

Ref. No. AMNS/SLURRY PIPELINE/2024/33

Date: 21st Sept, 2024

To,

The Divisional Forest Office

Keonjhar Forest Division

Keonjhar, Odisha

Sub: Compliance of conditions stipulated in respect to diversion of 16.463 ha. of Forest land (12.649 ha. in Keonjhar Division and 3.814 ha. in Bonai Division) for laying of 20" Dia. dual pipelines (Slurry & Water), Power and Communication cable from Kalamang Ghoraburani-Sagasahi Iron Ore Mine, Koira Tahasil, Sundargarh District to Beneficiation Plant at Dubuna under Barbil Tahasil of Keonjhar District of M/s ArcelorMittal Nippon Steel India Limited (Formerly known as M/s Essar Steel India Limited)

Ref:- 1. Stage-I approval accorded vide Letter No.5- ORC496/2022-BHU dt.25.01.2022 & 27.01.2022 of the MoEF &CC, IRO, Bhubaneswar.
2. Our submitted compliance letter dated 4th March, 2022.
3. Your letter No. 12128/Mining-10/2016 dated 23rd October, 2023.

Dear Sir,

With reference to the above-cited subject, we would like to inform you that AMNSIL, the User Agency had already submitted the **Stage-I** compliance report to your good office on dated 4th March, 2022 except the few conditions like conditions **No. A(ii), A(vii) & A(x)**. We are submitting the balance compliance report for your kind consideration and necessary actions. Point-wise balances compliance with conditions stipulated against the Diversion of 16.463 ha. of forest land. Details are as mentioned below:

No.	Stipulations in Stage-I Approval	Compliance
i.	The user agency shall transfer online, the Net Present Value (NPV) of 16.463 ha forest land being diverted under this proposal, as per the Orders of Hon'ble Supreme Court of India dated 28.03.2008, 24.04.2008 and 09.05.2008 in Writ Petition (Civil) No.202/1995 and the guidelines issued by this Ministry vide its letter No.5-3/2007-FC dated 05.02.2009. The requisite funds shall be transferred through online portal in CAMPA account of the State concerned.	As per the demanded note given by the Divisional Forest Officer, Bonai Forest Division, Bonai (₹ 54,79,459/-) & Divisional Forest Officer, Keonjhar Forest Division, Keonjhar (₹ 1,81,72,439/-) regarding NPV of the forest land diverted under this proposal an amount totaling ₹ 2,36,51,898.00 (Two Crore Thirty-Six Lakh Fifty-One Thousand Eight Hundred and Ninety-Eight Rupees Only) has been deposited in the State CAMPA fund, vide Challan/UTR No.- SBINR52022031572584486 Dated- 14.03.2022. A Copy of the demand letters and payment details RTGS slips are enclosed as Annexure-01 series.



ii.	The identified non-forest land of 16.466 ha for raising compensatory afforestation shall be transferred and mutated in the name of forest Department and notified as RF/PF prior to Stage-II approval.	The identified non-forest land of 16.466 ha for raising compensatory afforestation has been transferred and mutated in the name of the Forest Department and already notified as PF. <i>The copy of the RoR and PF Notification are enclosed as Annexure- 02 series.</i>
iii.	The land identified for the purpose of Compensatory Afforestation /Addl. C.A. shall be clearly depicted on a Survey of India Topo sheet of 1: 50,000 scale.	The land identified for the purpose of Compensatory Afforestation /Addl. C.A. has been clearly depicted on a Survey of India Topo sheet of 1: 50,000 scale. <i>The copy of the map is enclosed as, Annexure- 03 series.</i>
iv.	The KML files of the area to be diverted and the CA/Addl. CA areas shall be uploaded on the e-Green watch portal with all requisite details before issuing working permission towards linear projects or submitting compliance report for seeking Stage- II approval, as the case may be.	The KML files of the area to be diverted and the CA/Addl. CA areas have already been uploaded to the PARIVESH portal and submitted to your office along with the proposal. The same can be uploaded on the e-Green watch portal by an Authorised official of the State Govt. only. We request you to take the necessary action in this regard.
v.	The user agency shall transfer the cost of raising and maintaining the compensatory afforestation at the current wage rate in consultation with State Forest Department in the account of CAMPA of the concerned State through online portal. The Scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years.	As per demanded note given by the Divisional Forest Officer, Keonjhar Forest Division cost of raising and maintaining the compensatory afforestation at the current wage rate amounting ₹ 1,93,00,600.00 (One Crore Ninety-Three Lakh Six Thousand Rupees Only.) has been deposited in CAMPA account vide Challan UTR No. SBINR52022022869561257 Dated- 23.02.2022. <i>Copy of the demand letter, and payment details of RTGS slip are enclosed as Annexure-05 series.</i>
vi.	All the funds received from the user agency under the project shall be transferred/deposited in the CAMPA account only through e-portal (https://parivesh.tic.in/). The amount deposited through other modes will not be accepted as compliance of the Stage-I clearance.	As per instruction we have deposited/ transferred the NPV, Cost of raising Compensatory Afforestation & Addl. Compensatory afforestation amounts through NEFT directly to the State CAMPA fund. <i>Deposited payment details of the RTGS slip are enclosed as Annexure-01 & 05 series.</i>
vii.	The cost of the felling of trees shall be deposited by the user agency with the State Forest Department. The user agency shall explore the possibility of successful transplantation of maximum number of trees identified to be felled and shall ensure that any tree felling shall be done only when it is unavoidable and that too under the strict supervision of the State Forest Department.	We explored the maximum possibility during the detailed tree Enumeration work. We found there are 49 Nos. of trees that can be successfully transplanted from one location to another location. <i>The details of the tree transplantation report are enclosed as Annexure-7 ✓</i>
viii.	The compliance report of the Stage-I approval shall be uploaded on e-portal (https://parivesh.nic.in/).	It has been uploaded on the e-portal (https://parivesh.nic.in/).



ix.	The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificates from the concerned District Collector.	The Collector, Keonjhar has issued a Certificate under FRA, 2006 over an area of 12.650 ha forest land vide their letter No.2064, dated 15.12.2017. <i>A copy of the FRA certificates is enclosed as Annexure-08 series.</i>
x.	The boundary of the proposed forest land for diversion, shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates.	The boundary of the proposed forest land for diversion had been demarcated on the ground at the cost of the project, by erected four feet high reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar, and GPS Co-ordinates. <i>Reports are enclosed as Annexure-09</i>
B: Conditions which need to be strictly complied on field after handing over of forest land to the user agency by the State Forest Department but the compliance in form of undertaking.		
i.	Legal status of forest land proposed for diversion shall remain unchanged.	The necessary undertaking is enclosed as Sl. No. B.(i) of Annexure-10.
ii.	Compensatory afforestation shall be raised over 16.466 ha of non-forest land identified in Plot No.502 & 503(P) of Khata No.67 (AAA) of village Podadihi of Banspal Tahasil under Keonjhar District within three years from the date of Stage-II Clearance and maintained thereafter by the State Forest Department, at the cost of user agency.	As per demanded note given by the Divisional Forest Officer, Bonai Forest Division, Bonai (₹ 54,79,459/-) & Divisional Forest Officer, Keonjhar Forest Division, Keonjhar (₹ 1,81,72,439/-) regarding NPV of the forest land diverted under this proposal an amount totaling ₹ 2,36,51,898.00 (Two Crore Thirty-Six Lakh Fifty-One Thousand Eight Hundred and Ninety-Eight Rupees Only) has been deposited in State CAMPA fund, vide Challan /UTR No.- SBINR52022031572584486 Dated- 14.03.2022. <i>A Copy of the demand letters and payment details RTGS slips are enclosed as Annexure-01 series.</i>
iii.	Addl. Compensatory afforestation shall be raised over 40.00 ha of degraded forest land identified in Kalapat RF under Telkoi Range of Keonjhar Forest Division within three years from the date of Stage-II Clearance and maintained thereafter by the State Forest Department, at the cost of user agency.	Additional Compensatory afforestation Scheme over 40.00 ha of degraded forest land identified in Kalapat RF under Telkoi Range of Keonjhar Forest Division with a maintenance period of 03 years has been technically approved with a total financial outlay of ₹ 81,44,900/- and as per demand letter issued vide this office letter No.1352 dated 19.02.2022, we have deposited ₹ 81,44,900/- in Orissa CAMPA through online vide UTR No. SBINR52022022869561257 dated 23.02.2022. <i>Copy of the demand letter, and payment details of RTGS slip are enclosed as Annexure-05 series.</i>
iv.	The species to be planted in the CA/Addl. CA scheme shall be of native species (same species felled as far as possible) avoiding Teak and exotic species. At least 18-month- old seedlings should be planted. Intensive monitoring of the plantation needs to be done and documented using Geo tagging so that the increase of canopy density and survival and growth of plantation can be evaluated at regular intervals.	We agree to this, and necessary assistance shall be provided to the Forest Department as per the approved CA/Addl. CA scheme.



v.	At the time of payment of Net Present Value (NPV) at the then prevailing rate, the user agency shall furnish an undertaking to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India.	The necessary undertaking is enclosed as Annexure-10.
vi.	As proposed by the State Govt. the slurry, water, power, and communication cables shall be laid minimum 1.0 meter below the ground with 1-meter width and after laying down of the pipeline the ground will be leveled.	
vii.	Laying of Pipeline should be done simultaneously with the digging of trench.	
viii.	The user agency shall obtain Environmental Clearance as per the provisions of Environment (Protection) Act, 1980, if applicable.	Not Applicable as this is a linear project.
ix.	The user agency shall take adequate safety measures for accidental leakage of slurry, water, power, and communication cable pipelines.	The necessary undertaking is enclosed as Annexure-10.
x.	The user agency implements intensive Soil & Moisture Conservation measures along both sides of the proposed pipeline corridor passing through forest area at project cost.	
xi.	No labour camp shall be established on the forest land and the user agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas.	
xii.	No additional or new path will be constructed inside the forest area for any activity related to the project work.	
xiii.	The user agency while executing works shall not fell any tree or damage forest growth in the surrounding forest area in any manner.	
xiv.	The layout plan of the proposed forest land shall not be changed without the prior approval of the Ministry of Environment, Forest & Climate Change.	
xv.	The forest land shall not be used for any purpose other than that specified in the proposal.	
xvi.	The forest land proposed to be diverted shall under no circumstances be transferred to any other user agency, Department, or person without the prior approval of the Ministry of Environment, Forest & Climate Change.	





xvii.	No damage to the flora and fauna of the adjoining area shall be caused.	The necessary undertaking is enclosed as Annexure-10.
xviii.	The concerned Divisional Forest Officer, will monitor and take necessary mitigative measures to ensure that there is no adverse impact on the forests in the surrounding area.	
xix.	The user agency shall submit annual self-monitoring report on compliance of stipulated conditions to the Nodal Officer (FCA) of the State and concerned Integrated Regional Office of this Ministry by the end of March every Year.	
xx.	Any other conditions that the Ministry of Environment, Forests & Climate Change may Impose from time to time in the interest of afforestation, conservation, and management of flora and fauna in the area, shall be complied by the user agency.	
xxi.	The State Govt. and user agency shall ensure Compliance to provisions of all Acts, Rules, Regulations, Guidelines, NGT Order (s) & Hon'ble Court Order (s) pertaining to this Project, if any, for the time being in force, as applicable to the project.	

It is therefore requested to kindly examine the above compliances in respect to the conditions stipulated in the grant order of Stage-I FC pertaining to diversion of 16.463 ha. of Forest land (12.649 ha. in Keonjhar Division and 3.814 ha. in Bonai Division) for laying of 20" Dia. dual pipelines (Slurry & Water), Power and Communication cable from Kalamang Ghoraburani-Sagasahi Iron Ore Mine, Koira Tahasil, Sundargarh District to Beneficiation Plant at Dubuna under Barbil Tahasil of Keonjhar District of M/s ArcelorMittal Nippon Steel India Limited (Formerly known as M/s Essar Steel India Limited) and recommend to higher-ups for grant of Stage-II Forest Clearance to execute this Project.

Thanking you,


Yours sincerely

For and on behalf of ArcelorMittal Nippon Steel India Limited



Authorized Signatory

Annexure-1

AGENCY COPY

यूनियन बैंक ऑफ इंडिया  **Union Bank of India**

यूनियन बैंक ऑफ इंडिया Union Bank of India

यूनियन बैंक ऑफ इंडिया Union Bank of India

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 14-03-2022

Agency Name.	Essar Steel India Limited
Application No.	19923166532
MoEF/SG File No.	5-ORC496/2022-BHU
Location.	ORRISA
Address.	Udaya Bata, Paradeep-754142, Dist- Jagatsinghpur Jagatsinghpur
Amount(in Rs)	23651898/-


Amount in Words : Two Crore Thirty-Six Lakh Fifty-One Thousand Eight Hundred and Ninety-Eight Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	UBIN0903710
Pay to Account No.	1508219923166532 Valid only for this challan amount.
Bank Name & Address:	Union Bank Of India Lodhi Complex Branch, Block 11, CGO Complex, Phase I, Lodhi Road, New Delhi -110003

• This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

BANK COPY

यूनियन बैंक ऑफ इंडिया  **Union Bank of India**

यूनियन बैंक ऑफ इंडिया Union Bank of India

यूनियन बैंक ऑफ इंडिया Union Bank of India

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Pay to Account No.	1508219923166532 Valid only for this challan amount.
Bank Name & Address:	Union Bank Of India Lodhi Complex Branch, Block 11, CGO Complex, Phase I, Lodhi Road, New Delhi -110003

• This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

After making successful payment, User Agencies may send a line of confirmation through Email: helpdeskcampa@corpbank.co.in

Note: After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date to Email: cb0371@unionbankofindia.com

SBINR52022031572584486.





OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION

Phone No- 06766-254315, email ID- dfo.keonjhar@odisha.gov.in

No. 1396 /Mining- 10/2016

Dated, Keonjhar, the 22-02, 2022

To

The Authorized Signatory,
M/s ArcelorMittal Nippon Steel India Limited
(formerly known as Essar Steel India Limited),
Udayabata, Paradip, Jagatsinghpur, PIN- 754142

Sub: Diversion of 16.463 ha of forest land (12.649 ha in Keonjhar Division and 3.814 ha in Bonai Division) for laying of 20" dia pipelines (Slurry and Water), Power and communication cables from Kalmang Ghorburuni – Sagasahi Block, Koira Tahasil, Sundergarh District to beneficiation plant at Dubuna under Barbil Tahasil of Keonjhar District by M/s ArcelorMittal Nippon Steel India Limited (formerly known as Essar Steel India Limited)

X-Sub: **Demand of funds towards Net Present Value (NPV) over 12.649 ha. Forest land coming under Keonjhar Division.**

Ref: F. No. 5-ORC496/2022-BHU dt. 25.01.2022 and F. No. 5-ORC496/2022-BHU dt. 27.01.2022 of Govt. of India, MoEF&CC, IRO, Bhubaneswar

Sir,

In compliance to the condition No. 2.A(i) of the Stage-I approval order dated 25.01.2022 of MoEF&CC, Govt. of India, IRO, Bhubaneswar, you are requested to deposit an amount of **Rs. 1,81,72,439/- (Rupees one crore eighty-one lakh seventy-two thousand four hundred thirty-nine)** only towards Net Present Value (NPV) over 12.649 ha forest land coming under Keonjhar Division at the rate of Rs. 14,36,670/- per ha (Eco value Class- I, Canopy Density- 0.5) as per revised rate fixed by MoEF&CC, Govt. of India vide F. No. 5-3/2011-FC (Vol-I) dated 06.01.2022 & F. No. 5-3/2011-FC (Vol-I) dated 19.01.2022 and Site Inspection Report of the undersigned dated 10.12.2020. The above demanded amount has to be deposited in Orissa CAMPA Account only through e-portal (<https://parivesh.nic.in/>) within 30 days from the date of issue of this letter and the proof/evidence of the deposit of fund be submitted to this office for further necessary action at this end.

Yours faithfully,


Divisional Forest Officer,
Keonjhar Division.

Memo No. 1397 / Dated. 22-02-2022

Copy forwarded to the Divisional Forest Officer, Bonai Division for information and necessary action.


Divisional Forest Officer,
Keonjhar Division.

Memo No. 1398 / Dated. 22-02-2022

Copy forwarded to the Regional Chief Conservator of Forests, Rourkela Circle, Rourkela/ Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests & HoFF, Odisha, Bhubaneswar for favour of kind information and necessary action.


Divisional Forest Officer,
Keonjhar Division.



ବନଖଣ୍ଡ ଅଧିକାରୀଙ୍କ କାର୍ଯ୍ୟାଳୟ: ବଣାଇଁ ବନଖଣ୍ଡ I

OFFICE OF THE DIVISIONAL FOREST OFFICER: BONAI DIVISION.

Phone / Fax – 06626-244434: E-mail

At- dfobonai.od@gov.inNo. 1502 /6F-(Mg.) Dt: 19.2 .2022

To

The Authorized Signatory,
M/s Arcelor Mittal Nippon Steel India Ltd.
Formerly Essar Steel India Ltd.), Udayabata, Paradip,
Jagatsinghpur, PIN-754142, Odisha.

Sub: -

Diversion of 16.463 ha. of forest land (12.649 ha. in Keonjhar Division and 3.814 ha. in Bonai Division) for laying of 20" dia dual pipelines (Slurry & Water), Power and communication cable from Kalmang Ghoraburani-Segasahi Block, Koira Tehil, Sundargarh District to Beneficiation plant at Dubuna under Barbil Tehsil of Keonjhar District of M/s ArcelorMittal Nippon Steel India Limited (Formerly known as M/s ESSAR Steel India Ltd.).

X-Sub:-

Stage-I approval accorded vide Letter No.5-ORC496/2022-BHU dt.25.1.2022 of the MoEF & CC, IRO, Bhubaneswar.

Ref:-

1. Letter No.5-ORC496/2022-BHU dt.25.1.2022 of the MoEF & CC, IRO, Bhubaneswar.
2. Letter No.5-ORC496/2022-BHU dt.27.1.2022 of the MoEF & CC, IRO, Bhubaneswar.
3. Letter No.2903/FE & CC dt.8.2.2022 of the FE & CC Deptt. addressed to the PCCF, Odisha, and copy endorsed to the subsequent memo.
4. Memo No.2735 dt.10.2.2022 of the PCCF (FD & No FC Act), Bhubaneswar.

Sir,

Enclosed, please find herewith a copy of Letter No.5-ORC496/2022-BHU dt.25.1.2022 of the MoEF & CC, Integrated Regional Office, Bhubaneswar, in which Stage-I approval has accorded by MoEF & CC for diversion of 16.463 ha. of forest land (12.649 ha. in Keonjhar Division and 3.814 ha. in Bonai Division) in favour of M/s ArcelorMittal Nippon Steel India Limited (Formerly known as M/s ESSAR Steel India Ltd.) for laying of 20" dia dual pipelines (Slurry & Water), Power and communication cable from Kalmang Ghoraburani-Segasahi Block, Koira Tehil, Sundargarh District to Beneficiation plant at Dubuna under Barbil Tehsil of Keonjhar District along with copy of Letter No.2903/FE & CC dt.8.2.2022 of the Forest, Environment & Climate Change Deptt. Govt. of Odisha, Bhubaneswar.

You are requested to comply with all the Conditions along with compliance of NGT orders and submit your point-wise compliance for onward transmission to the Govt. at the earliest.

Further, you are requested to prepare necessary Schemes with the help of Range Officer, Koira Range and submit the same to this office for approval as prescribed in Condition No.B (x) of the Stage-I approval.

The User Agency is requested to deposit the following amount through e-portal of MoEF & CC as provided in the <http://parivesh.nic.in>, and submit the original proof with seal and signature of the issuing Bank to this office for needful.

1. The User Agency is requested to deposit ₹ 54,79,459/- (₹ 14,36,670/- (X) 3.814 ha.) (Rupees Fifty Four Lakh Seventy Nine Thousand Four Hundred Fifty Nine) only towards Net Present Value (NPV) as per Condition No.A. (i) of the Stage-I approval order within 30 days from the issue of this Letter.

Encl :- As above

Yours faithfully,


Divisional Forest Officer,
Bonai Division.

Memo No. 1503 /6F-Dt: 19.2.2022

Copy forwarded to the Principal Chief Conservator of Forests, Forest Diversion & Nodal Officer, F.C. Act' O/O the P.C.C.F., Odisha Bhubaneswar for favour of kind information and necessary action.


Divisional Forest Officer,
Bonai Division.

Memo No. 1504 /6F-Dt: 19.2.2022

Copy forwarded to the Regional Chief Conservator of Forests, Rourkela Circle, Rourkela for favour of kind information with reference and necessary action.


Divisional Forest Officer,
Bonai Division.

Memo No. 1505 /6F-Dt: 19.2.2022

Copy forwarded to the Collector, Sundargarh for favour of kind information with reference and necessary action.


Divisional Forest Officer,
Bonai Division.

Memo No. 1506 /6F-Dt: 19.2.2022

Copy forwarded to the Range Officer, Koira Range for information and necessary action.

He is instructed to inspect the site and submit his report regarding compliance of Condition No.A. (x), and B. (i), (vi), (ix), (xi), (xii), (xiii), (xiv), (xv), (xvi), (xvii), (xviii), (xix), and (xxi) of the Stage-I approval Order **Copy of the Stage-I approval Letter is enclosed herewith.**


Divisional Forest Officer,
Bonai Division.

OFFICE OF THE TAHASILDAR, BANSPAL

No. 1765 /Rev.dated 21 /07/2023

To

The Divisional Forest Officer, Keonjhar Division.

Sub:- Alienation of non forest Government land for compensatory afforestation-
Submission of R.O.R. thereof.Ref:- Memo No.855/Rev. Dt.03.04.2023 of the Addl. District Magistrate,
Keonjhar.

Sir,

In inviting a reference to the letter on the subject cited above, I am to say that the Collector, Keonjhar has been please to sanction the following schedule of land in alienation case No.03/2022 vide District Office Order No. 853/Rev. Dated 03.04.2023 and communicated to you vide District Office memo under reference.

LAND SCHEDULE

Name of the Village	Khata No.	Plot No.	Total Area (in Hc.)	Area (in Hc.)	Kisam
Podadihi	67 (AAA)	502	8.1000	8.1000	Parbat-I
		503 (P)	9.0000	8.3660	Parbat-I
Total			17.1000	16.4660	

As per order of the Collector, Keonjhar, the said land is meant for compensatory afforestation and will be exclusively used for the purpose for which it is alienated within 3years, and all precautionary steps may be taken to keep it free from encroachment failing which the said land will be reverted to Government Khata.

Further, I am to inform you that as one R.O.R. exist in respect of Mouza- Padadihi in Bhulekh software data in the name of State Forest Department, the below noted plots were included and R.O.R. prepared accordingly vide Khata No.1/1.

Name of the Village	Khata No.	Plot No.	Total Area (in Hc.)	Area (in Hc.)	Kisam
Podadihi	67 (AAA)	502	8.1000	8.1000	Parbat-I
		503/741	8.3660	8.3660	Parbat-I
Total			16.4660	16.4660	

The receipt of the R.O.R. bearing No.1/1 in respect of Mouza- Podadihi may kindly be acknowledged.

Encl: As above

Yours faithfully,

Kausik Patra
21/07/23TAHASILDAR, BANSPAL
(Contd..P/2..)ROR
Received
21/07/23

Memo No. 1766 /Rev.dated 21 /07/2023

Copy forwarded to the Addl.District Magistrate, Keonjhar for favour of kind information and necessary action with reference to District Office Memo No.858/Rev. Dt.03.04.2023

Kaushik Pattnaik
21/07/23.
TAHASILDAR, BANSPAL

Memo No. 1767 /Rev.dated 21 /07/2023

Copy forwarded to the Sub-Collector, Keonjhar for favour of kind information and necessary action with reference to District Office Memo No.856/Rev. Dt.03.04.2023

Kaushik Pattnaik
21/07/23.
TAHASILDAR, BANSPAL

Memo No. 1768 /Rev.dated 21 /07/2023

Copy forwarded to M/s Authorised Signatory, M/s Arcelor Mittal Nippon Steel India Ltd. (Formerly Known as M/s Easser India Ltd.) Udayabata, Paradeep-Jagatsinghpur-7547142 for information and necessary action with reference to District Office Memo No.857/Rev. Dt.03.04.2023

Kaushik Pattnaik
21/07/23.
TAHASILDAR, BANSPAL

Memo No. 1769 /Rev.dated 21 /07/2023

Copy to Revenue Inspector, Upar Raigoda for information and necessary action. She is directed to hand over possession of the aforementioned land to authorised Official of the Divisional Forest Officer, Keonjhar Division and report compliance.

Kaushik Pattnaik
21/07/23.
TAHASILDAR, BANSPAL

Schedule I Form No.39-A

ଖତିୟାନ

ମୌଜା : ପୋଡ଼ାଡ଼ିହି

ଥାନା : ନୟାକୋଟ

ଥାନା ନମ୍ବର : 55

ଖତିୟାନର କ୍ରମିକ ନଂ : 1/1

ତହସିଲ : ବାଂଶପାଳ

ତହସିଲ ନମ୍ବର : 05

ଜିଲ୍ଲା : କେନ୍ଦୁଝର

ଜମିଦାରଙ୍କ ନାମ ଓ
ଖେଡ଼ାଟ ବା ଖତିୟାନର
କ୍ରମିକ ନମ୍ବର

ଓଡ଼ିଶା ସରକାର ପ୍ରଥମ ଭାଗ ଖେଡ଼ାଟ ନମ୍ବର 1

୧) ଖତିୟାନର କ୍ରମିକ ନଂ

1/1

୨) ପ୍ରଜାର ନାମ, ପିତାର
ନାମ, ଜାତି ଓ ବାସସ୍ଥାନ

ରାଜ୍ୟ ଜଙ୍ଗଲ ଓ ପରିବେଶ ବିଭାଗ, ଓଡ଼ିଶା ।

୩) ସ୍ୱତ୍ୱ

୪) ବେଢା

ଜଳକର	ଖଜଣା	ସେସ	ନିଷ୍କାର ସେସ ଓ ଅନ୍ୟାନ୍ୟ ସେସ ଯଦି କିଛି ଥାଏ	ମୋଟ	୫) କ୍ରମବର୍ଦ୍ଧନଶୀଳ ଖଜଣାର ବିବରଣୀ
	0.00	0.00	0.00	0.00	

୬) ବିଶେଷ ଅନୁସଙ୍ଗ
ଯଦି କିଛି ଥାଏ

Alienation Case No. 2/2019 ହୁ.ମୁ. ପ୍ଲଟ ନଂ 329/730 ରକବା ହେ 15.2000, ପ୍ଲଟ ନଂ 361/731 ରକବା ହେ 2.4000, ପ୍ଲଟ ନଂ 499/732 ରକବା ହେ 18.0400, ପ୍ଲଟ ନଂ 500/733 ରକବା ହେ 13.5380, ପ୍ଲଟ ନଂ 501 ରକବା ହେ 15.2600, ପ୍ଲଟ ନଂ 537/734 ରକବା ହେ 3.6000, ପ୍ଲଟ ନଂ 538 ରକବା ହେ 12.7800, ପ୍ଲଟ ନଂ 539 ରକବା ହେ 14.5190, ପ୍ଲଟ ନଂ 565 ରକବା ହେ 16.8000, ପ୍ଲଟ ନଂ 566/735 ରକବା ହେ 8.7010 ଖା.ଖା. 66 ରୁ । Alienation Case No. 1/2020 ହୁ.ମୁ. ପ୍ଲଟ ନଂ 329/736 ରକବା ହେ 11.0000, ପ୍ଲଟ ନଂ 519 ରକବା ହେ 11.8000 ଖା.ଖା. 66 ରୁ । Alienation Case No. 02/2022 (ଦା.ଖା କେଶ ନଂ 5684/2022) ହୁ.ମୁ ପ୍ଲଟ ନଂ 503 ରୁ ରକବା ହେ 0.5400, ପ୍ଲଟ ନଂ 504 ରୁ ରକବା ହେ 5.0000, ପ୍ଲଟ ନଂ 505 ରୁ ରକବା ହେ 7.1880 ଖା.ଦା.ଖା 67 ରୁ । Alienation Case No. 3/2022 (ଦା.ଖା କେଶ ନଂ 2090/2023) ହୁ.ମୁ ପ୍ଲଟ ନଂ 502 ରକବା ହେ 8.1000, ପ୍ଲଟ ନଂ 503 ରୁ ରକବା ହେ 8.3660 ଖା.ଖା 67 ରୁ ।

BLANK SPACE FOR STAMPING

ଅତିମ ପ୍ରକାଶନ ତାରିଖ :

ଖଜଣା ଧାର୍ଯ୍ୟ ତାରିଖ :

ରାଷ୍ଟ୍ରୀୟ ସ୍ୱତନ୍ତ୍ର ବିଜ୍ଞାନ କେନ୍ଦ୍ର, ଓଡ଼ିଶା



ADDL. TAHASILDAR
BANSPAL

17/07/2023

ଖତିୟାନର କ୍ରମିକ ନଂ : 1/1		ମୌଜା : ପୋଡ଼ାଡ଼ିହି			ଗିଲା : କେନ୍ଦୁଝର	
ପୁର ନମ୍ବର ଓ ଚକର ନାମ	କିସମ ଓ ପୁରର ଖଜଣା	କିସମର ବିସ୍ତାରିତ ବିବରଣୀ ଓ ଚୌହଦି	ରକବା			ମତବ୍ୟ
			ଏକର	ଡ଼ି	ହେକ୍ଟର	
୭	୮	୯	୧୦		୧୧	୧୨
329/730	ପର୍ବତ ଏକ		37	560	15.2000	Rev.Misc. Case No. 4/2019 ହୁ.ମୁ. ପୁର ନଂ 329/730 ରକବା ହେ 15.2000 ଖା.ଖା. 67 ରୁ ।
361/731	ପର୍ବତ ଏକ		5	930	2.4000	Rev.Misc. Case No. 4/2019 ହୁ.ମୁ. ପୁର ନଂ 361/731 ରକବା ହେ 2.4000 ଖା.ଖା. 67 ରୁ ।
499/732	ପର୍ବତ ଏକ		44	570	18.0400	Rev.Misc. Case No. 4/2019 ହୁ.ମୁ. ପୁର ନଂ 499/732 ରକବା ହେ 18.0400 ଖା.ଖା. 67 ରୁ ।
500/733	ପର୍ବତ ଦୁଇ		33	450	13.5380	Rev.Misc. Case No. 4/2019 ହୁ.ମୁ. ପୁର ନଂ 500/733 ରକବା ହେ 13.5380 ଖା.ଖା. 67 ରୁ ।
537/734	ପର୍ବତ ଦୁଇ		8	895	3.6000	Rev.Misc. Case No. 4/2019 ହୁ.ମୁ. ପୁର ନଂ 537/734 ରକବା ହେ 3.6000 ଖା.ଖା. 67 ରୁ ।
566/735	ପର୍ବତ ଦୁଇ		21	500	8.7010	Rev.Misc. Case No. 4/2019 ହୁ.ମୁ. ପୁର ନଂ 566/735 ରକବା ହେ 8.7010 ଖା.ଖା. 67 ରୁ ।
501	ପର୍ବତ ଏକ		37	700	15.2600	Rev.Misc. Case No. 4/2019 ହୁ.ମୁ. ପୁର ନଂ 501 ରକବା ହେ 16.2600 ଖା.ଖା. 67 ରୁ ।
538	ପର୍ବତ ଏକ		31	580	12.7800	Rev.Misc. Case No. 4/2019 ହୁ.ମୁ. ପୁର ନଂ 538 ରକବା ହେ 12.7800 ଖା.ଖା. 67 ରୁ ।
539	ପର୍ବତ ଏକ		35	870	14.5190	Rev.Misc. Case No. 4/2019 ହୁ.ମୁ. ପୁର ନଂ 539 ରକବା ହେ 14.5190 ଖା.ଖା. 67 ରୁ ।
565	ପର୍ବତ ଏକ		41	510	16.8000	Rev.Misc. Case No. 4/2019 ହୁ.ମୁ. ପୁର ନଂ 565 ରକବା ହେ 16.8000 ଖା.ଖା. 67 ରୁ ।
329/736	ପର୍ବତ ଏକ		27	1816	11.0000	
519	ପର୍ବତ ଏକ		29	1584	11.8000	
503/738	ପର୍ବତ ଏକ		1	3344	0.5400	
504/739	ପର୍ବତ ଏକ		12	355	5.0000	
505/740	ପର୍ବତ ଏକ		17	701	7.1880	
502	ପର୍ବତ ଏକ		20	015	8.1000	

503/741	ପର୍ବତ ଏକ		20672	8.3660	
17 ପୃଷ୍ଠା			4270424	172.8320	

ADDL. TAHASILDAR
BANS PAL

ଭାରତୀୟ ସ୍ୱତନ୍ତ୍ରତା ବିଜ୍ଞାନ କେନ୍ଦ୍ର, ଓଡ଼ିଶା

ମୁଦ୍ରାଣ କରାଯାଇଛି (ସମ୍ପୂର୍ଣ୍ଣ)

17/07/2023

The Odisha Gazette

EXTRAORDINARY
PUBLISHED BY AUTHORITY

No. 2721 CUTTACK, WEDNESDAY, NOVEMBER 29, 2023/MARGASIRA 8, 1945

FOREST, ENVIRONMENT & CLIMATE CHANGE DEPARTMENT NOTIFICATION

The 22nd November 2023

S.R.O. No. 805/2023—In exercise of the powers conferred under Section 33 of the Odisha Forest Act, 1972 (Odisha Act 14 of 1972), the State Government do hereby declare that the following land situated in Village Podadihi under Banspal Tahasil of Keonjhar District mutated and transferred in favour of Forest, Environment & Climate Change Department for raising Compensatory Afforestation thereon against the proposed diversion of 16.463 ha of forest land (12.649 ha under Keonjhar Division and 3.814 ha in Bonai Division) for laying of 20" dia dual pipelines (slurry and water), power & communication cables from Kalmang Ghoraburuni-Sagasahi Block, Koira Tahasil, Sudargarh District to beneficiation plant at Dubuna under Barbil Tahasil of Keonjhar District by M/s Arcelor Mittal Nippon Steel Limited (Formerly known as M/s Essar Steel India Ltd.) vide 'Stage-I/ in-principle' approval of Government of India, Ministry of Environment, Forests & Climate Change, IRO, Bhubaneswar communicated in Letter No. 5-ORC496/2022-BHU, dated the 25th January 2022 under Section 2 of the Forest (Conservation) Act, 1980, the limits of which are specified below and the area of which is 16.4660 ha (40.6870 Ac.) shall be 'Protected Forest' with effect from the date of issue of the Notification and shall be known as "Podadihi Protected Forest":—

Forest Block :

Name of the Protected Forest	:	Podadihi
Area in ha	:	16.4660
Area in Acres	:	40.6870
Name of the Village	:	Podadihi
Name of the Police Station	:	Nayakote
Name of the Tahasil	:	Banspal
Name of the Subdivision	:	Keonjhar (Sadar)
Name of the District	:	Keonjhar

LAND SCHEDULE

Village	Khata No.	Plot No.	Kissam	Area in Ac.	Boundary Description			
					North	South	East	West
Podadihi	1/1	502	Parbat-I	20.0150	Plot No. 503/741	Boundary of village Jaldiha & Badakuda	Boundary of village Podadihi Sheet No. 4	Plot No. 501
		503/741		20.6720	Balance Plot No. 503	Plot No. 502	Boundary of village Podadihi Sheet No. 4	Plot No. 501

Total : 40.6870 Ac. or 16.4660 ha

[No. 24350—FE-DIV-FLD-0170/2021-{10F(Cons.)-106/2021}-FE&CC.]

By order of the Governor

SATYABRATA SAHU

Additional Chief Secretary to Government

GOVERNMENT OF ODISHA
FOREST, ENVIRONMENT & CLIMATE CHANGE DEPARTMENT

NOTIFICATION

Bhubaneswar, dated the 22.11.23

No.FE-DIV-FLD-0170-2021-{10F-(Cons)-106/2021}- 24350 /FE&CC, In exercise of the powers conferred under Section-33 of the Odisha Forest Act, 1972 (Odisha Act 14 of 1972), the State Government do hereby declare that the following land situated in Village- **Podadihi** under Banspal Tahasil of Keonjhar District mutated and transferred in favour of Forest, Environment & Climate Change Department for raising Compensatory Afforestation thereon against the proposed diversion of 16.463 ha of forest land (12.649 ha under Keonjhar Division and 3.814 ha in Bonai Division) for laying of 20" dia dual pipelines (slurry and water), Power and communication cables from Kalmang Ghoraburuni-Sagasahi Block, Koira Tahasil, Sundargarh District to Beneficiation plant at Dubuna under Barbil Tahasil of Keonjhar District by M/s Arcelor Mittal Nippon Steel Limited (Formerly known as M/s Essar Steel India Ltd) vide 'Stage-I/ in-principle' approval of Government of India, MoEF&CC, IRO, Bhubaneswar communicated in letter No.5-ORC496/2022-BHU, dt.25.01.2022 under Section-2 of the Forest (Conservation) Act, 1980, the limits of which are specified below and the area of which is 16.4660 Ha (40.6870 Ac) shall be Protected Forest with effect from the date of issue of the Notification and shall be known as "**Podadihi Protected Forest**".

Forest Block:

Name of the Protected Forest	:	Podadihi
Area in Ha	:	16.4660
Area in Acres	:	40.6870
Name of the Village	:	Podadihi
Name of the Police Station	:	Nayakote
Name of the Tahasil	:	Banspal
Name of the Sub-Division	:	Keonjhar (Sadar)
Name of the District	:	Keonjhar

Land Schedule:

Village	Khata No.	Plot No.	Kissam	Area in Ac.	Boundary description			
					North	South	East	West
Podadihi	1/1	502	Parbat-I	20.0150	Plot No. 503/ 741	Boundary of village Jaldiha & Badakuda	Boundary of village Podahihi Sheet No.4	Plot No. 501
		503/		20.6720	Balance	Plot No.	Boundary	Plot



		741			Plot No. 503	502	of village Podadihi Sheet No.4	No. 501
Total					40.6870 Ac or 16.4660 ha			

By Order of the Governor

(Satyabrata Sahu)

Additional Chief Secretary to Government

By e-mail: deputydirectorpp@rediffmail.com

Memo No. 24351/FE&CC, Date 22.11.23

Copy with soft copy forwarded to the Director of Printing, Stationery and Publication, Odisha Cuttack for publication in an extra-ordinary issue of the Odisha Gazette and supply 10 copies of printed notification each to Forest, Environment & Climate Change Department/ Director of Land Records and Surveys, Odisha, Cuttack/ Collector, Keonjhar/ Collector, Sundargarh/ Divisional Forest Officer, Keonjhar Forest Division/ Divisional Forest Officer, Bonai Forest Division/ Tahasildar, Banspal Tahasil, Dist.-Keonjhar.

2. The Notification is statutory and may be assigned SRO number.

22/11/2023

OSD-cum-Special Secretary to Government

Memo No. 24352/FE&CC, Date 22.11.23

Copy forwarded to the Assistant Inspector General of Forests, Govt. of India, Ministry of Environment, Forest and Climate Change, (F.C. Division), Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi-110003/ Deputy Director General of Forests (Central), Govt. of India, MoEF & CC, Regional Office, A/3, Chandrasekharapur, Bhubaneswar-23 for information and necessary action.

22/11/2023

OSD-cum-Special Secretary to Government

Memo No. 24353/FE&CC, Date 22.11.23

Copy forwarded to the Revenue & Disaster Management Department/ Steel & Mines Department/ Energy Department/ Director of Land Records and Surveys, Odisha, Cuttack/ R.D.C. (N.D.) Sambalpur/ Collector, Keonjhar/ Collector, Sundargarh/ Tahasildar, Banspal Tahasil, Dist.-Keonjhar for information and necessary action.

22/11/2023

OSD-cum-Special Secretary to Government

Memo No. 24354/FE&CC, Date 22.11.23

Copy forwarded to the Principal Chief Conservator of Forests & HoFF, Odisha/ Principal Chief Conservator of Forests (WL) & CWLW, Odisha/ Principal Chief Conservator of Forests (FD&NO, FC Act), O/o the PCCF, Odisha w.r.t. his letter No.21185, dt.30.10.2023/ Regional Chief Conservator of Forests, Rourkela Circle/ Divisional Forest Officer, Keonjhar Forest Division/ Divisional Forest Officer, Bonai Forest Division for information and necessary action.

22/11/2023

OSD-cum-Special Secretary to Government

Memo No. 24355/FE&CC, Date 22.11.23

Copy forwarded to the Head State Portal, IT Centre, Odisha Secretariat, Bhubaneswar/ OE (IT) Section, FE&CC Department w.r.t. this Department letter No.21646/F&E dtd.22.11.2016/ 5 spare copies for G.F. for information and necessary action.

OSD-cum-Special Secretary to Government
Memo No. 24356/FE&CC, Date 22.11.23

Copy forwarded to the Authorized Signatory, M/s Arcelor Mittal Nippon Steel India Ltd (Formerly known as Essar Steel India Ltd), Udayabata, Paradip, Jagatsinghpur, Pin-754142 for information and necessary action.

OSD-cum-Special Secretary to Government

No. F45N11

Scale 1:50,000

F45N6 (73G/6)	F45N10 (73G/10)	F45N14 (73G/14)
F45N7 (73G/7)	F45N11 (73G/11)	F45N15 (73G/15)
F45N8 (73G/8)	F45N12 (73G/12)	F45N16 (73G/16)

1 Mayurbhanj, ORISSA

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2010. PRICE ₹ 94/-

CONVENTIONAL SYMBOLS	
Express highway: with toll, with bridge, with distance stone	20
Roads: metalled according to importance	10
Unmetalled road: Can-track, Pack-track with pass, Foot-path	5
Sewer: with track in bed, unlined, Canal	1
Dam: masonry or rock-fill; earthwork, Wall	1
River: dry with water channel; with island & rocks, Tidal river	1
Submerged rocks, Shoal, Swamp, Reeds	1
Wells: lined, unlined, Tube-well, Spring, Tank, Perennial, dry	1
Embankments: road or rail; tank, Broken ground	1
Railways, broad gauge: double, single with station; under construction	1
Railways, other gauges: double, single with station; do.	1
Miscellaneous line or tramway, Kin. Cutting with tunnel	1
Contours with sub-features: Rocky slopes, Cliffs	1
Sand features: (1) flat, (2) sand-hills (dune), (3) dunes (barrier)	1
Towns or Villages: inhabited, deserted, Fort	1
Hill, permanent, temporary, Tower, Antenna	1
Temple, Chhatra, Church, Mosque, Light, Tomb, Grave	1
Lighthouse, Lightship, Buoy, lighted, unlighted, Anchorage	1
Mini View on scale: Grass, Scrub, Bamboo, Other trees	1
Palms: palms, other, Plantain, Coconut, Bamboo, Other trees	1
Areas: cultivated, wooded, Surveyed tree	1
Boundary, international	1
state: demarcated, undemarcated	1
district: subdivided, taluk or tehsil, forest	1
Boundary pillars: surveyed, unlocated	1
Heights, triangulated: station, point, approximate	1
Bench-mark: geodetic: tertiary, canal	1
Post office: Telegraph office, Overhead tank	1
Rail house or inspection bungalow, Circuit house, Police station	1
Camping ground, Forest: reserved, protected	1
Special names: administrative: locality or tribal	1
KIKRI	1
Hospital, Dispensary, Veterinary Hospital / Dispensary	1
Aeroplane, Helipad, Tourist site	1
Power line: with pylons surveyed, with poles unsurveyed	1

NOTES :-

Heights are in metres and above Indian mean sea level.

Contours are approximate.

A relative height, Δ , represents the approximate height, in metres, between the top and bottom of a steep slope.

The exterior boundaries of areas of Reserved or Protected Forests are shown by green lines.

Side-wells are numerous throughout the sheet, only the important ones have been shown.

Hand Pump is shown by

COMPILATION INDEX

A. Compiled from 1:25,000 survey 2005-01.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about $\frac{1}{2}$ West in 2005. (Annual change negligible).

