

Ref No : MSPL/NIOM/EDS reply/2022-23/01

Dated: 06.02.2023

To,
Deputy Conservator of Forest
Ballari Division, BALLARI

Dear Sir

Sub: Diversion of 64.86 ha of forest Land (60.66 ha for Mining + 4.20ha of approach road) in Dharmapura Village, Sandur taluk, Ballari District for Narsimha Iron Ore Mine ML NO 2148 ('C' Category Mine erstwhile lessee Sri. H.G. Ranganagouda) in favour of M/s MSPL Limited, Hospet FC Proposal NO: **FP/KA/MIN/39986/2019 [Form-A]**

- Ref: 1) PCCF HOFF Bengaluru Letter No : KFD/HIFF/A5-1(MNG/51/2018-FC Dt:12/08/2022
2) Letter from CCF Ballari vide No: M1/MNG/CR-7/2000-01 (HRG)/184 Dated: 27.10.2022.
3) Your good office Letter vide No : M1/MNG/MSPL/HGR/2019-20/1887 Dt:25/11/2022

With reference to the above subject, As per your office letter in ref 3, informed us to furnish information as per MOEF &CC new delhi, so in this context we are herewith furnishing the information as below:

Sl No	Information/ Clarification Sought by Forest department	Compliance/ clarification sought by MSPL Ltd
1	II. The State Government to identify new CA land and submit the proposal	<p>M/s. MSPL Limited has been declared as a successful bidder in the auction conducted by the Director Mines and Geology and LOI was issued on 06/10/2018 against the HG Rangangouda an erstwhile lessee ML. No. 2148. Subsequently, the Company has applied for Forest clearance and the proposal has been recommended from Government of Karnataka to MoEF, SZ on 30/09/2020 and the said proposal has been further forwarded to MOEF, New Delhi on 23/12/2020.</p> <p>MoEF, New Delhi has raised query on 23/12/2020 and after being satisfied with the reply made by the State Government, our proposal has been cleared in the FAC meeting dated 23.12.2021. but the Stage — I order was pending. In the FAC proceedings, the matter was deliberated and conveyed that, the User Agency has to give the CA land for the approach road and NPV to be paid if the same if was not paid by previous lessee.</p> <p>As per official records, M/s. H G Ranganagouda, the erstwhile lessee has given Compensatory Afforestation land to an extent of 161 acres in Chikkakeriyaginahalli, Sandur taluk, Bellary district.in 1992 and accepted by department and allowed H.G. Ranganagouda, for operation of mining from 1992 to 2011. This land has been mutated</p>

[Handwritten Signature]

MSPL LIMITED

Corp. Office : Baldota Enclave, Abheraj Baldota Road, Hosapete - 583203 , Karnataka, India.
Office : +91 8394 232002, 232003, Fax : +91 8394 232444
Email : email@mspllimited.com url : www.baldota.co.in
Reg. Office : Baldota Bhavan, 117, Maharshi Karve Road, Mumbai - 400020, India.
Tel : +91 22 22030989 Fax : +91 22 22019762 Email : mspl.mum@mspllimited.com
CIN UI3100MH1961PLCO12160

to forest department by the new user (MSPL Limited) agency on 13/11/2019. Later, based 07/07/2021 and 27/04/2022 guidelines of MoEF, we appealed before the MoEF to consider the proposal for transfer of FC instead considering for Stage — I which has been in principally agreed in agenda 4 of File No. 8-21/2021-FC dated 23/12/2021. Hence, the proposal was placed before the FAC on 15/07/2022 in which PCCF (FC) Nodal Officer (FCA) has raised not to consider the proposal of MSPL Limited for transfer of FC as the CA land mutated was a forest land. Thus, the matter got struck neither for transfer nor for fresh FC as Stage - I.

Though, MSPL Limited has produced all supporting documents proving that, the land mutated by the user agency is a valid revenue land, but the PCCF (FC) Nodal Officer (FCA) claim is that, this land was a forest land with reference to a notification of 1895. We tried to convince him that, lot of changes in the statue have taken place subsequent to 1895, after independence of India, reorganization of States, merger of Sandur Princely State, formation of Mysore State and finally now Karnataka as State. All other series of documents other than 1895 notification depicts that, the Sy. No. 563 as revenue land mutated to forest department.

Cabinet of Government of Karnataka has ordered for taking back the revenue C & D land from the forest department to create the Land Bank vide order RD/106/LGP/88 dated 03/01/1991. The hand over and take Over certificate Number CUM/Bhoomi/258/1991 dated 15/03/1991 is a best evident for it. The Sy No 563 is also one of the survey number taken back from forest to revenue department for Land bank purpose.

