



भारत सरकार / Government of India  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय / Ministry of Environment, Forest and Climate Change  
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No.5-ORA141/2011-BHU

15<sup>th</sup> December, 2022

To

The Addl. Director General of Forests (FC),  
Ministry of Environment, Forest & Climate Change,  
Indira Paryavaran Bhawan,  
Jor Bagh Road, Aliganj,  
New Delhi - 110 003.

Sub: Proposal for diversion of 22.697ha of forest land of Jilling-Langlota Iron Ore Block within total Mining Lease area of 456.100 ha in Keonjhar District of M/s Odisha Mining Corporation Ltd.

Ref: Ministry's letter No.8-49/1998-FC (PT1) dated 05.06.2022.

Sir,

With subject and reference cited above, I am to inform that the site inspection of the above mentioned project was carried out by Smt. Padma Mahanti, DIGF (C) on 16.08.2022. The site inspection report along with compliance of stipulated conditions of final approvals granted by Ministry vide letter dated 17.11.2000 and 08.10.2014 is attached for kind information and necessary action.

Encl: As state above.

Yours faithfully,

  
(A.T. Mishra)

Dy. Director General of Forests (C)

## RECOMMENDATION OF DEPUTY DIRECTOR GENERAL OF FORESTS (CENTRAL)

The proposed site was inspected by Smt. Padma Mahanti, DIGF (C) on 16.08.2022 along with DFO, Keonjhar and representative of User Agency.

As per the site inspection report of the Dy. Inspector General of Forests (Central):

- 1) The applied area is does not form part of any National Park, Wildlife Sanctuary, Biosphere Reserve, Elephant Corridor. Movement elephant in the fringe area is noticed. The applied site falls under Elephant Habitat Zone-2.
- 2) The density of vegetation has been reported to be 0.5 (Eco-Value Class-I). Total 1455 nos. sound trees and 59 un-sound trees have been enumerated over the proposed forest land for diversion.
- 3) During site inspection by DIGF (C), it was found that all the three patches of CA land identified have remnants of shifting cultivation which is common practice in most of the area in Koraput due to high concentration of tribal communities. The C.A. land needs to be made free from encroachment before it is handed over to the Forest Department. The CA land is also adjacent to the Bharatmala Project, which is commencing in the said area, so the Forest Department may take additional precautions in the CA land so as to ensure that the plantations are carried out smoothly and well protected with proper fencing and intensive maintenance.
- 4) The DFO, Koenjhar has reported that Sabik Kisam forest land over 5.76 ha was used as dump and vehicle shed by the earlier lessee i.e. M/s Essel Mining & Industries Ltd. in the absence of the Forest clearance under Section 2(ii) of FC Act, 1980. The same is being continued by the new lessee i.e. M/s OMC Ltd. since March, 2021. The DFO, Keonjhar vide his letter dated 06.11.2021 has moved to Collector with a request to instruct to the Tahasildar, Barbil to take legal action as deemed proper as per prevailing Act and Rules for use of Sabik Kisam forest land without prior approval of the Central Govt. The DIGF (C) has also reported that apart from the reported violation, there is also presence of railway line, office building were also found in the proposed area. A detail report may be sought from the State Govt. on the structures found in the proposed land with legal status and action taken as per prevailing laws and rules.

In view of the above, the proposal may be considered under provisions of FC Act, 1980 subject to compliance of other general conditions and observations made in site inspection report and necessary Penal NPV and Penal C.A. as deem appropriate.

(A.T. Mishra)

Dy. Director General of Forests (Central)

**SITE INSPECTION REPORT IN RESPECT OF PROPOSAL FOR DIVERSION OF 22.697 HA OF FOREST LAND OF JILLING-LANGLOTA IRON ORE BLOCK WITHIN TOTAL MINING LEASE AREA OF 456.100 HA IN KEONJHAR DISTRICT OF M/S ODISHA MINING CORPORATION LIMITED.**

The site inspection of the above project was carried out by the undersigned on 16.08.2022 along with Divisional Forest Officer, Keonjhar.

**1. Legal status of the forest land proposed for diversion:**

The legal status of the 22.697 ha land proposed for diversion is of Sabik Forest land.

**2. Item-wise break-up details of the forest land proposed for diversion.**

The item wise break up of the forest land proposed for diversion is furnished below:

Sl No.	Pattern of utilization	Forest area in ha			
		R.F.	Revenue Forest	Forest as on 25.10.1980	Forest as per DLC
1.	Mining	-	-	7.579	-
2.	Mineral storage	-	-	2.764	-
3.	Infrastructure	-	-	5.052	-
4.	Railways	-	-	0.503	-
5.	Road	-	-	1.937	-
6.	Township area	-	-	2.021	-
7.	Area earmarked for Safety Zone (ML and express highway)	-	-	2.841	-
	Total			<b>22.697</b>	

**3. Whether proposal involves any construction of buildings (including residential) or not. If yes, details thereof:**

No.

**4. Total cost of the project at present rates:**

The cost of project is Rs.4493.60 lakhs.

## **5. Wildlife:**

### **Whether forest area proposed for diversion is important from wildlife point of view or not:**

As reported by the DFO, Keonjhar Forest Division, movement of elephant in the fringe area is noticed. No rare or endangered species are available in the applied area for diversion. *In the letter of Forest, Environment and Climate Change Department, Government of Odisha, it is mentioned that the proposed site falls under Elephant Zone-2.*

## **6. Vegetation:**

As reported, the forest type is 3 C/C2e Moist Peninsular valley Sal as per the Working Plan prescription. As per the enumeration list, floral species found viz. Cassia sappas, Dalbergia sissoo, Shorea robusta, Pterocarpus marsupium, Gmelina arborea, Terminalia tomentosa, Anogeissus latifolia, Mangifera indica, Syzygium cumini, Diospyrus melonoxylon, Bridelia retusa, etc. are present in the proposed diversion forest area.

The average density of vegetation is 0.5.

### **(a) Total number of trees to be felled.**

The DFO, Keonjhar has reported that total 1455 sound trees and 59 unsound trees have been enumerated.

### **Effect of removal of trees on the general ecosystem in the area:**

Removal of trees has impact on the general ecosystem in terms of loss of habitat to fauna, soil and moisture conservation, local climate, etc.

### **(b) Important species:**

Dalbergia sisoo, Tectona grandis, Santalum album, Shorea robusta, Michelia champaca, Gmelina arborea, Terminalia tomentosa, Bridelia retusa, Mangifera indica, Syzygium cumini, Diospyros melanoxyton, Artocarpus integrifolia, etc.

### **Number of trees of girth below 60 cm.**

The number of trees of girth below 60 cm. is 750.

### **Number of trees of girth above 60 cm**

The number of trees of girth above 60 cm. is 705.

