छत्तीसगढ़ शासन

वन एवं जलवायु परिवर्तन विभाग मंत्रालय,

महानदी भवन, नवा रायपुर, अटल नगर

क्रमांक / एफ 5—39 / 2023 / 10—2 प्रति. नवा रायपुर, अटल नगर, दिनांक 21/05/2025

ए.आई.जी. (एफ.सी.)

भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, इंदिरा पर्यावरण भवन, जोर बाग अलीगंज रोड़ नई दिल्ली — 110003।

Proposal for seeking prior approval of the Central Government under section 2 (1) (ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 in favour of M/s NMDC-CMDC Limited for non-forestry use of 682.2722 ha (570.100 ha inside lease and 112.1722 ha outside lease) forest land for Bailadila Iron Ore Deposit-4 Mine in Dantewada Forest Division, South Bastar, Dantewada District in the State of Chhattisgarh (Proposal No. FP/CG/MIN/146694/2021).

- संदर्भः— 1. भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली का पत्र क्रमांक 8-02/2024- FC, दिनांक 30.04.2025 |
 - 2. अपर प्रधान मुख्य वन संरक्षक (भू—प्रबंध) का पत्र क्र./भू—प्रबंध/खनिज/331—305/1232, दिनांक 20.05.2025।

विषयांकित प्रकरण में भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली द्वारा संदर्भित पत्र क्र. 1 के माध्यम से अतिरिक्त जानकारी चाही गई है।

2/— उक्त जानकारी अपर प्रधान मुख्य वन संरक्षक (भू—प्रबंध) द्वारा संदर्भित पत्र क्रमांक 2, दिनांक 20.05.2025 के माध्यम से प्रेषित की गई है, जिसकी छायाप्रति समस्त संलग्नको सिहत उचित कार्यवाही हेतु संलग्न प्रेषित है। कृपया प्रकरण में प्रथम चरण की स्वीकृति जारी करने का अनुरोध है। संलग्न :— उपरोक्तानुसार (69 पृष्ठीय)।

(डी.आर.सोन्टापर) अवर सचिव

छत्तीसगढ शासन,

वन एवं जलवायु परिवर्तन विभाग नवा रायपुर, अटल नगर, दिनांक 21/05/2025

पृ.क्रमांक एफ 5—39 / 2023 / 10—2 प्रतिलिपि:—

> 1.प्रधान मुख्य वन संरक्षक (भू—प्रबंध), कार्यालय, प्रधान मुख्य वन संरक्षक एवं वन बल प्रमुख, अरण्य भवन, सेक्टर—19, नार्थ ब्लॉक, नवा रायपुर, अटल नगर, छत्तीसगढ़।

- 2.मुख्य वन संरक्षक, जगदलपुर वृत्त, जगदलपुर, छत्तीसगढ़।
- 3.वनमंडलाधिकारी दंतेवाडा वनमंडल, छत्तीसगढ़।
- 4.मुख्य कार्यपालन अधिकारी,एन.एम.डी.सी.—सी.एम.डी.सी., ग्रीन वेली सिटी, हाऊसिंग बोर्ड कालोनी, बोरियाकला, सेजबहार, रायपुर, छत्तीसगढ़।

की ओर सूचनार्थ अग्रेषित।

अवर सचिव छत्तीसगढ शासन, वन एवं जलवायु परिवर्तन विभाग

पंजी क्रमांक. /059 /201/10-2/वन दिनांक. 24/5/ 2028

कार्यालय प्रधान मुख्य वन संरक्षक एवं वन बल प्रमुख, छत्तीसगढ़ अरण्य भवन, सेक्टर-19, नार्थ ब्लॉक, कैपिटल काम्पलेक्स, नवा रायपुर, अटल नगर-492002 (प्रधान मुख्य वन संरक्षक - भू-प्रबंध)

दूरभाषः 0771 — 2512840

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क्र./भू-प्रबंध/खनिज/331-305/12-37

नवा रायपुर, दिनांक 20/05/2025

प्रति,

अपर मुख्य सचिव छत्तीसगढ़ शासन, वन एवं जलवायु परिवर्तन विभाग मंत्रालय, महानदी भवन नवा रायपुर, अटल नगर 87 calor 1 21/5/2025

विषय:-

Proposal for seeking prior approval of the Central Government under Section 2 (1) (ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 in favour of M/s NMDC-CMDC Limited for non-forestry use of 682.2722 ha. (570.100 ha. inside lease and 112.1722 ha. outside lease) forest land for Bailadila Iron Ore Deposit-4 Mine in Dantewada Forest Division, South Bastar, Dantewada District in the State of Chhattisgarh-reg.

संदर्भ:- 1

- भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय नई दिल्ली का पत्र क्रमांक/8-02/ 2024-FC दिनांक 30-04-2025
- मुख्य वन संरक्षक, जगदलपुर वृत्त का पत्र क्रमांक/ वतअ/ 1536 दिनांक 14.05.2025

विषयांतर्गत संदर्भित पत्रों का अवलोकन करने का कष्ट करें। संदर्भित पत्र-1 के माध्यम से प्रकरण में प्रथम चरण स्वीकृति हेतु प्रेषित प्रस्ताव पर भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली के पत्र दिनांक 30.04.2025 द्वारा 06 बिन्दुओं की अतिरिक्त जानकारी चाही गई है।

उक्त के अनुक्रम में संदर्भित पत्र—2 के माध्यम से मुख्य वन संरक्षक, जगदलपुर वृत्त द्वारा 06 बिन्दुओं की अतिरिक्त जानकारी अनुशंसा सहित इस कार्यालय को प्रेषित की गई है, जो निम्नानुसार है:—

 The State Govt. shall give a detailed point wise justification addressing the concerns raised by the Committee headed by ADGF(FC) based upon which the Advisory Committee in its meeting held on 28.02.2017 decided not to recommend the proposal.

The point wise reply to the concerns raised by the committee headed by ADGF (FC) is given below:

1	S. Deliberations S. of the Subcommittee Action Taken in the present proposal of NMDC- (In the same context)							
21/5	gr.	Currently, the NMDC has 9 mining leases granted in their	are 1	ocated in K	irandul	complex and 2 Mining	Leases granted to NMDet-14, Deposit-14 NMZ an Leases (Deposit-5 and D	
		favour and out of total 9 mining leases, 6 mining leases 3 in	* * * * * *	above leases	s have a		ases are operational. roduction capacity (EC+C) d below - Production capacity	
		total 9 mining leases, 6 mining leases 3 in Kirandul and 3 in	* * * * * *	above leases	s have a	a cumulative approved p 4-2025 which is furnishe Mine	ases are operational. roduction capacity (EC+C d below - Production capacity (MTPA) (EC+CTO)	
		total 9 mining leases, 6 mining leases 3 in Kirandul and 3 in Bacheli are	* * * * * *	above leases	s have a n 01-04 S.no	a cumulative approved p 4-2025 which is furnishe Mine BIOM Dep-5	ases are operational. roduction capacity (EC+C) d below - Production capacity (MTPA) (EC+CTO) 10.00	
		total 9 mining leases, 6 mining leases 3 in Kirandul and 3 in Bacheli are currently	* * * * * *	above leases	s have a n 01-04 S.no	a cumulative approved p 4-2025 which is furnishe Mine BIOM Dep-5 BIOM Dep-10	ases are operational. roduction capacity (EC+C d below - Production capacity (MTPA) (EC+CTO)	
		total 9 mining leases, 6 mining leases 3 in Kirandul and 3 in Bacheli are currently operational All	* * * * * *	above leases	s have a n 01-04 S.no 1 2 3	a cumulative approved p 4-2025 which is furnishe Mine BIOM Dep-5 BIOM Dep-10 BIOM Dep-11ML	ases are operational. roduction capacity (EC+C) d below - Production capacity (MTPA) (EC+CTO) 10.00	
		total 9 mining leases, 6 mining leases 3 in Kirandul and 3 in Bacheli are currently	* * * * * *	above leases	s have a n 01-04 S.no	a cumulative approved p 4-2025 which is furnishe Mine BIOM Dep-5 BIOM Dep-10	ases are operational. roduction capacity (EC+C) d below - Production capacity (MTPA) (EC+CTO) 10.00 6.00	

approved production capacity of 36 MTPA and so far, the NMDC could attain a maximum production level of approximately 23 MTPA.

Bailadila Sector 37.80

- In FY: 23-24, NMDC achieved a total production of 32.36 MT (30.82 MT of ROM + de-silted slimes) which is around 85% of total production capacity from Bailadila Sector.
- ➤ In FY: 24-25, NMDC achieved a total production of 29.98 MT (28.58 MT of ROM + de-silted slimes) from Bailadila Sector. Decrease in the ROM production was due to stoppage of production for 40 days owing to Industrial Relation (IR). The production for FY 2024-25 otherwise would have reached to about 90% of total production capacity. Now these issues have been resolved and production is in an increasing trend.

For FY: 25-26, NMDC Ltd. has set a production target of 37.80 MT from Bailadila and is committed to achieve 100% of the production Capacity thereby.

- As a responsible Mining Organization, NMDC Ltd. had invested heavily in continuous exploration at deeper levels in all its existing Mining Leases since beginning. These efforts of NMDC Ltd. have added additional Iron Ore Reserves in its Mining Leases in Bailadila Sector and resulted in the sustained ROM Iron Ore production for more than five decades.
- However, post the year 2020, Mineable Iron Ore reserves have not increased much. Same is reflected from the following table –

Iron Ore		2020			%		
Deposit	Reserve s	Remaining Resources	Total Resource	Reserv	Remainin g Resources	Total Resourc	Increa se
Deposit-14	404.44	120.61	525.05	414.64	95.15	509.79	-2.91
Deposit-14 NMZ	227.40	78.61	306.01	195.83	81.00	276.83	-9.54
Deposit-11 ML	345.84	221.09	566.94	349.51	207.52	557.03	-1.75
Deposit-5	280.85	176.99	457.84	371.48	187.19	558.67	22.02
Deposit-10	203.99	99.47	303.46	266.31	90.62	356.93	17.62
Total	1462.52	696.77	2159.29	1597.77	661.48	2259.25	4.63%

In view of the above proven reserves and keeping in view the National Steel Policy 2017, NMDC has set a target of increasing the iron ore production up to 86.00 million tons from Bailadila sector in which 58.00 million tons is from NMDC Mines and 28.00 million tons is from NMDC-CMDC Ltd (NCL) Mines. The proposed production plan of NMDC Mines from Bailadila Sector by 2030 is given below -

S.No.	NMDC Mines	Proposed Production Plan FY- 2030 (in MTPA)	
1	BIOM Dep-5	15.00	
2	BIOM Dep-10	10.00	
3	BIOM Dep-11ML	14.50	
4	BIOM Dep-14	10.00*	
5	BIOM Dep-14NMZ	8.50*	
	Total	58.00	
S.No.	NMDC -CMDC Mines	Proposed Production Plan FY- 2030 (in MTPA)	
l	Deposit 4	7	
2	Deposit 13	21	
	Total	28	
Grand To	tal (NMDC & NMDC-CMDC)	86	

*NMDC obtained EC for capacity expansion of Deposit-14 mines from 5 to 10 MTPA on 20/2/2025 and for Deposit-14 NMZ from 5.5 to 8.5 MTPA on 17/2/2025 from MOEFCC. NMDC has already issued work order for construction of new Crushing Plants in Deposit-14 and Deposit-14 NMZ Mining Lease. However, the increase in production will be achieved after construction and commissioning of new Crushing Plants inside lease which will take minimum of 3 years' time.

- The life of mines of NMDC's Bailadila Mines as per present reserves and proposed capacity of iron ore mines comes only around 28 years (1597 million tons / 58 MTPA)
- To address the balance shortfall of 28 million tons in Bailadila, the development of greenfield projects such as Deposit-13 and Deposit-4 by NMDC-CMDC Limited, already explored by NMDC-becomes essential.
- As per JV agreement with NMDC and CMDC Limited, the first preference for supply

Past trend estimated reserves in the existing mining leases of NMDC revealed substantial increase in the mineral reserve base which is most likely to increase further in future. Currently, the NMDC has reserves (excluding the reserves of Deposit-13 and Deposit-4) almost 2 times of the Reserves estimated initially at the time of commencement

mining

deep

base

operations. These reserves are likely to increase with

probable) appears to be sufficient to sustain the iron ore requirement in near future.

further

reserve

(proven

exploratory drilling. Mineral

3.			meeting these requirem	e Pellet / Steel Pla	ould be supplied to Nagarnar Steel Plant, ne el Limited. The second preference is to supp ants. In case, any excess ore is available aft
4.	The area covered under Deposit-4 has rich forests, except in rock exposed areas, with average density 0.8 or more. Opening of such forest rich area may have adverse impact on the ecological regime of the area.	A	As per State Forest re range of 0.2 to 0.6. Having cognizance to Ltd. has got Biodivers Plan got approved by Raipur dated 21.08.202 Wildlife Conservation vide Order No./V.PRA. Budget Rs.19.98 Cr.). Towards implementation 91.21 crores under capalso proposed. Further, Ecological Stuthas been conducted by Moreover, mining will	intact ecological ity Conservation P Biodiversity Boar 3 (Approved Budg & Management F Prabandha-637/25 on of the Environment o	balance especially tree fern, NMDC-CMD lan and Soil, Water & Moisture Conservation of Chhattisgarh vide order no./Jai.V.Bo/later Rs.31 Cr.). Clan got approved by Chief Wildlife Warder 3 Nava Raipur, dated 25.09.2023. (Approvemental Management Plan, an amount of Recurring cost of Rs. 5.21 crores per annum in
the second of th	need to assess the ecologically sustainable production level in the area. So far, there is no such paseline study vailable for the egion to suggest the cap of maximum roduction which can be harnessed from the area. Therefore, before pening new area study to assess e maximum	Thus perm till (ascerin a la with Gove iron (comprises 14 major iro NMDC is the only min and 14 NMZ spread over successfully auctioned. Additionally, Deposits 3 The Maximum Product reserves, annual product reserves, annual product mechanized loading & capacities up-to the endissible production level complete exploration retained for the remaining the proposed study at the	ing company oper an area of 25.53 Bailadila Iron Ore and 8 are likely to ion Level is direction capacity through transportation and user Plants. e., the proposed before the entire Bail and determination and determination and determination before the entire Bail and determination before the instant paths stage. The structure of the stage on the development of the entire Mail on 03.05.2017 and steel-making - 480 million to its and same will necessary to 100 m ion with the Nation capacity to 100 m ion and remaining sent 45 MT to 1 in the entire of the country of the challenging poly of Iron Ore regiget as envisaged and inforcement of the country of the challenging get as envisaged and inforcement of the country of the challenging get as envisaged and inforcement of the country of the challenging get as envisaged and inforcement of the country of the challenging get as envisaged and inforcement of the country of the challenging get as envisaged and inforcement of the country of the challenging get as envisaged and inforcement of the country of the challenging get as envisaged and inforcement of the country of the challenging get as envisaged and inforcement of the country of the challenging get as envisaged and the country of the coun	rom north to south for a distance of 40 Km mbered from 1 to 14. Since 1968 till date ating in this region at Deposit-5, 10, 11, 11 sq. km. Recently, the State Government hat Deposits 1A, 1B, and 1C in March 2025 be granted in the near future. Ity linked to availability of total mineable up mechanized way, stockpiling capacities sufficient environment friendly evacuation asseline study to determine the maximum adila Mountain Range may not be feasible on of projected production capacity is auctioned / to be auctioned / to be granted) proposal of Deposit-4 should not be linked dry may be suitably undertaken by the State present and progress of all other upcoming linister, has given its approval for National The New Steel Policy, 2017 aspires to capacity by 2030. This will necessitate mes of iron ore annually. Further, in the did that there will be a domestic demand of sistate requirement of about 750 – 800 MT and Steel Policy-2017, NMDC has planned illion tons by 2030, which includes 58 MT DC-CMDC Ltd Mines (i.e., Deposit-4 and a from the Karnataka Mines. NMDC's compact of the cry (from the existing 274 MT to 450 MT).
pr wl su	stained	S. No	Mode of Iron Ore Transportation	Planned Capacity	Remarks
wi	ologically thout mpering the	l	Rail	(In MTPA)	NMDC has funded Rs.1550 Cr for

be conducted in				
the Bailadila Mountain Range.				Jagdalpur to Ambagaon for 25 km stretch, covering a total distance of 175 km for Iron Ore transportation which will enhance the capacity of railway line up to 60 MTPA.
	2	Road	~5	Chhattianach D. J.
	3	Slurry Pipe Line	8	Chhattisgarh Parties
		(AMNS)		Presently operated by AMNS. After completion of Sl.No.4 shall be used by NMDC for transportation of its Iron Ore as per MoU signed on 25.03.2025.
	4	Slurry Pipe Line (AMNS)	14	To be constructed by AMNS. MoU already signed by NMDC with AMNS on 25.03.2025 for supply of Iron Ore through this Slurry Pipeline for their upcoming ISP at Anakapalle district, Andhra Pradesh.
	5	Slurry Pipe Line NMDC	15	A 15 MTPA Slurry pipeline from Bacheli to Jagdalpur, Beneficiation Plant at Bacheli including a 2 MTPA Pellet Plant at Nagarnar are under construction.
	ratellis.	Total	~ 102	
Manager Committee of the Committee of th	Law William Co.	The state of the s		

From the above it can be summarised that about 43% of the total planned Iron Ore Production has been planned for evacuation through Slurry Pipe line which is the most eco-friendly mode of transportation and majority of the remaining quantity will be evacuated through Rail.