M/s. H G Rangangouda has obtained the Permission from The Deputy commissioner, Bellary for Survey Number 563 to an extent 161.25 acres as CA land vide Dy. Commissioner, Bellary order Number: 332/Bhoomi/1991 dated 11/02/1992. Deputy Commissioner, Bellary has ordered for the mutation of the said survey number 563 over an extent 161.25 acres in favour of forest department vide order number CUM/Bhoomi/C&D/03 2019 dated 13/11/2019.

We also bring your kind knowledge that, several user agency have suffered a lot due to wrong presumption of PCCF (FC) Nodal Officer (FCA) over CA land hand over by the several user agencies including MSPL Limited. This has been recorded in the recent minutes of proceedings dated 29/06/2022 in which forest department has agreed and directed the revenue department to identify the C & D land in the case of 5 mining lessees, since these lease holders are not at fault but lost the CA land status due to irregularities noticed in Kolar district. copy of proceedings is enclosed herewith for your ready



		<p>reference. We were also given our representation to GOK, on 19.11.22. to consider our case in the same lines.</p> <p>Subsequently, ACS, Forest, Ecology and Environment, Govt of Karnataka had wrote a letter dt: 23.12.2022. requested the State Secretary, Revenue Department, GOK to identify around 1000 acres of land for sanctioning compensatory forest land.</p> <p>Eventually, revenue land handover in favour of HG Rangangouda was done 3 decades back. Forest department has accepted the same till 15/07/2022. The user new agency MSPL Limited has not taken any finical consideration towards CA lands and CA charges while bidding in the "E: auction conducted by GOK as the CA land and CA charges are fulfilled by the previous lessee and the same accepted and admitted by the forest department including the MoEF, New Delhi. Raising an objection on CA land at this stage will not only cause unbearable inconvenience but also lead to huge financial losses to the new lessee by not allowing the mines to start with in stipulated time. We submit before you that, successful bidder needs to commence the mining operations within 18 months of LOI being issued by the Director Mines and Geology. Due to wrong claim made by the PCCF (FC) Nodal Officer (FCA) our proposal for transfer of Forest Clearance got struck before MoEF, New Delhi. In view of the above we are of the opinion that, the said land is a revenue land. In case forest department takes a view that it is a forest land then as decision taken in similar cases we request you to please take alternate C & D land from revenue department at no further cost on land and no Compensatory Afforestation (CA) charges to MSPL Limited as per taken the decision by GOK for similar cases.</p>
2	III. State Government to submit the timeline for implementation of R& R Plan of leased area in question.	As per approved R& R plan by CEC , we are implementing the measures as per schedule . Attached copy

Please accept our submission and forwarding the same to higher official for further processes

Yours Faithfully,

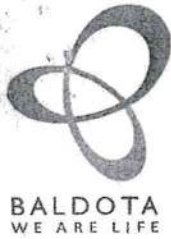
For MSPL LIMITED



K. Madhusudhana
Chief executive Officer



Copy to : Range Forest Office, Sandur South Range, SANDUR



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CIN U13100MH1961PLCO12160

October 17, 2022

The Honorable Chief Minister
Government of Karnataka,
Vidhana Soudha,
Bangalore – 560001.

Dear Sir,

Subject: Request for allotment of C & D land in lieu of already mutated Compensatory Afforestation land for which PCCF (Forest) has raised objection.

M/s. MSPL Limited has been declared as a successful bidder in the auction conducted by the Director Mines and Geology and LOI was issued on 06/10/2018 against the HG Rangangouda an erstwhile lessee ML. No. 2148. Subsequently, the Company has applied for Forest clearance and the proposal has been recommended from Government of Karnataka to MoEF, SZ on 30/09/2020 and the said proposal has been further forwarded to MOEF, New Delhi on 23/12/2020.

MoEF, New Delhi has raised query on 23/12/2020 and after being satisfied with the reply made by the State Government, our proposal has been cleared in the FAC, but the Stage – I order was pending. In the FAC proceedings, the matter was deliberated and conveyed that, the User Agency has to give the CA land for the approach road and NPV to be paid if the same if was not paid by previous lessee.

As per official records, M/s. HG Ranganagouda the erstwhile lessee has given Compensatory Afforestation land to an extent of 161 acres in Chikkakeriyaginahalli, Sandur taluk, Bellary district. This land has been mutated to forest department by the new user (MSPL Limited) agency on 13/11/2019. Later, based 07/07/2021 and 27/04/2022 guidelines of MoEF, the new user agency has appealed before the MoEF to consider the proposal for transfer of FC instead considering for Stage – I which has been in principally agreed in agenda 4 of File No. 8-21/2021-FC dated 23/12/2021. Hence, the proposal was placed before the FAC on 15/07/2022 in which Nodal Officer (PCCF – Forest) has raised not to consider the proposal of MSPL Limited for transfer of FC as the CA land mutated was a forest land. Thus, the matter got struck neither for transfer nor for fresh FC as Stage - I.