1:50,000

500 m to 1 cm

2 cm to 1 km

3 Kilometres

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact

Director

Orissa Geo-Spatial Data Centre

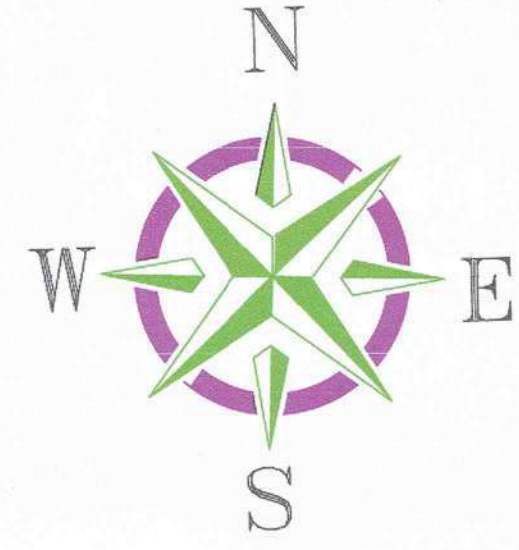
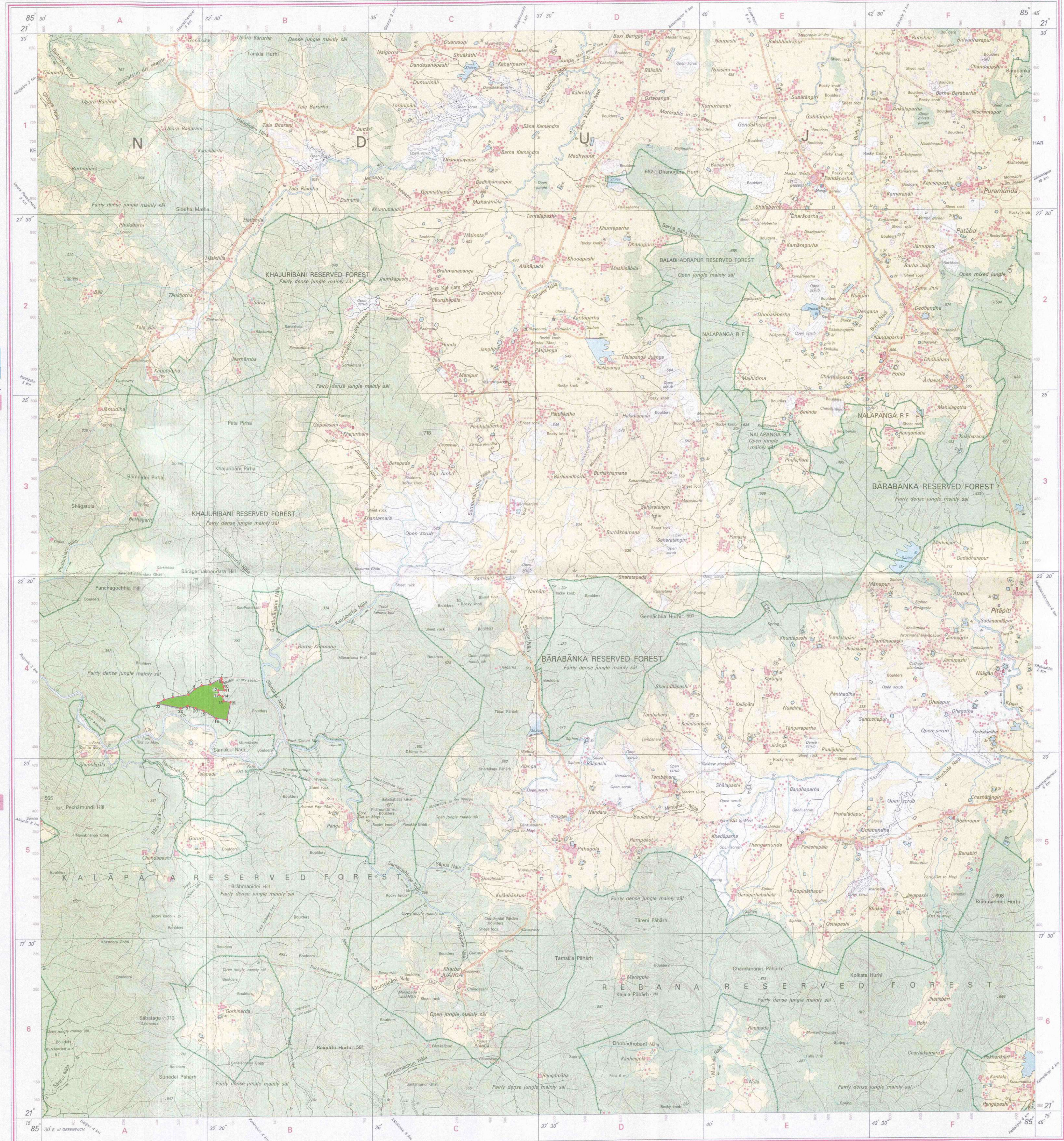
Survey of India

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TOPO MAP SHOWING
DEGRADED FOREST LAND IDENTIFIED IN
KALAPAT R.F UNDER TELKOI FOREST RANGE OVER 40 Ha.
TO ACCOMMODATE BALANCE 16,000 NOS SEEDLINGS FOR
RAISING COMPENSATORY AFFORESTATION
IN RESPECT OF LAYING 20" DUAL PIPELINES (SLURRY & WATER),
POWER AND COMMUNICATION CABLES FROM
KALMANGA GHORBHURHANI-SAGASAHU BLOCK, KOIRA TAHASIL,
SUNDARGARH DISTRICT TO BENEFICIATION PLANT DABUNA UNDER
BARBIL TAHASIL OF KEONJHAR DISTRICT OF
M/s. ARCELORMITTAL NIPPON STEEL INDIA LIMITED
(FORMERLY KNOWN AS ESSAR STEEL INDIA LIMITED)

PILLAR NO.	GPS CO-ORDINATES			LATITUDE			LONGITUDE		
	Degree	Minute	Second	Degree	Minute	Second	Degree	Minute	Second
1	21	20	43	85	32	11			
2	21	20	45	85	32	15			
3	21	20	47	85	32	22			
4	21	20	53	85	32	25			
5	21	20	56	85	32	28			
6	21	20	57	85	32	32			
7	21	21	2	85	32	37			
8	21	21	1	85	32	37			
9	21	20	58.7	85	32	37.3			
10	21	20	54.5	85	32	37.9			
11	21	20	52	85	32	38.3			
12	21	20	52	85	32	35.6			
13	21	20	48.3	85	32	36			
14	21	20	47	85	32	37.6			
15	21	20	43	85	32	38			
16	21	20	42	85	32	41			
17	21	20	32	85	32	40			
18	21	20	33	85	32	35			
19	21	20	35	85	32	29			
20	21	20	36	85	32	25			
21	21	20	37	85	32	21			
22	21	20	37	85	32	16			
23	21	20	40	85	32	8			

INDEX

	CA LAND PILLAR
	CA LAND BOUNDARY
	CA LAND AREA

3-11-2021
Forest Section Officer
Talpada

08-11-2021
Forest Range Officer
Telkoi Range

COUNTERSIGNED
08-11-21
Divisional Forest Officer
Keonjhar Division



निर्जीत के लिए नहीं NOT FOR EXPORT

OPEN SERIES
MAP

No. F45N6

Scale 1:50,000

F45N1 (73G/1) Sundergarh ORISSA	F45N5 (73G/5) Sundergarh ORISSA	F45N9 (73G/9) Sundergarh ORISSA
F45N2 (73G/2) Deogarh ORISSA	F45N6 (73G/6) Keonjhar ORISSA	F45N10 (73G/10) Keonjhar ORISSA
F45N3 (73G/3) Angul ORISSA	F45N7 (73G/7) Angul ORISSA	F45N11 (73G/11) Angul ORISSA

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CONVENTIONAL SYMBOLS

Express highway with toll with bridge with distance stone	...
Roads, metalled, according to importance	...
Roads, double cartageways, according to importance	...
Unmetalled road, cart-track, pack-track and pass, foot-path	...
Drains with track in bed, undefined, Canal	...
Dams, masonry or rock-filled, earthenwork, Well	...
River, dry with water channel, with island & rocks, Tidal river	...
Submerged rocks, Shoal, Swamp, Reeds	...
Wells, lined, unlined, Tube-well, Spring, Tanks, perennial, dry	...
Contour-lines, red or red ink, Brown ground	...
Railways, broad gauge, double, single with station, under construction	...
Railways, other gauges, double, single with distance stone	...
Mineral, line or railway, Kilo, Cutting with tunnel	...
Contours with sub-features, Rocky slopes, Cliffs	...
Sand features, (Shaded) (Sparsely) (Densely) (Stippled)	...
Towns or Villages, inhabited, deserted, Fort	...
Huts, permanent, temporary, Tower, Antiquities	...
Temples, Chhatris, Churches, Mosques, Igloos, Tombs, Graves	...
Lighthouses, Lightships, Buoys, Lighted, unlighted, Anchorage	...
Minas, White on black, Black on white, Other	...
Palms, palm-trees, other, Palms, Conifers, Bamboo, Other trees	...
Areas, cultivated, wooded, Surveyed tree	...
Boundary, international	...
State, demarcation, undemarcated	...
Forest, subdivision, natural or artificial, Forest	...
Boundary, private, surveyed, unsurveyed	...
Height, spot, reduced, spot, point, maximum, minimum	...
Benchmarks, geodetic, levelling, aneroid, BM 633	...
Post office, Telegraph office, Overhead tank	...
Rest house or inspection bungalow, Club house, Police station	...
Camping ground, Forest, reserved, protected	...
Speed names, administrative, locality or tribal	...
Hospital, Dispensary, Veterinary Hospital or Dispensary	...
Aerodrome, Heliport, Tourist site	...
Power line, with pylons surveyed, with poles unsurveyed	...

REFERENCE

1st Edition 2009.

NOTES

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A vertical height, as represented, is the height, in metres, between the top and bottom of a steep slope.
The interrupted heights and contours, in this sheet, have not been adjusted to the heights of the spot-levelled land-marks, and may not be strictly in accordance with them.
Unmetalled roads, in this sheet, are generally metalled in dry season.
Important buildings are shown in black.
Road Pump is shown that

COMPILED INDEX

A. Compiled from 1:25,000 survey 1979-79. Updated for major details during 2000-05.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1° West in 2005.

1:50,000

500 m to 1 cm 2 cm to 1 km

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact

Director
Orissa Geo-Spatial Data Centre
Survey of India
Survey Bhawan, PO - R R Laboratory
Bhubaneswar 751013.
Fax : 0674 - 230416

ERSITE - www.surveyofindia.gov.in

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Agency.

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PLATE-16



SCALE - 1:50,000

THE MAP SHOWING THE NON FOREST
GOVT. LAND OVER 16.466Ha
IDENTIFIED IN VILLAGE
PODADIHI UNDER BANSPAL TAHASIL
IN LIEU OF DIVERSION OF FOREST
LAND INVOLVED IN PROPOSED
SLURRY & WATER PIPELINES, POWER
& COMMUNICATION CABLES FROM
KALAMANGA TO DUBUNA IN FAVOUR
OF M/S. ESSAR STEEL INDIA LTD FOR
AFFORESTATION IN KEONJHAR DIST.

CA LAND

COUNTERSIGNED

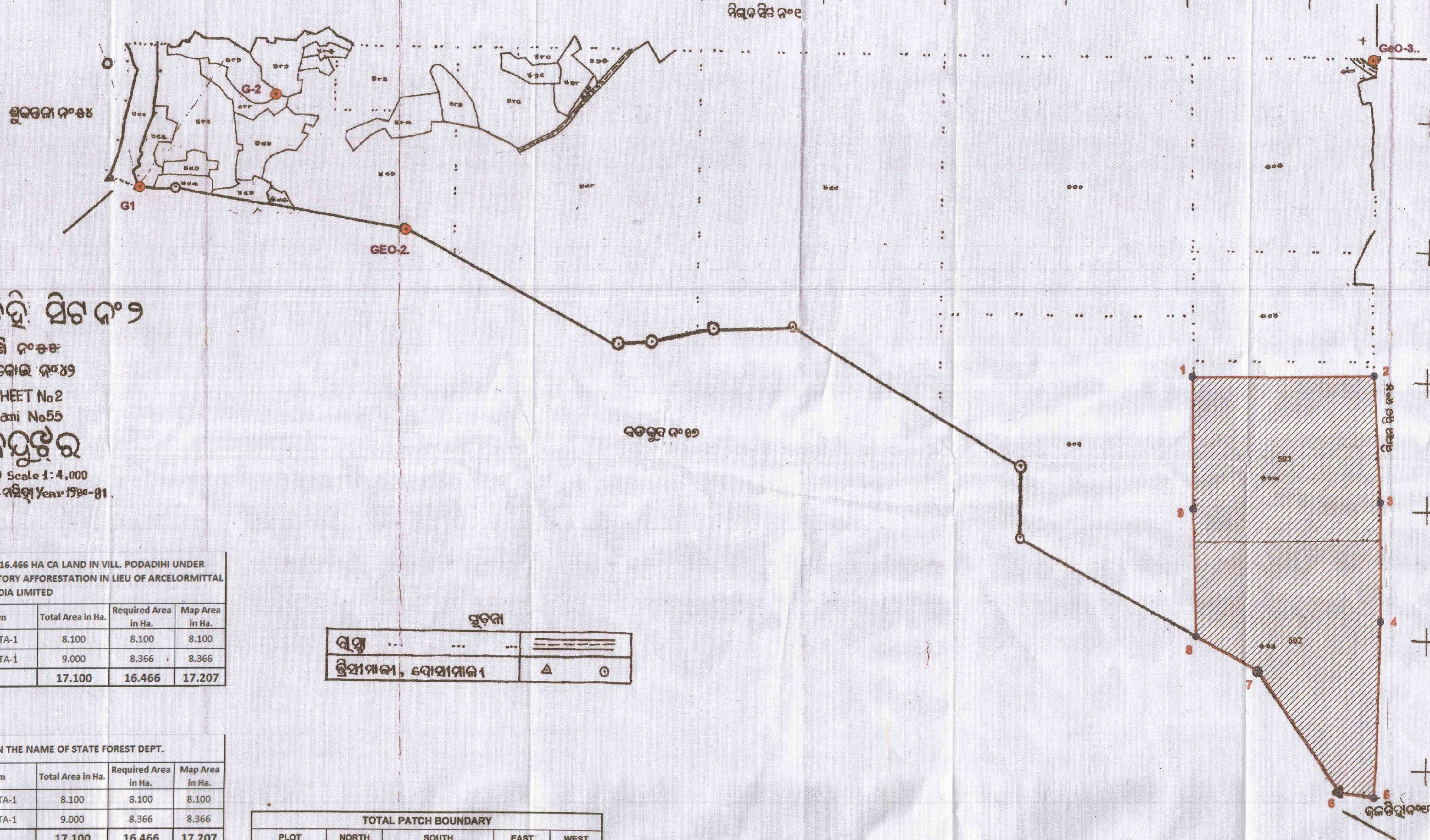
Divisional Forest Officer,
Keonjhar Division

Range Officer,
Banspal Range

Survey of India, Shimla
Department of Science & Technology, Government of India.

PRINTED AT THE SOUTHERN PRINTING GROUP OF SURVEY OF INDIA.

DGPS SURVEYED MAP SHOWING NON FOREST GOVT. LAND OVER AREA 17.207 Ha. IDENTIFIED IN VILLAGE PODADIHI UNDER BANSPAL TAHASIL IN LIEU OF DIVERSION OF FOREST LAND INVOLVED IN PROPOSED SLURRY & WATER PIPELINES, POWER & COMUNICATION CABLES FROM KALAMANGA TO DUBUNA IN FAVOUR OF M/S. ESSAR STEEL INDIA LTD FOR AFFORESTATION IN KEONJHAR DISTRICT. (PATCH-4)



ମୌଜା ପୋଡ଼ାଦିହି ପିଚ ନଂ ୨
ଥାନା କାନ୍ୟାପାନି ନଂ ୫୫
PODADIHI SHEET No 2
Thana Kanyapani No 55
ଜିଲ୍ଲା କେନ୍ଦୁଝର
ସ୍କେଲ ୧:୫,୦୦୦ Scale 1:4,000
ମାନଚିତ୍ର - ୧୯୮୩ Year 1980-81

LAND SCHEDULE AND BOUNDARY DESCRIPTION OF 16.466 HA CA LAND IN VILL. PODADIHI UNDER BANSPAL TEHSIL OF KEONJHAR DIST. FOR COMPENSATORY AFFORESTATION IN LIEU OF ARELORMITTAL NIPPON STEEL INDIA LIMITED

Sl. No.	Khata No.	Plot No.	Kisam	Total Area in Ha.	Required Area in Ha.	Map Area in Ha.
1	67	502	PARBATA-1	8.100	8.100	8.100
2	67	503 (P)	PARBATA-1	9.000	8.366	8.366
TOTAL				17.100	16.466	17.207

LAND SCHEDULE AS PER CORRECTED ROR IN THE NAME OF STATE FOREST DEPT.

Sl. No.	Khata No.	Plot No.	Kisam	Total Area in Ha.	Required Area in Ha.	Map Area in Ha.
1	1/1	502	PARBATA-1	8.100	8.100	8.100
2	1/1	503/741	PARBATA-1	9.000	8.366	8.366
TOTAL				17.100	16.466	17.207

Co-ordinates & Boundary description of CA Land

Points		Geographic Co-ordinates		Bearing		Distance in Meter
From	To	Longitude	Latitude	Forward	Backward	
1	2	85°23'22.38648"	21°41'14.87292"	90°14'59"	270°14'59"	299.05
2	3	85°23'32.78976"	21°41'14.93160"	177°46'8"	357°46'8"	211.86
3	4	85°23'33.15300"	21°41'08.05128"	180°21'5"	0°21'5"	197.17
4	5	85°23'33.18216"	21°41'01.64076"	182°23'1"	2°23'1"	291.51
5	6	85°23'32.86536"	21°40'52.16700"	278°33'53"	98°33'53"	57.97
6	7	85°23'30.86844"	21°40'52.42836"	327°7'57"	147°7'57"	238.39
7	8	85°23'26.29572"	21°40'58.89468"	299°47'58"	119°47'58"	120.59
8	9	85°23'22.63380"	21°41'00.80772"	359°7'39"	179°7'39"	211.58
9	1	85°23'22.44516"	21°41'07.68516"	187°54'44"	0°9'21"	221.08

Perimeter: 1849.163 m & Area : 17.207 Ha.

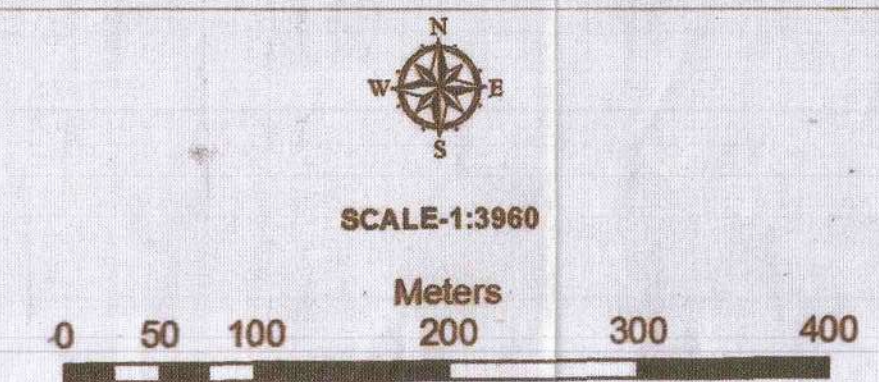
ବିସ୍ତାର	...
ଭୂମିମାଲ, ବ୍ୟବସାୟ	...

TOTAL PATCH BOUNDARY				
PLOT	NORTH	SOUTH	EAST	WEST
AREA: 16.466 Ha.	Plot- 503 P	Village: Jaladhi & Badakuda	Sheet - 4	Plot - 501
BOUNDARY				
PLOT	NORTH	SOUTH	EAST	WEST
502	Plot- 503 P	Village: Jaladhi & Badakuda	Plot- 520 (Sheet - 4)	Plot - 501
503	Plot- 503 P	Plot - 502	Plot- 519, 520 (Sheet - 4)	Plot - 501

Boundary Description as per corrected Ror issued in the Name of State Forest Department					
Khata No.	Plot No.	North	South	East	West
1/1	502	503/741	Village: Jaladhi & Badakuda	Plot - 520	Plot - 501
1/1	503/741	503P	Plot - 502	Plot - 519 & 520	Plot - 501

Certified that this map has been finally framed and a copy of it has been finally published in accordance with Rule 23 read with Rule 60 of O.S & S. Rules, 1962 on 10.06.2011.

Settlement Officer



LEGEND	
●	C.A. LAND BOUNDARY PILLARS
○	GEOREFERENCED POINTS
▨	C.A. LAND BOUNDARY

LAND SCHEDULE						
SL. NO.	VILLAGE NAME	KHATA NO.	PLOT NO.	KISSAM	PATCH	
1	PODADIHI	67(AAA)	502	PARBATA-1	PATCH-4	
2		67(AAA)	503(P)	PARBATA-1		
TOTAL AREA						
					TOTAL AREA	17.207
					REQUIRED AREA	16.466
					MAP AREA	17.207

CO-ORDINATES OF C.A. LAND PILLARS			
POINT ID	EASTING	NORTHING	LATITUDE
1	333390.341	2399099.785	85°23'22.38648"
2	333689.389	2399098.481	85°23'32.78976"
3	333697.637	2398986.781	85°23'33.15300"
4	333696.428	2398989.617	85°23'33.18216"
5	333684.304	2398398.360	85°23'32.86536"
6	333626.982	2398406.993	85°23'30.86844"
7	333497.610	2398607.220	85°23'26.29572"
8	333392.982	2398667.151	85°23'22.63380"
9	333389.740	2398878.710	85°23'22.44516"

CO-ORDINATES OF GEOREFERENCED POINTS			
POINT ID	EASTING	NORTHING	LATITUDE
G1	331649.718	2399412.765	85°22'21.72108"
G-2	331876.355	2399564.888	85°22'29.54964"
Geo-2	332092.091	2399340.043	85°23'37.13664"
Geo-3	333691.053	2399621.895	85°23'32.65872"

1. Certified that the above degraded/ non-forest government land as mentioned in columns no. 7, 8 & 9 are in compact patches of 4 Ha. Or more having adequate soil depth suitable for plantation.
2. Certified that the above Government land is found suitable for plantation and is free from encroachment and encumbrance.
3. Certified that the above Government land is not covered under 4(1).
4. Certified that the above government land is not covered/Covered under DLC report/covered under DLC report.
5. Certified that the above government land has not been allotted previously.
6. Certified that the above government land is not covered under any M.I./P. L Area.
7. Certified that the above plots are not settled in favour of individual/community under F.R Act, 2006.
8. Certified that the status of the above plots was not forest/forest
9. Certified that the above plots are not covered under any proposed reserved forest.
10. Certified that the above plots are unfit not only for agriculture but also for other developmental requirements. (Applicable in case Non-Forest Govt. Land)
11. Applicable that the above plots have no future potential for agrarian or industrial use (applicable in case of non-forest Govt. Land)

COUNTERSIGNED
Sub Divisional Forest Officer
Keonjhar Division
TAHSILDAR
BANSPAL
COUNTERSIGNED
Range Officer
B.J.P. Range
Divisional Forest Officer
Keonjhar Division
Joint Section Officer
Banspal
Joint Section Officer
Banspal

DGPS SURVEY CONDUCTED BY
DIGITAL CARTOGRAPHY AND SERVICES (DCS) PVT.LTD
1015, Bhagabat Sankha,
GGP Canal Road, Ramnagar, Bhubaneswar-75

ANNEXUTE-5

AGENCY COPY

यूनियन बैंक Union Bank of India

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 23-02-2022

Agency Name.	Essar Steel India Limited
Application No.	19923166003
MoEF/SG File No.	5-ORC496/2022-BHU
Location.	ORRISA
Address.	Udaya Bata, Paradeep-754142, Dist- Jagatsinghpur Jagatsinghpur
Amount(In Rs)	19300600/-

Amount In Words :One Crore Ninety-Three Lakh Six Hundred Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	UBIN0903710
Pay to Account No.	1508219923166003 Valid only for this challan amount.
Bank Name & Address:	Union Bank Of India Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

• This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

BANK COPY

यूनियन बैंक Union Bank of India

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 23-02-2022

Agency Name.	Essar Steel India Limited
Application No.	19923166003
MoEF/SG File No.	5-ORC496/2022-BHU
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IFSC Code:	UBIN0903710
Pay to Account No.	1508219923166003 Valid only for this challan amount.
Bank Name & Address:	Union Bank Of India Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

• This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

After making successful payment, User Agencies may send a line of confirmation through
Email: helpdeskcampa@corpbank.co.in

Note:After making the required payment through challan, If the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date to
Email: cb0371@unionbankofindia.com



SBINR52022022869561257



OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION

Phone No- 06766-254315, email ID- dfo.keonjhar@odisha.gov.in

No. 1352 /Mining- 247/2018

Dated, Keonjhar, the 19th Feb, 2022

To

The General Manager,
M/s ArcelorMittal Nippon Steel India Limited
(formerly known as Essar Steel India Limited),
Beneficiation plant At- Dubuna, Via- Joda,
Dist- Keonjhar, PIN- 758034

Sub: Diversion of 16.463 ha of forest land (12.649 ha in Keonjhar Division and 3.814 ha in Bonai Division) for laying of 20" dia pipelines (Slurry and Water), Power and communication cables from Kalmang Ghorburuni – Sagasahi Block, Koira Tahasil, Sundergarh District to beneficiation plant at Dubuna under Barbil Tahasil of Keonjhar District by M/s ArcelorMittal Nippon Steel India Limited (formerly known as Essar Steel India Limited)- Stage- I endorsement regarding.

X-Sub: **Demand of funds towards Compensatory Afforestation & Addl. Compensatory Afforestation at the current wage rate @Rs. 315.00/- per Mandays.**

Ref: Memo No. 2735 dt. 10.02.2022 of Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar.

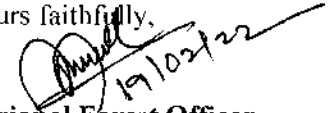
Sir

With reference to the aforementioned memo on the captioned subject, you are requested to deposit the approved amount of **Rs. 1,93,00,600.00** (Rupees one crore ninety-three lakh six hundred) only towards Scheme for Compensatory Afforestation Scheme over 16.466 ha identified in village Podadihi under Banspal Tahasil of Keonjhar District & Addl. Compensatory Afforestation scheme over 40.00 ha identified in Kalapat RF under Telkoi Forest Range against laying of 20" dia pipelines (Slurry and Water), Power and communication cables from Kalmang Ghorburuni – Sagasahi Block, Koira Tahasil, Sundergarh District to beneficiation plant at Dubuna under Barbil Tahasil of Keonjhar District as per current wage rate 315.00/- per man-day with maintenance of 10 years through e-portal of MoEF&CC as provided in the <https://parivesh.nic.in/> and the proof/evidence of the deposit of fund be submitted to this office for further necessary action at this end.

Particulars	Amount to be deposited (Rs)
Compensatory Afforestation Scheme over 16.466 ha identified in village Podadihi under Banspal Tahasil of Keonjhar District.	11155700.00
Addl. Compensatory Afforestation Scheme over 40.00 ha identified in Kalapat RF under Telkoi Forest Range of Keonjhar Division.	8144900.00
Total	1,93,00,600.00

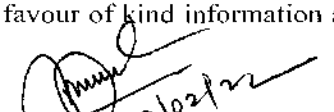
(Rupees one crore ninety-three lakh six hundred) only

Yours faithfully,


19/02/22
Divisional Forest Officer,
Keonjhar Division.

Memo No. 1353 Dated. 19-02-2022

Copy forwarded to the Regional Chief Conservator of Forests, Rourkela Circle, Rourkela/ Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar for favour of kind information and necessary action.


19/02/22
Divisional Forest Officer,
Keonjhar Division.



OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION

Phone No- 06766-254315, email ID- dfo.keonjhar@odisha.gov.in

Memo No 1345 /6F-Mining-10/2016
Dated, Keonjhar the 10th February, 2025

To

The Addl. Principal Chief, Conservator of Forests,
Forest Diversion and Nodal Officer, FC Act,
O/o the Principal Chief Conservator of Forests & HoFF, Odisha, Bhubaneswar

Sub: Diversion of 16.463 ha forest land (12.649 ha in Keonjhar Forest Division and 3.814 ha in Bonai Forest Division) for laying of 20" dia. Dual pipelines (slurry & water), Power and communication cables from Kalamang Ghoraburuni-Sagasahi Block, Koira Tahasil, Sundargarh District to Beneficiation plant at Dubuna under Barbil Tahasil of Keonjhar District of M/s Arcelor Mittal Nippon Steel India Limited (Formerly known as M/s Essar Steel India Ltd.) – Stage-I compliance regarding. .

Ref: 1. Memo No.25548 dated 18.12.2024 of Deputy Conservator of Forests (Nodal), O/o the PCCF & HoFF, Odisha, Bhubaneswar.
2. This office memo No.120 dated 04.01.2025.

In continuation to this office memo cited above on the captioned subject, the revised compliance of the shortcoming No. 02 raised by the Additional Principal Chief Conservator of Forest, Forest Diversion & Nodal Officer, FC Act, O/o the PCCF & HoFF, Odisha, Bhubaneswar vide the above letter is depicted below for favour of your kind information and necessary action.

Shortcomings No.2.

In response to the Condition No.(2) (A) (vi), the revised CAMPA format needs to be submitted after incorporation of revised CA and ACA amount by the DFO, Keonjhar and Bonai Forest Division with due authentication.

Compliance:-

The revised CAMPA format of the aforesaid proposal is enclosed herewith as **Annexure-I.**

Encl:- As above


Divisional Forest Officer,
Keonjhar Division.

Memo No. 1346 / Dated. 10.02.25 7/2

Copy forwarded to the Regional Chief Conservator Forests, Rourkela Circle, Rourkela for favour of kind information and necessary action.

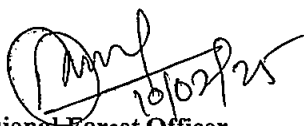


Divisional Forest Officer,
Keonjhar Division.

PROFORMA FOR VERIFICATION OF DEPOSITS IN COMPENSATORY AFFORESTATION FUND

1	Name of Regional Office	MoEF&CC, GoI/ Integrated Regional Office, Bhubaneswar, Odisha					
2	State/ district/Forest Division to which the proposal relates	Odisha, Keonjhar and Sundargarh (District), Keonjhar and Bonai Forest Division.					
3	Name of User Agency, nature of proposal	Laying of 20" dia. dual Pipelines (Slurry & Water), Power and Communication Cables by M/s. ArcelorMittal Nippon Steel India Limited (Formerly known as M/s- Essar Steel India Limited).					
4	Nature & category of proposal	Linear Project (Pipeline)					
5	Proposal number	Proposal No. FP/OR/OTHERS/23166/2016 State SI No. OR-013/2017					
6	Extent of Forest area involved	12.649 ha. in Keonjhar Forest Division.					
7	Whether original or extension	Original					
8	If extension of lease, please clarify if proposal involves additional forest	-					
9	Date of Stage-I clearance	Vide Letter No.5-ORC496/2022-BHU, Dated 25.01.2022 & 27.01.2022 of MoEF&CC/IRO, Bhubaneswar, Odisha.					
10	Extent of CAMPA charges, head wise viz:						
	(a) Compensatory Afforestation over 16.466 Ha in village -Podadihi	1,27,42,400/- (Rs.1155700/- + Rs.15,86,700/-)					
	(b) Additional Compensatory Afforestation	1,37,50,900/- (Rs.81,44,900/- + Rs.56,06,000/-)					
	(c) Penal Compensatory Afforestation	-					
	(d) Catchment Area treatment	-					
	(e) Wildlife Management Plan	-					
	(f) Additional charges for diversion of area falling under notified / protected areas	-					
	(g) Net Present Value over 16.466 ha. (Keonjhar- 12.649 ha.)	Rs. 1,81,72,439.00					
	(h) Any other charges / levies (please specify)	-					
	(i) Safety Zone	-					
	(j) Scheme of plantation of dwarf species	-					
	(k) Site Specific Wildlife Conservation Plan	-					
	(l) Interest in belated payment of NPV	-					
	Total	Rs. 4,46,65,739.00					
11	whether payment made through challan or otherwise. In case of onlinepayment, details of challan						
12	Details of deposits						
Sl. No.	Type of deposit (NPV/CA/ IWMP/Others (specify))	whether by RTGS/DD/ NEFT (Specify)	UTR/ DD No.	Amount deposited (Rs.)	Date of Deposit	Name of Bank from which amount transferred to account of CAF	Bank Account of CAF managed by CAMPA in which found deposited
1	NPV (Over 12.649 ha.)	RTGS	UTR No.- SBINR5202203 1572584486	1,81,72,439.00	14.03.2022	State Bank of India	CAMPA ORRISA, AC. No.- 1508219923166532, IFSC CODE- UBIN0903710, Union Bank Of India, Lodhi Complex Branch, Lodhi Road, New Delhi-110003

Sl. No.	Type of deposit (NPV/CA/ IWMP/Others (specify))	whether by RTGS/DD/ NEFT (Specify)	UTR/ DD No.	Amount deposited (Rs.)	Date of Deposit	Name of Bank from which amount transferred to account of CAF	Bank Account of CAF managed by CAMPA in which found deposited
2	C.A. (Over 16.466 ha.)	RTGS	UTR No.- SBINR5202202 2869561257	1,11,55,700.00	23.02.2022	State Bank of India	CAMPA ORRISA, AC. No.- 1508219923166003, IFSC CODE- UBIN0903710, Union Bank Of India, Lodhi Complex Branch, Lodhi Road, New Delhi-110003
3	CA Diferential	RTGS	UTR No.SBINR5202 5020674522798	15,86,700.00	06.02.2025	State Bank of India	Orissa CAMPA A/C No.15082199231665 16, IFSC UBIN0996335, Bangalore-560027
4	Additional Compensatory Afforestation (Over 40.00 ha.)	RTGS	UTR No.- SBINR5202202 2869561257	81,44,900.00	23.02.2022	State Bank of India	CAMPA ORRISA, AC. No.- 1508219923166003, IFSC CODE- UBIN0903710, Union Bank Of India, Lodhi Complex Branch, Lodhi Road, New Delhi-110003
5	ACA Differential	RTGS	UTR No.SBINR5202 5020674522798	56,06,000.00	06.02.2025	State Bank of India	Orissa CAMPA A/C No.15082199231665 16, IFSC UBIN0996335, Bangalore-560027
			Gross Total	4,46,65,739.00			

Date:
Place:


Divisional Forest Officer,
Keonjhar Division

Divisional Forest Officer
Keonjhar Division

Principal Chief Conservator of Forests (Nodal)
Odisha.



**OFFICE OF THE FOREST RANGE OFFICER CHAMPUA RANGE:
CHAMPUA**

Email ID-forestrangercpa@gmail.com

Memo No. 2645 /Dt.: 21/08/2024



**The Divisional Forest Officers
Keonjhar Division, Keonjhar**

Sub:

Verification & Translocation of trees standing over 16.463 ha forest landout of which 12.649 ha comes within Keonjhar Forest Division and 3.814 ha in Bonai Forest Division for laying of 20" dia. dual Pipelines (Slurry & Water), Power and Communication Cables from Kalamang Ghoraburhani-Sagasahi Block, Koira Tahasil, Sundargarh District to Beneficiation Plant at Dabuna under Barbil Tahasil of Keonjhar by ArcelorMittal Nippon Steel India Limited (Formerly known as M/s Essar Steel India Limited).

Ref: your Memo No. 12128/Mining-10/2016 Dated 23.10.2023.

Sir,

With reference to the memo on the captioned subject, I physically verified with the Forest section officers -Bamebari section and Joda Section along with the respective Forest guard – Dabuna beat and Khandbandh beat as per the instructions received. Re-survey done and submitted 06 (Six) sets of revised authenticated tree enumeration list standing on 12.649 ha. area comes under Champua Renge.

I would like to inform you that the User Agency M/s. ArcelorMittal Nippon Steel India Limited has submitted one proposal regarding the translocation of the maximum number of trees under this range office at the nearest suitable vacant place. Based on the proposal I have visited the site and verified the trees which can be transplanted. I authenticated below mentioned 49 Nos. of trees (out of 915 Nos. of trees) which can be transplanted as per the submitted plan by the user agency.

Name of Range	Girth Class	No of Trees are to be translocated			Remarks
		Sound	Unsound	Total	
Champua	30-59 CM	29	-	29	
	60-89 CM	20	-	20	
Grand Total		49		49	

Enclosed are the 06 (Six) copies of authenticated enumeration list of trees that can be transplanted for the favour of kind information and necessary action.

Encl: As above

Your Faithfully,

Asst. Conservator of Forest
I/C, Champua Forest Range

Memo No. 2646 /Dt. 21-08-2024

Copy forwarded to Authorized Signatory Arcelor Mittal Nippon Steel India Limited for favour of information.

Asst. Conservator of Forest
Asst. Conservator of Forest:
I/C, Champua Forest Range

LIST OF ENUMERATED TREES TO BE TRANPLANTATED LIST OF STANDING TREES WITHIN THE PROPOSED LAYING OF 20" DIA DUAL PIPELINES (SLURRY & WATER), POWER AND COMMUNICATION CABLE FROM KALAMANG GHORABURANI-SAGASAMI IRON ORE MINE, KOIRA TAHASIL, SUNDARGARH DISTRICT TO BENEFICIATION PLANT AT DUBUNA UNDER BARBIL TAHASIL OF KEONJHAR DISTRICT OF M/S ARCELORMITTAL NIPPON STEEL INDIA LIMITED (FORMERLY KNOWN AS M/S ESSAR STEEL INDIA LIMITED)

LIST OF TREES TO BE TRANSPLANTED IN CHAMPUA RANGE UNDER KEONJHAR FOREST DIVISION

Sl No	Tree No.	Species	Botanical Name	Girth in cm	Height in Mtr	Nature	Forest/ Non-Forest	Plot No	Private Plot No	To be transplanted	Remarks
Village - Khandabandha											
1	43	Bela	<i>Aegle marmelos</i>	40	2	Sound	F	322	12	43	
2	57	Mahula	<i>Madhuca indica</i>	55	3	Sound	F	322	12	57	
3	73	Jammu	<i>Syzygium cumini</i>	65	4	Sound	F	323	39	73	
4	112	Jammu	<i>Syzygium cumini</i>	65	2	Sound	F	323	39	112	
5	176	Jammu	<i>Syzygium cumini</i>	60	1	Sound	F	323	39	176	
6	181	Mango	<i>Mangifera indica</i>	30	2	Sound	F	323	39	181	
7	219	Sala	<i>Shorea robusta</i>	45	4	Sound	F	327	22	219	
8	312	Jammu	<i>Syzygium cumini</i>	65	3	Sound	F	328	39	312	
9	314	Jammu	<i>Syzygium cumini</i>	60	3	Sound	F	328	39	314	
10	394	Tentuli	<i>Tamarindus indica</i>	50	3	Sound	F	329	22	394	
11	413	Jammu	<i>Syzygium cumini</i>	62	2	Sound	NF	352/408	26	413	
Village - Guruda											
12	444	Achu	<i>Marinda tinctoria</i>	40	2	Sound	NF	431	44	444	
13	449	Sala	<i>Shorea robusta</i>	66	5	Sound	NF	431	44	449	
14	473	Sala	<i>Shorea robusta</i>	65	8	Sound	F	442	41	473	
15	474	Sala	<i>Shorea robusta</i>	60	8	Sound	F	442	41	474	
16	477	Sala	<i>Shorea robusta</i>	48	5	Sound	F	442	41	477	
17	480	Sala	<i>Shorea robusta</i>	60	6	Sound	F	442	41	480	
18	483	Sala	<i>Shorea robusta</i>	60	6	Sound	F	442	41	483	
19	491	Sala	<i>Shorea robusta</i>	60	6	Sound	F	442	41	491	
20	492	Mango	<i>Mangifera indica</i>	56	5	Sound	F	442	41	492	
21	494	Sala	<i>Shorea robusta</i>	50	4	Sound	F	442	41	494	
22	495	Mango	<i>Mangifera indica</i>	57	8	Sound	F	442	41	495	
23	498	Sala	<i>Shorea robusta</i>	60	5	Sound	F	442	41	498	
24	500	Sala	<i>Shorea robusta</i>	65	8	Sound	F	442	41	500	
25	501	Bela	<i>Aegle marmelos</i>	45	4	Sound	F	442	41	501	
26	506	Sala	<i>Shorea robusta</i>	50	5	Sound	F	442	41	506	
27	509	Sala	<i>Shorea robusta</i>	60	4	Sound	F	442	41	509	
28	520	Sala	<i>Shorea robusta</i>	54	4	Sound	NF	549/679	41	520	
29	521	Sala	<i>Shorea robusta</i>	68	5	Sound	NF	549/679	41	521	
30	522	Sala	<i>Shorea robusta</i>	45	4	Sound	NF	549/679	41	522	
31	523	Sala	<i>Shorea robusta</i>	62	5	Sound	NF	549/679	41	523	
32	524	Sala	<i>Shorea robusta</i>	60	2	Sound	NF	549/679	41	524	
33	526	Sala	<i>Shorea robusta</i>	35	2	Sound	NF	549/679	41	526	
34	527	Sala	<i>Shorea robusta</i>	42	3	Sound	NF	549/679	41	527	
35	528	Sala	<i>Shorea robusta</i>	50	5	Sound	NF	549/679	41	528	
36	529	Sala	<i>Shorea robusta</i>	45	5	Sound	NF	549	41	529	
37	530	Sala	<i>Shorea robusta</i>	60	5	Sound	NF	549	41	530	
38	532	Sala	<i>Shorea robusta</i>	38	4	Sound	NF	549/679	41	532	
39	533	Sala	<i>Shorea robusta</i>	40	4	Sound	NF	549/679	41	533	
40	534	Sala	<i>Shorea robusta</i>	40	4	Sound	NF	549/679	41	534	
41	535	Sala	<i>Shorea robusta</i>	45	4	Sound	NF	549	41	535	
42	537	Bahada	<i>Terminalia belerica</i>	35	4	Sound	NF	549	41	537	
43	540	Sala	<i>Shorea robusta</i>	30	3	Sound	NF	549	41	540	
Village - Palasha_Kha											
44	557	Mahula	<i>Madhuca indica</i>	45	3	Sound	F	97	81	557	
45	560	Sala	<i>Shorea robusta</i>	55	5	Sound	F	97	81	560	
Village - Jadibahal											
46	563	Sala	<i>Shorea robusta</i>	55	6	Sound	F	67	42	563	
Village - Balada											
47	693	Sala	<i>Shorea robusta</i>	52	4	Sound	NF	622	52	693	
48	699	Sala	<i>Shorea robusta</i>	50	6	Sound	F	320	52	699	
49	724	Kanchana	<i>Bauhinia Veriegata</i>	60	3	Sound	NF	327	40	724	



Forest Section Officer
Balibandha & Borebari Section

Forest Section Officer
Joda Section

Sp. Asst. Dubuna Range

Asst. Conservator of Forest
J.C. Champua Forest Range

PROJECT REPORT OF TREE TRANSPLANTATION OF SAGASAHIDABUNA 20''DIA DUAL PIPELINE (SLURRY & WATER) PROJECT

M /s ArcelorMittal Nippon Steel Limited

Submitted to
Divisional Forest Officer, Keonjhar Division



PREPARED BY

Maptech Solutions Pvt. Ltd.



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Executive Summary:

The Sagasahi-Dabuna 20" dia dual Pipelines (Slurry & Water) Project, laid by M/s ArcelorMittal Nippon Steel India Limited, represents a significant stride in sustainable resource transportation infrastructure. This comprehensive project encompasses 27.881 km long 20" dia dual Pipelines (Slurry & Water), Power, and Communication Cable, stretching from the operational Sagasahi Mines at Sagasahi under Koira Tahasil to the existing Beneficiation Plant at Dabuna under Barbil Tahasil in the district of Keonjhar, Odisha.

Before commencing with any tree felling activities as part of the Sagasahi-Dabuna Slurry and Water Pipeline Project, a comprehensive Tree Transplantation strategy has been devised to mitigate the impact on the local forest ecosystem. This proactive approach underscores the commitment to environmental responsibility, aiming to preserve and relocate mature trees affected by the pipeline development in Champua Ranges within the Keonjhar Forest Division.

The imperative inclusion of a Tree Transplantation initiative, executed by Maptech Solutions Pvt. Ltd., reflects the commitment to environmental responsibility and preservation of the rich forest ecosystem in Champua Range within Keonjhar Forest Division. Recognizing the ecological significance, the project aims not only to meet logistical goals but also to harmonize with nature.

This Executive Summary encapsulates the holistic approach towards environmental conservation and sustainable development. Beyond the sheer infrastructural components, it underscores the delicate balance between progress and preservation. Through careful planning and execution, this project seeks not only to fulfil operational requirements but to set a benchmark for responsible industrial expansion.

The report addresses the intricacies of land usage and meticulously categorized land including 12.649 Ha. of forest land & 1.570 Non-forest area under the Keonjhar Division, where involving DLC Forest 1.488 Ha., Revenue Forest 4.657 Ha. & Non-Forest land recorded as forest as of 25.10.1980 (Sabik Forest) 6.504 Ha. The proposed pipeline route is strategically planned in Topo Sheet No. F45N5 & F45N6, ensuring minimal environmental impact by maintaining a minimum depth of 1 meter beneath the ground surface.

The involvement of Maptech Solutions Pvt. Ltd. as the contractor for the tree translocation survey and feasibility report ensures that the ecological impact is systematically assessed. The enumeration list, detailing DGPS locations, tree specifics, and plot numbers, along with a Translocation Location Map, illustrates the meticulous planning to mitigate environmental disturbance.

In conclusion, the Sagasahi to Dabuna Pipeline Project stands as a testament to the harmonious coexistence of industrial progress and ecological preservation. The successful implementation of the Tree Transplantation initiative is poised to set a standard for environmentally conscious development, securing approvals and support from relevant authorities, including the DFO Keonjhar, Odisha.

This project endeavours not only to propel economic growth but to leave an enduring legacy of responsible resource management and environmental stewardship.

Project Overview:

The Sagasahi-Dabuna Pipeline Project is a visionary endeavour by M/s ArcelorMittal Nippon Steel India Limited, designed to revolutionize industrial infrastructure while upholding environmental stewardship. This comprehensive initiative involves the installation of 27.881 km, integrating 20" dia. dual Pipelines (Slurry & Water), Power, and Communication Cables. The Pipeline is strategically routed through Topo Sheets F45N5 & F45N6, ensuring operational efficiency, and minimizing ecological impact. The Pipelines laid at a minimum depth of 1 meter beneath the ground surface, the pipeline exemplifies engineering excellence, prioritizing both functionality and environmental preservation.

