA scheme. A copy of duly approved CA scheme is available is (Pg. 150-168/c).</p>
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(ii)	Map showing non-forest / degraded forest area identified for compensatory Afforestation and adjoining forest boundaries.	The map of the Compensatory Afforestation scheme is available at (Pg. 168/c) . is Technical approved by the DFO Bonai Forest Division.
(iii)	Detailed compensatory afforestation scheme including species to be planted, implementing Agency, time schedule, cost structure etc.	Details has been furnished in the Compensatory Afforestation Scheme. The Addl. Pr. CCF (Forest Diversion) & Nodal Officer, FC Act has accorded technical approval to the CA scheme. A copy of duly approved CA scheme is available is (Pg. 150-168/c) .
(iv)	Total financial outlay for compensatory afforestation scheme.	The Compensatory Afforestation Scheme Rs. 8, 36, 800/- . After scrutiny of the said proposal State Government of Odisha is reported in Para 11 (i) total financial forecast of Rs. 11, 53, 303.83 or Rs. 11, 53, 500.00/-@ current wage rate of Rs. 200/- per manday with maintenance cost of 10 years.
(v)	Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view. To be signed by the concerned Deputy Conservatory of Forests.	The Suitability Certificate of the competent authorities has been furnished in the Compensatory Afforestation Scheme. A copy of duly approved CA scheme is available is (Pg. 150-168/c) .
12.	Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in Col.7 (xi, xii) 8 and 9 above.	The Site Inspection Report of the DCF is available at (Pg. 145-146/c) .
13.	Status of Settlement of Rights under the Forest Rights Act, 2006.	The proposed mining lease area of KJST Iron and Manganese and Buxite Mines of the total lease area 188.523 ha. of forest land proposed for diversion of 11.006 ha. of forest land involved safety zone and public purpose for non – forest used and mining purpose in KJST Iron, Manganese and Buxite Mines of Sri Prabodh Mohanty under Koira Tehsil. The Collector, Sundargarh, and Chairman D.L.C. has furnished detailed compliance required under the FRA circulars mentioned above the Collector has certified compliance regarding 188.523 ha of forest land as per FRA circular dated 3.8.2009 on dated 02.08.2014. Other documents like Gram

		<p>Sabha resolution dated 16.07.2014 of Kalamanga, Jaldihi, Sidimbaa and Tantigram village and their English version of Palli Sabha dated 09.07.2014 are enclosed.</p> <p>The Collector, Sundargarh has issued the required certificate for 188.523 Ha. of forest land applied for renewal which also include 11.006 Ha. of forest land proposed for diversion for safety zone / public purpose now. The copy of the FRA certificate along with Gram Sabha resolutions for <i>village Kalamong (dated 09.07.2014 for 72.687 ha), Jaldihi (dated 09.07.2016 for 42.096 Ha.), Sidihiba (dated 09.07.2014 for 37.714 Ha.) and Tantigaram (dated 09.07.2014 for 36.026 Ha.)</i>.</p> <p>As per the certificates issued by the Collector, Sundargarh and Chairman DLC, it is revealed that no Primitive Tribal groups and Pre-Agricultural-Communities are occupying forest land and further no such facilities managed by government requiring diversion of forest land under section-3(2) of FRA-2006 exist over the DLC forest area of 11.006 (out of 188.523 ha) proposed for diversion.</p>	
14.	Division / District profile:		
(i)	Geographical area of the district / Division	9712.00sq. km.	
(ii)	Forest area of the District	4957.32 sq. km.	
(iii)	Total forest area diverted in the Division / District since 1980 with number of cases	Nos. of cases	Area diverted in ha.
		40	2965.169
(iv)	Total compensatory afforestation stipulated in the District/Division since 1980 as on dated. 1.1.2013.		
(a)	Forest land including penal compensatory afforestation	1129.116 Ha.	
(b)	Non-Forest land	1155.094 Ha	
(v)	Progress of Compensatory Afforestation as on dated		