An abstract of expenditure planned (in Rs. Crores) earmarked by NMDC Limited on proposed infrastructures for Bailadila area a

S. No.	Description	Kirandul	Bacheli	NCL (Dep-13 & Dep-4)	Nagarnar (N)	
1	Production Infra	680.00	15052.50	15750.00	Vizag (V)	
2	Rail Evacuation Infra	317.60	4383.20	13730.00	•	
3	Doubling of KK Line and Jagdalpur to Rowghat line	1	1736			
4	Slurry Pipeline	2441.00	323.00			
5	Township Infra	923.26	1815.00	1000.00	15295.00	
	Sub-Total	4361.86		1000.00		
NO CE	Grand-Total			16750 16.56	15295	

NMDC has signed an MoU with DFO, Dantewada for implementation of R&R / EMP works at its production units viz. Kirandul complex (on 01.02.21) with outlay off Rs.1,615.00 lakhs and Bacheli Complex (on 09.03.24) Rs. 1,021.42 lakhs.

R&R Works suggested by M/s ICFRE, Dehradun in the Environmental Management and Reclamation & Rehabilitation Plan for Kirandul Complex and Bacheli Complex of the NMDC Limited are under implementation stage.

Environmental protection and ecological restoration work include plantation in and around the lease areas, construction and repair of buttress walls, check dams, check bunds, garland drains, rainwater harvesting pits, broadcasting of grass seeds and laying of geo-coir matting on the inactive waste dumping sites are being implemented.

Water Audit is conducted at regular intervals at all projects of NMDC and recommendations of audit are being implemented to conserve water and to improve the efficiency of motors / pumps, arrest leakages, etc.

> Environmental pollution control works are undertaken such as de-silting of check dams / check bunds, tailing dams, construction of buttress walls at toe of waste dumps and geo-coir matting for stabilization of waste rock dumps.

Around 96 nos. wells are being monitored at NMDC for underground water level and quality analysis in all 4-seasons of the year.

Studies have revealed that there has been an increasing trend in the ground water due to hydraulic loading by the existing check dams and check bunds. Limited usage of

The Committee also observed that with advancement of mining operation in Deposit-10 and Deposit - 4 (if considered for approval), the microclimate supporting the Tree Fern will likely to be destroyed which may cause the loss of Tree Ferns Species Therefore. in order to maintain the microclimate of the enough to support the Tree Fern habitat, catchment area falling in the mining lease should be enriched to ensure development of water resources. However, mining and development of water resources are inversely related and cannot go hand in hand. Therefore, giving due consideration to the unique 'Tree ferns species found in the area, special conservation, protection development measures for "tree ferns' species should be implemented in the area after conducting scientific study in

ground water and continuous recharge has also helped in the process.

NMDC has set-up Sewage Treatment Plant (STP) with advanced treatment technology (Sequential Batch Reactor) at Bacheli (2 MLD) and Kirandul (3 MLD) for treatment of domestic waste water. The treated water is reused for green belt development.

In Bailadila, around 10 Lakh trees have been planted in and around leases of NMDC Limited. NMDC is actively contributing funds to Government of Chhattisgarh for its flagship programme "Hariyar Chhattisgarh" for undertaking roadside tree plantation in the state by CGRVVN Limited.

NMDC also supports natural habitation and wild life protection by implementing biodiversity conservation plan through State Forest Dept to maintain the ecological balance of the area.

As suggested by the MoEF&CC, the Chhattisgarh Forest Department has awarded the work of "Study of Bailadila Iron Ore Deposit-4 Mine of NMDC-CMDC Limited for ascertaining the safe distance from the existing Tree Fern habitat for carrying out Mining Activities and infrastructure development" to ICFRE – Dehradun (Autonomous Organization of MoEF&CC). Team of scientists from ICFRE have visited the site and submitted its report in December-2024. As per the ICFRE report following are the important observations -

The primary Tree fern species recorded during the present study namely Cyathea gigantea and Cyathea spinulosa inhabiting the Galli Nalla are not enlisted under the Red List of Plant Species published by Botanical Survey of India (BSI). Moreover, these species are also not currently enlisted in the IUCN Red List.

In Central India, Singh and Sahu (2015) has reported two most common Indian species of Trees ferns from Madhya Pradesh viz Cyathea gigantea and Cyathea spinulosa which were also present in Galli Nalla in Deposit-4 Iron Ore Mine. Thus, it is a common Indian species of tree fern.

ICFRE Dehradun has recommended the deciding factor for determining the safe distance from bank of Galli Nalla towards its west i.e. to the eastern slope of western ridge (Deposit-4) which works out to be 150 meters. Similarly, 'Spore Dispersal Distance' is the deciding factor for deriving the Safe Distance from bank of Galli Nalla towards its east i.e. to the western slope of eastern ridge (Deposit-10) which works out to be 191 meters.

✓ The following measures as suggested by ICFRE will be strictly implemented by NCL.

 The float ore mining will not be undertaken on the eastern slope of the western ridge of Deposit-4 / western slope of Galli Nalla.

 No mine waste dumping will be done on the eastern slope of the western ridge (Deposit-4) as wash-offs from dumps will add to siltation in Galli Nalla that will adversely affect Tree Fern habitat.

The safe distances suggested by ICFRE shall be adhered by NCL.

 No loose stacking of minerals be made on the eastern slope of the western ridge of Deposit-4 / western slope of Galli Nalla.

NCL will undertake detailed "Impact Assessment Study of Mine Progression on Galli Nalla Ecosystem" by any reputed third-party organization regularly and implement the recommendations from the start of operations.

The Mining Lease area has already been reduced from 646.596 Ha to 570.100 Ha after excluding Tree fern area from forest diversion.

➤ The Water Resource Department, Government of Chhattisgarh, Naya Raipur vide memo no: F/2-1/31/s-2/2025 dated 11/4/2025 has submitted that "as of now the preventive / mitigation measures suggested by ICFRE to protect the Galli nalla flowing near to Bailadila Iron ore Deposit-4 is just sufficient and need not require any further addition at this moment".

the area and if needed, the area of mining lease

	may be further reduced to sustain the functions of microclimate.	
6.	Removal of iron ore from the top of the hill will slowly reduce the height of the hill and the altitude will be reduced from 1200 meters to 600 meters, thereby exposing the habitat of the endangered Tree Fern species and will adversely affect their habitat making it unsuitable for survival. Also, the dust and other debris will add to the woes of the Tree Ferns.	 In initial years, North Block of the Deposit-4 will be mined. After, completing the North Block of the Deposit, South Block will be opened up. Northern Block will be backfilled with the mine waste generated from the South Block, and the South Block will be reclaimed by forming a water reservoir. Final shape of the benches will be in form of two Pits closed on eastern side i.e. Galli Nala Side. Thus, no dust or debris will go on eastern direction of the Pits thus formed. As per recommendations of the ICFRE – Dehradun, at every point Mine workings will be more than 150 m away from the Galli Nala. Also, NCL will restrict the initial mining operations to at least 5m above the Galli Nalla bed across the strike of the deposit in the North Block. Further, on reaching the bench level in the North Pit to the corresponding levels of the Galli Nalla, the impact of mining operations on Galli Nalla will be monitored periodically on various environmental parameters like particularly for seepage of water etc. Based on the results, further deepening of the mining activity will be planned. As per approved Mining Plan bottom benches will not go below 996 MRL. Also, after top few benches exploitation of Iron Ore will be skewed on the Western Slope of the Bailadila iron Ore Deposit-4.
7. 2. ·	The area is dominated by the pristine forests with average density of 0.8	As per State Forest record, the density of Deposit-4 reserve forest area is in the range of 0.2 to 0.6.

2. The State Govt. shall examine and inform whether existing mines are working on the peak capacity levels or otherwise. The authentic data of production of iron ore from the Bailadila region shall be submitted in this regard. In case, the peak capacity of the existing mines is not being utilized, the justification for the instant proposal shall be re-examined and submitted accordingly.

The existing Mines of NMDC are progressing to reach peak production capacity. Earlier, there were some constraints like evacuation of iron ore through single railway line (now, doubling of railway line has been completed in 153 Km against 175 Km) and disturbance by LWE activities etc. The details of iron ore production from NMDC mines at Bailadila are given below -

S. No.	Name of the Mining Lease	EC & CTO capacity (MTPA)	ROM Production FY 23-24	ROM Production FY 24-25
1	Deposit-5	10.00	(MT)	(MT)
2	Deposit-10	06.00	9.33	8.38
3	Deposit-11ML		5.41	5.74
4	Deposit-14	11.30	7.72	6.88
5		5.00	3.06	2.89
5 Deposit-14NMZ Total		5.50	5.29	4.68
		37.80	30.82	28.58

In FY: 23-24, NMDC achieved a total production of 32.36 MT (30.82 MT of ROM + de-silted slimes) which is around 85% of total production capacity from Bailadila Sector. In FY: 24-25, NMDC achieved a total production of 29.98 MT (28.58 MT of ROM + de-silted slimes) from Bailadila Sector. Decrease in the ROM production was due to stoppage of production for 40 days owing to Industrial Relation (IR). The production for FY 2024-25 otherwise would have reached to about 90% of total production capacity. Now these issues have been resolved and production is in an increasing trend.

For FY: 25-26, NMDC Ltd. has set a production target of 37.80 MT from Bailadila and is committed to achieve 100% of the production Capacity thereby. The authentic data of ROM production of Iron ore from the Bailadila region is given at Annexure-1.

As stated above, NMDC is going to achieve the Peak Capacity in present Financial Year.

Justification for opening of Deposit-4:

- > The Union Cabinet chaired by the Prime Minister has given its approval for National Steel Policy (NSP) -2017 on 03.05.2017. The New Steel Policy, 2017 aspires to achieve 300 MT of crude steel-making capacity by 2030. This will necessitate production of about 450 - 480 million tonnes of iron ore annually. Further, in the projected scenario for FY47, it is anticipated that there will be a domestic demand of ~500 MT of Crude Steel and same will necessitate requirement of about 750 - 800 MT of the Iron Ore
- > As per its vision plan in line with the National Steel Policy-2017, NMDC has planned to increase its production capacity to 100 million tons by 2030, which includes 58 MT from NMDC Mines and 28 MT from NMDC-CMDC Ltd. Mines (Deposit-4 and 13) from Bailadila Sector and remaining from the Karnataka Mines NMDC's expansion plan from present 45 MT to 100 MT shall cater to about 30% of the additional Iron Ore requirement of the country (from the existing 274 MT to 450 MT) by 2030. However, in spite of the challenging growth plan of NMDC, there shall be a substantial short fall in supply of Iron
- > Opening of green field Mines which are already fully explored by NMDC like Deposit-13 and Deposit-4 becomes imperative apart from capacity expansion of brown field mines of NMDC for fully utilizing the enhanced evacuation infrastructure to cater the ever-increasing demand of iron ore from Bailadila sector
- > Development of Bailadila Iron Ore Deposit-4 was conceptualized many years back in view of the upcoming Steel Plant at Nagarnar - Jagdalpur, C.G. Deposit-4 had been planned as preferred supplier of the Iron Ore for the Nagarnar Steel Plant. The Nagarnar Steel Plant, with a capacity of 3 MTPA and an investment of ₹24,000 crore, became operational in 2023. In the absence of production from Deposit-4, the plant is compelled to source iron ore from other Bailadila mines operated by NMDC Ltd. This diversion of high-grade iron ore reduces its availability not only for sponge iron producers in Chhattisgarh but also for major steel manufacturers outside the state.
- > NMDC Ltd. is the leading commercial producer of iron ore in the country's non-captive segment. The scheduled closure of several captive iron ore mining leases in 2030 could significantly impact India's steel industry, potentially causing supply disruptions and escalating production costs. As these leases expire, the immediate availability of iron ore—a critical raw material for steel production—may decline, leading to higher steel prices and adversely affecting the nation's infrastructure development goals. Therefore, expanding the capacity of existing iron ore mining leases and opening new leases, particularly by NMDC Ltd., is essential to mitigate the anticipated impact of these closures.
- > Necessity for opening of Bailadila Iron Ore Deposit-4 can be summarized as -
 - 1. Meeting the Iron Ore demand as envisaged by National Steel Policy;
 - 2. Iron Ore from Bailadila region is preferred choice amongst Steel Makers as it reduces requirement of other raw material like - Coal, Limestone and Dolomite etc. which in turn lessen the adverse impact on environment at the site of the end-users;
 - 3. To mitigate the anticipated impact of closure of Captive Iron Ore Mining leases in 2030;
 - 4. Sustainable supply of iron ore to Nagarnar Steel Plant and Chattisgarh State Pellet & Steel Plants from Bailadila Iron Ore Deposit-4 as per the JV agreement between NMDC and CMDC Limited.
- 3. An ecological study to assess the maximum permissible production level which can be sustained ecologically shall be undertaken in the Bailadila Hills by the State Government and report be submitted for further decision on the matter.
- > The Bailadila Mountain Range, trending from north to south for a distance of 40 Km, comprises 14 major iron ore deposits numbered from 1 to 14. Since 1968 till date, NMDC is the only mining company operating in this region at Deposit-5, 10, 11, 14 and 14 NMZ spread over an area of 25.53 sq. km. Recently, the State Government has successfully auctioned Bailadila Iron Ore Deposits 1A, 1B, and 1C in March 2025. Additionally, Deposits 3 and 8 are likely to be granted in the near future.
- > The Maximum Production Level is directly linked to availability of total mineable reserves, annual production capacity through mechanized way, stockpiling capacities, mechanized loading & transportation and sufficient environment friendly evacuation capacities up-to the end-user Plants.

Thus, in view of the above, the proposed ecological study to determine the maximum permissible production level for the entire Bailadila Mountain Range may not be feasible till complete exploration and determination of projected production capacity is ascertained for the remaining Deposits (newly auctioned / to be auctioned / to be granted) in a holistic manner. Accordingly, the instant proposal of Deposit-4 should not be linked with the proposed study at this stage. The study may be suitably undertaken by the State Government in the future, based on the development and progress of all other upcoming iron ore mines in the Bailadila Mountain Range.