Project Name: Sagasahi- Dabuna Pipeline

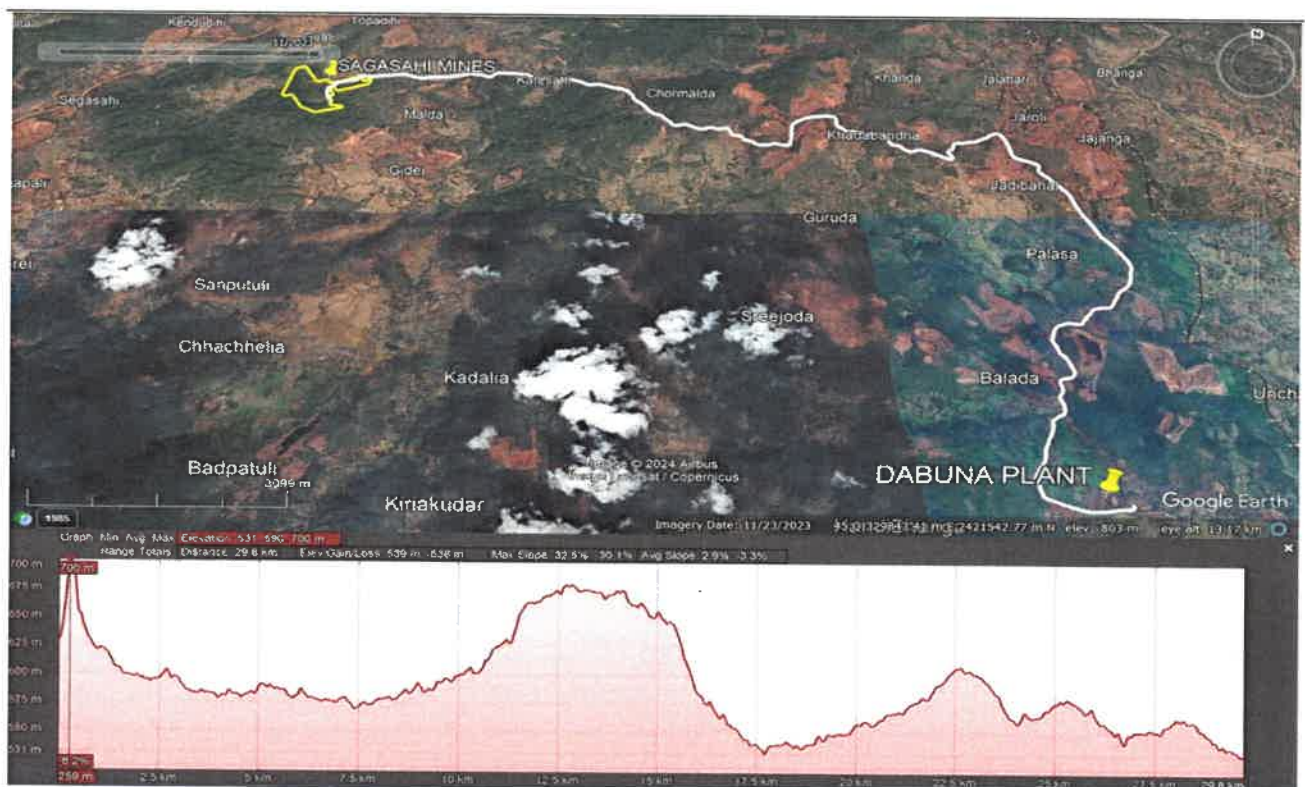
Pipeline Details: 27.881 km 20"Dia Dual Pipelines (Slurry &Water), Power, and Communication Cables

Pipeline Route: Envisaged in Topo Sheets F45N5 & F45N6

Pipeline Depth: Minimum 1 meter beneath the ground surface

Location:

The Sagasahi-Dabuna Pipeline Project, which is located in the district of Keonjhar & Sundargarh, Odisha, India. The pipeline extends from the Sagasahi Mines, under Koira Tahasil at Sundargarh District to the existing Dabuna Plant at Dabuna under Barbil Tahasil at Keonjhar District. The project area includes Champua & Range in Keonjhar Forest Division, as well as areas in Barbil, Jhumpura, and Koira Tahasils in Keonjhar & Sundargarh districts. The specific coordinates or GPS location details are not provided in the scenario. The Google map attached as key plan.



Land Details:

The project spans a diverse landscape, encompassing 16.466 Ha. of forest land in the Champua & Koira Ranges within the Keonjhar & Sundargarh Forest Divisions. This land, consisting of Revenue Forest, District level Committee (D.L.C) Forest and Non-Forest land recorded as forest as of 25.10.1980 (Sabik Forest), represents a rich ecosystem. Additionally, 5.850 Ha. & 1.570 Ha of non-forest land in Koira & Barbil Tahasils respectively is seamlessly integrated into the project's trajectory. The meticulous categorization reflects a nuanced approach to land utilization, acknowledging the distinct ecological characteristics of each area.

Forest Land: 16.466 Ha. (Champua & Koira Ranges in Keonjhar & Bonai Forest Division)

Categories: Revenue Forest, DLC Forest & Sabik Forest Land

Non- Forest Land: 7.420 Ha. (Koira & Barbil Tehasils)

Pipeline Route:

Length: 27.881 km

Forest: 16.458 km

Non-Forest: 11.423 km

PROPOSED SLURRY & RETURN WATER PIPELINE FROM SAGSASHI TO DABUNA : PIPELINE ROUTE STUDY						FOREST TYPE-BREACK-UP		
Sl. No.	District	Unit	Proposed Pipeline Route	Non- Forest	Forest	D.L.C (In Ha.)	Revenue (In Ha.)	Sabik (In Ha.)
1	Keonjhar	Length (Km)	16.792	4.148	12.644	1.488	4.657	6.505
		Area (Ha.)	14.219	1.570	12.649			
Sl. No.	District	Unit	Proposed Pipeline Route	Non- Forest	Forest	D.L.C (In Ha.)	Revenue (In Ha.)	Sabik (In Ha.)
2	Sundargarh	Length (Km)	11.089	7.275	3.814	2.274	1.542	-
		Area (Ha.)	9.666	5.850	3.816			

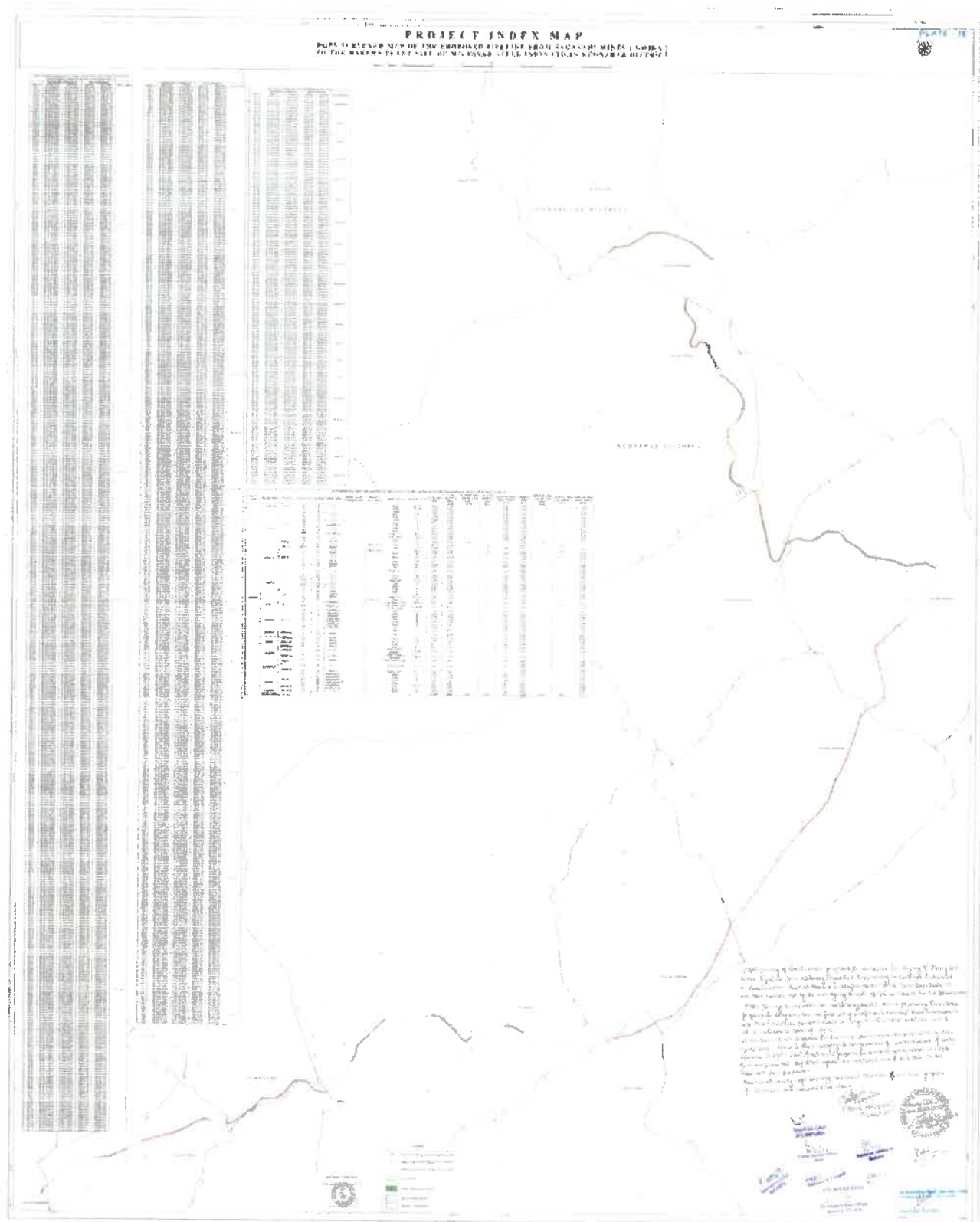
MAJOR CROSSING :						Elevation at Starting Point - 609.02 Mtr.
Sl No.	Description	Power Line	Nala	River	RCC/Asphalt Road	Elevation at Terminal Point- 542.15 Mtr.
1	Crossings	49	5	1	8	Terrain - Undulating Soil Encountered - Normal/Rockey

Village-wise break up of Forest & Non-Forest Land:

SLURRY AND WATER PIPELINE FROM KALAMANGA (SAGASAHU MINES) TO DABUNA							
Sl.No.	District	Village	Tahsil	Non-Forest Land (Area in Ha.)	Forest Land (Area in Ha.)	Total Land (Area in Ha.)	Remarks
1	Keonjhar	Purunadihi	Barbil	0.006	0.056	0.062	
2	Keonjhar	Dubuna	Barbil	0.150	0.778	0.928	
3	Keonjhar	Badakalimati	Barbil	-	0.829	0.829	
4	Keonjhar	Nayagada	Jhumpura	-	0.324	0.324	

5	Keonjhar	Balada	Barbil	0.371	1.005	1.376	
6	Keonjhar	Unchabali	Barbil	-	0.35	0.350	
7	Keonjhar	Kundaposi	Barbil	-	0.465	0.465	
8	Keonjhar	Palasa(ka)	Barbil	-	1.104	1.104	
9	Keonjhar	Jadibahal	Barbil	0.136	2.300	2.436	
10	Keonjhar	Palasa(Kha)	Barbil	-	1.234	1.234	
11	Keonjhar	Guruda	Barbil	0.251	2.614	2.865	
12	Keonjhar	Khandbandha	Barbil	0.656	1.591	2.247	
13	Sundargarh	Ganua	Koida	0.312	-	0.312	
14	Sundargarh	Patabeda	Koida	1.323	1.839	3.162	
15	Sundargarh	Deoghar	Koida	0.117	0.082	0.199	
16	Sundargarh	Malda	Koida	1.711	0.846	2.557	
17	Sundargarh	Kalamanga	Koida	1.838	1.049	2.887	
18	Sundargarh	Ghodabudhani	Koida	0.549	-	0.549	
	TOTAL AREA (Ha.)			7.420	16.466	16.466	

DGPS MAP



Tree Transplantation Overview:

Objective of Tree Transplantation:

The primary objective of the Tree Transplantation initiative within the Sagasahi-Dabuna Pipeline Project is to harmonize industrial progress with ecological conservation. It seeks to mitigate the impact of infrastructure development on the local flora, particularly focusing on preserving mature trees and contributing to the overall biodiversity of the region. The goal is not just to relocate trees but to ensure their successful adaptation and continued contribution to the ecosystem.

Contractor:

Maptech Solutions Pvt. Ltd., the appointed contractor for the tree translocation survey, brings a wealth of experience in environmental management and feasibility studies. Their role encompasses the meticulous execution of the translocation plan, adhering to best practices, and employing advanced techniques for tree preservation and relocation.

Feasibility Report:

The feasibility report for tree translocation within the ambit of the Sagasahi-Dabuna 20" Dia Dual Pipelines (Slurry & Water) Project is an essential document prepared by Maptech Solutions Pvt. Ltd. This report critically evaluates the practicality and viability of relocating trees affected by the pipeline development, ensuring a harmonious blend of industrial progress and ecological preservation.

Objectives:

The primary objectives of this feasibility study are to:

- Assess the viability of tree translocation within the project area.
- Evaluate the potential environmental impact of the translocation process.
- Determine the health and adaptability of identified trees for successful relocation.
- Identify suitable translocation sites in alignment with the local ecosystem.
- Develop a comprehensive logistical plan for the extraction, transportation, and replanting of trees.
- Mitigate potential risks associated with the translocation endeavour.
- Evaluate the social impact on local communities.
- Conduct a cost-benefit analysis to assess the economic and environmental implications.

Scope of Tree Transplantation:

Health Assessment:

A detailed health assessment of each identified tree was carried out. This involves evaluating factors such as overall health, disease resistance, and structural integrity to determine the trees' viability for successful translocation.

The overall health of each identified tree is comprehensively evaluated. This includes a thorough examination of:

- **Foliage Condition:** Assessing the colour, density, and overall vitality of the tree's foliage.

- **Bark Health:** Examining the bark for signs of diseases, lesions, or abnormalities.
- **Branch Structure:** Analysing the branching pattern and structural integrity.
- **Trunk Stability:** Evaluating the stability and strength of the trunk.
- **Branch Attachment:** Ensuring secure attachment of branches to the trunk.
- **Root System Health:** Examining the health and spread of the root system.

Suitability Analysis for Translocation:

A comprehensive suitability analysis was conducted to assess the feasibility and appropriateness of translocating trees within the Sagasahi-Dabuna Pipeline Project. This analysis involved a multidimensional evaluation, considering ecological compatibility, health status, and environmental impact to ensure the success of the tree Transplantation initiative.

Identification and Transplantation:

Maptech Solutions conducted a comprehensive survey to identify and enumerate trees within the project corridor. The survey includes data on species diversity, tree sizes, and health conditions, forming the foundation for the translocation strategy.

This Tree Transplantation survey conducted a thorough survey within the project corridor. The survey aimed to identify and enumerate trees, providing essential data for the translocation strategy. Below is a list of enumerated trees along with accompanying photographs.

Champua Range

Terrain Challenges for Tree Transplantation:

The topography of the identified areas in Champua Range reveals predominantly steep relief, presenting formidable challenges for accessing these locations with cranes and trailers during the tree translocation process.

Summary of Suitable Trees for Transplantation:

Considering the challenging terrain and other factors, a thorough assessment has been carried out and identified 49 Nos. of trees within Champua Range deemed suitable for transplantation. These selected trees are proposed for relocation to mitigate the impact of the Sagasahi-Dabuna Pipeline Project on the local forest ecosystem.

Enclosed Annexures:

Annexure-1: Geo-tagged Photographs of Selected Trees

Attached herewith is a detailed sheet containing geo-tagged photographs of the identified trees proposed for translocation. Each photograph is uniquely labelled to correspond with the specific tree's details.

Trees above 30cm and below 60cm girth to be Transplantation



T-43



T-57



T-181



T-394



T-444



T-477



T-492



T-494



T-495

Trees above 30cm and below 60cm girth to be translocated



T-501



T-506



T-520



T-522



T-527



T-528



T-532



T-535



T-537

Trees above 30cm and below 60cm girth to be translocated



T-540



T-557



T-693



T-699

Trees above 60cm and below 90cm girth to be Transplantation



T-73



T-112



T-176



T-312



T-314



T-413



T-449



T-480



T-491

Trees above 60cm and below 90cm girth to be Transplantation



T-498



T-500



T-521



T-523



T-524



T-724

Annexure-II: Species-wise details of Trees (Girth Size: 30cm to 90cm)

Provided herewith is a comprehensive document detailing the species-wise information of trees earmarked for translocation. These trees fall within the girth size range of 30cm to 90cm, highlighting their significance in the preservation and biodiversity of the region.

Tree Enumeration list of trees to be Transplanted:

Sl No	Tree No.	Name of the Species	Girth in cm	Height in Mtr	Nature	Botanical Name	0-29 cm	30-59 cm	60-89 cm	Plot No	Village Name
							S	S	S		
1	43	Bela	40	2	S	<i>Aegle marmelos</i>		1		322	Khandabandha
2	57	Mahula	55	3	S	<i>Madhuca indica</i>		1		322	Khandabandha

Sl No	Tree no.	Name of the Species	Girth in cm	Height in Mtr	Nature	Botanical Name	0-29 cm	30-59 cm	60-89 cm	Plot No	Village Name
							S	S	S		
3	73	Jammu	65	4	S	<i>Syzygium cumini</i>			1	323	Khandabandha
4	112	Jammu	65	2	S	<i>Syzygium cumini</i>			1	323	Khandabandha
5	176	Jammu	60	1	S	<i>Syzygium cumini</i>			1	323	Khandabandha
6	181	Mango	30	2	S	<i>Mangifera indica</i>		1		323	Khandabandha
7	219	Sala	45	4	S	<i>Shorea robusta</i>		1		327	Khandabandha
8	312	Jammu	65	3	S	<i>Syzygium cumini</i>			1	328	Khandabandha
9	314	Jammu	60	3	S	<i>Syzygium cumini</i>			1	328	Khandabandha
10	394	Tentuli	50	3	S	<i>Tamarindus indica</i>		1		329	Khandabandha
11	413	Jammu	62	2	S	<i>Syzygium cumini</i>			1	352/408	Khandabandha
12	444	Achu	40	2	S	<i>Morinda tinctoria</i>		1		431	Guruda
13	449	Sala	66	5	S	<i>Shorea robusta</i>			1	431	Guruda
14	473	Sala	65	8	S	<i>Shorea robusta</i>			1	442	Guruda
15	474	Sala	60	8	S	<i>Shorea robusta</i>			1	442	Guruda
16	477	Sala	48	5	S	<i>Shorea robusta</i>		1		442	Guruda
17	480	Sala	60	6	S	<i>Shorea robusta</i>			1	442	Guruda
18	483	Sala	60	6	S	<i>Shorea robusta</i>			1	442	Guruda
19	491	Sala	60	6	S	<i>Shorea robusta</i>			1	442	Guruda
20	492	Mango	56	5	S	<i>Mangifera indica</i>		1		442	Guruda
21	494	Sala	50	4	S	<i>Shorea robusta</i>		1		442	Guruda
22	495	Mango	57	8	S	<i>Mangifera indica</i>		1		442	Guruda
23	498	Sala	60	5	S	<i>Shorea robusta</i>			1	442	Guruda
24	500	Sala	65	8	S	<i>Shorea robusta</i>			1	442	Guruda
25	501	Bela	45	4	S	<i>Aegle marmelos</i>		1		442	Guruda
26	506	Sala	50	5	S	<i>Shorea robusta</i>		1		442	Guruda
27	509	Sala	60	4	S	<i>Shorea robusta</i>			1	442	Guruda
28	520	Sala	54	4	S	<i>Shorea robusta</i>		1		549/679	Guruda
29	521	Sala	68	5	S	<i>Shorea robusta</i>			1	549/679	Guruda
30	522	Sala	45	4	S	<i>Shorea robusta</i>		1		549/679	Guruda
31	523	Sala	62	5	S	<i>Shorea robusta</i>			1	549/679	Guruda
32	524	Sala	60	2	S	<i>Shorea robusta</i>			1	549/679	Guruda
33	526	Sala	35	2	S	<i>Shorea robusta</i>		1		549/679	Guruda
34	527	Sala	42	3	S	<i>Shorea robusta</i>		1		549/679	Guruda
35	528	Sala	50	5	S	<i>Shorea robusta</i>		1		549/679	Guruda
36	529	Sala	45	5	S	<i>Shorea robusta</i>		1		549	Guruda
37	530	Sala	60	5	S	<i>Shorea robusta</i>			1	549	Guruda
38	532	Sala	38	4	S	<i>Shorea robusta</i>		1		549/679	Guruda
39	533	Sala	40	4	S	<i>Shorea robusta</i>		1		549/679	Guruda
40	534	Sala	40	4	S	<i>Shorea robusta</i>		1		549/679	Guruda
41	535	Sala	45	4	S	<i>Shorea robusta</i>		1		549	Guruda
42	537	Bahada	35	4	S	<i>Terminalia belerica</i>		1		549	Guruda
43	540	Sala	30	3	S	<i>Shorea robusta</i>		1		549	Guruda

44	557	Mahula	45	3	S	<i>Madhuca indica</i>		1		97	Palasha-Kha
45	560	Sala	55	5	S	<i>Shorea robusta</i>		1		97	Palasha-Kha
46	563	Sala	55	6	S	<i>Shorea robusta</i>		1		67	Jadibahal
47	693	Sala	52	4	S	<i>Shorea robusta</i>		1		622	Balda
48	699	Sala	50	6	S	<i>Shorea robusta</i>		1		320	Balda
49	724	Kanchana	60	3	S	<i>Bauhinia Veriegata</i>			1	327	Balda

Abstract

Sl.No	Name of the Species	Botanical Name	30-59CM	60-89 CM	TOTAL	REMARK
1	Achu	<i>Morinda tinctoria</i>	1	-	1	
2	Bahada	<i>Terminalia belerica</i>	1	-	1	
3	Bela	<i>Aegle marmelos</i>	2	-	2	
4	Jammu	<i>Syzygium cumini</i>	-	6	6	
5	kanchana	<i>Bauhinia Veriegata</i>	-	1	1	
6	Mahula	<i>Madhuca indica</i>	2	-	2	
7	Mango	<i>Mangifera indica</i>	3	-	3	
8	Sala	<i>Shorea robusta</i>	19	13	32	
9	Tentuli	<i>Tamarindus indica</i>	1	-	1	
Total			29	20	49	

Annexure-III: Map of proposed Tree Transplantation locations

Enclosed is a map illustrating the precise locations of the proposed trees to be transplanted within Champua Range. This map serves as a visual guide to understand the geographical distribution of the trees in relation to the challenging terrain.

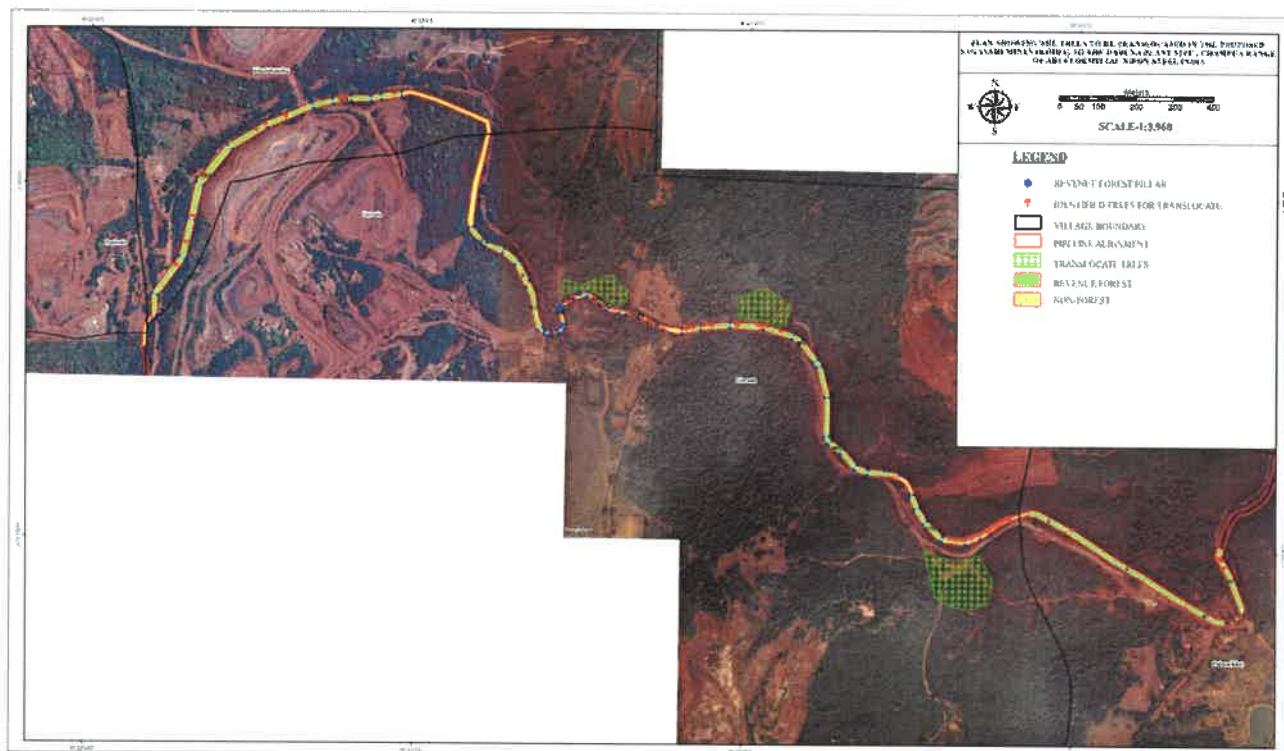


Fig: Total Tree Translocation Map

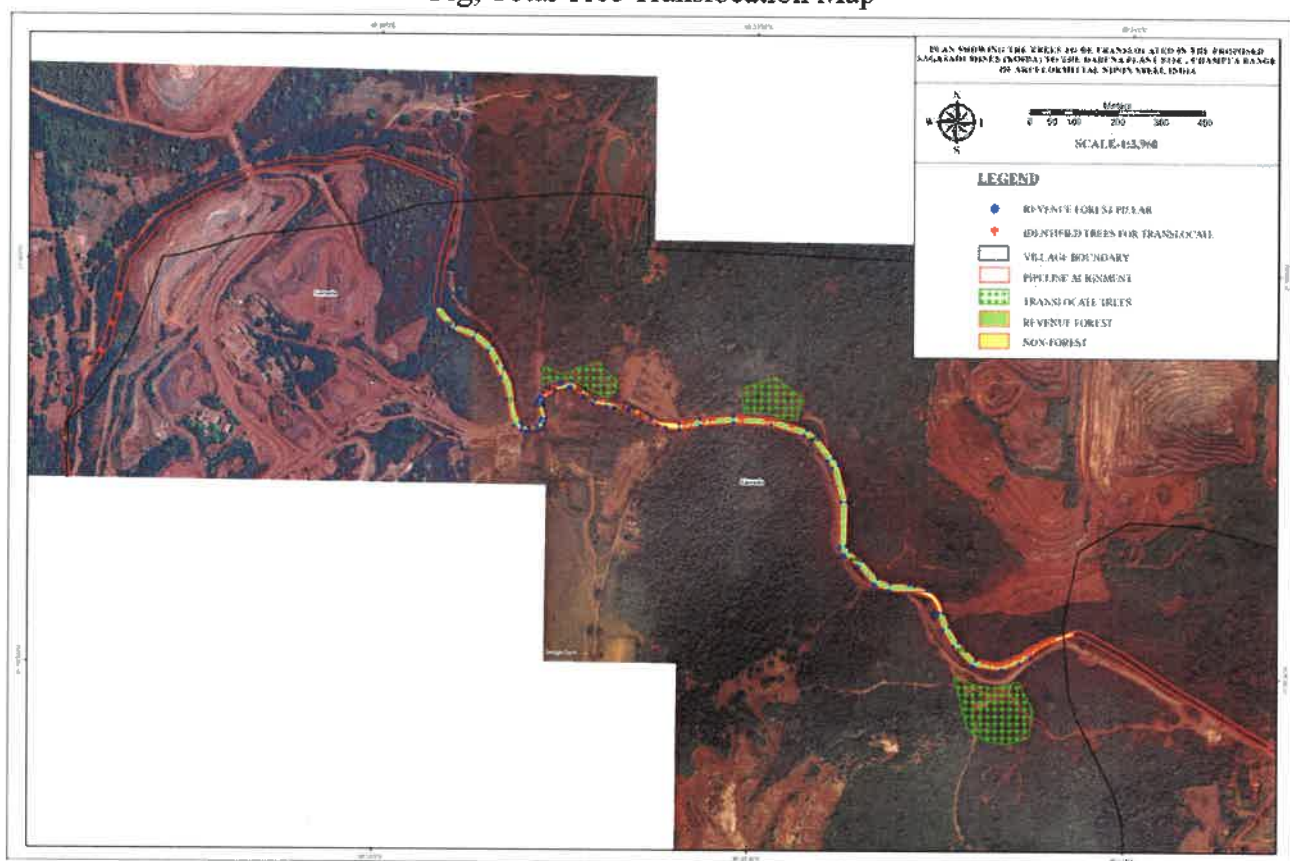


Fig: Guruda Tree Translocation Map

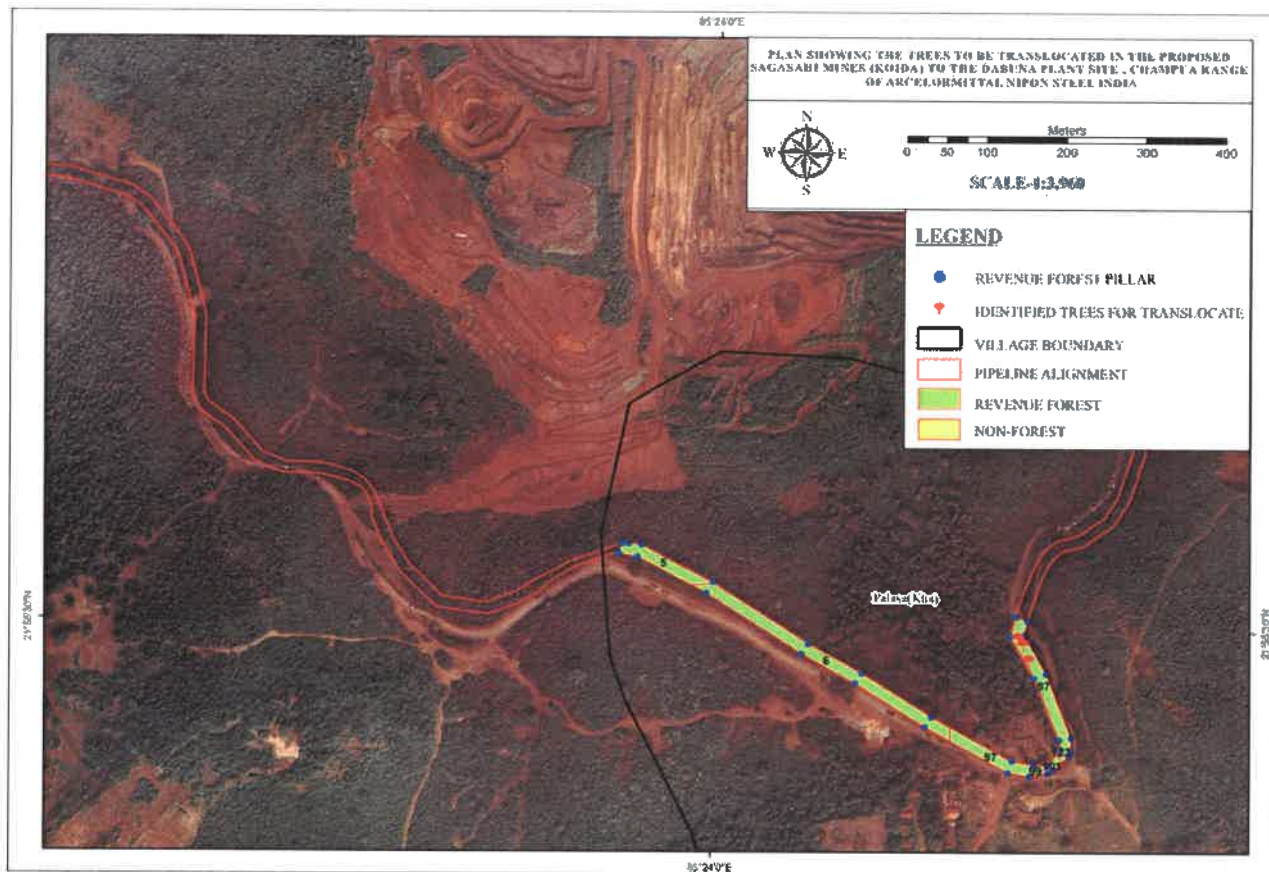


Fig: Palasa(Kha) Tree Translocation Map

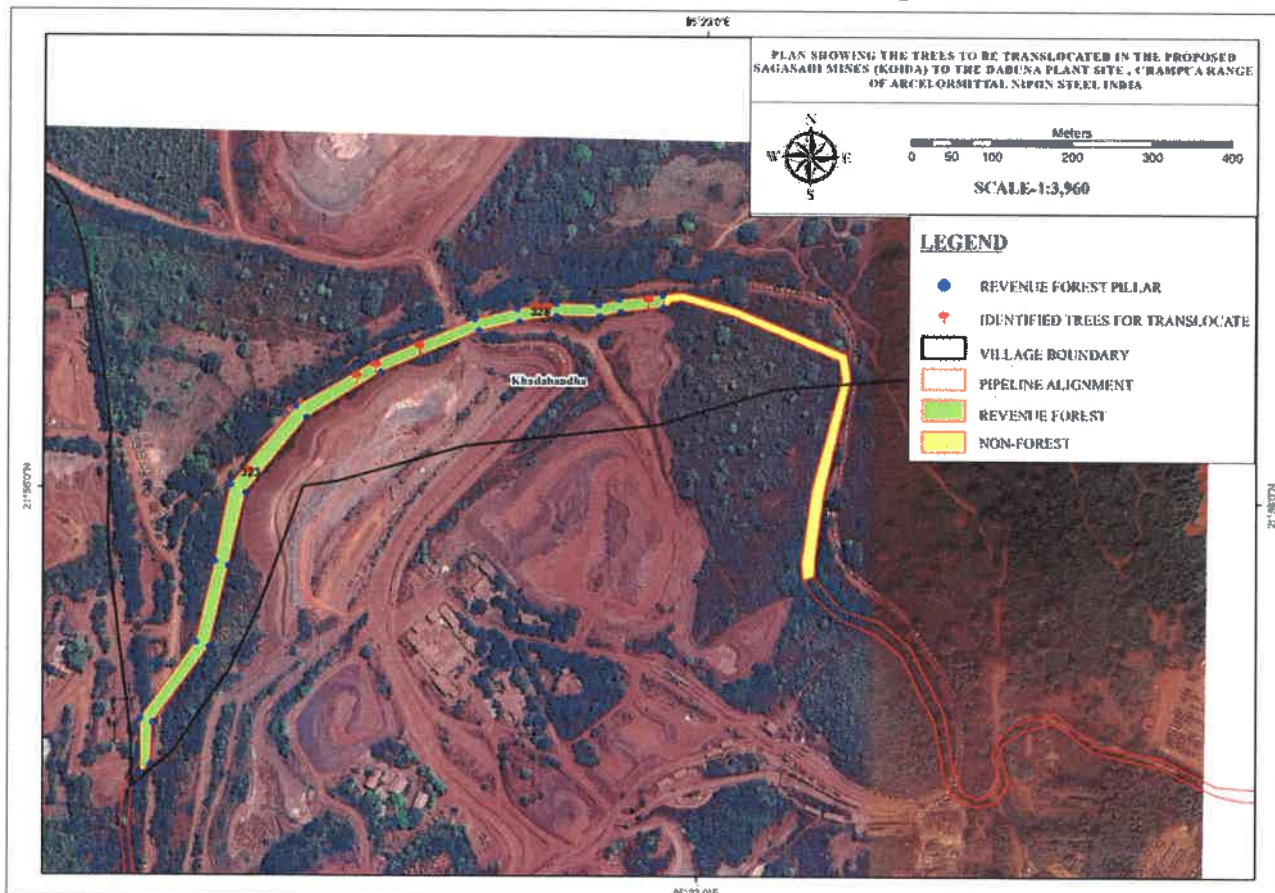


Fig: Khandabandha Tree Translocation Map

Mitigation Measures:

AM/NS India will implement mitigation measures to minimize any stress or shock the translocated trees might experience. This involves employing specialized techniques for tree extraction, root ball preservation, and post-translocation care.

Monitoring and Post-Translocation Care:

The contractor will implement a robust monitoring system to track the progress of translocated trees. Additionally, a post-translocation care plan will be established to ensure the ongoing health and acclimatization of the transplanted trees, including watering, fertilization, and protection measures.

Integration with Environmental Impact Mitigation:

The tree translocation plan is intricately integrated with the broader Environmental Impact Mitigation strategy of the project. By preserving and relocating trees, the initiative contributes to maintaining the overall biodiversity of the region, mitigating the impact of construction activities, and promoting sustainable development practices.

In essence, the tree translocation component of the Sagasahi-Dabuna Pipeline Project exemplifies a meticulous and environmentally conscious approach to infrastructure development, ensuring that the region's rich ecological tapestry remains intact and flourishes even amidst progressive industrial initiatives.

Conclusion:

The Sagasahi-Dabuna Pipeline Project, a venture spearheaded by M/S ArcelorMittal Nippon Steel India Limited, stands as a beacon of sustainable development, harmonizing industrial progress with environmental responsibility. The comprehensive, spanning 27.881 km, represents a significant stride in resource transportation infrastructure, strategically connecting the Beneficiation Plant at Dabuna in the district of Keonjhar to the proposed Sagasahi Plant in the district of Sundargarh, Odisha.

The integration of a Tree Translocation initiative, executed by Maptech Solution Pvt. Ltd., underscores a profound commitment to the preservation of the local forest ecosystem within Champua Range in Keonjhar Forest Division. This executive summary encapsulates the project's holistic approach, highlighting not only its infrastructural prowess but also its dedication to the delicate balance between progress and preservation.

The report meticulously details land usage intricacies, encompassing 12.649 Ha. of forest land & 1.570 Non-forest areas under the Keonjhar Division, where involving DLC Forest 1.488 Ha., Revenue Forest 4.657 Ha. & Non-Forest land recorded as forest as of 25.10.1980 (Sabik Forest) 6.504 Ha. The pipeline route, strategically planned in Topo Sheets F45N5 & F45N6, emphasizes environmental consciousness by maintaining a minimum depth of 1 meter beneath the ground surface.

The enumeration list, tree specifics, and Transplantation Location Map demonstrate meticulous planning to minimize environmental disturbance.

In conclusion, the Sagasahi-Dabuna Pipeline Project serves as a testament to the harmonious coexistence of industrial progress and ecological preservation. The successful implementation of the Tree Translocation initiative sets a standard for environmentally conscious development, securing approvals and support from relevant authorities, including the DFO Keonjhar, Odisha.

Beyond economic growth, this project endeavours to leave enduring legacy of responsible resource management and environmental stewardship. By seamlessly integrating the tree translocation initiative with the broader Environmental Impact Mitigation strategy, the project exemplifies a meticulous and environmentally conscious approach to infrastructure development. It is a model for sustainable progress, ensuring that the region's rich ecological tapestry remains intact and flourishes even amidst progressive industrial initiatives.

*Rakesh Mahapatra
(map tech solution)*

Submitted By

M/s ArcelorMittal Nippon Steel India Limited

Authorized Signatory



Alakrishna
Asst. Conservator of Forests
I/C, Champua Forest Range

Neeraj
Forest Section Officer
Joda Section

Renuka
Forest Section Officer
Bamebari Section

Pratik
Forest Section Officer
Dabuna Section

FORM NO. I
(for linear projects)
Government of Odisha
Office of the District Collector, Keonjhar

No. 2064

Dt. 15.12.2017

TO WHOMSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No.11-9/98-FC(Pt) dt.3rd August, 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights Act), 2006 ('FRA' for short) on the forest land proposed to be diverted for non-forest purposes, read with MoEF's letter dated 5th February 2013 wherein MoEF issued certain relaxation in respect of linear projects, it is certified that 12.650 hectares of forest land proposed to be diverted in favour of M/s Essar Steel Ltd. for in laying of 27 Km long dual 20" dia (Slurry & water) Pipe lines, Power & Communication cables from Ghoraburuni-Sagasahi Block mine (Kalamang) under Koira Tahasil in Sundargarh District in their beneficiation plant at Dabuna in Keonjhar District falls within jurisdiction of Dabuna, Purunadihi, Badakalimati, Balada, Unchabali, Kundaposi, Palasa (ka), Palasa (Kha), Guruda, Jadibahal and Khandabandha villages in Barbil Tahasil and Nayagarh village in Jhumpura Thasil

It is further certified that

- (a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire 12.650 hectares of forest land proposed for diversion. A copy of report of each of the panchayat samiti, Joda and Jhumpura, a copy of the proceeding of SDLC, Champua meeting and a copy of the proceeding of DLC meeting are enclosed as annexure I to annexure IV.
- (b) No such facilities managed by Government requiring diversion of forest land u/s 3(2) of Forest Rights Act, 2006 exist over the forest land proposed for diversion.
- (c) the proposal does not involve recognized rights of Primitive Tribal Groups and Pre-agricultural communities.

(Dr. N. Thirukumar Nair)
Collector, Keonjhar

Memo No 2065 rev dt. 15.12.2017
copy of the certificate along with related documents (Annexure I to IV) forwarded to the S.F.O. Keonjhar Division, Keonjhar for information & necessary action.

15.12.17
Addl. Dist. Magistrate
Keonjhar

Form-I

For Linear Projects

Government of Odisha

Office of the District Collector, Sundargarh

No. I/3215/2017

SSD Dtd.04.03.2017

TO WHOMSOEVER IT MAY CONCERNED

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No.11-9/98-FC(pt) dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Right) Act,2006 ('FRA' for short) on the forest land proposed to be diverted for non-forest purposes read with MoEF's letter no. F.NO.11-09/98-FC(pt.) dated 28.10.2014, wherein MoEF issues certain relaxation in respect of linear projects, it is certified that 3.816 hectares of forest land proposed to be diverted in favour of Essar Steel India Ltd, Bhubaneswar for construction laying 27 Kms long Dual (Slurry & water) pipelines, Power & Communication Cables from Ghoraburuhan-Sagasahi Block Mine Kalamang in Village Patabeda, Deoghar, Malda and Kalamang under Koira Tahasil in Bonai forest division which are as follows;

Land Schedule of Revenue Forest in Sundargarh District

Sl. No	Name of Tahasil	Name of Village	Khata No	Plot No	Kisam	Remarks	Area in Ha	Total
1	2	3	4	5	6	7		
01	Koira	Patabeda	27	4	Pahada	DLC	0.064	1.839
02			27	34	Pahada	DLC	0.324	
03			26	38	Jungle		0.040	
04			24	32	Bada Jungle	Bada jungle	0.322	
05			26	63	Goda-II	Chhota jungle	0.128	
06			26	67	Goda-II	Bada jungle	0.056	
07			26	182	Goda-I	Bada jungle	0.064	
08			27	187	Pahada	DLC	0.328	
09			27	205	Pahada	DLC	0.332	
10			27	207	Pahada	DLC	0.116	
11			26	206	Goda-I	Bada jungle	0.064	
12		Deoghar	27	5	Pahada	DLC	0.082	0.846
13		Malda	26	45	Dunguri	DLC	0.178	
14			26	10	Dunguri	DLC	0.080	
15			25	15	Jungle		0.034	
16			25	200	P Jungle		0.058	
17			26	196	Pahada	DLC	0.079	
18			25	251	Jungle		0.390	
19			25	260	Jungle		0.027	
20		Kalamang	98	830	Dunguri	DLC	0.076	1.049
21			97	878	Jungle		0.248	
22			95	872	Jungle		0.110	
23			98	869	Dunguri	DLC	0.022	
24			98	867	Dunguri	DLC	0.020	
25		Total	98	889	Dunguri	DLC	0.572	3.816
							3.816	3.816

It is further certified that,

(a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire 3.816 hectares of forest land proposed for diversion. No title has been issued on the forest land proposed for diversion. Copy of the joint field enquiry report of nine villages and the list of title holders are enclosed herewith for reference.

(b) The diversion of forest land for facilities managed by the Government as required under section 4 of the FRA have been completed.

(c) The proposal does not involve recognized rights of Primitive Tribal Groups and Pre-agricultural

Digitally signed by PO, N/A.