	01.01.2013.	
(a)	Forest Land	1092.146 Ha.
(b)	Non – Forest Land	1460.837 Ha.
14.	Recommendations	
	DFO	The diversion of forest land over 11.006 ha. (Safety Zone-9.778 ha. + 1.228 ha. for Public Purpose) is required for renewal of Mining Lease as per Letter No. 11-362/2012-FC dt. 1.2.2013 of the MoEF. However, opinion the DFO, Bonai Forest Division that the proposal for diversion of 11.006 ha. (Including Safety Zone 9.778 ha.) of forest land may be approved in favour of the Sri Prabodh Mohanty, Legal heir of Late S. N. Mohanty by imposing necessary conditions. Therefore it is recommended that the proposal may be accepted taking cognizance of the aforementioned facts. (Pg. 33-34/c)
	Regional Chief Conservator of Forests F	Recommended (Pg. 37/c)
	Principal Chief Conservator of Forests	Recommended (Pg. 38/c)
	State Govt.	Recommended (Pg. 39/c)

3. The State Government of Odisha has furnished the following additional information on the project as bellow:

- i. A mining lease was granted over 333.063 ha (19.732 ha. of Khesra Forest +311.109 ha. of Govt. non-forest + 2.222 ha. of tenanted land) for Iron & Manganese ore in favour of Sri S.N. Mohanty of Barbil, Dist. Keonjhar (now deceased) for period of 20 years and accordingly the lease deed was executed on 20.1.1987. Which was valid till 19.1.2007. Later, another lease was granted for mining of bauxite ore in the above mentioned mining lease area for which supplementary lease deed was executed on 11.12.1989. The lease period of bauxite ore was to be co-terminus with the original lease deed executed earlier for iron and manganese ore . After the demise of the original lessee i.e.sri S.N. Mohanty, Govt of Odisha in the Dept. of Steel & mines accorded permission vide their Letter dated 11.3.1999 in favour of Sri Prabodh Mohanty, Legal heir of Late S.N. Mohanty to continue mining operation and to inherit the pending PL/ML applications of his deceased father. The legal status of mining lease area over 333.063 ha. was as under at the time of grant/execution of original/supplementary lease deed.

PRF	140.166 Ha.
DLC	Nil
Revenue Forest	19.733 Ha.
Total Fores	159.899 Ha.
Non-Forest (Govt.)	170.944 Ha.
Non-forest- (Tenanted)	2.221 Ha.
Total	333.063 Ha

- ii. After pronouncement of Order dt. 12.12.1996 by the Hon,ble Surpeme Court in W.P. © No. 202 of 1995 (T.N. Godavarman Vrs. Union of India and Otehrs) and finalization of DLC report by the State Government, the legal status of some of the non forest land included in the said mining lease are changed to forest land and therefore the composition of different kisam land included in the lease became as under.

Break-up of legal Status of ML area after 12.12.1996 (w.e.f. 6.1.1998).
PRF - 140.166 Ha.
DLC - 170.141 Ha.
Revenue Forest - 19.733 Ha.
Total Forest – 330.040 Ha.
Non-forest (govt.) – 0.802 Ha.
Non-forest (tenanted) – 2.221 ha.
Total – 333.063 Ha

- iii. In the meanwhile, the lessee applied for 1st renewal of mining lease over an reduced area of 188.523 ha only on 06.12.2005, which is entire forest land, out of original ML are over 333.063 ha. under Rule-24A(1) of MCR, 1960 which is a part of the originally granted/executed area and thereby surrendering of balance 144.540 ha of the originally granted ML area. The final Mine Closure Plan (FMCP over the proposed surrendered are of 144.540 ha (non-mineralized zone) has been approved by IBM, Bhubaneswar vide their Letter No. FMCP/OTF.MECH/09-ORI/BHU/2010-11 Dt, 12.01.2011(page 84-84A/DP) and a certificate to this effect has been issued by IBM, Regional Controller of Mines, Bhubaneswar vide their letterNo. T/FMCP/C/1/BHU-2011 dtd. 11.01.2012(page 84B/DP). Accordingly, Director of Mines, Odisha vide has letter No. MIV (B) -125/05-1221/DM.dtd. 07.02.2013 (page - 82-83/DP) proposed for disposal of 1st RML application of the lessee by Government of Odisha in Steel and Mines department along with approval for taking over possession of the area over 144.540 ha surrendered by the lessee. As such the 1st RMI application of the lessee for 188.523 ha. is pending for disposal of State Government . In the meantime, the amended provision of MMDR Act, 2015 has come into force, Accordingly, the State Government in Steel & Mines Department shall dispose the RMI application of the lessee.
- iv. During 1st RML period, a proposal for diversion of 75.859 ha. of forest land in this mining lease was forwarded of Government of India, MoEF vide letter No. 6928/F&E Dt. 5.5.2007 for consideration. In that proposal the applicant had proposed to retain 101.658 ha. forest land within the original mining lease area for future exploration. This was indicated at Si. 14 of the Statement showing purpose wise total land required for the project of the above mentioned letter of the State Government . While forwarding

