

PATNAIK MINERALS PVT. LTD.

CIN : U13209OR1989PTC002368

PMPL/MoEFCC/2023-24/73

Date: 17.04.2023

To

The Director,
Ministry of Environment, Forest and Climate Change,
IA Division, Govt. of India
Indira Paryavaran Bhawan
3rd Floor, Vayu Wing, Aliganj
Jorbagh Road, New Delhi – 110003

Sub: Compliance to additional details sought by Hon'ble EAC for Environment clearance of Mahulsukha Iron and Manganese Ore Block over an area of 390.317 Ha in village Randa, Rantha and Bhutuda under Bonai Sub-Division and Lahunipada Tahasil of Sundergarh District, Odisha. of M/s Patnaik Minerals Pvt. Ltd

File. No: J- 11015/75/2020-IA-II(M), Proposal No: IA/OR/MIN/180360/2020

Sir,

This is for your information that the application for Environment clearance of Mahulsukha Iron and Manganese Ore Block over an area of 390.317 Ha in village Randa, Rantha and Bhutuda under Bonai Sub-Division and Lahunipada Tahasil of Sundergarh District, Odisha. of M/s Patnaik Minerals Pvt. Ltd was made through online application vide proposal no. J- 11015/75/2020-IA-II(M) along with Form 2 and EIA Report under the provisions of EIA Notification, 2006.

The site visit has been conducted by the EAC sub committee on 18-21.02.2023 and the project was placed before the 11th EAC (Non-coal Mining) meeting. We are herewith complying to the suggestions and observation made by the Hon'ble committee which is attached herewith.

Anticipating necessary consideration of the project for environment clearance.

Thanking you,

Yours faithfully,

M/s Patnaik Minerals Pvt. Ltd.


B. MOHAPATRA
GENERAL MANAGER (P & C)
M/s Patnaik Minerals Pvt. Ltd.

COMPLIANCES ON CONDITIONS STIPULATED ON 11TH MEETING OF THE COMMITTEE OF THE RE-CONSTITUTION OF EXPERT APPRAISAL COMMITTEE FOR ENVIRONMENTAL APPRAISAL OF NON-COAL MINING PROJECTS ON 1ST TO 2ND MARCH'2023.

Sl. No.	Recommendation/ Condition	Compliance	Remarks																																		
1.	Project Proponent should construct all village roads within its lease area and the one that connects this mine with the all-weather road which connects with NH -215	The road within the lease area is 2 km long which has been constructed under DMF. The maintenance of the road is being/ will be carried out by the lessee. Further the all-weather road of 1 Km connects the lease area to OMC- Barsuan road will also be maintained by the lessee.	Photograph of the road attached. Annexure- 1																																		
2.	The project proponent should undertake a detailed study of the wildlife present in the area through any of the reputed national institute and prepare a comprehensive wildlife plan for the scheduled species	The guideline issued by The Principal Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden, Odisha vide Memo No. 9094/CWLW-FDWC-MISC-0028-2021, Dtd: 17.09.2021 and Memo No. 3337/CWLW-FDWC-MISC-0028-2021, Dtd: 16.04.2022, regarding implementation of site-specific wild life conservation plan, it has been directed that the concerned DFO will compile and co-ordinate the preparation of SSWLC plan for site specific project and the impact zone. As per the guideline the concerned DFO shall incorporate the recommendation received from PCCF & RCCF at the time of forwarding proposal and finalise the report. The financial implication for implementation of mitigation measure to be worked out by the DFO only. The animal passage area to be identified. Except the infrastructure cost in the SSWLCP all funds required for implementation of SSWLCP shall be deposited by UA in CAMPA fund as per rule. Based on the above said guideline, the SSWLCP is under scrutiny by DFO, Bonai.	Submission Letter and Guideline attached Annexure -2																																		
3.	The project proponent should construct retaining wall and garland drains alongside the existing dumping sites (active as well as non-active)	Earlier there were six nos. of dumps by previous lessee, out of which only dump -4 is active. The dumps which are not operating since long are found to have natural vegetation and have stabilized. We are exploring the non-active dumps and are hereby undertake to construct retaining wall and garland drain in due course of time. Garland drain of adequate size have been constructed and are running parallel to the retaining wall constructed. Total Length of 3826.709 mtr. of retaining wall have already been constructed (by Ex-Lessee and M/s Patnaik Minerals Pvt. Ltd.) along the toe of the active dump and non-active dumps. (Total proposal as per Approved Mining Plan for construction of retaining wall and garland drain are given below: <table><tr><th rowspan="2">Year</th><th colspan="2">Retaining Wall (Mtr.)</th><th colspan="2">Garland Darin (Mtr.)</th></tr><tr><th>Proposal</th><th>Actual</th><th>Proposal</th><th>Actual</th></tr><tr><td>2020-21</td><td>Nil</td><td>160</td><td>Nil</td><td>Nil</td></tr><tr><td>2021-22</td><td>270</td><td>460</td><td>350</td><td>120</td></tr><tr><td>2022-23</td><td>270</td><td>Nil</td><td>350</td><td>400</td></tr><tr><td>2023-24</td><td>Nil</td><td>NIL</td><td>NIL</td><td>280</td></tr><tr><td>2024-25</td><td>Nil</td><td>To be constructed as per requirement</td><td>Nil</td><td>To be constructed as per requirement</td></tr></table>	Year	Retaining Wall (Mtr.)		Garland Darin (Mtr.)		Proposal	Actual	Proposal	Actual	2020-21	Nil	160	Nil	Nil	2021-22	270	460	350	120	2022-23	270	Nil	350	400	2023-24	Nil	NIL	NIL	280	2024-25	Nil	To be constructed as per requirement	Nil	To be constructed as per requirement	Completed garland drain Photo attached Annexure- 3
Year	Retaining Wall (Mtr.)			Garland Darin (Mtr.)																																	
	Proposal	Actual	Proposal	Actual																																	
2020-21	Nil	160	Nil	Nil																																	
2021-22	270	460	350	120																																	
2022-23	270	Nil	350	400																																	
2023-24	Nil	NIL	NIL	280																																	
2024-25	Nil	To be constructed as per requirement	Nil	To be constructed as per requirement																																	

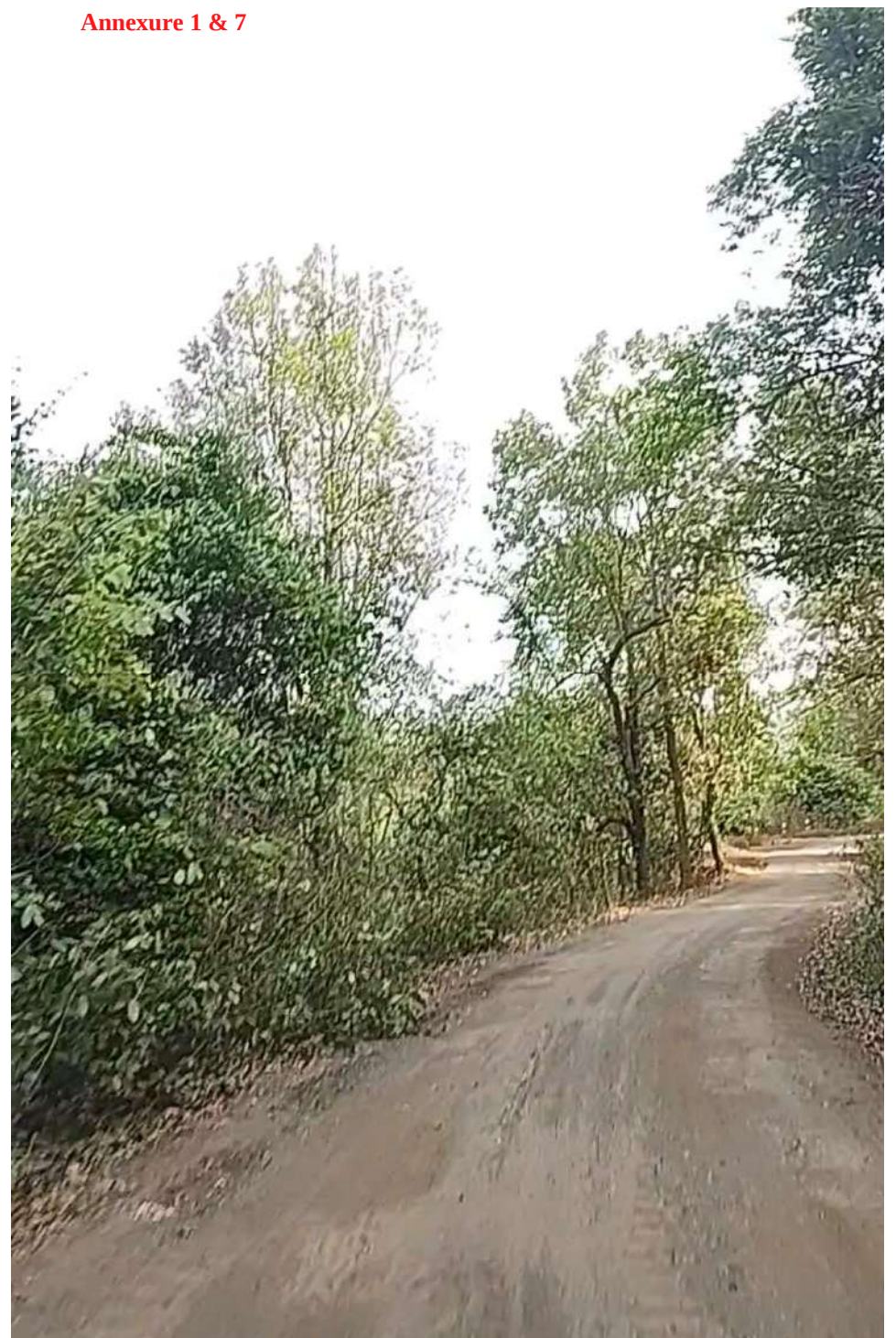
4.	Project Proponent should undertake plantation activates alongside the quarries. Permanent water sprinklers are to be placed alongside the plantation and haul roads. Plantation shall be re-conducted in consultation with the State Forest Department	Ex-Lessee had taken up intensive measures for the tree plantation in the project area. We, the Lessee so far planted 10,000 nos. of saplings in accordance with approved Mining Plan as gap plantation and block plantation on Dump- 4 and other vacated areas of the lease hold area. The plantation works are continuous process in vacant and stabilized dump of the lease area. Total 2,03,546 nos. saplings have already been planted in different parts of area including plantation done by previous lessee. Plantation details carried out during last 3 years is attached, However, the plantation will be done in vacant area of the waste dumps and alongside of haul road with consultation of State Forest Department. (Detail plantation plan) Necessary initiatives are being taken to install permanent water sprinklers alongside the plantation and haul roads (Total 50 nos. of sprinkler along the road side covering the length of 1.5 km). An undertaking for the same is furnished as Annexure:	Plantation details Annexure -4 Attached undertakings as Annexure- 5
5.	To reduce dust, water sprinkling is to be carried out at a regular interval. The muddy pavements alongside the approach road may either be grassed or permanent pavements may be created in consultation with local administration.	For dust suppression, effective measures like mobile water tanker (20KL) have been engaged for water sprinkling on the Mines Approach Road, Mines Quarry and Transporting Road thrice a daily. The muddy pavement along the approach road has been grassed and being maintained.	Photo of mobile water sprinkler attached Annexure- 6 Photograph of the road side grassing attached 7
6.	The Project Proponent should submit the DMG authenticated past production details since the inception of the mine	The Mahulsukha Iron & Manganese Ore mine is an auctioned mine. M/s Patnaik Minerals Pvt. Ltd has been awarded the Mahulsukha Iron & Mn Ore Block through auction process pursuant to the Mines and minerals (Development & Regulation) Act, 1957 and the Mineral (Auction) Rules, 2015. As per section 8B (2) of the MMDR Act 1957 read with rule 9A (4) of the Mineral (Other than atomic and Hydrocarbon Energy Minerals) Concession Rules, 2016, the State Government has issued vesting order and accordingly the mine has been commenced from 17.09.2020. Subsequent vesting order issued by Steel & Mines Department, Govt. of Odisha issue an another Vesting Order vide Order No. 2076/SM/SM-MCI-MIS.0017-2020, Dt: 07.03.2022. Authenticated past production details is attached.	Authenticated past production report and vesting order attached Annexure -8
7.	PP shall indicate the plan to mine the iron ore present in the dumps if any.	Yes. We will explore the Iron Ore dumps both active and dead as soon as get the permission from State Mining Department.	
8.	The Committee also recommended to take-up community and skill development activities in nearby villages and conducting rapid study need based assessment to achieve specific SDGs with the help of the local community	Public interaction is being done on regular basis and social welfare activities are done to meet the local communities. Further, basic amenities and infrastructure facilities like safe drinking water, dispensary, employment, supply of sports kits and training of skill development has been developed for better quality of life for the people residing nearby villages. Details of skill development activities planned and already carried out by M/s PMPL is attached	Detail skill development programme Annexure -9

