



OFFICE OF THE DEPUTY CONSERVATOR OF FORESTS
BALLARI DIVISION, BALLARI

No.M1/MNG/NANDI/MLNo.0005/2017-18 /2102

Dated: 09.02.2023

To,

The Chief Conservator of Forests,
Ballari Circle, Ballari

Sir,

Sub: Diversion of 2.048 hectare (4.25 hectare as per Form A) of forest land in SM Block, Sandur South Range, Ballari District for approach road to ML No. 0005(ML No. 2313) in favour of M/s JSW Steel Ltd. Toranagallu.

- Ref :1) Letter No. F.No. 8-323/1989-FC(pt) Dt.11.04.2018 of Government of India, Ministry of Environments, Forest and Climate Change, New Delhi.
2) This office even number letter Dt.27.01.2022.
3) Letter No. 8-323/1989-FC(pt-I) Dt.28.10.2022 of Government of India.
4) Letter No. A5(1).MNG.CR.11/2016-17 Dt. 09.11.2022 of the Additional Principal Chief Conservator of Forests (Forest Conservation), Bengaluru.
5) M/s. JSW Steel Limited, Toranagallu letter Dt.12.12.2022.

* * * * *

With reference to the above subject, the Government of India, Ministry of Environment, Forest & Climate Change (Forest Conservation Division), New Delhi has accorded Stage-I / In-principal approval for diversion of 2.048 hectare (4.25 hectare as per Form A) of forest land in SM Block, Sandur South Range, Ballari District for approach road to ML No. 0005(ML No. 2313) in favour of M/s JSW Steel Ltd. Toranagallu vide letter under Ref(1). In this regard, office of the undersigned had submitted the Compliance Report to condition imposed in Stage-I approval.

Further, the Government of India has raised EDS query vide letter Dt.09.11.2022 under Ref(1). In this regard, the Principal Chief Conservator of Forests (FC) and Nodal Officer (FCA), Aranya Bhavan, Bengaluru has directed the undersigned to submit certain information vide letter under Ref(5). Subsequently, the User Agency has remitted the same and submitted the details of payment to this office vide letter under Ref (6).

Upon perusal of the same, I am herewith submitting the following information along documents as sought by Government of India;

| Sl. No. | EDS raised by Government of India | Information submitted |
|---------|---|---|
| i. | The User Agency has not submitted the undertakings w.r.t. conditions No. (vi) of the Stage-I approval letter dated 11.04.2018. | The User Agency submitted the undertaking w.r.t. conditions No. (vi) of the Stage-I approval letter dated 11.04.2018 which is enclosed as Annexure I . |
| ii. | The User Agency has not submitted design of providing at least 2-3 rows of long rotation indigenous trees, as per provision of IRC-SP-21-2009 w.r.t. the condition no. (xxix) Stage-I approval letter dated 11.04.2018. | The User Agency submitted the plan showing the strip plantation on both sides of existing approach road is enclosed as Annexure II . |

| | | |
|------|--|---|
| iii. | The earlier identified CA land has been changed, in this regard the State Govt. has not forwarded the KML Files of revised CA land, Revised CA Scheme, CA suitability certificate and the reason for changing the CA land. | The KML File of revised CA land, Revised CA Scheme, CA suitability certificate are enclosed herewith as Annexure-III, IV & V . Further, the reason for changing the CA land is submitted by the User Agency and the same has been enclosed herewith as Annexure-VI . |
|------|--|---|

This is for your kind information and needful action.

Yours Faithfully,

Sd/-

Deputy Conservator of Forests,
Ballari Division, Ballari

- 1) Copy submitted the Principal Chief Conservator of Forests, (Forest Conservation), Bangalore for kind information.
- ✓ 2) Copy to M/s. JSW Steel Limited, Toranagallu for information.


Deputy Conservator of Forests,
Ballari Division, Ballari



JSW Steel Limited

Vijayanagar Works :
P.O. Vidyanagar - 583 275,
Dist. Ballari, Karnataka, India.
CIN. : L27102MH1994PLC152925
Phone : +91 8395 250 120-30
Fax : +91 8395 250 132/142
Website : www.jsw.in

Annexure - I

UNDERTAKING

We hereby confirm that we have been accorded In-principle Approval for forest diversion under Section 2(ii), Forest (Conservation) Act, 1980, over an extent of 2.048 ha. in SM Block, Kumaraswamy Range, Sandur Taluk, Ballari District, Karnataka vide letter no. F. No. 8-323/1989-FC (pt.) dated 11th April, 2018 by MoEF&CC, Government of India, New Delhi.