the diversion proposal of 75.3859ha. of forest land to Govt. of India, the State Govt. had imposed a condition on the applicant to submit a fresh forest diversion proposal for the said 101.658 ha. of forest land proposed to be retained for future exploration. Moreover, the Government of India, Ministry of Environment and Forests, while according Temporary Working Permission over 18.814 ha. of broken up forest land vide their letter No. F.No. 8-45/2007-FC dt 12.62008 at para-6 of the said letter had also asked the State Government to forward the complete diversion proposal for 188.523 ha. In compliance to the above instructions, the User Agency had applied for diversion of 101.658 ha. of forest land leaving 11.00 ha. of forest land for Safety zone and public use with a view to enhance the production of raw material so that this could meet the demand of Iron and manganese ore in their proposed 0.25 MTPA Steel Plan for which an MOU has been entered into with the State Govt. on 22.12.2006. The said forest diversion proposal for 101.658 ha. of forest No. 12021 dt. 4.8.2008 for consideration under Section 2 of FC Act, 1980. The GOI, MeEF vide their letter F.No. 8-45/2007-FC(Pt). dt. 6.11.2008 had accorded Stage-I approval for 177.517 ha. (101.658ha.+75.859ha.O and thereafter also accorded Stage –II approval for 177.517ha. of forest land vide their letter F.No. 8-45/2007-FC(Pt) dt. 31.7.2009 (page 85-86/DP). Thus an area of 11.00 6ha. (188.523ha. – 177.517 ha). of forest land in the mining lease remains to be diverted. Land schedule of total ML area of 333.063 ha. originally granted is at page 74.75/DP. Similarly land schedule of 75.859 ha. of forest land and 101.658 ha. of forest land earlier diverted are at page 81 and 79 of the DP respectively. Detailed land schedule of 188.523 ha. of land of mining lease applied for renewal is at page 76/DP. The detailed authenticated land schedule of 11.006ha. of undiverted forest land now applied for diversion is at page 77-78/DP . As per provision of general approval order of MoEF&CC, GOI vide guidelines bearing F.No. 11-51/2015-FC Dt. 1.4.2015/1.5.2015, the validity of forest clearance granted vide letter F.No. 8.45/2007-FC(Pt). 31.7.2009 of MOEF for diversion of 177.517ha. shall stand extended up to a period co-terminus with the period of mining lease in accordance with the provision of MMDR Act, 1957, as amended subject to fulfillment of conditions prescribed in such general approval orders. Further as per provision of GoI, MEF&CC, guidelines bearing F.No. 11-599/2014-FC dt. 1.4.2015, general approval under Section 2(iii) of FC Act, 1980 is also available for the balance 11.00ha. of forest land for which the present forest diversion proposal has been processed, includes 9.77ha. of forest land earmarked to be maintained as safety zone and 1.228ha. of forest land left for public purpose (more specifically to be used as road by the villagers of Jaldihi). If the 11.006 ha. of undiverted forest land had existed within the safety zone entirely, the necessity of processing this instant forest diversion proposal, would not have been required as per clarification circulated by MOEF&CC, GoI Vide their guidelines bearing F.No. 11-599/2014-FC dt. 1.5.2015. However, since the undiverted forest land of 11.00ha. also includes 1.228 ha. of forest land to be used as road (non-forest purpose), the present diversion proposal has been processed for entire 11.006ha. which includes 9.778ha. in safety zone to be diverted under Section 2(iii) of FC Act, 1980 and 1.228ha. of forest land for road purpose to be diverted under Section 2(ii) of FC Act, 1980.