## 7. Background note on the proposal:

As reported by the Forest, Environment and Climate Change Department, Government of Odisha, mining lease was executed initially in favour of M/s Lal & Co on 08.10.1956 for a period of 30 years. It was renewed for another 20 years on 21.11.1986 and the RML deed was executed on 30<sup>th</sup> March, 1988. The 1<sup>st</sup> RML period expired on 30.09.2004. As per Section 8 (A) of the MMDR Act, Government of Odisha in Steel and Mines Department extended the validity period of the Mining Lease up to 31.03.2020. Accordingly, the supplementary lease deed was executed on 19<sup>th</sup> February, 2016. Consequently, Jilling-Langlota iron ore mines got expired on 31.03.2020. The mine was put under auction by the State Government and the successful bidder could not comply the terms and conditions as a result of which the State Government recommended for consideration and allocation through reservation (Section 17 A of the MMDR Act) route or any other appropriate provision in favour of OMC Ltd. (Government undertaking company) for a specified period of time to meet the exigencies of the situation where most of the auctioned mines were unable to start operation. Ministry of Mines, Government of India in exercise of the powers conferred Under Section 17 A (2) MMDR Act read with Section 20 A has granted its approval to reserve Jiling-Langalota iron ore mine over 456.100 ha (as per RoR)/456.037 ha (as per DGPS) in favour of OMC Ltd to State Government of Odisha in Keonjhar district for a period of 10 years. The State Government of Odisha in exercise of power conferred by sub-section (2) of MMDR Act reserve Jilling-Langalota iron ore Block in favour of Odisha Mining Corporation Ltd. Vide Notification No.299 dated 11.01.2021 of Department of Steel and Mines, Government of Odisha. The Letter of Intent (LoI) for grant of Mining Lease for iron ore over an area of 456.100 ha (as per RoR)/456.037 ha (as per DGPS) in Keonjhar District in respect of Jilling-Langalota iron ore block has been issued by the Department of Steel and Mines in favour of OMC Limited for a period of 10 years. The mining lease has been executed between the Collector, Keonjhar on behalf of the state of Odisha and Additional General Manager (Geo), T. Basa on behalf of OMC Ltd on 12.01.2021. The OMC has commenced the operation since 28.02.2021 and mining is continuing. The instant proposal is for diversion of 22.697 ha of Sabik Kisam forest land under Section 2 (ii) of FC Act, 1980.

## 8. Compensatory afforestation:

As reported, non forest Government land over 22.797 ha has been identified in village Peteru in three patches situated in hilly slope of Pottangi Tahasil in Koraput district. The details of non Forest land identified in three patches of village Peteru is furnished below:

Name of the Tahasil	Name of the village	Khata No.	Plot No.	Area taken for install proposal for CA (in ac)	Kisam
Pottangi	Peteru	61 (AAA)	310	37.96	Pahad
			410	9.36	Pahad
			495	8.77	Pahad
	Total			56.09 acres or 22.697 ha	

As reported, species proposed for plantation are Jamun (*Syzizium cumini*), Kuruma (*Adina cardifolia*), Dharua (*Anogeissus latifolia*), Khair (*Acacia catechu*), Sissoo (*Dalbergia sissoo*), Neem (*Azadirachta indica*), Gambhar (*Gmelina arborea*), Bahada (*Terminalia belerica*), Harida (*Terminalia chebula*), Karanj (*Pongamia pinnata*), Amla (*Emblica officinalis*), etc.

**(a) Whether land for compensatory afforestation is suitable from plantation and management point of view or not:**

In the report, it is mentioned that the land for compensatory afforestation is suitable from plantation and management point of view. During site inspection, it was found that all the three patches have remnants of shifting cultivation which is common practice in most of the area in Koraput owing high concentration of tribal communities. The CA land has to be made free from all encumbrances and encroachments before it is handed over to the Forest Department. The State Forest Department has to take all necessary steps to protect and preserve the plantation area and also dissuade the local communities from carrying out shifting cultivation in the CA lands by growing those species which can provide alternative source of income and livelihood to the local tribals by working out a usufruct sharing mechanism with local communities around the CA area and organizing them into Van Samrakshyana Samities by the Forest Department and taking all measures to reduce their negative dependency on forests. The CA land is also adjacent to the Bharatmala project, which is commencing in the said area, so the Forest Department may take additional precautions in the CA land so as to ensure that the plantations are carried out smoothly and well protected with proper fencing and intensive maintenance.

**(b) Whether land for compensatory afforestation is free from encroachment/other encumbrances:**

The Tahasildar, Potangi has given certificate of non-encroachment and non-encumbrance in respect of the non-forest Government land jointly inspected for CA over 22.697 ha. However, remnants of shifting cultivation are still found in that area which needs to be looked into by the State Forest Department as well as the Revenue Department.

**(c) Whether land for compensatory afforestation is important from Religious/Archaeological point of view:**

Not reported.

**(d) Land identified for raising compensatory afforestation is in how many patches, whether patches are compact or not:**

Three patches in Peturu village under Pottangi Tahasil of Koraput district has been identified for raising compensatory afforestation.

**(e) Map with details:**

Submitted.

**(f) Total financial outlay:**

The total outlay of the CA is estimated at Rs.2,35,39,600 with maintenance for 10 years has also been approved by the Nodal Officer.

**9. Whether proposal involves violation of Forest (Conservation) Act, 1980 or not. If yes, a detailed report on violation including action taken against the concerned officials:**

Though in the Hal record, the proposed area for diversion was non forest land, the Divisional Forest Officer, Keonjhar Forest Division has reported that Sabik Kisam Forest land over 5.76 ha was used as dump and vehicle shed by the earlier lessee i.e. M/s Essel Mining and Industries Ltd in absence of Forest Clearance u/s 2 (ii) of the FC Act, 1980. The same is being continued by the new lessee i.e. M/s OMC Ltd since March, 2021. The DFO, Keonjhar Forest Division vide his letter No.7856 dated 06.11.2021 has moved to Collector with a request to instruct to the Tahasildar, Barbil to take legal action as deemed proper as per prevailing Act and Rules for use of Sabik Kisam Forest land without prior approval of the Central Government. However, on perusal of DSS records, it is noticed that apart from the reported violation, there is also presence of railway line, office building and perhaps a labour colony as it appears from cluster of houses within the proposed area for diversion along with a road to the OB dump site, which was perhaps undertaken by the previous lessee as evident from the time series imageries. Hence, a detailed report regarding the extent and nature of violation may be obtained from the State Government.

**10. Whether proposal involves rehabilitation of displaced persons. If yes, whether rehabilitation plan has been prepared by the State Government or not:**

The Divisional Forest Officer, Keonjhar has reported that the project does not involve displacement of any human habitation and therefore the Re-settlement and Rehabilitation policy is not applicable.

**11. Reclamation plan:**

A scheme of reclamation and Afforestation has been prepared to reclaim and stabilize the mined out areas.

**Details and financial allocation:**

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**12. Details on catchment and command area under the project:**

Not applicable.

**Catchment area treatment plan to prevent siltation of reservoir:**

Not applicable.

**13. Cost benefit ratio:**

The cost benefit ratio is 1:16114.5.

**14. Recommendations of the Principal Chief Conservator of Forests/State Government:**

The Principal Chief Conservator of Forests and Head of Forest Force, Odisha has recommended the proposal for diversion of 22.607 ha of Forest land (Sabik Kisan).

The OSD-cum-Special Secretary to Government, Forest, Environment and Climate Change Department has recommended the proposal for diversion of 22.607 ha of Forest land (Sabik Kisan).

**15. Recommendations of Additional Principal Chief Conservator of Forests (Central) along with detailed reasons:**

Enclosed.

**16. Conservator of Forests (Central) shall give detailed comments on whether there are any alternative routes/alignment for locating the project on the non-forest land:**

Not applicable.

**17. Utility of the project:**

The project may create employment opportunity for the local people.

**Numbers of Scheduled Caste/Scheduled Tribes to be benefited by the project:**

No direct benefit to the Scheduled Caste/Scheduled Tribes of the project area. But they may get employment through the project.



18.

(a) Whether land being diverted has any socio-cultural/ religious value:

Not reported.

(b) Whether any sacred grove or very old growth trees/forests exist in the areas proposed for diversion:

Not reported.