We hereby undertake to take necessary steps to fulfil the condition as laid down by Hon'ble Supreme Court as early as possible. Till such time, the proposed road may be used for transportation of ore. The same road is used for transportation of men and machinery, however, if not utilized, the area will revert to Forest Department once the conveyer belt-railway system is made operational.

Place: Ballari

Date: 12.12.2022

For M/s JSW Steel Ltd.

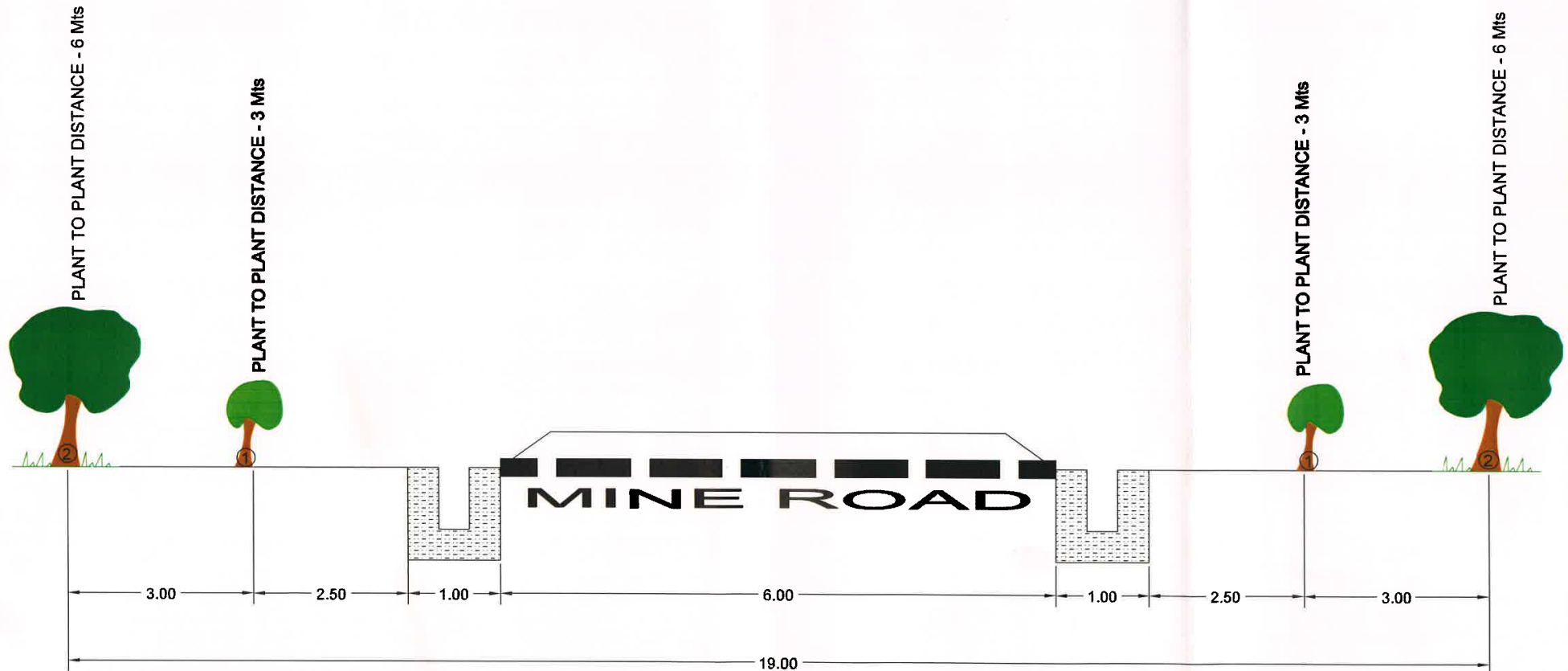
Authorised Signatory



JINDAL Part of O. P. Jindal Group

Regd. Office : JSW Centre
Bandra Kurla Complex,
Branch (East), Mumbai - 400 051
Phone : +91 22 4286 1000
Fax : +91 22 4286 3000