- ➤ The Union Cabinet chaired by the Prime Minister has given its approval for National Steel Policy (NSP) 2017 on 03.05.2017. The New Steel Policy, 2017 aspires to achieve 300 MT of crude steel-making capacity by 2030. This will necessitate production of about 450 480 million tonnes of iron ore annually. Further, in the projected scenario for FY47, it is anticipated that there will be a domestic demand of ~500 MT of Crude Steel and same will necessitate requirement of about 750 800 MT of the Iron Ore annually.
- As per its vision plan in line with the National Steel Policy-2017, NMDC has planned to increase its production capacity to 100 million tons by 2030, which includes 58 MT from NMDC Mines and 28 MT from NMDC-CMDC Ltd. Mines (Deposit-4 and 13) from Bailadila Sector and remaining from the Karnataka Mines. NMDC's expansion plan from present 45 MT to 100 MT shall cater to about 30% of the additional Iron Ore requirement by 2030. However, in spite of the challenging growth plan of NMDC, there shall be a substantial short fall in supply of Iron Ore required by 2047.
- NMDC has already invested in creating sufficient infrastructural facilities for processing and evacuation of Iron Ore. The details of existing / proposed evacuation modes are furnished below.

S. No	Mode of Iron Ore Transportation	Planned Capacity (In MTPA)	Remarks
1	Rail	60	NMDC has funded Rs.1550 Cr for doubling of KK line between Kirandul to Jagdalpur for 150 km stretch and Rs.186 Cr between Jagdalpur to Ambagaon for 25 km stretch, covering a total distance of 175 km for Iron Ore transportation which will enhance the capacity of railway line up to 60 MTPA.
2	Road	~5	Chhattisgarh Parties
3	Slurry Pipe Line (AMNS)	8	Presently operated by AMNS. After completion of Sl.No.4 shall be used by NMDC for transportation of its Iron Ore as per MoU signed on 25.03.2025.
4	Slurry Pipe Line (AMNS)	14	To be constructed by AMNS. MoU already signed by NMDC with AMNS on 25.03.2025 for supply of Iron Ore through this Slurry Pipeline for their upcoming ISP at Anakapalle district, Andhra Pradesh.
5	Slurry Pipe Line NMDC	15	A 15 MTPA Slurry pipeline from Bacheli to Jagdalpur, Beneficiation Plant at Bacheli including a 2 MTPA Pellet Plant at Nagarnar are under construction.
	Total	~ 102	

From the above it can be summarised that about 43% of the Iron Ore Production shall be evacuated through Slurry Pipe line which is most eco-friendly mode of transportation. Out of the remaining quantity maximum will be handled through Rail.

An abstract of expenditure planned (in Rs. Crores) by NMDC Limited on proposed infrastructures for Bailadila area are given below –

S. No.	Description	Kirandul	Bacheli	NCL (Dep-13 & Dep-4)	Nagarnar (N) & Vizag (V)	
1	Production Infra	680.00	15052.50	15750.00		
2	Rail Evacuation Infra	317.60	4383.20	13/30.00		

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	Grand-Lotal		5971	6.56	
	Grand-Total	4361.86	21573.7	16750	15295
	Sub-Total			1000.00	
5	Township Infra	923.26	1815.00	. 1000.00	15295.00
4	Slurry Pipeline	2441.00	323.00		15205.00
3	Doubling of KK Line and Jagdalpur to Rowghat line	17	36		

4. As per DSS analysis, 235 Ha DFL proposed for Compensatory Afforestation has been found to be Medium Dense Forest (MDF). In this regard, the state shall provide suitable area for compensatory afforestation as per applicable guidelines.

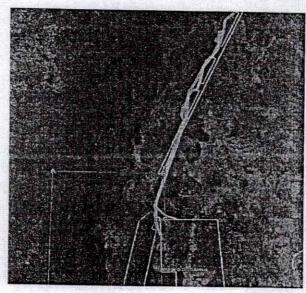
उपरोक्त के संबंध में वन मंडलाधिकारी, मरवाही वन मंडल, पेण्ड्रारोड़ द्वारा विषयांकित प्रकरण के एवज में क्षितिपूर्ति वृक्षारोपण हेतु चयनित क्षेत्र का स्थल निरीक्षण किया जाकर प्रतिवेदन मय आवश्यक अभिलेख सहित प्रेषित किया गया है जो परिशिष्ठ — 1 पर दर्शित है। प्रतिवेदन अनुसार चयनित क्षितिपूर्ति वृक्षारोपण क्षेत्र का घनत्व 0.4 से 0.5 तक है।

The tree fern area has not been included in the diversion proposal. In this regard, justification for not excluding the said area from the mining lease shall be submitted.

Though, Letter of Intent for the Mining Lease of Deposit-4 has been issued for an area of 646.596 Ha, however, an area of 76.4960 Ha has been excluded from the Mining Lease while applying for the Forest Land diversion. This has been done for purpose of "Tree Fern conservation". It may be noted here that Grant Order for the Mining Lease by the State Government will be issued only for that area for which Forest Clearance will be available i.e. in the instant case only for 570.100 Ha. Accordingly, Mining Lease for Bailadila Iron Ore Deposit-4 will be executed and registered over an area of 570.100 Ha only.

Part of the area included in the earlier diversion proposals is overlapping with the instant project.
The details of the said area and the components for which it is being used and its proposed future land use shall be provided.

For the purpose of Pump-House and Water Pipe line over an area of 4.68 Ha, Forest Clearance Vide Order No. 8B/16/2002-FCW/678, dated- 14.03.2002 had been obtained by the NMDC Ltd. An area of 2.452 Ha out of the old FC obtained by the NMDC Ltd. is overlapping with the present Forest Diversion proposal of the Bailadila Iron Ore Deposit-4 of the NMDC-CMDC Ltd. Copy of the said FC is enclosed as <u>Annexure-2</u>. This Pump House and Water Pipe Line along-with supporting Electricity Line were constructed for the purpose of the Deposit-10 of the NMDC Ltd. The same is shown in Pink Colour in the below shown Map.



Somewhere in the year 2008 Naxals had blown up this Pump House and part of the water pipe line. Since, then this infrastructure is not in use by NMDC Ltd. However, part of the Pump-House facility has been planned to be used for the purpose of Bailadila Iron Ore Deposit-4 of the NMDC-CMDC Ltd.

अतः संदर्भ पत्र—1 के अनुक्रम में मुख्य वन संरक्षक, जगदलपुर वृत्त से प्राप्त 06 बिन्दुओं की अतिरिक्त जानकारी (बिन्दु क्रमांक 1, 2, 3, 5, एवं 6 की जानकारी आवेदक संस्थान एवं बिन्दु क्रमांक 4 वन विभाग से संबंधित) परीक्षण उपरांत अनुशंसा सहित मय संलग्नकों 02 प्रतियों में आवश्यक कार्यवाही हेतु संप्रेषित है।

संलग्नः— उपरोक्तानुसार (2 प्रतियों में) (प्र.मृ.व.स एवं वन बल प्रमुख द्वारा अनुमोदित)

2

प्रधान मुख्य वन संरक्षक (भू – प्रबंध/वन (सं एवं सं) अ.) छत्तीसगढ

पृ. क्र0/भू-प्रबंध/खनिज/331-305/ 1235 प्रतिलिपि सचनार्थ एवं आवश्यक कार्यवाही हेतः

नवा रायपुर, दिनांक 2705/2025

- 1. वन महानिरीक्षक, (एफ.सी. डिवीजन), भारत सरकार पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, इंदिरा पर्यावरण भवन, कक्ष क्रमांक 556, पांचवी मंजिल, अग्नि विंग, जोर बाग रोड़, नई दिल्ली 110003.
- मुख्य वन संरक्षक, जगदलपुर बिलासपुर वृत्त, छत्तीसगढ़।
- वनमंडलाधिकारी. दंतेवाड़ा / मरवाही/जांजगीर-चांपा एवं बलरामपुर वनमंडल, छत्तीसगढ़।
- 4. मुख्य कार्यपालन अधिकारी, एन.एम.डी.सी. सी.एम.डी.सी., ग्रीन वेली सिटी, हाऊसिंग बोर्ड कालोनी, बोरियाकला, सेजबहार, रायपुर।

प्रधान मुख्य वन संरक्षक (भू – प्रबंध/वन (सं एवं सं) अ.) छत्तीसगढ

2596

कार्यालय वनमण्डलाधिकारी मरवाही वनमण्डल, पेण्ड्रारोड (छ.ग.)

Ph.No. 07751-221000

E-Mail Id- dfo-marvahi.cg@gov.in, dfomarwahi@gmail.com

क्रआंक / तक.अधि. / 3253

पेण्ड्रारोड, दिनांक / 19 / 05 / 2025

प्रति,

प्रधान मुख्य वन संरक्षक (भू-प्रबंध) छ.ग. नवा रायपुर, अटल नगर संशोधित

Proposal for seeking prior approval of the Central Government under Section 2 (1) (ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 in Favour of M/s NMDC-CMDC Limited for non forestry use of 682.2722 ha. (570.100 ha. Inside lease and 112.1722 ha. Outside lease) forest land for Bailadila Iron Ore Deposit-4 Mine in Dantewada Forest

Division, South Bastar, Dantewada District in the State of Chhattisgarh-reg.

संदर्भ :- 1. आपका पत्र क्र. / भू-प्रबंध / खनिज / 331-305 / 1116 दिनांक 06.05.2024

2. उप व.म.अ. पेण्ड्रा का पत्र क्र. / 539 दिनांक 13.05.2025 एवं 830 दिनांक 13.05.2025

3. परिक्षेत्र अधिकारी पेण्ड्रा का पत्र क्र./539 दिनांक 13.05.2025 एवं परिक्षेत्र अधिकारी मरवाही का पत्र क्र./564 दिनांक 13.05.2025

4. इस कार्यालय का पत्र क्र./3061 दिनांक 13.05.2025

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विषयांतर्गत प्रकरण में दंतेवाड़ा वन मंडल अंतर्गत वन (संरक्षण एवं संवर्धन) अधिनियम 1980 अंतर्गत वन भूमि के गैर वानिकी उपयोग हेतु एन.एम.डी.सी.—सी.एम.डी.सी. द्वारा डिपोजिट—4 में लौह अयस्क उत्खनन हेतु रकबा 682.2722 हे. वन भूमि के गैर वानिकी कार्य हेतु व्यपवर्तन प्रस्ताव के एवज में क्षतिपूर्ति वृक्षारोपण हेतु मरवाही एवं पेण्ड्रा परिक्षेत्र 530.302 हे. वन भूमि में 10 वर्षीय वैकल्पिक वृक्षारोपण परियोजना के लिये प्रस्तावित है।

अतः संदर्भित पत्र के तारतम्य में मरवाही वनमण्डल के 13 पैच में प्रस्तावित रकबा कुल 480.

302 हे. क्षेत्र का स्थल निरीक्षण प्रतिवेदन आपकी ओर आवश्यक कार्यवाही हेतु सादर संप्रेषित है।

संलग्नः – उपरोक्तानुसार।

वनमण्डलाधिकारी

मरवाही वनमण्डल पेण्ड्रारोड

पृ.क्र. / तक.अधि. / 3254

पेण्ड्रारोड, दिनांक / 19 / 05 / 2025

प्रतिलिपि :- मुख्य वन संरक्षक, बिलासपुर वृत्त की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु सादर संप्रेषित।

> वनमण्डलाधिकारी मरवाही वनमण्डल, पेण्ड्रारोड

NMDC-CMDC CA Land Area Statement MARWAHI DIVISION

6			T 1700			CDS Dading	Remark
s No	Range	Bit	Village	Compartment No	Proposed Area(Ha.)	GPS Reding	Remark
1	Marwahi	Chuwabahra	Chuwabahra	PF 2063	30	22.58.0.27N,82.0.5.98E 22.57.56.96N,82.0.21.41E 22.57.29.31N,82.06.37E 22.57.41.59N,81.59.58.75E	10 वर्षीय वैकल्पिक वृक्षारोपण परियोजना हेतु प्रस्तावित स्थल अन्य वानिकी कार्य हेतु प्रस्तावित नहीं है तथा यहां पर लेंटाना एवं अन्य झाड़िया अवस्थित हैं। प्रस्तावित स्थल का वन घनत्व 0.4 से कम है एवं वृक्षारोपण हेतु उपयुक्त है।
2	Marwahi	Salhekote	Salhekote [*]	PF 1987	30	22.55.17.30N,81.59.17.03E 22.55.12.33N,81.59.33.15E 22.54.52.67N,81.59.31.39E 22.55.9.14N, 81.59.15.92E	10 वर्षीय वैकल्पिक वृक्षारोपण परियोजना हेतु प्रस्तावित स्थल अन्य वानिकी कार्य हेतु प्रस्तावित नहीं है तथा प्रस्तावित स्थल का वन घनत्व 0.4 से कम है एवं वृक्षारोपण हेतु उपयुक्त है।
3	Marwahi	Salhekote	Salhekote	PF 1989	30	22.55.20.22N, 82.2.10.11E 22.55.3.24N, 82.2.20.47E 22.55.3.30N, 82.1.55.27E 22.55.17.16N, 82.2.2.67E	10 वर्षीय वैकल्पिक वृक्षारोपण परियोजना हेतु प्रस्तावित स्थल अन्य वानिकी कार्य हेतु प्रस्तावित नहीं है तथा प्रस्तावित स्थल का वन घनत्व 0.4 से कम है एवं वृक्षारोपण हेतु उपयुक्त है।
4	Marwahi	Bargava	Bargava	PF 1993	45.302	22.53.59.49N,82.2.18.77E 22.53.41.94N,82.2.34.03E 22.53.31.38N,82.2.31.87E 22.53.46.12.N,82.2.11.20E	10 वर्षीय वैकल्पिक वृक्षारोपण परियोजना हेतु प्रस्तावित स्थल अन्य वानिकी कार्य हेतु प्रस्तावित नहीं है तथा प्रस्तावित स्थल का वन घनत्व 0.4 से कम है एवं वृक्षारोपण हेतु उपयुक्त है।
5	Marwahi	Bargava	Bargava	PF 1996	20	22.53.46.39N, 82.3.29.60E 22.53.37.35N,82.3.27.23E 22.53.22.64N,82.3.1.62E 22.53.31.82N,82.2.58.79E	10 वर्षीय वैकल्पिक वृक्षारोपण परियोजना हेतु प्रस्तावित स्थल अन्य वानिकी कार्य हेतु प्रस्तावित नहीं है तथा प्रस्तावित स्थल का वन घनत्व 0.4 से कम है एवं वृक्षारोपण हेतु उपयुक्त है।
6	Marwahi	Semardari	Bhathatikara	PF 2011	40	22.55.27.65N,82.12.8.51E 22.55.2.38N,82.11.47.79E 22.55.6.32N,82.11.29.68E 22.55.23.36N,82.11.29.54E	10 वर्षीय वैकल्पिक वृक्षारोपण परियोजना हेतु प्रस्तावित स्थल अन्य वानिकी कार्य हेतु प्रस्तावित नहीं है तथा प्रस्तावित स्थल का वन घनत्व 0.4 से कम है एवं वृक्षारोपण हेतु उपयुक्त है।
7	Marwahi	Medhuka	Bhaskura	PF 1951	50	22.53.17.36N,81.51.59.66E 22.53.3.79N,81.52.12.19E 22.52.34.31N,81.51.58.00E 22.53.4.03.N, 81.51.54.20E	10 वर्षीय वैकल्पिक वृक्षारोपण परियोजना हेतु प्रस्तावित स्थल अन्य वानिकी कार्य हेतु प्रस्तावित नहीं है तथा प्रस्तावित स्थल का वन घनत्व 0.4 से कम है एवं वृक्षारोपण हेतु उपयुक्त है।
	Total			245.302			
1	Pendra	Kotmi	Kotmi	PF 2358	50	22.48.7.01N,82.8.24.76E 22.47.53.40N,82.8.55.36E 22.47.37.51N,82.8.43.02E 22.47.51.50N,82.8.21.87E	10 वर्षीय वैकल्पिक वृक्षारोपण परियोजना हेतु प्रस्तावित स्थल अन्य वानिकी कार्य हेतु प्रस्तावित नहीं है तथा प्रस्तावित स्थल का वन घनत्व 0.4 से कम है एवं वृक्षारोपण हेतु उपयुक्त है।
2	Pendra	Devrikhurd	Devrikhurd	PF 2315	45	22.45.12.90N,82.8.47.94E 22.44.47.10N,82.8.35.25E 22.40.56.14N,82.8.24.20E 22.45.7.13N,82.8.11.43E	10 वर्षीय वैकल्पिक वृक्षारोपण परियोजना हेतु प्रस्तावित स्थल अन्य वानिकी कार्य हेतु प्रस्तावित नहीं है तथा प्रस्तावित स्थल का वन घनत्व 0.4 से कम है एवं वृक्षारोपण हेतु उपयुक्त है।