- v. The ML area has been delineated in Survey of India Topo sheet No. 73 G/1 & 73 G/5 and finds place within latitude 21-50-52'' to 21-54-46'' North & longitude 85-14-48'' to 85-15-22'' East. The cost of the present project is estimated to be Rs. 20.00 Crores. The proposed area of diversion does not form part of any National Park

/Sanctuary/Biosphere Reserve/Tiger Reserve. No protected archaeological/heritage site or any other important monument is located in the applied area. No rare/endangered species of flora and fauna is noticed in the Mining lease area. The User Agency has also proposed to go for value addition for the raw material produced. The applicant Sri Prabodh Mohanty, in the capacity of being the Managing Director of M/s. Surendra Mining Industries Pvt. Ltd, a Company registered under the Companies Act, 1956 has signed an M.O.U with the State Government on 22.12.2006 to set up an Integrated Steel Plant of 0.25 MTPA capacity and Captive Power Plant of 16MW at barahamusa in Bonai area of Sundargarh district. This project will generate employment for 457 persons daily during the lease period. Further this project does not involve any displacement of human habitation.

4. Map

i. The user agency has furnished the following maps:

S. No.	List of Maps / Description of Map	Scale	Plate No.
1.	Index Map of KJST Mining lease of lessee in SoI Toposheet No. F45N1 (73G/1) and No. F45 N 5 (73 G/5) also showing adjoining leases.	1:50,000	1
2	Mining Lease area originally granted	16":1 mile	2
3	Lease area applied for 1 st renewal	16":1 mile	3
4	Existing land use plan	16":1 mile	4
5	Proposed Land Use Plan	16":1 mile	5
6	Safety Zone Plan	16":1 mile	6
7	Geological Plan	1 : 2000	7
8	Phase reclamation Plan	16":1 mile	8
9	Broken up area plan	16":1 mile	9
10	Mining Lease Plan on cadastral Map (Village Sheets)	16":1 mile	10A to 10F
11	DGPS Map of forest land applied for diversion now	1:4,000	11
12	Compensatory Afforestation Map (Enclosed to the CA scheme)	16":1 mile	12

ii. The above maps have been authenticated by the competent authorities of Forest, Mining and Revenue Departments.

5. Forest Land

i. The total lease area applied for renewal by the lessee is 188.523 ha., which is entirely forest land. The land use pattern earlier approved by MoEF, GOI for diversion of 177.517ha. is as under.

S. No.	Purpose of utilization	Khesra forest (ha.)	Proposed Reserve Forest (ha.)	DLC Forest (Ha.)	Govt. Non-forest land (Ha.)	Tenant ed land (Ha.)	Total
1.	Now	5.413	42.448	53.797	-	-	101.65

	proposed for diversion for mining						8
2	Earlier proposed for diversion						
a)	Mining	7.68	16.524	43.27	-	-	67.474
b)	Dumping	-	-	6.46	-	-	6.46
c)	Storage of Top Soil	-	-	0.300	-	-	0.300
d)	Stacking	-	-	0.520	-	-	0.520
e)	Construction of Building	-	-	-	-	--	-
f)	Road/railway Line etc	-	0.198	0.45	-	-	0.543
g)	Screening unit	-	-	0.500	-	-	0.500
h)	Weigh bridge	-	-	0.050	-	-	0.050
i)	Magazine	-	0.012	-	-	-	0.012
	Sub-Total	7.68	16.734	51.445	-	-	75.859
	Total area proposed for diversion (now & earlier)	13.093	59.182	105.242	-	-	177.517
3	Safety Zone around the magazine	-	0.786	-	-	-	0.786
4	Safety Zone 7.5 mtrs. Along the boundary	0.682	2.852	2.878	-	-	6.412
5	Safety Zone 10 mtrs. Along the public road	-	1.012	1.568	-	-	2.580
	Sub-Total (Safety Zone)	0.682	4.650	4.446	-	-	9.778
6	Area used for public purpose	-	0.515	0.713	-	-	1.228
	Sub-Total (proposed RML)	13.775	64.347	110.401	-	-	188.523
7	Area proposed for surrender	5.9579	75.8189	59.7406	0.8012	2.2217	144.5403
	Grand Total	19.7329	140.1659	170.1416	0.08012	2.2217	333.0633

- ii. As indicated at point 3 to 6 of above mentioned approved land use pattern, an area of 11.006 ha. is earmarked to be maintained as safety zone (9.778ha.) and public purpose (1.228ha).