STRIP PLANTATION DESIGN



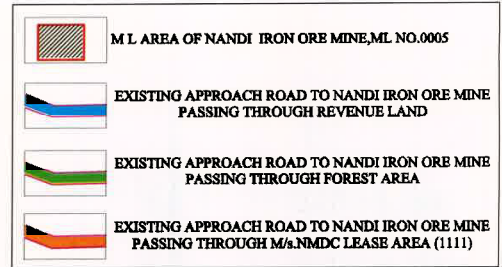
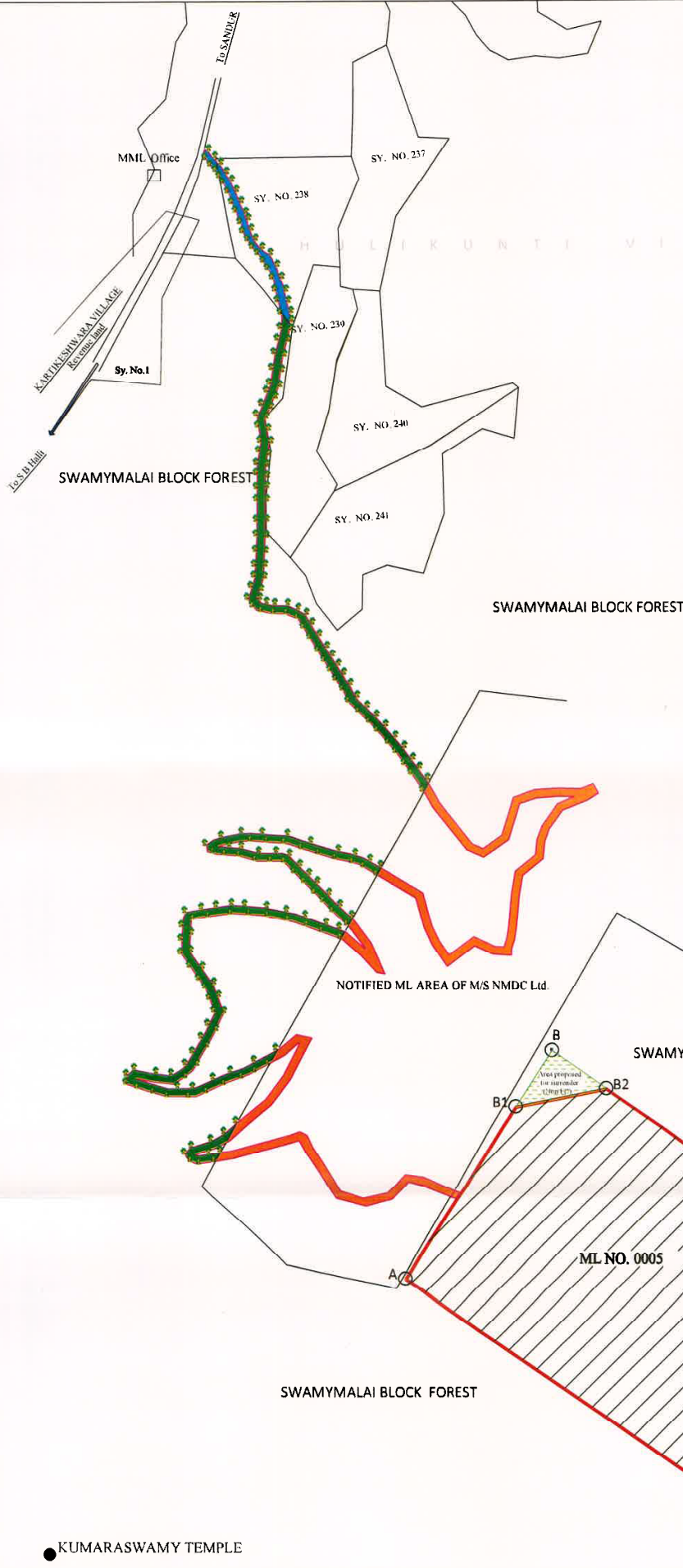
TYPICAL CROSS SECTION OF NANDI APPROACH ROAD SHOWING PROPOSED PLANTATION SCHEME / DESIGN CONSISTING OF TWO ROWS OF LONG ROTATION INDIGENOUS TREES, AS PER PROVISION OF TRC-SP-21-2009 ON EITHER SIDE OF THE ROAD

TOTAL NUMBER OF PLANTS / KM.

| SL.No | ROWS | NUMBERS OF PLANTS |
|-------|-----------------------------|-------------------|
| 1 | I st. ROW (Either Side) | 1708 |
| 2 | II nd. ROW (Either Side) | 854 |
| TOTAL | | 2562 |

NOTE : ALL DIMENSIONS ARE IN METERS

PLAN SHOWING THE STRIP PLANTATION ON BOTH SIDES OF EXISTING APPROACH ROAD FOR NANDI IRON ORE MINE ML NO. 0005 (2313) OF M/s. JSW STEEL LTD.