S No	Range	Bit	Village	Compartment No	Proposed Area(Ha.)	GPS Reding	Remark
3	Pendra	Amaru	Amaru	PF 2318	80	22.46.5.06N,82.6.28.16E 22.45.43.12N,82.6.51.37E 22.45.15.89N,82.6.50.30E 22.45.54.16N,82.6.1.98E	10 वर्षीय वैकल्पिक वृक्षारोपण परियोजना हेतु प्रस्तावित स्थल अन्य वानिकी कार्य हेतु प्रस्तावित नहीं है तथा प्रस्तावित स्थल का वन घनत्व 0.4 से कम है एवं वृक्षारोपण हेतु उपयुक्त है।
4	Pendra	Basantpur	Basantpur	PF2353	35.97	22.44.36.97N, 82.4.34.12E 22.44.23.24N, 82.4.40.38E 22.44.8.82N, 82.4.48.38E 22.44.17.35N, 82.4.44.64E	10 वर्षीय वैकल्पिक वृक्षारोपण परियोजना हेतु प्रस्तावित स्थल अन्य वानिकी कार्य हेतु प्रस्तावित नहीं है तथा प्रस्तावित स्थल का वन घनत्व 0.4 से कम है एवं वृक्षारोपण हेतु उपयुक्त है।
5	Pendra	Basantpur	Basantpur		9.03	22.44.31.01N, 82.4.20.24E 22.44.21.15N, 82.4.26.30E 22.44.16.91N, 82.4.30.36E 22.44.19.26N, 82.4.17.77E	10 वर्षीय वैकल्पिक वृक्षारोपण परियोजना हेतु प्रस्तावित स्थल अन्य वानिकी कार्य हेतु प्रस्तावित नहीं है तथा प्रस्तावित स्थल का वन घनत्व 0.4 से कम है एवं वृक्षारोपण हेतु उपयुक्त है।
6	Pendra	Pendra	Pendra	PF 2352	15	22.46.10.07N, 81.58.55.61E 22.46.0.84N, 81.59.1.45E 22.45.52.69N, 81.58.53.01E 22.45.58.55N, 81.58.46.67E	10 वर्षीय वैकल्पिक वृक्षारोपण परियोजना हेतु प्रस्तावित स्थल अन्य वानिकी कार्य हेतु प्रस्तावित नहीं है तथा प्रस्तावित स्थल का वन घनत्व 0.4 से कम है एवं वृक्षारोपण हेतु उपयुक्त है।
	Total						i diy
Total					480.302		

वनमण्डलाधिकारी मरवाही वनमण्डल पेण्ड्रारोड वन आधिनियम् 1980 अंतर्जीत वन शिम के जी वानिनी उपयोजा रेंतु एमः एमः सीः डी. बीः एमः डीः बीः अरा डियोनिट ५ में लीह अयएक उट्याम रेतु रहवा ५50 है। हो सेना पुनावहण् प्रिया के वस कुमांक 2063 मरवाही परिशेत्र में वनश्मि के जी वानिनी कार्य हेतु व्यापवर्तन प्रकाब के एवल में श्रित्र विश्वारोपण किये जीन हेतु एमः श्रितीः डीः -एन एमः डी. कीः के कर्मचारी भी स्तुतील कुमा , परिशेश खरापक निवर्ती एवं परिला रक्षक पुनावहरा के साम संयुक्त निर्माण निवर्ता जान निवर्ता 30.00 हैत्रिया वन श्रीत की वन धनरन ०.०५ से कम है एवं हुसारोपण हेतु उपयुक्त हैं।

अग्नः परिमेत्र अधिकारी मदबारी की यो न प्रिनेद्र आवश्यक कार्यवारी हेनु साद सम्प्रेषित

Beat Incharge Chuvabahra 10/5/2025

परिश्वेष सहायक किंग 10/5/2025

वन प्रस्थित अधिकारी मरवाही

स्थान : खाल्डेकोटा विनोक: 09 05 12025

अतः परिक्री अधिकारी मरवाही की कीर प्राचितन

धारसर रक्षक बालेकारा ्रीरक्षेत्र सहायक धन्पुर

वन परिक्षेत्र अधिकारी

स्वान: साट्टेंगेटा - दिनांक: - 09/05/2025

2601

कल शिद्यानियम 1980 अंतर्गत वल भूमि के गेर वालिकी उपयोग हितु रम लिंग ही हो हो हो हो हो हो हिंग मिंट ० 4 में लीह अमस्त उत्यालन हेतु वक्रवा 30.00 है। क्षेत्र साल्हें हो । परिसर के क्षा क्रमांक 1989 महाता परिस्मा में वन भूमि के गैर वालिकी कार्म हेतु ट्यपवलन प्रदात के एवन में क्षित-वृति ब्रह्मीरीएग किये जीने हेतु रम लिंग ही। ही। न्यों लिंग जीने हितु रम लिंग ही। स्री के कर्मचारी की खुनीत क्रमार, परिस्मा सहायक धनपुर, रम परिसर रक्षक साल्हें के साथ सम्मुक्त निरीक्षण किया गया, जिसमें 30.00 है। वन भूमि की वन द्यात्व 0.04 क्षेत्र कम है। एवं क्ष्मीरीएग हितु उपयुक्त है।

परिसर रक्षक माल्डकोटा ्र्यारक्षेत्र सहायक धारु

वन परिक्षेत्र अधिकारी

को विस्कां सहस्मा है जान हिला जाता है कि जानि स्टिन के का निर्मा सहस्मा है जानि के जानि हैं जानि के ज

<u>परिसर रक्ष</u>क बरावा परिक्षेत्र सहायक

वन प्रिक्षेत्र अधिकारी मरवाले

प्ठर० से मर्दरी

परिक्षेत्र सहायक दानीकुण्डी

वन परिक्षेत्र अधिकारी _{परवाही} वन अधिनियम 1980 शंतरीत वन भूमि के जीर जीर वानिष्ठी उपयोग हितु स्म स्म ही सी. सी स्म डी. सी द्वारा दिवोद्धिर ० पेम कींह -अयह उत्वनन हेतु स्कवा ८० है. से में में हुड़ा परिषर क्षा के 1981 मखादी परिष्ठेन में वन भूमि के जीर वानिष्ठी कार्प हेतु व्यप्वर्तन प्रात्मक के ह्वार में भित्र वर्त वृश्वारोवण किए कोने हेतु स्म हम डी मी सी. सम डी सी. के कम्बारी की सुकीत हमार, विरोध महाप्छ रचना स्म विषय राष्ठ्र में हुड़ा के साम संयुक्त निरीयण किया गया कियमें 50.00 है. वन भूमि की वन यन स्म ०००५ की कम है। स्व वृश्वारोवण हैतु उपयुक्त है

अतः परिमेम अधिकारी मत्वाही की और अतिबेहन आवाण कार्यवाही हेत संमेषित है।

BFO FIGST

िर्माणाः प्रत्येत्र सहायक् खन्ता

यन प्रिश्नेत्र अधिकारी भरवारी

र भारत निर्देशन वार्तिवदन्

अतार परिका आति । विकास कारी पठा कि मेर २ ५००० (४) भारतहराद, कार्यपादी हरू हाट सिंट सिंट सिंट सिंट सिंट

परिसर रदान्छ कोटमी-

परिशेत्र वहाकि कारमा

रथल मिरीसण परिवेदन

2-2117 - 458441 TEMO 10105/25

की और आवश्यक कार्यवाही हेलु सादर अमीबार है।

विरसर रहाक

वार्थात्रमहायकः पेण्ड्रा वृत्ता

र-पला निरीसाग् प्रतिषेद्रन र पान- अमरष्ट्र

यन अग्धानमम् 1980 क्रांत्री वन श्रुमि के मैं द्वानिकी
त्रिप्योग हेलु शन राम की की. की. एम. डी. शी. डारा डिपोिलेट 04
कें लीह अपरेक उत्पक्त हेल रक्षा 5.00 है. बीरा वेठड़ा परिस्त के क्षां कार्य के क्षांत्र की के कीर वार्तिकी कार्य हेलु क्रांत्र 2352 वेठड़ा परिक्षेत्र में वन श्रीम के कीर वार्तिकी कार्य हेलु क्यांवरीय क्रांत्र कार्य के स्वांत्र श्री के क्षांत्र श्री क्षांत्र अपने हेलु श्री क्षांत्र श्री के क्षांत्र के क

अतः अतिवेदन परिसेत्र काधकारी पेठड़ा की अति आव्यपद कार्यवासी हेत्द सादट संग्रेबित है।

ने जी प्रस्ता स्टाबर ने जी

Lhangare

KIT Joine 1

प्रमाशित किरा जाता है कि उता किलाक 0810512025 की परिश्लेश सहाशक की की थीं पारेश्वर रहा अधारत एतं NMDC के सर्वेश्वर की साथ अभारत परिश्लेश अन्ति स्वला 80 है। का संशिक्त रूप के निर्शासना किशा गारा भी कि अपि एवं बन स्वला की निर्धाल

B.F.O.

परिशेष्ठ सहायक कोटकी वृत्त

र शत्ला मेंग्रांशाणा पारेनेपन

पासारं रहाक

परिदोत्र सहस्यक्रम

Division-Marwahi, Range- Marwahi, Bit-Chuwabahra, Village-

Chuwabahra, Compartment N. PF2063, Patch No-2, Proposed Area 30Ha Field Photos.



Ghuwabahra, Compartment N. PF2063, Patch No-2, Proposed Area 30Ha Field Photos. Division-Marwahi, Range- Marwahi, Bit-Chuwabahra, Village-



Division-Marwahi, Range- Marwahi, Bit-Salhekote, Village-Salhekote, Compartment N. PF 1987, Patch No-3, Proposed Area 30Ha Field Photos.



Division-Marwahi, Range- Marwahi, Bit-Salhekote, Village-Salhekote, Compartment N. PF 1989, Patch No-4, Proposed Area 30Ha Field Photos.



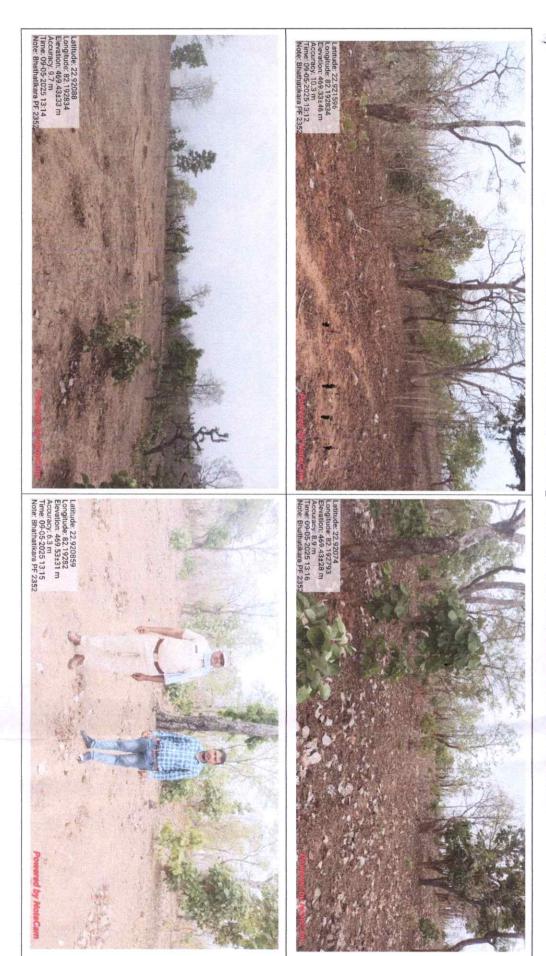
Division-Marwahi, Range- Marwahi, Bit-Bargava, Village-Bargava, Compartment N. PF 1993, Patch No-5, Proposed Area 45.302Ha Field Photos.



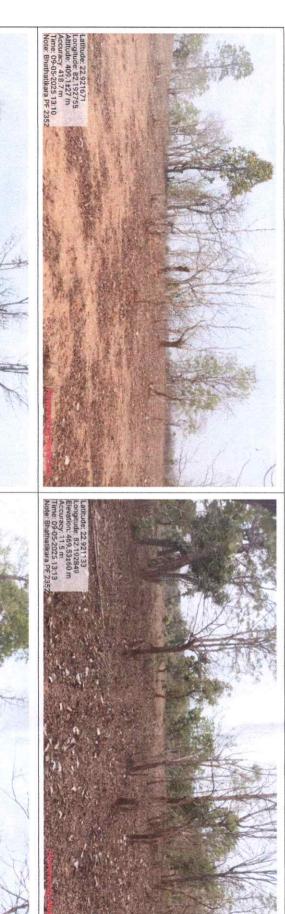
Division-Marwahi, Range- Marwahi, Bit-Bargava, Village-Bargava, Compartment N. PF 1996, Patch No-6, Proposed Area 20Ha Field Photos.

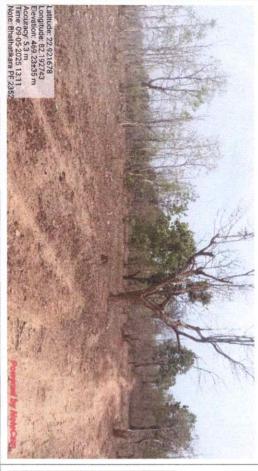


Division-Marwahi, Range- Marwahi, Bit-Semardari, Village-Bhathatikara, Compartment N. PF 2011, Patch No-7, Proposed Area 40Ha Field Photos.