(c) Whether the land under diversion forms part of any unique eco-system:

Not reported

19. Situation with respect to any Protected Area:

No protected area is situated adjacent to the proposed mining lease area. However, the nearest protected area, Karokarampada Elephant Corridor is located at a distance of about 20 km from the proposed mining lease area.

20. Any other information relating to the project:

1. The user agency shall submit the FRA Certificate under FRA, 2006.
2. The User Agency shall undertake demarcation of the lease area, forest area proposed for diversion and safety zone on the ground at the project cost by erecting 4 feet high reinforced cement concrete pillars each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates.
3. The User Agency shall pay the cost towards cutting, felling, logging and transportation charges of the enumerated trees due to be felled during the course of implementation of the project.
4. Trees should be felled only when it is absolutely necessary and in a phased manner.
5. Safety zone shall be maintained with indigenous species of the area and planted with those species that have been removed during mining area in such manner that in no circumstances it would be used for mining purposes.

*Padma Mahanti*  
15/12/22  
(PADMA MAHANTI)  
DIGF (CENTRAL)

**MONITORING OF THE ACTION ON STIPULATED CONDITIONS IN CASE OF PROPOSALS APPROVED BY THE GOVT. OF INDIA UNDER SECTION 2 OF THE FOREST (CONSERVATION) ACT, 1980.**

The project was monitored by the undersigned on 03.11.2022 and 04.11.2022 accompanied by DFO, Keonjhar Forest Division, Divisional Forest Officer, Anandpur and officials of the user agency were present.

**PART-I**

1.	Name/purpose of the proposal	Diversion of 342.602 ha of forest land (excluding 26.990 ha of forest land of the lease acquired for Daitari-Bansapani Rail-link from within total 369.592 ha of forest land in the lease) for mining and allied activities including 65.108 ha of safety zone in Mining lease area of 456.100 ha of Jilling Langalota Iron and Manganese Mines by M/s Essel Mining and Industries Ltd in Keonjhar district, Orissa in 2 <sup>nd</sup> RML
2.	No. and date of Govt. of India's letter according permission.	Approval granted vide Ministry's letter No.8-49/98-FC dated 17.11.2000
3.	Area permitted to be diverted (in ha.)	342.602 ha
4.	District and Forest Division	Keonjhar Forest Division
5.	Area actually diverted (in ha.)	

**PART- II (DETAILS OF COMPENSATORY AFFORESTATION)**

Compensatory Afforestation had been carried out over 46.38 ha in Talpada and Kundapitha in Keonjhar Forest Division and Badaektali, Basantpur and Asia village in Keonjhar (WL) Division, Anandpur. Penal Compensatory Afforestation of 58.258ha had been undertaken in Patna RF.

**PART- III (PLANTING OF DWARF TREES IN CASE OF TRANSMISSION LINE)**

Not applicable.

**PART - IV (RECLAMATION OF THE AREA WORKED UNDER MINING/ QUARRYING)**

Not reclaimed as of now.

**PART- V (CONDITIONS STIPULATED BY THE GOVT. OF INDIA OTHER THAN MENTIONED ABOVE)**

1. Legal status of forest land shall remain unchanged.

*Being complied.*

2. Compensatory Afforestation over 46.38 ha in five villages, namely, Talpada, Kundapitha, Badektali, Asia and Basantpur in Keonjhar district (which has been transferred and muted in favour of State Forest Department) by State Forest Department at the cost of user agency within a period of two years failing which this permission will be withdrawn. The State Government will declare this land as protected/reserve forest under Indian Forest Act, 1927.

*Complied.*

3. Penal compensatory Afforestation will be raised over 58.258 ha of degraded forest land preferably adjoining to the mining site at the cost of user agency within a period of two years.

*Complied. Penal Compensatory Afforestation has been carried over 58.258 ha.*

4. Minimum number of trees will be felled for this project as and when required and fresh area will be broken up for mining purposes as per the schedule given in approved mining plan.

*Reported to be complied.*

5. Safety zone will be created and maintained at the cost of the user agency and enhancement of plantation over an extent of one and half times of the safety zone area will also be carried out over degraded forest land (adjoining to the site of mining) at the cost of the user agency.

*Reportedly complied. Plantation has been carried out over an extent of one and half times of the Safety Zone over 44.397 ha in Kalapat RF and Telkoi Forest Range.*

6. In first phase this renewal permission will be valid only for two years during which reclamation of mined areas will be taken up by the user agency as per the reclamation plan in time bound manner in consultation with State Forest Department. The progress of reclamation shall be assessed by the Regional Office, Bhubaneswar/State Forest Department within a period of one year and after receipt of the monitoring report further renewal may be considered by this office.

*The reclamation has been carried out in the waste dump area.*

7. The user agency will make arrangement for free supply of fuel wood preferably alternate source of energy to labourers and staff working on the project site so as to avoid any

pressure on the adjacent forest area.

*The user agency has reported that the condition is being complied with.*

8. Demarcation of mining lease area will be done on the ground by RCC pillar at the project cost.

*Complied.*

9. Forest land will not be used for any purpose other than specified in the proposal.

*The user agency has assured to comply with the condition.*

10. Any other condition may be imposed by the State Government or CCF (C), Regional Office in the interest of conservation of flora and fauna in that area.

*Noted.*

**PART – VI (CONDITIONS IMPOSED BY THE STATE GOVT. IN ADDITION TO THE GOVT. OF INDIA'S CONDITIONS AND OTHER STEPS TAKEN TO PRESERVE FOREST, WILDLIFE AND PREVENT SOIL EROSION ETC.**

**PART - VII (MONITORING)**

1.	Whether any committee has been formed for monitoring of the action on conditions stipulated:	No
2.	If no, give reasons. If yes give:	Not known
3.	Details of the committee Reports of the Monitoring committee if any.	Nil

1.	Abstract reports of inspection of Forest Officers, if any:	Nil
2.	Remarks of the CCF in regard to progress of the action on stipulated conditions:	
3.	Effect of the project on forest and Wildlife:	<i>The mining is affecting the health of forest and wildlife adversely due to fragmentation of the forest.</i>

*Padma Mahanti*

(PADMA MAHANTI),  
DEPUTY INSPECTOR GENERAL OF FORESTS (CENTRAL)

**MONITORING OF THE ACTION ON STIPULATED CONDITIONS IN CASE OF PROPOSALS APPROVED BY THE GOVT. OF INDIA UNDER SECTION 2 OF THE FOREST (CONSERVATION) ACT, 1980.**

The project was monitored by the undersigned on 03.11.2022 and 04.11.2022 accompanied by DFO, Keonjhar Forest Division, Divisional Forest Officer, Anandpur and officials of the user agency were present.