9.	The Project Proponent should undertake Air and Noise quality monitoring at sensitive receptors and its quarterly review.	The Air and Noise quality monitoring at sensitive receptors are being conducted in monthly basis (As per MoEF& CC Guideline) and the report are also being submitted to Office of Regional State Pollution Board, Rourkela, Odisha and Member Secretary, State Pollution Control Board, Bhubaneswar along with the Half Yearly Compliance report. Half yearly compliance report for the period of April to September 2023 attached for reference	Half yearly compliance report attached Annexure -10								
10.	Strict compliance to Approved mining plan to be showcased through report annually	We are complying and do hereby undertake to comply all conditions as per the approved mining plan.									
11.	Plantations and social activity reports be submitted annually to IRO, Bhubaneswar of the Ministry	Plantation details (Name of localSpecies planted, Nos. of saplings planted during the reporting year, Survival Rate during the reporting year, Cumulative plantation, Cumulative Survival Rate) and social activity report is will behalfevery year to IRO, Bhubaneswar of the Ministry along with the half yearly compliance report.	Plantation details attached as Annexure 4								
12.	Project Proponent should put up permanent sprinklers alongside the haul roads and programme it such that water is sprinkled at regular interval for better dust suppression	Now, we are restricting our mining operation with production 40000 MT per annum of manganese ore. Mobile water tanker with 20KL capacity has been engaged for water sprinkling at a regular interval (thrice a daily) for dust suppression. To install permanent sprinklers alongside the haul roads, we have surveyed and a cumulative length of 1.5 km have been proposed to put up static sprinkler for better dust suppression. There is the planning for installation of water sprinklers as below: <table><tr><th>Location</th><th>No of Sprinklers</th></tr><tr><td>Along the DMF road</td><td>40 Nos</td></tr><tr><td>Near the Dump</td><td>10 nos</td></tr><tr><td>Along the internal haul road</td><td>50 nos</td></tr></table>	Location	No of Sprinklers	Along the DMF road	40 Nos	Near the Dump	10 nos	Along the internal haul road	50 nos	
Location	No of Sprinklers										
Along the DMF road	40 Nos										
Near the Dump	10 nos										
Along the internal haul road	50 nos										
13.	Project proponent shall construct the culvert for the nalas.	As per the proposal there will be two no's of culverts to be constructed out of which one culvert has already been constructed/operated and other is under the process of construction.	Photo attached Annexure- 11								
14.	Project Proponent needs to submit stage 1 FC for the entire Forest Area	We are on the process of transfer of already diverted forest land over 227.00 ha. As per guideline issued by MoEF& CC, we have submitted all related documents including transfer fee and request letter to the State Forest Department for transfer of aforesaid diverted area (227.00 ha) in our favour which is under consideration of Divisional Forest Officer, Bonai, in Sundargarh dist. After successful transfer of the same, we will go for the diversion of balance forest area including safety zone.	Detail status of forest clearance attached Annexure -12								
15.	The project proponent needs to undertake the carrying capacity of the existing road for carrying its ore to the final processing site	The processing unit for the Iron ore is located at Koira/Raigarh which is about 25 Km from the lease area. The lessee is hereby undertaking that the carrying capacity of the road connecting the lease area to the processing unit will be sufficient to carry the additional transportation load due to proposed mining operation. Further the lessee with the district administration will take the responsibility of the maintenance of the road.	Carrying capacity study report for existing road attached Annexure -13								
16.	The Project proponent was not able to answer most of the queries of the	The General Manager and the mines manager have been authorised to answer all information related to mining by the regulatory authority.									

	committee; accordingly, project proponent is advised to engage necessary technical manpower who may provide the information as and when sought by the regulatory authority.		
17.	The Project Proponent needs to provide the KML of the un-diverted forest land inside mine lease area clearing highlighting their boundaries along with coordinates	Attached	
18.	The project Proponent must provide safety equipments to its employees who are working in the mine lease area. No one should be allowed without their protective gear to work within the mine.	Adequate safety equipment's are being provided to the miners engaged in the mining area. It is also ensured that they will use the same while working. The employees are also given regular awareness training on Safety and Health aspect.	Photograph of Workmen with Safety equipments attached (Annexure -14
19.	The Project Proponent shall not exceed the production limit without any prior Environment Clearance	This is being strictly complied by the lessee.	
20.	The Project Proponent shall store and stack iron ore if any found during its mining	Agreed, during the mining activities, if any Iron ore found, will be stored, and stacked separately for doing the needful.	
21.	The Project Proponent should undertake plantation over dumps to stabilize them for preventing landslides.	Gap plantation by native species has been raised around dump areas, reclaimed areas, mine benches and along the roads with native trees has been encouraged for plantation. The Inactive dump slopes are vegetated with native species. In critical areas, use of geo textiles is being undertaken for stabilization of dumps.	New plantation on the dump photograph attached Annexure 15



ROAD SIDE (AVENUE) PLANTATION



MINES APPROACH ROAD



PATNAIK MINERALS PVT. LTD.
CIN : U13209OR1989PTC002368

PMPL/DFO/2022-23/284
DATE: 18.07.2022

To
The Divisional Forest Officer,
Bonai Forest Division
Sundergarh, Odisha

Sub: Submission of Site Specific Wildlife Conservation Plan in respect of Mahulsukha Iron & Manganese Ore Mines over an area of 390.317 ha. in village (s) Randa, Rantha and Bhutuda under Lahunipada Tahsil, Bonai Forest Division of Sunderagarh District, Odisha.

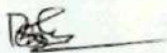
Dear Sir,

With reference to the captioned subject cited above, we are submitting herewith the Site Specific Wildlife Conservation Plan in respect of aforesaid Mines as per the stipulated condition - v (in Special Terms of Reference) of ToR granted by MoEF & CC vide Letter. No. J-110105/75/2020/IA.II (M), DT: 20.01.2020. This is for your kind observation and needful action.

Thanking You,

With Best Regards

For M/s Patnaik Minerals (P) Ltd.



B. Mohapatra
General Manage (P & C)

Encl. : Copy of (1Set) Site Specific Wildlife Conservation Plan

Received
a plan.
@Kishu
19.7.22

Received
19/7/22
Head Clerk
Bonai Forest Division

OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS (WILDLIFE) &
CHIEF WILDLIFE WARDEN, ODISHA

Department of Forest and Environment, Government of Odisha

PRAKRUTI BHAWAN, PLOT NO.1459, SAHEED NAGAR, BHUBANESWAR- 751007

Phone: 0674-2602250, Website: www.wildlife.odisha.gov.in, Email: odishawildlife@gmail.com

Memo No. 9094 /CWLW-FDWC-MISC-0028-2021

Dated, Bhubaneswar the 17 September, 2021

To

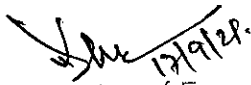
All Divisional Forest Officers (T/ WL)/

All Deputy Directors

Sub: Implementation of Site Specific Wildlife Conservation Plan

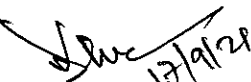
I am directed to inform that State Government in F,E & CC Department have approved revised guidelines for preparation of Site Specific Wildlife Conservation Plan. The guidelines shall be followed scrupulously which will come into effect from the date of its issue. A copy of FE&CC Department letter No.16250/FE&CC dt 13.09.2021 containing the above guidelines is enclosed herewith for information and taking follow up action at your end.

Encl: As above


Conservator of Forests

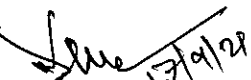
Memo No. 9095 /dt 17/09/2021

Copy alongwith its enclosure as above forwarded to all Regional Chief Conservator of Forests/ Director, Nandankanan Biological Park, Bhubaneswar for information and necessary action.


Conservator of Forests

Memo No. 9096 /dt 17/09/2021

Copy alongwith its enclosure as above forwarded to Principal CCF & HoFF, Odisha for information and necessary action.


Conservator of Forests



GOVERNMENT OF ODISHA

FOREST, ENVIRONMENT & CLIMATE CHANGE DEPARTMENT

No. FE-DIV-MISC-0024-2021- 16250 /FE&CC, Date 13/09/21

From

Sri Lingaraj Otta, IFS

Special Secretary to Government

To

The Principal Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden, Odisha, Bhubaneswar.

Sub: Implementation of Site Specific Wildlife Conservation Plan.

Sir,

I am directed to invite a reference to your OSWAS file bearing No.CWLW-FDWC-MISC-0028-2021 on the subject cited above and to say that the draft revised guidelines for preparation of Site Specific Wildlife Conservation Plan submitted by you has been approved by Govt.

A copy of the approved revised guidelines for preparation of Site Specific Wildlife Conservation Plan is enclosed for kind information and necessary action.

Yours faithfully,

13/9/2021
Special Secretary to Government



REVISED GUIDELINES FOR PREPARATION OF SITE-SPECIFIC WILDLIFE CONSERVATION PLAN

INTRODUCTION- During course of establishment of various developmental projects or expansion of existing projects a condition to prepare Site Specific Wildlife Conservation Plan (SSWLCP) is imposed by Government of India/State Government. This condition is imposed as part of Forest Land diversion clearance or Environmental Clearance. Aim and objective of this condition is to safeguard flora and fauna of the project area as well as in the impact area of the project by taking measures to mitigate adverse impacts of the project. Impact area is considered as area covering 10 km radius of the project.

Guidelines for Preparation of Site-Specific Wildlife Conservation Plan-

Guidelines for preparation of SSWLCP have been issued from time to time by office of PCCF Wildlife and Chief Wildlife Warden. Presently guidelines issued in the year 2015 are in operation. Basing on feedback from various stakeholders' revision of these guidelines was under active consideration. To streamline the process further and to rationalize the time taken for its preparation the following guidelines shall be followed from the date of issue of these guidelines.

Revised Guidelines-

1. Project Impact Area shall continue to be an area of 10 km radius from the project. However, in case of overlapping of impact area of a new project with impact area of existing project then this can be increased on the sides of non-overlap. Normally, impact area of two projects shall not overlap. In case, it is unavoidable, it shall be categorically mentioned while sending the proposal to PCCF WL and CWLW. Activities suggested in the overlapping area should be decided carefully to avoid any duplication.
2. In case of impact area falling in more than one division, DFO of the division having maximum area shall be the nodal DFO and shall co-ordinate and compile the SSWLCP for various divisions as proposed by them.
3. Duration of the plan shall be for 10 years.
4. In case of Forest Land diversion cases as per Forest Conservation Act, 1980 and rules, on receipt of proposal in Form-I, DFO concerned make a field visit to the area for assessing the condition of forest in the area, vulnerability of the forest area for erosion and status of presence of any Rare/Endangered/Unique species of flora and fauna. Based on such field visits, details are provided in Form-II by the DFO with his recommendations. It is stipulated that at the time of site inspection by the DFO, along with inspection of forest area to be diverted, impact area of the project (10 km radius of the project or as the case may be) shall also be inspected. Such inspection shall be aimed at assessing the presence of rare, endangered flora and fauna, movement patterns of mega fauna in the area. Impacts of the project on flora and fauna and mitigative measures which need to be put in place.



In case of linear projects animal passage plan shall be given due importance. Crossing of various faunal species should be assessed properly and locations and types of

interventions required should be decided as per requirement jointly with UA and in consultation with RCCF and should be enclosed with joint signature of DFO and UA. These details shall be mentioned in the appropriate section of form-II(7xi) either in the form itself or as an annexure to the form. Recommendations of DFO shall also specifically mention his views about need of SSWLCP for the project.

5. Such details along with a copy of form no I & II shall be sent to PCCF WL and CWLW at the time of forwarding of the proposal. Concerned RCCF, based on his site inspection or otherwise, if has additional points or disagreement with observations of DFO, can communicate the same to PCCF WL and CWLW for his consideration. In case, no such communication is received from RCCF at the time of forwarding of the proposal by him then it will be presumed that RCCF agrees with the observations and recommendations of the DFO.
6. Based on the inputs received from DFO and RCCF (if any) and as per information available with him, PCCF WL and CWLW shall give his views to Government of Odisha in F, E & CC department for taking decision about necessity or otherwise of the SSWLCP for the project.
7. In case, the condition for preparation of SSWLCP is imposed by Government of India/State Government, then the concerned DFO on the basis of his recommendations at the time of forwarding the proposal shall prepare the SSWLCP. For this purpose, mitigative measures suggested earlier need to be detailed and their financial implications shall be worked out. The animal passage related structures with their exact locations and dimensions shall be mentioned in the plan and the same will be executed by the User Agency. No financial cost needs to be indicated or realized from User Agency (UA) for the purpose of such structures for animal passage. Other than infrastructural items and items to be provided in kind, all funds required for implementation of SSWLCP shall be deposited by UA in CAMPA funds as per rules.
8. Indicative format for preparation of SSWLCP is enclosed as ANNEXURE.
9. Maximum time allowed to DFO for preparation of such plan shall be two weeks (one additional week's time to nodal DFO is allowed in case impact area falls in more than one division). DFO will send a copy of such plan to PCCF WL and CWLW and a copy is to be marked to RCCF and UA.
10. PCCF WL and CWLW shall approve such plan within two weeks of its receipt. In case it is felt necessary a meeting with UA, DFO and RCCF can be called by PCCF WLL and CWLW to finalize the plan. A copy of approved plan shall be sent to all concerned.
11. In case of preparation of SSWLCP under conditions imposed by EC, same procedure *mutatis mutandis* shall be followed

As in this case DFO concerned shall not have the benefit of previous site inspection etc. therefore in such cases time allowed to DFO is four weeks instead of two weeks. In case of such projects where forest land diversion is not involved, funds cannot be deposited in CAMPA A/c. In such cases at the time of submission of SSWLCP, DFO will submit a proposal to deposit funds in the A/C of "The Wildlife Society of Odisha" or other such account. Accordingly, PCCF WL and CWLW will submit proposal to Government for permission to deposit such funds.

12. INDICATIVE FINACIAL LIMITS- Excluding the cost of underpass/overpass or other such structures related to passage of wild animals following will be the indicative financial limits for the prescriptions of such SSWLCP.

- a) For projects with total cost of Rs. 1000 crore or more—up to 2% of the project cost
- b) For projects with total cost of more than Rs 500 crores but less than Rs. 1000 crore —up to 3% of the project cost or Rs 20 crore whichever is less
- c) For projects with total cost of more than Rs 100 crores but less than Rs.500 crores —up to 4% of the project cost or Rs 15 crore whichever is less
- d) For projects up to Rs 100 crore- up to 5% of the total project cost or Rs 4 crore whichever is less.

These are indicative maximum limits and are exclusive of infrastructural interventions like underpass/overpass to be constructed by UA.

ANNEXURE- SUGGESTED STRUCTURE OF SSWLCP

Chapter-I Introduction- It shall cover brief description of the project, its cost, location (beat, section and range in addition to distt, block GP etc), Nature and extent of land required. Conditions imposed in Stage -I or EC regarding SSWLCP.

Chapter-II- Project and Impact Area- Description of project area and its impact area covering location, land use, human habitations, flora, fauna, forests, other habitats and movement patterns of the megafauna, Wildlife corridors, HWC details in the area. Other projects or their impact area in the impact area of the project proposed.

Chapter-III- Probable Impacts of the Project on Flora and Fauna- Under this likely impacts of project and ancillary activities on flora and fauna and on movement of mega fauna shall be discussed.