BHUPENDRA SINGH

Date: 2017.03.02 13:42:15 IST

Reason: Approved

Signature

(Full name and official seal of the District Collector)

COLLECTOR
SUNDARGARH

DISTANCE BETWEEN PILLAR TO PILLAR OF THE PROPOSED LAYING OF 20" DIA DUAL PIPELINES (SLURRY & WATER), POWER AND COMMUNICATION CABLE FROM KALAMANG GHORABURANI-SAGASAHU IRON ORE MINE, KOIRA TAHASIL, SUNDARGARH DISTRICT TO BENEFICIATION PLANT AT DUBUNA UNDER BARBIL TAHASIL OF KEONJHAR DISTRICT OF M/S ARCELORMITTAL NIPPON STEEL INDIA LIMITED (FORMERLY KNOWN AS M/S ESSAR STEEL INDIA LIMITED)

DISTANCE BETWEEN PILLAR TO PILLAR

VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTACNE BETWEEN ADJACENT CO- ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
PATCH - 19						
Khandbandha	P19.1	332339.392	2425979.868	85°22'35.98184"	21°55'48.44493"	68.646
Khandbandha	P19.2	332339.107	2426048.537	85°22'35.94659"	21°55'50.67735"	118.195
Khandbandha	P19.3	332408.718	2426144.058	85°22'38.33704"	21°55'53.80684"	102.781
Khandbandha	P19.4	332431.922	2426244.185	85°22'39.10868"	21°55'57.07012"	97.818
Khandbandha	P19.5	332451.053	2426340.114	85°22'39.73997"	21°56'00.19552"	127.009
Khandbandha	P19.6	332532.253	2426437.792	85°22'42.53350"	21°56'03.39911"	113.94
Khandbandha	P19.7	332630.734	2426495.096	85°22'45.94410"	21°56'05.29600"	134.286
Khandbandha	P19.8	332754.272	2426547.738	85°22'50.22963"	21°56'07.04989"	54.143
Khandbandha	P19.9	332806.899	2426560.458	85°22'52.05884"	21°56'07.48153"	49.123
Khandbandha	P19.10	332855.508	2426567.544	85°22'53.75013"	21°56'07.72856"	53.186
Khandbandha	P19.11	332908.679	2426566.302	85°22'55.60344"	21°56'07.70643"	26.074
Khandbandha	P19.12	332934.084	2426572.172	85°22'56.48654"	21°56'07.90599"	55.145
Khandbandha	P19.13	332988.852	2426578.759	85°22'58.39263"	21°56'08.13894"	15.01
Khandbandha	P19.14	332990.0231	2426563.795	85°22'58.43894"	21°56'07.65284"	53.729
Khandbandha	P19.15	332936.6778	2426557.386	85°22'56.58237"	21°56'07.42617"	27.175
Khandbandha	P19.16	332910.1819	2426551.351	85°22'55.66129"	21°56'07.22086"	53.82
Khandbandha	P19.17	332856.374	2426552.486	85°22'53.78584"	21°56'07.23933"	47.104
Khandbandha	P19.18	332809.758	2426545.721	85°22'52.16390"	21°56'07.00338"	52.218
Khandbandha	P19.19	332758.989	2426533.444	85°22'50.39927"	21°56'06.58681"	132.095
Khandbandha	P19.20	332637.474	2426481.644	85°22'46.18393"	21°56'04.86097"	109.094
Khandbandha	P19.21	332544.693	2426424.258	85°22'42.97198"	21°56'02.96335"	119.953
Khandbandha	P19.22	332469.121	2426331.104	85°22'40.37287"	21°55'59.90881"	93.747
Khandbandha	P19.23	332448.324	2426239.693	85°22'39.68189"	21°55'56.92973"	105.165
Khandbandha	P19.24	332423.944	2426137.393	85°22'38.87005"	21°55'53.59541"	117.206
Khandbandha	P19.25	332353.931	2426043.395	85°22'36.46506"	21°55'50.51529"	50.505
Khandbandha	P19.26	332351.705	2425991.715	85°22'36.40653"	21°55'48.83431"	17.087
PATCH - 20						
Guruda	P20.1	333067.466	2426184.92	85°23'01.27675"	21°55'55.36150"	15.00
Guruda	P20.2	333080.679	2426192.01	85°23'01.73457"	21°55'55.59653"	81.33
Guruda	P20.3	333130.753	2426127.92	85°23'03.50299"	21°55'53.53001"	31.87
Guruda	P20.4	333160.486	2426116.451	85°23'04.54328"	21°55'53.16733"	111.12
Guruda	P20.5	333271.277	2426107.959	85°23'08.40700"	21°55'52.92918"	58.79
Guruda	P20.6	333318.365	2426072.758	85°23'10.06075"	21°55'51.80084"	118.02
Guruda	P20.7	333363.44	2425963.687	85°23'11.67141"	21°55'48.27015"	7.43
Guruda	P20.8	333367.759	2425957.648	85°23'11.82414"	21°55'48.07531"	16.50
Guruda	P20.9	333383.243	2425951.941	85°23'12.36579"	21°55'47.89504"	18.127
Guruda	P20.10	333400.823	2425956.445	85°23'12.97671"	21°55'48.04750"	13.571
Guruda	P20.11	333409.454	2425966.918	85°23'13.27363"	21°55'48.39094"	6.764
Guruda	P20.12	333411.929	2425973.213	85°23'13.35757"	21°55'48.59644"	35.047
Guruda	P20.13	333402.392	2426006.937	85°23'13.01288"	21°55'49.68962"	10.261
Guruda	P20.14	333405.234	2426016.797	85°23'13.10831"	21°55'50.01117"	8.093
Guruda	P20.15	333409.364	2426023.757	85°23'13.24967"	21°55'50.23886"	11.753



Forest Section Officer
Bamebari Section

Forest Section Officer
Joda Section

[Signature]
Dubuna Chief

[Signature]
F.O. Khandbandha

DISTANCE BETWEEN PILLAR TO PILLAR						
VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO-ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
Guruda	P20.16	333415.025	2426033.106	85°23'13.44349"	21°55'50.54475"	19.448
Guruda	P20.17	333430.853	2426044.406	85°23'13.99089"	21°55'50.91752"	22.175
Guruda	P20.18	333451.534	2426052.407	85°23'14.70861"	21°55'51.18474"	3.494
Guruda	P20.19	333454.987	2426052.938	85°23'14.82873"	21°55'51.20317"	4.992
Guruda	P20.20	333459.627	2426051.096	85°23'14.99109"	21°55'51.14487"	21.672
Guruda	P20.21	333480.09	2426058.608	85°23'15.70141"	21°55'51.39610"	68.591
Guruda	P20.22	333534.923	2426017.401	85°23'17.62722"	21°55'50.07511"	81.779
Guruda	P20.23	333615.044	2426001.016	85°23'20.42508"	21°55'49.56979"	54.025
Guruda	P20.24	333663.371	2425976.867	85°23'22.11791"	21°55'48.80117"	5.435
Guruda	P20.25	333660.703	2425972.076	85°23'22.02669"	21°55'48.64449"	39.405
Guruda	P20.26	333696.286	2425953.331	85°23'23.27348"	21°55'48.04718"	19.619
Guruda	P20.27	333677.417	2425958.705	85°23'22.61400"	21°55'48.21547"	73.311
Guruda	P20.28	333611.782	2425991.363	85°23'20.31495"	21°55'49.25483"	36.016
Guruda	P20.29	333576.526	2425998.724	85°23'19.08374"	21°55'49.48210"	17.672
Guruda	P20.30	333559.46	2426003.314	85°23'18.48736"	21°55'49.62550"	31.996
Guruda	P20.31	333528.161	2426010.03	85°23'17.39426"	21°55'49.83317"	20.331
Guruda	P20.32	333511.911	2426022.225	85°23'16.82355"	21°55'50.22409"	5.995
Guruda	P20.33	333507.847	2426026.633	85°23'16.68034"	21°55'50.36602"	35.818
Guruda	P20.34	333478.485	2426047.347	85°23'15.64961"	21°55'51.02943"	6.743
Guruda	P20.35	333472.234	2426044.819	85°23'15.43271"	21°55'50.94512"	29.989
Guruda	P20.36	333443.051	2426037.914	85°23'14.41834"	21°55'50.71063"	32.691
Guruda	P20.37	333415.585	2426020.177	85°23'13.46774"	21°55'50.12457"	8.312
Guruda	P20.38	333412.738	2426012.368	85°23'13.37140"	21°55'49.86974"	5.418
Guruda	P20.39	333412.839	2426006.951	85°23'13.37692"	21°55'49.69365"	33.831
Guruda	P20.40	333421.9279	2425974.364	85°23'13.70556"	21°55'48.63728"	3.24
Guruda	P20.41	333421.756	2425971.128	85°23'13.70076"	21°55'48.53203"	9.925
Guruda	P20.42	333418.077	2425961.91	85°23'13.57593"	21°55'48.23106"	15.26
Guruda	P20.43	333408.557	2425949.984	85°23'13.24858"	21°55'47.84009"	3.148
Guruda	P20.44	333406.187	2425947.912	85°23'13.16673"	21°55'47.77191"	1.564
Guruda	P20.45	333404.813	2425947.165	85°23'13.11916"	21°55'47.74714"	19.958
Guruda	P20.46	333385.49	2425942.172	85°23'12.44765"	21°55'47.57822"	2.643
Guruda	P20.47	333382.857	2425941.944	85°23'12.35597"	21°55'47.56989"	1.162
Guruda	P20.48	333381.701	2425942.064	85°23'12.31565"	21°55'47.57341"	7.339
Guruda	P20.49	333374.673	2425944.36	85°23'12.06992"	21°55'47.64563"	9.862
Guruda	P20.50	333365.059	2425946.557	85°23'11.73413"	21°55'47.71380"	19.264
Guruda	P20.51	333349.522	2425957.946	85°23'11.18854"	21°55'48.07876"	113.853
Guruda	P20.52	333306.065	2426063.179	85°23'09.63565"	21°55'51.48518"	50.324
Guruda	P20.53	333265.781	2426093.34	85°23'08.22086"	21°55'52.45199"	108.158
Guruda	P20.54	333157.888	2426101.682	85°23'04.45817"	21°55'52.68626"	37.357
Guruda	P20.55	333123.022	2426115.116	85°23'03.23828"	21°55'53.11108"	5.429
Guruda	P20.56	333118.945	2426118.701	85°23'03.09489"	21°55'53.22626"	83.875
PATCH - 21						
Guruda	P21.1	333727.006	2425949.647	85°23'24.34530"	21°55'47.93791"	14.902
Guruda	P21.2	333726.171	2425964.526	85°23'24.31076"	21°55'48.42137"	48.419
Guruda	P21.3	333773.725	2425973.637	85°23'25.96448"	21°55'48.73382"	77.2
Guruda	P21.4	333850.574	2425980.991	85°23'28.63966"	21°55'48.99909"	89.49
Guruda	P21.5	333939.907	2425975.700	85°23'31.75447"	21°55'48.85754"	82.646



Forest Section Officer
Bamebari Section

Forest Section Officer
Joda Section

[Signature]
Jyoti Prasad

[Signature]
Fg-khaadband

DISTANCE BETWEEN PILLAR TO PILLAR						
VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO- ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
Guruda	P21.6	334018.820	2425951.143	85°23'34.51323"	21°55'48.08603"	26.382
Guruda	P21.7	334041.056	2425936.945	85°23'35.29324"	21°55'47.63200"	64.636
Guruda	P21.8	334080.871	2425886.027	85°23'36.69921"	21°55'45.99013"	20.316
Guruda	P21.9	334091.678	2425868.824	85°23'37.08206"	21°55'45.43450"	85.088
Guruda	P21.10	334112.763	2425786.390	85°23'37.84686"	21°55'42.76162"	100.729
Guruda	P21.11	334110.626	2425683.955	85°23'37.80979"	21°55'39.43052"	13.525
Guruda	P21.12	334117.805	2425672.492	85°23'38.06411"	21°55'39.06029"	37.941
Guruda	P21.13	334148.679	2425650.440	85°23'39.14798"	21°55'38.35384"	54.417
Guruda	P21.14	334184.015	2425609.057	85°23'40.39435"	21°55'37.02041"	31.572
Guruda	P21.15	334213.302	2425597.266	85°23'41.41917"	21°55'36.64704"	42.681
Guruda	P21.16	334255.954	2425595.690	85°23'42.90594"	21°55'36.61031"	12.279
Guruda	P21.17	334268.032	2425593.478	85°23'43.32761"	21°55'36.54249"	29.702
Guruda	P21.18	334296.521	2425585.078	85°23'44.32339"	21°55'36.27908"	9.822
Guruda	P21.19	334304.999	2425580.118	85°23'44.62060"	21°55'36.12073"	93.451
Guruda	P21.20	334211.521	2425582.423	85°23'41.36251"	21°55'36.16385"	3.073
Guruda	P21.21	334208.419	2425583.127	85°23'41.25418"	21°55'36.18568"	32.261
Guruda	P21.22	334178.425	2425595.140	85°23'40.20466"	21°55'36.56604"	4.796
Guruda	P21.23	334174.317	2425597.615	85°23'40.06061"	21°55'36.64514"	54.984
Guruda	P21.24	334138.467	2425639.305	85°23'38.79619"	21°55'37.98834"	36.791
Guruda	P21.25	334108.552	2425660.721	85°23'37.74600"	21°55'38.67445"	3.985
Guruda	P21.26	334105.721	2425663.601	85°23'37.64629"	21°55'38.76711"	16.763
Guruda	P21.27	334096.858	2425677.965	85°23'37.33220"	21°55'39.23109"	4.352
Guruda	P21.28	334095.716	2425682.176	85°23'37.29089"	21°55'39.36761"	102.405
Guruda	P21.29	334098.230	2425785.194	85°23'37.34088"	21°55'42.71776"	80.306
Guruda	P21.30	334077.766	2425862.849	85°23'36.59947"	21°55'45.23551"	17.248
Guruda	P21.31	334068.540	2425877.422	85°23'36.27266"	21°55'45.70617"	61.298
Guruda	P21.32	334030.778	2425925.707	85°23'34.93920"	21°55'47.26313"	21.875
Guruda	P21.33	334012.392	2425937.559	85°23'34.29420"	21°55'47.64221"	78.7
Guruda	P21.34	333937.226	2425960.879	85°23'31.66648"	21°55'48.37476"	86.497
Guruda	P21.35	333850.877	2425965.945	85°23'28.65573"	21°55'48.51005"	75.435
Guruda	P21.36	333775.796	2425958.643	85°23'26.04213"	21°55'48.24703"	49.612
PATCH - 22						
Guruda	P22.1	334321.892	2425534.734	85°23'45.22578"	21°55'34.65094"	13.682
Guruda	P22.2	334335.386	2425532.433	85°23'45.69680"	21°55'34.58072"	35.345
Guruda	P22.3	334348.292	2425499.528	85°23'46.15851"	21°55'33.51531"	40.293
Guruda	P22.4	334369.312	2425465.152	85°23'46.90346"	21°55'32.40481"	57.836
Guruda	P22.5	334410.358	2425424.406	85°23'48.34855"	21°55'31.09404"	56.049
Guruda	P22.6	334465.875	2425416.707	85°23'50.28584"	21°55'30.86258"	37.59
Guruda	P22.7	334501.09	2425429.857	85°23'51.50809"	21°55'31.30209"	39.652
Guruda	P22.8	334535.201	2425450.094	85°23'52.68933"	21°55'31.97159"	18.67
Guruda	P22.9	334533.272	2425431.499	85°23'52.62889"	21°55'31.36640"	28.574
Guruda	P22.10	334508.687	2425416.898	85°23'51.77753"	21°55'30.88333"	39.988
Guruda	P22.11	334471.052	2425402.628	85°23'50.47134"	21°55'30.40661"	4.803
Guruda	P22.12	334466.262	2425401.702	85°23'50.30477"	21°55'30.37487"	60.819
Guruda	P22.13	334405.9529	2425410.061	85°23'48.20028"	21°55'30.62613"	4.748
Guruda	P22.14	334401.646	2425412.187	85°23'48.04942"	21°55'30.69382"	61.587
Guruda	P22.15	334357.817	2425455.521	85°23'46.50645"	21°55'32.08777"	45.138



Forest Section Office
Bamebari Section

Forest Section Office
Joda Section

Debarua

For Khondabadi

DISTANCE BETWEEN PILLAR TO PILLAR

VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO-ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
Guruda	P22.16	334334.329	2425494.067	85°23'45.67396"	21°55'33.33299"	35.103
Guruda	P22.17	334321.508	2425526.745	85°23'45.21532"	21°55'34.39107"	7.998
PATCH - 23						
Palasa(Kha)	P23.1	334635.395	2425492.404	85°23'56.16518"	21°55'33.38118"	8.07
Palasa(Kha)	P23.2	334643.368	2425493.654	85°23'56.44253"	21°55'33.42454"	16.684
Palasa(Kha)	P23.3	334659.838	2425490.993	85°23'57.01743"	21°55'33.34362"	101.97
Palasa(Kha)	P23.4	334749.83	2425443.018	85°24'00.17060"	21°55'31.81439"	139.222
Palasa(Kha)	P23.5	334869.111	2425364.909	85°24'04.35532"	21°55'29.31532"	76.396
Palasa(Kha)	P23.6	334935.76	2425327.569	85°24'06.69121"	21°55'28.12390"	104.212
Palasa(Kha)	P23.7	335023.623	2425271.532	85°24'09.77311"	21°55'26.33179"	114.372
Palasa(Kha)	P23.8	335124.674	2425214.623	85°24'13.31482"	21°55'24.51574"	27.511
Palasa(Kha)	P23.9	335151.792	2425209.992	85°24'14.26141"	21°55'24.37435"	17.37
Palasa(Kha)	P23.10	335169.162	2425209.983	85°24'14.86665"	21°55'24.37992"	26.444
Palasa(Kha)	P23.11	335186.443	2425230.09	85°24'15.46152"	21°55'25.03949"	12.587
Palasa(Kha)	P23.12	335184.148	2425242.466	85°24'15.37705"	21°55'25.44108"	85.824
Palasa(Kha)	P23.13	335153.084	2425322.471	85°24'14.26563"	21°55'28.03170"	60.287
Palasa(Kha)	P23.14	335122.941	2425374.681	85°24'13.19640"	21°55'29.71898"	26.602
Palasa(Kha)	P23.15	335129.978	2425400.335	85°24'13.43229"	21°55'30.55542"	15.222
Palasa(Kha)	P23.16	335143.845	2425394.091	85°24'13.91775"	21°55'30.35709"	17.984
Palasa(Kha)	P23.17	335139.087	2425376.743	85°24'13.75826"	21°55'29.79148"	56.269
Palasa(Kha)	P23.18	335167.055	2425327.917	85°24'14.75048"	21°55'28.21350"	88.747
Palasa(Kha)	P23.19	335198.898	2425245.08	85°24'15.89007"	21°55'25.53107"	16.802
Palasa(Kha)	P23.20	335198.5	2425228.283	85°24'15.88228"	21°55'24.98483"	6.687
Palasa(Kha)	P23.21	335195.987	2425222.086	85°24'15.79696"	21°55'24.78250"	26.506
Palasa(Kha)	P23.22	335176.953	2425203.639	85°24'15.14043"	21°55'24.17630"	8.27
Palasa(Kha)	P23.23	335169.509	2425200.036	85°24'14.88234"	21°55'24.05666"	22.85
Palasa(Kha)	P23.24	335147.098	2425195.581	85°24'14.10307"	21°55'23.90424"	27.975
Palasa(Kha)	P23.25	335119.559	2425200.547	85°24'13.14169"	21°55'24.05637"	119.232
Palasa(Kha)	P23.26	335015.574	2425258.883	85°24'09.49723"	21°55'25.91782"	103.779
Palasa(Kha)	P23.27	334928.072	2425314.681	85°24'06.42801"	21°55'27.70227"	76.739
Palasa(Kha)	P23.28	334861.144	2425352.224	85°24'04.08229"	21°55'28.90021"	141.772
Palasa(Kha)	P23.29	334742.071	2425430.155	85°23'59.90493"	21°55'31.39352"	98.653
Palasa(Kha)	P23.30	334655.024	2425476.579	85°23'56.85490"	21°55'32.87336"	24.292
Palasa(Kha)	P23.31	334631.041	2425480.444	85°23'56.01780"	21°55'32.99087"	12.717
PATCH - 24						
Jadibahal	P24.1	335129.974	2425400.335	85°24'13.43216"	21°55'30.55542"	16.727
Jadibahal	P24.2	335134.423	2425416.461	85°24'13.58132"	21°55'31.08121"	46.097
Jadibahal	P24.3	335150.675	2425459.598	85°24'14.13201"	21°55'32.48918"	27.401
Jadibahal	P24.4	335164.271	2425483.388	85°24'14.59712"	21°55'33.26723"	22.893
Jadibahal	P24.5	335181.824	2425498.085	85°24'15.20342"	21°55'33.75101"	26.196
Jadibahal	P24.6	335207.272	2425504.300	85°24'16.08790"	21°55'33.96167"	42.723
Jadibahal	P24.7	335242.397	2425528.647	85°24'17.30301"	21°55'34.76513"	29.503
Jadibahal	P24.8	335258.217	2425553.550	85°24'17.84527"	21°55'35.58011"	60.64
Jadibahal	P24.9	335276.877	2425611.248	85°24'18.47456"	21°55'37.46232"	50.651
Jadibahal	P24.10	335281.986	2425661.641	85°24'18.63431"	21°55'39.10242"	24.713
Jadibahal	P24.11	335290.480	2425684.848	85°24'18.92189"	21°55'39.85981"	22.632
Jadibahal	P24.12	335302.392	2425704.092	85°24'19.32999"	21°55'40.48950"	60.117



Forest Section Officer
Bamebari Section

Forest Section Officer
Joda Section

F.G. Khargh

DISTANCE BETWEEN PILLAR TO PILLAR						
VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO- ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
Jadibahal	P24.13	335346.540	2425744.896	85°24'20.85358"	21°55'41.83104"	22.464
Jadibahal	P24.14	335366.036	2425758.303	85°24'21.52808"	21°55'42.27351"	35.911
Jadibahal	P24.15	335400.703	2425767.673	85°24'22.73267"	21°55'42.58985"	5.299
Jadibahal	P24.16	335409.994	2425768.053	85°24'23.05631"	21°55'42.60534"	55.013
Jadibahal	P24.17	335464.821	2425763.534	85°24'24.96841"	21°55'42.47694"	77.031
Jadibahal	P24.18	335538.961	2425784.471	85°24'27.54429"	21°55'43.18269"	43.245
Jadibahal	P24.19	335579.999	2425798.111	85°24'28.96936"	21°55'43.64001"	49.316
Jadibahal	P24.20	335629.224	2425801.100	85°24'30.68356"	21°55'43.75379"	36.325
Jadibahal	P24.21	335665.388	2425797.605	85°24'31.94499"	21°55'43.65236"	62.986
Jadibahal	P24.22	335718.366	2425831.660	85°24'33.77874"	21°55'44.77743"	69.741
Jadibahal	P24.23	335772.694	2425875.389	85°24'35.65605"	21°55'46.21745"	74.204
Jadibahal	P24.24	335832.968	2425918.670	85°24'37.74075"	21°55'47.64493"	46.29
Jadibahal	P24.25	335872.438	2425942.871	85°24'39.10738"	21°55'48.44505"	54.479
Jadibahal	P24.26	335922.966	2425963.239	85°24'40.86074"	21°55'49.12428"	33.995
Jadibahal	P24.27	335953.938	2425977.252	85°24'41.93494"	21°55'49.59029"	43.232
Jadibahal	P24.28	335980.687	2426011.215	85°24'42.85477"	21°55'50.70350"	65.984
Jadibahal	P24.29	336019.337	2426064.695	85°24'44.18229"	21°55'52.45528"	37.579
Jadibahal	P24.30	336045.669	2426091.505	85°24'45.09021"	21°55'53.33580"	19.893
Jadibahal	P24.31	336045.665	2426111.399	85°24'45.08288"	21°55'53.98257"	97.509
Jadibahal	P24.32	336136.687	2426146.370	85°24'48.24208"	21°55'55.15018"	16.455
Jadibahal	P24.33	336152.028	2426140.358	85°24'48.77882"	21°55'54.95990"	98.982
Jadibahal	P24.34	336059.446	2426105.244	85°24'45.56534"	21°55'53.78712"	4.796
Jadibahal	P24.35	336060.430	2426100.540	85°24'45.60131"	21°55'53.63451"	17.184
Jadibahal	P24.36	336057.470	2426083.613	85°24'45.50426"	21°55'53.08316"	39.107
Jadibahal	P24.37	336030.808	2426055.003	85°24'44.58552"	21°55'52.14401"	64.849
Jadibahal	P24.38	335992.849	2426002.424	85°24'43.28174"	21°55'50.42180"	46.226
Jadibahal	P24.39	335964.101	2425966.225	85°24'42.29307"	21°55'49.23521"	7.66
Jadibahal	P24.40	335961.012	2425964.071	85°24'42.18621"	21°55'49.16415"	34.998
Jadibahal	P24.41	335929.155	2425949.581	85°24'41.08132"	21°55'48.68231"	53.848
Jadibahal	P24.42	335879.220	2425929.397	85°24'39.34855"	21°55'48.00928"	44.479
Jadibahal	P24.43	335841.280	2425906.182	85°24'38.03490"	21°55'47.24171"	71.245
Jadibahal	P24.44	335783.429	2425864.600	85°24'36.03403"	21°55'45.87030"	71.344
Jadibahal	P24.45	335727.763	2425819.977	85°24'34.11043"	21°55'44.40076"	63.577
Jadibahal	P24.46	335675.427	2425783.880	85°24'32.29978"	21°55'43.20952"	10.023
Jadibahal	P24.47	335665.497	2425782.512	85°24'31.95425"	21°55'43.16170"	35.963
Jadibahal	P24.48	335628.950	2425786.038	85°24'30.67947"	21°55'43.26398"	46.168
Jadibahal	P24.49	335582.866	2425783.260	85°24'29.07463"	21°55'43.15814"	41.52
Jadibahal	P24.50	335543.029	2425770.021	85°24'27.69129"	21°55'42.71426"	79.646
Jadibahal	P24.51	335466.308	2425748.636	85°24'25.02563"	21°55'41.99307"	35.016
Jadibahal	P24.52	335430.930	2425752.503	85°24'23.79144"	21°55'42.10685"	11.896
Jadibahal	P24.53	335419.903	2425756.967	85°24'23.40560"	21°55'42.24826"	11.039
Jadibahal	P24.54	335410.432	2425762.996	85°24'23.07340"	21°55'42.44107"	41.374
Jadibahal	P24.55	335370.068	2425752.244	85°24'21.67077"	21°55'42.07787"	18.431
Jadibahal	P24.56	335360.420	2425736.533	85°24'21.34026"	21°55'41.56383"	62.504
Jadibahal	P24.57	335314.068	2425694.473	85°24'19.74035"	21°55'40.18071"	19.064
Jadibahal	P24.58	335304.037	2425678.261	85°24'19.39668"	21°55'39.65023"	21.285
Jadibahal	P24.59	335296.725	2425658.271	85°24'19.14914"	21°55'38.99785"	49.403



Forest Section Officer
Bamebari Section

Forest Section Officer
Joda Section

Dabma Bazar

Forest Section Officer
Joda Section

DISTANCE BETWEEN PILLAR TO PILLAR

VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO- ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
Jadibahal	P24.60	335291.694	2425608.658	85°24'18.99181"	21°55'37.38311"	41.826
Jadibahal	P24.61	335279.363	2425568.371	85°24'18.57672"	21°55'36.06912"	23.491
Jadibahal	P24.62	335271.226	2425546.068	85°24'18.30127"	21°55'35.34126"	32.878
Jadibahal	P24.63	335253.355	2425518.471	85°24'17.68854"	21°55'34.43798"	2.902
Jadibahal	P24.64	335251.125	2425516.469	85°24'17.61155"	21°55'34.37213"	44.425
Jadibahal	P24.65	335214.271	2425491.013	85°24'16.33661"	21°55'33.53205"	26.225
Jadibahal	P24.66	335188.792	2425484.352	85°24'15.45122"	21°55'33.30688"	16.682
Jadibahal	P24.67	335175.966	2425473.623	85°24'15.00816"	21°55'32.95371"	23.364
Jadibahal	P24.68	335164.402	2425453.321	85°24'14.61258"	21°55'32.28975"	62.696
Jadibahal	P24.69	335143.860	2425394.096	85°24'13.91829"	21°55'30.35728"	15.211
PATCH - 25						
Jadibahal	P25.1	336280.143	2425637.780	85°24'53.42421"	21°55'38.66303"	4.169
Jadibahal	P25.2	336284.312	2425637.764	85°24'53.56949"	21°55'38.66392"	18.774
Jadibahal	P25.3	336283.127	2425619.022	85°24'53.53494"	21°55'38.05418"	5.501
Jadibahal	P25.4	336283.501	2425613.534	85°24'53.54995"	21°55'37.87586"	25.058
Jadibahal	P25.5	336288.668	2425589.015	85°24'53.73883"	21°55'37.08044"	5.288
Jadibahal	P25.6	336288.025	2425583.766	85°24'53.71832"	21°55'36.90957"	25.106
Jadibahal	P25.7	336281.708	2425559.468	85°24'53.50693"	21°55'36.11748"	16.879
Jadibahal	P25.8	336282.184	2425542.596	85°24'53.52961"	21°55'35.56909"	22.837
Jadibahal	P25.9	336281.025	2425519.788	85°24'53.49745"	21°55'34.82716"	28.251
Jadibahal	P25.10	336279.358	2425491.582	85°24'53.44950"	21°55'33.90955"	32.122
Jadibahal	P25.11	336278.640	2425459.465	85°24'53.43606"	21°55'32.86510"	94.554
Jadibahal	P25.12	336273.630	2425365.044	85°24'53.29547"	21°55'29.79358"	22.693
Jadibahal	P25.13	336274.853	2425342.378	85°24'53.34625"	21°55'29.05710"	18.611
Jadibahal	P25.14	336277.460	2425323.951	85°24'53.44373"	21°55'28.45887"	13.373
Jadibahal	P25.15	336281.030	2425311.063	85°24'53.57278"	21°55'28.04105"	10.741
Jadibahal	P25.16	336287.479	2425302.473	85°24'53.80056"	21°55'27.76393"	34.722
Jadibahal	P25.17	336317.089	2425284.338	85°24'54.83884"	21°55'27.18427"	30.022
Jadibahal	P25.18	336344.075	2425271.183	85°24'55.78390"	21°55'26.76563"	38.984
Jadibahal	P25.19	336378.201	2425252.337	85°24'56.97980"	21°55'26.16435"	23.405
Jadibahal	P25.20	336399.229	2425242.061	85°24'57.71620"	21°55'25.83733"	49.963
Jadibahal	P25.21	336442.450	2425216.997	85°24'59.23124"	21°55'25.03693"	76.505
Jadibahal	P25.22	336509.534	2425180.218	85°25'01.58201"	21°55'23.86367"	70.511
Jadibahal	P25.23	336569.708	2425143.464	85°25'03.69193"	21°55'22.68890"	32.229
Jadibahal	P25.24	336594.536	2425122.915	85°25'04.56444"	21°55'22.02914"	58.625
Jadibahal	P25.25	336635.005	2425080.499	85°25'05.98982"	21°55'20.66367"	15.51
Jadibahal	P25.26	336644.867	2425068.528	85°25'06.33776"	21°55'20.27776"	37.675
Jadibahal	P25.27	336647.176	2425030.924	85°25'06.43170"	21°55'19.05593"	31.116
Jadibahal	P25.28	336640.037	2425000.638	85°25'06.19381"	21°55'18.06887"	9.088
Jadibahal	P25.29	336638.540	2424991.674	85°25'06.14489"	21°55'17.77693"	12.951
Jadibahal	P25.30	336634.651	2424979.321	85°25'06.01379"	21°55'17.37400"	26.428
Jadibahal	P25.31	336622.840	2424955.679	85°25'05.61075"	21°55'16.60138"	33.852
Jadibahal	P25.32	336608.176	2424923.927	85°25'05.11122"	21°55'15.56415"	3.521
Jadibahal	P25.33	336604.705	2424924.494	85°25'04.99008"	21°55'15.58141"	35.835
Jadibahal	P25.34	336619.734	2424957.260	85°25'05.50197"	21°55'16.65174"	26.413
Jadibahal	P25.35	336630.468	2424981.394	85°25'05.86730"	21°55'17.44001"	11.537
Jadibahal	P25.36	336634.692	2424992.130	85°25'06.01063"	21°55'17.79048"	9.531



Forest Section Officer
Bamebari Section

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Forest Section Officer
Joda Section

Sd/-
Dakshina Prasad

Sd/-
Fg. Jhaadant

DISTANCE BETWEEN PILLAR TO PILLAR						
VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO- ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
Jadibahal	P25.37	336636.671	2425001.453	85°25'06.07623"	21°55'18.09425"	28.687
Jadibahal	P25.38	336644.200	2425029.147	85°25'06.32864"	21°55'18.99716"	35.419
Jadibahal	P25.39	336641.662	2425064.817	85°25'06.22740"	21°55'20.15603"	15.791
Jadibahal	P25.40	336632.297	2425077.532	85°25'05.89652"	21°55'20.56628"	58.709
Jadibahal	P25.41	336592.173	2425120.402	85°25'04.48300"	21°55'21.94662"	31.762
Jadibahal	P25.42	336567.693	2425140.640	85°25'03.62274"	21°55'22.59641"	70.187
Jadibahal	P25.43	336507.802	2425177.236	85°25'01.52273"	21°55'23.76614"	76.515
Jadibahal	P25.44	336440.703	2425214.010	85°24'59.17146"	21°55'24.93924"	49.844
Jadibahal	P25.45	336397.588	2425239.021	85°24'57.66012"	21°55'25.73794"	23.434
Jadibahal	P25.46	336376.542	2425249.328	85°24'56.92308"	21°55'26.06598"	38.913
Jadibahal	P25.47	336342.481	2425268.144	85°24'55.72944"	21°55'26.66629"	30.247
Jadibahal	P25.48	336315.292	2425281.397	85°24'54.77728"	21°55'27.08803"	35.508
Jadibahal	P25.49	336284.987	2425300.069	85°24'53.71461"	21°55'27.68493"	11.693
Jadibahal	P25.50	336277.829	2425309.741	85°24'53.46170"	21°55'27.99697"	13.841
Jadibahal	P25.51	336274.058	2425323.368	85°24'53.32540"	21°55'28.43874"	18.71
Jadibahal	P25.52	336270.422	2425341.721	85°24'53.19209"	21°55'29.03423"	23.439
Jadibahal	P25.53	336270.184	2425365.197	85°24'53.17535"	21°55'29.79740"	94.39
Jadibahal	P25.54	336275.196	2425459.469	85°24'53.31604"	21°55'32.86409"	32.328
Jadibahal	P25.55	336275.917	2425491.788	85°24'53.32954"	21°55'33.91510"	28.12
Jadibahal	P25.56	336277.576	2425519.859	85°24'53.37722"	21°55'34.82830"	26.505
Jadibahal	P25.57	336277.573	2425546.364	85°24'53.36758"	21°55'35.69003"	10.87
Jadibahal	P25.58	336278.308	2425557.209	85°24'53.38930"	21°55'36.04287"	22.547
Jadibahal	P25.59	336279.291	2425580.126	85°24'53.41530"	21°55'36.78829"	8.826
Jadibahal	P25.60	336278.776	2425588.937	85°24'53.39415"	21°55'37.07458"	17.173
Jadibahal	P25.61	336278.763	2425606.110	85°24'53.38752"	21°55'37.63291"	12.736
Jadibahal	P25.62	336279.580	2425618.820	85°24'53.41144"	21°55'38.04643"	18.947
PATCH - 26						
Palasa(Ka)	P26.1	336604.694	2424924.492	85°25'04.98969"	21°55'15.58136"	3.517
Palasa(Ka)	P26.2	336608.205	2424923.934	85°25'05.11222"	21°55'15.56439"	14.519
Palasa(Ka)	P26.3	336610.364	2424909.574	85°25'05.19262"	21°55'15.09824"	28.916
Palasa(Ka)	P26.4	336612.394	2424880.729	85°25'05.27369"	21°55'14.16111"	30.637
Palasa(Ka)	P26.5	336612.307	2424850.092	85°25'05.28167"	21°55'13.16500"	12.782
Palasa(Ka)	P26.6	336611.082	2424837.368	85°25'05.24355"	21°55'12.75088"	71.007
Palasa(Ka)	P26.7	336644.041	2424774.464	85°25'06.41457"	21°55'10.71680"	53.26
Palasa(Ka)	P26.8	336668.25	2424727.024	85°25'07.27515"	21°55'09.18251"	42.149
Palasa(Ka)	P26.9	336690.195	2424691.039	85°25'08.05270"	21°55'08.01992"	75.675
Palasa(Ka)	P26.10	336725.209	2424623.242	85°25'09.29704"	21°55'05.82739"	73.27
Palasa(Ka)	P26.11	336758.014	2424557.031	85°25'10.46386"	21°55'03.68569"	27.089
Palasa(Ka)	P26.12	336771.383	2424533.471	85°25'10.93811"	21°55'02.92419"	37.74
Palasa(Ka)	P26.13	336788.25	2424499.71	85°25'11.53792"	21°55'01.83218"	23.369
Palasa(Ka)	P26.14	336795.268	2424477.42	85°25'11.79047"	21°55'01.10984"	75.688
Palasa(Ka)	P26.15	336820.725	2424405.805	85°25'12.70315"	21°54'58.78999"	25.428
Palasa(Ka)	P26.16	336830.282	2424382.238	85°25'13.04459"	21°54'58.02697"	30.694
Palasa(Ka)	P26.17	336839.499	2424352.961	85°25'13.37625"	21°54'57.07820"	43.017
Palasa(Ka)	P26.18	336854.157	2424312.518	85°25'13.90146"	21°54'55.76819"	35.425
Palasa(Ka)	P26.19	336865.947	2424279.113	85°25'14.32424"	21°54'54.68606"	22.135
Palasa(Ka)	P26.20	336874.529	2424258.709	85°25'14.63059"	21°54'54.02557"	20.049



Forest Section Officer
Bamebari Section

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Joda Section
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Subma
Dabma

F. Khan

DISTANCE BETWEEN PILLAR TO PILLAR						
VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO- ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
Palasa(Ka)	P26.21	336886.306	2424242.484	85°25'15.04673"	21°54'53.50197"	31.901
Palasa(Ka)	P26.22	336903.174	2424215.407	85°25'15.64417"	21°54'52.62728"	20.025
Palasa(Ka)	P26.23	336910.184	2424196.649	85°25'15.89515"	21°54'52.01976"	39.306
Palasa(Ka)	P26.24	336928.653	2424161.937	85°25'16.55107"	21°54'50.89737"	32.288
Palasa(Ka)	P26.25	336935.664	2424130.397	85°25'16.80667"	21°54'49.87428"	73.992
Palasa(Ka)	P26.26	336945.836	2424056.559	85°25'17.18757"	21°54'47.47704"	49.751
Palasa(Ka)	P26.27	336956.019	2424007.861	85°25'17.55980"	21°54'45.89715"	80.234
Palasa(Ka)	P26.28	336956.997	2423926.045	85°25'17.62318"	21°54'43.23742"	48.406
Palasa(Ka)	P26.29	336956.664	2423877.64	85°25'17.62893"	21°54'41.66357"	31.24
Palasa(Ka)	P26.30	336958.253	2423846.44	85°25'17.69546"	21°54'40.64970"	37.354
Palasa(Ka)	P26.31	336963.992	2423809.529	85°25'17.90866"	21°54'39.45155"	12.14
Palasa(Ka)	P26.32	336964.751	2423797.395	85°25'17.93946"	21°54'39.05730"	113.33
Palasa(Ka)	P26.33	336972.575	2423684.061	85°25'18.25265"	21°54'35.37516"	46.376
Palasa(Ka)	P26.34	336977.035	2423637.9	85°25'18.42456"	21°54'33.87586"	28.279
Palasa(Ka)	P26.35	336982.769	2423610.208	85°25'18.63427"	21°54'32.97743"	31.725
Palasa(Ka)	P26.36	336986.585	2423578.713	85°25'18.77851"	21°54'31.95473"	23.316
Palasa(Ka)	P26.37	336990.739	2423555.77	85°25'18.93144"	21°54'31.21018"	36.582
Palasa(Ka)	P26.38	336995.511	2423519.501	85°25'19.11070"	21°54'30.03260"	29.374
Palasa(Ka)	P26.39	337000.271	2423490.515	85°25'19.28691"	21°54'29.09179"	24.03
Palasa(Ka)	P26.40	337006.335	2423467.263	85°25'19.50652"	21°54'28.33781"	33.095
Palasa(Ka)	P26.41	337014.289	2423435.138	85°25'19.79515"	21°54'27.29601"	32.043
Palasa(Ka)	P26.42	337020.034	2423403.596	85°25'20.00660"	21°54'26.27243"	29.114
Palasa(Ka)	P26.43	337026.696	2423375.254	85°25'20.24888"	21°54'25.35321"	54.8
Palasa(Ka)	P26.44	337037.196	2423321.469	85°25'20.63394"	21°54'23.60803"	46.719
Palasa(Ka)	P26.45	337047.729	2423275.953	85°25'21.01723"	21°54'22.13171"	40.944
Palasa(Ka)	P26.46	337057.28	2423236.139	85°25'21.36425"	21°54'20.84044"	68.3
Palasa(Ka)	P26.47	337071.282	2423169.289	85°25'21.87600"	21°54'18.67166"	46.575
Palasa(Ka)	P26.48	337081.157	2423123.773	85°25'22.23634"	21°54'17.19514"	44.634
Palasa(Ka)	P26.49	337086.882	2423079.508	85°25'22.45163"	21°54'15.75789"	68.498
Palasa(Ka)	P26.50	337098.674	2423012.033	85°25'22.88660"	21°54'13.56804"	30.693
Palasa(Ka)	P26.51	337101.213	2422981.445	85°25'22.98601"	21°54'12.57438"	22.663
Palasa(Ka)	P26.52	337105.336	2422959.16	85°25'23.13762"	21°54'11.85123"	60.187
Palasa(Ka)	P26.53	337112.654	2422909.509	85°25'23.41036"	21°54'10.23940"	39.062
Palasa(Ka)	P26.54	337116.805	2422870.668	85°25'23.56887"	21°54'08.97797"	28.353
Palasa(Ka)	P26.55	337117.465	2422842.323	85°25'23.60201"	21°54'08.05663"	2.362
Palasa(Ka)	P26.56	337115.367	2422843.401	85°25'23.52851"	21°54'08.09098"	0.855
Palasa(Ka)	P26.57	337115.7	2422844.188	85°25'23.53986"	21°54'08.11666"	26.377
Palasa(Ka)	P26.58	337115.0971	2422870.558	85°25'23.50941"	21°54'08.97382"	38.947
Palasa(Ka)	P26.59	337110.965	2422909.285	85°25'23.35157"	21°54'10.23157"	50.137
Palasa(Ka)	P26.60	337103.674	2422958.889	85°25'23.07982"	21°54'11.84188"	22.818
Palasa(Ka)	P26.61	337099.486	2422981.319	85°25'22.92589"	21°54'12.56973"	30.578
Palasa(Ka)	P26.62	337096.957	2423011.792	85°25'22.82688"	21°54'13.55964"	68.432
Palasa(Ka)	P26.63	337085.19	2423079.205	85°25'22.39280"	21°54'15.74747"	44.626
Palasa(Ka)	P26.64	337079.435	2423123.458	85°25'22.17644"	21°54'17.18430"	46.519
Palasa(Ka)	P26.65	337069.6	2423168.925	85°25'21.81753"	21°54'18.65926"	68.27
Palasa(Ka)	P26.66	337055.594	2423235.814	85°25'21.30561"	21°54'20.82931"	40.867
Palasa(Ka)	P26.67	337046.057	2423275.553	85°25'20.95912"	21°54'22.11814"	46.776



Forest Section Officer
Bamebari Section

Forest Section Officer
Joda Section

Forest Section Officer
Dabura Band

DISTANCE BETWEEN PILLAR TO PILLAR						
VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO- ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
Palasa(Ka)	P26.68	337035.533	2423321.13	85°25'20.57613"	21°54'23.59645"	54.784
Palasa(Ka)	P26.69	337025.056	2423374.903	85°25'20.19185"	21°54'25.34125"	29.178
Palasa(Ka)	P26.70	337018.336	2423403.297	85°25'19.94754"	21°54'26.26214"	31.985
Palasa(Ka)	P26.71	337012.607	2423434.765	85°25'19.73670"	21°54'27.28335"	33.042
Palasa(Ka)	P26.72	337004.683	2423466.843	85°25'19.44913"	21°54'28.32363"	24.162
Palasa(Ka)	P26.73	336998.602	2423490.227	85°25'19.22889"	21°54'29.08185"	29.418
Palasa(Ka)	P26.74	336993.812	2423519.252	85°25'19.05160"	21°54'30.02394"	34.353
Palasa(Ka)	P26.75	336989.046	2423555.505	85°25'18.87258"	21°54'31.20099"	23.336
Palasa(Ka)	P26.76	336984.903	2423578.48	85°25'18.71997"	21°54'31.94660"	31.708
Palasa(Ka)	P26.77	336981.087	2423609.958	85°25'18.57577"	21°54'32.96874"	28.366
Palasa(Ka)	P26.78	336975.349	2423637.738	85°25'18.36588"	21°54'33.87004"	46.393
Palasa(Ka)	P26.79	336970.88	2423683.915	85°25'18.19362"	21°54'35.36987"	113.136
Palasa(Ka)	P26.80	336963.032	2423797.507	85°25'17.87950"	21°54'39.06039"	8.214
Palasa(Ka)	P26.81	336960.952	2423805.461	85°25'17.80420"	21°54'39.31828"	3.249
Palasa(Ka)	P26.82	336957.94	2423806.678	85°25'17.69881"	21°54'39.35686"	2.217
Palasa(Ka)	P26.83	336956.136	2423808.658	85°25'17.63524"	21°54'39.42062"	36.971
Palasa(Ka)	P26.84	336951.809	2423845.375	85°25'17.47134"	21°54'40.61292"	35.433
Palasa(Ka)	P26.85	336950.037	2423880.764	85°25'17.39693"	21°54'41.76292"	45.271
Palasa(Ka)	P26.86	336949.091	2423926.025	85°25'17.34774"	21°54'43.23414"	99.17
Palasa(Ka)	P26.87	336943.864	2424027.243	85°25'17.12934"	21°54'46.52325"	103.128
Palasa(Ka)	P26.88	336927.898	2424129.128	85°25'16.53654"	21°54'49.83041"	31.219
Palasa(Ka)	P26.89	336922.121	2424159.808	85°25'16.32427"	21°54'50.82596"	39.157
Palasa(Ka)	P26.90	336902.829	2424193.883	85°25'15.63987"	21°54'51.92737"	19.1
Palasa(Ka)	P26.91	336895.091	2424211.345	85°25'15.36401"	21°54'52.49251"	30.809
Palasa(Ka)	P26.92	336879.772	2424238.075	85°25'14.82066"	21°54'53.35644"	19.016
Palasa(Ka)	P26.93	336867.342	2424252.467	85°25'14.38240"	21°54'53.82020"	60.976
Palasa(Ka)	P26.94	336846.755	2424309.873	85°25'13.64452"	21°54'55.67973"	47.646
Palasa(Ka)	P26.95	336832.155	2424355.227	85°25'13.11953"	21°54'57.14940"	26.246
Palasa(Ka)	P26.96	336823.62	2424380.046	85°25'12.81326"	21°54'57.95349"	24.373
Palasa(Ka)	P26.97	336814.132	2424402.496	85°25'12.47462"	21°54'58.68020"	74.364
Palasa(Ka)	P26.98	336789.834	2424472.909	85°25'11.60273"	21°55'00.96135"	25.464
Palasa(Ka)	P26.99	336780.918	2424496.761	85°25'11.28351"	21°55'01.73385"	36.869
Palasa(Ka)	P26.100	336764.436	2424529.741	85°25'10.69740"	21°55'02.80061"	31.055
Palasa(Ka)	P26.101	336750.206	2424557.359	85°25'10.19167"	21°55'03.69376"	69.796
Palasa(Ka)	P26.102	336718.235	2424619.594	85°25'09.05538"	21°55'05.70644"	76.111
Palasa(Ka)	P26.103	336683.31	2424687.223	85°25'07.81417"	21°55'07.89352"	41.83
Palasa(Ka)	P26.104	336661.505	2424722.92	85°25'07.04159"	21°55'09.04683"	29.299
Palasa(Ka)	P26.105	336649.278	2424749.546	85°25'06.60599"	21°55'09.90839"	24.632
Palasa(Ka)	P26.106	336637.024	2424770.914	85°25'06.17134"	21°55'10.59900"	78.035
Palasa(Ka)	P26.107	336601.755	2424840.524	85°25'04.91745"	21°55'12.85038"	9.825
Palasa(Ka)	P26.108	336601.269	2424850.337	85°25'04.89699"	21°55'13.16927"	29.932
Palasa(Ka)	P26.109	336600.604	2424880.262	85°25'04.86308"	21°55'14.14198"	14.818
Palasa(Ka)	P26.110	336598.871	2424894.978	85°25'04.79740"	21°55'14.61982"	11.927
Palasa(Ka)	P26.111	336600.91	2424906.729	85°25'04.86420"	21°55'15.00256"	18.166
PATCH - 27						
Kundaposi	P27.1	337115.369	2422843.413	85°25'23.52860"	21°54'08.09137"	2.39
Kundaposi	P27.2	337117.428	2422842.316	85°25'23.60070"	21°54'08.05637"	6.971