Though, the new user agency MSPL Limited has produced all supporting documents proving that, the land mutated by the user agency is a valid revenue land, but the PCCF (forest)'s claim is that, this land was a forest land with reference to a notification of 1895. We tried to convince him that, lot of changes in the statue have taken place subsequent to 1895, after independence of India, reorganization of States, merger of Sandur princely State, formation of Mysore State and finally now Karnataka as State. All other series of documents other than 1895 notification depicts that, the Sy. No. 563 as revenue land mutated to forest department.

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We also bring your kind knowledge that, several user agency have suffered a lot due to wrong presumption of PCCF (Forest) over CA land hand over by the several user agencies including MSPL Limited. This has been recorded in the recent minutes of proceedings dated 29/06/2022 in which forest department has agreed and directed the revenue department to identify the C & D land in the case of 5 mining lessees who have lost the CA land status due to irregularities noticed in Kolar district.

Eventually, revenue land handover in favour of HG Rangangouda was done 3 decades back. Forest department has accepted the same till 15/07/2022. Raising an objection at this stage over new user agency is an harassment over MSPL Limited. We submit before you that, successful bidder need to commence the mining operations within 18 months of LOI being issued by the Director Mines and Geology. Due to wrong claim made by the PCCF (Forest), our proposal for transfer of Forest Clearance got struck before MoEF, New Delhi. In view of the above we are of the opinion that, the said land is a revenue land and therefore request you to direct the forest department to write to MoEF that, the said land was a revenue land and has

been mutated to forest department. In case forest department takes a view that it's a forest land then as decision taken in similar cases we request you to please direct the forest department to take alternate C & D land from revenue department at no further cost on land and no Compensatory Afforestation (CA) charges to MSPL Limited as we have bid for this block based on the tender document which says that, the erstwhile lessee had forest clearance.

Your immediate action is requested as our project has been already delayed.

With Kind Regards,



Rahulkumar N Baldota
Jt. Managing Director

Proceedings of the meeting held under the chairmanship of Hon'ble Minister of Forest, Food and Civil Supplies at Aranya Bhavan on 29-06-2022 at 11.00 AM to discuss the cancellation of non-forest lands provided for CA in Kolar Taluk, Kolar District.

Present in the meeting:

1. Hon'ble Minister of Forest, Food and Civil Supplies.
2. Additional Chief Secretary, Forest, Ecology and Environment, Department
3. Principal Chief Conservator of Forests (Head of Forest Force)
4. Principal Chief Conservator of Forests (Forest Conservation)
5. Chief Conservator(s) of Forests, Ballari and Bengaluru Circles
6. Deputy Commissioner, Kolar District
7. Deputy Conservator of Forests, Kolar and Ballari Divisions
8. Deputy Secretary Revenue Department

The Principal Chief Conservator of Forests (Forest Conservation) welcomed the Hon'ble Minister and officers present in the meeting and briefed the purpose of the meeting that the matter pertains to cancellation of CA lands by the Assistant Commissioner, Kolar District which were earlier given as CA lands against certain leases.

Deputy Conservator of Forests, Ballari Division provided the detailed list of leases for which these CA lands were identified (Copy enclosed) and subsequently cancelled.

During the discussions it was brought out that, at the time when these CA lands were given, they were identified from out of revenue lands as per the then prevailing norms. However, now as per Government of Karnataka Order No. FEE 88 FLL 2016 dated 31-08-2016 all the private lease holders have to purchase lands from the private parties for the purpose of providing CA land. In all of these cases, the CA lands have been cancelled by the revenue authorities as the first allotment itself was wrong. However, since these lease holders are not at fault, a suitable decision needs to be taken as to how to recoup the loss of CA lands due to the cancellation.

GOVERNMENT OF KARNATAKA

ಕರ್ನಾಟಕ ಸರ್ಕಾರ, ಸಂಸಾರ್ವಜನಿಕ

After due deliberation, it was decided to explore the possibility of securing Revenue land to an extent of 200 ha for making good the CA land already lost due to cancellation for the following leases only: -

- 1) M/s Lakshmi Minerals ML No. 2551 - 24.51 ha.
- 2) M/s Veerabhadrappe and Sangappa Company ML No. 2160 - 3.373 ha
- 3) M/s Balasubbashetty and Son ML No. 2502 - 3.14 ha
- 4) M/s Nadeem Minerals ML No. 2526 - 12.81 ha
- 5) M/s M. Srinivasulu ML No. 2552 - 134.00 ha

It was noted that as regard other leases viz M/s H.N Prem Kumar, M/s Chowgule and Co., M/s SMIORE and M/s Zeenath, they have already provided Revenue land in other areas prior to 2016.

For some, the leases have expired and are yet to be auctioned viz, M/s Veeyam and M/s Vibhutigudda. M/s Anjaneya is a fresh proposal. M/s Kanhaiyalal, M/s H.G Rangan Gowda and M/s Narayana mines have been auctioned recently to new lessees. Hence, here the new lessees will be asked to provide fresh CA land.