Chapter IV- Mitigation Measures Required- In this mitigation measures required need to be detailed to counter the adverse impacts of the project along with its financial implication.

Chapter-IV A- Animal Passage Plan- In case of linear projects and other projects affecting movement of wildlife species the details of structures and their locations should be mentioned as per prescriptions of “Eco Friendly Measures to Mitigate Impacts of Linear Infrastructure on Wildlife” issued by Government of India.

Chapter V- Financial Implications and Monitoring- Total financial implications of proposals given and cash flow statement for 10 years (year wise) need to be given here. Also monitoring and evaluation and interim review provisions shall be mentioned.

Chapter-VI- Maps and Annexures- A topo sheet map 1:50000 scale showing project

area, Impact area, location of underpass/overpass, movement of megafauna, location of nearby Protected Areas, Wildlife Corridors etc need to be enclosed. In case of overlap of impact area with other projects an additional map showing location of existing project and its impact area and location of new project and its impact area shall be enclosed. Copy of Stage-I clearance or/and Environmental Clearance shall be annexed.

ANNEXURE 3: PHOTOGRAPH OF GARPAND DRAIN (NEWLY CONSTRUCTED)

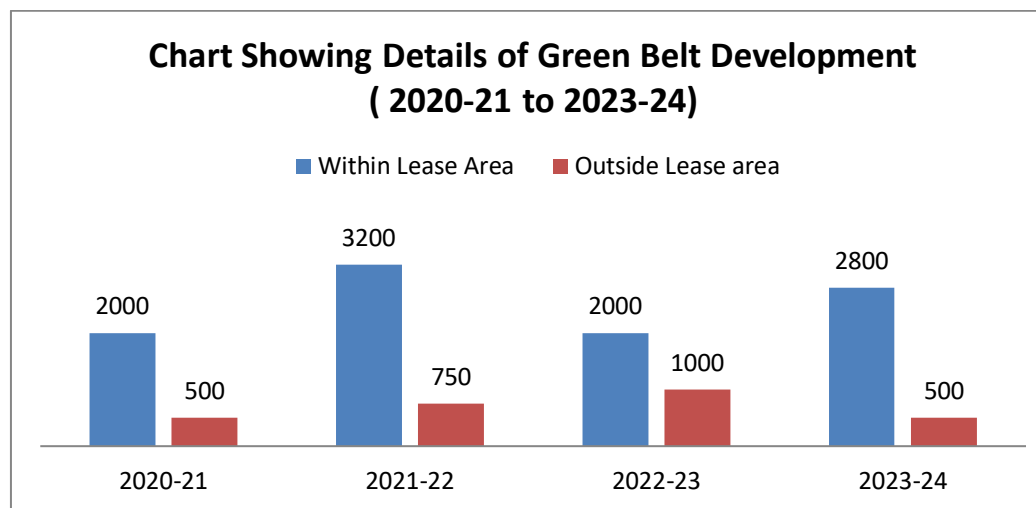


Annexure 4

**Plantation Details of Mahulsukha Iron & Manganese Ore Mines,
M/s Patnaik Minerals Pvt. Ltd. (2020-21 to 2023-24)**

Year	Total Nos. of Saplings Planted	Nos. of Saplings Planted within the Lease area	Nos. of saplings planted Outside/ Distribution	Survival Rate % within lease area	Survival Rate % outside lease area	Name of Species Planted	Name of Species Distributed to Local People
2020-21	2,500	2,000	500	82.80	85.00	<i>Shorea robusta, Dalbergia sissoo, Cassia tora, Azadirachta indica, Alstonia scholaris, Gliricidia sepium, Swietenia mahogani, Mangifera indica, Gmelina arborea, Psidium guajava , Phyllanthus emblica, Terminalia arjuna, Terminalia asana, Syzygium cumini, Pongamia pinnata, Royal poinciana, Madhuca indica, etc</i>	<i>Anacardium occidentale, Psidium guajava, Mangifera indica, Artocarpus heterophyllus, Dillenia indica, etc.</i>
2021-22	3,950	3,200	750	71.25	80.00		
2022-23	3,000	2,000	1,000	82.00	88.00		
2023-24	3,300	2,800	500	92.00	95.00		
Total	12,750	10,000	2,750	82.01	87.00		

Note : 1. Previously, Ex-Lessee have already been planted 1,96,746 nos. of saplings in different location within the Lease area.



PLANTATION PROGRAMME CARRIED OUT BY PMPL



BENCH PLANTTAION



PLANTATION (DEAD DUMP)



ROAD SIDE (AVENUE) PLANTATION



MINES APPROACH ROAD

PATNAIK MINERALS PVT. LTD.

CIN : U13209OR1989PTC002368

UNDERTAKING

We do hereby undertake for plantation activities alongside of the quarries. We also undertake for Permanent Water Sprinkler are to be placed alongside the plantation and haul road. Plantation shall also be re-conducted in consultation with the State Forest Department.

Date: 10.04.2023

For M/s Patnaik Minerals (P) Ltd.


B. MOHAPATRA
(Authorized Signatory)
M/S. PATNAIK MINERALS PVT. LTD.

ANNEXURE 6: MOBILE WATER SPRINKLERS



1no. Mobile Water Tanker of Capacity 20,000 Litre



2no. Mobile Water Tanker of Capacity 10,000 Litre



37
21/04/23OFFICE OF THE DEPUTY DIRECTOR OF MINES, KOIRA CIRCLE, KOIRA,
DISTRICT: SUNDARGARHE-mail: ddm.koira@orissaminerals.gov.inLetter No. 1217 / Mines, dt. 20/04 / 2023

From:

The Deputy Director of Mines,
Koira, Dist. – Sundargarh.

To

General Manager (P & C),
Mahulsukha Iron & Mn. Mines
M/s Patnaik Minerals Pvt.Ltd,
At/Po.-Baneikala, Joda,
Dist.-Keonjhar-758038.

Sub:

Submission of information on year-wise past production in respect of Mahulsukha Iron & Manganese Mines over 390.317 ha.(As per DGPS)/399.838 ha.(As per ROR) of Sundargarh District earlier held by M/s AMTC (P) Ltd. & Now held by new lessee M/s Patnaik Minerals Pvt.Ltd as desired by EAC,MoEF & CC, New Delhi.

Ref:

Letter No. DMO-MCIII-MACON-0040-2023-**5171/DoMG**, dated 10.04.2023 of Directorate of Mines & Geology, Odisha Bhubaneswar.

Sir,

With reference to the letter on the subject cited above, I am to provide herewith the information on year-wise past production in respect of Mahulsukha Iron & Manganese Mines over 390.317 ha.(As per DGPS)/399.838 ha.(As per ROR) of Sundargarh District earlier held by M/s AMTC (P) Ltd. & Now held by new lessee M/s Patnaik Minerals Pvt. Ltd as per the data available in this office(Separate copy enclosed).

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

Yours faithfully,

Encl: As above.

Memo.No. _____ / Mines, Dated. _____ / 2023. 20/04/23

Copy submitted to the Director of Mines & Geology, Odisha, Bhubaneswar for favour kind information with reference to his letter No. DMO-MCIII-MACON-0040-2023-**5171/DoMG**, dated 10.04.2023.

21
Deputy Director of Mines, Koira

Information on Year-wise Past Production of Manganese ore in respect of Mahulsukha Iron & Mn. Mines earlier held by M/s AMTC (P) Ltd. & Now held by new lessee M/s Patnaik Minerals Pvt.Ltd in Sundargarh District.

Financial Year	Actual Production Achieved (Manganese Ore in MT)	Remarks
1993-94	14,687.223	Production under taken by M/s AMTC (P) Ltd
1994-95	11,202.329	
1995-96	Nil	
1996-97	Nil	
1997-98	Nil	
1998-99	Nil	
1999-2000	Nil	
2000-01	21,823.093	
2001-02	25,066.390	
2002-03	19,535.320	
2003-04	12,125.188	
2004-05	15,256..470	
2005-06	10,725.506	
2006-07	7,053.391	
2007-08	9,244.825	
2008-09	12,542.012	
2009-10	22,827.992	
2010-11	33,614.251	
2011-12	17,118.431	
2012-13	10,559.867	
2013-14	17,103.164	
2014-15	1,947.262	Production under taken by M/s Patnaik Minerals Pvt. Ltd
2015-16	Nil	
2016-17	39,455.591	
2017-18	39,687.350	
2018-19	39,523.954	
2019-20	39,935.087	Production under taken by M/s Patnaik Minerals Pvt. Ltd
2020-21	39,985.000	
2021-22	39,550.000	
2022-23	39,990.000	

Deputy Director of Mines, Koira.

421
8-03-21

GOVERNMENT OF ODISHA
STEEL AND MINES DEPARTMENT

ORDER

No. 2076/SM, Dated
SM-MC1-MISC-0017-2020

07.03.2022

Whereas in pursuance to the "invitation of bids for grant of Mining Lease for Iron ore" dated 06.12.2019 issued by the Government and subsequent auction held on dated 08.02.2020, M/s. Patanaik Minerals Pvt. Ltd., the successful bidder has been granted a mining lease for Iron ore in respect of Mahulsukha Iron & Manganese Iron ore block over an area of 390.317 ha (as per DGPS)/399.838 ha (as per RoR) in village Randa, Rantha & Bhutuda under tehsil Lahunipada of Sundergarh district for the period of 50(Fifty) years as provided under section 8A, sub-section 2 of the Mines and Minerals Development and Regulation Act, 1957 vide order No. 5518/SM dated 29.06.2020.

And whereas, the lease deed has been executed and registered by the lessee.

And whereas, the new lessee was vested with all the valid rights, approvals, clearances, licences and the like vested in the previous lessee for a period of 2 (Two) years vide vesting order no. 4246/SM dated 30.05.2020.

And whereas, in the meantime section 8B of the MMDR Act, 1957 and Rule 9A of M.C. Rules, 2016 have been amended w.e.f. 28.03.2021 and 02.11.2021 respectively as noted below.

"8B (1); Notwithstanding anything contained in this Act or any other law for the time being in force, all valid rights approvals, clearances, licenses and the like granted to a lessee in respect of a mine (other than those granted under the provisions of the Atomic Energy Act, 1962 and the rules made thereunder) shall continue to be valid even after expiry or termination of lease and such rights, approvals, clearances, licenses and the like shall be transferred to and vested, subject to the conditions provided under such laws, in the successful bidder of the mining lease selected through auction under this Act.

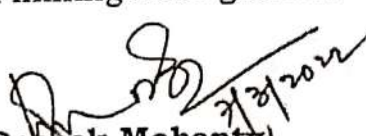
✓

Rule 9A (1) in sub-rule (1), for "in respect of leases expiring under the provisions of sub-sections (5) and (6) of section 8A of the Act, within one week from the date of the notification of the Minerals (Other than Atomic and Hydro Carbons Energy Minerals) Concession (Amendment) Rules, 2020" the words, figure and letter, "for the purpose of issuing vesting order for transfer and vesting of all valid rights, approvals, clearances, licences and the like in accordance with sub section (1) of section 8B" shall be substituted,

Rule 9A (5); It shall be lawful for the new lessee to commence and continue mining operation on the land in which mining operations were being carried out by the previous lessee, after the execution of the lease deed till expiry or termination of mining lease granted".

And whereas, the Director of Mines vide letter No. 1533/DM, dated 21.02.2022 has proposed to issue the modified vesting and transfer order in respect of Mahulsukha Iron & Manganese ore of M/s. Patanaik Minerals Pvt. Ltd.

Now therefore, in partial modification of the order as communicated vide vesting order no. 4246/SM dated 30.05.2020, the undersigned being the Nodal Officer for the State of Odisha having been nominated under rule 9A(1) of the Mineral (Other than Atomic and Hydrocarbon Energy Minerals) Concessions Rules, 2016 (herein after called the Rules 2016), do hereby, pursuant to the provisions contained in rule 9A(2) of the Rules, 2016 order that all the valid rights, approvals, clearances, licences and the like vested in the previous lessee in respect of the aforementioned mining block are deemed to have vested and transferred in favour of the holder of the letter of intent on the same terms and conditions of every rights, approvals, clearances, licences and the like which vested with previous lessee till expiry or termination of mining lease granted.

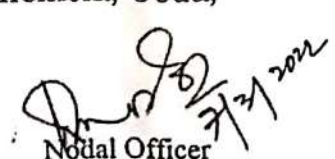

(Sri Deepak Mohanty)

Nodal Officer & OSD-cum-Special Secretary to Government

Memo No. 2077 /SM

Dated: 07.03.2022.

Copy to forwarded to M/s Patnaik Minerals Pvt. Ltd., Beneikela, Joda, Keonjhar-758038 for information and necessary action.


Nodal Officer

Memo No. 2078 /SM
Dated: 07.03.2022
Copy forwarded to Director of Mines, Odisha, Bhubaneswar for information and necessary action.

Memo No. 2079 /SM
Dated: 07.03.2022
Copy forwarded to Collector, Sundergarh/ DFO, Bonai/ Deputy Director of Mines, Koira for information and necessary action.

Memo No. 2080 /SM
Dated: 07.03.2022
Copy forwarded to Forest and Environment Department/ PCCF(Nodal), Bhubaneswar/Regional Controller of Mines, Indian Bureau of Mines, Bhubaneswar for information and necessary action.

**SKILL DEVELOPMENT PROGRAMME AT MAHULSUKHA IRON &
MANGANESE ORE MINES:**

Public interaction is being done on regular basis and social welfare activities are done to meet the local communities. Further, basic amenities and infrastructure facilities like safe drinking water, dispensary, employment, supply of sports kits and training of skill development has been developed for better quality of life of the people residing nearby villages.

Vocational Training Programme:

Vocational education and training is mandatory in mining. It is not just for the mining trades but more importantly, safety training that demands great attention.

- Vocational Training Programme being conducted by EZMA in our Mines.
- There are 48 nos. of mine workers from Mahulsukha Mines have been participated and also certified.

Skill Development towards Nearby Villagers:

Developing skills of informal sector workers has emerged as a key area of intervention to improve the quality of life.