Forest Section Officer
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Signature of Forest Section Officer, Joda Section
Signature of Forest Section Officer, Bamebari Section

DISTANCE BETWEEN PILLAR TO PILLAR

VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO- ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
Kundaposi	P27.3	337122.207	2422837.214	85°25'23.76905"	21°54'07.89211"	23.723
Kundaposi	P27.4	337132.693	2422815.768	85°25'24.14204"	21°54'07.19833"	3.363
Kundaposi	P27.5	337136.029	2422815.239	85°25'24.25845"	21°54'07.18226"	22.246
Kundaposi	P27.6	337145.127	2422794.939	85°25'24.58269"	21°54'06.52530"	43.462
Kundaposi	P27.7	337163.987	2422755.782	85°25'25.25375"	21°54'05.25849"	24.764
Kundaposi	P27.8	337174.505	2422733.363	85°25'25.62823"	21°54'04.53310"	38.315
Kundaposi	P27.9	337187.339	2422697.261	85°25'26.08825"	21°54'03.36362"	29.392
Kundaposi	P27.10	337198.091	2422669.906	85°25'26.47262"	21°54'02.47785"	25.899
Kundaposi	P27.11	337207.004	2422645.589	85°25'26.79184"	21°54'01.69021"	22.99
Kundaposi	P27.12	337214.123	2422623.729	85°25'27.04766"	21°54'00.98185"	42.077
Kundaposi	P27.13	337228.232	2422584.088	85°25'27.55340"	21°53'59.69774"	30.947
Kundaposi	P27.14	337238.044	2422554.738	85°25'27.90573"	21°53'58.74678"	67.095
Kundaposi	P27.15	337263.549	2422492.68	85°25'28.81646"	21°53'56.73760"	33.717
Kundaposi	P27.16	337276.01	2422461.35	85°25'29.26179"	21°53'55.72313"	33.705
Kundaposi	P27.17	337283.156	2422428.412	85°25'29.52251"	21°53'54.65464"	17.197
Kundaposi	P27.18	337287.939	2422411.894	85°25'29.69504"	21°53'54.11920"	3.793
Kundaposi	P27.19	337288.821	2422407.989	85°25'29.72719"	21°53'53.99253"	3.792
Kundaposi	P27.20	337290.127	2422404.429	85°25'29.77394"	21°53'53.87722"	5.071
Kundaposi	P27.21	337291.269	2422399.488	85°25'29.81548"	21°53'53.71696"	9.652
Kundaposi	P27.22	337292.894	2422389.974	85°25'29.87549"	21°53'53.40816"	58.152
Kundaposi	P27.23	337299.598	2422332.21	85°25'30.12969"	21°53'51.53234"	28.162
Kundaposi	P27.24	337304.605	2422304.497	85°25'30.31405"	21°53'50.63302"	20.892
Kundaposi	P27.25	337307.021	2422283.745	85°25'30.40562"	21°53'49.95910"	17.678
Kundaposi	P27.26	337311.159	2422266.544	85°25'30.55594"	21°53'49.40125"	28.1
Kundaposi	P27.27	337315.825	2422238.834	85°25'30.72839"	21°53'48.50188"	25.179
Kundaposi	P27.28	337321.335	2422214.265	85°25'30.92911"	21°53'47.70490"	7.842
Kundaposi	P27.29	337324.02	2422206.897	85°25'31.02528"	21°53'47.46627"	33.861
Kundaposi	P27.30	337330.69	2422173.699	85°25'31.26953"	21°53'46.38913"	17.406
Kundaposi	P27.31	337333.268	2422156.485	85°25'31.36549"	21°53'45.83031"	14.799
Kundaposi	P27.32	337336.594	2422142.065	85°25'31.48650"	21°53'45.36258"	16.499
Kundaposi	P27.33	337338.328	2422125.657	85°25'31.55276"	21°53'44.82971"	36.036
Kundaposi	P27.34	337341.642	2422089.616	85°25'31.68108"	21°53'43.65904"	18.862
Kundaposi	P27.35	337341.868	2422070.755	85°25'31.69570"	21°53'43.04590"	29.329
Kundaposi	P27.36	337341.471	2422041.385	85°25'31.69237"	21°53'42.09085"	34.29
Kundaposi	P27.37	337342.844	2422007.122	85°25'31.75242"	21°53'40.97734"	17.783
Kundaposi	P27.38	337344.616	2421989.428	85°25'31.82049"	21°53'40.40264"	21.099
Kundaposi	P27.39	337339.273	2421969.017	85°25'31.64162"	21°53'39.73728"	19.205
Kundaposi	P27.40	337335.658	2421950.155	85°25'31.52244"	21°53'39.12282"	19.205
Kundaposi	P27.41	337328.483	2421923.179	85°25'31.28210"	21°53'38.24337"	7.422
Kundaposi	P27.42	337325.901	2421916.22	85°25'31.19463"	21°53'38.01623"	13.203
Kundaposi	P27.43	337319.691	2421904.569	85°25'30.98245"	21°53'37.63537"	16.863
Kundaposi	P27.44	337311.243	2421889.975	85°25'30.69335"	21°53'37.15805"	4.537
Kundaposi	P27.45	337308.46	2421886.378	85°25'30.59770"	21°53'37.04019"	4.185
Kundaposi	P27.46	337306.917	2421882.488	85°25'30.54533"	21°53'36.91319"	10.581
Kundaposi	P27.47	337300.585	2421874.011	85°25'30.32775"	21°53'36.63548"	24.966
Kundaposi	P27.48	337287.457	2421852.763	85°25'29.87799"	21°53'35.94026"	5.905
Kundaposi	P27.49	337284.718	2421847.531	85°25'29.78447"	21°53'35.76926"	27.927



Forest Section Officer
Bamebari Section

Forest Section Officer
Joda Section

Signature of F.G. Khundbardi
F.G. Khundbardi

DISTANCE BETWEEN PILLAR TO PILLAR						
VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO-ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
Kundaposi	P27.50	337274.695	2421821.307	85°25'29.44463"	21°53'34.91332"	5.346
Kundaposi	P27.51	337279.543	2421819.054	85°25'29.61435"	21°53'34.84169"	4.811
Kundaposi	P27.52	337283.214	2421815.944	85°25'29.74333"	21°53'34.74177"	11.155
Kundaposi	P27.53	337272.124	2421817.405	85°25'29.35648"	21°53'34.78558"	4.196
Kundaposi	P27.54	337269.637	2421820.785	85°25'29.26862"	21°53'34.89466"	21.902
Kundaposi	P27.55	337277.41	2421841.262	85°25'29.53210"	21°53'35.56300"	16.858
Kundaposi	P27.56	337284.932	2421856.349	85°25'29.78875"	21°53'36.05602"	6.829
Kundaposi	P27.57	337288.235	2421862.326	85°25'29.90170"	21°53'36.25145"	16.406
Kundaposi	P27.58	337297.635	2421875.785	85°25'30.22436"	21°53'36.69217"	8.964
Kundaposi	P27.59	337303.219	2421882.797	85°25'30.41640"	21°53'36.92203"	4.095
Kundaposi	P27.60	337305.367	2421886.284	85°25'30.48998"	21°53'37.03610"	4.392
Kundaposi	P27.61	337307.2905	2421890.233	85°25'30.55557"	21°53'37.16512"	18.668
Kundaposi	P27.62	337314.748	2421907.347	85°25'30.80926"	21°53'37.72404"	46.758
Kundaposi	P27.63	337330.5	2421951.372	85°25'31.34230"	21°53'39.16066"	19.7
Kundaposi	P27.64	337337.028	2421969.959	85°25'31.56307"	21°53'39.76713"	18.127
Kundaposi	P27.65	337340.117	2421987.821	85°25'31.66431"	21°53'40.34891"	18.983
Kundaposi	P27.66	337338.441	2422006.73	85°25'31.59919"	21°53'40.96314"	37.988
Kundaposi	P27.67	337337.393	2422044.576	85°25'31.54916"	21°53'42.19324"	26.079
Kundaposi	P27.68	337337.872	2422070.651	85°25'31.55654"	21°53'43.04116"	54.763
Kundaposi	P27.69	337333.852	2422125.266	85°25'31.39698"	21°53'44.81549"	17.737
Kundaposi	P27.70	337331.883	2422142.893	85°25'31.32209"	21°53'45.38794"	13.104
Kundaposi	P27.71	337329.365	2422155.753	85°25'31.22977"	21°53'45.80523"	58.84
Kundaposi	P27.72	337317.422	2422213.368	85°25'30.79311"	21°53'47.67443"	26.527
Kundaposi	P27.73	337313.142	2422239.547	85°25'30.63466"	21°53'48.52417"	44.379
Kundaposi	P27.74	337304.709	2422283.117	85°25'30.32529"	21°53'49.93793"	8.522
Kundaposi	P27.75	337302.474	2422291.341	85°25'30.24450"	21°53'50.20456"	12.765
Kundaposi	P27.76	337301.595	2422304.076	85°25'30.20932"	21°53'50.61832"	36.243
Kundaposi	P27.77	337296.008	2422339.886	85°25'30.00189"	21°53'51.78072"	17.294
Kundaposi	P27.78	337293.703	2422357.026	85°25'29.91546"	21°53'52.33722"	19.479
Kundaposi	P27.79	337289.267	2422375.993	85°25'29.75415"	21°53'52.95242"	22.249
Kundaposi	P27.80	337286.852	2422398.111	85°25'29.66212"	21°53'53.67070"	9.126
Kundaposi	P27.81	337284.75	2422407.546	85°25'29.58551"	21°53'53.97675"	20.666
Kundaposi	P27.82	337279.261	2422427.47	85°25'29.38715"	21°53'54.62271"	32.915
Kundaposi	P27.83	337270.654	2422459.24	85°25'29.07594"	21°53'55.65277"	33.683
Kundaposi	P27.84	337259.877	2422491.152	85°25'28.68910"	21°53'56.68669"	29.212
Kundaposi	P27.85	337248.178	2422517.919	85°25'28.27194"	21°53'57.55308"	38.186
Kundaposi	P27.86	337234.209	2422553.458	85°25'27.77257"	21°53'58.70387"	30.97
Kundaposi	P27.87	337224.411	2422582.837	85°25'27.42071"	21°53'59.65578"	25.439
Kundaposi	P27.88	337215.758	2422606.759	85°25'27.11071"	21°54'00.43065"	16.7
Kundaposi	P27.89	337211.278	2422622.847	85°25'26.94886"	21°54'00.95222"	48.619
Kundaposi	P27.90	337194.674	2422668.576	85°25'26.35406"	21°54'02.43347"	29.645
Kundaposi	P27.91	337182.904	2422695.784	85°25'25.93428"	21°54'03.31411"	45.353
Kundaposi	P27.92	337167.422	2422738.413	85°25'25.37964"	21°54'04.69494"	19.922
Kundaposi	P27.93	337159.411	2422756.653	85°25'25.09402"	21°54'05.28530"	36.587
Kundaposi	P27.94	337143.635	2422789.664	85°25'24.53260"	21°54'06.35330"	15.307
Kundaposi	P27.95	337134.63	2422802.116	85°25'24.21441"	21°54'06.75513"	13.754
Kundaposi	P27.96	337128.936	2422814.636	85°25'24.01154"	21°54'07.16028"	31.778



Forest Section Officer
Bamebari Section

Forest Section Officer
Joda Section

[Signature]
F. G. Khadabadi

DISTANCE BETWEEN PILLAR TO PILLAR						
VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO-ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
PATCH - 28						
Unchabali	P28.1	337272.125	2421817.421	85°25'29.35650"	21°53'34.78610"	11.186
Unchabali	P28.2	337283.185	2421815.968	85°25'29.74233"	21°53'34.74255"	2.93
Unchabali	P28.3	337285.432	2421814.029	85°25'29.82130"	21°53'34.68027"	23.638
Unchabali	P28.4	337277.889	2421791.627	85°25'29.56653"	21°53'33.94942"	63.623
Unchabali	P28.5	337262.85	2421729.807	85°25'29.06467"	21°53'31.93447"	54.416
Unchabali	P28.6	337250.661	2421676.774	85°25'28.65900"	21°53'30.20616"	9.942
Unchabali	P28.7	337247.694	2421667.285	85°25'28.55902"	21°53'29.89666"	14.305
Unchabali	P28.8	337238.744	2421655.97	85°25'28.25129"	21°53'29.52582"	10.833
Unchabali	P28.9	337235.68	2421645.579	85°25'28.14823"	21°53'29.18695"	33.747
Unchabali	P28.10	337229.529	2421612.397	85°25'27.94584"	21°53'28.10606"	33.424
Unchabali	P28.11	337213.822	2421582.894	85°25'27.40919"	21°53'27.14160"	58.174
Unchabali	P28.12	337179.036	2421536.266	85°25'26.21401"	21°53'25.61402"	8.543
Unchabali	P28.13	337174.687	2421528.861	85°25'26.06514"	21°53'25.37180"	9.665
Unchabali	P28.14	337173.009	2421519.343	85°25'26.01009"	21°53'25.06180"	24.147
Unchabali	P28.15	337157.443	2421500.883	85°25'25.47441"	21°53'24.45641"	17.578
Unchabali	P28.16	337148.146	2421485.965	85°25'25.15586"	21°53'23.96830"	11.796
Unchabali	P28.17	337142.965	2421496.671	85°25'24.97158"	21°53'24.31464"	33.821
Unchabali	P28.18	337160.673	2421525.486	85°25'25.57817"	21°53'25.25741"	25.117
Unchabali	P28.19	337174.383	2421546.531	85°25'26.04825"	21°53'25.94620"	34.718
Unchabali	P28.20	337195.97	2421573.863	85°25'26.79051"	21°53'26.84204"	18.15
Unchabali	P28.21	337204.353	2421589.961	85°25'27.07677"	21°53'27.36822"	21.713
Unchabali	P28.22	337214.011	2421609.408	85°25'27.40629"	21°53'28.00371"	18.996
Unchabali	P28.23	337222.38	2421626.461	85°25'27.69174"	21°53'28.56094"	21.504
Unchabali	P28.24	337226.876	2421647.502	85°25'27.84085"	21°53'29.24653"	7.188
Unchabali	P28.25	337228.891	2421654.402	85°25'27.90857"	21°53'29.47152"	20.132
Unchabali	P28.26	337238.673	2421671.998	85°25'28.24309"	21°53'30.04688"	20.132
Unchabali	P28.27	337241.01	2421679.352	85°25'28.32187"	21°53'30.28676"	52.226
Unchabali	P28.28	337253.114	2421732.107	85°25'28.72469"	21°53'32.00601"	10.64
Unchabali	P28.29	337255.643	2421742.442	85°25'28.80909"	21°53'32.34286"	13.72
Unchabali	P28.30	337259.72	2421755.542	85°25'28.94644"	21°53'32.77014"	32.579
Unchabali	P28.31	337268.491	2421786.918	85°25'29.24080"	21°53'33.79317"	29.227
Unchabali	P28.32	337276.521	2421815.02	85°25'29.51050"	21°53'34.70953"	5.002
PATCH - 29						
Balada	P29.1	336571.112	2420960.672	85°25'05.24240"	21°53'06.69691"	5.467
Balada	P29.2	336569.084	2420955.584	85°25'05.17357"	21°53'06.53082"	4.154
Balada	P29.3	336565.58	2420953.343	85°25'05.05230"	21°53'06.45677"	33.625
Balada	P29.4	336533.069	2420944.761	85°25'03.92285"	21°53'06.16689"	36.251
Balada	P29.5	336498.119	2420935.135	85°25'02.70881"	21°53'05.84222"	20.243
Balada	P29.6	336480.591	2420925.009	85°25'02.10186"	21°53'05.50713"	42.002
Balada	P29.7	336445.298	2420902.236	85°25'00.88059"	21°53'04.75491"	13.248
Balada	P29.8	336437.909	2420890.782	85°25'00.62730"	21°53'04.38004"	5.208
Balada	P29.9	336432.907	2420892.256	85°25'00.45251"	21°53'04.42626"	18.317
Balada	P29.10	336439.766	2420909.24	85°25'00.68537"	21°53'04.98077"	44.334
Balada	P29.11	336475.337	2420935.702	85°25'01.91499"	21°53'05.85302"	24.172
Balada	P29.12	336497.709	2420944.854	85°25'02.69107"	21°53'06.15805"	32.933
Balada	P29.13	336529.34	2420954.023	85°25'03.78964"	21°53'06.46676"	27.013



Forest Section Officer
Bamebari Section

Forest Section Officer
Joda Section

Signature of Forest Section Officer, Joda Section
Date: 12/03/2023

DISTANCE BETWEEN PILLAR TO PILLAR						
VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO- ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
Balada	P29.14	336555.432	2420961.018	85°25'04.69606"	21°53'06.70292"	15.684
PATCH - 30						
Balada	P30.1	336299.074	2420628.025	85°24'55.88535"	21°52'55.79065"	11.079
Balada	P30.2	336309.721	2420624.871	85°24'56.25734"	21°52'55.69168"	39.801
Balada	P30.3	336302.779	2420585.680	85°24'56.02959"	21°52'54.41514"	26.934
Balada	P30.4	336299.742	2420558.917	85°24'55.93344"	21°52'53.54400"	19.215
Balada	P30.5	336282.430	2420550.580	85°24'55.33335"	21°52'53.26715"	15.973
Balada	P30.6	336266.972	2420546.557	85°24'54.79633"	21°52'53.13118"	50.493
Balada	P30.7	336216.875	2420552.868	85°24'53.04898"	21°52'53.31956"	57.291
Balada	P30.8	336159.956	2420559.387	85°24'51.06388"	21°52'53.51241"	44.143
Balada	P30.9	336115.822	2420558.484	85°24'49.52683"	21°52'53.46826"	45.404
Balada	P30.10	336071.151	2420550.360	85°24'47.97366"	21°52'53.18911"	44.533
Balada	P30.11	336026.744	2420547.008	85°24'46.42799"	21°52'53.06522"	37.245
Balada	P30.12	335989.507	2420546.255	85°24'45.13113"	21°52'53.02825"	21.79
Balada	P30.13	335974.959	2420530.033	85°24'44.63020"	21°52'52.49594"	13.1
Balada	P30.14	335964.689	2420521.900	85°24'44.27537"	21°52'52.22809"	24.55
Balada	P30.15	335946.951	2420504.927	85°24'43.66359"	21°52'51.67028"	12.184
Balada	P30.16	335936.090	2420510.449	85°24'43.28326"	21°52'51.84618"	28.689
Balada	P30.17	335958.310	2420528.596	85°24'44.05077"	21°52'52.44363"	13.306
Balada	P30.18	335969.441	2420535.886	85°24'44.43586"	21°52'52.68440"	17.611
Balada	P30.19	335981.194	2420549.001	85°24'44.84055"	21°52'53.11475"	7.861
Balada	P30.20	335988.162	2420552.639	85°24'45.08200"	21°52'53.23537"	35.097
Balada	P30.21	336023.128	2420555.663	85°24'46.29890"	21°52'53.34542"	3.217
Balada	P30.22	336026.344	2420555.729	85°24'46.41092"	21°52'53.34863"	44.03
Balada	P30.23	336070.014	2420561.344	85°24'47.93010"	21°52'53.54586"	44.235
Balada	P30.24	336114.075	2420565.258	85°24'49.46354"	21°52'53.68789"	45.052
Balada	P30.25	336158.874	2420570.029	85°24'51.02238"	21°52'53.85806"	58.378
Balada	P30.26	336217.608	2420561.706	85°24'53.07133"	21°52'53.60714"	45.542
Balada	P30.27	336262.778	2420555.899	85°24'54.64689"	21°52'53.43348"	23.793
Balada	P30.28	336286.258	2420561.451	85°24'55.46281"	21°52'53.62187"	42.244
Balada	P30.29	336294.360	2420602.918	85°24'55.73013"	21°52'54.97279"	23.579
Balada	P30.30	336297.920	2420626.227	85°24'55.84577"	21°52'55.73182"	2.136
PATCH - 31						
Balada	P31.1	335694.537	2420191.976	85°24'34.98372"	21°52'41.41066"	5.322
Balada	P31.2	335699.86	2420191.734	85°24'35.16925"	21°52'41.40461"	15.708
Balada	P31.3	335700.294	2420176.032	85°24'35.19003"	21°52'40.89423"	34.274
Balada	P31.4	335698.166	2420141.824	85°24'35.12821"	21°52'39.78134"	53.409
Balada	P31.5	335700.479	2420088.465	85°24'35.22803"	21°52'38.04729"	55.357
Balada	P31.6	335701.728	2420033.122	85°24'35.29145"	21°52'36.24838"	42.803
Balada	P31.7	335702.457	2419990.325	85°24'35.33228"	21°52'34.85720"	38.486
Balada	P31.8	335701.738	2419951.846	85°24'35.32112"	21°52'33.60590"	32.088
Balada	P31.9	335700.298	2419919.79	85°24'35.28250"	21°52'32.56319"	42.439
Balada	P31.10	335699.769	2419877.354	85°24'35.27936"	21°52'31.18332"	68.065
Balada	P31.11	335738.103	2419821.11	85°24'36.63490"	21°52'29.36761"	9.283
Balada	P31.12	335742.011	2419812.69	85°24'36.77404"	21°52'29.09516"	67.584
Balada	P31.13	335763.518	2419748.391	85°24'37.54636"	21°52'27.01188"	10.122
Balada	P31.14	335753.382	2419748.959	85°24'37.19308"	21°52'27.02694"	1.421



Forest Section Officer
Bamebari Section

Forest Section Officer
Joda Section

Deputy Forest Officer
Fogk Roadband

DISTANCE BETWEEN PILLAR TO PILLAR

VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO- ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
Balada	P31.15	335752.369	2419749.973	85°24'37.15744"	21°52'27.05956"	
Balada	P31.16	335732.715	2419808.982	85°24'36.45157"	21°52'28.97147"	61.837
Balada	P31.17	335729.395	2419816.116	85°24'36.33337"	21°52'29.20229"	7.869
Balada	P31.18	335690.829	2419870.661	85°24'34.97037"	21°52'30.96273"	66.802
Balada	P31.19	335691.416	2419877.011	85°24'34.98851"	21°52'31.16936"	6.377
Balada	P31.20	335690.316	2419920.229	85°24'34.93463"	21°52'32.57412"	43.098
Balada	P31.21	335691.735	2419952.157	85°24'34.97255"	21°52'33.61266"	31.960
Balada	P31.22	335692.46	2419990.358	85°24'34.98405"	21°52'34.85489"	38.208
Balada	P31.23	335692.577	2420033.147	85°24'34.97272"	21°52'36.24611"	42.789
Balada	P31.24	335691.341	2420088.013	85°24'34.90986"	21°52'38.02951"	54.880
Balada	P31.25	335688.899	2420141.317	85°24'34.80561"	21°52'39.76172"	53.354
Balada	P31.26	335690.528	2420183.796	85°24'34.84704"	21°52'41.14338"	42.510
PATCH - 32						
Nayagada	P32.1	335790.988	2419419.977	85°24'38.62146"	21°52'16.34360"	9.110
Nayagada	P32.2	335794.354	2419419.81	85°24'38.73876"	21°52'16.33931"	3.364
Nayagada	P32.3	335792.908	2419403.697	85°24'38.69418"	21°52'15.81494"	16.178
Nayagada	P32.4	335772.006	2419380.97	85°24'37.97432"	21°52'15.06900"	30.836
Nayagada	P32.5	335727.669	2419354.856	85°24'36.43937"	21°52'14.20506"	51.456
Nayagada	P32.6	335686.6605	2419349.87	85°24'35.01279"	21°52'14.02919"	41.310
Nayagada	P32.7	335622.654	2419353.944	85°24'32.78187"	21°52'14.14012"	64.136
Nayagada	P32.8	335635.474	2419362.869	85°24'33.22520"	21°52'14.43458"	15.620
Nayagada	P32.9	335686.747	2419357.773	85°24'35.01294"	21°52'14.28614"	51.519
Nayagada	P32.10	335726.23	2419364.159	85°24'36.38590"	21°52'14.50705"	39.996
Nayagada	P32.11	335763.218	2419387.355	85°24'37.66590"	21°52'15.27365"	43.660
Nayagada	P32.12	335785.11	2419406.551	85°24'38.42155"	21°52'15.90509"	29.116
PATCH - 33						
Badakalimati	P33.1	335616.282	2419362.991	85°24'32.55667"	21°52'14.43211"	14.656
Badakalimati	P33.2	335635.489	2419362.865	85°24'33.22570"	21°52'14.43448"	19.114
Badakalimati	P33.3	335622.641	2419353.946	85°24'32.78142"	21°52'14.14017"	15.630
Badakalimati	P33.4	335569.605	2419312.587	85°24'30.94898"	21°52'12.77764"	67.260
Badakalimati	P33.5	335562.434	2419302.407	85°24'30.70289"	21°52'12.44425"	12.441
Badakalimati	P33.6	335559.693	2419293.776	85°24'30.61054"	21°52'12.16272"	9.056
Badakalimati	P33.7	335555.422	2419262.142	85°24'30.47314"	21°52'11.13280"	31.921
Badakalimati	P33.8	335565.211	2419175.78	85°24'30.84525"	21°52'08.32827"	86.915
Badakalimati	P33.9	335564.535	2419143.684	85°24'30.83329"	21°52'07.28449"	32.103
Badakalimati	P33.10	335563.725	2419104.991	85°24'30.81903"	21°52'06.02623"	38.701
Badakalimati	P33.11	335542.479	2419063.399	85°24'30.09400"	21°52'04.66684"	46.699
Badakalimati	P33.12	335497.4	2419010.244	85°24'28.54302"	21°52'02.92346"	69.696
Badakalimati	P33.13	335472.336	2418990.711	85°24'27.67703"	21°52'02.27998"	31.776
Badakalimati	P33.14	335468.196	2418982.566	85°24'27.53578"	21°52'02.01375"	9.137
Badakalimati	P33.15	335465.572	2418972.24	85°24'27.44812"	21°52'01.67715"	10.654
Badakalimati	P33.16	335475.091	2418906.48	85°24'27.80338"	21°51'59.54233"	66.445
Badakalimati	P33.17	335464.234	2418891.215	85°24'27.43072"	21°51'59.04240"	18.712
Badakalimati	P33.18	335457.107	2418973.641	85°24'27.15277"	21°52'01.71986"	82.350
Badakalimati	P33.19	335462.879	2418992.092	85°24'27.34714"	21°52'02.32168"	19.333
Badakalimati	P33.20	335468.136	2419000.552	85°24'27.52722"	21°52'02.59849"	9.960
Badakalimati	P33.21	335491.487	2419017.587	85°24'28.33440"	21°52'03.16022"	28.904
						66.457



Forest Section Officer
Bamebari Section

Forest Section Officer
Joda Section

[Signature]
F.G. Khadka

DISTANCE BETWEEN PILLAR TO PILLAR						
VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO- ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
Badakalimati	P33.22	335535.156	2419067.683	85°24'29.83737"	21°52'04.80366"	40.731
Badakalimati	P33.23	335550.703	2419105.452	85°24'30.36527"	21°52'06.03683"	38.971
Badakalimati	P33.24	335549.854	2419144.414	85°24'30.32165"	21°52'07.30331"	30.612
Badakalimati	P33.25	335549.2	2419175.019	85°24'30.28785"	21°52'08.29813"	88.456
Badakalimati	P33.26	335540.26	2419263.022	85°24'29.94473"	21°52'11.15630"	37.760
Badakalimati	P33.27	335546.522	2419300.259	85°24'30.14944"	21°52'12.36906"	25.074
Badakalimati	P33.28	335560.018	2419321.391	85°24'30.61187"	21°52'13.06067"	35.341
Badakalimati	P33.29	335588.426	2419342.414	85°24'31.59381"	21°52'13.75371"	34.632
PATCH - 34						
Nayagada	P34.1	335464.241	2418891.228	85°24'27.43096"	21°51'59.04283"	18.712
Nayagada	P34.2	335475.073	2418906.487	85°24'27.80277"	21°51'59.54257"	1.976
Nayagada	P34.3	335474.963	2418904.508	85°24'27.79962"	21°51'59.47818"	13.516
Nayagada	P34.4	335485.867	2418896.505	85°24'28.18231"	21°51'59.22165"	10.021
Nayagada	P34.5	335489.310	2418887.095	85°24'28.30562"	21°51'58.91687"	9.701
Nayagada	P34.6	335490.000	2418877.418	85°24'28.33315"	21°51'58.60250"	9.413
Nayagada	P34.7	335490.004	2418868.005	85°24'28.33667"	21°51'58.29646"	13.947
Nayagada	P34.8	335487.935	2418854.206	85°24'28.26959"	21°51'57.84712"	11.666
Nayagada	P34.9	335484.949	2418842.924	85°24'28.16967"	21°51'57.47931"	15.085
Nayagada	P34.10	335475.734	2418830.981	85°24'27.85299"	21°51'57.08791"	15.117
Nayagada	P34.11	335460.845	2418828.303	85°24'27.33540"	21°51'56.99583"	17.574
Nayagada	P34.12	335459.906	2418845.835	85°24'27.29635"	21°51'57.56553"	2.489
Nayagada	P34.13	335461.895	2418847.350	85°24'27.36509"	21°51'57.61545"	11.47
Nayagada	P34.14	335465.849	2418858.128	85°24'27.49890"	21°51'57.96719"	20.257
Nayagada	P34.15	335467.232	2418878.338	85°24'27.53980"	21°51'58.62474"	7.834
Nayagada	P34.16	335466.766	2418886.158	85°24'27.52075"	21°51'58.87884"	5.655
PATCH - 35						
Badakalimati	P35.1	335459.912	2418845.833	85°24'27.29656"	21°51'57.56545"	17.576
Badakalimati	P35.2	335460.860	2418828.284	85°24'27.33592"	21°51'56.99521"	4.732
Badakalimati	P35.3	335456.881	2418825.723	85°24'27.19823"	21°51'56.91062"	17.202
Badakalimati	P35.4	335457.856	2418808.549	85°24'27.23841"	21°51'56.35259"	12.695
Badakalimati	P35.5	335459.622	2418795.977	85°24'27.30443"	21°51'55.94444"	20.628
Badakalimati	P35.6	335462.209	2418775.503	85°24'27.40192"	21°51'55.27965"	28.222
Badakalimati	P35.7	335459.321	2418747.459	85°24'27.31145"	21°51'54.36688"	32.792
Badakalimati	P35.8	335455.992	2418714.836	85°24'27.20726"	21°51'53.30513"	42.966
Badakalimati	P35.9	335442.524	2418674.035	85°24'26.75287"	21°51'51.97405"	29.869
Badakalimati	P35.10	335431.067	2418646.451	85°24'26.36377"	21°51'51.07338"	21.322
Badakalimati	P35.11	335416.210	2418623.477	85°24'25.85461"	21°51'50.32144"	3.699
Badakalimati	P35.12	335412.975	2418621.683	85°24'25.74256"	21°51'50.26202"	6.520
Badakalimati	P35.13	335409.142	2418626.976	85°24'25.60717"	21°51'50.43281"	23.743
Badakalimati	P35.14	335420.159	2418648.008	85°24'25.98331"	21°51'51.12033"	3.704
Badakalimati	P35.15	335422.177	2418651.114	85°24'26.05247"	21°51'51.22197"	29.092
Badakalimati	P35.16	335435.324	2418677.078	85°24'26.50101"	21°51'52.07055"	18.591
Badakalimati	P35.17	335442.425	2418694.260	85°24'26.74216"	21°51'52.63159"	13.763
Badakalimati	P35.18	335446.037	2418707.544	85°24'26.86317"	21°51'53.06467"	40.635
Badakalimati	P35.19	335449.682	2418748.015	85°24'26.97553"	21°51'54.38172"	28.290
Badakalimati	P35.20	335452.222	2418776.191	85°24'27.05383"	21°51'55.29864"	18.037
Badakalimati	P35.21	335452.334	2418794.228	85°24'27.05123"	21°51'55.88512"	14.522



Forest Section Officer
Bamebari Section

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Forest Section Officer
Joda Section

Forest Section Officer
F & Masetbandi
Dabura Bazar

DISTANCE BETWEEN PILLAR TO PILLAR

VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO- ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
Badakalimati	P35.22	335451.677	2418808.741	85°24'27.02311"	21°51'56.35675"	18.136
Badakalimati	P35.23	335451.668	2418827.355	85°24'27.01608"	21°51'56.96193"	10.236
Badakalimati	P35.24	335453.648	2418837.398	85°24'27.08141"	21°51'57.28911"	5.472
Badakalimati	P35.25	335455.280	2418842.632	85°24'27.13638"	21°51'57.45983"	5.488
PATCH - 36						
Dabuna	P36.1	335284.130	2418543.409	85°24'21.28316"	21°51'47.67376"	8.123
Dabuna	P36.2	335291.260	2418539.518	85°24'21.53290"	21°51'47.54965"	2.114
Dabuna	P36.3	335290.154	2418537.717	85°24'21.49504"	21°51'47.49073"	14.542
Dabuna	P36.4	335279.199	2418528.153	85°24'21.11692"	21°51'47.17606"	11.679
Dabuna	P36.5	335269.354	2418521.870	85°24'20.77630"	21°51'46.96849"	13.132
Dabuna	P36.6	335257.708	2418515.802	85°24'20.37285"	21°51'46.76728"	10.848
Dabuna	P36.7	335253.595	2418505.764	85°24'20.23323"	21°51'46.43952"	19.945
Dabuna	P36.8	335241.598	2418489.831	85°24'19.82111"	21°51'45.91748"	12.782
Dabuna	P36.9	335236.757	2418478.001	85°24'19.65677"	21°51'45.53122"	45.518
Dabuna	P36.10	335226.381	2418433.610	85°24'19.31142"	21°51'44.08446"	49.054
Dabuna	P36.11	335213.124	2418385.959	85°24'18.86688"	21°51'42.53075"	29.227
Dabuna	P36.12	335204.525	2418358.025	85°24'18.57746"	21°51'41.61965"	42.950
Dabuna	P36.13	335193.589	2418316.491	85°24'18.21157"	21°51'40.26561"	19.428
Dabuna	P36.14	335188.076	2418297.857	85°24'18.02628"	21°51'39.65791"	10.710
Dabuna	P36.15	335182.033	2418289.015	85°24'17.81900"	21°51'39.36839"	18.717
Dabuna	P36.16	335172.424	2418272.953	85°24'17.49015"	21°51'38.84295"	6.309
Dabuna	P36.17	335168.247	2418268.145	85°24'17.34640"	21°51'38.68521"	15.210
Dabuna	P36.18	335167.535	2418252.557	85°24'17.32721"	21°51'38.17816"	31.093
Dabuna	P36.19	335150.624	2418226.410	85°24'16.74766"	21°51'37.32238"	22.358
Dabuna	P36.20	335138.810	2418207.420	85°24'16.34307"	21°51'36.70097"	49.354
Dabuna	P36.21	335114.275	2418164.596	85°24'15.50399"	21°51'35.30041"	21.981
Dabuna	P36.22	335102.273	2418146.181	85°24'15.09264"	21°51'34.69763"	21.937
Dabuna	P36.23	335092.606	2418126.484	85°24'14.76306"	21°51'34.05399"	34.402
Dabuna	P36.24	335080.146	2418094.418	85°24'14.34068"	21°51'33.00724"	21.238
Dabuna	P36.25	335070.469	2418075.513	85°24'14.01048"	21°51'32.38932"	51.484
Dabuna	P36.26	335044.138	2418031.271	85°24'13.10940"	21°51'30.94204"	13.546
Dabuna	P36.27	335036.327	2418020.205	85°24'12.84133"	21°51'30.57962"	8.910
Dabuna	P36.28	335028.758	2418024.919	85°24'12.57604"	21°51'30.73034"	13.714
Dabuna	P36.29	335036.102	2418036.501	85°24'12.82760"	21°51'31.10938"	26.274
Dabuna	P36.30	335051.210	2418057.997	85°24'13.34605"	21°51'31.81334"	11.103
Dabuna	P36.31	335057.901	2418066.858	85°24'13.57586"	21°51'32.10370"	20.268
Dabuna	P36.32	335068.257	2418084.281	85°24'13.93026"	21°51'32.67366"	18.958
Dabuna	P36.33	335075.377	2418101.855	85°24'14.17188"	21°51'33.24742"	19.825
Dabuna	P36.34	335082.892	2418120.200	85°24'14.42700"	21°51'33.84640"	17.502
Dabuna	P36.35	335089.489	2418136.411	85°24'14.65093"	21°51'34.37569"	30.671
Dabuna	P36.36	335104.589	2418163.108	85°24'15.16719"	21°51'35.24875"	58.444
Dabuna	P36.37	335133.702	2418213.785	85°24'16.16285"	21°51'36.90621"	19.487
Dabuna	P36.38	335143.984	2418230.339	85°24'16.51499"	21°51'37.44789"	18.170
Dabuna	P36.39	335151.571	2418246.849	85°24'16.77327"	21°51'37.98720"	10.538
Dabuna	P36.40	335156.640	2418256.496	85°24'16.94634"	21°51'38.30257"	13.720
Dabuna	P36.41	335161.426	2418269.354	85°24'17.10839"	21°51'38.72222"	3.931
Dabuna	P36.42	335163.099	2418275.464	85°24'17.16446"	21°51'38.92144"	5.466



*Forest Section Officer
Bamebari Section*

*Forest Section Officer
Joda Section*

Dabuna Beat

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DISTANCE BETWEEN PILLAR TO PILLAR						
VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO- ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
Dabuna	P36.43	335168.364	2418276.931	85°24'17.34729"	21°51'38.97092"	7.596
Dabuna	P36.44	335172.117	2418283.780	85°24'17.47553"	21°51'39.19484"	16.022
Dabuna	P36.45	335177.423	2418298.897	85°24'17.65489"	21°51'39.68814"	21.942
Dabuna	P36.46	335183.270	2418320.046	85°24'17.85089"	21°51'40.37772"	42.471
Dabuna	P36.47	335193.517	2418361.262	85°24'18.19289"	21°51'41.72120"	29.143
Dabuna	P36.48	335203.352	2418388.695	85°24'18.52553"	21°51'42.61643"	47.052
Dabuna	P36.49	335219.143	2418433.018	85°24'19.05954"	21°51'44.06278"	16.560
Dabuna	P36.50	335222.554	2418449.223	85°24'19.17250"	21°51'44.59079"	20.986
Dabuna	P36.51	335227.537	2418469.609	85°24'19.33866"	21°51'45.25527"	28.773
Dabuna	P36.52	335238.624	2418496.552	85°24'19.71509"	21°51'46.13500"	7.827
Dabuna	P36.53	335240.256	2418504.207	85°24'19.76920"	21°51'46.38442"	12.057
Dabuna	P36.54	335244.517	2418515.486	85°24'19.91354"	21°51'46.75256"	7.201
Dabuna	P36.55	335249.784	2418520.414	85°24'20.09520"	21°51'46.91455"	15.905
Dabuna	P36.56	335263.152	2418529.032	85°24'20.55770"	21°51'47.19926"	11.892
Dabuna	P36.57	335272.610	2418536.255	85°24'20.88451"	21°51'47.43726"	10.301
Dabuna	P36.58	335280.880	2418542.396	85°24'21.17032"	21°51'47.63970"	3.404
PATCH - 37						
Dabuna	P37.1	334987.737	2417895.071	85°24'11.19425"	21°51'26.49484"	5.633
Dabuna	P37.2	334993.163	2417893.553	85°24'11.38377"	21°51'26.44730"	4.999
Dabuna	P37.3	334992.133	2417888.661	85°24'11.34967"	21°51'26.28793"	13.976
Dabuna	P37.4	334992.487	2417874.689	85°24'11.36707"	21°51'25.83378"	23.910
Dabuna	P37.5	334987.457	2417851.314	85°24'11.20033"	21°51'25.07211"	16.770
Dabuna	P37.6	334980.500	2417836.047	85°24'10.96355"	21°51'24.57338"	39.274
Dabuna	P37.7	334967.033	2417799.154	85°24'10.50786"	21°51'23.36936"	56.551
Dabuna	P37.8	334943.902	2417747.093	85°24'09.72107"	21°51'21.66894"	21.605
Dabuna	P37.9	334935.265	2417727.290	85°24'09.42740"	21°51'21.02219"	34.424
Dabuna	P37.10	334915.472	2417699.125	85°24'08.74824"	21°51'20.09980"	31.682
Dabuna	P37.11	334897.074	2417673.306	85°24'08.11681"	21°51'19.25415"	34.305
Dabuna	P37.12	334875.624	2417645.342	85°24'07.37989"	21°51'18.33773"	7.362
Dabuna	P37.13	334870.348	2417650.477	85°24'07.19425"	21°51'18.50289"	34.340
Dabuna	P37.14	334889.044	2417679.282	85°24'07.83500"	21°51'19.44572"	31.451
Dabuna	P37.15	334907.301	2417704.892	85°24'08.46158"	21°51'20.28452"	34.792
Dabuna	P37.16	334925.925	2417734.279	85°24'09.09961"	21°51'21.24624"	19.223
Dabuna	P37.17	334934.085	2417751.684	85°24'09.37750"	21°51'21.81487"	17.217
Dabuna	P37.18	334942.656	2417767.039	85°24'09.67047"	21°51'22.31698"	46.277
Dabuna	P37.19	334961.294	2417809.397	85°24'10.30427"	21°51'23.70044"	33.409
Dabuna	P37.20	334971.795	2417841.113	85°24'10.65851"	21°51'24.73514"	12.684
Dabuna	P37.21	334977.031	2417852.691	85°24'10.83669"	21°51'25.11336"	43.699
PATCH - 38						
Purunadihi	P38.1	334747.070	2417162.643	85°24'03.07732"	21°51'02.60066"	11.288
Purunadihi	P38.2	334751.077	2417152.090	85°24'03.22068"	21°51'02.25891"	17.202
Purunadihi	P38.3	334759.801	2417137.264	85°24'03.52987"	21°51'01.77983"	34.414
Purunadihi	P38.4	334774.427	2417106.113	85°24'04.05051"	21°51'00.77197"	15.185
Purunadihi	P38.5	334770.274	2417091.506	85°24'03.91119"	21°51'00.29564"	45.461
Purunadihi	P38.6	334750.920	2417132.641	85°24'03.22226"	21°51'01.62651"	18.314
Purunadihi	P38.7	334745.438	2417150.458	85°24'03.02489"	21°51'02.20393"	12.270















Asst. Conservator of Forests
WC, Champua Forest Range

Forest Section Officer
Bameosari Section

Forest Section Officer
Joda Section

[Handwritten signatures and names]
Dabuna/Bey





















Photos of Area Demarcated RCC Pillars along with GPS co-ordinates & serial numbers

			
18.16	18.19	18.20	18.21
			
21.07	21.09	21.11	21.12
			
21.13	21.14	21.15	21.16

ArcelorMittal Nippon Steel India Limited





















Shejil Tripathi
Authorised Signatory


















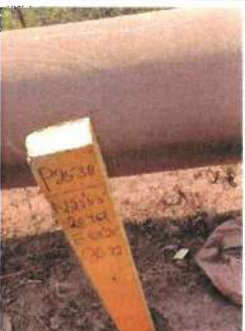


Chandra
Asst. Conservator of Forests
I/C, Champua Forest Range

			
21.17	21.18	21.19	21.20
			
21.21	21.22	21.23	21.24
			
21.25	21.26	21.27	21.28
			
21.30	21.32	22.01	22.02
			
22.03	22.04	22.05	22.06 (2)










			
22.06	22.07	22.08	22.09
			
22.10	22.12	22.15	23.13
			
23.14	23.17	23.18	23.26
			
23.28	23.29	23.30	24.01
			
24.03	24.04	24.08	24.09

			
24.10	24.11	24.12	24.13
			
24.14	24.15	24.16	24.17
			
24.18 (2)	24.18	24.19	24.20
			
24.21	24.22	24.23	24.24
			
24.25	24.27	24.28	24.29





















			
24.37	24.38	24.39	24.42
			
24.43	24.44	24.45	24.46
			
24.47	24.48	24.49	24.50
			
24.55	24.56	24.57 (2)	24.57
			
24.58	24.59	24.60	24.61





















			
24.62	24.63	24.67	24.68 (2)
			
24.68	24.69	25.01	25.03
			
25.05	25.09_d	25.12	25.13
			
25.14	25.15	25.16	25.23
			
25.24	25.38	25.39	25.43





















			
25.45	25.47	25.50	25.51
			
25.52_d	25.53	25.55_d	25.56_d
			
25.57	25.58_d	25.59	25.60
			
25.62	26.5	26.07	26.10
			
26.11	26.12	26.14	26.15





















			
26.16	26.17	26.18	26.19
			
26.20	26.21	26.22	26.27
			
26.28	26.37	26.39	26.40
			
26.41	26.42	26.43	26.44
			
26.45	26.46	26.47	26.47_d





















			
26.48	26.49	26.55	26.57
			
26.63	26.64	26.65	26.66
			
26.67	26.68	26.69	26.70
			
26.71	26.72	26.73	26.75
			
26.77	26.80	26.85	26.86

			
26.89	26.90	26.91	26.94
			
26.95	26.98	26.99	26.100
			
26.101	26.102	26.103	26.106
			
27.03	27.09	27.10	27.11
			
27.12	27.13	27.14	27.16





















			
27.42	27.43	27.44	27.45
			
27.46	27.47	27.54	27.58
			
27.59	27.60	27.61	27.62
			
27.63	27.65	27.66	27.67
			
27.68	27.69	27.70	27.71



















			
27.72	27.73	27.74	27.76
			
27.77	27.78	27.79	27.80
			
27.81	27.82	27.83	27.85
			
27.86	27.87	27.88	27.89
			
27.90	27.91	28.04	28.07





















			
28.11	28.12	28.13	28.15
			
28.16	28.17	28.18	28.19
			
28.21	28.26	28.27	28.28
			
28.29	28.30	28.31	29.01
			
29.04	29.05	29.06	29.08





















			
29.09	29.10	29.12	29.13
			
29.14	30.03	30.08	30.09
			
30.11	30.12	30.13	30.14
			
30.15	30.16	30.18	30.20
			
30.22	30.24	30.25	31.01





















31.02	32.01	32.02	32.03
32.04	32.05	32.06	32.07
32.08	32.09	32.10	32.11
32.12	33.1	33.02	33.03
33.04	33.05	33.06	33.07





















			
33.08	33.09	33.10	33.11
			
33.12	33.16	33.17	33.18
			
33.19	33.20	33.21	33.22
			
33.23	33.24	33.25	33.26
			
33.27	33.28	33.29	34.01











			
34.02	34.03	34.04	34.05
			
34.06	34.07	34.08	34.09
			
34.10	34.11	34.12	34.13
			
34.14	34.15	34.16	35.01
			
35.02	35.03	35.04	35.05

			
35.06	35.07	35.08	35.09
			
35.10	35.11	35.12	35.13
			
35.14	35.15	35.16	35.17
			
35.18	35.19	35.20	35.21
			
35.22	35.23	35.24	35.25

			
36.01	36.04	36.05	36.06
			
36.07	36.08	36.09	36.10
			
36.11	36.13	36.14	36.15
			
36.18	36.19	36.21	36.22
			
36.26	36.27	36.28	36.28_R

			
36.29	36.30	36.31	36.32
			
36.33	36.34	36.35	36.36
			
36.37	36.38	36.39	36.40
			
36.44	36.45	36.46	36.48
			
36.49	36.50	36.51	36.52

			
36.53	36.54	36.55	36.56
			
36.57	36.58	37.01	37.02
			
37.04	37.05	37.06	37.07
			
37.09	37.10	37.11	37.12
			
37.13	37.14	37.15	37.16

			
37.18	37.19	37.20	37.21
			
38.01	38.02	38.04	38.05
			
38.06	38.07		

ArcelorMittal Nippon Steel India Limited

Chiranjit Tripathi
Authorised Signatory

Al Ghat
Asst. Conservator of Forests
Forest Department, Govt. of India

PROPOSAL No.: FP/OR/Others/23166/2016**UNDERTAKING****Condition No.: B. (i, v, vi, vii, ix, x, xi, xii, xiii, xiv, xv, xvi, xvii, xviii, xix, xx & xxi)**

I, Shailendra Kumar Sah, Vice President-Projects and Authorised Signatory, M/s - **ArcelorMittal Nippon Steel India Limited** do hereby undertake that,

- Condition no. B.(i)- The legal status of the diverted forest land shall remain unchanged.
- Condition no. B.(v)- The user agency shall pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India.
- Condition no. B.(vi)- The user agency will ensure during execution of work the proposed Slurry & Return water Pipelines, along with Power and Communication cables shall be laid a minimum 1.0 meter below the ground with a 1-meter width. After laying down of the pipeline the ground will be levelled.
- Condition no. B.(vii)- The laying of the pipeline shall be done simultaneously with the digging of the trench.
- Condition no. B.(ix)- The user agency will take adequate safety measures for accidental leakage of Slurry & Water Pipelines, Power, and Communication cable.
- Condition no. B.(x)- The user agency will Implement intensive Soil & Moisture Conservation measures along both sides of the proposed pipeline corridor passing through the forest area at our project cost.
- Condition no. B.(xi)- The user agency ensures no labour camp shall be established on the forest land and the user agency shall provide fuels preferably alternate fuels to the labourers and staff working at the site.
- Condition no. B.(xii)- The user agency will ensure during the execution of work, no additional or new path will be constructed inside the forest area for any activity related to the project work.
- Condition no. B.(xiii)- The user agency ensures while executing works, shall not fell any tree or damage forest growth in the surrounding forest area in any manner.
- Condition no. B.(xiv)- The layout plan of the proposed forest land shall not be changed without the prior approval of the Ministry of Environment, Forest & Climate Change.