**PART-I**

1.	Name/purpose of the proposal	Diversion of 342.602 ha of forest land (excluding 26.990 ha of forest land of the lease acquired for Daitari-Bansapani Rail-link from within total 369.592 ha of forest land in the lease) for mining and allied activities including 65.108 ha of safety zone in Mining lease area of 456.100 ha of Jilling Langalota Iron and Manganese Mines by M/s Essel Mining and Industries Ltd in Keonjhar district, Orissa in 2 <sup>nd</sup> RML
2.	No. and date of Govt. of India's letter according permission.	Letter No.8-49/98-FC (pt.) dated 8 <sup>th</sup> October, 2014
3.	Area permitted to be diverted (in ha.)	342.602 ha
4.	District and Forest Division	Keonjhar Forest Division
5.	Area actually diverted (in ha.)	342.602 ha (Non forest Government land, 45.248 ha, non forest tenant land 41.260 ha (Jilling) total : 456.100 ha

**PART- II (DETAILS OF COMPENSATORY AFFORESTATION)**

Compensatory Afforestation, stipulated over an area of 46.0818 ha of non forest Government land equal in extent to the virgin forest land being diverted during the second renewal of the mining lease comprising of 30.8047 ha in Village Asanbahali under Anandpur Tahasil and 15.2771 ha in Village Lungajhar, has been undertaken Telkoi Tahasil of Keonjhar. The scheme for creation and maintenance of CA has been approved by CCF (FD & Nodal Officer, FCA) with a financial outlay of Rs.1,27,45,000 (Asanbahali-Rs.94,41,000 + Lungajhar Rs.33,04,000). Accordingly, demand notice raised by DFO, Keonjhar and the amount has been deposited by the user agency. The plantation has been raised during 2016-17. The land has been transferred and mutated in favour of the Forest Department.

During monitoring, the CA plantation at Lungajhar, Kundapitha, Talapada, Patna RF (PCA), Nayagarh RF (PCA) in Keonjhar Forest Division and CA plantation at Asanbahali, Bada Ektali, Basantapur and Asia were visited in the Anandpur Forest Division. The following are the observations:

## KEONJHAR FOREST DIVISION:

1. **Talpada CA Plantation:** During the year 2006-07, plantation had been carried out over 12.9079 ha and 20,000 plantation had been carried out. The percentage of survival is 30%. The species planted are Teak, Chakunda, Acacia, Asana, Anla, Karanj, Jamun, etc. In another patch, plantation had been carried out over 4.116 ha and 1234 number of plantations had been carried out.
2. **Lungajhar:** During the year 2006-07, 12.2771 Plantation had been carried out and total number of plantation carried out was 19644 nos. ( @ 1600 Plan/ Ha). The survival Percentage is 60%. Name of species planted are Neem, Teak, Karanja, Sirisa ,Chakunda, Bada Chakunda, Accacia Menzium, Chatian, etc. Plantation has been carried out at another two patches; one in 2ha where 400 plantation had been carried out and 1 ha of ANR plantation had been carried out.
3. **Kundapitha:** During the year 2006-07, 5.1921 ha Plantation had been carried out and total number of plantation carried out was 8231 nos. ( @ 1600 Plant/ ha). Name of species planted are Teak (*Tectona grandis*), Arjuna (*Terminalia arjuna*), Asana (*Terminalia alata*), Karanja (*Pongamia pinnata*), Cashew (*Anacardium occidentale*), etc. The survival Percentage is more than 80%.
4. **Patna RF (PCA) :** During the year 2009-10, plantation had been carried out over 58.258 ha. Model of Plantation ANR@ 300 Plant/ha. 17477 nos of Seedlings Planted. Name of species planted area, Acacia, Simarua, etc. The survival percentage is more than 90%.
5. **Nayagarh RF (PCA) :** Plantation has been carried out over 22.0954 ha. About 4420 plantations had been carried out. Species planted are *Albizia Procera*, *Acacia Auriculiformis*, etc. The percentage of survival is 40%.

## KEONJHAR (WILDLIFE) DIVISION, ANANDAPUR:

6. **Asanabahali:** ANR Plantation had been carried out 1600 Plants/Ha over an area of 30.8047 ha. 7355 number of plantations had been carried out. Name of species planted are Teak (*Tectona grandis*), Arjuna (*Terminalia arjuna*), Asana (*Terminalia alata*), Bamboo, Neem and Mango etc. The percentage of survival is 85 %.
7. **Asia :** 6161 number of plantation had been carried out. The percentage of survival is 70 %. The name of species planted is Teak, Sisso, Simaruba, Cashew, etc.
8. **Badaektali :** Plantation has not been taken up due to non-receipt of fund from higher quarters.
9. **Basantapura :** Plantation has not been taken up due to non-receipt of fund from higher quarters.

Further, PCA was stipulated to be raised on 22.0954 ha of degraded forest land (double the extent of land used in violation i.e. 11.0477 HA). PCA raised at Nayagarh RF in Keonjhar (Sadar Range). PCA scheme over 22.0954 ha has been approved by the Nodal Officer and financial outlay of Rs.28,07,000 has been deposited by the user agency.

**Kalapat RF (1.5 times Safety Zone):** During the year 2009-10, plantation had been carried out over 44.397 ha. Model of Plantation ANR@ 300 Plant/ha. 13319 nos No. of Seedlings Planted. Name of species planted are Acacia, Simarua, Teak, Karanja etc. The survival percentage is more than 70%.

**PART- III (PLANTING OF DWARF TREES IN CASE OF TRANSMISSION LINE)**

Not applicable.

**PART - IV (RECLAMATION OF THE AREA WORKED UNDER MINING/ QUARRYING)**

Not reclaimed as of now.

**PART- V (CONDITIONS STIPULATED BY THE GOVT. OF INDIA OTHER THAN MENTIONED ABOVE)**

The status of compliance of conditions stipulated in the approval letter is furnished below:

- (i) Legal status of the diverted forest land shall remain unchanged;

*Complied.*

- (ii) State Government shall raise and maintain from funds realized from the user agency compensatory Afforestation over 46.0818 ha non forest land equal in extent to the virgin forest land being diverted during the 2<sup>nd</sup> renewal of mining lease transferred and mutated in favour of the State Forest Department.

*Complied.*

*During monitoring, it was observed that plantation has been carried out at Talpada, Lungajhar, Kundapitha, Asanbahali and Asia.*

- (iii) State Government shall create and maintain Penal Compensatory Afforestation over the degraded forest land double in extent to forest land used in violation (i.e. 2 x 11.0477 = 22.0954 ha) from funds already realized from the user agency.

*Complied.*

*State Government has raised and maintained the Penal Compensatory Afforestation over 22.0954 ha of degraded forest land by utilizing the funds deposited by ex-lessee. During site inspection, it was noticed that the Penal Compensatory Afforestation has been taken over 22.0954 ha in Nayagarh RF of Keonjhar.*

- (iv) Following activities shall be undertaken by the user agency at the project cost:
- a. Implementation of scheme containing appropriate mitigative measures to minimize soil erosion and choking of streams duly approved by the Regional Chief Conservator of Forests, Rourkela Circle;  
&
  - b. Planting of adequate drought hardy plant species and sowing of seeds in the appropriate area within the mining lease as per the scheme duly approved by the Regional Chief Conservator of Forests, Rourkela Circle to arrest soil erosion;  
&
  - c. Construction of check dams, retention/toe walls as per the scheme duly approved by the Regional Chief Conservator of Forests, Rourkela Circle to arrest sliding down of the excavated material along the contour;  
&
  - d. Stabilize the overburden dumps by appropriate grading/benching as per the scheme duly approved by the Regional Chief Conservator of Forests, Rourkela Circle so as to ensure that angles of repose at any given place is less than 28 degree and;  
&
  - e. Strict adherence to the prescribed top soil management as per the scheme duly approved by the Regional Chief Conservator of Forests, Rourkela Circle.

*Reportedly complied.*

- (v) The State Government shall realize from the user agency the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India and transfer the same to Ad-hoc CAMPA under intimation to this Ministry;

*As reported by the Divisional Forest Officer, the user agency has deposited a total amount of Rs.27,71,46,750 towards the NPV for 369.592 ha of forest land involved in the mining lease. Further the user agency has deposited the additional NPV amount to Rs.1,01,61,201 for Sabik Kism Forest land over 10.8213 ha in addition to the above 369.592 ha of forest land, as per the demand issued by DFO, Keonjhar vide letter No.3085/6F Mining 272/2018 dated 03.05.2018.*

- (vi) The user agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required.