After detailed deliberation on the subject, the Deputy Secretary, Revenue Department and Deputy Commissioner Kolar were asked to identify suitable Revenue land for the above five mining leases to an extent of 200.00 ha and intimate early for taking further action.

The meeting ended with vote of thanks.


DIMESH V. KATTI
Minister for Forest and Food, Civil
Supplies and Consumer Affairs



ಕರ್ನಾಟಕ ಸರ್ಕಾರ
Government of Karnataka

ಜಾವೇದ್ ಅಖ್ತರ್, ಡಾ.ಆರ್.ಎಸ್.
ಸರ್ಕಾರದ ಅಪರ ಮುಖ್ಯ ಕಾರ್ಯದರ್ಶಿ
ಅರಣ್ಯ, ಜೀವಿ ಪರಿಸ್ಥಿತಿ ಮತ್ತು ಪರಿಸರ ಇಲಾಖೆ

JAWAID AKHTAR, L.A.S.
Additional Chief Secretary to Govt.
Forest, Ecology and Environment
Department

ಅ.ನ. ಪತ್ರ ಸಂಖ್ಯೆ:ಅಪಜೀ 12 ಎಫ್‌ಎಫ್‌ಎಂ 2021

ದಿನಾಂಕ: 23.12.2022

ಪ್ರಿಯ ಶ್ರೀ ಜಯರಾಮ್‌ವರೇ,

ಕೋಲಾರ ಜಿಲ್ಲೆ, ಕೋಲಾರ ತಾಲ್ಲೂಕು, ಕನಬಾ ಹೋಬಳಿಯ ಅಂತರಗಂಗಿ ಹಾಗೂ ವಕ್ಕಲೇರಿ ಹೋಬಳಿಯ ಸುತ್ತಮುತ್ತಲಿನ ಜಮೀನುಗಳ ಅರಣ್ಯ ಪ್ರದೇಶಕ್ಕೆ ಹೊಂದಿಕೊಂಡಂತಿರುವ ಅರಣ್ಯೇತರ ಜಮೀನನ್ನು ಪರಿಹಾರಾತ್ಮಕ ಜಮೀನನ್ನಾಗಿ (ಸಿ.ಎ) ನೀಡಿದ್ದನ್ನು ಕಂದಾಯ ಇಲಾಖೆಯು ರದ್ದುಪಡಿಸಿದ್ದು, ಮಾನ್ಯ ಅರಣ್ಯ ಸಚಿವರ ಅಧ್ಯಕ್ಷತೆಯಲ್ಲಿ ದಿನಾಂಕ:29.6.2022 ರಂದು ನಡೆದ ಸಭೆಯಲ್ಲಿ ಚರ್ಚಿಸಿದ ನಂತರ 5 ಗಣಿಗುತ್ತಿಗೆಗಳಿಗೆ ಸುಮಾರು 200 ಹೆಕ್ಟೇರ್ ಅರಣ್ಯೇತರ ಜಮೀನನ್ನು ಗುರುತಿಸಿ ಸೂಕ್ತ ಕ್ರಮ ಕೈಗೊಳ್ಳಲು ಜಿಲ್ಲಾಧಿಕಾರಿಗಳು, ಕೋಲಾರ ಜಿಲ್ಲೆ ಹಾಗೂ ಉಪ ಕಾರ್ಯದರ್ಶಿ, ಕಂದಾಯ ಇಲಾಖೆ ಇವರುಗಳಿಗೆ ಸೂಚಿಸಲಾಗಿತ್ತು.

ಪ್ರಸ್ತುತ, ಲಭ್ಯವಿರುವ ಸರ್ಕಾರಿ ಸಿ ಮತ್ತು ಡಿ ಮತ್ತಿತರ ಜಮೀನುಗಳನ್ನು ಖಾಸಗಿ ಸಂಸ್ಥೆಗಳು ಅಥವಾ ವ್ಯಕ್ತಿಗಳಿಗೆ ಪರಿಹಾರಾತ್ಮಕ ಅರಣ್ಯೇತರಣಕ್ಕೆ ನೀಡುವುದನ್ನು ಅಥವಾ ಪ್ರಸ್ತಾಪಿಸುವುದಕ್ಕೆ ಅವಕಾಶವಿಲ್ಲ. ಆದರೆ, ಕಂದಾಯ ಇಲಾಖೆಯಿಂದ ಈ ಮೊದಲು ಪರಿಹಾರಾತ್ಮಕ ಅರಣ್ಯೇತರಣಕ್ಕೆ ಜಮೀನನ್ನು ನೀಡಿದ್ದರೂ ಸಹ, ನಂತರ ರದ್ದುಪಡಿಸಿದ ಸಂದರ್ಭಗಳಲ್ಲಿನ ಪ್ರಕರಣಗಳಿಗೆ ಇದರಿಂದ ವಿನಾಯಿತಿ ನೀಡಬಹುದಾಗಿದೆ. ಹಾಗೂ ದಿನಾಂಕ:3.12.2022 ರಂದು ಮಾನ್ಯ ಮುಖ್ಯಮಂತ್ರಿಯವರು ಹಾಗೂ ಶ್ರೀ ಪ್ರಹ್ಲಾದ್ ಜೋಷಿ, ಕೇಂದ್ರದ ಮಾನ್ಯ ಸಂಸದೀಯ ವ್ಯವಹಾರಗಳು, ಕಲ್ಲಿದ್ದಲು ಮತ್ತು ಗಣಿ ಸಚಿವರು ಇವರುಗಳೊಂದಿಗೆ ನಡೆದ ಸಭೆಯಲ್ಲಿ ಈ ವಿಷಯವನ್ನು ಪುನರ್ ಪರಿಶೀಲಿಸುವಂತೆ ನಿರ್ಣಯ ಮಾಡಲಾಗಿರುತ್ತದೆ.