- iii. The purpose-wise break-up of the total forest land of 11.006 ha. now applied for diversion is furnished below:

S. No.	Purpose of utilization	Forest Land			Total Forest Land	Govt. Non-Forest Land	Tenanted land	Grand Total
		KF	PRF	DL C				
1	2	3	4	5	6	7	8	9
1	Safety Zone around the magazine	-	0.786	-	0.786	-	-	0.786
2	Safety Zone 7.5 mt along the boundary	0.682	2.852	2.878	6.412	-	-	6.412
3	Safety Zone of 10 mt along the public road	-	1.012	1.568	2.580	-	-	2.580
	Total of Safety Zone	0.682	4.650	4.446	9.778	-	-	9.778
4	Area used for public purpose(used as road by the villagers of Jaldihi)	-	0.515	0.713	1.228	-	-	1.228
	Grand Total	0.682	5.165	5.159	11.006	-	-	11.006
Broken and Virgin statement								
1	Broken – Pre-1980	-	-	-	-	-	-	-
2	Broken- post 1980	-	-	-	-	-	-	-
3	Virgin	0.682	5.165	5.159	11.006	-	-	11.006
	Total	0.682	5.165	5.159	11.006	-	-	11.006

- iv. As indicated by PCCF, Odisha, the comparison between Sabik and Hal settlement status of the land in this mining lease does not arise as the Hal Settlement in Sundargarh district has taken place prior to 1980 i.e in the year 1975.

6. Flora & Fauna

- i. As reported by PCCF, Odisha, tree species commonly noticed in this area are Shorea robusta, Bauhinia vahlii, arhdina cordifolia, Terminzalia tomentosa, syzygium cuminin, scelichera oleosa, Anogeissus latifolosa, diopsyros melanxylon, Buchanania lanzan, lgerstreoemia parviflora etc. Shorea robusta is the pre-dominant species. Similarly wild animals such as Oryctolaugs cuniculus (Hare), Sus scrofa cristatus (wold boar), Fellies chaus affinis(Jungle cat), Canis aureus (Jackal), Snakes and different type of birds are

noticed in the area. No rare or endangered species of flora or fauna is noticed in this area.

7. Wildlife Management

- i. The user agency has already deposited an amount of Rs. 81,06,489/- in favour of Ad-hoc CAMPA towards the proportionate cost of Regional Wildlife Management Plan as per the revised norm @ Rs. 43,000/- per ha over the lease hold area of 188.523 ha in two phases i.e. for Rs. 37,70,460/- vide DD No. 023800 dated 28.05.2009 and Rs. 43,36,029/- through RTGS dated on 4.11.2013 in Union bank of india, Sundarnagar Branch , New Delhi vide UTR No. HDFCH1330854747. Similarly, the Specific Wildlife Conservation Plan for this project prepared by the user agency has been approved by the PCCF (Wildlife) & CWLW, Odisha with a total financial outlay of Rs. 70,00,000/-. The said amount has also been deposited by the user agency in favour of Ad-hoc CAMPA vide DD No. 024381 dated 09.07.2009.

8. Tree enumeration

- i. The forest land applied for diversion is 11.006 ha which involves 9.778 ha safety zone area and 1.228 ha to be used for public purpose as road by the villagers of Jaldihi. As reported by the DFO, Bonai in his site inspection report, 1234 no. of trees have been enumerated over 9.778 ha. of forest land earmarked to be maintained as safety zone, which are not to be felled. Further it has been reported that there is no forest growth over 1.228 ha which is required to be diverted for non-forest purpose of road. Detailed tree enumeration report over safety zone area and that over 1.228ha. of forest land for road purpose. Density of vegetation over the safety zone area is reported to be 0.3.

9. Compensatory Afforestation

- i. The instant forest diversion proposal of 11.006 ha of forest land includes 9.778 ha of safety zone area and 1.228 ha for public purpose as road. No compensatory afforestation is required for forest land to be diverted under safety zone. However, compensatory afforestation is required to be taken up against the diversion of 1.228 ha. required to be used as road by the villagers of Jaldihi. Accordingly, equivalent non-forest land over 1.228 ha. has been identified/allotted in village Bhurung (Tehsil Gurundia) under Tamra Range of Bonai Forest Division by the Collector, Sundargarh as per land schedule given below for the purpose of raising compensatory afforestation.

Village	Khata No.	Plot No.	Kisam	Area	Remark
Bhurung	33 (AAA)	88/P	Pahad	3.034 Ac. Or 1.228 ha.	