*Environment Clearance has been granted by the Ministry vide letter No.J-11015/959/2007-IA. II (M) dated 07.06.2012 for production of 6.28 MTPA of iron ore.*

- (vii) State Forest Department shall undertake fencing, protection and Afforestation of the safety zone area (7.5 m strip all along the outer boundary of the area identified to undertake mining) from funds realized from the user agency;

*As reported by the Divisional Forest Officer, the State Forest Department has undertaken fencing, protection and Afforestation of the safety zone area.*



- (viii) The period of diversion of the said forest land under this approval shall be for a period co-terminus with the period of the mining lease to be renewed under the Mines and Minerals (Development and Regulation) Act, 1957, or Rules framed there under, subject to a maximum period of 20 years. This approval shall be valid subject to possession of a valid mining lease in accordance with the provisions of the Mines and Minerals (Development and Regulation) Act, 1957 and rules framed there-under;

*Mining lease has been granted by Steel and Mines Department vide order No.338/SM dated 11.01.2021 in respect of Jilling-Langalota iron ore mine Mining lease deed has been executed on 11.01.2021 for a period of 10 years.*

- (ix) User agency shall undertake gap planting and soil and moisture conservation activities as per the scheme duly approved by the Regional Chief Conservator of Forests, Rourkela Circle to restock and rejuvenate the degraded open forests (having crown density less than 0.4), if any, located in the area within 100 m from outer perimeter of the mining lease;

*As reported by the Divisional Forest Officer, Keonjhar, gap plantation and soil and moisture conservation activities had been undertaken.*

- (x) The user agency shall undertake de-silting of the village tanks and other water bodies located within 5 km from the mine lease boundary as per the scheme duly approved by the Regional Chief Conservator of Forests, Rourkela Circle so as to mitigate the impact of siltation of such tanks/water bodies, whenever required;

*The user agency has undertaken de-silting of the village tanks and other water bodies within 5 km from the mine lease boundary as per the scheme approved by the RCCCF, Rourkela (photographs attached).*

- (xi) The user agency shall undertake mining in a phased manner after taking due care for reclamation of the mined over area. The concurrent reclamation plan shall be executed by the user agency from the very first year, and an annual report on implementation thereof shall be submitted to the Nodal Officer, Forest (Conservation) Act, 1980, Government of Orissa and the Additional Principal Chief Conservator of Forests (Central), Ministry of Environment, Forests, Regional Office (Eastern Zone), Bhubaneswar. If it is found from the annual report that the activities indicated in the concurrent reclamation plan are not being executed by the user agency, the Nodal Officer or the Additional Principal Chief Conservator of Forests (Central) may direct that the mining activities shall remain suspended till such time, such reclamation activities are satisfactorily executed;

*As reported by the user agency, mining is being carried out in a phased manner as per the mining plan. It was reported that reclamation will be carried out as per the progressive Mine Closure Plan. The user agency has assured to submit an annual report on implementation of concurrent reclamation plan (as per approved mine plan).*

- (xii) No labour camp shall be established on the forest land;

*There appears to be a labour colony by the ex lessee. It needs to be clarified.*

- (xiii) The user agency shall provide alternate fuel to the labourers and the staff working at the site so as to avoid any damage and pressure on the adjacent forest areas;

*Complied.*

*As reported by the user agency, the labourers and staff working at the site are coming from nearby area. So, there will be no pressure on the adjacent forest land for collection of fuel wood. The user agency has assured to provide alternate fuel to the labourers and staff working at the site, if required in future.*

- (xiv) The boundary of the mining lease and safety zone shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar;

*Complied.*

*The boundary of the mining lease and safety zone has been demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar (Photographs attached).*

- (xv) The forest land shall not be used for any purpose other than that specified in the proposal;

*Complied.*

- (xvi) Any other condition that concerned Regional Office of this Ministry may stipulate from time to time, in the interest of conservation, protection and development of forests and wildlife;

*Noted.*

- (xvii) User agency shall submit annual report on compliance to conditions stipulated in this approval to the State Government and concerned Regional Office of this Ministry;

*The condition is being complied with. The user agency is submitting annual report on the compliance to the conditions stipulated in this approval letter.*

- (xviii) The user agency and the State Government shall ensure compliance to provisions of all Acts, Rules, Regulations and guidelines, for the time being in force, as applicable to the project.

*The user agency has assured to comply with the provisions of all Acts, Rules, Regulations and guidelines, for the time being in force, as applicable to the project.*

Besides this the Odisha Forest and Environment Department has stipulated 5 conditions vide letter No.6168 dated 10<sup>th</sup> April, 2015, which are furnished below:

- i. They shall publish the entire forest clearance granted in verbatim along with conditions and safeguards imposed by Central Government in Stage-I/II forest clearance in two widely circulated daily newspaper, one in vernacular language and the other in English language so as to make people aware of the permission granted to the project for use of forest land for non forest purpose.

*Complied.*

*The user agency has reported to have published in Odiya daily 'The samaya' and in 'The New Indian Express' on 24.05.2015 regarding information on grant of Forest Clearance.*

- ii. They shall submit the copies of the forest clearance orders granted by the Central Government/State Government to the heads of local bodies and municipal bodies along with the relevant offices of the State Government, who in turn shall display the same 30 days from the date of receipt.

*Complied.*

*The user agency has submitted copies of clearance orders to Gram Panchayat, Jajang, Block Development Officer, Joda, Forest Range Officer, Champua, Tahasildar, Barbil, Deputy Director (Mines), Joda, Regional Officer, SPCB, Keonjhar, Sub Collector, Champua.*

- iii. Detailed action taken in compliance to the above order of the State Government shall be intimated to the DFO, Keonjhar/RCCF, Rourkela/PCCF, Odisha/F&E Department for reference.

*The user agency has reported that the concerned authorities have been informed.*

- iv. The user agency is also asked to deposit the NPV of forest land for this project and for any other project belonging to them in full, if not deposited yet, at applicable rates.

*The user agency has reported that they have deposited the required NPV as and when demanded by the Forest Department for all their projects.*

- v. The user agency shall furnish compliance to the conditions described in the forest/wildlife clearance to the DFO of Keonjhar Forest Division in every quarter for the purpose of monitoring by them.

*A Site Specific Wildlife Management Plan has been prepared and a copy has been submitted to this office.*

**PART - VI (CONDITIONS IMPOSED BY THE STATE GOVT. IN ADDITION TO THE GOVT. OF INDIA'S CONDITIONS AND OTHER STEPS TAKEN TO PRESERVE FOREST, WILDLIFE AND PREVENT SOIL EROSION ETC.**

Nil

**PART - VII (MONITORING)**

1.	Whether any committee has been formed for monitoring of the action on conditions stipulated:	No
2.	If no, give reasons. If yes give:	Not known
3.	Details of the committee Reports of the Monitoring committee if any.	Nil

1.	Abstract reports of inspection of Forest Officers, if any:	Nil
2.	Remarks of the CCF in regard to progress of the action on stipulated conditions:	
3.	Effect of the project on forest and Wildlife:	<i>The mining is affecting the health of forest and wildlife adversely due to fragmentation of the forest.</i>

*Padma Mahanti*

(PADMA MAHANTI),  
DEPUTY INSPECTOR GENERAL OF FORESTS (CENTRAL)