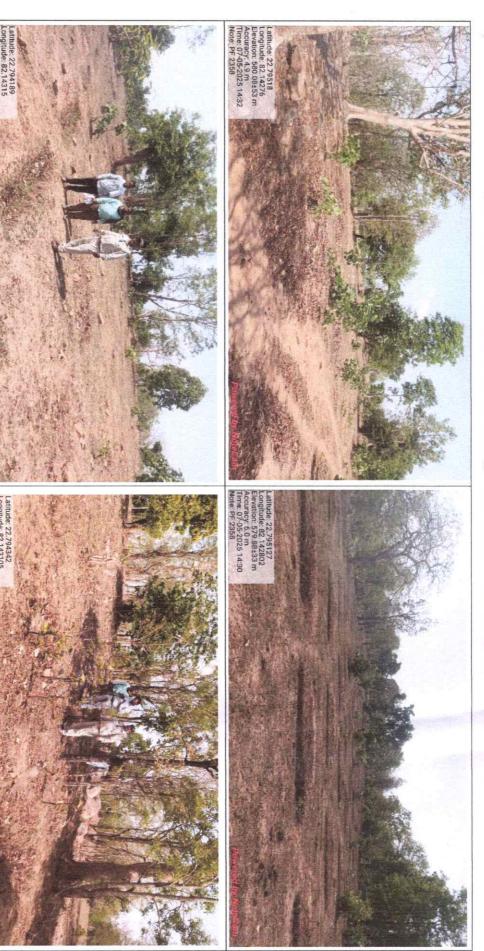
Bhathatikara, Compartment N. PF 2011, Patch No-7, Proposed Area 40Ha Field Division-Marwahi, Range- Marwahi, Bit-Semardari, Photos. Village-







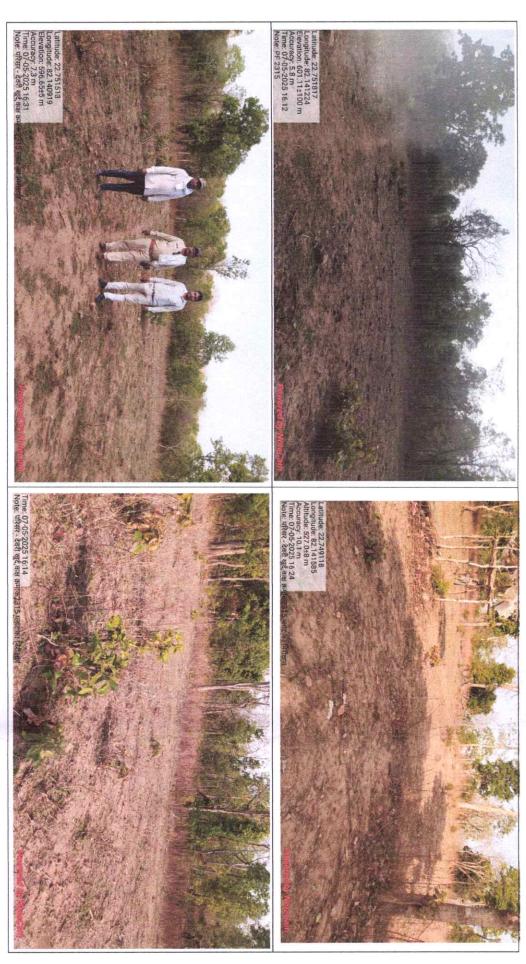
Division-Marwahi, Range-Pendra, Bit-Kotmi, Village- Kotmi, Compartment N. PF2358, Patch No-8, Proposed Area 50Ha Field Photos.



Division-Marwahi, Range-Pendra, Bit-Kotmi, Village- Kotmi, Compartment N. PF2358, Patch No-8, Proposed Area 50Ha Field Photos.



khurd, Compartment N. PF2315, Patch No-9, Proposed Area 45Ha Field Photos. Division-Marwahi, Range-Pendra, Bit-Devri khurd, Village- Devri



khurd, Compartment N. PF2315, Patch No-9, Proposed Area 45Ha Field Photos. Division-Marwahi, Range-Pendra, Bit-Devri khurd, Village- Devri









Division-Marwahi, Range-Pendra, Bit-Amaru, Village- Amaru, Compartment N. PF2318, Patch No-10, Proposed Area 80Ha Field Photos.



Division-Marwahi, Range-Pendra, Bit-Amaru, Village- Amaru, Compartment N. PF2318, Patch No-10, Proposed Area 80Ha Field Photos.



Division-Marwahi, Range-Pendra, Bit-Basantpur, Village-Basantpur, Compartment N. PF2353, Patch No-11, Proposed Area 35.97Ha Field Photos.



Division-Marwahi, Range-Pendra, Bit-Basantpur, Village-Basantpur, Compartment N. PF2353, Patch No-12, Proposed Area 9.03Ha Field Photos.



Division-Marwahi, Range-Pendra, Bit-Pendra, Village-Pendra, Compartment N. PF2352, Patch No-13, Proposed Area 15Ha Field Photos.



Division-Marwahi, Range-Pendra, Bit-Pendra, Village-Pendra, Compartment N. PF2352, Patch No-13, Proposed Area 15Ha Field Photos.



Division-Marwahi, Range- Marwahi, Bit-Medhuka, Village-Bhaskura, Compartment N. PF1951, Patch No- 14, Proposed Area 50Ha Field Photos.



Division-Marwahi, Range- Marwahi, Bit-Medhuka, Village-Bhaskura, Compartment N. PF1951, Patch No-14, Proposed Area 50Ha Field Photos.



कार्यालय मुख्य वन संरक्षक

जगदलपुर वृत्त जगदलपुर बस्तर 494001 (छत्तीसगढ़)

फोन (कार्या) : 07782—222006 (निवास) : 227634 (फैक्स) : 07782—222120 E-mail-ccfjagdalpur@rediffmail.com

क्रं./व.त.अ./ 1536

जगदलपुर, दिनांक 14 2 2025

प्रति,

प्रधान मुख्य वन संरक्षक, (भू-प्र.वन(सं. एवं सं.)अ.)

नवा रायपुर, अटल नगर, छत्तीसगढ़

বিষয:— Proposal for seeking prior approval of the Central Government under Section 2 (1) (ii) the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 in favour of M/s NMDC-CMDC Limited for non-forestry use of 682.2722 ha. (570.100 ha.inside lease and 112.1722 ha. outside lease) forest land for Bailadila Iron Ore Deposit-4 Mine in Dantewada Forest Division, South Bastar, Dantewada District in the State of Chhattisgarh-reg.

पंजीयन क्रमांक- FP/CG/MIN/146694/2021

- संदर्भ:-1. भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली का पत्र क्रमांक/8-02/2024-FC दिनांक 30.04.2025
 - प्रधान मुख्य वन संरक्षक (भू—प्र.वन(सं. एवं सं.)अ.) अटल नगर, नवा रायपुर छत्तीसगढ़ का पत्र क्रमांक/भू—प्रबंध/खनिज/331—305/1114 दिनांक 06/05/2025
 - वन मण्डलाधिकारी, दंतेवाड़ा वनमण्डल, दंतेवाड़ा के पत्र क्रमांक/क.त.अ./950
 दिनांक 14/05/2025

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विषयांन्तर्गत प्रतिवेदन है कि एन.एम.डी.सी.—सी.एम.डी.सी. लिमिटेड रायपुर को वन संरक्षण अधिनियम, 1980 के अन्तर्गत् PROPOSAL FOR DIVERSION OF 682.2722 Ha. FOREST LAND FOR BAILADILA IRON ORE DEPOSIT-4 MINE आबंदन हेतु वन संरक्षण अधिनियम, 1980 के तहत व्यपर्वतन प्रस्ताव में भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली के पत्र दिनांक 30/04/2025 द्वारा 06 बिन्दुओं की अतिरिक्त जानकारी चाही गई है। भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली द्वारा चाही गई जानकारी आवेदक संस्थान ने बिन्दुवार तैयार कर वनमण्डलाधिकारी, दंतेवाड़ा वनमण्डल कार्यालय में प्रेषित किया गया है।

वनमण्डलाधिकारी, दंतेवाड़ा वनमण्डल ने आवेदक संस्थान से प्राप्त विषयांकित जानकारी का परीक्षण कर अभिमत सहित संदर्भित पत्र क्रमांक—3 द्वारा इस कार्यालय में प्रेषित किया गया है।

वनमण्डलाधिकारी, दंतेवाड़ा वनमण्डतल से प्राप्त विषयांकित जानकारी अनुशंसा सहित अग्रिम कार्यवाही हेतु संलग्न सम्प्रेषित है। संलग्न:— उपरोक्तानुसार।

पृ.क्रं./व.त.अ./ . 1537 प्रतिलिपि:- मुख्य वर्ग संरक्षक रेजगदलपुर वृत्ते जगदलपुर जगदलपुर, दिनांक 14/5/2025.

1. वनमण्डलाधिकारी, दंतेवाड़ा वनमण्डल दंतेवाड़ा की ओर सूचनार्थ अग्रेषित।

2. मुख्य कार्यपालन अधिकारी, एन.एम.डी.सी. लिमिटेड, ग्रीन वेली, हॉफसिंग बोर्ड कॉलोनी, बोरिया कला, सेजबहार, रायपुर की ओर सूचनार्थ अग्रेषित।

मुख्य वन्रसंरक्षक जगदलपुर वृत्ते जगदलपुर

कार्यालय वनमण्डलाधिकारी दन्तेवाड़ा वनमण्डल, दन्तेवाड़ा (छ.ग.)

कार्यातय – दूरभाव (b7856) 252228, फैक्स-252305 निवास -(b7856) 252439 E-mail:-dfodnt@rediffmail.com

क्रमांक/ मा.चि./ ७५०

दन्तेवाड़ा, दिनांक /4/05/2025

प्रति.

मुख्य वन संरक्षक,

जगदलपुर वृत्त, जगदलपुर

विषय -

Proposal for seeking prior approval of the Central Government under Section 2(i) (ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 in favour of M/s NMDC-CMDC Limited for non-forestry use of 682.2722 ha. (570.100 ha. inside lease and 112.1722 ha. outside lease) forest land for Bailadila Iron Ore Deposit-4 Mine in Dantewada Forest Division, South Bastar, Dantewada District in the State of Chhattisgarh-reg.

संदर्भ :-

- 1. भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय नई दिल्ली का पत्र क्रमांक/8-02/2024 -FC दिनांक 30.04.2025
- 2. अपर प्रधान मुख्य वन संरक्षक (भू-प्र./वन (सं. एवं सं.) अ.) अटल नगर नवा रायपुर छ.ग. का पत्र क्रमांक/भू-प्रबंध/खनिज/331-305/1114 नवा रायपुर दिनांक 06,05.2025.

3. कार्यालयीन पत्र क्रमांक/मा.चि./1451 दिनांक 09.05.2025

4. आवेदक संस्थान मुख्य कार्यपालन अधिकारी, एन.एम.डी.सी. सी.एम.डी.सी.लिमि., ग्रीन वेली, हॉऊसिंग बोर्ड कॉलोनी, बोरिया कला, सेजबहार, रायपुर का पत्र क्रमांक/NCL/HO/Dep-4/FC-EDS/2025/1611 Date 13.05.2025

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उपरोक्त विषयांन्तर्गत संदर्भित पत्र — 1 के माध्यम से भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय नई दिल्ली द्वारा प्रकरण में प्रथम चरण स्वीकृति हेतु 06 बिन्दुओं की अतिरिक्त जानकारी चाही गई है। आवेदक संस्थान द्वारा संदर्भित पत्र—4 के माध्यम से 06 बिन्दुओं की अतिरिक्त जानकारी तैयार कर वनमण्डल कार्यालय मे प्रस्तुत किया गया है।

अतः चाही गई 06 बिन्दुओं की अतिरिक्त जानकारी आपके अवलोकनार्थ एवं आवश्यक कार्यवाही हेतु संलग्न सम्प्रेषित है।

संलग्नः – उपरोक्तानुसार।

वनमण्डलाधिकारी दुन्तेवाड्म वनमण्डल, दन्तेवाड्म दन्तेवाड्म वनमण्डल, दन्तेवाड्म दन्तेवाड्म, विनोक 14 /05 /2028

पू.क्रमांक/मा.चि./951

- प्रतिलिपि :-1. प्रधान मुख्य वन संरक्षक (भू-प्र./वन(सं एवं सं.) अ.) अटल नगर नवा रायपुर की ओर सूचनार्थ सम्प्रेषित।
- 3. मुख्य कार्यपालन अधिकारी, एन.एम.डी.सी. सी.एम.डी.सी.सिमि., ग्रीन वेली, हॉऊसिंग बोर्ड कॉलोनी, बोरिया कला.

क्षेत्रबहार, रायपुर की ओर सूचनार्थ।

वन्मण्डेनाधिकारी दत्तेवाडा वनमण्डल दत्तेवाडा

14-5-25-dock

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1. The State Govt. shall give a detailed point wise justification addressing the concerns raised by the Committee headed by ADGF(FC) based upon which the Advisory Committee in its meeting held on 28.02.2017 decided not to recommend the proposal.

The point wise reply to the concerns raised by the committee headed by ADGF (FC) is given below: -

S.	Deliberations	1	Action T	akon in th	a procest		CNMDC	CMDCI	4.1
No.	and		Action	aken in th	(In the sa	proposai	OI NIVIDC	-CMDC L	ta.
	observations				(In the sa	ime conte	ext)		
	of the								
	Subcommittee								
1.	Currently, the	-	and the state of	1 0					
	NMDC has 9 mining leases granted in their favour and out	sec 11) 10)	or out of vare located are located	re are only fivhich 3 Min I in Kirandul I in Bacheli	ing Leases l complex a complex. A	(Deposit- and 2 Mini ll these mi	14, Deposit- ng Leases (I ning leases)	-14 NMZ a Deposit-5 a are operation	nd Deposit nd Deposit onal.
	of total 9 mining		above lead	ses have a c	umulative a	approved p	production of	capacity (E	C+CTO) o
	leases, 6 mining	S.n	o Mine	ons as on 01	Produ	uction capa	eity	- W	
		1	DIOM	D 5	(MTI	PA) (EC+C	TO)		
	Kirandul and 3	1 2	BIOM			10.00			
	in Bacheli are		200000000000000000000000000000000000000			6.00			
	currently	3		Dep-11ML		11.30			
	operational All	4	BIOM	1		5.00			
	these mining	5		Dep-14NMZ		5.50			
	leases have approved		Bailadi	la Sector		37.80			
	MTPA and so far, the NMDC could attain a maximum production level of approximately	> In F + de to s prod	or. Y: 24-25, N -silted slim coppage of uction for	IMDC achie es) from Bai production FY 2024-25 acity. Now the	ved a total pladila Sector for 40 da otherwise	production or. Decreas ys owing would ha	of 29.98 M se in the RO to Industria	T (28.58 M M production al Relation to about 90	T of ROM on was due
2.	Past trend of estimated reserves in the existing mining leases of NMDC revealed the substantial increase in the mineral reserve base which is most likely to increase further	For and As a cont. begin its M prod How Same Iron Ore Deposit-	FY: 25-26, s committed responsible nuous expension. These lining Leas action for never, post to	MMDC Ltd ad to achieve ble Mining loration at a se efforts of 1 es in Bailad more than fiv the year 2020 d from the for 2020 Remaining Resources	has set a per 100% of the 100% of the Organization deeper level NMDC Ltd. ila Sector a re decades.	production the product on, NMDO els in all in the have added and resulte	target of 37. ion Capacity C Ltd. had its existing ed additiona d in the sust	invested Mining Le I Iron Ore Rained ROMe not increase Total Resources	n Bailadila heavily in ases since leserves in I Iron Ore sed much.
2.	Past trend of estimated reserves in the existing mining leases of NMDC revealed the substantial increase in the mineral reserve base which is most likely to	For and As a cont. begin its M prod How Same	FY: 25-26, s committed responsible nuous exprising. These lining Leas action for mever, post the is reflecte	NMDC Ltd ad to achieve ble Mining loration at a see efforts of N es in Bailad more than fiv he year 2020 d from the form 2020 Remaining Resources	has set a period of the control of t	production ne product on, NMD els in all i have adde and resulte Iron Ore r ble –	target of 37. ion Capacity C Ltd. had its existing ed additiona d in the sust reserves hav 2025 Remaining Resources	invested Mining Le I Iron Ore Retained ROMe not increa	n Bailadila heavily in ases since teserves in I Iron Ore sed much.