ಈ ಹಿನ್ನೆಲೆಯಲ್ಲಿ, ಲಭ್ಯವಿರುವ ಸರ್ಕಾರಿ ಸಿ ಮತ್ತು ಡಿ ಮತ್ತಿತರ ಜಮೀನುಗಳನ್ನು ಖಾಸಗಿ ಸಂಸ್ಥೆಗಳು ಅಥವಾ ವ್ಯಕ್ತಿಗಳಿಗೆ ಪರಿಹಾರಾತ್ಮಕ ಅರಣ್ಯೇತರಣಕ್ಕೆ ನೀಡುವುದನ್ನು ಅಥವಾ ಪ್ರಸ್ತಾಪಿಸುವುದನ್ನು ತಡೆಹಿಡಿದಿರುವ ನೀತಿಯನ್ನು ಪುನರ್ ಪರಿಶೀಲಿಸಬೇಕಾಗಿರುತ್ತದೆ. ಈ ಸಂಬಂಧ, ರಾಜ್ಯದಲ್ಲಿ ಒಂದು ಅಥವಾ ಇತರೆ ಕಡೆಗಳಲ್ಲಿ ಸುಮಾರು 1 ಸಾವಿರ ಎಕರೆ ಅರಣ್ಯ ಜಮೀನನ್ನು ಗುರುತಿಸಿ ಪರಿಹಾರಾತ್ಮಕ ಅರಣ್ಯ ಜಮೀನು ಮಂಜೂರಾತಿಗಾಗಿ ಒಂದು ಲ್ಯಾಂಡ್ ಬ್ಯಾಂಕ್ ರಚಿಸಲು ಕ್ರಮ ತೆಗೆದುಕೊಳ್ಳಲು ಕೋರಿದೆ.

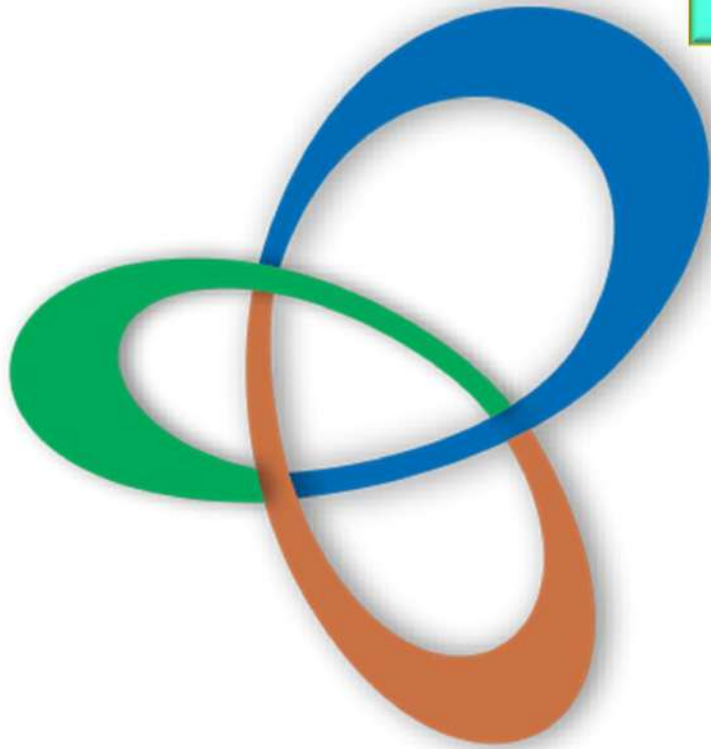
ಶುಭಾಶಯಗಳೊಂದಿಗೆ.