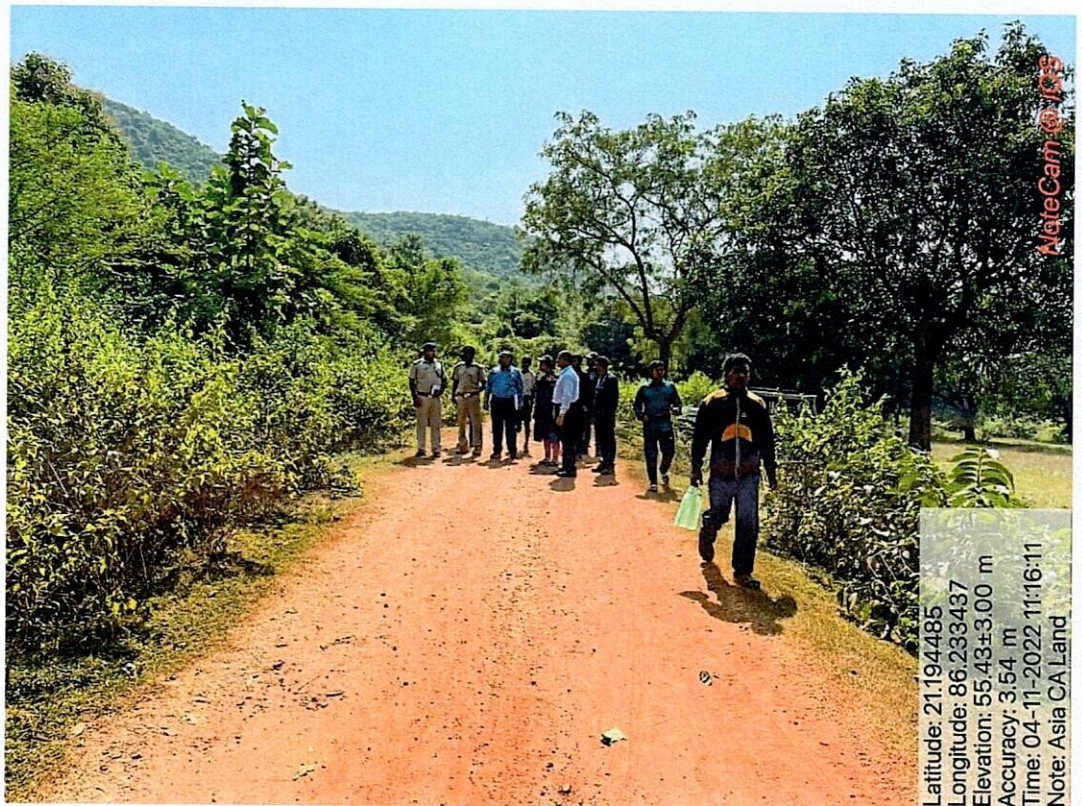
**Compensatory Afforestation site at Asanabahali over 30.8047 ha in Keonjhar (WL) Division pertaining to Jiling Langalota Iron Ore Mines of OMC Ltd.**





Latitude: 21.240896  
Longitude: 85.969661  
Elevation: 157.32±3.45 m  
Accuracy: 4.68 m  
Time: 29-10-2022 16:20:54

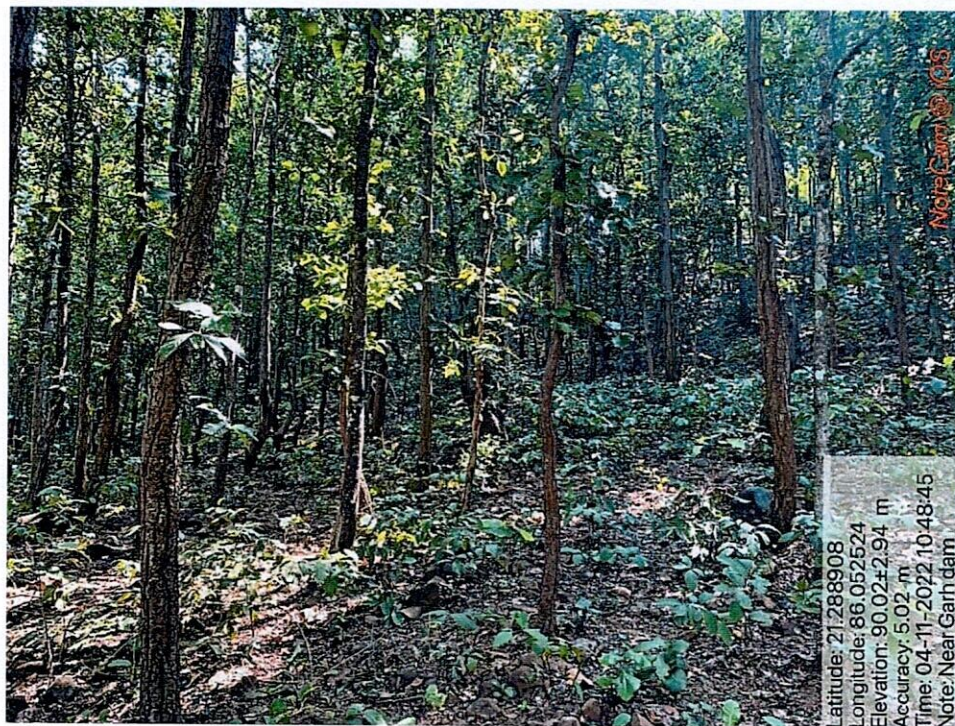
**Compensatory Afforestation site at Asia over 4.5972 ha in Keonjhar (WL) Division pertaining to Jilling Langalota Iron Ore Mines of OMC Ltd.**







Compensatory Afforestation site at Badaektali over 11.141 ha in Keonjhar (WL) Division pertaining to Jiling Langalota Iron Ore Mines of OMC Ltd.