- ii. The identified non-forest land is certified to be free from encroachment and encumbrance and non-encroachment and non-encumbrance certificate issued by the Tahasildar, Gurundia, has been furnished to the CA Scheme as Annexure-V. The suitability certificate furnished by the DFO, Bonai is enclosed vide Annexure-VI of the CA Scheme. The area identified for the CA is not included in the DLC report of

Sundargarh district. The DFO, Bonai has prepared a site specific CA scheme in ANR mode for taking up plantation of 200 Plants per ha. Considering the existing vegetation with a total financial forecast of Rs. 11,53,500/- as per current wage rate of Rs. 200/- per Manday and with 10 years maintenance provision. The Addl. PCCF (Forest Diversion & Nodal Officer) FC Act has accorded technical approval for this CA scheme. Copy of the CA scheme is placed. Map of the CA land shown in the cadastral map of village Bhrung duly signed by all concerned and map showing treatment of CA area are furnished at page 140 A-b of the DP. The user agency has furnished and undertaking to bear the cost of the Compensatory Afforestation.

10. Safety Zone

- i. An area of 9.778 ha (Revenue Forest land 0.682 ha + PRF 4.65 ha + DLC Forest land 4.446 ha) has been earmarked to be maintained as safety zone in this mining lease. In compliance to the conditions imposed in the previous diversion of 177.517 ha., the user agency. The user agency has deposited an amount of Rs. 11,74,300/- in favour of Ad-hoc CAMPA towards cost of maintenance of safety zone area. Further a scheme for afforestation on 1.5 times safety zone area i.e. over 14.667 ha of degraded forest land identified in Dharnaidhuarpali RF in Bonai Forest Division has been approved and an amount of Rs. 14,96,600/- towards approved cost of the said scheme has also been deposited in Ad-hoc CAMPA. As reported by PCCF, Odisha the above schemes are now under execution. 1st year plantation was taken up during 2010-11, and 3rd year maintenance has been completed during 2013-14.

11. Cost Benefit Analysis

- i. The details of C.B analysis has been drawn for this mining project. It states that total loss account of this project comes to Rs. 924 lakhs and total benefit owing to this project is in the order of Rs. 9900 lakhs. Thus the cost : benefit ratio for this project is assessed at 1 :11 . Details of C:B analysis.

12. Environmental Clearance

- i. The lessee has obtained Environment Clearance from MoEF, GoI Vide Letter No. J-11015/417/2006-IA. II (M) dt. 28.1.2008 for production of 7,00,000 tonnes of iron ore, 50,000 tonnes of bauxite ore by open cast semi-mechanised method involving MI area of 188.523 ha. (Annexure-XIX, Page 99-106/DP). State Pollution Control Board vide their order dt. 14.3.2011 has granted Consent to Operate in favour of this project which is valid till 31.3.2016.

13. Phased Reclamation Plan

- i. The Phased Reclamation Plan has been furnished. This plan includes reclamation of exhausted pits by back-filling with mine waste materials, taking up of block plantation over the stabilized dumps as well as vacant areas. The user agency has furnished an undertaking to execute the scheme.

14. Mining Plan

- i. The Mining Plan with Progressive Mine Closure Plan for this mine has been approved by the Indian bureau of Mines vide their Letter No. 314 (3) /2010-MCCM (CZ) / Ms-40 dt. 6.4.2011 with validity up to 31.3.2016. A copy of the approved Mining Scheme with progressive Mine closure Plan is submitted in a separate volume.

15. Violation

- i. No violation of the Forest (Conservation) Act, 1980 in this lease has been reported in the site inspection report of DFO, Bonai Forest Division.

16. Resettlement & Rehabilitation Plan

- i. The project does not involve displacement of any human habitation. Hence, R&R plan is not required.