ತಮ್ಮ ವಿಶ್ವಾಸಿ,

(Jawaid Akhtar)
23/12/22

ಶ್ರೀ ಎನ್. ಜಯರಾಮ್, ಡಾ.ಆರ್.ಎಸ್.
ಸರ್ಕಾರದ ಕಾರ್ಯದರ್ಶಿ
ಕಂದಾಯ ಇಲಾಖೆ, ಬಹುಮಹಡಿಗಳ ಕಟ್ಟಡ
ಬೆಂಗಳೂರು.

R&R Implementation status

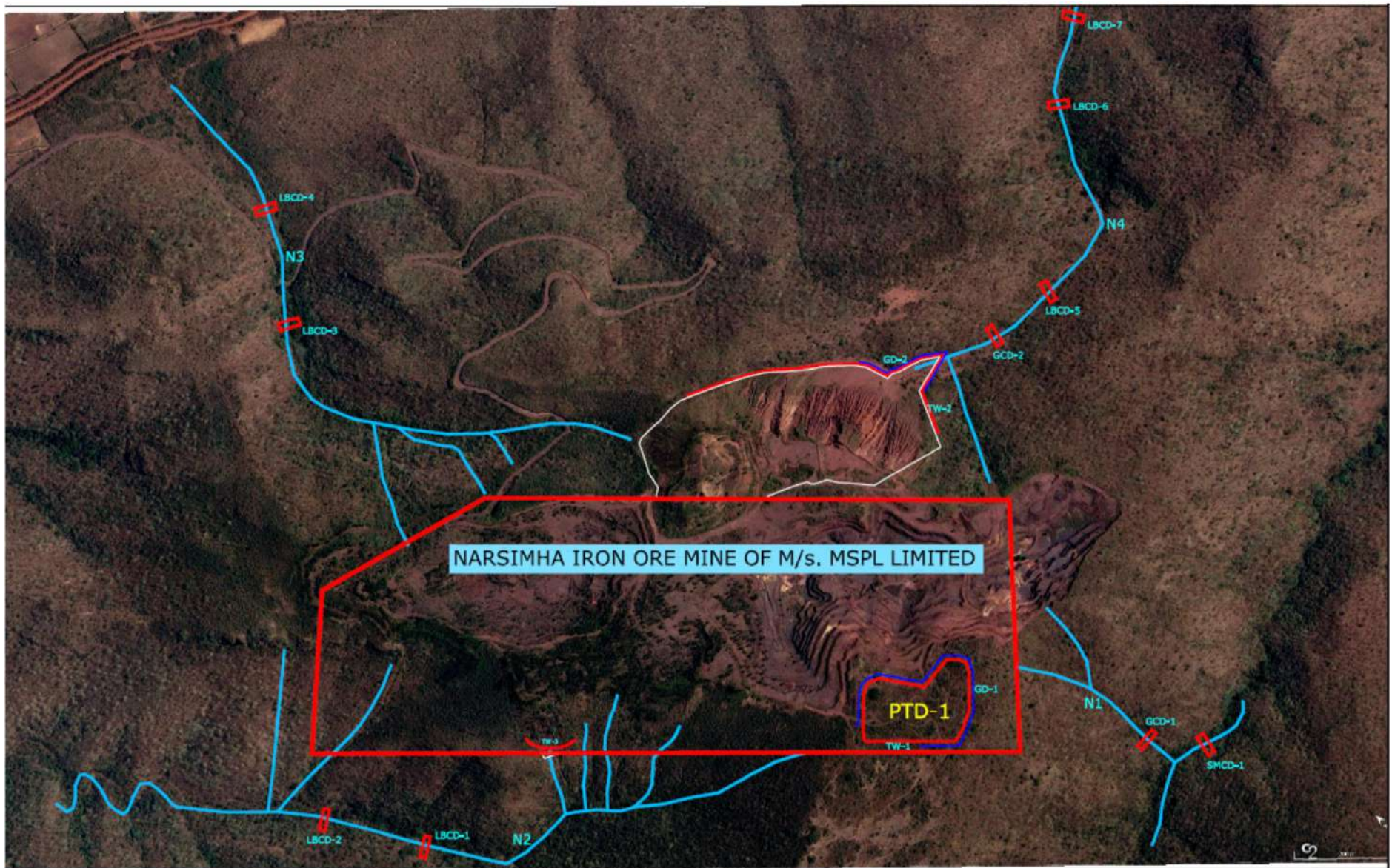


BALDOTA
WE ARE LIFE

**Narasimha Iron
Ore Mines
(ML No 2148)
of
MSPL Limited**

Location Map | R&R Works

Narasimha Iron Ore Mines
(ML No 2148) MSPL Limited



Afforestation | Encroached Pits

Narasimha Iron Ore Mines
(ML No 2148) MSPL Limited



Surface Water Management

LBCD 1

**Narasimha Iron Ore Mines
(ML No 2148) MSPL Limited**



Surface Water Management

LBCD 2

**Narasimha Iron Ore Mines
(ML No 2148) MSPL Limited**





Surface Water Management

LBCD 4