- Empowerment among local women towards their self dependent by distribution sewing machines.
- Encouragement of Local Youth : By distribution of Sports Kits and conducting foot ball tournament among near by villages.

PATNAIK MINERALS PVT. LTD.

CIN : U13209OR1989PTC002368

PMPL/MoEFCC/23-24/138

Date: -08 /11/2023

To

The Regional Director
Ministry of Environment, Forest & Climate Change
Eastern Regional Office
A-3, Chandrasekharpur
Bhubaneswar – 751023

Sub: Submission of progressive compliance Report of the Project- Mahulsukha Manganese Ore Mines of M/s Patnaik Minerals Pvt. Ltd. on the implementation of the conditions stipulated on environmental clearance for the period from 01.04.2023 to 30.09.2023.

Ref. No.: Environment Clearance Letter no. J-11015/412/2005-IA, II (M) Dated 05.04.2007

Dear Sir,

With reference to the letter cited above, we are submitting herewith the Half Yearly Compliance Report for the period from 01.04.2023 to 30.09.2023 on the implementation of conditions stipulated on Environment Clearance along with Environment monitoring report in respect of our Mahulsukha Manganese Mines for your kind perusal.

With Regards

Yours faithfully
For M/s Patnaik Minerals Pvt. Ltd.


B.K.BEHERA
MANAGER. (F & E)

Encl: Compliance Report on EC stipulations for the period from 01.04.2023 to 30.09.2023.

Memo No. 739./PMPL/SPCB/23-24

Date: 08/ 11 /2023

Copy submitted to The Member Secretary, OSPCB, Parivesh Bhawan, A/118, Nilakantha Nagar, Unit – VIII, Bhubaneswar – 751012, Odisha for kind information.

For M/s Patnaik Minerals Pvt. Ltd.


B.K.BEHERA
MANAGER. (F & E)

**PROGRESSIVE COMPLIANCE REPORT OF THE PROJECT MAHULSUKHA MANGANESE ORE
MINES OF M/S PATNAIK MINERALS PVT. LTD. ON IMPLEMENTATION OF THE
ENVIRONMENT MEASURES FOR THE PERIOD
FROM DATED APRIL 2023 TO SEPTMEBR 2023 AS PER THE MINISTRY'S CLEARANCE
LETTER NO. J-11015/412/2005-IA.II (M), DATED : 05.04.2007**

Sl. No.	Specific Conditions	Compliances
i.	<i>All the conditions stipulated by the State Pollution Control Board in their Consent to establish should be effectively implemented.</i>	The stipulations of the CTO are being effectively implemented at our mine.
ii.	<i>The environmental clearance is subject to grant of forestry clearance. The project proponent shall obtain necessary forestry clearance under the Forest (Conservation) Act, 1980 for entire area of 340.332 ha forest land before starting mining operation in that area. Till such time mining activities shall be restricted to an area of 227.0 ha forestland for which forestry clearance has been obtained from the Ministry of Environment and Forests on 16.02.2005.</i>	As per Vesting Order issued by Steel and Mines Department, Govt. of Odisha vide Order No. 2076/SM/, Dated 07.03.2022 (Annexure – I). Previously, the area of 227.00 has been diverted in-favour of M/s AMTC (Annexure – II). We are doing all types of mining activities within the diverted area. Apart from this, we have applied for transfers of FC (Annexure- III) vide our Ltr. No. PMPL/DFO/2022-23/014, Dt: 04.04.2022 as per the Guideline Issued by MoEF & CC vide File No. 11-112/2021-FC (Pt) dated: 07.07.2021 (Annexure – IV). We have also applied for EC vide Letter No.: IA/OR/MIN/180360/2020 for Excavation of 1.5 MT/Annum of Manganese Ore and 1.00 MT/Annum of Iron Ore. We have completed all formalities in all respects and pending with MoEF & CC for final approval.
iii.	<i>The mining operations shall not intersect groundwater table, Prior approval of the Ministry of Environment & Forests and Central Ground Water Authority shall be obtained for mining below water table.</i>	At present, the working zone is at the level of 540 mRL however, the level of Groundwater is at 470 mRL. Hence, there is no chance of intersecting the ground water level.
iv.	<i>The project proponent shall ensure that no natural watercourse shall be obstructed due to any mining operations.</i>	The mining lease is hilly and undulated terrain and the elevation is ranging from 547 mRL to 604 mRL. The project has carried out a study on presence of natural spring/seasonal nallah in the lease area and based on findings, protection measures have been taken to control the flow of sediments in to Nandagira nallah which finally drained to Bhutuda Nallah, 1 st order streams. In this regard, we are maintaining the previously constructed check weirs and check dams.
v.	<i>Top soil, if any, shall be stacked properly with proper slope with adequate measures and should be used for reclamation and rehabilitation of mined out areas.</i>	There is no top soil has been generated at present and if there will be generation of top soil ,the adequate measures shall be followed for utilization of Top soil.
vi.	<i>The already generated over burden stacked at earmarked dump site(s) should be scientifically vegetated with suitable native</i>	After excavation, the over burden generated and will be stacked at earmarked dump site and vegetated scientifically by plantation of native

	<i>species to prevent erosion and surface runoff. The waste likely to be generated in future shall be backfilled. The maximum height of the dump should not exceed 15 m having 3 terraces of 5 m each. The overall slope of the dump shall not exceed 28°. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status should be submitted to the Ministry of Environment & Forests and its Regional Office, Bhubaneswar on six monthly basis.</i>	species like Chakunda, Gambhar, Sissoo, Guava, Amla, Simarua etc. to check the soil erosion and surface runoff. The overall slope of the dump will not exceed 28°. In critical areas the dump will be stabilized by geo-textile coir mating.  Coir-mating and Grass seeding
vii.	<i>Catch drains and siltation ponds of appropriate size should be constructed to arrest silt and sediment flows from mine working, OB and mineral dumps. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains should be regularly de-silted particularly after monsoon and maintained properly.</i> <i>Garland drain (size, gradient and length) shall be constructed for mine pit, OB and mineral dumps and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits should be constructed at the corners of the garland drains and de-silted at regular intervals.</i>	There are perennial water courses near the working zone. To prevent flow of fine particles from OB/Waste dumps through surface runoff, check dams, parapet walls along with garland drains have been constructed. The Runoff water is channelized through constructed garland drains, allowed settling of silts at the settling ponds through the use of flocculants before discharge to nearby water courses. The settling ponds are de-silted at regular intervals. The stored water in the settling ponds are utilized for green belt development.
viii.	<i>Dimension of the retaining wall at the toe of dumps and OB benches within the mine to check run-off and siltation should be based on the rain fall data.</i>	Retaining wall has been constructed around the toe wall of OB dumps to check runoffs. The details of location and length of the retaining wall has been furnished below:



Retaining Wall at Dump-4



		 Construction of Retaining Wall
ix.	<i>Plantation shall be raised in an area of 366.784 ha including a green belt of adequate width by planting the native species around ML area, OB dumps, roads, reclaimed area etc. in consultation with the local DFO / Agriculture Department. The density of the trees should be around 2500 plants per ha.</i>	Over burden generated during course of time will be stabilized by Massive plantation, Geo-textile Coir mat, Grass seedling, etc.  Massive Plantation At Mines Office Premises  Plantation over Dump-4
x.	<i>The project authority should implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.</i>	Rain water harvesting pond with provision of ground water recharge has been developed for conservation and augmenting ground water resources.
xi.	<i>Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring should be carried out four times in a year – pre-monsoon (April – May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected</i>	Ground water quality and fluctuation test have been conducted four times in a year – pre-monsoon, post-monsoon and winter through M/s Kalyani Laboratory (P) Ltd., Bhubaneswar, Odisha and results are being submitted to respective offices. (Analysis of Ground Water Report from April 2023 to September – 2023 is annexed in Annexure – V)

	<i>may be sent regularly to the Ministry of Environment and Forests, its Regional Office, Bhubaneswar, Central Ground Water Authority and Regional Director, Central Ground Water Board.</i>	
xii.	<i>Permission from the competent authority should be obtained for drawl of water from Bhutuda nallah and ground water, if any.</i>	We have obtained NOC from Central Ground Water Authority vide NOC No. CGWA/NOC/MIN/ORIG/2022/15067, Dated: 09.04.2022 (Annexure – VI). Subsequently, We are under process for permission from the Office of Executive Engineer, Sundergarh for drawl of water from Bhutuda Nallah. We are drawing water from ground water source for domestic use.
xiii.	<i>Suitable Rain water harvesting measures on long term basis shall be planned and implemented in consultation with Regional Director, CGWB.</i>	Four perennial nallahs flow within the ML area in a dendritic pattern providing plenty of water. Apart from these we are in the process of adopting roof top rain water harvesting in consultation with the Regional Director, CGWB.
xiv.	<i>Vehicular emission should be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. Then vehicles should be covered with a tarpaulin and shall not be overloaded.</i>	Vehicles used in mining operations and mineral transportations are properly maintained and regularly monitored and the vehicular emissions are found to under control. (PUC of some vehicles are annexed in Annexure – VII)
xv.	<i>Blasting operation should be carried out only during the day time. Controlled Blasting should be practiced. The mitigative measures for control of ground vibrations and so arrest fly rocks and boulders should be implemented.</i>	We have adopted suitable blasting is being practice at our mines. Controlled blasting is being carried out by restriction of explosive charge in the holes. To control ground vibrations and to arrest fly rocks, advanced system is used for blasting at Mines.
xvi.	<i>Drills shall either be operated with dust extractors or entrapped with water injection system.</i>	We have adopted wet drilling system to control the emission of dust at source.
xvii.	<i>Digital processing of the entire lease area using remote sensing technique should be done regularly once in three years for monitoring land use pattern and report submitted to Ministry of Environment and Forests and its Regional Office, Bhubaneswar.</i>	Digital processing of the entire lease area using remote sensing technique has been done by ORSAC, Bhubaneswar. As lessee has changed, so it is under process for the same.
xviii.	<i>Consent to operate should be obtained from SPCB, prior to start of production from the mine.</i>	We have obtained the CTO vide Order No. 4940/IND-I-CON-2254, DT: 28.03.2023. (Annexure – VIII)
xix.	<i>Sewage Treatment Plant should be installed for the colony. ETP should also be provided for workshop and waste water generated during mining operation.</i>	There is provision of Sewage Treatment Plant for colony. Domestic effluents are being passed through soak pits and septic tanks with no discharge to outside. We have no permanent workshop at the mine site and there is no waste water generating during mining operation.
xx.	<i>The project proponent shall take all precautionary measures during mining</i>	We have all precautionary measures during mining operation for conservation and protection

	<i>operation for conservation of endangered fauna such as elephant, sloth bear, spotted deer, leopard, Indian Python etc. appeared in the study area. Action Plan for conservation of flora and fauna shall be prepared and implemented in consultation with the State Forest and Wildlife Management Plan and/or Regional Wildlife Management Plan of the State Government shall be made and the funds so allocated shall be included in the project cost. Copy of Action Plan may be submitted to the Ministry and its Regional Office, Bhubaneswar within 3 months.</i>	of endangered fauna. Action plan has been prepared for conservation of flora and fauna in the forest area in consultation with local State Forest and Wildlife Department. Wildlife conservation plan has already been submitted to Divisional Forest Office, Bonai Forest Division having our Letter no. PMPL/DFO/2022-23/287, Dated 18/07/2022. (Copy annexed as Annexure – IX)
xxi.	<i>A final mine closure plan along with details of Corpus fund should be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure for approved.</i>	The same will be followed
	GENERAL CONDITIONS	
i.	<i>No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment & Forests.</i>	The same has been strictly followed up.
ii.	<i>No change in the calendar plan including excavation, quantum of mineral manganese ore and waste should be made.</i>	The same has been followed.
iii.	<i>Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RPM, SPM, SO₂ & NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.</i>	We are under process of establishment of Ambient Air Quality monitoring Stations.
iv.	<i>Data on ambient air quality (RPM, SPM, SO₂ & NO_x) should be regularly submitted to the Ministry including its Regional office located at Bhubaneshwar and the State Pollution Control Board / Central Pollution Control Board once in six months.</i>	Data on ambient air quality (RPM, SPM, SO ₂ & NO _x) regularly submitted to the Ministry including its Regional office located at Bhubaneshwar and the State Pollution Control Board / Central Pollution Control Board once in six months. (Copy Enclosed from the period from April 2023 to September - 2023 as Annexure – X)
v.	<i>Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.</i>	Fugitive dust emissions from all the sources are being controlled regularly by Water spraying arrangement on haul roads, loading and unloading and at transfer points is being provided and properly maintained. (Copy Enclosed as Annexure – X)
vi.	<i>Measures should be taken for control of noise levels below 85 dBA in the work</i>	Measures are taken for control of noise levels below 85 dBA in the work environment.

	<i>environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/ muffs.</i>	Workers engaged in operations of HEMM, etc. by providing with ear plugs/ muffs. Annexure – XI (April 2023 to September 2023)
vii.	<i>Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.</i>	Industrial waste water (workshop and waste water from the mine) is being properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May, 1993 and 31 st December, 1993 or as amended from time to time. Oil and grease trap has been installed before discharge of workshop effluents.
viii.	<i>Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training, and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.</i>	Personnel working in dusty areas are following precautionary measures by using protective respiratory devices and adequate training and information on safety and health aspects are provided to them. Occupational health surveillance program of the workers are also being conducted periodically to observe any contractions due to exposure to dust and take corrective measures.
ix.	<i>A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.</i>	A separate environmental management cell with suitable qualified personnel has been set-up under the control of a Senior Executive and report directly to the Head of the Organization.
x.	<i>The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Bhubaneshwar.</i>	The funds earmarked for environmental protection. measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Bhubaneshwar.
xi.	<i>The project authorities should inform to the Regional Office located at Bhubaneshwar regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.</i>	This will be taken care of.
xii.	<i>The Regional Office of this Ministry located at Bhubaneswar shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the required data/ information / monitoring reports.</i>	We are extending full cooperation in all aspects to the officers of the Regional Office of the Ministry visiting our mine.
xiii.	<i>The project proponent shall submit six monthly report on the status of the implementation of the stipulated environmental safeguards to the Ministry</i>	Six monthly status report are being submitted to the respective officers.

	of Environment and Forests, its Regional Office, Bhubaneswar, Central Pollution Control Board and State Pollution Control Board.	
xiv.	A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal.	After issuing the clearance the same will be marked to concerned Panchayat / local NGO
xv.	State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industry Centre and Collector's office/ Tehsildar's Office for 30 days.	Compiled from State Pollution Control Board, Bhubaneswar.
xvi.	The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment and Forests at http://envfor.nic.in and a copy of the same should be forwarded to the Regional Office of this Ministry located at Bhubaneswar.	After issuing of environmental clearance letter, the user agency will follow the same.