- Condition no. B.(xv)- The forest land shall not be used for any purpose other than that specified in the proposal.
- Condition no. B.(xvi)- The forest land proposed to be diverted shall under no circumstances be transferred to any other user agency, department or person without the prior approval of the Ministry of Environment, Forest & Climate Change.
- Condition no. B.(xvii)- No damage to the flora and fauna of the adjoining area shall be caused.
- Condition no. B.(xviii)- The user agency will co-operate with the Divisional Forest Officer of Keonjhar & Bonai Forest Division as and when required to abide by the condition of monitor and take necessary mitigative measures to ensure that there is no adverse impact on the forests in the surrounding area.
- Condition no. B.(xix)- The user agency will submit the annual self-monitoring report on compliance of stipulated conditions to the Nodal Officer (FCA) of the State and concerned Integrated Regional Office of this Ministry by the end of March every Year.
- Condition no. B.(xx)- The user agency shall comply with any other conditions that the Ministry of Environment, Forests & Climate Change may impose from time to time in the interest of afforestation, conservation, and management of flora and fauna in the area.
- Condition no. B.(xxi)- The user agency shall comply all the provisions of all Acts, Rules, Regulations, Guidelines, Hon'ble court order (s), and NGT order (s) pertaining to this project, if any, for the time being in force, as applicable to the project.

For **ArcelorMittal Nippon Steel India Limited**


Authorised Signatory
Shailendra Kumar Sah
Vice President- Projects



Ref. No. AMNS/BROWNFIELD/SPL/2024/24

Date: 28th May, 2024

To,

The Divisional Forest Officer,
Bonai Forest Division,
Bonai, Odisha.

Sub: Compliance of conditions stipulated in respect to diversion of 16.463 ha. of Forest land (12.649 ha. in Keonjhar Division and 3.814 ha. in Bonai Division) for laying of 20" dia dual pipelines (Slurry & Water), Power and Communication cable from Kalamang Ghoraburani-Sagasahi Iron Ore Mine, Koira Tahasil, Sundargarh District to Beneficiation Plant at Dubuna under Barbil Tahasil of Keonjhar District of M/s ArcelorMittal Nippon Steel India Limited (Formerly known as M/s Essar Steel India Limited)

- Ref:-**
1. Stage-I Approval vide Letter No.5- ORC496/2022-BHU dt.25.01.2022 & 27.01.2022 of the MoEF &CC, IRO, Bhubaneswar.
 2. Our submitted compliances letter on dated 4th March, 2022.
 3. Your letter No. 8202/6F-(Mg)/Dated 27.10.2023.
 4. Your office order no. 3408/6F-(Mg)/Dated 30.03.2024.

Sir,

With reference to the above-cited subject, we would like to inform you that AMNSIL, the User Agency had already submitted the **Stage-I** compliance report to your good office on dated 4th March, 2022 except the few conditions like **conditions No. A(ii), A(vii) & A(x)**. We are submitting the balance compliance report for your kind consideration and necessary actions. Point-wise balances compliance with conditions stipulated against the Diversion of 16.463 ha. of forest land. Details are as mentioned below:

A: Conditions that need to be complied prior to handing over of forest land by the State Forest Department.		
No.	Stipulations in Stage-I Approval	Compliance
i.	The user agency shall transfer online, the Net Present Value (NPV) of 16.463 ha forest land being diverted under this proposal, as per the orders of Hon'ble Supreme court of India dated 28.03.2008, 24.04.2008 and 09.05.2008 in Writ Petition (Civil) No. 202/1995 and the guideline issued by this Ministry vide its letter No. 5-3/2007-FC dated 05.02.2009, The requisite funds shall be transferred through online portal in CAMPA account of the State concerned.	As per demanded note given by the Divisional Forest Officer, Bonai Forest Division, Bonai (Rs. 54,79,459/-) & Divisional Forest Officer, Keonjhar Forest Division, Keonjhar (Rs.1,81,72,439/-) regarding NPV of the forest land diverted under this proposal an amount totaling Rs. 2,36,51,898.00 (Two Crore Thirty-Six Lakh Fifty-One Thousand Eight Hundred and Ninety-Eight Rupees Only) has been deposited in State CAMPA fund, vide Challan /UTR No. - SBINR52022031572584486 Dated- 14.03.2022 <i>Earlier, we had submitted the details of payment along with challan copy on dated March 04th, 2022 to your office.</i>

*Received
13/5/24
21-5-24*

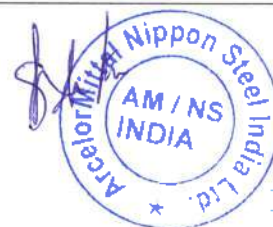
ii.	The identified non-forest land of 16.466 ha for raising compensatory afforestation shall be transferred and mutated in the name of Forest Department and notified as RF/PF prior to Stage-II approval.	The identified non-forest land of 16.466 ha for raising compensatory afforestation has been transferred and mutated in the name of the Forest Department and already notified as PF. <i>CA land transferred and mutated details are enclosed as Annexure-2 (i)</i>
iii.	The land identified for the purpose of Compensatory Afforestation /Addl. C.A. shall be clearly depicted on a Survey of India Topo sheet of 1: 50,000 scale.	The land identified for the purpose of Compensatory Afforestation /Addl. C.A. has been clearly depicted on a Survey of India Topo sheet of 1: 50,000 scale. <i>Earlier, we had submitted a copy of the map to your office on dated March 04th, 2022.</i>
iv.	The KML files of the area to be diverted and the CA/Addl. CA areas shall be uploaded on the e-Green watch portal with all requisite details before issuing working permission towards linear projects or submitting compliance report for seeking Stage- II approval, as the case may be.	The KML files of the area to be diverted and the CA/Addl. CA areas have already been uploaded on the PARIVESH portal and also submitted to your office along with the proposal. The same can be uploaded on the e-Green watch portal by an authorized official of the State Govt. only. We request you to take the necessary action in this regard. <i>Earlier, we had submitted the related documents on dated March 04th, 2022 to your office.</i>
v.	The user agency shall transfer the cost of raising and maintaining the compensatory afforestation at the current wage rate in consultation with State Forest Department in the account of CAMPA of the concerned State through online portal. The Scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years.	As per demanded note given by the Divisional Forest Officer, Keonjhar Forest Division cost of raising and maintaining the compensatory afforestation at the current wage rate amounting Rs. 1,93,00,600.00 (One Crore Ninety-Three Lakh Six Thousand Rupees Only.) has been deposited in CAMPA account vide Challan UTR No. SBINR52022022869561257 Dated- 28.02.2022. <i>Earlier, we had submitted the details of payment along with challan copy on dated March 04th, 2022 to your office.</i>
vi.	All the funds received from the user agency under the project shall be transferred/deposited in CAMPA account only through e-portal (https://parivesh.tic.in/). Amount deposited through other mode will not be accepted as compliance of the Stage-I clearance.	As per instruction we have deposited/ transferred the NPV, Cost of raising Compensatory Afforestation & Addl. Compensatory afforestation amount through NEFT directly to State CAMPA fund. <i>Earlier, we had submitted the related documents on dated March 04th, 2022 to your office.</i>



vii.	The cost of felling of trees shall be deposited by the user agency with the State Forest Department. The user agency shall explore the possibility of successful transplantation of maximum number of trees identified to be felled and shall ensure that any tree felling shall be done only when it is unavoidable and that too under the strict supervision of the State Forest Department.	The cost of felling of 797 nos. of trees for an amounting ₹ 16,19,472/- had been deposited to OFDC. The payment details are enclosed as Annexure 5(i). We explored the maximum possibility of successful transplantation of the 46 Nos. of trees identified to be felled. The details of the tree transplantation report are enclosed as Annexure-5(ii)
viii.	The compliance report of the Stage-I approval shall be uploaded on e-portal (https://parivesh.nic.in/).	It has been uploaded on the e-Portal (https://parivesh.nic.in/).
ix.	The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificates from the concerned District Collector.	The FRA Certificate had already been submitted on dated March 04 th , 2022 to your office.
x.	The boundary of the proposed forest land for diversion, shall be demarcated on the ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates.	The boundary of the proposed forest land for diversion had been demarcated on the ground at the cost of the project, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar, and GPS Co-ordinates. Reports are enclosed as Annexure- 7(i)



B: Conditions which need to be strictly complied on field after handing over of forest land to the user agency by the State Forest Department but the compliance in form of undertaking.		
i.	Legal status of forest land proposed for diversion shall remain unchanged.	<i>Earlier, we had submitted the necessary undertaking as Annexure-8 on dated March 04th, 2022.</i>
ii.	Compensatory afforestation shall be raised over 16.466 ha of non-forest land identified in Plot No.502 & 503(P) of Khata No.67 (AAA) of village Podadihi of Banspal Tahasil under Keonjhar District within three years from the date of Stage-II Clearance and maintained thereafter by the State Forest Department, at the cost of user agency.	As per demanded note given by the Divisional Forest Officer, Bonai Forest Division, Bonai (Rs. 54,79,459/-) & Divisional Forest Officer, Keonjhar Forest Division, Keonjhar (Rs. 1,81,72,439/-) regarding NPV of the forest land diverted under this proposal an amount totaling Rs. 2,36,51,898.00 (Two Crore Thirty-Six Lakh Fifty-One Thousand Eight Hundred and Ninety-Eight Rupees Only) has been deposited in State CAMPA fund, vide Challan
iii.	Addl. Compensatory afforestation shall be raised over 40.00 ha of degraded forest land identified in Kalapat RF under Telkoi Range of Keonjhar Forest Division within three years from the date of Stage-II Clearance and maintained thereafter by the State Forest Department, at the cost of user agency.	/UTR No.- SBINR52022031572584486 Dated- 14.03.2022. <i>Earlier, we had submitted the necessary undertaking as Annexure-8 on dated March 04th, 2022, to comply with the recommendation and provisions of the approved Compensatory Afforestation Scheme in over 16.466 ha of non- forest land identified in Plot No. 502 & 503(P) of Khata No.67 (AAA) of village Podadihi under Banspal Tahasil of Keonjhar District and the Addl. compensatory afforestation scheme in over 40.00 ha of degraded forest land identified in Kalapat RF under Telkoi Range of Keonjhar Forest Division.</i>
iv.	The species to be planted in the CA/Addl. CA scheme shall be of native species (same species felled as far as possible) avoiding Teak and exotic species. At least 18-month-old seedlings should be planted. Intensive monitoring of the plantation needs to be done and documented using Geo tagging so that the increase of canopy density and survival and growth of plantation can be evaluated at regular intervals.	We agree to this, and necessary assistance shall be provided to the Forest Department as per the approved CA/Addl. CA scheme.
v.	At the time of payment of Net Present Value (NPV) at the then prevailing rate, the user agency shall furnish an undertaking to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India.	<i>Earlier, we had submitted the necessary undertaking as Annexure-8 on dated March 04th, 2022.</i>



vi.	As proposed by the State Govt. the slurry, water, power and communication cables shall be laid minimum 1.0 meter below the ground with 1-meter width and after lying down of the pipeline the ground will be levelled.	Earlier, we had submitted the necessary undertaking as Annexure-8 on dated March 04th, 2022.
vii.	Laying of pipeline should be done simultaneously with digging of trench.	
viii.	The user agency shall obtain Environmental Clearance as per the provisions of Environment (Protection) Act, 1980, if applicable.	Not Applicable as this is a linear project.
ix.	The user agency shall take adequate safety measures for accidental leakage of slurry, water, power and communication cable pipelines.	Earlier, we had submitted the necessary undertaking as Annexure-8 on dated March 04th, 2022.
x.	The user agency implements intensive Soil & Moisture Conservation measures along both sides of the proposed pipeline corridor passing through forest area at project cost.	
xi.	No labour camp shall be established on the forest land and the user agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas.	
xii.	No additional or new path will be constructed inside the forest area for any activity related to the project work.	
xiii.	The user agency while executing works shall not fell any tree or damage forest growth in the surrounding forest area in any manner.	
xiv.	The layout plan of the proposed forest land shall not be changed without the prior approval of Ministry of Environment, Forest & Climate Change.	
xv.	The forest land shall not be used for any purpose other than that specified in the proposal.	
xvi.	The forest land proposed to be diverted shall under no circumstances be transferred to any other user agency, Department or person without the prior approval of Ministry of Environment, Forest & Climate Change.	
xvii.	No damage to the flora and fauna of the adjoining area shall be caused.	



xviii.	The concerned Divisional Forest Officer will monitor and take necessary mitigative measures to ensure that there is no adverse impact on the forests in the surrounding area.	<i>Earlier, we had submitted the necessary undertaking as Annexure-8 on dated March 04th, 2022.</i>
xix.	The user agency shall submit annual self-monitoring report on compliance of stipulated conditions to the Nodal Officer (FCA) of the State and concerned Integrated Regional Office of this Ministry by the end of March every Year.	
xx.	Any other conditions that the Ministry of Environment, Forests & Climate Change may Impose from time to time in the interest of afforestation, conservation and management of flora and fauna in the area, shall be complied by the user agency.	<i>Earlier, we had submitted the necessary undertaking as Annexure-8 on dated March 04th, 2022.</i>
xxi.	The State Govt. and user agency shall ensure Compliance to provisions of the all Acts, Rules, Regulations, Guidelines, NGT Order (s) & Hon'ble Court Order (s) pertaining to this Project, it any, for the time being in force, as applicable to the project.	

It is therefore requested to kindly examine the above compliances in respect to the conditions stipulated in the grant order of Stage-I FC pertaining to diversion of 16.463 ha. of Forest land (12.649 ha. in Keonjhar Division and 3.814 ha. in Bonai Division) for laying of 20" dia dual pipelines (Slurry & Water), Power and Communication cable from Kalamang Ghoraburani-Sagasahi Iron Ore Mine, Koira Tahasil, Sundargarh District to Beneficiation Plant at Dubuna under Barbil Tahasil of Keonjhar District of M/s ArcelorMittal Nippon Steel India Limited (Formerly known as M/s Essar Steel India Limited) and recommend to higher-ups for grant of Stage-II Forest Clearance to execute this Project.

Thanking you,

Yours Faithfully

For ArcelorMittal Nippon Steel India Limited

Authorized Signatory



Enclosure: As above

Copy to: The DFO, Keonjhar Division for information and necessary action.

Annexure-1

AGENCY COPY

यूनियन बैंक ऑफ इंडिया Union Bank of India

NEFT / RTGS CHALLAN for CAMPA Funds
Date : 14-03-2022

Agency Name.	Essar Steel India Limited
Application No.	19923166532
MoEF/SG File No.	5-ORC496/2022-BHU
Location.	ORRISA
Address.	Udaya Bata, Paradeep-754142, Dist- Jagatsinghpur Jagatsinghpur
Amount(in Rs)	23651898/-

Amount in Words : Two Crore Thirty-Six Lakh Fifty-One Thousand Eight Hundred and Ninety-Eight Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	UBIN0903710
Pay to Account No.	1508219923166532 Valid only for this challan amount.
Bank Name & Address:	Union Bank Of India Lodhi Complex Branch, Block 11, CGO Complex, Phase I, Lodhi Road, New Delhi -110003

• This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

BANK COPY

यूनियन बैंक ऑफ इंडिया Union Bank of India

NEFT / RTGS CHALLAN for CAMPA Funds
Date : 14-03-2022

Agency Name.	Essar Steel India Limited
Application No.	19923166532
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Bank Name & Address:	Union Bank Of India Lodhi Complex Branch, Block 11, CGO Complex, Phase I, Lodhi Road, New Delhi -110003

• This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

After making successful payment, User Agencies may send a line of confirmation through
Email: helpdeskcampa@corpbank.co.in

Note: After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date to
Email: cb0371@unionbankofindia.com

SBINR52022031572584486.





OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION

Phone No- 06766-254315, email ID- dfo.keonjhar@odisha.gov.in

No. 1396 /Mining- 10/2016

Dated, Keonjhar, the 22-02, 2022

To

The Authorized Signatory,
M/s ArcelorMittal Nippon Steel India Limited
(formerly known as Essar Steel India Limited),
Udayabata, Paradip, Jagatsinghpur, PIN- 754142

Sub: Diversion of 16.463 ha of forest land (12.649 ha in Keonjhar Division and 3.814 ha in Bonai Division) for laying of 20" dia pipelines (Slurry and Water), Power and communication cables from Kalmang Ghorburuni – Sagasahi Block, Koira Tahasil, Sundergarh District to beneficiation plant at Dubuna under Barbil Tahasil of Keonjhar District by M/s ArcelorMittal Nippon Steel India Limited (formerly known as Essar Steel India Limited)

X-Sub: **Demand of funds towards Net Present Value (NPV) over 12.649 ha. Forest land coming under Keonjhar Division.**

Ref: F. No. 5-ORC496/2022-BHU dt. 25.01.2022 and F. No. 5-ORC496/2022-BHU dt. 27.01.2022 of Govt. of India, MoEF&CC, IRO, Bhubaneswar

Sir,

In compliance to the condition No. 2.A(i) of the Stage-I approval order dated 25.01.2022 of MoEF&CC, Govt. of India, IRO, Bhubaneswar, you are requested to deposit an amount of **Rs. 1,81,72,439/- (Rupees one crore eighty-one lakh seventy-two thousand four hundred thirty-nine)** only towards Net Present Value (NPV) over 12.649 ha forest land coming under Keonjhar Division at the rate of Rs. 14,36,670/- per ha (Eco value Class- I, Canopy Density- 0.5) as per revised rate fixed by MoEF&CC, Govt. of India vide F. No. 5-3/2011-FC (Vol-I) dated 06.01.2022 & F. No. 5-3/2011-FC (Vol-I) dated 19.01.2022 and Site Inspection Report of the undersigned dated 10.12.2020. The above demanded amount has to be deposited in Orissa CAMPA Account only through e-portal (<https://parivesh.nic.in/>) within 30 days from the date of issue of this letter and the proof/evidence of the deposit of fund be submitted to this office for further necessary action at this end.

Yours faithfully,


Divisional Forest Officer,
Keonjhar Division.

Memo No. 1397 / Dated. 22-02-2022

Copy forwarded to the Divisional Forest Officer, Bonai Division for information and necessary action.


Divisional Forest Officer,
Keonjhar Division.

Memo No. 1398 / Dated. 22-02-2022

Copy forwarded to the Regional Chief Conservator of Forests, Rourkela Circle, Rourkela/ Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests & HoFF, Odisha, Bhubaneswar for favour of kind information and necessary action.


Divisional Forest Officer,
Keonjhar Division.



ବନଖଣ୍ଡ ଅଧିକାରୀଙ୍କ କାର୍ଯ୍ୟାଳୟ: ବଣାଇଁ ବନଖଣ୍ଡ I

OFFICE OF THE DIVISIONAL FOREST OFFICER: BONAI DIVISION.

Phone / Fax – 06626-244434: E-mail

At- dfobonai.od@gov.inNo. 1502 /6F-(Mg.) Dt: 19.2 .2022

To

The Authorized Signatory,
M/s Arcelor Mittal Nippon Steel India Ltd.
Formerly Essar Steel India Ltd.), Udayabata, Paradip,
Jagatsinghpur, PIN-754142, Odisha.

Sub: -

Diversion of 16.463 ha. of forest land (12.649 ha. in Keonjhar Division and 3.814 ha. in Bonai Division) for laying of 20" dia dual pipelines (Slurry & Water), Power and communication cable from Kalmang Ghoraburani-Segasahi Block, Koira Tehil, Sundargarh District to Beneficiation plant at Dubuna under Barbil Tehsil of Keonjhar District of M/s ArcelorMittal Nippon Steel India Limited (Formerly known as M/s ESSAR Steel India Ltd.).

X-Sub:-

Stage-I approval accorded vide Letter No.5-ORC496/2022-BHU dt.25.1.2022 of the MoEF & CC, IRO, Bhubaneswar.

Ref:-

1. Letter No.5-ORC496/2022-BHU dt.25.1.2022 of the MoEF & CC, IRO, Bhubaneswar.
2. Letter No.5-ORC496/2022-BHU dt.27.1.2022 of the MoEF & CC, IRO, Bhubaneswar.
3. Letter No.2903/FE & CC dt.8.2.2022 of the FE & CC Deptt. addressed to the PCCF, Odisha, and copy endorsed to the subsequent memo.
4. Memo No.2735 dt.10.2.2022 of the PCCF (FD & No FC Act), Bhubaneswar.

Sir,

Enclosed, please find herewith a copy of Letter No.5-ORC496/2022-BHU dt.25.1.2022 of the MoEF & CC, Integrated Regional Office, Bhubaneswar, in which Stage-I approval has accorded by MoEF & CC for diversion of 16.463 ha. of forest land (12.649 ha. in Keonjhar Division and 3.814 ha. in Bonai Division) in favour of M/s ArcelorMittal Nippon Steel India Limited (Formerly known as M/s ESSAR Steel India Ltd.) for laying of 20" dia dual pipelines (Slurry & Water), Power and communication cable from Kalmang Ghoraburani-Segasahi Block, Koira Tehil, Sundargarh District to Beneficiation plant at Dubuna under Barbil Tehsil of Keonjhar District along with copy of Letter No.2903/FE & CC dt.8.2.2022 of the Forest, Environment & Climate Change Deptt. Govt. of Odisha, Bhubaneswar.

You are requested to comply with all the Conditions along with compliance of NGT orders and submit your point-wise compliance for onward transmission to the Govt. at the earliest.

Further, you are requested to prepare necessary Schemes with the help of Range Officer, Koira Range and submit the same to this office for approval as prescribed in Condition No.B (x) of the Stage-I approval.

The User Agency is requested to deposit the following amount through e-portal of MoEF & CC as provided in the <http://parivesh.nic.in>, and submit the original proof with seal and signature of the issuing Bank to this office for needful.

1. The User Agency is requested to deposit ₹ 54,79,459/- (₹ 14,36,670/- (X) 3.814 ha.) (Rupees Fifty Four Lakh Seventy Nine Thousand Four Hundred Fifty Nine) only towards Net Present Value (NPV) as per Condition No.A. (i) of the Stage-I approval order within 30 days from the issue of this Letter.

Encl :- As above

Yours faithfully,


Divisional Forest Officer,
Bonai Division.

Memo No. 1503 /6F-Dt: 19.2.2022

Copy forwarded to the Principal Chief Conservator of Forests, Forest Diversion & Nodal Officer, F.C. Act' O/O the P.C.C.F., Odisha Bhubaneswar for favour of kind information and necessary action.


Divisional Forest Officer,
Bonai Division.

Memo No. 1504 /6F-Dt: 19.2.2022

Copy forwarded to the Regional Chief Conservator of Forests, Rourkela Circle, Rourkela for favour of kind information with reference and necessary action.


Divisional Forest Officer,
Bonai Division.

Memo No. 1505 /6F-Dt: 19.2.2022

Copy forwarded to the Collector, Sundargarh for favour of kind information with reference and necessary action.


Divisional Forest Officer,
Bonai Division.

Memo No. 1506 /6F-Dt: 19.2.2022

Copy forwarded to the Range Officer, Koira Range for information and necessary action.

He is instructed to inspect the site and submit his report regarding compliance of Condition No.A. (x), and B. (i), (vi), (ix), (xi), (xii), (xiii), (xiv), (xv), (xvi), (xvii), (xviii), (xix), and (xxi) of the Stage-I approval Order **Copy of the Stage-I approval Letter is enclosed herewith.**


Divisional Forest Officer,
Bonai Division.

OFFICE OF THE TAHASILDAR, BANSPAL

No. 1765 /Rev.dated 21 /07/2023

To

The Divisional Forest Officer, Keonjhar Division.

Sub:- Alienation of non forest Government land for compensatory afforestation-
Submission of R.O.R. thereof.Ref:- Memo No.855/Rev. Dt.03.04.2023 of the Addl. District Magistrate,
Keonjhar.

Sir,

In inviting a reference to the letter on the subject cited above, I am to say that the Collector, Keonjhar has been please to sanction the following schedule of land in alienation case No.03/2022 vide District Office Order No. 853/Rev. Dated 03.04.2023 and communicated to you vide District Office memo under reference.

LAND SCHEDULE

Name of the Village	Khata No.	Plot No.	Total Area (in Hc.)	Area (in Hc.)	Kisam
Podadihi	67 (AAA)	502	8.1000	8.1000	Parbat-I
		503 (P)	9.0000	8.3660	Parbat-I
Total			17.1000	16.4660	

As per order of the Collector, Keonjhar, the said land is meant for compensatory afforestation and will be exclusively used for the purpose for which it is alienated within 3years, and all precautionary steps may be taken to keep it free from encroachment failing which the said land will be reverted to Government Khata.

Further, I am to inform you that as one R.O.R. exist in respect of Mouza- Padadihi in Bhulekh software data in the name of State Forest Department, the below noted plots were included and R.O.R. prepared accordingly vide Khata No.1/1.

Name of the Village	Khata No.	Plot No.	Total Area (in Hc.)	Area (in Hc.)	Kisam
Podadihi	67 (AAA)	502	8.1000	8.1000	Parbat-I
		503/741	8.3660	8.3660	Parbat-I
Total			16.4660	16.4660	

The receipt of the R.O.R. bearing No.1/1 in respect of Mouza- Podadihi may kindly be acknowledged.

Encl: As above

Yours faithfully,

Kausik Patra
21/07/23TAHASILDAR, BANSPAL
(Contd..P/2..)ROR
Received
21/07/23

Memo No. 1766 /Rev.dated 21 /07/2023

Copy forwarded to the Addl.District Magistrate, Keonjhar for favour of kind information and necessary action with reference to District Office Memo No.858/Rev. Dt.03.04.2023

Kaushik Pattnaik
21/07/23.
TAHASILDAR, BANSPAL

Memo No. 1767 /Rev.dated 21 /07/2023

Copy forwarded to the Sub-Collector, Keonjhar for favour of kind information and necessary action with reference to District Office Memo No.856/Rev. Dt.03.04.2023

Kaushik Pattnaik
21/07/23.
TAHASILDAR, BANSPAL

Memo No. 1768 /Rev.dated 21 /07/2023

Copy forwarded to M/s Authorised Signatory, M/s Arcelor Mittal Nippon Steel India Ltd. (Formerly Known as M/s Easser India Ltd.) Udayabata, Paradeep-Jagatsinghpur-7547142 for information and necessary action with reference to District Office Memo No.857/Rev. Dt.03.04.2023

Kaushik Pattnaik
21/07/23.
TAHASILDAR, BANSPAL

Memo No. 1769 /Rev.dated 21 /07/2023

Copy to Revenue Inspector, Upar Raigoda for information and necessary action. She is directed to hand over possession of the aforementioned land to authorised Official of the Divisional Forest Officer, Keonjhar Division and report compliance.

Kaushik Pattnaik
21/07/23.
TAHASILDAR, BANSPAL

Schedule I Form No.39-A

ଖତିୟାନ

ମୌଜା : ପୋଡ଼ାଡ଼ିହି

ଥାନା : ନୟାକୋଟ

ଥାନା ନମ୍ବର : 55

ଖତିୟାନର କ୍ରମିକ ନଂ : 1/1

ତହସିଲ : ବାଂଶପାଳ

ତହସିଲ ନମ୍ବର : 05

ଜିଲ୍ଲା : କେନ୍ଦୁଝର

ଜମିଦାରଙ୍କ ନାମ ଓ
ଖେଡ଼ାଟ ବା ଖତିୟାନର
କ୍ରମିକ ନମ୍ବର

ଓଡ଼ିଶା ସରକାର ପ୍ରଥମ ଭାଗ ଖେଡ଼ାଟ ନମ୍ବର 1

୧) ଖତିୟାନର କ୍ରମିକ ନଂ

1/1

୨) ପ୍ରଜାର ନାମ, ପିତାର
ନାମ, ଜାତି ଓ ବାସସ୍ଥାନ

ରାଜ୍ୟ ଜଙ୍ଗଲ ଓ ପରିବେଶ ବିଭାଗ, ଓଡ଼ିଶା ।

୩) ସ୍ୱତ୍ୱ

୪) ବେଢା

ଜଳକର	ଖଜଣା	ସେସ	ନିଷ୍କାର ସେସ ଓ ଅନ୍ୟାନ୍ୟ ସେସ ଯଦି କିଛି ଥାଏ	ମୋଟ	୫) କ୍ରମବର୍ଦ୍ଧନଶୀଳ ଖଜଣାର ବିବରଣୀ
	0.00	0.00	0.00	0.00	

୬) ବିଶେଷ ଅନୁସଙ୍ଗ
ଯଦି କିଛି ଥାଏ

Alienation Case No. 2/2019 ହୁ.ମୁ. ପ୍ଲଟ ନଂ 329/730 ରକବା ହେ 15.2000, ପ୍ଲଟ ନଂ 361/731 ରକବା ହେ 2.4000, ପ୍ଲଟ ନଂ 499/732 ରକବା ହେ 18.0400, ପ୍ଲଟ ନଂ 500/733 ରକବା ହେ 13.5380, ପ୍ଲଟ ନଂ 501 ରକବା ହେ 15.2600, ପ୍ଲଟ ନଂ 537/734 ରକବା ହେ 3.6000, ପ୍ଲଟ ନଂ 538 ରକବା ହେ 12.7800, ପ୍ଲଟ ନଂ 539 ରକବା ହେ 14.5190, ପ୍ଲଟ ନଂ 565 ରକବା ହେ 16.8000, ପ୍ଲଟ ନଂ 566/735 ରକବା ହେ 8.7010 ଖା.ଖା. 66 ରୁ । Alienation Case No. 1/2020 ହୁ.ମୁ. ପ୍ଲଟ ନଂ 329/736 ରକବା ହେ 11.0000, ପ୍ଲଟ ନଂ 519 ରକବା ହେ 11.8000 ଖା.ଖା. 66 ରୁ । Alienation Case No. 02/2022 (ଦା.ଖା କେଶ ନଂ 5684/2022) ହୁ.ମୁ ପ୍ଲଟ ନଂ 503 ରୁ ରକବା ହେ 0.5400, ପ୍ଲଟ ନଂ 504 ରୁ ରକବା ହେ 5.0000, ପ୍ଲଟ ନଂ 505 ରୁ ରକବା ହେ 7.1880 ଖା.ଦା.ଖା 67 ରୁ । Alienation Case No. 3/2022 (ଦା.ଖା କେଶ ନଂ 2090/2023) ହୁ.ମୁ ପ୍ଲଟ ନଂ 502 ରକବା ହେ 8.1000, ପ୍ଲଟ ନଂ 503 ରୁ ରକବା ହେ 8.3660 ଖା.ଖା 67 ରୁ ।

BLANK SPACE FOR STAMPING

ଅତିମ ପ୍ରକାଶନ ତାରିଖ :

ଖଜଣା ଧାର୍ଯ୍ୟ ତାରିଖ :

ବାସ୍ତୁତା ସୂଚନା ବିଭାଗ କେନ୍ଦ୍ର, ଓଡ଼ିଶା



ADDL. TAHASILDAR
BANSPAL

17/07/2023

ଖତିୟାନର କ୍ରମିକ ନଂ : 1/1		ମୌଜା : ପୋଡ଼ାଡ଼ିହି			ଗିଲା : କେନ୍ଦୁଝର	
ପୁର ନମ୍ବର ଓ ଚକର ନାମ	କିସମ ଓ ପୁରର ଖଜଣା	କିସମର ବିସ୍ତାରିତ ବିବରଣୀ ଓ ଚୌହଦି	ରକବା			ମତବ୍ୟ
			ଏକର	ଡ଼ି	ହେକ୍ଟର	
୭	୮	୯	୧୦		୧୧	୧୨
329/730	ପର୍ବତ ଏକ		37	560	15.2000	Rev.Misc. Case No. 4/2019 ହୁ.ମୁ. ପୁର ନଂ 329/730 ରକବା ହେ 15.2000 ଖା.ଖା. 67 ଭୂ।
361/731	ପର୍ବତ ଏକ		5	930	2.4000	Rev.Misc. Case No. 4/2019 ହୁ.ମୁ. ପୁର ନଂ 361/731 ରକବା ହେ 2.4000 ଖା.ଖା. 67 ଭୂ।
499/732	ପର୍ବତ ଏକ		44	570	18.0400	Rev.Misc. Case No. 4/2019 ହୁ.ମୁ. ପୁର ନଂ 499/732 ରକବା ହେ 18.0400 ଖା.ଖା. 67 ଭୂ।
500/733	ପର୍ବତ ଦୁଇ		33	450	13.5380	Rev.Misc. Case No. 4/2019 ହୁ.ମୁ. ପୁର ନଂ 500/733 ରକବା ହେ 13.5380 ଖା.ଖା. 67 ଭୂ।
537/734	ପର୍ବତ ଦୁଇ		8	895	3.6000	Rev.Misc. Case No. 4/2019 ହୁ.ମୁ. ପୁର ନଂ 537/734 ରକବା ହେ 3.6000 ଖା.ଖା. 67 ଭୂ।
566/735	ପର୍ବତ ଦୁଇ		21	500	8.7010	Rev.Misc. Case No. 4/2019 ହୁ.ମୁ. ପୁର ନଂ 566/735 ରକବା ହେ 8.7010 ଖା.ଖା. 67 ଭୂ।
501	ପର୍ବତ ଏକ		37	700	15.2600	Rev.Misc. Case No. 4/2019 ହୁ.ମୁ. ପୁର ନଂ 501 ରକବା ହେ 15.2600 ଖା.ଖା. 67 ଭୂ।
538	ପର୍ବତ ଏକ		31	580	12.7800	Rev.Misc. Case No. 4/2019 ହୁ.ମୁ. ପୁର ନଂ 538 ରକବା ହେ 12.7800 ଖା.ଖା. 67 ଭୂ।
539	ପର୍ବତ ଏକ		35	870	14.5190	Rev.Misc. Case No. 4/2019 ହୁ.ମୁ. ପୁର ନଂ 539 ରକବା ହେ 14.5190 ଖା.ଖା. 67 ଭୂ।
565	ପର୍ବତ ଏକ		41	510	16.8000	Rev.Misc. Case No. 4/2019 ହୁ.ମୁ. ପୁର ନଂ 565 ରକବା ହେ 16.8000 ଖା.ଖା. 67 ଭୂ।
329/736	ପର୍ବତ ଏକ		27	1816	11.0000	
519	ପର୍ବତ ଏକ		29	1584	11.8000	
503/738	ପର୍ବତ ଏକ		1	3344	0.5400	
504/739	ପର୍ବତ ଏକ		12	355	5.0000	
505/740	ପର୍ବତ ଏକ		17	701	7.1880	
502	ପର୍ବତ ଏକ		20	015	8.1000	

503/741	ପର୍ବତ ଏକ		20672	8.3660	
17 ପୃଷ୍ଠା			4270424	172.8320	

ADDL. TAHASILDAR
BANSAL

ଭାରତୀୟ ସ୍ୱତନ୍ତ୍ରତା ବିଜ୍ଞାନ କେନ୍ଦ୍ର, ଓଡ଼ିଶା

ମୁଖ୍ୟ ମନ୍ତ୍ରୀ (ସମ୍ପଦ)

17/07/2023

The Odisha Gazette

EXTRAORDINARY
PUBLISHED BY AUTHORITY

No. 2721 CUTTACK, WEDNESDAY, NOVEMBER 29, 2023/MARGASIRA 8, 1945

FOREST, ENVIRONMENT & CLIMATE CHANGE DEPARTMENT NOTIFICATION

The 22nd November 2023

S.R.O. No. 805/2023—In exercise of the powers conferred under Section 33 of the Odisha Forest Act, 1972 (Odisha Act 14 of 1972), the State Government do hereby declare that the following land situated in Village Podadihi under Banspal Tahasil of Keonjhar District mutated and transferred in favour of Forest, Environment & Climate Change Department for raising Compensatory Afforestation thereon against the proposed diversion of 16.463 ha of forest land (12.649 ha under Keonjhar Division and 3.814 ha in Bonai Division) for laying of 20" dia dual pipelines (slurry and water), power & communication cables from Kalmang Ghoraburuni-Sagasahi Block, Koira Tahasil, Sudargarh District to beneficiation plant at Dubuna under Barbil Tahasil of Keonjhar District by M/s Arcelor Mittal Nippon Steel Limited (Formerly known as M/s Essar Steel India Ltd.) vide 'Stage-I/ in-principle' approval of Government of India, Ministry of Environment, Forests & Climate Change, IRO, Bhubaneswar communicated in Letter No. 5-ORC496/2022-BHU, dated the 25th January 2022 under Section 2 of the Forest (Conservation) Act, 1980, the limits of which are specified below and the area of which is 16.4660 ha (40.6870 Ac.) shall be 'Protected Forest' with effect from the date of issue of the Notification and shall be known as "Podadihi Protected Forest":—

Forest Block :

Name of the Protected Forest	:	Podadihi
Area in ha	:	16.4660
Area in Acres	:	40.6870
Name of the Village	:	Podadihi
Name of the Police Station	:	Nayakote
Name of the Tahasil	:	Banspal
Name of the Subdivision	:	Keonjhar (Sadar)
Name of the District	:	Keonjhar

LAND SCHEDULE

Village	Khata No.	Plot No.	Kissam	Area in Ac.	Boundary Description			
					North	South	East	West
Podadihi	1/1	502	Parbat-I	20.0150	Plot No. 503/741	Boundary of village Jaldiha & Badakuda	Boundary of village Podadihi Sheet No. 4	Plot No. 501
		503/741		20.6720	Balance Plot No. 503	Plot No. 502	Boundary of village Podadihi Sheet No. 4	Plot No. 501

Total : 40.6870 Ac. or 16.4660 ha

[No. 24350—FE-DIV-FLD-0170/2021-{10F(Cons.)-106/2021}-FE&CC.]

By order of the Governor

SATYABRATA SAHU

Additional Chief Secretary to Government

GOVERNMENT OF ODISHA
FOREST, ENVIRONMENT & CLIMATE CHANGE DEPARTMENT

NOTIFICATION

Bhubaneswar, dated the 22.11.23

No.FE-DIV-FLD-0170-2021-{10F-(Cons)-106/2021}- 24350 /FE&CC, In exercise of the powers conferred under Section-33 of the Odisha Forest Act, 1972 (Odisha Act 14 of 1972), the State Government do hereby declare that the following land situated in Village- **Podadihi** under Banspal Tahasil of Keonjhar District mutated and transferred in favour of Forest, Environment & Climate Change Department for raising Compensatory Afforestation thereon against the proposed diversion of 16.463 ha of forest land (12.649 ha under Keonjhar Division and 3.814 ha in Bonai Division) for laying of 20" dia dual pipelines (slurry and water), Power and communication cables from Kalmang Ghoraburuni-Sagasahi Block, Koira Tahasil, Sundargarh District to Beneficiation plant at Dubuna under Barbil Tahasil of Keonjhar District by M/s Arcelor Mittal Nippon Steel Limited (Formerly known as M/s Essar Steel India Ltd) vide 'Stage-I/ in-principle' approval of Government of India, MoEF&CC, IRO, Bhubaneswar communicated in letter No.5-ORC496/2022-BHU, dt.25.01.2022 under Section-2 of the Forest (Conservation) Act, 1980, the limits of which are specified below and the area of which is 16.4660 Ha (40.6870 Ac) shall be Protected Forest with effect from the date of issue of the Notification and shall be known as "**Podadihi Protected Forest**".

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Area in Ha	:	16.4660
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Name of the Village	:	Podadihi
Name of the Police Station	:	Nayakote
Name of the Tahasil	:	Banspal
Name of the Sub-Division	:	Keonjhar (Sadar)
Name of the District	:	Keonjhar

Land Schedule:

Village	Khata No.	Plot No.	Kissam	Area in Ac.	Boundary description			
					North	South	East	West
Podadihi	1/1	502	Parbat-I	20.0150	Plot No. 503/ 741	Boundary of village Jaldiha & Badakuda	Boundary of village Podahihi Sheet No.4	Plot No. 501
		503/		20.6720	Balance	Plot No.	Boundary	Plot



		741			Plot No. 503	502	of village Podadihi Sheet No.4	No. 501
Total					40.6870 Ac or 16.4660 ha			

By Order of the Governor

(Satyabrata Sahu)

Additional Chief Secretary to Government

By e-mail: deputydirectorpp@rediffmail.com

Memo No. 24351/FE&CC, Date 22.11.23

Copy with soft copy forwarded to the Director of Printing, Stationery and Publication, Odisha Cuttack for publication in an extra-ordinary issue of the Odisha Gazette and supply 10 copies of printed notification each to Forest, Environment & Climate Change Department/ Director of Land Records and Surveys, Odisha, Cuttack/ Collector, Keonjhar/ Collector, Sundargarh/ Divisional Forest Officer, Keonjhar Forest Division/ Divisional Forest Officer, Bonai Forest Division/ Tahasildar, Banspal Tahasil, Dist.-Keonjhar.