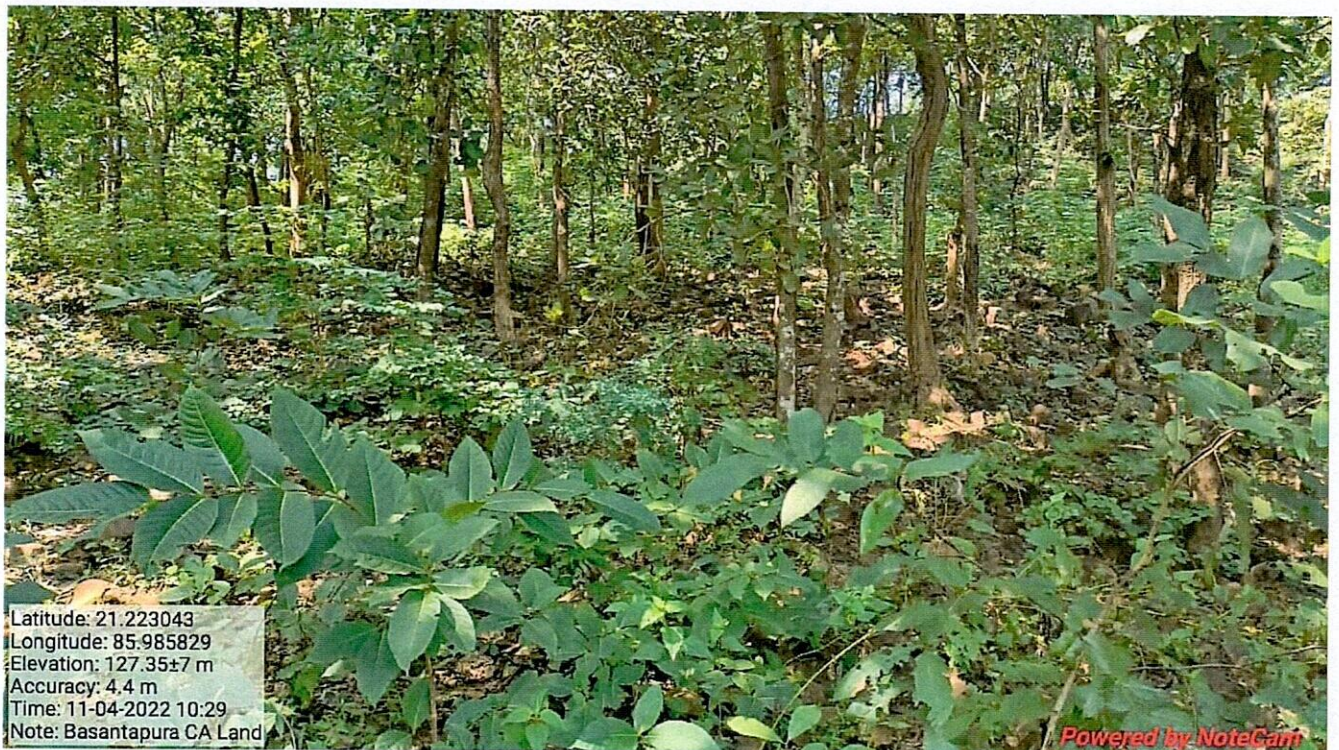




Latitude: 21.296865  
Longitude: 86.051919  
Elevation: 82.71±3.45 m  
Accuracy: 4.68 m  
Time: 04-11-2022 09:09:20  
Note: Badektali CA Land Verification

NoteCam @ IOS

**Compensatory Afforestation site at Basantapura over 8.4134 ha in Keonjhar (WL) Division  
pertaining to Jilling Langalota Iron Ore Mines of OMC Ltd.**

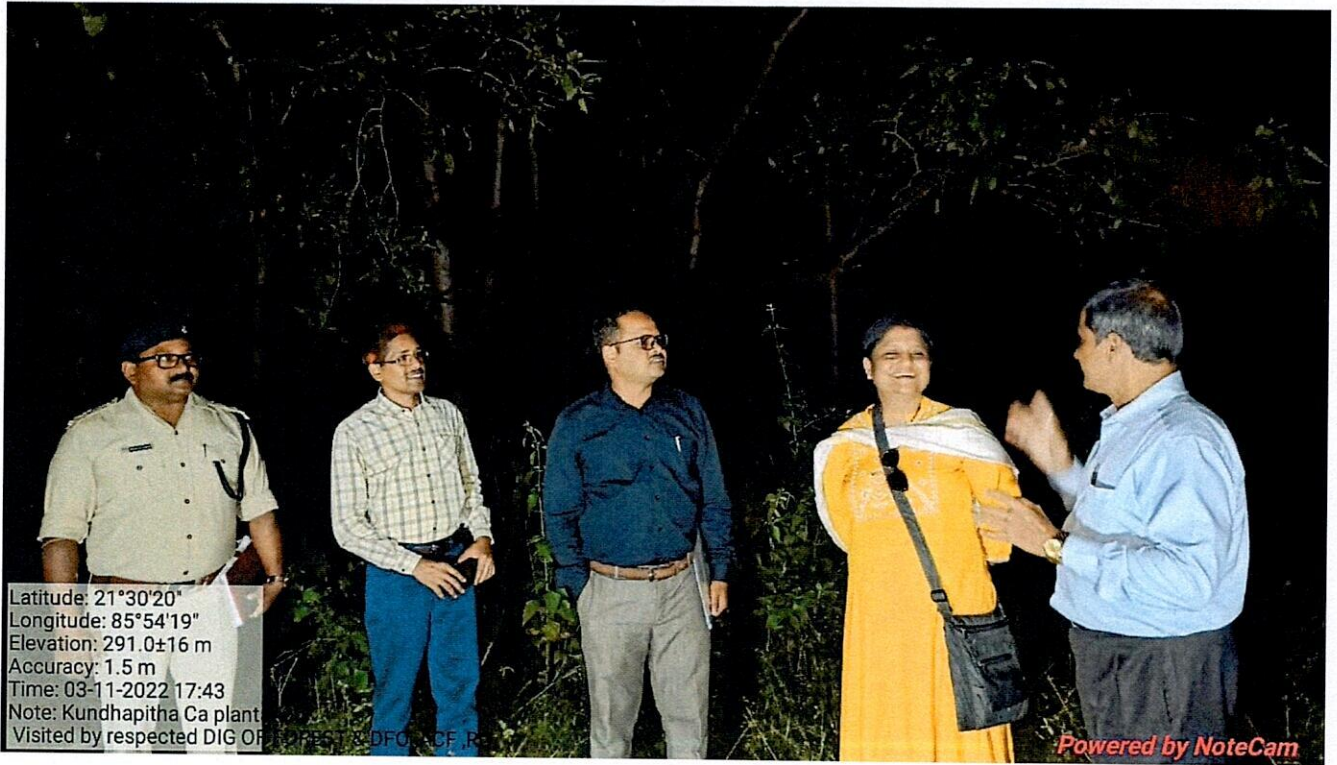




Latitude: 21.221042  
Longitude: 85.985694  
Elevation: 125.33±15 m  
Accuracy: 7.4 m  
Time: 11-04-2022 10:39  
Note: Basantapura CA Land

Powered by Notepad

**Compensatory Afforestation site at Kundapitha over 5.1921 ha in Keonjhar Division pertaining to Jilling Langalota Iron Ore Mines of OMC Ltd.**



**Compensatory Afforestation site at Lungajhar over 15.2771 in Keonjhar Division pertaining to Jilling Langalota Iron Ore Mines of OMC Ltd.**



**Compensatory Afforestation site at Talapada over 17.0175 ha in Keonjhar Division pertaining to Jilling Lanagalota Iron Ore Mines of OMC Ltd.**







**Penal Compensatory Afforestation site at Nayaragh RF over 22.0954 in Keonjhar Division  
pertaining to Jilling Langalota Iron Ore Mines of OMC Ltd.**





Latitude: 21.780497  
Longitude: 85.469769  
Elevation: 508.13±14 m  
Accuracy: 7.3 m  
Time: 04-11-2022 14:28

Note: CA PLANTATION NAYAGARH RF(2016-17) ANR@200 Plant/ha, JILLING LONG LOTA M/S ESSEL 22 0954 Ha

Powered by NoteCam



Latitude: 21.779164  
Longitude: 85.47115  
Elevation: 511.14±40 m  
Accuracy: 47.1 m  
Time: 04-11-2022 14:47

Note: CA PLANTATION NAYAGARH RF(2016-17) ANR@200 Plant/ha, JILLING LONG LOTA M/S ESSEL 22 0954 Ha

Powered by NoteCam





Latitude: 21°46'45"N  
Longitude: 85°28'16"E  
Elevation: 530.5±12 m  
Accuracy: 35.1 m  
Time: 04-11-2022 14:47  
Note: CA plantation nayagarh, RR 2016-17 in Palaspanga Section

Powered by NoteCam

**Penal Compensatory Afforestation site at Patna RF over 58.258 ha in Keonjhar Division pertaining to Jilling Langalota Iron Ore Mines of OMC Ltd.**





**1.5 times Safety zone plantation site at Kalapat RF over 44.397 ha in Keonjhar Division pertaining to Jilling Langalota Iron Ore Mines of OMC Ltd.**