For M/s Patnaik Minerals Pvt. Ltd.

Patnaik
08/11/2023
MANAGER. (F & E)

Manager (F & E)
M/s. Patnaik Minerals Pvt. Ltd.
Mahasabha Iron & Steel Works, Orissa

Annexure 11: PHOTOGRAPH OF CULVERTS



Construction of Culvert to avoid surface water contamination



Proposed Culvert to avoid surface water contamination

**STATUS OF ALL STATUTORY CLEARANCES, PERMITS, APPROVALS ETC.
FOR
MAHULSUKHA IRON & MANGANESE ORE MINES,
M/S PATNAIK MINERALS PVT. LTD.**

A. STATUS OF FOREST / NON-FOREST LAND:

- Total Forest Land : 382.480 ha.
 - Total Non-forest Land : 7.837 ha.
1. MoEF (F.C. Division), Govt. accorded (Stage – II) approvals over an area of 227.00 ha. in village (s) Randa, Rantha and Bhutuda in Sundergarh District, Odisha vide Order No. F.No. 8-93/2004-FC, on dated 16th Feb.2005.
 2. NPV deposited by Previous Lessee, amounting to Rs. 27,56,20,990/- (Twenty seven crore fifty six lakhs twenty thousand nine hundred and ninety only) for the entire forest area over 377.563 ha. @ Rs. 7.30 lakhs/ha.
 3. On insistence of State Forest Department on their demand notice no. 3987/6F dated 08.04.2020, we have also deposited NPV amounting to Rs. 27,60,32,250/- over an area of 368.043 ha of forest land.
 4. Submission of Diversion Proposal over an area of 382.437 ha. vide Proposal No. FP/OR/MIN/122038/2021, Dated 27.04.2021 (**Annexure-I**)
 5. DFO, Bonai, in his EDS on 05.05.2021 and his Letter No. 4076/6F (Mg) Dated 05.05.2021, we have submitted 6 (Six) copies of Proposals (in hand safe to the O/o DFO, Bonai vide our Letter No. PMPL/DFO/21-22/127, dated 21.05.2021 (Copy Enclosed as **Annexure – II**).
 6. Department of Steel and Mines, Govt. of Odisha, vide his Order No. (Vesting) 4246/SM, Dated 30.05.2020 has been vested all the valid Rights, Approvals, Clearances, Licenses and the like vested of the previous lessee for a period of 2 years from the date of execution of lease deed or till the getting fresh approvals, clearances, Licenses, Permits and the like whichever is earlier. (Copy enclosed as **Annexure – III**).
 7. MoEF & CC, Govt. of India vide File No. FC-11/112/2020-FC(Pt), Dated: 07.07.2021 issued a guideline under FC Act'1980 for transfer approvals granted under the FC Act'1980 to mining lease allotted to New Lessee as per the provisions of the Mines & Minerals (Development and Regulation) Amendment Act,2021. **Annexure- IV**

8. DFO, Bonai, vide his Letter No. 8874/6F-(Mg.), Dt: 25.10.2021 with an enclosure Vide Memo No. 17480/95 (Misc.) 47/2019, Dt. 11.10.2021 of Addl. Principal Chief Conservator of Forests, Forest Diversion & Nodal Officer, FC Act, O/o the PCCF, Bhubaneswar for onward processing of approvals granted under FC Act to the New Lessee. **Annexure- V**
9. Accordingly, we have applied all statutory body for transfer of the same as follows:
- Transfer of Forest Clearance
 - DFO, Bonai vide his Letter No. 8978, Dt: 28.10.2021 asked for compliance of Stage – II of the Ex-Lessee (M/s AMTC). The Stage – II compliance report is annexed herewith as **Annexure –VI**.
10. As demanded by DFO, Bonai vide Letter No. 6753/6F-(Mg.), Dt: 27.08.2021 for transfer fees of approvals granted under FC Act/1980.
- We have deposited to amounting Rs. 1,00,000/- (One Lakh only), vide Challan Ref. No. N327211722825977, Dt: 23.11.2021. The same is enclosed herewith as **Annexure – VII**.
11. As per File no. FC-11-112/2020-FC(Pt.), Dt: 07.07.2021 of MoEF & CC, we have requested in our Letter no. PMPL/DFO/2022-23/14, Dt: 04.04.2022, for transfer of approvals along with all the compliances w.r.t. conditions stipulated in the Guidelines. The same is annexed in **Annexure –VIII**.

FORM - A

Form for seeking prior approval of Central Government under section 2 of the Forest(Conservation) Act, 1980 for
Diversion of fresh forest area

PART - I

(To be filled up by User Agency)

A. General Details

A-1. Project Details

(i). Proposal No. : FP/OR/MNH/122038/2021

(ii). Name of Project for which Forest Land is required : Mahulsukha Iron and Manganese Ore Block over an area of 390.317 Ha in village Randa, Rantha and Bhutuda under Bonai Sub-Division and Lahitipada Tahasil of Sundergarh District, Odisha.

(iii). Short narrative of the proposal and Project/scheme for which the forest land is required :
Diversion of 382.437 ha of Forest Land under Section - 2 (ii) F.C. Act 1980 of Mahulsukha Iron & Mn. Ore Mines of M/s Patnaik Minerals (P) Ltd. The mining lease over 390.317 ha PIRF : 382.437 HA and 7.88 ha of Non-forest Land

(iv). State : Orissa

(v). Category of the Proposal : Mining

(vi). Shape of forest land proposed to be diverted : Linear

(vii). Estimated cost of the Project(Rupees in lacs) : 3505

(viii). Area of forest land proposed for diversion(in ha.): 382.437

(ix). Non-forest land required for this project(in ha.): 7.88

(x). Total period for which the forest land is proposed to be diverted(in years): 50

A-2. Details of User Agency

(i). Name : PATNAIK MINERALS PRIVATE LTD.

(ii). Address1 : AT/PO, BANETKALA, JODA, KENDUJHAR, ODISHA, 758038

(iii). Address2 : NIL

(iv). State : Orissa

(v). District : Kendujhar

(vi). Pin : 758038

Proposal No.: 122038/2021
State Serial No.: OR-027/2021
Date: 27/4/2021
B. Mohapatra
ANO, Forest Wing
O/o-PCOF, Odisha

B. MOHAPATRA
GENERAL MANAGER (P & C)
M/S. PATNAIK MINERALS PVT. LTD.

(vii). Landmark : NIL

(viii). Email address : pinploaction@gmail.com

(ix). Landline Telephone No. : 6767-240105

(x). Fax No. : 6767-

(xi). Mobile No. : 7655810779

(xii). Website (If any) : NIL

(xiii). Legal status of User Agency : Private

A-3. Details of Person Making Application

(i). First Name: SAROJ

(ii). Middle Name: KUMAR

(iii). Last Name: PATNAIK

(iv). Gender: Male

(v). Designation: DIRECTOR

(vi). Address 1: AT/PO, RAHEIKALA, JODA, KENDUJHAR, ODISHA, 758038

(vii). Address 2: NIL

(viii). State: Orissa

(ix). District: Kendujhar

(x). Tehsil: Barbil

(xi). Pin: 758038

(xii). Landmark: NIL

(xiii). Email Address: bopi.patnaik09@gmail.com

(xiv). Landline Telephone No.: 6767-240105

(xv). Fax No.: NIL

(xvi). Mobile No.: 9937045699


B. MOHAPATRA
GENERAL MANAGER (P & C)
M/S. PATNAIK MINERALS PVT. LTD.

(xvii). Copy of documents in support of the competence/authority of the person making this application to make application on behalf of the User Agency: 

B. Details of land required for the Project

B-1. Details of proposal seeking prior approval of Central Government under the Act for diversion of forest land for the Project already submitted in the past

List of proposal submitted in Past							
S.no	Proposal Status	Proposal No.	Moef File No.	Area Proposed for Diversion(Ha.)	Area Diverted(Ha.)	Date of In-Principle Approval	Date of Final Approval
NIL							

B-2. Details of forest land proposed to be diverted

B-2.1 Details of Divisions involved

Details of Divisions involved			
S.no	Division Name	Forest Land(ha.)	Non-Forest Land(ha.)
1.	Botal	382.437	7.88
Total		382.437	7.88

B-2.2 Details of Districts involved

District wise breakup			
S.no	District Name	Forest Land(ha.)	Non-Forest Land(ha.)
1.	Sundargarh	382.437	7.88
Total		382.437	7.88

B-2.3 Village wise breakup

Villages wise breakup			
S.no	Village	Forest Land(ha.)	Non-Forest Land(ha.)
1	BHUTUDA	10.42	0.397
2	RANDA	138.058	4.922
3	RANTHA	233.959	2.561
Total		382.437	7.88

B-2.4 Component wise breakup

Component wise breakup			
S.no	Component	Forest Land(ha.)	Non-Forest Land(ha.)
1	Dump	8.736	0.258
2	Naia	4.161	0.601


B. MOHAPATRA
GENERAL MANAGER (P & C)
M/S. PATNAIK MINERALS PVT. LTD.

3	Plantations	0.831	0
4	Quarry Area	35.281	0
5	Residential Area	1.577	0.414
6	Road	4.079	0.037
7	Safety Zone	59.053	3.255
8	Stock Yard	1.049	1.808
9	Other Area	258.668	1.507
Total		382.437	7.88

C. Maps of forest land proposed to be diverted

Division 1 : Serial		
(i). Area of forest land proposed to be diverted (in ha.) : 382.437		
(ii). Nature of the Project: Linear		
(b). No. of Segments : Two		
Segment wise details		
Segments	Segment Area (in ha.)	Kml File of Segments (To view KML file on google the same may be downloaded and then open it in google earth install in your computer).
1.	382.386	 View File
2.	0.051	 View File
(iii). Copy of Survey of India Toposheet indicating boundary of forest land proposed to be diverted: 		
(iv). Scanned copy of the Geo-referenced map of the forest land proposed to be diverted prepared by using GPS or Total Station: 		

D. Justification for locating the Project in forest land and details of alternatives examined:

- (i). Copy of note containing justification for locating the Project in forest land: 
- (ii). Whether a copy of map indicating location of alternative examine is required to be provided:
No
- (a). Reason for not providing such map: i.e. Mines

E. Employment likely to be generated

- (i). Whether the Project is likely to generate employment?: Yes
- (ii). Permanent/Regular Employment (Number of persons): 250


B. MOHAPATRA
 GENERAL MANAGER (P & C)
 M/S. PATNAIK MINERALS PVT. LTD.

(iii). Temporary Employment(Number of person-days): 800

F. Displacement of People due to the Project, if any

(i). Whether Project involves displacement?: No

G. Detail of Cost-Benefit analysis for the Project

(i). Whether the Project requires Cost-Benefit analysis?: Yes

(a). Copy of Cost-Benefit analysis: 

H. Status of Environmental Clearance

(i). Whether the Project requires Clearance under the Environment (Protection) Act 1986?: Yes

(a). Status of the Environmental Clearance to the Project: EC application yet to be submitted

I. Status of Wildlife Clearance

(i). Whether the Project or a part thereof is located in any Protected Area or their Eco sensitive zone?: No

J. Applicability of special provisions governing Scheduled Areas

(i). Whether the Project or a part thereof is located in a Scheduled Area?: No

K. Status of settlement of rights under the Forest Rights Act, 2006 on the forest land proposed to be diverted

(i). Whether the process for settlement of Rights under the Forest Rights Acts 2006 on the forest land proposed to be diverted has been completed?: No

L. Details of land identified for Compensatory Afforestation

(i). Whether non-forest or Revenue forest land is required to be provided by User Agency?: No

(ii). Whether the area of non-forest land or Revenue forest land required to be provided by User Agency for raising Compensatory Afforestation is less than area of forest land proposed to be diverted?: No

(iii). Reason for not providing Non-Forest Land: Others

M. Mining Details

M-1. Details of Mineral Concessions

(i). Whether the forest land is acquired under Coal Bearing Areas Act: No


B. MOHAPATRA
GENERAL MANAGER (P & C)
M/S. PATNAIK MINERALS PVT. LTD.

(a). Reference number of Letter of Intent for grant of mining lease.(approval letter of the State Mines and Geology Department): Govt. of Odisha, Steel & Mines

(b). Date of issue of the Letter of Intent(LOI) for grant of mining lease: 18 Mar 2020

(c). Copy the Letter of Intent(LOI): 

(d). Total area of the mining lease(in ha.): 390.317

(e). Area of forest land located in the mining lease(in ha.): 382.437

M-2. Details of Mining Plan

(i). Date of approval of mining plan: 01 Oct 2020

(ii). Approval authority: IBM, BBSR

(iii). Copy of approval of mining plan: 

(iv). Copy of approved mining plan: 

(v). Nature of mining (underground/opencast): Opencast

(vi). Copy of the detailed land use plan in 1:4,000 scale prepared by using GPS or Total Station : 

(vii). Copy of map of the outer boundary of mining lease area:  [View file](#)

M-3. Details of prospecting undertaken to assess mineral reserves

(i). Whether detailed prospecting to assess mineral reserve in the lease has been undertaken: No

M-4. Details of extension (if any) of original prospecting licence issued in the past

(i). Whether detailed prospecting to assess mineral reserve in the lease has been undertaken: No

M-5. Brief details of prospecting activities undertaken in the mining lease :

(i). Detail of prospecting activity under taken in the mining lease: Total -----boreholes has been drilled covering a total depth of ----- mtrs

M-5.1 Details of bore holes drilled for prospecting :