2. The Notification is statutory and may be assigned SRO number.

22/11/2023

OSD-cum-Special Secretary to Government

Memo No. 24352/FE&CC, Date 22.11.23

Copy forwarded to the Assistant Inspector General of Forests, Govt. of India, Ministry of Environment, Forest and Climate Change, (F.C. Division), Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi-110003/ Deputy Director General of Forests (Central), Govt. of India, MoEF & CC, Regional Office, A/3, Chandrasekharapur, Bhubaneswar-23 for information and necessary action.

22/11/2023

OSD-cum-Special Secretary to Government

Memo No. 24353/FE&CC, Date 22.11.23

Copy forwarded to the Revenue & Disaster Management Department/ Steel & Mines Department/ Energy Department/ Director of Land Records and Surveys, Odisha, Cuttack/ R.D.C. (N.D.) Sambalpur/ Collector, Keonjhar/ Collector, Sundargarh/ Tahasildar, Banspal Tahasil, Dist.-Keonjhar for information and necessary action.

22/11/2023

OSD-cum-Special Secretary to Government

Memo No. 24354/FE&CC, Date 22.11.23

Copy forwarded to the Principal Chief Conservator of Forests & HoFF, Odisha/ Principal Chief Conservator of Forests (WL) & CWLW, Odisha/ Principal Chief Conservator of Forests (FD&NO, FC Act), O/o the PCCF, Odisha w.r.t. his letter No.21185, dt.30.10.2023/ Regional Chief Conservator of Forests, Rourkela Circle/ Divisional Forest Officer, Keonjhar Forest Division/ Divisional Forest Officer, Bonai Forest Division for information and necessary action.

22/11/2023

OSD-cum-Special Secretary to Government

Memo No. 24355/FE&CC, Date 22.11.23

Copy forwarded to the Head State Portal, IT Centre, Odisha Secretariat, Bhubaneswar/ OE (IT) Section, FE&CC Department w.r.t. this Department letter No.21646/F&E dtd.22.11.2016/ 5 spare copies for G.F. for information and necessary action.

OSD-cum-Special Secretary to Government
Memo No. 24356/FE&CC, Date 22.11.23

Copy forwarded to the Authorized Signatory, M/s Arcelor Mittal Nippon Steel India Ltd (Formerly known as Essar Steel India Ltd), Udayabata, Paradip, Jagatsinghpur, Pin-754142 for information and necessary action.

OSD-cum-Special Secretary to Government

No. F45N11

Scale 1:50,000

F45N6 (73G/6)	F45N10 (73G/10)	F45N14 (73G/14)
F45N7 (73G/7)	F45N11 (73G/11)	F45N15 (73G/15)
F45N8 (73G/8)	F45N12 (73G/12)	F45N16 (73G/16)

1 Mayurbhanj, ORISSA

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2010. PRICE ₹ 94/-

CONVENTIONAL SYMBOLS	
Express highway: with toll, with bridge, with distance stone	20
Roads: metalled according to importance	10
Unmetalled road: Can-track, Pack-track with pass, Foot-path	5
Sewer: with track in bed, unlined, Canal	1
Dam: masonry or rock-fill; earthwork, Wall	1
River: dry with water channel; with island & rocks, Tidal river	1
Submerged rocks, Shoal, Swamp, Reeds	1
Wells: lined, unlined, Tube-well, Spring, Tank, Perennial, dry	1
Embankments: road or rail; tank, Broken ground	1
Railways, broad gauge: double, single with station; under construction	1
Railways, other gauges: double, single with station; do.	1
Miscellaneous line or tramway, Kin. Cutting with tunnel	1
Contours with sub-features: Rocky slopes, Cliffs	1
Sand features: (1) flat, (2) sand-hills (dune), (3) dunes (barrier)	1
Towns or Villages: inhabited, deserted, Fort	1
Hill, permanent, temporary, Tower, Antenna	1
Temple, Chhatra, Church, Mosque, Light, Tomb, Grave	1
Lighthouse, Lightship, Buoy, lighted, unlighted, Anchorage	1
Mini, Vire on staffs, Grass, Scrub, Bamboo, Other trees	1
Areas: cultivated, wooded, Surveyed tree	1
Boundary, international	1
state: demarcated, undemarcated	1
district: subdivided, taluk or talika, forest	1
Boundary pillars: surveyed, unlocated	1
Heights, triangulated: station, point, approximate	1
Bench-mark: geodetic: tertiary, canal	1
Post office: Telegraph office, Overhead tank	1
Rail house or inspection bungalow, Circuit house, Police station	1
Camping ground, Forest: reserved, protected	1
Special names: administrative: locality or tribal	1
Hospital, Dispensary, Veterinary Hospital / Dispensary	1
Aeroplane, Helipad, Tourist site	1
Power line: with pylons surveyed, with poles unsurveyed	1

NOTES :-

Heights are in metres and above Indian mean sea level.

Contours are approximate.

A relative height, Δ , represents the approximate height, in metres, between the top and bottom of a steep slope.

The exterior boundaries of areas of Reserved or Protected Forests are shown by green lines.

Side-wells are numerous throughout the sheet, only the important ones have been shown.

Hand Pump is shown by

COMPILATION INDEX

A. Compiled from 1:25,000 survey 2005-01.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about $\frac{1}{2}$ West in 2005. (Annual change negligible).

1:50,000

500 m to 1 cm

2 cm to 1 km

3 Kilometres

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact

Director

Orissa Geo-Spatial Data Centre

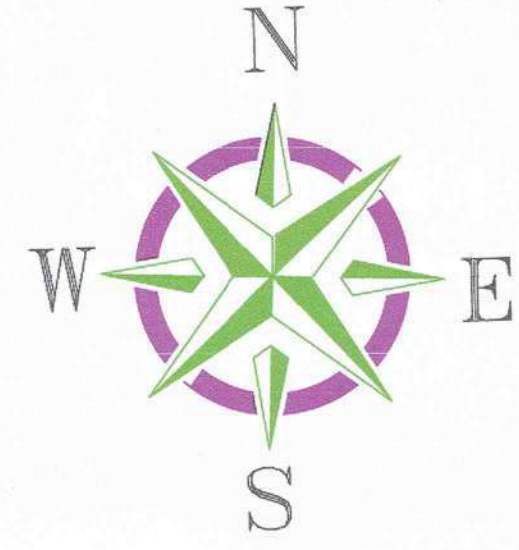
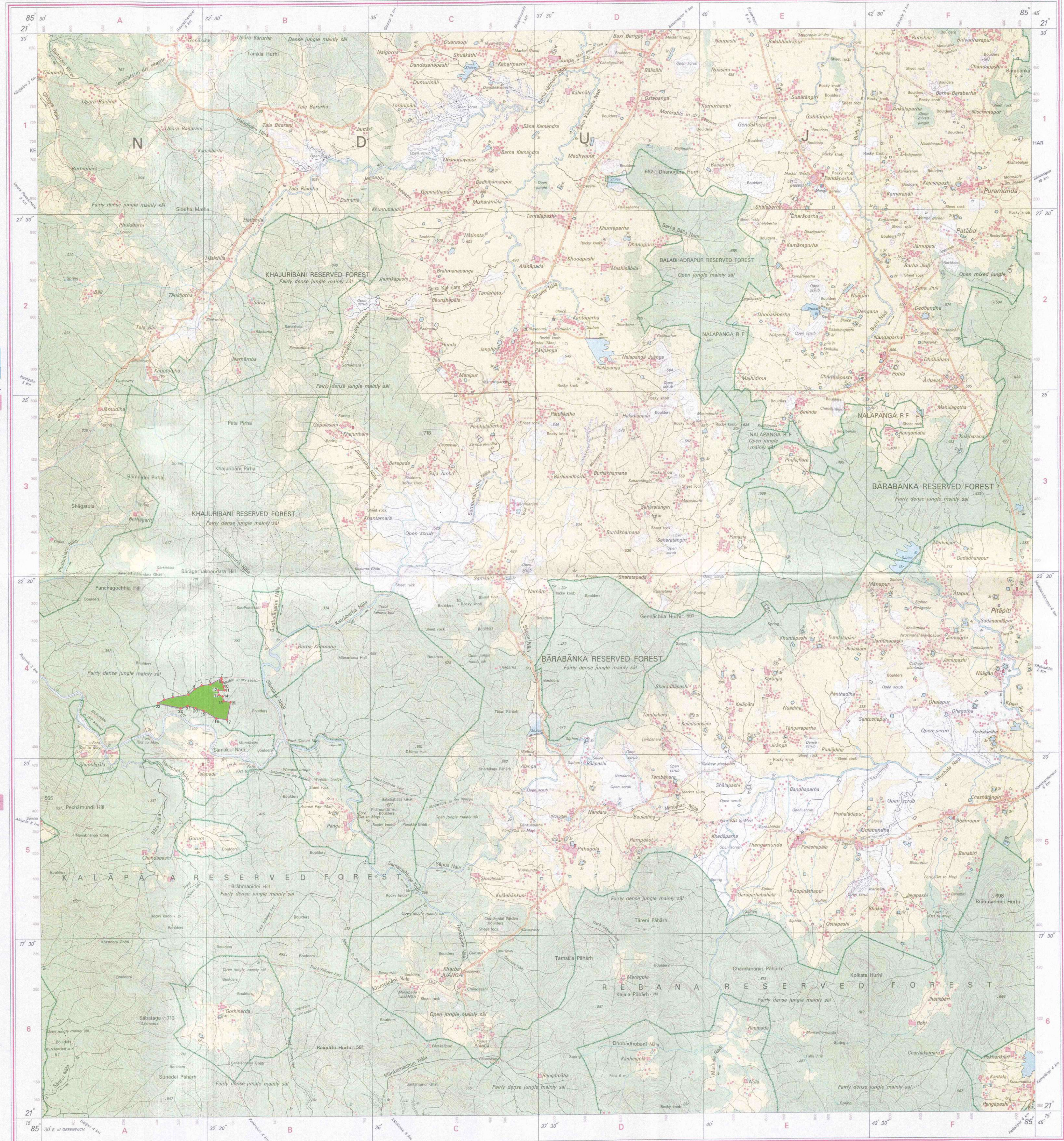
Survey of India

Survey Bhawan, PO - R R Laboratory

Bhubaneswar - 751013

Fax : 0674 - 2301418

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TOPO MAP SHOWING
DEGRADED FOREST LAND IDENTIFIED IN
KALAPAT R.F UNDER TELKOI FOREST RANGE OVER 40 Ha.
TO ACCOMMODATE BALANCE 16,000 NOS SEEDLINGS FOR
RAISING COMPENSATORY AFFORESTATION
IN RESPECT OF LAYING 20" DUAL PIPELINES (SLURRY & WATER),
POWER AND COMMUNICATION CABLES FROM
KALMANGA GHOHBHURHANI-SAGASAHU BLOCK, KOIRA TAHASIL,
SUNDARGARH DISTRICT TO BENEFICIATION PLANT DABUNA UNDER
BARBIL TAHASIL OF KEONJHAR DISTRICT OF
M/s. ARCELORMITTAL NIPPON STEEL INDIA LIMITED
(FORMERLY KNOWN AS ESSAR STEEL INDIA LIMITED)

GPS CO-ORDINATES						
PILLAR NO.	LATITUDE			LONGITUDE		
	Degree	Minute	Second	Degree	Minute	Second
1	21	20	43	85	32	11
2	21	20	45	85	32	15
3	21	20	47	85	32	22
4	21	20	53	85	32	25
5	21	20	56	85	32	28
6	21	20	57	85	32	32
7	21	21	2	85	32	37
8	21	21	1	85	32	37
9	21	20	58.7	85	32	37.3
10	21	20	54.5	85	32	37.9
11	21	20	52	85	32	38.3
12	21	20	52	85	32	35.6
13	21	20	48.3	85	32	36
14	21	20	47	85	32	37.6
15	21	20	43	85	32	38
16	21	20	42	85	32	41
17	21	20	32	85	32	40
18	21	20	33	85	32	35
19	21	20	35	85	32	29
20	21	20	36	85	32	25
21	21	20	37	85	32	21
22	21	20	37	85	32	16
23	21	20	40	85	32	8

INDEX

	CA LAND PILLAR
	CA LAND BOUNDARY
	CA LAND AREA

3-11-2021
Forest Section Officer
Talpada

08-11-2021
Forest Range Officer
Telkoi Range

COUNTERSIGNED
08-11-21
Divisional Forest Officer
Keonjhar Division



निर्जीत के लिए नहीं NOT FOR EXPORT

OPEN SERIES
MAP

No. F45N6

Scale 1:50,000

F45N1 (73G/1) Sundergarh ORISSA	F45N5 (73G/5) Sundergarh ORISSA	F45N9 (73G/9) Sundergarh ORISSA
F45N2 (73G/2) Deogarh ORISSA	F45N6 (73G/6) Keonjhar ORISSA	F45N10 (73G/10) Keonjhar ORISSA
F45N3 (73G/3) Angul ORISSA	F45N7 (73G/7) Angul ORISSA	F45N11 (73G/11) Angul ORISSA

1 Mayurbhanj, ORISSA

भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

1st Edition 2009.

Price : Rs. 50/-

CONVENTIONAL SYMBOLS

Express highway with toll with bridge with distance stone	...
Roads, metalled, according to importance	...
Roads, double cartageways, according to importance	...
Unmetalled road, cart-track, pack-track and pass, foot-path	...
Drains with track in bed, undefined, Canal	...
Dams, masonry or rock-filled, earthenwork, Well	...
River, dry with water channel, with island & rocks, Tidal river	...
Submerged rocks, Shoal, Swamp, Reeds	...
Wells, lined, unlined, Tube-well, Spring, Tanks, perennial, dry	...
Contourlines, red or red ink, Brown ground	...
Railways, broad gauge, double, single with station, under construction	...
Railways, other gauges, double, single with station, do	...
Mineral, line or railway, Kilo, Cutting with tunnel	...
Contours with sub-features, Rocky slopes, Cliffs	...
Sand features, (Shaded) (Spiky) (Irregular) (Dotted) (Wavy)	...
Towns or Villages, inhabited, deserted, Fort	...
Huts, permanent, temporary, Tower, Antiquities	...
Temples, Chhatris, Churches, Mosques, Igloos, Tombs, Graves	...
Lighthouses, Lightships, Buoys, Lighted, unlighted, Anchorage	...
Minas, White on black, Black on white, Other	...
Palms, palmiers, other, Parasols, Canals, Bamboo, Other trees	...
Areas, cultivated, wooded, Surveyed tree	...
Boundaries, international	...
State, demarcation, undemarcated	...
Boundaries, sub-division, taluk or sub-forest	...
Boundaries, police, surveyed, unsurveyed	...
Height, trigonometrical, station, point, maximum, minimum	...
Benchmarks, geodetic, tertiary, canal, BM 633	...
Post office, Telegraph office, Overhead tank	...
Rest house or inspection bungalow, Club house, Police station	...
Camping ground, Forest, reserved, protected	...
Speed names, administrative, locality or tribal	...
Hospital, Dispensary, Veterinary Hospital or Dispensary	...
Aerodrome, Heliport, Tourist site	...
Power line, with pylons surveyed, with poles unsurveyed	...

REFERENCE

1st National Highway No. 6

NOTES

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A vertical height, as represented, is the height, in metres, between the top and bottom of a steep slope.
The interrupted heights and contours, in this sheet, have not been adjusted to the heights of the spot-heighted land-marks, and may not be strictly in accordance with them.
Unmetalled roads, in this sheet, are generally metalled in dry season.
Important buildings are shown in black.
Road Pump is shown that

COMPILED INDEX

A. Compiled from 1:25,000 survey 1979-79. Updated for major details during 2000-05.



Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1° West in 2005.

Annual change negligible

Scale 1:50,000

500 m to 1 cm 2 cm to 1 km

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact

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PLATE-16



SCALE - 1:50,000

THE MAP SHOWING THE NON FOREST
GOVT. LAND OVER 16.466Ha
IDENTIFIED IN VILLAGE
PODADIHI UNDER BANSPAL TAHASIL
IN LIEU OF DIVERSION OF FOREST
LAND INVOLVED IN PROPOSED
SLURRY & WATER PIPELINES, POWER
& COMMUNICATION CABLES FROM
KALAMANGA TO DUBUNA IN FAVOUR
OF M/S. ESSAR STEEL INDIA LTD FOR
AFFORESTATION IN KEONJHAR DIST.

CA LAND

COUNTERSIGNED

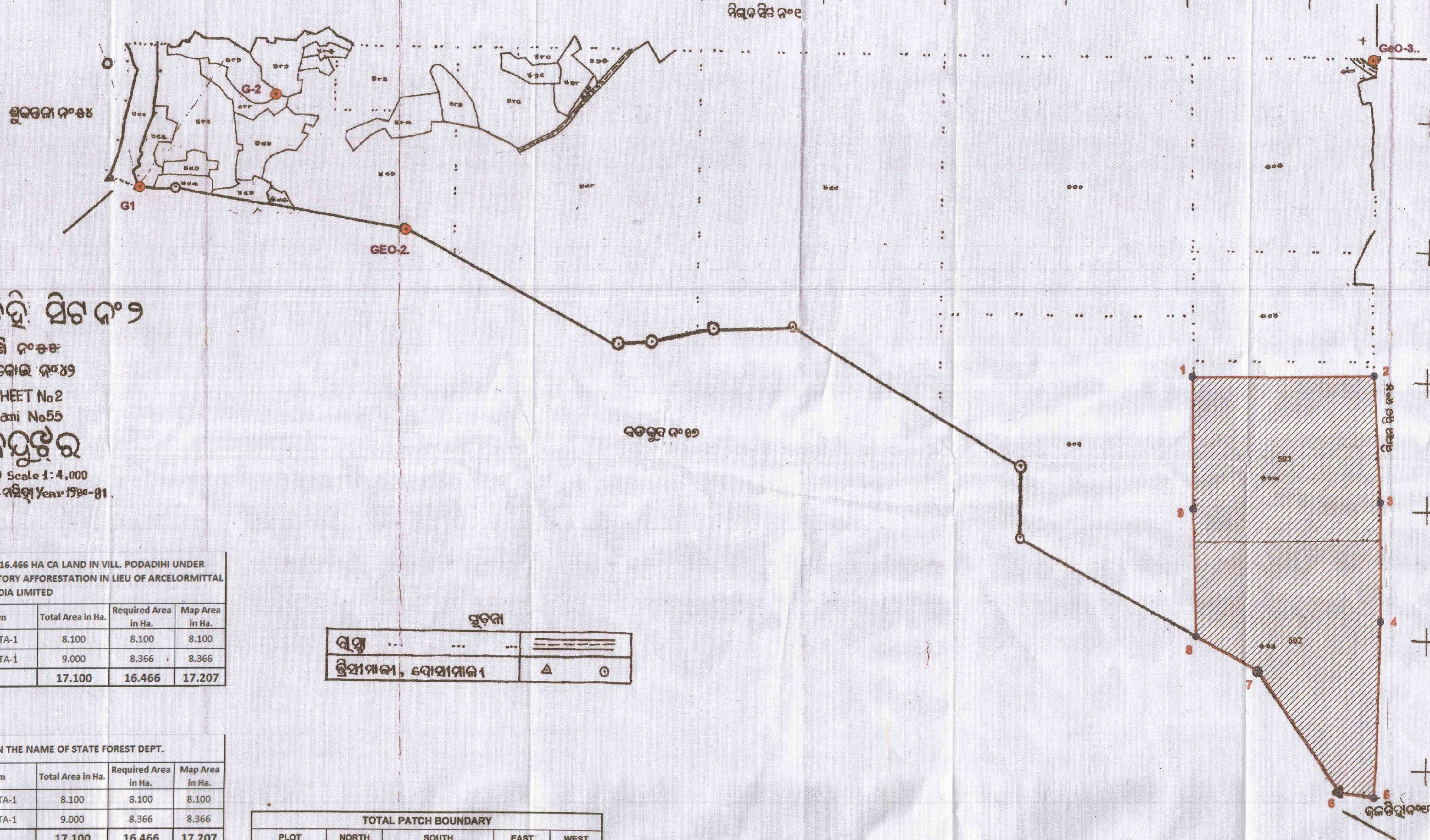
Divisional Forest Officer,
Keonjhar Division

Range Officer,
Banspal Range

Survey of India, Himabarkata Estate, Post Box No. 37, Dehra Dun-248001 (Uttarakhand),
Department of Science & Technology, Government of India.

PRINTED AT THE SOUTHERN PRINTING GROUP OF SURVEY OF INDIA.

DGPS SURVEYED MAP SHOWING NON FOREST GOVT. LAND OVER AREA 17.207 Ha. IDENTIFIED IN VILLAGE PODADIHI UNDER BANSPAL TAHASIL IN LIEU OF DIVERSION OF FOREST LAND INVOLVED IN PROPOSED SLURRY & WATER PIPELINES, POWER & COMUNICATION CABLES FROM KALAMANGA TO DUBUNA IN FAVOUR OF M/S. ESSAR STEEL INDIA LTD FOR AFFORESTATION IN KEONJHAR DISTRICT. (PATCH-4)



ମୌଜା ପୋଡ଼ାଦିହି ଷିଟ ନଂ ୨
ଥାନା କାନ୍ୟାପାନି ନଂ ୫୫
PODADIHI SHEET No 2
Thana Kanyapani No 55
ଜିଲ୍ଲା କେନ୍ଦୁଝର
ସ୍କେଲ ୧:୫,୦୦୦ Scale 1:4,000
ମାନଚିତ୍ର - ୧୯୮୩-୮୪

LAND SCHEDULE AND BOUNDARY DESCRIPTION OF 16.466 HA CA LAND IN VILL. PODADIHI UNDER BANSPAL TEHSIL OF KEONJHAR DIST. FOR COMPENSATORY AFFORESTATION IN LIEU OF ARELORMITTAL NIPPON STEEL INDIA LIMITED

Sl. No.	Khata No.	Plot No.	Kisam	Total Area in Ha.	Required Area in Ha.	Map Area in Ha.
1	67	502	PARBATA-1	8.100	8.100	8.100
2	67	503 (P)	PARBATA-1	9.000	8.366	8.366
TOTAL				17.100	16.466	17.207

LAND SCHEDULE AS PER CORRECTED ROR IN THE NAME OF STATE FOREST DEPT.

Sl. No.	Khata No.	Plot No.	Kisam	Total Area in Ha.	Required Area in Ha.	Map Area in Ha.
1	1/1	502	PARBATA-1	8.100	8.100	8.100
2	1/1	503/741	PARBATA-1	9.000	8.366	8.366
TOTAL				17.100	16.466	17.207

Co-ordinates & Boundary description of CA Land

Points		Geographic Co-ordinates		Bearing		Distance in Meter
From	To	Longitude	Latitude	Forward	Backward	
1	2	85°23'22.38648"	21°41'14.87292"	90°14'59"	270°14'59"	299.05
2	3	85°23'32.78976"	21°41'14.93160"	177°46'8"	357°46'8"	211.86
3	4	85°23'33.15300"	21°41'08.05128"	180°21'5"	0°21'5"	197.17
4	5	85°23'33.18216"	21°41'01.64076"	182°23'1"	2°23'1"	291.51
5	6	85°23'32.86536"	21°40'52.16700"	278°33'53"	98°33'53"	57.97
6	7	85°23'30.86844"	21°40'52.42836"	327°7'57"	147°7'57"	238.39
7	8	85°23'26.29572"	21°40'58.89468"	299°47'58"	119°47'58"	120.59
8	9	85°23'22.63380"	21°41'00.80772"	359°7'39"	179°7'39"	211.58
9	1	85°23'22.44516"	21°41'07.68516"	187°54'44"	0°9'21"	221.08

Perimeter: 1849.163 m & Area : 17.207 Ha.

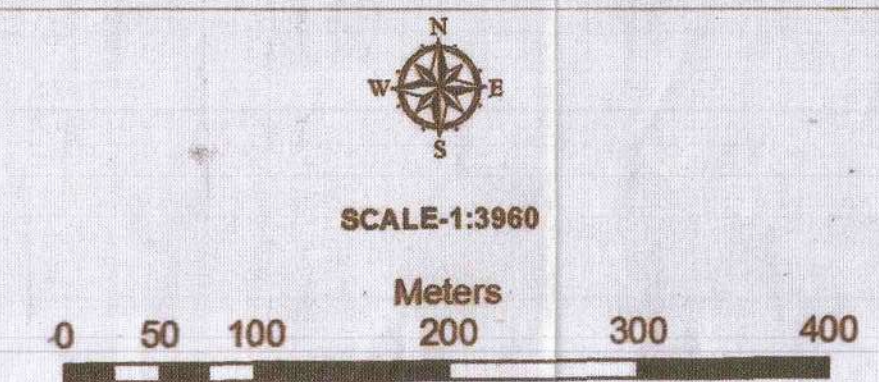
ବିଷୟ	...
ବିଷୟ	...

TOTAL PATCH BOUNDARY				
PLOT	NORTH	SOUTH	EAST	WEST
AREA: 16.466 Ha.	Plot- 503 P	Village: Jaladhi & Badakuda	Sheet - 4	Plot - 501
BOUNDARY				
PLOT	NORTH	SOUTH	EAST	WEST
502	Plot- 503 P	Village: Jaladhi & Badakuda	Plot- 520 (Sheet - 4)	Plot - 501
503	Plot- 503 P	Plot - 502	Plot- 519, 520 (Sheet - 4)	Plot - 501

Boundary Description as per corrected Ror issued in the Name of State Forest Department					
Khata No.	Plot No.	North	South	East	West
1/1	502	503/741	Village: Jaladhi & Badakuda	Plot - 520	Plot - 501
1/1	503/741	503P	Plot - 502	Plot - 519 & 520	Plot - 501

Certified that this map has been finally framed and a copy of it has been finally published in accordance with Rule 23 read with Rule 60 of O.S & S. Rules, 1962 on 10.06.2011.

Settlement Officer.



LEGEND	
●	C.A. LAND BOUNDARY PILLARS
○	GEOREFERENCED POINTS
▨	C.A. LAND BOUNDARY

LAND SCHEDULE						
SL. NO.	VILLAGE NAME	KHATA NO.	PLOT NO.	KISSAM	PATCH	
1	PODADIHI	67(AAA)	502	PARBATA-1	PATCH-4	
2		67(AAA)	503(P)	PARBATA-1		
TOTAL AREA						
					TOTAL AREA	17.207
					REQUIRED AREA	16.466
					MAP AREA	17.207

CO-ORDINATES OF C.A. LAND PILLARS			
POINT ID	EASTING	NORTHING	LATITUDE
1	333390.341	2399099.785	85°23'22.38648"
2	333689.389	2399098.481	85°23'32.78976"
3	333697.637	2398986.781	85°23'33.15300"
4	333696.428	2398989.617	85°23'33.18216"
5	333694.304	2398938.360	85°23'32.86536"
6	333626.982	2398406.993	85°23'30.86844"
7	333497.610	2398607.220	85°23'26.29572"
8	333392.982	2398667.151	85°23'22.63380"
9	333389.740	2398878.710	85°23'22.44516"

CO-ORDINATES OF GEOREFERENCED POINTS			
POINT ID	EASTING	NORTHING	LATITUDE
G1	331649.718	2399412.765	85°22'21.72108"
G-2	331876.355	2399564.888	85°22'29.54964"
Geo-2	332092.091	2399340.043	85°23'37.13664"
Geo-3	333691.053	2399621.895	85°23'32.65872"

1. Certified that the above degraded/ non-forest government land as mentioned in columns no. 7, 8 & 9 are in compact patches of 4 Ha. Or more having adequate soil depth suitable for plantation.
2. Certified that the above Government land is found suitable for plantation and is free from encroachment and encumbrance.
3. Certified that the above Government land is not covered under 4(1).
4. Certified that the above government land is not covered/Covered under DLC report/covered under DLC report.
5. Certified that the above government land has not been allotted previously.
6. Certified that the above government land is not covered under any M.I./P. L Area.
7. Certified that the above plots are not settled in favour of individual/community under F.R Act, 2006.
8. Certified that the status of the above plots was not forest/forest
9. Certified that the above plots are not covered under any proposed reserved forest.
10. Certified that the above plots are unfit not only for agriculture but also for other developmental requirements. (Applicable in case Non-Forest Govt. Land)
11. Applicable that the above plots have no future potential for agrarian or industrial use (applicable in case of non-forest Govt. Land)

COUNTERSIGNED
Divisional Forest Officer
Keonjhar Division
TAHSILDAR
BANSPAL
COUNTERSIGNED
Range Officer
B.J.P. Range
Divisional Forest Officer
Keonjhar Division
Joint Section Officer
Banspal
Joint Section Officer
Banspal

DGPS SURVEY CONDUCTED BY
DIGITAL CARTOGRAPHY AND SERVICES (DCS) PVT.LTD
1015, Bhagabat Sankha,
GGP Canal Road, Ramnagar, Bhubaneswar-75

ANNEXUTE-5

AGENCY COPY

यूनियन बैंक Union Bank of India

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 23-02-2022

Agency Name.	Essar Steel India Limited
Application No.	19923166003
MoEF/SG File No.	5-ORC496/2022-BHU
Location.	ORRISA
Address.	Udaya Bata, Paradeep-754142, Dist- Jagatsinghpur Jagatsinghpur
Amount(In Rs)	19300600/-

Amount In Words :One Crore Ninety-Three Lakh Six Hundred Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	UBIN0903710
Pay to Account No.	1508219923166003 Valid only for this challan amount.
Bank Name & Address:	Union Bank Of India Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

• This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

BANK COPY

यूनियन बैंक Union Bank of India

NEFT / RTGS CHALLAN for CAMPA Funds

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Bank Name & Address:	Union Bank Of India Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003

• This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

After making successful payment, User Agencies may send a line of confirmation through
Email: helpdeskcompa@corpbank.co.in

Note:After making the required payment through challan, If the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date to
Email: cb0371@unionbankofindia.com



SBINR52022022869561257



OFFICE OF THE DIVISIONAL FOREST OFFICER, KEONJHAR DIVISION

Phone No- 06766-254315, email ID- dfo.keonjhar@odisha.gov.in

No. 1352 /Mining- 247/2018

Dated, Keonjhar, the 19th Feb, 2022

To

The General Manager,
M/s ArcelorMittal Nippon Steel India Limited
(formerly known as Essar Steel India Limited),
Beneficiation plant At- Dubuna, Via- Joda,
Dist- Keonjhar, PIN- 758034

Sub: Diversion of 16.463 ha of forest land (12.649 ha in Keonjhar Division and 3.814 ha in Bonai Division) for laying of 20" dia pipelines (Slurry and Water), Power and communication cables from Kalmang Ghorburuni – Sagasahi Block, Koira Tahasil, Sundergarh District to beneficiation plant at Dubuna under Barbil Tahasil of Keonjhar District by M/s ArcelorMittal Nippon Steel India Limited (formerly known as Essar Steel India Limited)- Stage- I endorsement regarding.

X-Sub: **Demand of funds towards Compensatory Afforestation & Addl. Compensatory Afforestation at the current wage rate @Rs. 315.00/- per Mandays.**

Ref: Memo No. 2735 dt. 10.02.2022 of Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar.

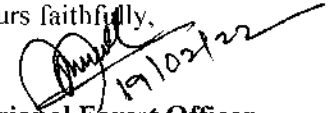
Sir

With reference to the aforementioned memo on the captioned subject, you are requested to deposit the approved amount of **Rs. 1,93,00,600.00** (Rupees one crore ninety-three lakh six hundred) only towards Scheme for Compensatory Afforestation Scheme over 16.466 ha identified in village Podadihi under Banspal Tahasil of Keonjhar District & Addl. Compensatory Afforestation scheme over 40.00 ha identified in Kalapat RF under Telkoi Forest Range against laying of 20" dia pipelines (Slurry and Water), Power and communication cables from Kalmang Ghorburuni – Sagasahi Block, Koira Tahasil, Sundergarh District to beneficiation plant at Dubuna under Barbil Tahasil of Keonjhar District as per current wage rate 315.00/- per man-day with maintenance of 10 years through e-portal of MoEF&CC as provided in the <https://parivesh.nic.in/> and the proof/evidence of the deposit of fund be submitted to this office for further necessary action at this end.

Particulars	Amount to be deposited (Rs)
Compensatory Afforestation Scheme over 16.466 ha identified in village Podadihi under Banspal Tahasil of Keonjhar District.	11155700.00
Addl. Compensatory Afforestation Scheme over 40.00 ha identified in Kalapat RF under Telkoi Forest Range of Keonjhar Division.	8144900.00
Total	1,93,00,600.00

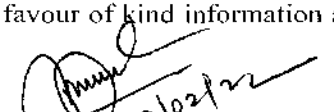
(Rupees one crore ninety-three lakh six hundred) only

Yours faithfully,


19/02/22
Divisional Forest Officer,
Keonjhar Division.

Memo No. 1353 Dated. 19-02-2022

Copy forwarded to the Regional Chief Conservator of Forests, Rourkela Circle, Rourkela/ Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar for favour of kind information and necessary action.


19/02/22
Divisional Forest Officer,
Keonjhar Division.



ବନଖଣ୍ଡ ଅଧିକାରୀଙ୍କ କାର୍ଯ୍ୟାଳୟ : ବଣାଇ ବନଖଣ୍ଡ

OFFICE OF THE DIVISIONAL FOREST OFFICER : BONAI FOREST DIVISION

At/PO-Bonaigarh, Dist. Sundargarh- 770038

Email- dfo.bonai@odisha.gov.in

Memo No. 1796 /6F(Mg.)-

Dated:- 25.2.2025

To

The Addl. Principal Chief Conservator of Forests,
Forest Diversion & Nodal Officer, F.C. Act'
O/O the P.C.C.F., Odisha Bhubaneswar.

Sub:- Diversion of 16.463 ha. of forest land (12.649 ha. in Keonjhar Division and 3.814 ha. in Bonai Division) for laying of 20" dia dual pipelines (Slurry & Water), Power and communication cable from Kalmang Ghoraburani-Sagasahi Iron Ore Mine, Koira Tahasil, Sundargarh District to Beneficiation plant at Dubuna under Barbil Tahasil of Keonjhar District of M/s ArcelorMittal Nippon Steel India Limited (Formerly known as Essar Steel India Limited).

Ref: - This Office Memo No.9712 dt.11.11.2024.

In continuation to this office Memo No.9712 dt.11.11.2024, the revised proforma for verification of deposits in Compensatory Afforestation Fund of the above said diversion proposal is sent herewith.

This is for favour of kind information and necessary action.

Encl:- As above.


Divisional Forest Officer,
Bonai Division.

Memo No. 1797 /6F-Dt: 25.2.2025

Copy forwarded to the Regional Chief Conservator of Forests, Rourkela Circle, Rourkela for favour of kind information and necessary action.


Divisional Forest Officer,
Bonai Division.

PROFORMA FOR VERIFICATION OF DEPOSITS IN COMPENSATORY AFFORESTATION FUND

1.	Name of Regional Office	Regional Office, MoEF & CC, Bhubaneswar.		
2.	State/District/Forest Division to which the proposal relates	Odisha/ Sundargarh, Bonai Forest Division		
3.	Name of User Agency, nature of proposal	M/s ArcelorMittal Nippon Steel India Limited (Formerly known as Essar Steel India Limited). (laying of 20" dia dual pipelines (Slurry & Water). Power and communication cable from Kalmang Ghoraburani-Sagasahi Iron Ore Mine, Korra Tahasil, Sundargarh District to Beneficiation plant at Dubuna under Barbil Tahasil of Keonjhar District)		
4.	Nature and category of proposal	Slurry and Water pipeline / Linear Project.		
5.	Proposal number	No.FPI/OR/Others/23166/2016		
6.	Extent of forest area involved	16.463 ha. of forest land (12.649 ha. in Keonjhar Division and 3.814 ha. in Bonai Division)		
7.	Whether original or extension	N.A.		
8.	If extension of lease, please clarify if proposal involves additional forest area and if so, specify	N.A.		
9.	Date of 1 st Stage clearance	Stage-I granted on 24/25.01.2022.		
10.	Extent of CAMPA charges, head wise viz.:			
	(a) Compensatory Afforestation	Nil		
	(b) Additional Compensatory Afforestation	Nil		
	(c) Dwarf species plantation in right of way under transmission line	Nil		
	(d) Penal Compensatory Afforestation	Nil		
	(e) Catchment Area Treatment	Nil		
	(f) Wildlife Management Plan			
	i) Site Specific Wildlife Conservation Plan	Nil		
	ii) Regional Wildlife Management Plan	Nil		
	(g) Additional charges for diversion of area falling under notified/protected areas	Nil		
	(h) Net Present Value	₹ 54,79,459/-		
	(i) Any other charges/levies (Please specify)			
	i) Plantation Dwarf Species plant	Nil		
	ii) Safety Zone	Nil		
	iii) 1.5 times Safety Zone Afforestation	Nil		
11.	Whether payment made through challan or otherwise. In case of online payment, details of challan.			
12.	Details of deposits			
SI No.	Type of deposit (NPV/ICA/ IWMP/ Others (specify))	Whether by RTGS/DD/ NEFT (Specify)	UTR/ DD No.	Bank Account of CAF managed by CAMPA in which fund deposited
i)	Net Present Value (NPV)	Online	UTR No. SBINR52022031572 584486	A/c No.1508219923166532, IFSC CODE:UBIN0903710, Union Bank of India, Lodhi Complex Branch, Block-11 CGO Complex, Phase-I Lodhi Road, New Delhi-110003

Divisional Forest Officer,
Bonai Division.



ବନାଞ୍ଚଳ ଅଧିକାରୀଙ୍କ କାର୍ଯ୍ୟାଳୟ: କୋଇରାବନାଞ୍ଚଳ
OFFICE OF THE RANGE FOREST OFFICER, KOIRA RANGE

E-mail:- koira.range@gmail.com

Memo No. 219 Dated 15/3/2024

To,

The Divisional Forest Officer
 Bonai Division, Bonai

Sub: - Diversion of 16.463 ha. of forest land (12.649 ha. in Keonjhar Division and 3.814 ha. in Bonai Division) for lying of 20" dia dual pipelines (Slurry & Water,) Power and communication cable from Kalmang Ghoraburani-Segasahi Block, Koira Tehsil , Sundargarh District to Benification plant at Dubuna under Barbil Tehsil of Keonjhar District of M/s Arcelor Mittal Nippon Steel Indian Limited (Formerly known as M/s ESSAR Steel India Ltd.)

Ref:- Your Office Memo No. 8202/6F-(Mg.) Dt.27.10.2023.

Sir,

With reference to your above cited memo, I submitted herewith the enumeration list over 3.814 ha. forest land & non-forest land for laying for lying of 20" dia dual pipelines (Slurry & Water,) Power and communication cable from Kalmang Ghoraburani-Segasahi Block of M/s Arcelor Mittal Nippon Steel India Ltd. with abstract & grand abstract both species wise & class wise along with map showing the applied area is enclosed herewith 04 copies.

I have verified the field of the user agency and found that the 46 Nos. of trees out of 621 suitable for translocation area over 3.814ha. and I am submitting herewith the list of the marking trees is enclosed herewith 04 copies

This is for favour of your kind information and necessary action.

Yours Faithfully

Encl:- 1.Enumeration list along with map
 in quadruplicate.
 2.Enumeration list of translocation trees.


 Range Officer
 Koira Forest Range

PLOT-WISE LIST OF STANDING TREES WITHIN THE PROPOSED LAYING OF 20" DIA DUAL PIPELINES (SLURRY & WATER), POWER AND COMMUNICATION CABLE FROM KALMANG (GHORABURANI-SAGASAH I IRON ORE MINE) TO BENEFICIATION PLANT AT DUBUNA UNDER KOIRA TEHSIL, DISTRICT-SUNDARGARH, ODISHA BY

KOIRA RANGE , Village- Kalamang, Malda, Deoghar, Patabeda, Ganua.

Sl. No	Tree no.	Species	Girth in cm	Height in Mtr	Normal / Defect	Forest/ Non-Forest	Plot No	Translocate	Remarks
1	178	Jammu	45 cm	3 m	Sound	N/F	202	178	
2	202	Sala	45 cm	3 m	Sound	N/F	243	202	
3	225	Sala	45 cm	3 m	Sound	F	251	225	
4	226	Sala	55 cm	4 m	Sound	F	251	226	
5	227	Sala	58 cm	4 m	Sound	F	251	227	
6	239	Sala	35 cm	2 m	Sound	F	251	239	
7	242	Asana	48 cm	3 m	Sound	F	251	242	
8	243	Asana	30 cm	3 m	Sound	F	251	243	
9	244	Asana	38 cm	3 m	Sound	F	251	244	
10	245	Asana	40 cm	3 m	Sound	F	251	245	
11	246	Mahula	30 cm	2 m	Sound	F	251	246	
12	254	Mahula	60 cm	2 m	Sound	N/F	251	254	
13	273	Asana	45 cm	3 m	Sound	N/F	258	273	
14	274	Asana	58 cm	4 m	Sound	N/F	258	274	
15	280	Sala	30 cm	3 m	Sound	N/F	258	280	
16	281	Sala	35 cm	3 m	Sound	N/F	258	281	
17	282	Sala	50 cm	5 m	Sound	N/F	258	282	
18	283	Sala	52 cm	5 m	Sound	N/F	258	283	
19	302	Sala	45 cm	3 m	Sound	N/F	259	302	
20	303	Sala	48 cm	3 m	Sound	N/F	259	303	
21	307	Sala	35 cm	3 m	Sound	N/F	259	307	
22	308	Sala	45 cm	3 m	Sound	N/F	259	308	
23	310	Sala	70 cm	5 m	Sound	N/F	259	310	
24	314	Sala	55 cm	5 m	Sound	F	259	314	
25	315	Sala	63 cm	5 m	Sound	F	259	315	
26	316	Sala	55 cm	4 m	Sound	F	259	316	
27	319	Sala	70 cm	7 m	Sound	F	259	319	
28	320	Sala	65 cm	5 m	Sound	F	259	320	
29	321	Sala	60 cm	5 m	Sound	F	259	321	
30	322	Sala	65 cm	5 m	Sound	F	259	322	
31	323	Sala	62 cm	2 m	Sound	F	259	323	
32	326	Pijuli	40 cm	1 m	Sound	F	260	326	
33	328	jammu	55 cm	3 m	Sound	F	5	328	
34	329	Kanchara	68 cm	2 m	Sound	F	5	329	
35	337	Mahula	40 cm	3 m	Sound	F	34	337	
36	346	Mahula	55 cm	2 m	Sound	NF	34	346	
37	347	Asana	35 cm	2 m	Sound	NF	34	347	
38	348	Asana	30 cm	2 m	Sound	NF	34	348	
39	349	Bahada	35 cm	2 m	Sound	NF	34	349	
40	350	Sala	60 cm	4 m	Sound	NF	34	350	
41	352	Sala	30 cm	1 m	Sound	NF	34	352	
42	355	Henjula	30 cm	1 m	Sound	NF	34	355	
43	356	Henjula	30 cm	1 m	Sound	NF	34	356	
44	390	Sala	40 cm	3 m	Sound	F	32	390	
45	407	Sala	30 cm	5 m	Sound	F	32	407	
46	408	Sala	40 cm	5 m	Sound	F	32	408	


Forester
Koira Section


Range Officer
Koira Forest Range

SPECIES AND GIRTH WISE ABSTRACT OF ENUMERATION OF STANDING TREES WITHIN THE PROPOSED LAYING OF 20" DIA DUAL PIPELINES (SLURRY & WATER), POWER AND COMMUNICATION CABLE FROM KALMANG (GHORABURANI-SAGASAHU IRON ORE MINE) TO BENEFICIATION PLANT AT DUBUNA UNDER KOIRA TEHSIL, DISTRICT-SUNDARGARH, ODISHA BY ARCELORMITTAL NIPPON STEEL INDIA LIMITED (FORMERLY KNOWN AS ESSAR STEEL INDIA LIMITED)

Sl. No.	Name of Species	Scientific Name	Girth(In Cms)												Total		Grand Total
			30 to <60		60 to <90		90 to <120		120 to <150		150 to <180		180CM and Above				
			S	US	S	US	S	US	S	US	S	US	S	US	S	US	
1	Ahi -Dimbiri	<i>Ficus retusa</i>	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1
2	Akashi	<i>Acacia auriculaeformis</i>	3	-	9	-	1	-	-	-	-	-	-	-	13	-	13
3	Ambda	<i>Spondias pinnata</i>	2	-	1	-	-	-	1	-	-	-	-	-	4	-	4
4	Amla	<i>Emblica Officinalis</i>	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1
5	Asana	<i>Terminalia tomentosa</i>	12	-	13	-	10	-	1	-	3	-	-	-	39	-	39
6	Bahada	<i>Terminalia belerica</i>	2	-	4	-	2	-	4	1	3	-	4	-	19	1	20
7	Bara Gachha	<i>Ficus bengalensis</i>	-	-	-	-	-	-	-	-	-	-	6	-	6	-	6
8	Bela	<i>Aegle marmelos</i>	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1
9	Bhalia	<i>Semecarpus anacardium</i>	1	-	-	-	1	-	-	-	-	-	-	-	2	-	2
10	Bilati- Chakunda	<i>Cassia Siamea</i>	1	-	2	-	3	1	4	-	1	-	-	-	11	1	12
11	Chakunda	<i>Cassia Siamea</i>	-	1	-	-	-	-	-	-	1	-	-	-	1	1	2
12	Chara	<i>Buchanania Lanza</i>	1	-	-	-	-	-	1	-	-	-	-	-	2	-	2
13	Gamari	<i>Gmelina Arborea</i>	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1
14	Hena	<i>Lawsonia Inermis</i>	-	-	1	-	-	-	-	-	-	-	-	-	1	-	1
15	Henjula	<i>Barringtonia Acutangula</i>	7	-	1	-	-	-	-	-	-	-	-	-	8	-	8
16	Jammu	<i>Syzygium cumini</i>	2	-	1	-	2	-	3	-	1	-	2	-	11	-	11
17	Jammu Koli	<i>Syzygium cumini</i>	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1
18	Karanja	<i>Pongamia pinnata</i>	4	-	4	-	1	-	1	-	1	-	-	-	11	-	11
19	Kashi	<i>Bridelia retusa</i>	-	-	-	-	1	-	1	-	-	-	1	-	3	-	3
20	Kendu	<i>Diospyros melanoxylon</i>	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1
21	Kuruma	<i>Adina Cordifolia</i>	-	-	-	-	-	-	-	-	-	-	2	-	2	-	2
22	Kusuma	<i>Schleichera oleosa</i>	1	-	2	-	3	-	3	-	4	-	-	-	13	-	13
23	Limba/Neem	<i>Azadirachta indica</i>	6	-	4	-	2	-	-	-	-	-	2	-	14	-	14
24	Mahula	<i>Madhuca indica</i>	4	-	3	-	2	-	3	-	1	-	2	-	15	-	15
25	Mango	<i>Mangifera indica</i>	1	-	1	-	1	-	5	-	5	1	12	-	25	1	26
26	Nagarjun	<i>Terminalia arjuna</i>	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1
27	Nilagiri	<i>Eucalyptus globulus</i>	-	-	2	-	4	-	1	-	-	-	1	-	8	-	8
28	Panesha	<i>Artocarpus integrifolia</i>	-	-	-	-	2	-	-	-	2	-	4	-	8	-	8
29	Pijuli	<i>Psidium guajava</i>	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1
30	Saguan	<i>Tectona grandis</i>	11	-	1	-	-	-	-	-	-	-	-	-	12	-	12
31	Sahindra	<i>Streblus asper</i>	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1

SPECIES AND GIRTH WISE ABSTRACT OF ENUMERATION OF STANDING TREES WITHIN THE PROPOSED LAYING OF 20" DIA DUAL PIPELINES (SLURRY & WATER), POWER AND COMMUNICATION CABLE FROM KALMANG (GHORABURANI-SAGASAHU IRON ORE MINE) TO BENEFICIATION PLANT AT DUBUNA UNDER KOIRA TEHSIL, DISTRICT-SUNDARGARH, ODISHA BY ARCELORMITTAL NIPPON STEEL INDIA LIMITED (FORMERLY KNOWN AS ESSAR STEEL INDIA LIMITED)

Sl. No.	Name of Species	Scientific Name	Girth(In Cms)												Total		Grand Total
			30 to <60		60 to <90		90 to <120		120 to <150		150 to <180		180CM and Above				
			S	US	S	US	S	US	S	US	S	US	S	US	S	US	
32	Sala	Shorea robusta	82	-	114	-	58	1	27	-	13	-	23	1	317	2	319
33	Sena	Lagerstroemia parviflora	-	-	1	-	-	-	-	-	-	-	-	-	1	-	1
34	Shaj	Moringa pterygosperma	2	-	-	-	-	-	1	-	-	-	-	-	2	1	3
35	Simili	Bombax ceiba	1	-	-	-	-	-	-	-	-	-	1	-	2	-	2
36	Sirisha	Albizzia lebbek	-	-	-	-	-	1	-	1	-	-	-	-	-	2	2
37	Tentada	Albizzia procera	1	-	-	-	1	-	-	-	-	-	-	-	2	-	2
38	Tentuli	Tamarindus indica	1	-	-	-	2	-	-	-	-	-	-	-	3	-	3
39	Misc.	-	18	-	15	-	9	1	2	-	1	1	1	-	46	2	48
GRAND TOTAL			171	1	179	-	105	4	57	3	37	2	61	1	610	11	621

NOTES	
S	SOUND
UN	UN SOUND

POLES BELOW 30 CM GIRTH		
SAL	NON SAL	TOTAL
133	89	222


Forester
Koira Section


Range Officer
Koira Forest Range

FORM NO. I
(for linear projects)
Government of Odisha
Office of the District Collector, Keonjhar

No. 2064

Dt. 15.12.2017

TO WHOMSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No.11-9/98-FC(Pt) dt.3rd August, 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights Act), 2006 ('FRA' for short) on the forest land proposed to be diverted for non-forest purposes, read with MoEF's letter dated 5th February 2013 wherein MoEF issued certain relaxation in respect of linear projects, it is certified that 12.650 hectares of forest land proposed to be diverted in favour of M/s Essar Steel Ltd. for in laying of 27 Km long dual 20" dia (Slurry & water) Pipe lines, Power & Communication cables from Ghoraburuni-Sagasahi Block mine (Kalamang) under Koira Tahasil in Sundargarh District in their beneficiation plant at Dabuna in Keonjhar District falls within jurisdiction of Dabuna, Purunadihi, Badakalimati, Balada, Unchabali, Kundaposi, Palasa (ka), Palasa (Kha), Guruda, Jadibahal and Khandabandha villages in Barbil Tahasil and Nayagarh village in Jhumpura Thasil

It is further certified that

- (a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire 12.650 hectares of forest land proposed for diversion. A copy of report of each of the panchayat samiti, Joda and Jhumpura, a copy of the proceeding of SDLC, Champua meeting and a copy of the proceeding of DLC meeting are enclosed as annexure I to annexure IV.
- (b) No such facilities managed by Government requiring diversion of forest land u/s 3(2) of Forest Rights Act, 2006 exist over the forest land proposed for diversion.
- (c) the proposal does not involve recognized rights of Primitive Tribal Groups and Pre-agricultural communities.