| DGPS CO-ORDINATES OF BOUNDARY CORNERS | | | | |
|---------------------------------------|-----------------|-----------------|-------------|------------|
| Map Datum:- WGS-84 | | | | |
| Point ID | Latitude | Longitude | Northing | Easting |
| A | 15°00'54.26212" | 76°34'09.50631" | 1660591.830 | 668718.820 |
| B1 | 15°01'02.61563" | 76°34'15.04286" | 1660849.737 | 668882.377 |
| B2 | 15°01'03.46325" | 76°34'19.60753" | 1660876.757 | 669018.541 |
| C1 | 15°00'55.44785" | 76°34'31.44756" | 1660632.932 | 669373.965 |
| D1 | 15°00'47.83453" | 76°34'26.42931" | 1660397.880 | 669225.731 |
| D | 15°00'44.44304" | 76°34'24.08135" | 1660293.148 | 669156.337 |

● KUMARASWAMY TEMPLE

Project Proponent
For JSW Steel Ltd.

Annexure IV

[illegible]

| Particulars | I YEAR | II YEAR | III YEAR | IV YEAR | V YEAR | VI YEAR | VII YEAR | VIII YEAR | IX YEAR | X YEAR | XI YAER | XII YEAR | Grand Total |
|---|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------------|
| PART E | | | | | | | | | | | | | |
| Maintenance of plantation during 3rd year | | | | | 20500 | | | | | | | | 20500.00 |
| Maintenance of plantation during 4th year | | | | | | 20500 | | | | | | | 20500.00 |
| Maintenance of plantation during 5th year | | | | | | | 20500 | | | | | | 20500.00 |
| PART F | | | | | | | | | | | | | |
| Maintenance of plantation during 6th year | | | | | | | | 3000 | | | | | 3000.00 |
| Maintenance of plantation during 7th year | | | | | | | | | 3000 | | | | 3000.00 |
| Maintenance of plantation during 8th year | | | | | | | | | | 3000 | | | 3000.00 |
| Maintenance of plantation during 9th year | | | | | | | | | | | 3000 | | 3000.00 |
| Maintenance of plantation during 10th year | | | | | | | | | | | | 3000 | 3000.00 |
| Total (A toF) | 59469 | 83698 | 35235 | 28300 | 20500 | 20500 | 20500 | 3000 | 3000 | 3000 | 3000 | 3000 | 283202.00 |
| Amount after taking 10% escalation cost or each year (compounding factor at 10%) | 65416 | 101275 | 46898 | 41434 | 33015 | 36317 | 39948 | 6431 | 7074 | 7781 | 8549 | 9415 | 403553.00 |
| Soil and Moisture conservations measures (15% on total plantion cost) | 60533 | | | | | | | | | | | | 60533.00 |
| Resurveying, redemarcation and other work for section 4 notification | 11162 | | | | | | | | | | | | 11162.00 |
| Total 1st to year to XIIth year Total I+II+III | 71695 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 475248.00 |
| Administeration & supervision charges 10% | | | | | | | | | | | | | 4752.00 |
| | | | | | | | | | | | | | 480000.00 |
| Total amount of the CA for the project | | | | | | | | | 3.496 | Ha. | | | 1678080.00 |
| Grand Total | | | | | | | | | | | | | 1678080.00 |


 Deputy Conservator of Forests,
 Bellary Division, Bellary

FORMAT - A**CA LAND SUITABILITY CERTIFICATE UNDER FCA 1980**

[Cases where the proposed non-forest CA land can support the prescribed planting density of 1000 plants per hectare]

In compliance of the procedure established for diversion of forestland for non-forest purpose through the Forest Conservation Rules 2003 and guidelines framed under the Forest Conservation Act 1980, the following is certified.

1. The non-forest land parcel(s) shown in the table below proposed by **M/s JSW Steel Limited, Toranagalu**, for raising compensatory afforestation (CA) in forest land diversion proposal number **F.C No.FP/KA/ROAD/21842/2016** for diversion of **2.048** hectare of forest land in Ballari Division has been inspected by me on **21.12.2022**.
2. The said non-forest CA land parcel(s) is/are suitable for raising compensatory afforestation in accordance with the Government of India FC Guidelines F. No. 11-423/2011-FC dated 08-11-2017 read with general FC Guidelines, and in case of Private Party User Agency, further as per Government of Karnataka Order No.FEE 82 FLL 2016 dated 31-08-2016.
3. The KML file(s), Topo Map(s), Geo-referenced Map(s) & GPS readings of all corners of the proposed land parcel(s) have been uploaded by User Agency in PART-I of the proposal:
4. Additional remarks, in any : For this CA land, CA suitability has already been issued on 25/10/2018 and 03/08/2019 against Rama mines lease of JSW steel limited. Based on the Suitability Certificate, these parcel of CA lands have been mutated in favor of Forest Department. However, afterwards for Rama mines, other CA land was given in Sy No. 11/A, 12/A & 1/1 of Agasanuru Village and Sy.No.1/3(part) & 1/4 of Tumti village, Sandur Taluk, Ballari District. Thus, with the change of project, on the request of User Agency the following CA land in Sy No.414/A, 414/B & 413/B(part) of Belagal Village, Ballari Taluk is being adjusted to this instant proposal No. FP/KA/ROAD/21842/2016 of Nandi Mines Approach Road of M/s. JSW Steel Limited, Toranagallu