**Narasimha Iron Ore Mines
(ML No 2148) MSPL Limited**



Surface Water Management | LBCD 5

Narasimha Iron Ore Mines
(ML No 2148) MSPL Limited



Surface Water Management

LBCD 6

Narasimha Iron Ore Mines
(ML No 2148) MSPL Limited



Surface Water Management

LBCD 7

Narasimha Iron Ore Mines
(ML No 2148) MSPL Limited



Surface Water Management

GCD 1

Narasimha Iron Ore Mines
(ML No 2148) MSPL Limited



Surface Water Management

GCD 2

**Narasimha Iron Ore Mines
(ML No 2148) MSPL Limited**

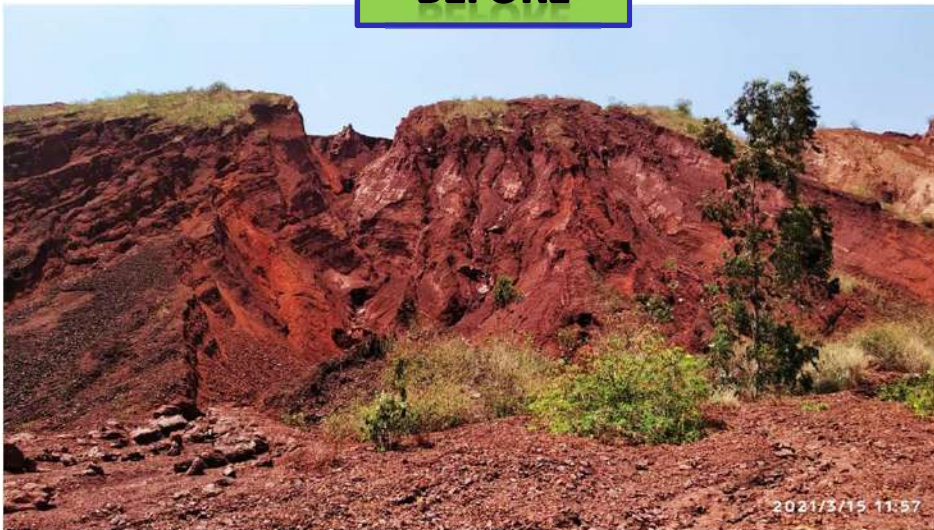


Dump Stabilization | Terracing

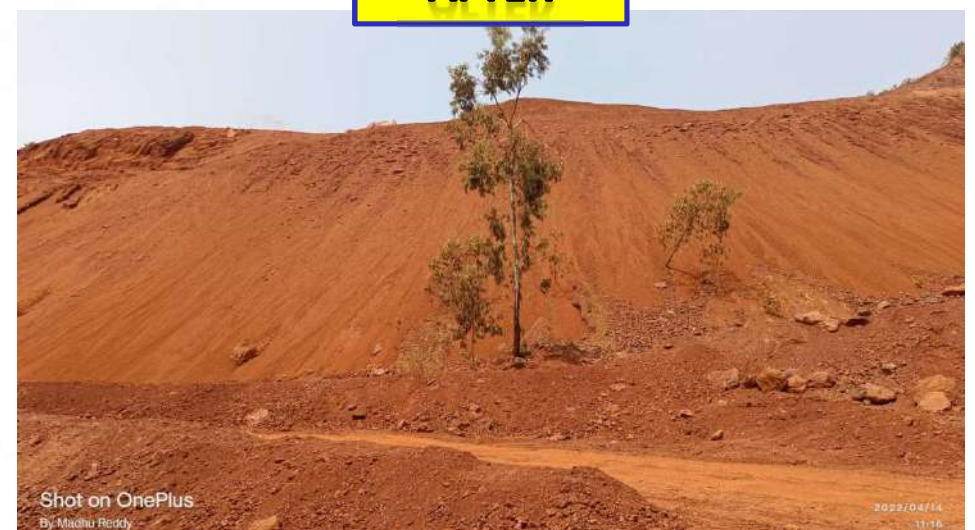
Narasimha Iron Ore Mines
(ML No 2148) MSPL Limited