Latitude: 21°20'11"  
Longitude: 85°31'33"  
Elevation: 205.79±96 m  
Accuracy: 14.7 m  
Time: 03-11-2022 14:31  
Note: CA Plantation of JILLING LANGLATA Iron mines 2009-10 at Kalapat RF

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Latitude: 21°20'2"  
Longitude: 85°31'36"  
Elevation: 205.49±100 m  
Accuracy: 6.8 m  
Time: 03-11-2022 14:19  
Note: CA Plantation of JILLING LANGLATA Iron mines 2009-10 at Kalapat RF

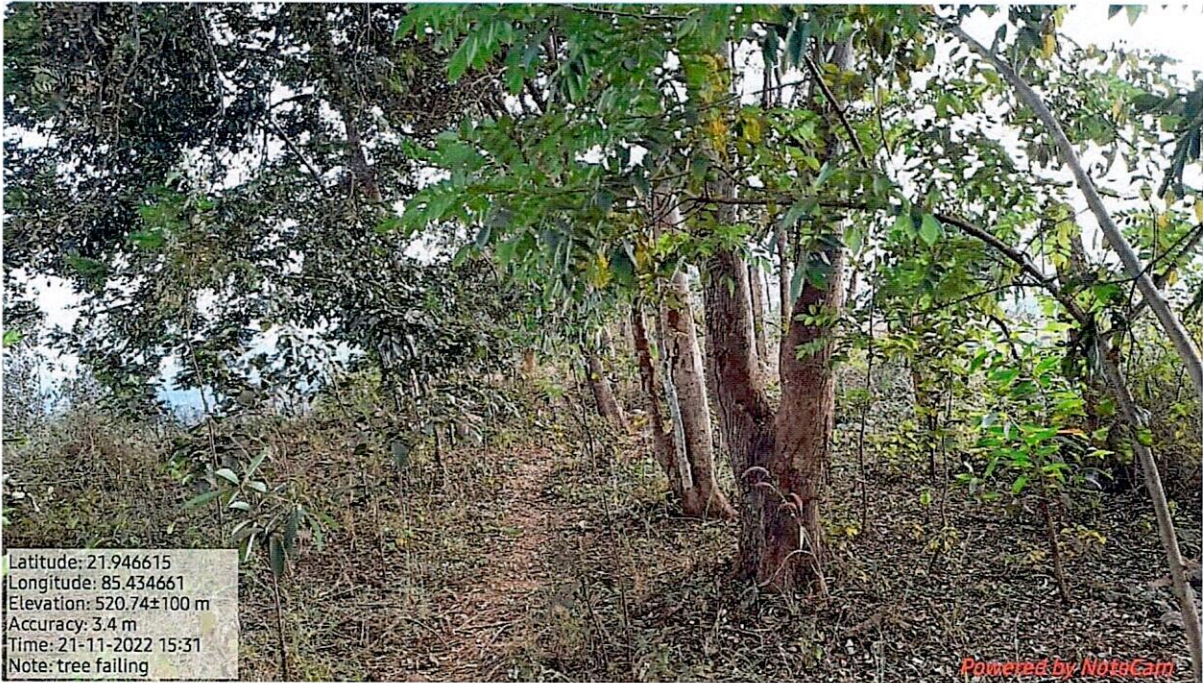
Powered by NoteCam



**Photographs of the Boundary pillars within the Jilling Langalota Iron Ore Mines OMC Ltd.**

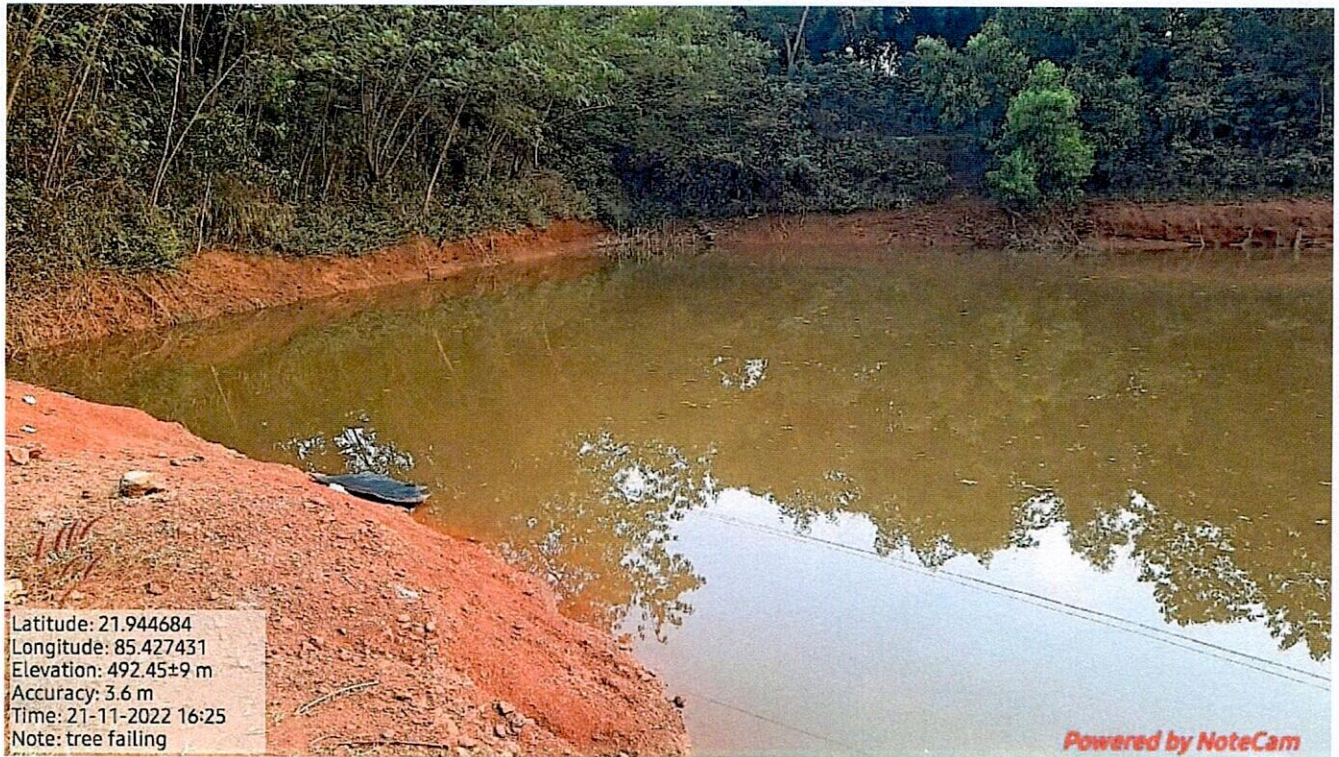


**Photographs of the Safety zone showing plantation within the Jilling Langalota Iron Ore Mines OMC Ltd.**



**Photographs showing desilting of village ponds pertaining to jilling Langalota Iron Ore Mines**





Latitude: 21.944684  
Longitude: 85.427431  
Elevation: 492.45±9 m  
Accuracy: 3.6 m  
Time: 21-11-2022 16:25  
Note: tree falling

Powered by NoteCam

### Desilting of Dalko Nalla within the Jilling Langlota Iron Ore Mines



Latitude: 21.956242  
Longitude: 85.42806  
Elevation: 473.73±100 m  
Accuracy: 3.2 m  
Time: 21-11-2022 15:42  
Note: tree falling

Powered by NoteCam

Photographs showing plantation within 100 meter outer perimeter of the ML Area