Bore holes drilled for prospecting				
S.no	No. of Bore holes (in forest land)	Diameters(in inch.) forest land	No. of Bore holes (in non-forest land)	Diameters(in inch.) non-forest land
1.	416	63	0	0

M-5.2


B. MOHAPATRA
GENERAL MANAGER (P & C)
M/S. PATNAIK MINERALS PVT. LTD.

Estimated Reserve along with accuracy and confidence level

Estimated Reserve along with accuracy and confidence level						
Minerals	Estimated Reserve (million tones)	% accuracy (+ -)	% confidence level	Estimated Reserve (million tones)	% accuracy (+ -)	% confidence level
Iron Ore	32.81	90	85	0	0	0
Manganese Ore	0.771	80	75	0	0	0

At-6. Details of approval under the Forest (Conservation) Act, 1980 obtained for undertaking prospecting activities in the forest land located in the mining lease

(i). Whether approval under the Forest (Conservation) Act, 1980 for undertaking prospecting activities in the forest land located in the mining lease have been obtained No

Details of approval under the Forest(Conservation) Act, 1980					
S.no	MoEF File No	Date of approval	Area of forest land diverted(In ha.)	From Date	To Date
NIL					

At-7. Mineral wise details

(i). No. of minerals: Two

Mineral wise details						
Minerals	Estimated reserve in non forest land(million tons.)	Estimated reserve in forest land(million tons.)	Estimated annual extraction(million tons.)	Estimated life of mine(Yrs.)	Total estimated extraction during mining lease period(million tons.)	Estimated mineral reserve at the end of mining lease(million tons.)
Iron Ore	0	32.81	1	33	32.81	0
Manganese Ore	0	0.771	0.04	19.28	0.771	0

At-7.1 Proposed use of the minerals proposed to be raised from the mining lease

(i). Proposed use of the minerals proposed to be raised from the mining lease: Captive+Non captive

(a). Copy note containing details of the linked end-use Project: 

(ii). Copy note containing details of the plan for the transportation of the minerals proposed to be raised from the mining lease: 

Additional information Details

Documents


B. MOHAPATRA
 GENERAL MANAGER (P & C)
 M/S. PATNAIK MINERALS PVT. LTD.

S.No	Documents	Remarks
	12	Undertaking for furnishing of Compensatory Afforestation Land.


B. MOHAPATRA
 GENERAL MANAGER (P & C)
 M/S. PATNAIK MINERALS PVT. LTD.



ବନଖଣ୍ଡ ଅଧୀକାରୀଙ୍କ କାର୍ଯ୍ୟାଳୟ : ବଣାଇ ବନଖଣ୍ଡ ।

OFFICE OF THE DIVISIONAL FOREST OFFICER: BONAI DIVISION.

Phone / Fax – 06626-244434; E-mail

At- dfobonai.od@gov.in

No. 4076 /BF-(Mg.)Dt. 05.05.2021

To

M/s Patnaik Minerals (P) Ltd.,
Baneikela, Keonjhar-758038

Sub:-

Proposal for diversion 382.437 ha. of forest land in Mahulsukha Iron & Mn. Mines of M/s Patnaik Minerals (P) Ltd.

Ref:-

Proposal No.FP/OR/MIN/122038/2021 dt.27.4.2021.

Sir,

With reference to the captioned subject, you are requested to submit 6 copies of the diversion proposal in hard copy for taking further action at this end.

Yours faithfully,


Divisional Forest Officer,
Bona Division.

PATNAIK MINERALS PVT. LTD.

CIN: U13209OR1989PTC002368

PMPL/DFO/21-22/127

Date: 21.05.2021

To

The Divisional Forest Officer
Bonal Forest Division
Bonal, Sundergarh
Odisha

Sub: Submission of proposal for diversion of 382.437 ha of Forest Land including 59.053 ha to be maintained as Safety Zone within the lease area of 390.317 ha. in village - Randa, Rantha and Bihunda for Mahulsukha Iron & Manganese ore mines in Sundergarh District, Odisha.

Ref: 1. Online submission (Revised) vide State Serial No. OR-027/2021, Dated: 27.04.2021.
2. Letter of Office of the Divisional Forest Officer vide Letter No. 4076/6F-(Mg.), Dt: 05.05.2021

Dear Sir,

In inviting reference to the captioned subject cited above, we are submitting herewith six (06) copies of Proposal (in hard shape) for Diversion of Forest Land over 382.437 ha in respect of Mahulsukha Iron & Manganese Ore mines over an area of 390.317 ha for consideration & grant of Govt. of India, MOEF & CC under Section - 2 of the Forest Conservation Act, 1980.

Thanking You,

Yours Faithfully,

For M/s Patnaik Minerals (P) Ltd.

B. Mohapatra

General Manager (P & C)

Encl: Six (06) Copies of Proposal

Received
57 copies
of D.P.
24.5.21

Government of Odisha
Steel and Mines Department

VESTING ORDER

No. 4246 /SM
IV(B)SM-23/2020

Dated the 30th May 2020

Whereas a mining lease of the following description, which was held by M/s Aryan Mining & Trading Corporation Ltd. (hereinafter referred to as the previous lessee) with validity period upto 31.03.2020 has been auctioned and M/s Patnaik Minerals (P) Ltd., has been declared as the preferred bidder of the said mine.

Description of the Mining Block

- Name of Mineral(s) – Iron & Manganese
- Name of Mining lease – Mahulsukha Iron & Mn Block.
- Address/location of mining lease - Village Randa, Rantha & Bhutuda under Lahunipada tahasil of Sundergarh district.
- Area of lease – 390.317 hecets (As per DGPS)/ 399.838 hecets(As per ROR).

And whereas, a letter of intent bearing no 3013/SM, dated 18.03.2020 has been issued in favour of the preferred bidder for grant of mining lease for the above mentioned mining block;

And whereas, in terms of section 8B(2) of the MMDR Act, 1957 read with rule 9A(4) of the Mineral (Other than Atomic and Hydrocarbon Energy Minerals) Concession Rules, 2016 [herein after called the Rules 2016], the holder of the letter of intent for the said mining block shall be deemed to have acquired all valid rights, approvals, clearances, licenses and the like vested with the previous lessee.

Now therefore, the undersigned being the Nodal Officer for the State of Odisha having been nominated under rule 9A(1) of the Mineral (Other than Atomic and Hydrocarbon Energy Minerals) Concession Rules, 2016 [herein after called the Rules, 2016], do hereby, pursuant to the provisions contained in rule 9A(2) of the Rules, 2016 order that all the valid rights, approvals, clearances, licenses and the like vested in the previous lessee in respect of the aforementioned mining block are deemed to have vested in favour of the holder of the letter of intent on the same terms and conditions of every rights, approvals, clearances, licenses, and the like which vested with previous lessee.

Without prejudice to the generality of the provisions of section 8B(2) of the MMDR Act, 1957, the details of the valid rights, approvals, clearances, licenses, and the like held by the previous lessee and vested in favour of the holder of the Letter of Intent are given in the Annexure-I to this order.

This vesting order is valid for a period of two years from the date of execution of lease deed or till the date of getting fresh approvals, clearances, licenses, permits, and the like, whichever is earlier

(S. K. Popli)

Nodal Officer-cum-Special Secretary to Government

Memo No. 4247 / SM

Dated: 30th May 2020

Copy to alongwith Annexure-I forwarded to M/s Patnaik Minerals (P) Ltd., Baneikela, Joda, Keonjhar- 758038, Odisha for information and necessary action. It is requested that one copy each of the documents mentioned in the Annexure-I may be collected from the office of the Director Mines, Odisha, Bhubaneswar during office working hours.

Nodal Officer

Memo No. 4248 / SM

Dated: 30th May 2020

Copy to alongwith Annexure-I forwarded to M/s Aryan Mining & Trading Corporation Ltd., 61, Strand Road, Kolkata- 700006, West Bengal for information and necessary action.

Nodal Officer

Memo No. 4249 / SM

Dated: 30th May 2020

Copy alongwith Annexure-I forwarded to Indian Bureau of Mines, Bhubaneswar/ MoEF & CC, 534, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi 110003/ MoEF & CC (FC Divison), Indira Paryavaran Bhawan, Aliganj, Jorbagh Road, New Delhi 110003/ SPCB, Parivesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar, Odisha, 751012/ Director General of Mines Safety, Chaibasa Regiona, Chaibasa, 833201 /Ministry of Water Resource, River Development and Ganga Rejuvenation, West Block-2, Wing 3, Sector-1, R.K. Puram, New Delhi-110066 for information and necessary action.

Nodal Officer

Memo No. 4250 / SM

Date: 30th May 2020

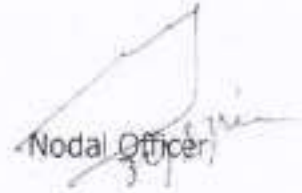
Copy alongwith Annexure-I forwarded to Director of Mines, Odisha, Bhubaneswar for information and necessary action. He is requested to provide one copy each of the documents described in the Annexure-I to the authorized representative of the LoI holder with proper acknowledgement and forward a copy of acknowledgement to the Department for record.


Nodal Officer

Memo No. 4251 / SM

Date: 30th May 2020

Copy alongwith Annexure-I forwarded to Collector, Sundergarh/ Deputy Director of Mines, Koira / DFO, Bonai for information and necessary action.


Nodal Officer

Memo No. 4252 / SM

Date: 30th May 2020

Copy alongwith Annexure-I forwarded to Forest and Environment Department/ PCCF(Nodal), Bhubaneswar for information and necessary action.


Nodal Officer

Name of the Block : Mahulsukha Iron & Manganese ore Block
 LoI Holder : PATNAIK Minerals (P) Ltd.
 Area of the Lease : 399.838 Hects (As per ROR)
 390.317 hecets (As per DGPS)

SL No	Nature of approval clearance etc	Issuing officer/authority	Reference No./ Date of Issue
1	Mining Plan	Regional Controller of Mines, Bhubaneswar, Govt. of India	Approval of modification of review of mining plan MPM/OTFM/24-ORI/BHU/2018-19/1367, Dated 06.09.2018
2	EC	MoEF & CC, Govt. of India	J-11015/412/2005-IA.II(M), Dtd 05.04.2007
3	FC	MoEF & CC, Govt. of India,	F. No. 8-93/2004-FC, Dtd. 18.08.2008 over 227.00 hecets.
4	Consent to Establish	State Pollution Control Board, Odisha	11379/IND-II-NOC-4049, Dated 19.05.2006
5	Consent to Operate	State Pollution Control Board, Odisha	4644/IND-I-CON-2254, Dated 17.03.2016
6	Surface Right	District Collector, Sundargarh	Surface Right granted over 399.600 hecets
7	Deep Hole Blasting & use of HEMM	Directorate General of Mines Safety, Chaibasa Region, Chaibasa, Govt. of India	No. S29020/10/2017/CR/380098/2764, Dated 13.10.17
8	Ground Water Withdrawal	Member Secretary (CGWA), Central Ground Water Authority, Govt. of India	CGWA/NOC/MIN/ORIG/2018/4235 Dtd. 15.11.18

1. Vesting of clearances/approvals/licenses/permissions /rights as above does not have the effect of transfer of ownership of infrastructure established and the ore & minerals raised by the ex-lessee which shall be governed by the provisions of the rules 12(1)(gg) and 12(1)(hh) of the Mineral Concession Rules, 2016. However, on acquisition of such infrastructure from the ex-lessee and submission of evidence thereof, the new lessee may be vested with related clearances/ approvals etc at the relevant time.
2. Vesting of Forest Clearance is subject to payment of NPV as prescribed in letter dtd. 31.03.2020 of Government of India, Ministry of Environment, Forest & Climate Change.



Government of India
Ministry of Environment, Forest and Climate Change
(Forest Conservation Division)

Indira Paryavaran Bhawan,
Aliganj, Jorbagh Road,
New Delhi-110003

Dated: 7th July, 2021

To
The Additional Chief Secretary (Forest)/Principal Secretary (Forest),
All State Governments/UT Administrations

Sub: Guidelines under Forest (Conservation) Act, 1980 for transfer of approvals granted under the Forest (Conservation) Act, 1980 to mining leases allotted to new lessee as per the provisions of the Mines and Minerals (Development and Regulation) Amendment Act, 2021 - reg.

Madam/Sir,

I am directed to refer to the Mines and Minerals (Development and Regulation) Amendment Act, 2021 which has been notified by the Central Government on 28.03.2021. Section 8B of the amended Act is reproduced below:

"provided that even after expiry or termination of lease and such rights, approvals, clearances, licenses and the like shall be transferred to, and vested; subject to the conditions provided under such laws; in the successful bidder of the mining lease selected through auction under the said Act. It has also been provided in the amendment Act that it shall be lawful for the new lessee to continue mining operations on the land till expiry or termination of mining lease granted to it, in which mining operations were being carried out by the previous lessee."

In light of the above provisions of the MMDR Amendment Act 2021, the matter related to the validity of the approvals granted under Forest (Conservation) Act, 1980 (FCA-1980) was examined in the Ministry, and with a view to align the provisions under the two Acts, it has been decided that transfer of approval under FCA-1980 in such mining leases may be considered subject to the following conditions:

- i. Complete compliance of such terms and conditions as stipulated in the approval granted previously under the FCA-1980, and rules and guidelines framed thereunder in respect of the concerned mining lease has been made. The non-compliance of conditions, if any, stipulated in the approval granted to the erstwhile agency under FCA-1980, which were required to be complied before handing over the forest land to such agency, shall be transferred as liabilities to the new allottee, and in such case, complete compliance of such conditions shall be made prior to handing over of forest land to the new allottee. For the remaining conditions, the new allottee will make an undertaking to comply with, before handing over of the forest land. It is clarified that in case of violation of any of the conditions which was done during the period of previous allottee and which constitutes an offence under the FCA-1980, the penal clauses will be invoked against the previous allottee only and not against the new allottee.