(Dr. N. Thirukumar Nair)
Collector, Keonjhar

Memo No 2065 rev dt. 15.12.2017
copy of the certificate alongwith related documents (Annexure I to IV) forwarded to the S.F.O. Keonjhar Division, Keonjhar for information & necessary action.

15.12.17
Addl. Dist. Magistrate
Keonjhar

Form-I

For Linear Projects

Government of Odisha

Office of the District Collector, Sundargarh

No. I/3215/2017

SSD Dtd.04.03.2017

TO WHOMSOEVER IT MAY CONCERNED

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No.11-9/98-FC(pt) dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Right) Act,2006 ('FRA' for short) on the forest land proposed to be diverted for non-forest purposes read with MoEF's letter no. F.NO.11-09/98-FC(pt.) dated 28.10.2014, wherein MoEF issues certain relaxation in respect of linear projects, it is certified that 3.816 hectares of forest land proposed to be diverted in favour of Essar Steel India Ltd, Bhubaneswar for construction laying 27 Kms long Dual (Slurry & water) pipelines, Power & Communication Cables from Ghoraburuhan-Sagasahi Block Mine Kalamang in Village Patabeda, Deoghar, Malda and Kalamang under Koira Tahasil in Bonai forest division which are as follows;

Land Schedule of Revenue Forest in Sundargarh District

Sl. No	Name of Tahasil	Name of Village	Khata No	Plot No	Kisam	Remarks	Area in Ha	Total
1	2	3	4	5	6	7		
01	Koira	Patabeda	27	4	Pahada	DLC	0.064	1.839
02			27	34	Pahada	DLC	0.324	
03			26	38	Jungle		0.040	
04			24	32	Bada Jungle	Bada jungle	0.322	
05			26	63	Goda-II	Chhota jungle	0.128	
06			26	67	Goda-II	Bada jungle	0.056	
07			26	182	Goda-I	Bada jungle	0.064	
08			27	187	Pahada	DLC	0.328	
09			27	205	Pahada	DLC	0.332	
10			27	207	Pahada	DLC	0.116	
11			26	206	Goda-I	Bada jungle	0.064	
12		Deoghar	27	5	Pahada	DLC	0.082	0.846
13		Malda	26	45	Dunguri	DLC	0.178	
14			26	10	Dunguri	DLC	0.080	
15			25	15	Jungle		0.034	
16			25	200	P Jungle		0.058	
17			26	196	Pahada	DLC	0.079	
18			25	251	Jungle		0.390	
19			25	260	Jungle		0.027	
20		Kalamang	98	830	Dunguri	DLC	0.076	1.049
21			97	878	Jungle		0.248	
22			95	872	Jungle		0.110	
23			98	869	Dunguri	DLC	0.022	
24			98	867	Dunguri	DLC	0.020	
25		Total	98	889	Dunguri	DLC	0.572	3.816
							3.816	3.816

It is further certified that,

(a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire 3.816 hectares of forest land proposed for diversion. No title has been issued on the forest land proposed for diversion. Copy of the joint field enquiry report of nine villages and the list of title holders are enclosed herewith for reference.

(b) The diversion of forest land for facilities managed by the Government as required under section 3(a) of the FRA have been completed.

(c) The proposal does not involve recognized rights of Primitive Tribal Groups and Pre-agricultural

Signature valid

Digitally signed by P. C. SINGH,
BHUPENDRA SINGH
Date: 2017.03.02 13:42:15 IST
Reason: Approved

(Full name and official seal of the District Collector)

Signature
COLLECTOR
SUNDARGARH

Photos Of Area Demarcated RCC Pillars along with GPS Co-ordinates serial Numbers

1.01	1.08	1.09
1.12	2.01	2.02
2.03	2.08	2.07












Photos Of Area Demarcated RCC Pillars along with GPS Co-ordinates serial Numbers

2.08	2.09	2.1
2.11	2.14	2.15
2.16	3.01	3.02



Photos Of Area Demarcated RCC Pillars along with GPS Co-ordinates serial Numbers

		
3.03	3.04	3.05
		
4.04	4.09	4.10
		
4.11	4.12	4.14







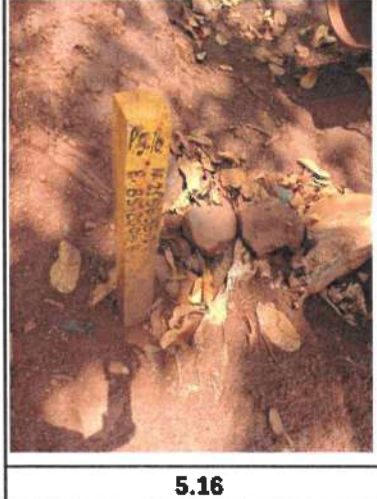




Photos Of Area Demarcated RCC Pillars along with GPS Co-ordinates serial Numbers

		
4.17	4.19	4.20
		
4.21	4.22	4.27
		
5.03	5.04	5.05












Photos Of Area Demarcated RCC Pillars along with GPS Co-ordinates serial Numbers

		
5.06	5.07	5.08
		
5.09	5.13	5.15
		
5.16	6.01	6.02












Photos Of Area Demarcated RCC Pillars along with GPS Co-ordinates serial Numbers

		
9.03	9.05	9.07
		
9.08	9.09	9.11
		
9.13	10.01	10.02




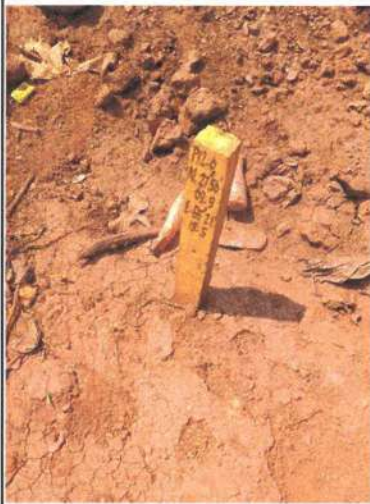







[Signature]
Range Officer
Koira Forest Range

Photos Of Area Demarcated RCC Pillars along with GPS Co-ordinates serial Numbers

		
11.01	11.02	11.03
		
11.04	11.06	11.07
		
12.01	12.02	12.04



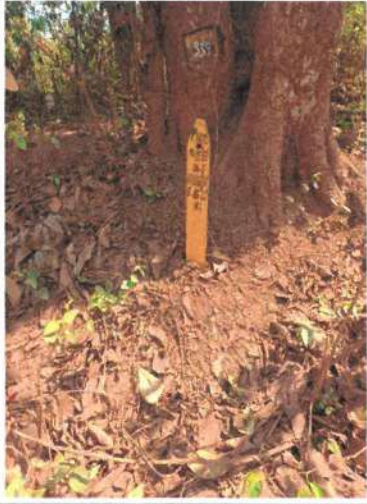



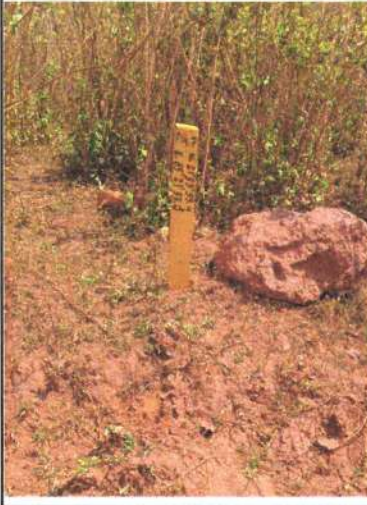




Photos Of Area Demarcated RCC Pillars along with GPS Co-ordinates serial Numbers

		
12.05	12.06	12.07
		
13.01	13.02	13.03
		
13.08	13.09	13.11



[Signature]
Range Officer
Koira Forest Range










Photos Of Area Demarcated RCC Pillars along with GPS Co-ordinates serial Numbers

		
13.12	14.01	14.02
		
14.06	14.07	14.08
		
14.09	14.1	14.13



G. Prasad
Range Officer
Kaira Forest Range










Photos Of Area Demarcated RCC Pillars along with GPS Co-ordinates serial Numbers

		
14.14	15.01	15.03
		
15.04	15.05	15.08
		
15.11	15.15	15.17









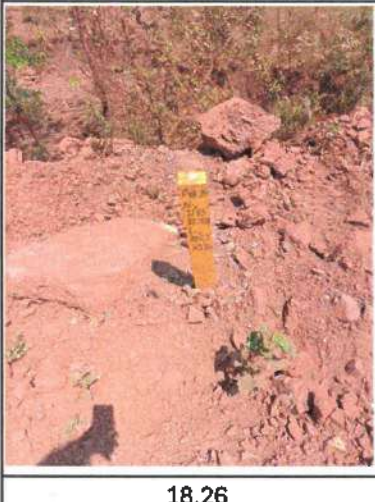


Spradley
Range Officer
Koira Forest Range

Photos Of Area Demarcated RCC Pillars along with GPS Co-ordinates serial Numbers

		
15.18	15.19	15.22
		
15.23	17.02	17.03
		
18.01	18.07	18.08











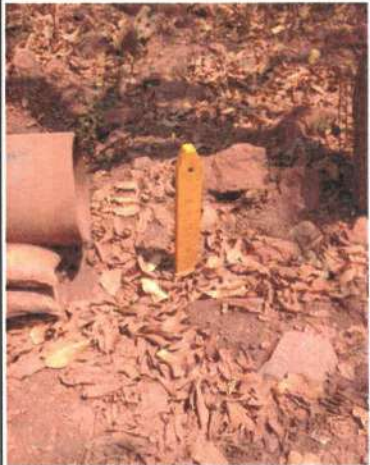
Photos Of Area Demarcated RCC Pillars along with GPS Co-ordinates serial Numbers

		
18.09	18.10	18.11
		
18.12	18.24	18.25
		
18.26	18.27	18.28



G. Madhavan
Range Officer
Vaira Forest Range

Photos Of Area Demarcated RCC Pillars along with GPS Co-ordinates serial Numbers

		
18.29	18.30	18.32
		
18.34	18.35	
		



Photos Of Area Demarcated RCC Pillars along with GPS Co-ordinates serial Numbers



Photos Of Area Demarcated RCC Pillars along with GPS Co-ordinates serial Numbers




Range Officer
Koira Forest Range

DISTANCE BETWEEN PILLAR TO PILLAR OF THE PROPOSED LAYING OF 20" DIA DUAL PIPELINES (SLURRY & WATER), POWER AND COMMUNICATION CABLE FROM KALAMANG GHORABURANI-SAGASAHU IRON ORE MINE, KOIRA TAHASIL, SUNDARGARH DISTRICT TO BENEFICIATION PLANT AT DUBUNA UNDER BARBIL TAHASIL OF KEONJHAR DISTRICT OF M/S ARCELORMITTAL NIPPON STEEL INDIA LIMITED (FORMERLY KNOWN AS M/S ESSAR STEEL INDIA LIMITED)						
DISTANCE BETWEEN PILLAR TO PILLAR (BONAI DIVISION)						
VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO-ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
	PATCH - 1					
Kalamanga	P1.1	326591.096	2428261.896	85°19'14.81146"	21°57'00.62318"	12.220
Kalamanga	P1.2	326603.310	2428262.275	85°19'15.23695"	21°57'00.63985"	14.384
Kalamanga	P1.3	326612.508	2428251.216	85°19'15.56172"	21°57'00.28360"	9.845
Kalamanga	P1.4	326622.010	2428248.643	85°19'15.89383"	21°57'00.20332"	10.725
Kalamanga	P1.5	326632.734	2428248.769	85°19'16.26751"	21°57'00.21123"	16.115
Kalamanga	P1.6	326646.173	2428257.661	85°19'16.73247"	21°57'00.50512"	3.410
Kalamanga	P1.7	326647.834	2428260.640	85°19'16.78922"	21°57'00.60255"	6.888
Kalamanga	P1.8	326654.717	2428260.377	85°19'17.02920"	21°57'00.59645"	12.048
Kalamanga	P1.9	326651.040	2428248.904	85°19'16.90544"	21°57'00.22216"	15.271
Kalamanga	P1.10	326638.305	2428240.476	85°19'16.46484"	21°56'59.94360"	16.729
Kalamanga	P1.11	326621.679	2428238.626	85°19'15.88612"	21°56'59.87756"	15.504
Kalamanga	P1.12	326606.846	2428243.138	85°19'15.36747"	21°57'00.01894"	24.493
	PATCH - 2					
Kalamanga	P2.1	326977.287	2428395.708	85°19'28.21902"	21°57'05.11091"	62.972
Kalamanga	P2.2	327040.142	2428391.865	85°19'30.41095"	21°57'05.00834"	21.817
Kalamanga	P2.3	327061.874	2428389.939	85°19'31.16907"	21°57'04.95343"	103.666
Kalamanga	P2.4	327165.007	2428379.443	85°19'34.76722"	21°57'04.64885"	47.694
Kalamanga	P2.5	327212.302	2428373.290	85°19'36.41778"	21°57'04.46560"	32.788
Kalamanga	P2.6	327244.529	2428367.252	85°19'37.54320"	21°57'04.28074"	62.232
Kalamanga	P2.7	327304.695	2428351.350	85°19'39.64603"	21°57'03.78510"	27.992
Kalamanga	P2.8	327331.466	2428343.174	85°19'40.58209"	21°57'03.52878"	21.448
Kalamanga	P2.9	327310.387	2428339.148	85°19'39.84901"	21°57'03.39041"	70.488
Kalamanga	P2.10	327242.337	2428357.481	85°19'37.47051"	21°57'03.96230"	32.145
Kalamanga	P2.11	327210.730	2428363.336	85°19'36.36680"	21°57'04.14143"	47.284
Kalamanga	P2.12	327163.850	2428369.504	85°19'34.73069"	21°57'04.32530"	103.453
Kalamanga	P2.13	327060.927	2428379.965	85°19'31.13985"	21°57'04.62885"	32.152
Kalamanga	P2.14	327028.871	2428382.452	85°19'30.02175"	21°57'04.69829"	3.663
Kalamanga	P2.15	327025.496	2428383.875	85°19'29.90360"	21°57'04.74335"	8.339
Kalamanga	P2.16	327017.198	2428384.697	85°19'29.61411"	21°57'04.76715"	7.168
Kalamanga	P2.17	327010.479	2428387.194	85°19'29.37901"	21°57'04.84593"	34.267
	PATCH - 3					
Kalamanga	P3.1	327329.032	2428333.448	85°19'40.50096"	21°57'03.21171"	23.056
Kalamanga	P3.2	327351.892	2428336.445	85°19'41.29647"	21°57'03.31728"	24.683
Kalamanga	P3.3	327374.942	2428327.615	85°19'42.10312"	21°57'03.03836"	10.534
Kalamanga	P3.4	327374.551	2428317.087	85°19'42.09351"	21°57'02.69595"	34.364
Kalamanga	P3.5	327342.456	2428329.368	85°19'40.97034"	21°57'03.08383"	14.030
	PATCH - 4					
Kalamanga	P4.1	327447.116	2428277.295	85°19'44.63749"	21°57'01.42804"	12.841
Kalamanga	P4.2	327459.914	2428276.244	85°19'45.08389"	21°57'01.39839"	21.788
Kalamanga	P4.3	327472.137	2428258.208	85°19'45.51674"	21°57'00.81637"	89.180
Kalamanga	P4.4	327531.044	2428191.252	85°19'47.59505"	21°56'58.66046"	62.692



DISTANCE BETWEEN PILLAR TO PILLAR (BONAI DIVISION)						
VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO-ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
Kalamanga	P4.5	327570.287	2428142.362	85°19'48.98120"	21°56'57.08490"	19.910
Kalamanga	P4.6	327586.571	2428130.906	85°19'49.55303"	21°56'56.71824"	138.266
Kalamanga	P4.7	327723.012	2428108.513	85°19'54.31643"	21°56'56.03852"	33.314
Kalamanga	P4.8	327756.152	2428105.113	85°19'55.47261"	21°56'55.93972"	59.994
Kalamanga	P4.9	327816.146	2428105.117	85°19'57.56336"	21°56'55.96108"	64.112
Kalamanga	P4.10	327880.254	2428105.844	85°19'59.79722"	21°56'56.00738"	30.761
Kalamanga	P4.11	327910.691	2428110.297	85°20'00.85623"	21°56'56.16293"	11.670
Kalamanga	P4.12	327922.328	2428109.421	85°20'01.26211"	21°56'56.13854"	13.227
Kalamanga	P4.13	327934.334	2428103.871	85°20'01.68261"	21°56'55.96236"	24.322
Kalamanga	P4.14	327951.527	2428086.667	85°20'02.28831"	21°56'55.40912"	29.005
Kalamanga	P4.15	327977.901	2428074.500	85°20'03.21204"	21°56'55.02287"	10.355
Kalamanga	P4.16	327971.260	2428066.552	85°20'02.98360"	21°56'54.76213"	27.959
Kalamanga	P4.17	327945.943	2428078.417	85°20'02.09682"	21°56'55.13892"	24.431
Kalamanga	P4.18	327928.515	2428095.539	85°20'01.48299"	21°56'55.68943"	9.633
Kalamanga	P4.19	327919.779	2428099.597	85°20'01.17702"	21°56'55.81824"	8.755
Kalamanga	P4.20	327911.049	2428100.254	85°20'00.87253"	21°56'55.83653"	29.644
Kalamanga	P4.21	327881.721	2428095.933	85°19'59.85211"	21°56'55.68567"	65.525
Kalamanga	P4.22	327816.202	2428095.118	85°19'57.56910"	21°56'55.63600"	60.081
Kalamanga	P4.23	327756.121	2428095.134	85°19'55.47534"	21°56'55.61528"	34.284
Kalamanga	P4.24	327722.010	2428098.576	85°19'54.28529"	21°56'55.71510"	140.420
Kalamanga	P4.25	327583.460	2428121.414	85°19'49.44824"	21°56'56.40853"	23.691
Kalamanga	P4.26	327563.840	2428134.693	85°19'48.75944"	21°56'56.83330"	64.457
Kalamanga	P4.27	327523.365	2428184.858	85°19'47.32986"	21°56'58.44986"	90.180
Kalamanga	P4.28	327463.866	2428252.625	85°19'45.23060"	21°57'00.63193"	29.819
PATCH - 5						
Malada	P5.1	327971.248	2428066.527	85°20'02.98321"	21°56'54.76131"	10.355
Malada	P5.2	327977.856	2428074.499	85°20'03.21048"	21°56'55.02282"	45.379
Malada	P5.3	328021.717	2428086.137	85°20'04.73458"	21°56'55.41669"	35.861
Malada	P5.4	328056.099	2428096.328	85°20'05.92892"	21°56'55.76017"	17.635
Malada	P5.5	328073.325	2428100.106	85°20'06.52780"	21°56'55.88905"	27.248
Malada	P5.6	328086.558	2428123.925	85°20'06.97996"	21°56'56.66811"	20.279
Malada	P5.7	328100.148	2428138.976	85°20'07.44785"	21°56'57.16223"	20.150
Malada	P5.8	328117.633	2428148.991	85°20'08.05340"	21°56'57.49400"	13.600
Malada	P5.9	328114.606	2428135.732	85°20'07.95295"	21°56'57.06188"	9.335
Malada	P5.10	328106.506	2428131.092	85°20'07.67240"	21°56'56.90815"	17.561
Malada	P5.11	328094.727	2428118.067	85°20'07.26684"	21°56'56.48054"	26.173
Malada	P5.12	328082.006	2428095.193	85°20'06.83219"	21°56'55.73241"	3.390
Malada	P5.13	328079.88	2428092.553	85°20'06.75910"	21°56'55.64584"	3.318
Malada	P5.14	328077.043	2428090.833	85°20'06.66088"	21°56'55.58889"	18.906
Malada	P5.15	328058.601	2428086.669	85°20'06.01975"	21°56'55.44701"	35.496
Malada	P5.16	328024.581	2428076.539	85°20'04.83802"	21°56'55.10567"	47.682
Malada	P5.17	327978.432	2428064.545	85°20'03.23432"	21°56'54.69943"	3.140
Malada	P5.18	327975.306	2428064.84	85°20'03.12527"	21°56'54.70791"	4.395
PATCH - 6						
Malada	P6.1	328178.310	2428201.865	85°20'10.14796"	21°56'59.23442"	9.534
Malada	P6.2	328214.648	2428181.873	85°20'11.42189"	21°56'58.59727"	41.474



Signature
Range Officer
Koira Forest Range

DISTANCE BETWEEN PILLAR TO PILLAR (BONAI DIVISION)						
VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO-ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
Malada	P6.3	328329.291	2428116.027	85°20'15.44205"	21°56'56.49700"	132.03
Malada	P6.4	328278.308	2428141.503	85°20'13.65569"	21°56'57.30727"	56.994
Malada	P6.5	328218.807	2428171.219	85°20'11.57085"	21°56'58.25237"	66.509
Malada	P6.6	328171.247	2428195.461	85°20'09.90423"	21°56'59.02370"	53.382
PATCH - 7						
Malada	P7.1	328452.909	2428044.346	85°20'19.77716"	21°56'54.21016"	29.760
Malada	P7.2	328479.345	2428030.706	85°20'20.70358"	21°56'53.77603"	17.098
Malada	P7.3	328544.833	2427959.913	85°20'23.01252"	21°56'51.49756"	110.482
Malada	P7.4	328528.088	2427963.37	85°20'22.42766"	21°56'51.60406"	29.760
PATCH - 8						
Malada	P8.1	328534.876	2427955.909	85°20'22.66703"	21°56'51.36390"	18.376
Malada	P8.2	328552.968	2427952.826	85°20'23.29869"	21°56'51.27001"	56.184
Malada	P8.3	328604.012	2427929.293	85°20'25.08641"	21°56'50.52291"	15.868
Malada	P8.4	328618.183	2427936.433	85°20'25.57758"	21°56'50.76004"	13.815
Malada	P8.5	328631.739	2427933.770	85°20'26.05100"	21°56'50.67824"	31.866
Malada	P8.6	328602.819	2427920.388	85°20'25.04822"	21°56'50.23299"	58.162
Malada	P8.7	328549.559	2427943.758	85°20'23.18332"	21°56'50.97402"	19.059
PATCH - 9						
Malada	P9.1	329430.638	2427625.888	85°20'54.00764"	21°56'40.94925"	31.604
Malada	P9.2	329430.704	2427594.284	85°20'54.02181"	21°56'39.92179"	27.631
Malada	P9.3	329429.341	2427566.687	85°20'53.98467"	21°56'39.02408"	70.603
Malada	P9.4	329458.527	2427502.399	85°20'55.02589"	21°56'36.94425"	55.753
Malada	P9.5	329466.599	2427447.233	85°20'55.32788"	21°56'35.15356"	95.139
Malada	P9.6	329499.720	2427358.045	85°20'56.51558"	21°56'32.26558"	65.029
Malada	P9.7	329537.142	2427304.862	85°20'57.83963"	21°56'30.54962"	45.729
Malada	P9.8	329565.817	2427269.241	85°20'58.85224"	21°56'29.40160"	47.786
Malada	P9.9	329591.386	2427228.871	85°20'59.75840"	21°56'28.09807"	12.067
Malada	P9.10	329579.325	2427229.239	85°20'59.33798"	21°56'28.10581"	40.456
Malada	P9.11	329557.663	2427263.407	85°20'58.57029"	21°56'29.20907"	45.173
Malada	P9.12	329529.338	2427298.597	85°20'57.57002"	21°56'30.34323"	66.572
Malada	P9.13	329491.047	2427353.055	85°20'56.21522"	21°56'32.10031"	98.596
Malada	P9.14	329456.734	2427445.488	85°20'54.98479"	21°56'35.09337"	54.635
Malada	P9.15	329448.830	2427499.548	85°20'54.68902"	21°56'36.84817"	53.323
Malada	P9.16	329426.790	2427548.103	85°20'53.90274"	21°56'38.41900"	55.171
Malada	P9.17	329428.521	2427603.090	85°20'53.94241"	21°56'40.20731"	11.796
Malada	P9.18	329429.182	2427614.867	85°20'53.96101"	21°56'40.59042"	11.117
PATCH - 10						
Malada	P10.1	329819.281	2426873.278	85°21'07.83323"	21°56'16.61703"	10.138
Malada	P10.2	329824.024	2426882.239	85°21'07.99518"	21°56'16.90999"	23.953
Malada	P10.3	329843.051	2426867.653	85°21'08.66368"	21°56'16.44244"	11.408
Malada	P10.4	329840.617	2426856.539	85°21'08.58302"	21°56'16.08027"	27.119
PATCH - 11						
Deoghar	P11.1	329840.617	2426856.586	85°21'08.58298"	21°56'16.08179"	11.408
Deoghar	P11.2	329843.052	2426867.690	85°21'08.66368"	21°56'16.44366"	67.48
Deoghar	P11.3	329892.440	2426821.708	85°21'10.40192"	21°56'14.96597"	15.394
Deoghar	P11.4	329906.826	2426816.229	85°21'10.90528"	21°56'14.79288"	9.53



DISTANCE BETWEEN PILLAR TO PILLAR (BONAI DIVISION)						
VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO-ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
Deoghar	P11.5	329911.193	2426807.759	85°21'11.06063"	21°56'14.51903"	19.619
Deoghar	P11.6	329924.438	2426793.286	85°21'11.52761"	21°56'14.05313"	43.18
Deoghar	P11.7	329887.241	2426815.216	85°21'10.22318"	21°56'14.75310"	62.301
PATCH - 12						
Patabeda	P12.1	330013.545	2426719.421	85°21'14.66032"	21°56'11.68277"	19.637
Patabeda	P12.2	330013.723	2426739.057	85°21'14.65919"	21°56'12.32123"	1.99
Patabeda	P12.3	330015.182	2426737.704	85°21'14.71055"	21°56'12.27775"	39.558
Patabeda	P12.4	330033.630	2426702.711	85°21'15.36648"	21°56'11.14652"	43.962
Patabeda	P12.5	330051.004	2426662.328	85°21'15.98702"	21°56'09.83970"	13.544
Patabeda	P12.6	330038.067	2426666.337	85°21'15.53470"	21°56'09.96553"	34.806
Patabeda	P12.7	330024.579	2426698.402	85°21'15.05268"	21°56'11.00327"	23.739
PATCH - 13						
Patabeda	P13.1	330092.980	2426577.147	85°21'17.48158"	21°56'07.08501"	14.003
Patabeda	P13.2	330095.666	2426590.890	85°21'17.57004"	21°56'07.53273"	32.724
Patabeda	P13.3	330114.318	2426564.002	85°21'18.23005"	21°56'06.66507"	14.229
Patabeda	P13.4	330123.570	2426553.192	85°21'18.55650"	21°56'06.31686"	125.763
Patabeda	P13.5	330194.556	2426449.377	85°21'21.06890"	21°56'02.96645"	64.945
Patabeda	P13.6	330227.879	2426393.628	85°21'22.25089"	21°56'01.16560"	12.859
Patabeda	P13.7	330215.156	2426395.462	85°21'21.80684"	21°56'01.22080"	56.549
Patabeda	P13.8	330186.116	2426443.985	85°21'20.77681"	21°56'02.78823"	86.716
Patabeda	P13.9	330137.158	2426515.558	85°21'19.04403"	21°56'05.09808"	23.652
Patabeda	P13.10	330129.808	2426538.039	85°21'18.77953"	21°56'05.82639"	14.145
Patabeda	P13.11	330123.051	2426550.466	85°21'18.53940"	21°56'06.22805"	15.704
Patabeda	P13.12	330111.991	2426561.615	85°21'18.14985"	21°56'06.58667"	24.55
PATCH - 14						
Patabeda	P14.1	330376.782	2426391.719	85°21'27.44029"	21°56'01.15539"	7.954
Patabeda	P14.2	330383.944	2426395.180	85°21'27.68857"	21°56'01.27044"	28.668
Patabeda	P14.3	330411.636	2426402.596	85°21'28.65074"	21°56'01.52118"	13.964
Patabeda	P14.4	330425.457	2426404.586	85°21'29.13162"	21°56'01.59067"	25.148
Patabeda	P14.5	330450.041	2426399.290	85°21'29.99026"	21°56'01.42706"	50.559
Patabeda	P14.6	330495.046	2426376.251	85°21'31.56708"	21°56'00.69370"	57.829
Patabeda	P14.7	330537.214	2426336.677	85°21'33.05123"	21°55'59.42177"	4.408
Patabeda	P14.8	330540.945	2426334.343	85°21'33.18213"	21°55'59.34716"	10.548
Patabeda	P14.9	330538.442	2426324.089	85°21'33.09871"	21°55'59.01293"	9.127
Patabeda	P14.10	330530.777	2426329.043	85°21'32.82979"	21°55'59.17133"	57.217
Patabeda	P14.11	330489.938	2426369.117	85°21'31.39176"	21°56'00.45997"	48.967
Patabeda	P14.12	330446.698	2426392.096	85°21'29.87644"	21°56'01.19202"	21.421
Patabeda	P14.13	330425.665	2426396.156	85°21'29.14199"	21°56'01.31669"	26.843
Patabeda	P14.14	330399.776	2426389.064	85°21'28.24252"	21°56'01.07708"	23.147
PATCH - 15						
Patabeda	P15.1	330746.247	2426212.620	85°21'40.38141"	21°55'55.46116"	7.787
Patabeda	P15.2	330749.789	2426219.555	85°21'40.50224"	21°55'55.68786"	2.331
Patabeda	P15.3	330749.270	2426221.828	85°21'40.48331"	21°55'55.76157"	63.797
Patabeda	P15.4	330808.226	2426246.204	85°21'42.52861"	21°55'56.57457"	48.615
Patabeda	P15.5	330842.368	2426280.812	85°21'43.70542"	21°55'57.71156"	34.387
Patabeda	P15.6	330873.410	2426295.606	85°21'44.78163"	21°55'58.20330"	35.127



G. J. Meddas
Range Officer
Koira Forest Range

DISTANCE BETWEEN PILLAR TO PILLAR (BONAI DIVISION)						
VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO-ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
Patabeda	P15.7	330908.510	2426294.226	85°21'46.00521"	21°55'58.17063"	60.753
Patabeda	P15.8	330960.571	2426262.912	85°21'47.83097"	21°55'57.17063"	49.550
Patabeda	P15.9	331008.413	2426250.014	85°21'49.50288"	21°55'56.76791"	35.756
Patabeda	P15.10	331042.936	2426240.704	85°21'50.70932"	21°55'56.47719"	81.939
Patabeda	P15.11	331122.446	2426260.507	85°21'53.47257"	21°55'57.14859"	34.234
Patabeda	P15.12	331148.282	2426282.968	85°21'54.36451"	21°55'57.88778"	13.507
Patabeda	P15.13	331148.031	2426269.463	85°21'54.36078"	21°55'57.44864"	16.868
Patabeda	P15.14	331135.288	2426258.418	85°21'53.92085"	21°55'57.08513"	23.854
Patabeda	P15.15	331113.796	2426248.059	85°21'53.17576"	21°55'56.74090"	73.543
Patabeda	P15.16	331042.226	2426231.140	85°21'50.68815"	21°55'56.16603"	36.290
Patabeda	P15.17	331007.060	2426240.019	85°21'49.45944"	21°55'56.44248"	52.038
Patabeda	P15.18	330957.397	2426255.627	85°21'47.72311"	21°55'56.93270"	59.736
Patabeda	P15.19	330906.124	2426286.277	85°21'45.92504"	21°55'57.91139"	30.338
Patabeda	P15.20	330875.792	2426285.656	85°21'44.86832"	21°55'57.88065"	30.482
Patabeda	P15.21	330848.270	2426272.553	85°21'43.91418"	21°55'57.44512"	49.522
Patabeda	P15.22	330813.256	2426237.532	85°21'42.70710"	21°55'56.29438"	34.277
Patabeda	P15.23	330781.588	2426224.415	85°21'41.60849"	21°55'55.85693"	37.257
PATCH - 16						
Patabeda	P16.1	331199.446	2426329.110	85°21'56.13024"	21°55'59.40565"	14.895
Patabeda	P16.2	331210.315	2426339.295	85°21'56.50518"	21°55'59.74056"	18.531
Patabeda	P16.3	331227.291	2426346.725	85°21'57.09398"	21°55'59.98799"	34.4
Patabeda	P16.4	331261.660	2426345.268	85°21'58.29214"	21°55'59.95252"	1.814
Patabeda	P16.5	331262.827	2426343.879	85°21'58.33332"	21°55'59.90777"	12.248
Patabeda	P16.6	331259.781	2426332.016	85°21'58.23159"	21°55'59.52104"	4.518
Patabeda	P16.7	331256.862	2426335.465	85°21'58.12857"	21°55'59.63216"	27.728
Patabeda	P16.8	331229.158	2426336.624	85°21'57.16277"	21°55'59.66025"	14.468
Patabeda	P16.9	331215.901	2426330.831	85°21'56.70298"	21°55'59.46732"	2.421
Patabeda	P16.10	331214.143	2426329.166	85°21'56.64234"	21°55'59.41258"	14.697
PATCH - 17						
Patabeda	P17.1	331524.009	2425815.598	85°22'07.63030"	21°55'42.82297"	14.915
Patabeda	P17.2	331520.937	2425830.193	85°22'07.51787"	21°55'43.29642"	72.054
Patabeda	P17.3	331579.245	2425787.862	85°22'09.56531"	21°55'41.94034"	10.773
Patabeda	P17.4	331570.111	2425782.142	85°22'09.24915"	21°55'41.75121"	56.967
PATCH - 18						
Patabeda	P18.1	331728.219	2425635.965	85°22'14.81251"	21°55'37.05341"	15.898
Patabeda	P18.2	331743.873	2425638.741	85°22'15.35694"	21°55'37.14906"	109.108
Patabeda	P18.3	331852.131	2425625.149	85°22'19.13419"	21°55'36.74455"	36.764
Patabeda	P18.4	331888.185	2425632.312	85°22'20.38784"	21°55'36.98988"	18.196
Patabeda	P18.5	331905.867	2425628.019	85°22'21.00553"	21°55'36.85640"	135.996
Patabeda	P18.6	332034.076	2425673.376	85°22'25.45621"	21°55'38.37524"	100.41
Patabeda	P18.7	332126.781	2425634.802	85°22'28.70071"	21°55'37.15306"	40.989
Patabeda	P18.8	332161.783	2425613.472	85°22'29.92824"	21°55'36.47164"	24.108
Patabeda	P18.9	332183.779	2425603.604	85°22'30.69834"	21°55'36.15839"	24.108
Patabeda	P18.10	332207.555	2425602.767	85°22'31.52711"	21°55'36.13937"	35.343
Patabeda	P18.11	332242.772	2425599.789	85°22'32.75533"	21°55'36.05469"	26.604
Patabeda	P18.12	332263.574	2425616.373	85°22'33.47404"	21°55'36.60100"	60.417



[Signature]
Range Officer
Koira Forest Range

DISTANCE BETWEEN PILLAR TO PILLAR (BONAI DIVISION)						
VILLAGE NAME	PILLAR NO.	UTM CO-ORDINATES		GO-GRAPHIC CO-ORDINATES		DISTANCE BETWEEN ADJACENT CO-ORDINATE
		EASTING	NORTHING	LONGITUDE	LATITUDE	
Patabeda	P18.13	332295.420	2425667.716	85°22'34.56479"	21°55'38.28121"	61.875
Patabeda	P18.14	332311.123	2425727.565	85°22'35.08987"	21°55'40.23241"	51.506
Patabeda	P18.15	332331.916	2425774.687	85°22'35.79704"	21°55'41.77158"	42.578
Patabeda	P18.16	332325.130	2425816.721	85°22'35.54506"	21°55'43.13585"	94.417
Patabeda	P18.17	332314.483	2425910.537	85°22'35.13947"	21°55'46.18230"	10.151
Patabeda	P18.18	332324.609	2425909.822	85°22'35.49259"	21°55'46.16253"	92.352
Patabeda	P18.19	332335.035	2425818.060	85°22'35.88973"	21°55'43.18279"	43.742
Patabeda	P18.20	332341.869	2425774.855	85°22'36.14379"	21°55'41.78048"	2.869
Patabeda	P18.21	332341.542	2425772.005	85°22'36.13344"	21°55'41.68768"	52.059
Patabeda	P18.22	332320.618	2425724.336	85°22'35.42190"	21°55'40.13071"	62.695
Patabeda	P18.23	332304.561	2425663.670	85°22'34.88477"	21°55'38.15283"	63.372
Patabeda	P18.24	332271.057	2425609.715	85°22'33.73723"	21°55'36.38711"	29.347
Patabeda	P18.25	332248.096	2425591.359	85°22'32.94396"	21°55'35.78243"	3.423
Patabeda	P18.26	332244.941	2425590.031	85°22'32.83451"	21°55'35.73820"	38.094
Patabeda	P18.27	332206.947	2425592.791	85°22'31.50960"	21°55'35.81485"	24.826
Patabeda	P18.28	332182.139	2425593.738	85°22'30.64483"	21°55'35.83707"	27.887
Patabeda	P18.29	332156.595	2425604.928	85°22'29.75060"	21°55'36.19209"	40.249
Patabeda	P18.30	332122.215	2425625.857	85°22'28.54493"	21°55'36.86066"	95.796
Patabeda	P18.31	332033.776	2425662.674	85°22'25.44969"	21°55'38.02719"	133.593
Patabeda	P18.32	331907.797	2425618.216	85°22'21.07641"	21°55'36.53834"	2.884
Patabeda	P18.33	331904.917	2425618.063	85°22'20.97613"	21°55'36.53237"	17.425
Patabeda	P18.34	331887.963	2425622.085	85°22'20.38388"	21°55'36.65730"	36.154
Patabeda	P18.35	331852.478	2425615.163	85°22'19.14999"	21°55'36.42001"	112.76
Patabeda	P18.36	331740.580	2425629.075	85°22'15.24576"	21°55'36.83368"	3.043
Patabeda	P18.37	331737.653	2425629.907	85°22'15.14347"	21°55'36.85972"	11.212



Signed by
Range Officer
Koira Forest Range

PROPOSAL No.: FP/OR/Others/23166/2016**UNDERTAKING****Condition No.: B. (i, v, vi, vii, ix, x, xi, xii, xiii, xiv, xv, xvi, xvii, xviii, xix, xx & xxi)**

I, Shailendra Kumar Sah, Vice President-Projects and Authorised Signatory, M/s - **ArcelorMittal Nippon Steel India Limited** do hereby undertake that,

- Condition no. B.(i)- The legal status of the diverted forest land shall remain unchanged.
- Condition no. B.(v)- The user agency shall pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India.
- Condition no. B.(vi)- The user agency will ensure during execution of work the proposed Slurry & Return water Pipelines, along with Power and Communication cables shall be laid a minimum 1.0 meter below the ground with a 1-meter width. After laying down of the pipeline the ground will be levelled.
- Condition no. B.(vii)- The laying of the pipeline shall be done simultaneously with the digging of the trench.
- Condition no. B.(ix)- The user agency will take adequate safety measures for accidental leakage of Slurry & Water Pipelines, Power, and Communication cable.
- Condition no. B.(x)- The user agency will Implement intensive Soil & Moisture Conservation measures along both sides of the proposed pipeline corridor passing through the forest area at our project cost.
- Condition no. B.(xi)- The user agency ensures no labour camp shall be established on the forest land and the user agency shall provide fuels preferably alternate fuels to the labourers and staff working at the site.
- Condition no. B.(xii)- The user agency will ensure during the execution of work, no additional or new path will be constructed inside the forest area for any activity related to the project work.
- Condition no. B.(xiii)- The user agency ensures while executing works, shall not fell any tree or damage forest growth in the surrounding forest area in any manner.
- Condition no. B.(xiv)- The layout plan of the proposed forest land shall not be changed without the prior approval of the Ministry of Environment, Forest & Climate Change.



- Condition no. B.(xv)- The forest land shall not be used for any purpose other than that specified in the proposal.
- Condition no. B.(xvi)- The forest land proposed to be diverted shall under no circumstances be transferred to any other user agency, department or person without the prior approval of the Ministry of Environment, Forest & Climate Change.
- Condition no. B.(xvii)- No damage to the flora and fauna of the adjoining area shall be caused.
- Condition no. B.(xviii)- The user agency will co-operate with the Divisional Forest Officer of Keonjhar & Bonai Forest Division as and when required to abide by the condition of monitor and take necessary mitigative measures to ensure that there is no adverse impact on the forests in the surrounding area.
- Condition no. B.(xix)- The user agency will submit the annual self-monitoring report on compliance of stipulated conditions to the Nodal Officer (FCA) of the State and concerned Integrated Regional Office of this Ministry by the end of March every Year.
- Condition no. B.(xx)- The user agency shall comply with any other conditions that the Ministry of Environment, Forests & Climate Change may impose from time to time in the interest of afforestation, conservation, and management of flora and fauna in the area.
- Condition no. B.(xxi)- The user agency shall comply all the provisions of all Acts, Rules, Regulations, Guidelines, Hon'ble court order (s), and NGT order (s) pertaining to this project, if any, for the time being in force, as applicable to the project.

For **ArcelorMittal Nippon Steel India Limited**


Authorised Signatory
Shailendra Kumar Sah
Vice President- Projects