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S. No.	Deliberations and observations of the Subcommittee	A	etion Ta	iken in th	e present p (In the sa	-	of NMDC (text)	-CMDC L	td.
	reserves (excluding the	Deposit-	345.84	221.09	566.94	349.51	207.52	557.03	-1.75
	reserves of	Deposit-	280.85	176.99	457.84	371.48	187.19	558.67	22.02
	Deposit-13 and Deposit-4)	Deposit-	203.99	99.47	303.46	266.31	90.62	356.93	17.62
	almost 2 times of the Reserves estimated	Total NMDC Bailadila	1462.52	696.77	2159.29	1597.7	7 661.48	2259.25	4.63%
	commencement of mining operations. These reserves are likely to increase with further deep exploratory drilling. Mineral	million and 28	n tons from 3.00 millication plan NMDC BIOM BIOM	m Bailadila on tons is of NMDC Mines	sector in what from NMD	nich 58.0 C-CMD	the iron ore pool million ton C Ltd (NCL la Sector by 2 Proposed Pro	s is from NM) Mines. Th 2030 is given	IDC Mines e proposed a below -
	reserve base	4	BIOM					10.00*	
	(proven + probable)	5	Total	Dep-14NM2	2			8.50* 58.00	
	appears to be sufficient to	S.No.	NMDC	-CMDC M	lines		Proposed Pro		FY-2030
	sustain the iron	1 2	Deposit Deposit					7	
	ore requirement in near future.		Total	. 13				21 28	
	in hear ruture.	Grand Tot		C & NMD	C-CMDC)			86	
		order for consthe increase in inside lease w The life capacity MTPA) To addr greenfie already As per supply Plant, in preferer excess of	A NMZ from truction of a production hich will take of mines by of iron ress the baseld project explored JV agree of Iron on the project is a project is a value of its a va	n 5.5 to 8.5 Nonew Crushing in will be ach ke minimum so of NMDC ore mines alance shore the such as by NMDC ement with the from Badalpur, Basupply of i	Plants in Deposite ved after con of 3 years' tim Se Bailadila comes only tfall of 28 n Deposit-13 Pecomes en NMDC an iladila Depositar Distriction ore to Comeeting the	Mines a ward of CMD osit-4 shows the control of CMD osit-4 show the control of CG State	mines from 5 to MOEFCC. NM d Deposit-14 NM and commission as per present 1 28 years (1 lons in Bailadi posit-4 by NM C Limited, thould be supp MDC Steel Pellet / Steel irements, the	DC has already AZ Mining Lea ing of new Crureserves and 597 million la, the devel MDC-CMDC ne first prefilied to Naga Limited. The Plants. In	d proposed tons / 58 opment of C Limited, erence for trans Steel ne second case, any
3.		As per S	State Fore	st record d		iladila D	eposit-4 rese	rve forest are	ea is in the
	covered under Deposit-4 has rich forests,	range of Having	f 0.2 to 0. cognizan	6. ce to intact	ecological b	palance o	especially tree	e fern, NMD	C-CMDC
									TVIOISTUIC

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S. No		Action Taken in the present proposal of NMDC-CMDC Ltd.
140	and	(In the same context)
	observations	
	of the	
	Subcommittee	
	except in rock	be a production of children and children and children
	exposed areas,	no./Jai.V.Bo/17 Raipur dated 21.08.2023 (Approved Budget Rs.31 Cr.).
	with average	got approved by Cities Wildelie Walldell
	density 0.8 or	vide Order No./V.PRA/Prabandha-637/253 Nava Raipur, dated 25.09.2023.
	more. Opening	(Approved Budget Rs.19.98 Cr.).
	of such forest	Towards implementation of the Environmental Management Plan, an amount of Rs.
	rich area may	91.21 crores under capital cost with a recurring cost of Rs. 5.21 crores per annum is
	have adverse	also proposed.
	impact on the	Further, Ecological Study to ascertain impact of Mining on local Ecological
	ecological	Regimes has been conducted by ICFRE, Dehradun.
	regime of the area.	Moreover, mining will be undertaken in a scientific and environmentally friendly
4.	The NMDC has	manner to mitigate any adverse impact on the area's ecological balance. The Bailadila Mountain Range, trending from porth to south for a distance of 40.
7.	its mining leases	realize, trending from north to south for a distance of 40
	spread over an	Km, comprises 14 major iron ore deposits numbered from 1 to 14. Since 1968 till
	area of	date, NMDC is the only mining company operating in this region at Deposit-5, 10,
	approximately 8	11, 14 and 14 NMZ spread over an area of 25.53 sq. km. Recently, the State
	Sq. Km. in the	Government has successfully auctioned Bailadila Iron Ore Deposits 1A, 1B, and 1C in March 2025. Additionally, Deposits 3 and 8 are likely to be granted in the near
	Bailadila	future.
	Mountain	TOTAL O.
	Range. Given	> The Maximum Production Level is directly linked to availability of total mineable
	the state of	reserves, annual production capacity through mechanized way, stockpiling
	limited natural	capacities, mechanized loading & transportation and sufficient environment friendly
	resources in the	evacuation capacities up-to the end-user Plants.
	area viz. water	Thus, in view of the above, the proposed baseline study to determine the maximum
	bodies, unique	permissible production level for the entire Bailadila Mountain Range may not be
	tree species,	reasible till complete exploration and determination of projected production capacity is
	wildlife, etc. and	ascertained for the remaining Deposits (newly auctioned / to be auctioned / to be
	also the local	granted) in a holistic manner. Accordingly, the instant proposal of Deposit-4 should not
	infrastructure viz. roads.	be linked with the proposed study at this stage. The study may be suitably undertaken
		by the State Government in the future, based on the development and progress of all
	railway track, there is need to	other upcoming iron ore mines in the Bailadila Mountain Range. The Union Cabinet chaired by the Prime Minister, has given its approach for
	assess the	of the customer enamed by the Time withister, has given its approval for
	ecologically	National Steel Policy (NSP) – 2017 on 03.05.2017. The New Steel Policy, 2017
	sustainable	aspires to achieve 300 MT of crude steel-making capacity by 2030. This will necessitate production of about 450 - 480 million tonnes of iron ore annually.
	production level	Further, in the projected scenario for FY47, it is anticipated that there will be a
	in the area. So	domestic demand of ~500 MT of Crude Steel and same will necessitate requirement
	far, there is no	of about 750 – 800 MT of the Iron Ore annually.
	such baseline	As per its vision plan in line with the National Steel Policy-2017, NMDC has
	study available	planned to increase its production capacity to 100 million tons by 2030, which
	for the region to	includes 58 MT from NMDC Mines and 28 MT from NMDC-CMDC Ltd Mines
	suggest the cap	(i.e., Deposit-4 and 13) from Bailadila Sector and remaining from the Karnataka
	of maximum	Mines. NMDC's expansion plan from present 45 MT to 100 MT shall cater to about
	production	30% of the additional Iron Ore requirement of the country (from the existing 274)
	which can be	MT to 450 MT) by 2030. However, in spite of the challenging growth plan of
	harnessed from	NMDC, there shall be a substantial short fall in supply of Iron Ore required by 2047
		To achieve production target as envisaged in Vision Plan 2030, NMDC has already
	Therefore,	invested in creating sufficient infrastructural facilities for processing and evacuation

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S. No.	Deliberations and observations of the Subcommittee		Action Taken in	the presen (In the	t proposal o same contex	f NMDC-CMI	OC Ltd.
	before opening new area a study to assess the	of fu	f Iron Ore from its m arnished below:-	ines. The deta	ails of existing	/ proposed evac	uation modes a
	maximum permissible production level	S. No	Mode of Iron Oro Transportation	Planne Capaci (In MT	ty	emarks	
	which can be sustained ecologically without hampering the existing natural resources should be conducted in the Bailadila Mountain	1	Rail		do Ki str Ja str of tra	MDC has funded bubling of KK irandul to Jagdal retch and Rs.18 gdalpur to Amba retch, covering a 175 km for insportation whice capacity of rail MTPA.	line betwee pur for 150 km 6 Cr betwee gaon for 25 km total distance or Iron Ore ch will enhance
	Range.	2	Road	~	5 Ch	hattisgarh Partie	S
		3	Slurry Pipe Line (AMNS)	4	Af be tra	esently operated ter completion of used by nsportation of it r MoU signed on	f Sl.No.4 shal NMDC fo is Iron Ore as
		4	Slurry Pipe Line (AMNS)	1	4 To Mo with sur Slu ISF	be constructed oU already signs th AMNS on 2 oply of Iron Ord arry Pipeline for the other at Anakapalle didesh.	d by AMNS ed by NMDO 5.03.2025 for through this heir upcoming
		5	Slurry Pipe Line NMDC	1:	5 A 1 Bac Ber inc	5 MTPA Slurry cheli to neficiation Plan luding a 2 MTPA garnar are under	Jagdalpur t at Bachel Pellet Plant at
			Total	~ 1	02		
		most e be eva	the above it can be section has been plann acco-friendly mode of cuated through Rail. abstract of expenditure proposed infrastructure.	transportation	ation through and majority in Rs. Crores)	Slurry Pipe line of the remaining	which is the quantity will
		S. No.	Description	Kirandul	Bacheli	NCL (Dep-13 &	Nagarnar (N) &
						17(1)-41	Vizag (V)
		1 2	Production Infra Rail Evacuation	680.00	15052.50	Dep-4) 15750.00	Vizag (V)

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S.	Deliberations		Action Taken in t	he present p	roposal of N	MDC-CMDC	Ltd
No					me context)	VIDC-CIVIDA	Liu.
		3	Doubling of KK Line and Jagdalpur to Rowghat line	17	736		
		4	Slurry Pipeline	2441.00	323.00	-	15295.00
		5	Township Infra	923.26	1815.00	1000.00	-
			Sub-Total	4361.86	21573.7	16750	15295
			Grand-Total		5971		13273
5.	The Committee	EMI off F R&F Man Back Envi arou bund layin impl Wate recon the e Envi dams dump Arou and q Studi due to of gro NME techn for tr devel In Ba Limit its fla planta NMD bio-di balance As sugges	DC has signed an Me works at its product Rs.1,615.00 lakhs and Research agement and Reclaim all Complex of the Me ronmental protection and the lease areas, cols, garland drains, rategory of geo-coir matternated. For Audit is conducted and the lease areas, cols, garland drains, rategory of geo-coir matternated. For Audit is conducted and the lease areas, cols, garland drains, rategory of geo-coir matternated and pollution of a conducted and geo-coir matternated pollution of a conducted and geo-coir matternated geo-coir matternated and geo-coir matternated geo-coir geo-co	Bacheli Com Bachel	Kirandul comp. plex (on 09.03. CFRE, Dehrac abilitation Pland are under impal restoration where the plant of buttresting pits, broad inactive wasted intervals at a plemented to colleakages, etc. are undertaken astruction of buttrestruction of buttrestruction of waster red at NMDC the year. The and increasing the has also helped the Plant (STP) at Bacheli (2 M The treated was peen planted in a grunds to Governattisgarh" for ited. and wild life pate to grant plant of the plant in a grunds to Governattisgarh for ited. and wild life pate is grant Forest Depring a planted in a grant planted in a grunds to Governattisgarh.	lex (on 01.02.2 24) Rs. 1,021. dun in the 1 for Kirandul plementation stork include places walls, check deasting of gradumping sit all projects of inserve water a such as de-sittress walls at oock dumps. for undergrour g trend in the check bunds. It is do not be a dead around lease with advance LD) and Kirar iter is reused for undertaking in the protection by it is to maintain the department has department h	21) with outlay 42 lakhs. Environmenta Complex and Complex are being Complex are being Complex and to improve the toe of waste and water level ground water Limited usage and Complex and
	also observed that with the advancement of mining operation in	ascertainin Activities	Study of Bailadila Ing the safe distance frand infrastructure ion of MoEF&CC).	on Ore Depor om the existin development	sit-4 Mine of N g Tree Fern hab 'to ICFRE -	NMDC-CMDC oitat for carryin Dehradun (Limited for g out Mining Autonomous
	*				N. Carlotte	A	

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S.	Deliberations	Action Taken in the present proposal of NMDC-CMDC Ltd.
No.	and	(In the same context)
	observations	
	of the	
	Subcommittee	
	Deposit-10 and	submitted its report in December-2024. As per the ICFRE report following are the
	Deposit - 4 (if	important observations -
	considered for	✓ The primary Tree fern species recorded during the present study namely Cyathea
	approval), the	gigantea and Cyathea spinulosa inhabiting the Galli Nalla are not enlisted under
	microclimate	the Red List of Plant Species published by Botanical Survey of India (BSI).
	supporting the	Moreover, these species are also not currently enlisted in the IUCN Red List.
	Tree Fern will	In Central India, Singh and Sahu (2015) has reported two most common Indian
	likely to be destroyed which	species of Trees ferns from Madhya Pradesh viz Cyathea gigantea and Cyathea
	may cause the	spinulosa which were also present in Galli Nalla in Deposit-4 Iron Ore Mine. Thus, it is a common Indian species of tree fern.
	loss of Tree	ICFRE Dehradun has recommended the deciding factor for determining the safe
	Ferns Species.	distance from bank of Galli Nalla towards its west i.e. to the eastern slope of western
	Therefore, in	ridge (Deposit-4) which works out to be 150 meters. Similarly, 'Spore Dispersal
	order to	Distance' is the deciding factor for deriving the Safe Distance from bank of Galli
	maintain the	Nalla towards its east i.e. to the western slope of eastern ridge (Deposit-10) which
	microclimate of	works out to be 191 meters.
	the area enough	✓ The following measures as suggested by ICFRE will be strictly implemented by
	to support the	NCL.
	Tree Fern	 The float ore mining will not be undertaken on the eastern slope of the
	habitat,	western ridge of Deposit-4 / western slope of Galli Nalla.
	catchment area falling in the	No mine waste dumping will be done on the eastern slope of the western
	mining lease	ridge (Deposit-4) as wash-offs from dumps will add to siltation in Galli
	should be	Nalla that will adversely affect Tree Fern habitat.
	enriched to	 The safe distances suggested by ICFRE shall be adhered by NCL. No loose stacking of minerals be made on the eastern slope of the western
	ensure	 No loose stacking of minerals be made on the eastern slope of the western ridge of Deposit-4 / western slope of Galli Nalla.
	development of	NCL will undertake detailed "Impact Assessment Study of Mine Progression on
	water resources.	Galli Nalla Ecosystem" by any reputed third-party organization regularly and
	However,	implement the recommendations from the start of operations.
	mining and	The Mining Lease area has already been reduced from 646.596 Ha to 570.100 Ha
	development of	after excluding Tree fern area from forest diversion.
	water resources	> The Water Resource Department, Government of Chhattisgarh, Naya Raipur vide
	are inversely related and	memo no: F/2-1/31/s-2/2025 dated 11/4/2025 has submitted that "as of now the
	cannot go hand	preventive / mitigation measures suggested by ICFRE to protect the Galli nalla
	in hand.	flowing near to Bailadila Iron ore Deposit-4 is just sufficient and need not require
	Therefore,	any further addition at this moment".
	giving due	
	consideration to	
	the unique 'Tree	
	ferns species	
	found in the	
	area, special	
	conservation,	
	protection and	
	development measures for	
	"tree ferns'	
	species should	
	Species Should	A

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obser of	erations nd vations the mmittee	Action Taken in the present proposal of NMDC-CMDC Ltd. (In the same context)
be imp in the a conduct scientiff in the an needed, of minimal per reduced sustain function microel. 6. Removatore from of the slowly the heigh hill an altitude reduced 1200 m 600 thereby exposing habitat endange Fern spe	lemented area after ing a lice study rea and if the area ang lease is further to the is of imate. Il of iron hill will reduce that of the ind the will be from meters, do meters, do meters, do meters to meters to meters. If the iron hill will reduce the indiversely their making it the for Also, ist and or is will ne woes	in initial years, North Block of the Deposit-4 will be mined. After, completing the North Block of the Deposit, South Block will be opened forthern Block will be backfilled with the mine waste generated from the Stock, and the South Block will be reclaimed by forming a water reservoir. I hape of the benches will be in form of two Pits closed on eastern side i.e. Galli ide. Thus, no dust or debris will go on eastern direction of the Pits thus forms as per recommendations of the ICFRE — Dehradun, at every point Mine work ill be more than 150 m away from the Galli Nala. Also, NCL will restrict the intining operations to at least 5m above the Galli Nalla bed across the strike of eposit in the North Block. Further, on reaching the bench level in the North Block corresponding levels of the Galli Nalla, the impact of mining operations on alla will be monitored periodically on various environmental parameters articularly for seepage of water etc. Based on the results, further deepening of ining activity will be planned. Is per approved Mining Plan bottom benches will not go below 996 MRL. After top few benches exploitation of Iron Ore will be skewed on the Western State of the Bailadila iron Ore Deposit-4.
Ferns. 7. The and dominated	ea is As per	State Forest record, the density of Deposit-4 reserve forest area is in the rang 0.6.