- ii. Approval under FCA-1980 was valid on the date of expiry of previous lease.
- iii. Mining operations will be restricted to the forest area for which approval under Section 2 (ii) of the FC Act, 1980 has been obtained by the erstwhile user agency. No non-forest use of such forest lands falling within the lease shall be allowed, for which approval under Section 2(ii) has not been obtained by the State Government. Mining in such areas may be allowed only after obtaining prior approval of the Central Government under Section 2 (ii) of the FCA-1980.
- iv. The State Government shall ensure that the amount of Net Present Value, Safety Zone Plantation and Compensatory Afforestation(CA), if not deposited earlier, has been deposited prior to handing over of the forest land to the new allottee. Also, in case the CA land has not been made available previously, the forest land shall be handed over to the new allottee only after the corresponding CA land has been accepted by the competent authority as per the extant procedures for acceptance of CA lands for a new proposal.
- v. Mining operations and other activities shall be carried out as per the land-use allowed in the approval under the FCA-1980. Any change in the land use on account of any valid reason shall be effected with the prior approval of the Central Government.
- vi. Reclamation of the mined out forest area in the whole lease area as per the approved Mining Plan shall be an obligatory condition for the new allottee.
- vii. Transfer fee, as prescribed in the relevant guidelines incorporated in the Handbook of Forest (Conservation) Act, 1980 shall be realized from the new allottee and deposited into the account of CAMPA of the State concerned.
- viii. Transfer of approvals to new agency may be accorded by the concerned State Government/UT Administration subject to fulfilment of conditions/provisions stipulated in the relevant guidelines of the Ministry.

This issues with the approval of the competent authority in the Ministry.

Yours faithfully,

Sd/-

(Sandeep Sharma)

Assistant Inspector General of Forests

Copy to:

1. The Secretary (Mines), Government of India
2. The Principal Chief Conservator of Forests, All State Governments/UT Administrations
3. The Nodal Officer (FCA), Office of the PCCF, All State Governments/UT Administrations
4. The Dy Director General of Forests (Central), All Integrated Regional Offices of the MoEF&CC
5. PS to Hon'ble Minister, EF&CC, GOI New Delhi
6. PPS to Secretary (EF&CC) GoI/PPS to DGF&SS, MoEF&CC, GoI
7. Monitoring Cell, FC Division, MoEF&CC, New Delhi
8. Guard File



ବନଖଣ୍ଡ ଅଧିକାରୀଙ୍କ କାର୍ଯ୍ୟାଳୟ : ବଣାଇ ବନଖଣ୍ଡ ।

OFFICE OF THE DIVISIONAL FOREST OFFICER: BONAI DIVISION.

Phone / Fax – 06626-244434: E-mail

At- dfobonai.od@gov.in

No. 8874 /6F-(Mg.) Dt. 25.10.2021

To

1. M/s JSW Steel Limited,
JSW Centre Bandra Kurla Complex,
Bandra East, Mumbai, PIN-400051.
2. M/s PM Granite Export (P) Ltd.
No. 129, 7th Main, 5th Block Jayanagar,
Bangalore-560041
3. M/s Patnaik Minerals (P) Ltd.
Baneikela, Keonjhar-758038
4. M/s Yazdani Steel & Power Limited,
Jakhapur, Jajpur Road, Kalinga Nagar,
Jajpur-755026.

Sub:-

Guidelines under Forest (Conservation) Act, 1980 for transfer of approvals granted under Forest (Conservation) Act, 1980 to mining lease allotted to new lessee as per the provisions of the Mines and Minerals (Development and Regulation) Amendment Act, 2021- Procedure for processing of cases reg.

Ref:-

1. File No. F.No. 11-112/2021-FC (Pt) dated 7.7.2021 of the MoEF & CC, Govt. of India.
2. Memo No. 17480 dt. 11.10.2021 of the Addl. PCCF (FD & NO FC Act), O/o the PCCF, Odisha, Bhubaneswar.

Sir,

Enclosed, please find herewith a copy of Memo No. 17480 dt. 11.10.2021 of the Addl. Principal Chief Conservator of Forests, Forest Diversion & Nodal Officer, F.C. Act' O/O the P.C.C.F., Odisha Bhubaneswar, which is self-explanatory.

This is for your information and necessary follow up action.

Encl:- As above.

Yours faithfully,

Divisional Forest Officer,
Bona Division.

Memo No. 8875 /6F-Dt. 25.10.2021.

Copy forwarded to the Addl. Principal Chief Conservator of Forests, Forest Diversion & Nodal Officer, F.C. Act' O/O the P.C.C.F., Odisha Bhubaneswar for favour of kind information and necessary action with reference to his Memo No. 17480 dt. 11.8.2021.

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

Divisional Forest Officer,
Bona Division.

Memo No. 8876 /6F-Dt. 25.10.2021

Copy along with copy of enclosure forwarded to the Range Officer, Kolra / Barsuan Range for information and necessary action.

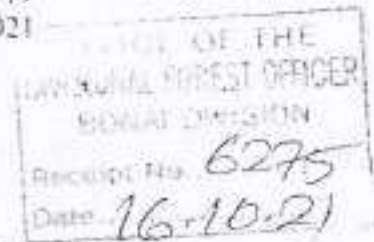
Divisional Forest Officer,
Bona Division.



STATE FOREST HEADQUARTERS
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS,
ARANYA BHAWAN, CHANDRASEKHARPUR, BHUBANESWAR-23

Memo No. 17980/91 (Misc) 47/2019

Dated, Bhubaneswar the 11 October 2021



To

All Divisional Forest Officers (I & W.)

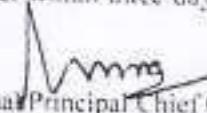
- Sub:- Guidelines under Forest (Conservation) Act, 1980 for transfer of approvals granted under the Forest (Conservation) Act, 1980 to mining leases allotted to new lessee as per the provisions of the Mines and Minerals (Development and Regulation) Amendment Act, 2021-Procedure for processing of cases reg.
- Ref:- Memo No. 12905/FE&CC, dated 27.07.2021 of FE & CC Department, Govt. of Odisha addressed to you.

Attention is invited to the above memo of Govt. of Odisha, FE & CC Department endorsing copy of the Govt. of India, MoEF & CC Letter F.No.FC-11/112-2021-FC (PI) dated 07.07.2021 on the transfer of approvals under FC Act by the State Government. The procedure outlined below may be followed for processing of cases for transfer of approval granted under Forest (Conservation) Act to the new lessee.

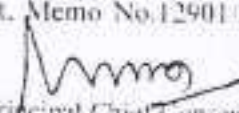
- The new allottee shall apply in a plain paper (offline mode) along with the item-wise compliance report to Stage-II stipulations to concerned DFO. In case any stipulation is not yet complied with, the new allottee shall submit an undertaking to the effect that the complete compliance shall be submitted before handing over of the forest land to the new lessee.
- The DFO will provide the records available regarding the diversion of the forest land to the new allottee, if sought for.
- The new allottee shall do the demarcation of the forest land diverted and post the permanent pillars in the field if not done earlier. The DGPS map should be submitted subsequently before handing over of the land, if not done previously. The DGPS survey map shall be final with reference to extent of area diverted and land use pattern.



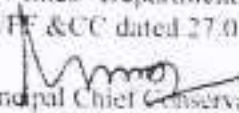
- iv. DFO will conduct the field verification, preferably along with Mining Officer and Revenue Authorities to assess the current land use pattern and violation, if any. Mining operation shall be restricted to diverted forest land only.
- v. DFO shall verify and report on the status of the Compensatory Afforestation (CA) including PF notification. All cases where CA land has been made available and money deposited should be recommended, even if plantation has not been carried out due to any reasons. In case where CA land has not been made available previously, the case should be recommended with appropriate CA Scheme as per extant guidelines. If part CA is complied, the case may be recommended with an undertaking for full compliance subsequently.
- vi. DFO shall raise demand for the compensatory levies, (NPV, CA, ACA, Penal CA, etc.) if not paid earlier, and ensure deposition of the same in CAMPA account. The NPV amount should be calculated at current rate deducting the NPV amount paid previously by the old lessee and the new allottee. No fresh CA should be demanded if CA has been paid earlier. A certificate to this effect mentioning item-wise deposition of compensatory levies should be furnished by the DFO.
- vii. If there is any violation by the previous allottee, show cause notice for penal clauses are to be invoked against the old lessee before processing the new FC transfer.
- viii. DFO to complete the entire process of field verification of the Stage II compliance and forward his/ her report to RCCF within a fortnight from the date of submission of application by the new Allottee.
- ix. RCCF to send the compliance report to Nodal Officer within three days of the receipt of the proposal from the DFO.

 8/10/2021
Additional Principal Chief Conservator of Forests
Forest Diversion & Nodal Officer, FC Act

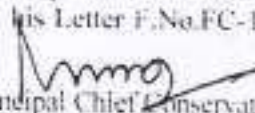
Memo No. 17481 Dt. 11.10.2021
Copy forwarded to Addl. Chief Secretary, Forest, Environment and Climate Change Department, Odisha for information with reference to that Deptt. Memo No. 12901/FE & CC dated 27.07.2021.


Additional Principal Chief Conservator of Forests
Forest Diversion & Nodal Officer, FC Act

Memo No. 17482 Dt. 11.10.2021
Copy forwarded to Addl. Chief Secretary, Steel and Mines Department, Odisha for information with reference to the FE & CC Deptt. Memo No. 12902/FE & CC dated 27.07.2021.


Additional Principal Chief Conservator of Forests
Forest Diversion & Nodal Officer, FC Act

Memo No. 17483 Dt. 11.10.2021
Copy forwarded to Asst. Inspector General of Forests, Ministry of Environment, Forest and Climate Change, Govt. of India for information with reference to his Letter F.No.FC-11/112/2021-FC (Pt) dated 07.07.2021


Additional Principal Chief Conservator of Forests
Forest Diversion & Nodal Officer, FC Act

PATNAIK MINERALS PVT. LTD.

CIN: U13209OR1989PTC002368

PMPL/DFCV. 021-22/627

Date : 08/11/2021

To

**The Divisional Forest Officer,
Bonai Forest Division
Sundergarh, Odisha**

Sub: Proposal to transfer forest clearance with necessary documents as per guidelines under Forest (Conservation) Act, 1980 w.r.t. Mahulsukha Iron & Manganese Ore Mines over an area of 390.317 ha under Lahuripara Tehsil, Bonai Subdivision of Sundergarh Dist. Odisha.

Ref: i. Your Letter No. 6576/6F-(Mg.), Date: 27.08.2021.
ii. MoEF & CC, Guideline F.No. 11-112/2020-FC(Pt.), Dated : 07.07.2021.

Dear Sir,

This is in reference cited above; we are submitting herewith the necessary documents as per aforesaid guidelines for taking further action at this end.

Thanking You,

Yours Faithfully,

For M/s Patnaik Minerals (P) Ltd.



**B. Mohapatra
General Manage (P & C)**

Encl. : Compliance Report of the Guidelines, Dated 07.07.2021, GoI, MoEF & CC.

Copy Forwarded to:

- i. Addl. Principal Chief Conservator of Forest, Forest Diversion & Nodal Officer, F.C.Act' O/o The P.C.C.F., Odisha, Bhubaneswar for favour of kind information,
- ii. Regional Chief Conservator of Forest, Rourkela Circle, Rourkela for favour of kind information.

OFFICE OF THE FOREST RANGE OFFICER: BARSUAN RANGE.

Memo No. _____ Dated _____

To

The Divisional Forest Officer,
Bonai Forest Division.

Sub:- Submission of compliance report submitted by previous Lessee (M/s AMTC Pvt. Ltd.) on stage -II condition granted vide Letter No. 8-93/2004-FC Dt. 18.08.2008 of MoEF over 227.00 ha. in favour of Mahulsukha Mines.

Ref:- Your Office Memo No. 7777/6F- (Mg.) Dt. 07.10.2021.

Sir,

With reference to the memo & subject cited above I am to inform that the project was monitored for verification of the compliance report stipulated on Stage-II conditions granted vide Letter No. 8-93/2004-FC Dt. 18.08.2008 of MoEF over 227.00 ha. in favour of Mahulsukha Mines. Based on the observations made while monitoring the project, the compliance report is prepared and is enclosed with the letter.

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

Encl:-Compliance report

Yours faithfully,


Range Forest Officer,
Barsuan Range.

Memo No. 781 Dt. 03.12.2021

Copy forwarded to the Patnaik Minerals Pvt. Ltd., Joda, Keonjhar for information.