BEFORE



AFTER



Dumps

Toe wall 2 & Garland Drain

**Narasimha Iron Ore Mines
(ML No 2148) MSPL Limited**



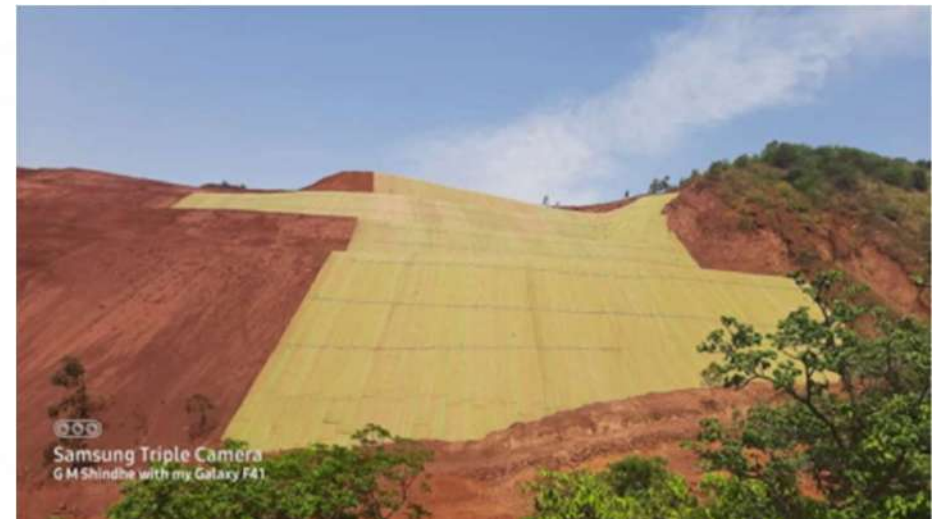
Dumps | Toe wall 3

Narasimha Iron Ore Mines
(ML No 2148) MSPL Limited



Dumps | Coir matting

Narasimha Iron Ore Mines
(ML No 2148) MSPL Limited



Dumps | Coir matting Vegetation

Narasimha Iron Ore Mines
(ML No 2148) MSPL Limited



Dumps

Logwood Check Dam(LWCD)

**Narasimha Iron Ore Mines
(ML No 2148) MSPL Limited**



Narasimha Iron Ore Mine of M/s MSPL Limited (M.L.No. 2148)

Date 15.01.2023

Afforestation Works					
S No	Location	Units	Quantity in (No's)	Completion Status	Remarks
1	Afforestation of Encroached area as per CEC	Ha	21.65	19.54	Afforestation work of remaining area is in progress
2	Greenbelt (7.5 Mtrs around the Mine Boundary)	Ha	2.57	2.57	Completed
3	Avenue Plantation on Mines Approach Road	Kms	4.6		Work will be started after FC for road is obtained
Dump Management Plan					
4	TW-1 Toewall at the toe of the proposed Dump	Mtrs	677		As it is proposed dump , work will be started after commencement of Mining Operations
	GD-1 Garland Drain	Mtrs	555		
5	TW-2 Toewall at the toe of the Dump	Mtrs	980	100%	Constructed 400.3 Mtrs in length as per field conditions existing in the area
	GD-2 Garland Drain	Mtrs	272	100%	Constructed 272 Mtrs as per field conditions existing in the area
	Coir Matting	Ha	6.0	51%	3.1 Ha work completed and remaining area in progress
6	TW-3 Toewall at the toe of the Dump	Mtrs	108	100%	129 Mtrs Completed
	Coir Matting	Ha	1.0	100%	Part of the area is already stabilised with afforestation, for remaining area stabilisation, afforestation and surface water erosion control measures are completed
7	Approach Road- Garland Drain	Mtrs	4090		Work will be started afetr FC for road is obtained
Surface Water Management					
8	Gabion Check Dam - GCD	Nos	2	100%	
9	Stone Masonary Checkdam -SMCD	Nos	1	0	Work is in progress
10	Loose Boulders Checkdam- LBCD	Nos	7	100%	7 LBCD workcompletd
11	Brushwood Checkdam -BWCD	Nos	75	48	Constructed as per existing conditions and the same will be continued as when required to control erosion
12	Logwood Checkdam -LWCD	Nos	80	47	

Table 7.2. Implementation Schedule of Mitigation/ Engineering Measures for NIOM (ML No. 2148) of M/s. MSPL Limited (erstwhile SIOM)

Type	Particulars of work	Years																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Dump & Encroached area Management																					
EID/ID	Toe wall at the toe of waste dump	✓																			
	Garland drain	✓																			
PTD	Toe wall at the toe of waste dump	✓		✓	✓																
	Garland drain	✓		✓	✓																
Encroached area as per CEC	Afforestation	✓	✓	✓	(II nd and III rd year includes gap plantation and Maintenance)																
Surface water management																					
Gully plugs	Loose Boulder check dam (dump)	✓																			
	Logwood (dump)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Brushwood (dump)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Check dams	Gabion/Wire crate check dam	✓																			
	Stone masonry check dam	✓																			
	Loose Boulder check dam	✓																			
Greenbelt development																					
Afforestation		✓	✓	(II nd and III rd year includes gap plantation and Maintenance)																	
Avenue plantation on roads		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Environmental monitoring & watch –ward		✓	✓	(Including gap plantation and Maintenance)																	
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

XXX