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2. The State Govt. shall examine and inform whether existing mines are working on the peak capacity levels or otherwise. The authentic data of production of iron ore from the Bailadila region shall be submitted in this regard. In case, the peak capacity of the existing mines is not being utilized, the justification for the instant proposal shall be re-examined and submitted accordingly.

The existing Mines of NMDC are progressing to reach peak production capacity. Earlier, there were some constraints like evacuation of iron ore through single railway line (now, doubling of railway line has been completed in 153 Km against 175 Km) and disturbance by LWE activities etc. The details of iron ore production from NMDC mines at Bailadila are given below -

S. No.	Name of the Mining Lease	EC & CTO capacity (MTPA)	ROM Production FY 23-24 (MT)	ROM Production FY 24-25 (MT)
1	Deposit-5	10.00	9.33	8.38
2	Deposit-10	06.00	5.41	5.74
3	Deposit-11ML	11.30	7.72	6.88
4	Deposit-14	5.00	3.06	2.89
5	Deposit-14NMZ	5.50	5.29	4.68
	Total	37.80	30.82	28.58

In FY: 23-24, NMDC achieved a total production of 32.36 MT (30.82 MT of ROM + de-silted slimes) which is around 85% of total production capacity from Bailadila Sector. In FY: 24-25, NMDC achieved a total production of 29.98 MT (28.58 MT of ROM + de-silted slimes) from Bailadila Sector. Decrease in the ROM production was due to stoppage of production for 40 days owing to Industrial Relation (IR). The production for FY 2024-25 otherwise would have reached to about 90% of total production capacity. Now these issues have been resolved and production is in an increasing trend.

For FY: 25-26, NMDC Ltd. has set a production target of 37.80 MT from Bailadila and is committed to achieve 100% of the production Capacity thereby. The authentic data of ROM production of Iron ore from the Bailadila region is given at **Annexure-1**.

As stated above, NMDC is going to achieve the Peak Capacity in present Financial Year.

Justification for opening of Deposit-4:

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- ➤ The Union Cabinet chaired by the Prime Minister has given its approval for National Steel Policy (NSP) 2017 on 03.05.2017. The New Steel Policy, 2017 aspires to achieve 300 MT of crude steel-making capacity by 2030. This will necessitate production of about 450 480 million tonnes of iron ore annually. Further, in the projected scenario for FY47, it is anticipated that there will be a domestic demand of ~500 MT of Crude Steel and same will necessitate requirement of about 750 800 MT of the Iron Ore annually.
- As per its vision plan in line with the National Steel Policy-2017, NMDC has planned to increase its production capacity to 100 million tons by 2030, which includes 58 MT from NMDC Mines and 28 MT from NMDC-CMDC Ltd. Mines (Deposit-4 and 13) from Bailadila Sector and remaining from the Karnataka Mines NMDC's expansion plan from present 45 MT to 100 MT shall cater to about 30% of the additional Iron Ore requirement of the country (from the existing 274 MT to 450 MT) by 2030. However, in spite of the challenging growth plan of NMDC, there shall be a substantial short fall in supply of Iron Ore required by 2047.
- Opening of green field Mines which are already fully explored by NMDC like Deposit-13 and Deposit-4 becomes imperative apart from capacity expansion of brown field mines of NMDC for fully utilizing the enhanced evacuation infrastructure to cater the ever-increasing demand of iron ore from Bailadila sector due to its high quality etc.

- Development of Bailadila Iron Ore Deposit-4 was conceptualized many years back in view of the upcoming Steel Plant at Nagarnar Jagdalpur, C.G. Deposit-4 had been planned as preferred supplier of the Iron Ore for the Nagarnar Steel Plant. The Nagarnar Steel Plant, with a capacity of 3 MTPA and an investment of ₹24,000 crore, became operational in 2023. In the absence of production from Deposit-4, the plant is compelled to source iron ore from other Bailadila mines operated by NMDC Ltd. This diversion of high-grade iron ore reduces its availability not only for sponge iron producers in Chhattisgarh but also for major steel manufacturers outside the state.
- NMDC Ltd. is the leading commercial producer of iron ore in the country's non-captive segment. The scheduled closure of several captive iron ore mining leases in 2030 could significantly impact India's steel industry, potentially causing supply disruptions and escalating production costs. As these leases expire, the immediate availability of iron ore—a critical raw material for steel production—may decline, leading to higher steel prices and adversely affecting the nation's infrastructure development goals. Therefore, expanding the capacity of existing iron ore mining leases and opening new leases, particularly by NMDC Ltd., is essential to mitigate the anticipated impact of these closures.
- Necessity for opening of Bailadila Iron Ore Deposit-4 can be summarized as
 - 1. Meeting the Iron Ore demand as envisaged by National Steel Policy;
 - 2. Iron Ore from Bailadila region is preferred choice amongst Steel Makers as it reduces requirement of other raw material like Coal, Limestone and Dolomite etc. which in turn lessen the adverse impact on environment at the site of the end-users;
 - 3. To mitigate the anticipated impact of closure of Captive Iron Ore Mining leases in 2030;
 - Sustainable supply of iron ore to Nagarnar Steel Plant and Chattisgarh State Pellet & Steel
 Plants from Bailadila Iron Ore Deposit-4 as per the JV agreement between NMDC and CMDC
 Limited.

- An ecological study to assess the maximum permissible production level which can be sustained
 ecologically shall be undertaken in the Bailadila Hills by the State Government and report be
 submitted for further decision on the matter.
- The Bailadila Mountain Range, trending from north to south for a distance of 40 Km, comprises 14 major iron ore deposits numbered from 1 to 14. Since 1968 till date, NMDC is the only mining company operating in this region at Deposit-5, 10, 11, 14 and 14 NMZ spread over an area of 25.53 sq. km. Recently, the State Government has successfully auctioned Bailadila Iron Ore Deposits 1A, 1B, and 1C in March 2025. Additionally, Deposits 3 and 8 are likely to be granted in the near future.
- The Maximum Production Level is directly linked to availability of total mineable reserves, annual production capacity through mechanized way, stockpiling capacities, mechanized loading & transportation and sufficient environment friendly evacuation capacities up-to the end-user Plants.

Thus, in view of the above, the proposed ecological study to determine the maximum permissible production level for the entire Bailadila Mountain Range may not be feasible till complete exploration and determination of projected production capacity is ascertained for the remaining Deposits (newly auctioned / to be auctioned / to be granted) in a holistic manner. Accordingly, the instant proposal of Deposit-4 should not be linked with the proposed study at this stage. The study may be suitably undertaken by the State Government in the future, based on the development and progress of all other upcoming iron ore mines in the Bailadila Mountain Range.

- ➤ The Union Cabinet chaired by the Prime Minister has given its approval for National Steel Policy (NSP) 2017 on 03.05.2017. The New Steel Policy, 2017 aspires to achieve 300 MT of crude steel-making capacity by 2030. This will necessitate production of about 450 480 million tonnes of iron ore annually. Further, in the projected scenario for FY47, it is anticipated that there will be a domestic demand of ~500 MT of Crude Steel and same will necessitate requirement of about 750 800 MT of the Iron Ore annually.
- As per its vision plan in line with the National Steel Policy-2017, NMDC has planned to increase its production capacity to 100 million tons by 2030, which includes 58 MT from NMDC Mines and 28 MT from NMDC-CMDC Ltd. Mines (Deposit-4 and 13) from Bailadila Sector and remaining from the Karnataka Mines. NMDC's expansion plan from present 45 MT to 100 MT shall cater to about 30% of the additional Iron Ore requirement by 2030. However, in spite of the challenging growth plan of NMDC, there shall be a substantial short fall in supply of Iron Ore required by 2047.
- NMDC has already invested in creating sufficient infrastructural facilities for processing and evacuation of Iron Ore. The details of existing / proposed evacuation modes are furnished below.

S. No	Mode of Iron Ore Transportation	Planned Capacity (In MTPA)	Remarks
1	Rail	60	NMDC has funded Rs.1550 Cr for doubling of KK line between Kirandul to Jagdalpur for 150 km stretch and Rs.186 Cr between Jagdalpur to Ambagaon for 25 km stretch, covering a total distance of 175 km for Iron Ore transportation which will enhance the capacity of railway line up to 60 MTPA.
2	Road	~ 5	Chhattisgarh Parties
3	Slurry Pipe Line (AMNS)	8	Presently operated by AMNS. After completion of Sl.No.4 shall be used by NMDC for transportation of its Iron Ore as per MoU signed on 25.03.2025.

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S. No	Mode of Iron Ore Transportation	Planned Capacity (In MTPA)	Remarks
4	Slurry Pipe Line (AMNS)	14	To be constructed by AMNS. MoU already signed by NMDC with AMNS on 25.03.2025 for supply of Iron Ore through this Slurry Pipeline for their upcoming ISP at Anakapalle district, Andhra Pradesh.
5	Slurry Pipe Line NMDC	15	A 15 MTPA Slurry pipeline from Bacheli to Jagdalpur, Beneficiation Plant at Bacheli including a 2 MTPA Pellet Plant at Nagarnar are under construction.
****	Total	~ 102	

From the above it can be summarised that about 43% of the Iron Ore Production shall be evacuated through Slurry Pipe line which is most eco-friendly mode of transportation. Out of the remaining quantity maximum will be handled through Rail.

An abstract of expenditure planned (in Rs. Crores) by NMDC Limited on proposed infrastructures for Bailadila area are given below –

S. No.	Description	Kirandul	Bacheli	NCL (Dep-13 & Dep-4)	Nagarnar (N) & Vizag (V)
1	Production Infra	680.00	15052.50	15750.00	-
2	Rail Evacuation Infra	317.60	4383.20	#0	-
3	Doubling of KK Line and Jagdalpur to Rowghat line	17	36		
4	Slurry Pipeline	2441.00	323.00	-	15295.00
5	Township Infra	923.26	1815.00	1000.00	-
	Sub-Total	4361.86	21573.7	16750	15295
	Grand-Total		5971	6.56	

4. As per DSS analysis, 235 Ha DFL proposed for Compensatory Afforestation has been found to be Medium Dense Forest (MDF). In this regard, the state shall provide suitable area for compensatory afforestation as per applicable guidelines.

To be clarified by State Forest Department.

5. The tree fern area has not been included in the diversion proposal. In this regard, justification for not excluding the said area from the mining lease shall be submitted.

Though, Letter of Intent for the Mining Lease of Deposit-4 has been issued for an area of 646.596 Ha, however, an area of 76.4960 Ha has been excluded from the Mining Lease while applying for the Forest Land diversion. This has been done for purpose of "Tree Fern conservation". It may be noted here that Grant Order for the Mining Lease by the State Government will be issued only for that area for which Forest Clearance will be available i.e. in the instant case only for 570.100 Ha. Accordingly, Mining Lease for Bailaddia Iron Ore Deposit-4 will be executed and registered over an area of 570.100 Ha only.

Part of the area included in the earlier diversion proposals is overlapping with the instant project.
 The details of the said area and the components for which it is being used and its proposed future land use shall be provided.

For the purpose of Pump-House and Water Pipe line over an area of 4.68 Ha, Forest Clearance Vide Order No. 8B/16/2002-FCW/678, dated- 14.03.2002 had been obtained by the NMDC Ltd. An area of 2.452 Ha out of the old FC obtained by the NMDC Ltd. is overlapping with the present Forest Diversion proposal of the Bailadila Iron Ore Deposit-4 of the NMDC-CMDC Ltd. Copy of the said FC is enclosed as **Annexure-2**. This Pump House and Water Pipe Line along-with supporting Electricity Line were constructed for the purpose of the Deposit-10 of the NMDC Ltd. The same is shown in Pink Colour in the below shown Map.



Somewhere in the year 2008 Naxals had blown up this Pump House and part of the water pipe line. Since, then this infrastructure is not in use by NMDC Ltd. However, part of the Pump-House facility has been planned to be used for the purpose of Bailadila Iron Ore Deposit-4 of the NMDC-CMDC Ltd.

Annexure-1

Certified ROM Production figures for Deposit-14 and 14 NMZ by Mining Officer – Dantewada

Production figure for Deposit-14 ML of NMDC Limited, BIOM, Kirandul Complex

Financial Year	Production (Lakh Tonne)
2021-22	25.46
2022-23	27.32
2023-24	30.59

खनि अधिकारी जिला दक्षिण बस्तर दंतेवाडा Mining Officer Distt. South Bastar Dantewada (C.G.)

Production figures for Deposit-14 NMZ of NMDC Limited, BIOM, Kirandul Complex

Financial Year	Production (Lakh Tonne
2021-22	53.92
2022-23	53.46
2023-24	52.92

खनि अधिकारी जिला दक्षण बस्तुर हारेखुड़ा Mining Of Fit all star Dantewada (C.G.)

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Certified ROM Production figures for Deposit-5 by Mining Officer – Dantewada

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Production Figures for Deposit-5 Mine of NMDC Limited, Bailadila Iron Ore Mine, Bacheli Complex

Financial Year	Production (Million Ton) RoM	
2018-19		
2019-20	7.62	
The state of the s	7.84	
2020-21	8.04	
2021-22		
2022-23	8.32	
	8.66	

Mining Officer
Bistt. South Bastar Dantewada (C.G.)

Production figure for Deposit-5 ML of NMDC Limited, BIOM, Bacheli Complex

Financial Year	Production
2023-24	(Million Tonne) ROM
2023-24	9.33

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Certified ROM Production figures for Deposit-10 by Mining Officer - Dantewada

Production figures for Deposit-10 ML of NMDC Limited, BIOM, Bacheli Complex

Financial Year	Production
	(Million Tonne) ROM
2021-22	5.83
2022-23	4.91
2023-24	5.41

खनि अधिकारी

जिला दक्षिण बस्तर दंतेवाड़ा

ROM Production figures for Deposit-11 from IBM Annual Return for FY21-22

FORM H-1 For the financial Year 1st April 2021 to 31st March 2022 ANNUAL RETURN [See rule 45(5) (b) (i)]

(Read the instructions carefully before filling the particulars)

To

(i) The Regional Controller of Mines
Indian Bureau of Mines
Nagpur Region,
PIN:

.