| Sl No. | District, Taluk & Hobli | Village | Survey number | Extent proposed A-G (Ha) | Remarks about the adjacency of the proposed land parcel to a notified forest |
|--------|-------------------------|---------|---------------|--------------------------|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Ballari | Belgal | 414/A | 0.73 | 1) These areas are located about 170 meters distance from Ballari RF. 2) Area is suitable for afforestation & it is free from encroachments. |
| 2 | Ballari | Belgal | 414/B | 1.55 | |
| 3 | Ballari | Belgal | 413/B (part) | 0.73 | |
| | | | Total | 3.01 | |

Place : Ballari
Date : 09.02.2023


Deputy Conservator of Forests
Ballari Division, Ballari

FORMAT - A

CA LAND SUITABILITY CERTIFICATE UNDER FCA 1980

[Cases where the proposed non-forest CA land can support the prescribed planting density of 1000 plants per hectare]

In compliance of the procedure established for diversion of forestland for non-forest purpose through the Forest Conservation Rules 2003 and guidelines framed under the Forest Conservation Act 1980, the following is certified.

1. The non-forest land parcel(s) shown in the table below proposed by **M/s. JSW Steel Limited Ballari** for raising compensatory afforestation (CA) in forest land diversion Proposal No. **Proposal No. FP/KA/ROAD/21842/2016** for diversion of **0.63** hectare of forestland in Raichur Division has been inspected by me on **02-11-2019**.
2. The said non-forest CA land parcel(s) is/are suitable for raising compensatory afforestation in accordance with the Government of India FC Guidelines F. No. 11-423/2011-FC dated 08-11-2017 read with general FC Guidelines, and in case of Private Party User Agency, further as per Government of Karnataka Order No.FEE 82 FLL 2016 dated 31-08-2016.
3. The KML file(s), Topo Map(s), Geo-referenced Map(s) & GPS readings of all corners of the proposed land parcel(s) have been uploaded by User Agency in PART-I of the proposal.
4. Additional remarks, in any ..

| District, Taluk & Hobli | Village | Survey number | Extent proposed Ha. | Remarks about the adjacency of the proposed land parcel to a notified forest |
|-------------------------------|--------------|---------------|------------------------|---|
| 1 | 2 | 3 | 4 | 5 |
| Raichur, Maski, Maski | Baggalagudda | 67 | 0.63 | These lands are adjacent to Bailgudda Sec. 4 notified area |
| | | Total | 0.63 | |

Place : Raichur
Date : 16-11-2019.

Range Forest Officer,
Lingasuguru (T).

Deputy Conservator of Forests,
Raichur Forest Division, Raichur.

Annexure VI

Justification for Change in Compensatory Afforestation Land

The CA Land identified in Sy. No. 74/1 of Thimmapura Village, Lingasuguru Taluk, Raichur was proposed for Stage-I Clearance on the basis of Sale Agreement, Record of Rights (RoR) and Non-Encumbrance Certificate. The same land has been used for our mining lease proposal i.e. Bhadra Iron Ore Mine (FP/KA/MIN/25219/2017).

Therefore, at the time of uploading online compliance, we have used 1.411 ha. in Sy. No. 67 of Baggalagudda Village, Lingasuguru Taluk and 2.153 ha. in Sy. No. 10/C, 10/A4/a1 of Gonal & Gadignur Villages in Hospet Taluk, Ballari District.

Later, as directed by the PCCF office, these lands have been revised and new CA land parcels which were already transferred and mutated in favour of Forest Department are proposed. The details are as follows:

| S. No. | Location | Sy. No | Extent (Ha.) |
|--------------|---|-------------|--------------|
| 1 | Belgal Village, Ballari Taluk & District | 413/B (pt.) | 0.73 |
| 2 | | 414/A | 0.73 |
| 3 | | 414/B | 1.55 |
| 4 | Bagalagudda Village, Lingasugur Taluk, Raichur District | 67 (pt.) | 0.88 |
| Total | | | 3.89 |

For M/s JSW Steel Ltd.

Authorized Signatory.
Authorized Signatory
JSW STEEL LIMITED