17. Others

- i. The original mining lease area was of 333.063 ha. The said MI area was comprised of 14.0166ha. of Proposed Reserved Forest (PRF), 170.141 ha. of DLC (District Level Committee) forest land, 19.733 ha. of revenue forest land and remaining 3.023ha. non-forest land. As usch total foreset ksiam land in this mining lease comes to 330.040 ha. During 1st RML period, the lessee had proposed to surrender 144.5403 ah including 141.5174 ha forest land. The lessee had earlier deposited an amount of Rs. 13,76,21,790/- towards NPV for entire 188.523 ha. of forest land applied for 1st RML which also included forest land of safety zone @ Rs. 7.30 lakhs per hectare. However, as per demand of DFO, Bonai, the lessee did not deposit an amount of Rs. 10,33,07,410/- towards NPV demanded for the remaining 141.517 ha. of forest land applied for surrender (But not yet finally accepted by State Government) and instead challenged the demand notice of the DFO, Boani Forest Division in this context by filing Writ Petition No. 24646 of 2013 and Misc. case nO. 224001 of 2013 before the Hon'ble High Court, Otissa. In compliance to order of Hon'ble High Court dt. 14.2.2014 in this Writ Case, the lessee deposited an amount of Rs. 5,16,53,705/- (50% of total demanded amount of Rs. 10,33,07,410/-) through RTGS mode on 20.2.2014 in favour of Adhoc-CAMPA in Account No. 344902010105428 in Union bank of India, Sundernagar, New Delhi vide UTR No. UTIBH14051094545. Thus so far, the lessee has deposited an amount of Rs. 18,92,75,495/- towards NPV for this mine. However, the Hon'ble High Court, in their subsequent order dt. 17.9.2014 in this Writ case , has set aside the demand notice and directed to refund the amount deposited by the petitioner vide their order dt. 14.2.2014. On the advice of Law department, State Government has also moved the Adhoc-CAMPA to refund the amount of Rs. 5, 16, 53, 705/- through RTGS mode on 20.2.2014 in favour of Ad-hoc-CAMPA, as referred to above. Response of Ad-hoc-CAMPA is not yet received in this context. The user

agency, ahs however, furnished an undertaking for deposit of NPV, as would be determined.

- ii. Site inspection report of the DFO, Bonai Forest Division. Basic information of Bonai division, Sundargarh district and State Government of Odisha.

18. Geo-referenced Map (DGPS)

- i. In compliance to the MoEF guidelines No. F.NO- 11-9/98-FC dated 08.07.2011 to ensure accurate delineation of the forest area proposed to be diverted for non-forestry purposes under Section-2 of Forest (Conservation) Act, 1980, the DGPS map of the mining lease area showing the forest patch duly verified by ORSAC and authenticated by the Divisional Forest officer, Boani Division, is enclosed as Plate no – 11 to the DP along with the soft copy in CD form.

19. Certificate under Forest Right Act, 2006

- i. In compliance to the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006, the Collector, Sundargarh has issued the required certificate for 188.523ha. of forest land applied for renewal which also includes 11.006 ha of forest land proposed for diversion of forest land proposed for diversion for safety zone/public purpose now. The copy of the FRA certificate along with Gram Sabha resolutions for village Kalamong(dt. 9.7.2014 for 72.687 ha.), Jaldihi (dt. 9.7.2014 for 42.096ha.), Sidimba (dated 9.7.2014 for 37.714ha.) and Tantigram (dated 9.7.2014 for 36.026ha.) Odia language and their English translation are submitted.

20. PCCF, Odisha has recommended this proposal, All the prescribed proforma have been filled up and relevant maps/undertakings have been furnished.

21. The State Government has finally recommended that in view of the above Government of India, MoEF & CC, may kindly examine the proposal for diversion of the balance forest land of 11.006 ha (Safety Zone – 9.778 ha and area for public purpose -1.008 ha) excluding 177.517 ha. of already diverted forest land out of total forest land of 188.523ha. within the applied mining lease area of 188.523ha. for Iron, Manganese and Bauxite Mining in villages Kalmang, Jaldihi, Sidimba and Tantigram (KJST) under Koira Tehsil of Sundargarh District by Sri Prabodh Mohanty, Legal heir of Late S.N. Mohanty during the mining lease period to be granted / executed under amended provision of MMDR Act, 2015 and convey their approval in favour of the project to this department under Section 2 of the Forest Conservation Act, 1980 subject to the following conditions:

- i. Forest area earmarked as safety zone in the ML area as well as for public purpose (road) shall be demarcated by posting of pillars of appropriate length, protected, fenced, afforested at project cost. In no circumstances, the area earmarked as safety zone /public purpose (road), shall be utilized for any other purpose.
- ii. User Agency has to execute Phased Reclamation Plan at their cost.

22. It is therefore, proposed that the proposal may be placed before the Forest Advisory Committee (FAC) during its next meeting for its consideration and appropriate recommendations.