(Please address to Regional Controller of Mines in whose territorial jurisdiction the mines falls as notified from time to time by the Controller General, Indian Bureau of Mines under Rule 62 of the Mineral Conservation and Development Rules, 1988)

(ii) The State Government of Chhattisgarh

Part - I (General and Labour

(General and Labour)		
 Details of the Mine 		
(a) Registration Number	IBM/270/2011	
(b) Mine Code	30CHG03002	
(c) Name of the Mineral	IRON ORE	
(d) Name of Mine	DEPOSIT 11 ML	

Part - VI (PRODUCTION, DISPATCHES AND STOCK)

1. Type of Ore Produced

Type of ore produced: (a) Hematite

2. Production and Stocks of ROM ore at Mine-head (IRON ORE (Hematite))

Category	Opening stock (in tonne)	Production (in tonne)	Closing stock
a) Open Cast Workings	395615.000	6593962.000	816379.000
b) Dump Workings	0.000	0.000	0.000

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ROM Production figures for Deposit-11 from IBM Annual Return for FY22-23

FORM G-1

[See rule 45(5)(c)(i)]

For the financial Year 1^{st} April, 2022 to 31^{st} March, 2023 ANNUAL RETURN

[To be used for minerals other than Copper, Gold, Lead, Pyrites, Tin, Tungsten, Zinc and precious and semiprecious stones]

To

 The Regional Controller of Mines Indian Bureau of Mines Raipur Region. PIN:

Please address to Regional Controller of Mines in whose territorial jurisdiction the mines falls as notified from time to time by the Controller General. Indian Bureau of Mines under rule 66 of the Mineral Conservation and Development Rules, 2017)

(ii) The State Government of Chhattisgarh

PART - I (General)

1. Details of Mine:	3
(a) Registration number allotted by Indian Bureau of Mines (to give registration number of the Lessee-Owner)	fBM/270/2011
(b) Mine Code (allotted by Indian Bureau of Mines)	30CHG03002
(c) Name of the Mineral	IRON ORE
(d) Name of Mine	DEPOSIT 11 ML

PART-VI (PRODUCTION, DESPATCHES AND STOCKS) (IRON ORE (HEMATITE))

(To be submitted separately for each mineral)

(Unit of Quantity in Tonnes)

1. Type of ore produced:

(Applicable for Iron ore only; tick mark whichever is applicable)
(a) Hematite

2. Production and Stocks of ROM ore at Mine-head

Category	Opening stock	Production	Closing stock
(a) Open Cast workings	738823.000	6865190.000	480647.000
(b) Underground Workings	0.000	0.000	0.000
(c) Dump workings	0.000	0.000	0.000

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ROM Production figures for Deposit-11 from IBM Annual Return for FY23-24

FORM G-1

[See rule 45(5)(c)(i)]

For the financial Year 1st April, 2023 to 31st March, 2024 ANNUAL RETURN

[To be used for minerals other than Copper, Gold, Lead, Pyrites, Tin, Tungsten, Zinc and precious and semiprecious stones]

To

 (i) The Regional Controller of Mines Indian Bureau of Mines Raipur Region.
 PIN:

(Please address to Regional Controller of Mines in whose territorial jurisdiction the mines falls as notified from time to time by the Controller General, Indian Bureau of Mines under rule 66 of the Mineral Conservation and Development Rules, 2017)

(ii) The State Government of Chhattisgarh

PART - I (General)

1. Details of Mine:	
(a) Registration number allotted by Indian Bureau of Mines (to give registration number of the Lessee-Owner)	IBM/270/2011
(b) Mine Code (allotted by Indian Bureau of Mines)	30CHG03002
(c) Name of the Mineral	IRON ORE
(d) Name of Mine	DEPOSIT 11 ML

PART-VI (PRODUCTION, DESPATCHES AND STOCKS) (IRON ORE (HEMATITE))

(To be submitted separately for each mineral)
(Unit of Quantity in Tonnes)

1. Type of ore produced:

(Applicable for Iron ore only; tick mark whichever is applicable)
(a) Hematite

2. Production and Stocks of ROM ore at Mine-head

			100
Category	Opening stock	Production	Closing stock
(a) Open Cast workings	480647.000	7719017.000	785274.000
(b) Underground Workings	0.000	0.000	0.000
(c) Dump workings	0.000	0,000	0.000

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Annexure-2



HITH HTHIT GOVERNMENT OF INDIA

पर्यावरण एवं वन मंत्रालय MINISTRY OF ENVIRONMENT & FORESTS भेशीय कार्यालय, पश्चिम वे । Regional Office, Western Region E-3/240, अरेरा कालोनी Arera Colony भोपाल Bhopal-462016 (म. प्र.) M. P. सार/Telegram: CENTFOREST

Dt. 14.3-2002,

दूरभाष/Phone : 466525, 463102 465496, 465054 Tele Fax : 0755-463102

कमाक : ३बी/16/2002-एकसोडब्ब्य्/ 678 प्रति,

> प्रधान सचिव. छत्तीयगढ़ शासन. वन विभाग. डी०क० भवन. रायपुर ।

विषय: बंतेवाड़ा जिले में राष्ट्रीय खनिज विकास निगम बंलाडोला द्वारा कक्ष क0 667, 676 व 677 में रोकानी नाला पर पेप बाउस एवं पाइप लाइन निर्माण हेतु 4.68 हैं0 वनभूमि का पत्यावर्तन । महोदय.

मुक्ते नोडल अधिकारी छत्तीसगढ़ शासन के उक्त विश्वयक पत्रीक खनिज/78 दिनांक 17.1.2002 का संदर्भ ग्रहण करने का का निदेश हुआ है जिसके द्वारा वन (संरक्षण) अधिनियम , 1980 की धारा-2 के अन्तर्गत केन्द्र सरकार के अनुमोदन का अनुरोध किया गया था।

राज्य सरकार के प्रस्ताव पर सावधानीपूर्वक विचार करने के परचात आगंहस्ताक्षरी द्वारा केन्द्र सरकार की ओर से देतेयाड़ा जिले में राष्ट्रीय खनिज विकास निगम बेलाडीला द्वारा शंकनी नाला पर पंप हाउस एवं पाइप लाइन निर्माण हेतू कक्ष क्यांक 667, 676, 677 में 4.68 है0 जन भृति के प्रत्यावर्तन के प्रस्ताय पर एतपदारा निन्नलिखित रार्ती पर सिद्धान्तत: सहमति दो जाती है :-

- वन भूमि का वंधानिक स्वरूप अपिरवर्तित रहेगा ।
 वन विभाग हारा उपयोगकर्ता के खर्च पर देतेबाड़ा जिले के क्षेपार्टमेंट नं0 पी-1052.
 परिसंत्र बचोली जिला देतेबाड़ा की 9.36 ई0 वन भूमि पर क्षतिपूरक वृक्षारापण किया जायेगा।
- उपयोगकर्ता वर्तमान मजद्री दर से क्षितपुरक नृक्षारोगण की लागत राशि थन विभाग के पास पेशमी जमा करेंगे तािक बृक्षारोगण किया जा सके ।
- अन्द्रीय प्रदूषण नियंत्रण सोर्ड/राज्य प्रदूषण नियंत्रण सोर्ड/ पर्यावरण एवं वन मंत्रालय भारत सरकार के निर्देशों के अनुसार एन०एम०डी०सी० को दृषित पानी को दृष्टिमेंट करने की व्यवस्था करनी होगी।
- कलंक्टर जिला व-तंबादा के पत्र विनांक 13.10.99 में लगाई गई शर्तों का पालन करना होगा ।

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- ं. वनभूमि का उपयोग प्रस्तावित कार्य कं अतिरिक्त अन्य किसी कार्य के लिए नहीं किया जायेगा।
- राज्य सरकार द्वारा लगाई अन्य कोई भी शर्त ।

राज्य सरकार द्वारा रार्त संख्या 3 की पूर्ति का अनुपालन प्रतिबेदन प्राप्त होने पर, इस प्रकरण का बन (संरक्षण)अभिनियम, 1980 की धारा -2 के अन्तर्गत औपचारिक अनुमोदन प्रदान किया जायेगा । यदि उक्त रार्त का पालन इस पत्र के निर्गत होने के S वर्ष के अन्दर नहीं किया जात तो यह अनुमोदन स्वत: निरस्त समझा। जायेगा ।

जब तक यह कार्यालय औपचारिक अनुमोदन न कर दे, राज्य सरकार द्वारा उपयोगकर्ता को वन भूमि के बनेत्तर उपयोग का आदेश जारी न किया जाये । भवदीय,

> (द्विजेन्द्र गुनार रामां) उप वन संरक्षक(केन्द्रीय)

प्रतिलिपि :-

 निदेशक (एफ.सी.), पर्यावरण एवं वन मंत्रालय. पर्यावरण भवन. सी.जी.ओ. काम्पलेक्स, लांदी रोड, नई दिल्ली- 110 003.

 मुख्य वन संरक्षक(भू-सर्वे) एवं नोडल अधिकारी. छत्तीसगढ़ शासन, वन विभाग, रायपुर को सुचनार्थ ।

वनमंडलाधिकारी. दंतवाडा वनमण्डल, दंतेवाडा (छतीसगढ) ।

. महाप्रयंथक, नंशनल मिनरत्स, डेव्हलपमेंट कार्पोरेशन लिमि० बैलाडीला, डिपोजिट नं० 10

एवं 11 ए. बचेली. जिला-देतेबाडा । स्थाप्त पुत्राविली ।

(हिजंन्द्र कुमार रार्मा) उप वन संरक्षक (केन्द्रीय)

Poral

भारत सन्दर्भ GOVERNMENT OF INDIA पर्योद्ध्यम एवं बन पंजालय MINISTRY OF ENVIRONMENT & FORESTS क्षेत्रीय कार्यास्त्रत, पश्चिम क्षेत्र Regional Office, Western Region E-3/240, अरेस कालोनी, Arera Colony भोपाल, Bhopal-462016. (म. प्र.) M.P दूरभाष/ Phone: 466525, 465496, 465054

तार/Telegram CENTFOREST फैक्स/Tele Fax : 0755-463102 E-mail : recfwr@sancharnet.in

at: 7/6/02

क्रमाज : ४वी/016/2002-एकसीडब्ल्यू/ / ३०७ पति

> प्रधान सचिव, छत्तीसगढ् शासन, वन विभाग, डी०कें० भवन, रायपुर ।

विषय: दन्तेयाड़ा जिले में राब्द्रीय खनिज विकास निगम, बैलाडीला को कक्ष क0 667, 676. व 677 में शंकनी नाला पर पंप हाउस एवं पाइप लाइन निर्माण हेतु 4.68 हैं। वनभूमि उपयोग पर देने बाबत् ।

संवर्भ: 1. इस कार्यालय का पत्रांक 8वी/016/2002-एकसीडब्ल्यू/678 विनांक 14.3.2002.

2. कार्या०मु०ब०सं०(भू-सर्वे)नोडल अभि०, रायपुर का पत्रांक भू.सर्वे/11/खनिब/25/30 ् विनास 7.5.2002

महादय,

क्पया उक्त विषयक प्रतांक खनिज/78 दिनांक 17.1.2002 का संदर्भ प्रहण करें जिसके द्वारा वन (संरक्षण) अधिनियम. 1980 की धारा-2 के अनार्गत केन्द्र सरकार के अनुमोदन का अनुरोध किया गया था।

कोन्द्र सरकार द्वारा उक्त यन भूमि को उल्लिखित उद्देश्य हेतु प्रत्यावर्तन के लिए, इस कार्यालय को उपर्युक्त संदर्भित पत्र (1) द्वारा, उसमें लगावी गयी शर्तों को अधीन, सिद्धान्ततः सहमति दी गयी थी । संदर्भित पत्र (2) द्वारा राज्य सरकार ने उक्त शर्तों की पूर्ति का अनुपालन प्रतिबेदन प्रस्तुत किया है ।

अतः दन्तंबाड्। जिले में राष्ट्रीय खनिज विकास निगम द्वारा बैलाडीला कक्ष क0 667. 676. व 677 में शंकनी नाला पर पंप हाउस एवं पाइप लाइन निर्माण हेतू 4.68 है0वनभूमि के वनेत्तर उपभोग के लिये बन (संरक्षण) अविनयम, 1980 की धारा-2 के अन्तर्गत अधीवस्ताक्षरी द्वारा निम्नालिखित शार्ती पर केन्द्र सरकार का औपचारिक अनुमोदन संप्रेषण किया जागा है:-

- वन भूति यह पैथानिक स्वरूप अपरिवर्तिक रहेगा ।
- 2. वन विभाग द्वारा उपयोगकर्ता के खर्च पर वंतेयाडा निले के कंपार्टपेनट नं0 पी-1052, परिक्षेत्र व्यवेली, जिला≽वंतेयाडा की 9.36 है0 वनभूमि पर इस पत्र के निर्गत होने के की वर्ष को उपन्य क्षतिपुरक चुआयोग्यण किया जायेगा ।

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- 3. कोन्द्रीय प्रदूषण नियंत्रण बोर्ड/राज्य प्रदूषण नियंत्रण बोर्ड/पर्यावरण एवं वन मंत्रालय भारत सरकार को निर्वेशों को अनुसार एन०एन०डी०को० को दूनित पानी का द्वीटमेंट करेने की व्यवस्था करनी होगी ।
- 4. कलेक्टर जिला दन्तेबाह्य के पत्र दिनांचा 13.10.99 में लगाई गई शर्तों का पालन करना होगा ।
- पनभूमि का उपयोग प्रस्तायित कार्य को छोड्कर अन्य किसी कार्य के लिए नहीं किया .
- 6. राज्य भरकार द्वारा लगाई अन्य कोई भी शर्त ।

भवदीय,

(द्विजेन्द्र कुमार रामां)

उप वन संरक्षक (केन्द्रोय)

प्रतिलिपि :-

ा निर्देशक (एफ.सी.),पर्यावरण एवं वन मंत्रालय, पर्यावरण भवन, सी.जी.ओ. कान्पलेक्स, प्राची रोड, गई दिएसी- 110 003.

2. मुस्य धन शंरवाक (भू-प्रयंध) एवं गोउल अधिकारी, छत्तीसमञ्जू शासन, चन विभाग, जेल चेड, रामपुर को सूचनार्थ ।

कनमंत्रलाभिकारी, वंतेबाहा बनमण्डल, वंतेवादा (छत्तीसगढ़) ।

च्यहापर्वधक, राष्ट्रीय छातिज विकास निगम, बेलाडीला, डिपोजिट नं0 10, एवं 11 ए०

चैकी पुलिला -वन्तेवाहा । छत्तीसगढ ।

मि ६ (विजेन्द्र कुमार शर्मा) उप पन संरक्षक(केन्द्रीय)

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छत्तीसगढ़ शासन वन एवं संस्कृति विभाग मंत्रालय, रायपुर

कमांक /व.सं./2002

रायपुर दिनांक / /2002

प्रति.

मुख्या वन संस्थाक . (भू—रार्वे) नोडल अधिकारी, व. सं. अ. —1980 छत्तीसगढ़ रायपुर

विषय:— दंतेवाडा जिले में राष्ट्रीय खनिज विकास निगम वैलाडीला द्वारा कक्षा क्र. 667, 676, 677 में शंखनीनाला पर पग्प हाऊस एवं पाईप लाईन निर्माण हेतु 4.68 है. वनभूमि उपयोग पर येने बाबत्।

संदर्भ :-- भारत सरकार पर्या. एवं वन मंत्रालय भीपाल का पत्र क्र. 8 बी. 16/2002 एफ. सी. उब्ल्यू 1309 दिनांक 7/6/2002.

विषयांकित प्रकरण में वन संरक्षण अधिनियम —1980 के अंतर्गत भारत सरकार पर्यावरण एवं वन मंत्रालय नई दिल्ली ने रांदर्गित पत्र द्वारा अंतिम अनुमति जारी की है। इस अनुमति के आधार पर शासन द्वारा निग्न शर्तो के अधीन 4.68 हेक्टेयर वन भूमि के व्यपवर्तन की अनुमति दी जाती हैं:—

- वन भूमि का वैधानिक स्वरूप अपिवर्तित रहेगा।
- यन विगाम द्वारा उपयोग कर्ता के खर्च पर दंतेवाङा जिले के कम्पार्टमेन्ट नं, पी— 1052, परिक्षेत्र बनेली जिला यंतेवाङा की 9.36 हैक्टेगर वनमूमि पर इस पत्र को निर्मत होने के दो वर्ष के अंदर क्षितिपूरक पृशारोगण किया जावेगा।
- केन्द्रीय प्रदूषण नियंत्रण बोर्ड/राज्य प्रदूषण नियंत्रण बोर्ड/पर्यावरण एवं वन मंत्रालय भारत शरकार के निर्देशों के अनुसार एन. एम. डी. सी. को दूषित पानी का ट्रीटमेंट करने की व्यवस्था करनी होगी।
- कलेक्टर जिला दंरोवाड़ा के पत्र दिगांक 13/10/99 में लगाई गई शर्तों का पालन करना होगा।
- वन भूमि का उपयोग प्रस्तावित कार्य को छोड़कर अन्य किसी कार्य के लिए नहीं किया जायेगा।
- आवेदक संस्थान से लिखित में वचन पत्र लिया जावे कि मविष्य में भारत सरकार/राज्य शासन द्वारा उपरोक्त शर्तों के अलावा जो भी शर्त अधिरोपित की जावेगी, आवेदक संस्थान उसे मान्य करने हेतु बाध्य होगा।
- प्रत्याशा मृत्य की राशि जामा करने के उपरांत ही वन भूमि आवेदक संस्थान/आवेदक को उपलब्ध करागा जावे।

(जयसिंह म्हरके) जपसचिव वन एवं संस्कृति विभाग

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