Range Forest Officer,
Barsuan Range.
Barsuan Range

**SELF ASSESSMENT REPORT OF STIPULATION ON DIVERSION
OF FOREST LAND FOR THE YEAR 2019**

Name of the Project	Mahulsukha Manganese Ore Mine
Name of the Division	Bonai Division
Name of the Range	Barsuan Range
Authorize Person of the Project (with designation & address of the company)	Name – Mr. Bhabagrahi Mahapatra Designation- General Manager At/Po-Bonaikela Via –Joda Dist-Keonjhar State-Odisha
Total Area of the Project- (Details of Forest & Non Forest Area in Ha.)	RF – 0.000 Ha PRF – 223.982 Ha Rev. Forest/KF – 1.315 Ha DLC – 152.266 Ha ----- Total Forest Area – 377.563 Ha Total Non Forest Area – 22.275 Ha ----- Total Land – 399.838 Ha

Nature of the Project	Mining
Order of Forest Land Diversion MOEF with	Letter F-No-8-93/2004-FC dated-18 th Aug'2008
Date of expiry of order (in case mining lease)	31 st March 2020

Sl. No.	Stipulations	Compliances	R.O Compliance
1	Legal Status of the diverted Forest Land shall remain unchanged	Noted	The same has been Complied up by the present Lessee. Compliance Status: Complied
(i)	Compensatory Afforestation shall be raised & maintained by the State Forest Department at the Project Cost.	As directed the sum of Rs. 22,54,400/-(Rupees Twenty Two Lakh Fifty Four Thousand Four Hundred) only has been Deposited with Forest Department towards Compensatory Afforestation.	Compliance Status: Complied
(ii)	Fencing, protection & regeneration of the safety zone area shall be done at the project cost and a half times the area of safety zone shall also be done at project cost besides this Afforestation on 100mt radius of mining lease granted in degraded forest land if density is less than 0.40 enrichment	Accepted and amount already deposited to take up the job. In addition we have completed about 2.5km fencing of ML boundary and SZ area. Apart from this plantation has been done along the SZ area in due consultation with the forest department.	The amount already deposited to take up the activities such as fencing protection and regeneration of Safety Zone area at the project cost. In addition, the fencing was been completed by Ex-Lessee. However some portion has been damaged and instructed to present Lessee for re fencing that area.

	plantation shall be taken up by the User Agency in consultation with forest Department.		Compliance Status: Partly complied.
(iii)	Wherever possible & technically the User Agency shall undertake Afforestation measures in the blanks within the lease area, as well as along the roads outside lease area, diverted under this approval in consultation with the forest Department at the project cost.	Accepted and plantations have been done at the blank area within the ML area. Post plantation care is being carried out.	Afforestation has been already done in blanks area with the lease area and are being maintained by present Lessee. In addition to this the afforestation also has been done along the roads outside the lease area. Compliance Status: Complied.
3	The scheme for soil & moisture conservation for the entire water shade area shall be implemented at the project cost.	Adopted suitable practices such as construction of check dams, settling ponds, coir/ geo textile matting, grass patching and plantation of native species over the matured OB dumps for the water shed area.	The same job has been adopted by Ex- Lessee. But the check dams settling ponds has been broken, damaged and instructed to present Lessee for renovate the same. Compliance Status: Partly complied.
4	All measure should be taken to prevent pollution of tanks, river & nallas etc. The de silting of adjoining villages in radius of 5km may also be taken up by the user Agency from time to time.	Retaining wall, garland drains, settling ponds and check dams are constructed and being maintained at regular intervals to prevent surface runoff. Garland drains and setting ponds are being de-silted at regular intervals. In addition we are also cleaning the Bhutuda nala at regular interval for facilitating the use by local villagers.	All measures has been taken up to prevent pollution of tanks, rivers and nallas by construction of retaining wall, garland drains, settling ponds and check dams previously. Presently the some portion of retaining wall are being maintained and also freshly constructed by existing Lessee. But the check dams settling ponds has been broken, damaged and instructed to present Lessee for renovate the same. Compliance Status: Partly complied.
5	The period of diversion under this approval shall be twenty years subjects to possession of valid lease by the User Agency under the MMDR Act - 1957.	Accepted	Compliance Status: Complied.
6	Any tree felling shall be done only when it is absolutely necessary and unavoidable and that too under strict supervision of State Forest Department.	Accepted	Compliance Status: Complied
7	No damage to the Flora & Fauna of the area shall be caused.	Accepted	The same are being followed-up by present Lessee. To protect and conserve the flora and fauna of the area, the Lessee taken action for preparation of site specific wildlife conservation plan. Compliance Status: Complied

	or reclamation work the top soil should be preserved & used for reclamation. The areas shall be reclaimed keeping in view the international practice of stabilizing the dumps by grading/benching so that the angles of repose (normally less than 28° at any given place) are maintained.	125m ³ Top soil has been preserved for undertaking reclamation. Grass seedlings have been planted over the top soil stack for stabilization and to preserve its fertility.	The generated quantity of top soil has been utilized for reclamation and the reclaimed areas have been covered by plantation of native species. Compliance Status: Complied
9	The reclamation plan shall be implemented and monitored continuously. The User Agency should furnish the extent of area to be technically & biologically reclaimed each year to facilitate monitoring. The annual report of about the progress of reclamation should be submitted to CCF, regional officer, Bangalore & Nodal officer, Orissa.	Progressive reclamation shall be carried out as per approved reclamation plan from time to time and accordingly progress of reclamation shall be intimated to concerned authority.	The progressive reclamation plans (previously approved) are being carried out time to time and same also being intimated. Compliance Status: Complied
10	It shall be ensured that no labour camps are set up inside the forest area.	Noted	There is no labour camp inside the forest area. Compliance Status: Complied
11	The Mining Lease area shall be demarcated on ground at project using 4 feet high RCC pillars inscribing with Sl No. forward & back bearing and distance between two adjacent pillars.	Done and being maintained.	The same has been done previously but some pillars has been damaged and also instructed to present Lessee for re-posting the damaged pillars. Compliance Status: Partly Complied.
12	Forest land shall not be used for any purpose other than that specified in the proposal.	Accepted	Compliance Status: Complied
13	Any other condition that the CCF (Central) Regional office, Bangalore/State Forest Department may impose from time to time for protection and improvement of Flora & Fauna in the forest area shall also be applicable.	Accepted	Compliance Status: Complied


 Forest Range Officer
 Barsuan Range
 Barsuan Range



ବନଖଣ୍ଡ ଅଧୀକାରୀଙ୍କ କାର୍ଯ୍ୟାଳୟ : ବଣାଇଁ ବନଖଣ୍ଡ ।

OFFICE OF THE DIVISIONAL FOREST OFFICER: BONAI DIVISION.

Phone / Fax – 06626-244434; E-mail

At: dfobonai.od@gov.in

No. 8978 /6F-(Mg.) Dt: 28.10 2021

To

M/s Patnaik Minerals (P) Ltd.,
Baneikela, Keonjhar-758038.

Sub:-

Requesting for compliance report of Stage-II of Ex-Lessee (M/s AMTC) vide granted Letter No.8-93/2004-FC dt.18.8.2008 over an area of 227.00 ha.

Ref:-

Your Letter No.531 dt.29.9.2021.

Sir,

With reference to above, as requested vide your Letter under reference, the compliance report of Stage-II approval granted vide Letter No.8-93/2004-FC dt.18.8.2008 over 227.0 ha. of forest land submitted by the ex-lessee (M/s AMTC (P) Ltd.) in respect of Mahulsukha Mn. Mines is enclosed herewith for your information and necessary action.

Encl :- As above.

Yours faithfully,


Divisional Forest Officer,
Bonai Division.

Memo No. 8979 /6F-Dt: 28.10 2021

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


Divisional Forest Officer,
Bonai Division.

Ref. No: 376/AMTC/DFO/19-20

Dated: 08.02.2020

To:

The Divisional Forest Officer,
Bonai Forest Division,
Bonai.

Sub: Submission of Self Assessment report on diversion of forest land in respect of Mahulsukha Mn Ore Mine for the year 2019.

Sir,

I am submitting herewith the Self Assessment report on diversion of forest land in respect of Mahulsukha Mn Ore Mines for the year 2019 in respect of Mahulsukha Mn Ore Mine in the prescribed proforma for your kind perusal.

With best regards,

For Arjan Mining & Trading Corporation Pvt. Ltd.

GM (Geology & Env't)

Copy to:

The Forest Range Officer, Barsuan Range for information

STIPULANT REPORT OF STIPULATION ON DIVERSION OF FOREST LAND

Name of the Project Mahulpukna Mangadess Ore Mine
 Name of the Division Buxar Division
 Name of the Range Barsuan Range
 Authorize Person of the Project Name- Mr. Naman Saraf
 (with designation & Address of the company) Designation- Vice President
 At/Po- Bhutuda
 Via - Barsuan
 Dist- Sundargarh
 State- Odisha
 Total Area of the Project RF - 0.000 Ha
 (Details of Forest & Non forest Area in Ha.) PRF - 223.982 Ha
 Rev. Forest/KF - 1.315 Ha
 DFC - 152.266 Ha
 Total Forest Area - 377.563 Ha
 Total Non Forest Area - 22.275 Ha
 Total Land - 399.838 Ha

Nature of the Project

Mining

Order of Forest Land Diversion MoEF with Letter F-No-8-93/2004-FC dated-18th Aug, 2008
 date

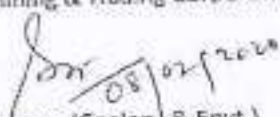
Date of expiry of order (In case mining lease) 31st March 2020

Sl. No.	Stipulations	Compliances
1	Legal Status of the diverted Forest Land shall remain unchanged	Noted
2 (i)	Compensatory Afforestation shall be raised & maintained by the State Forest Department at the Project Cost.	As directed the sum of Rs 22,54,400/- has been deposited with Forest Department towards compensatory Afforestation.
(ii)	Fencing, protection & regeneration of the safety zone area shall be done at the project cost and a half times the area of safety zone shall also be done at project cost. Besides this Afforestation on 100mt radius of mining lease granted in degraded forest land if density is less than 0.40, enrichment plantation shall be taken up by the User Agency in consultation with Forest Department.	Accepted and amount already deposited to take up the job. In addition we have completed about 2.5km fencing of ML boundary and SZ area. Apart from this plantation has been done along the SZ area in due consultation with the Forest Department.

(iii)	Wherever possible & technically feasible the User Agency shall undertake Afforestation measures in the blanks within the lease area, as well as along the roads outside lease area, diverted under this approval in consultation with the Forest Department at the project cost.	Accepted and plantations have been done at the blank area within the Mt. area. Post plantation care is being carried out.
3	The scheme for soil & moisture conservation for the entire water shade area shall be implemented at the project cost.	Adopted suitable practices such as construction of check dams, settling ponds, coir/ geo textile matting, grass patching and plantation of native species over the matured O3 dumps for the water shed area.
4	All measures should be taken to prevent pollution of tanks, rivers & nalas etc. The de silting of adjoining villages in radius of 5km may also be taken up by the User Agency from time to time.	Retaining wall, garland drains, settling ponds and check dams are constructed and being maintained at regular intervals to prevent surface runoff. Garland drains and settling ponds are being de-silted at regular intervals. In addition we are also cleaning the Bhutuda nala at regular interval for facilitating the use by local villagers.
5	The period of diversion under this approval shall be twenty years subject to possession of valid lease by the User Agency under the MMDR Act-1957.	Accepted
6	Any tree felling shall be done only when it is absolutely necessary and unavoidable and that too under strict supervision of State Forest Department.	Accepted
7	No damage to the Flora & Fauna of the area shall be caused.	Accepted
8	For reclamation works the top soil should be preserved & used for reclamation. The areas shall be reclaimed keeping in view the international practice of stabilizing the dumps by grading/benching so that the angles of repose (normally less than 28° at any given place) are maintained.	125m ³ Top soil has been preserved for undertaking reclamation. Grass seedlings have been planted over the top soil stack for stabilization and to preserve its fertility.
9	The reclamation plan shall be implemented and monitored continuously. The User Agency should furnish the extent of area to be technically & biologically reclaimed each year to facilitate monitoring. The annual report of about the progress of reclamation should be submitted to CCF, Regional office, Bangalore & Nodal officer, Orissa.	Progressive reclamation shall be carried out as per approved reclamation plan from time to time and accordingly progress of reclamation shall be intimated to concerned authority.
10	It shall be ensured that no labour camps are set up inside the forest area.	Noted

11	The Mining lease area shall be demarcated on ground at project cost using 4 feet high RCC pillars inscribing with SI No., forward & back bearing and distance between two adjacent pillars.	Done and being maintained.
12	Forest land shall not be use for any purpose other than that specified in the proposal.	Accepted
13	Any other condition that the CCF (Central) Regional office, Bangalore/State Forest Department may impose from time to time for protection and improvement of Flora & Fauna in the forest area shall also be applicable.	Accepted

For Aryan Mining & Trading Corporation Pvt. Ltd.


General Manager (Geology & Env't.)

II. Offence Cases registered if any and their status

III. Inspection of Range Officer
Inspection of Divisional Forest Officer
Inspection Comments of Regional CCF

NB

Each item of the stipulation should be analysed and non compliance should be reported with remedial measures and suggestion. Any adverse remark of Range Officer/ Divisional Forest Officer should be analysed by the Regional CCF and concrete suggestion for non-compliance should be evolved with Act/ Rules and guidelines. The detailed analysis of the offence cases should also be given. At each stage of inspection by Range Officer, DFO, copy of the Self Assessment Report and their comments should be sent to PCCF/ CCF(Nodal).



ବନଖଣ୍ଡ ଅଧିକାରୀଙ୍କ କାର୍ଯ୍ୟାଳୟ : ବଣାଇଁ ବନଖଣ୍ଡ !

OFFICE OF THE DIVISIONAL FOREST OFFICER: BONAI DIVISION.

Phone / Fax - 06626-244434; E-mail

At: dfobonai.od@gov.in

No. 6453 /6F-(Mg.) Dt. 27.8.2021

To

M/s Patnaik Minerals (P) Ltd.,
Baneikela, Keonjhar-758038.

Sub:

Guidelines under Forest (Conservation) Act, 1980 for transfer of approval granted under the Forest (Conservation) Act, 1980 to mining leases allotted to new lessee as per the provisions of the Mines and Minerals (Development and Regulation) Amendment Act, 2021 - Reg.

X-Sub:-

Mahulsukha Iron & Manganese Ore Mines of M/s Patnaik Minerals (P) Ltd.

Ref:-

1. MoEF&CC Guideline F. No. 11-112/2020-FC (Pt) dated 07.07.2021.
2. Memo No. 12905/FE&CC dt. 27.7.2021 of the Special Secretary to Govt., Forest, Environment & Climate Change Deptt., Bhubaneswar.
3. Memo No. 13640 dt. 12.08.2021 of the Addl. PCCF (FD & NO FC Act), Bhubaneswar.
4. This Office Letter No. 3987 dt. 8.4.2020
5. MoEF&CC Guideline F. No. 11-9/1998-FC dated 03.05.2010.

Sir,

With reference to above, it is to inform you that the aforesaid lease held by M/s A.M.T.C (P) Ltd. (Previous lessee) was auctioned and M/s Patnaik Minerals (P) Ltd. has been declared as the preferred bidder of the said mines and issued vesting order vide No. 4246/SM dt. 30.05.2020 of Govt. of Odisha, Steel & Mines Department. The lease deed has been executed on 29.6.2020.

In point No. (vii) of the guideline issued vide Letter No. F. No. 11-112/2020-FC (Pt) dated 07.07.2021 of the MoEF & CC, Govt. of India has mentioned that "Transfer fee, as prescribed in the relevant guidelines incorporated in the Handbook of Forest (Conservation) Act, 1980 shall be realized from the new allottee and deposited into the account of CAMPA of the State concerned".

Hence, it is requested to pay 10% of the NPV demanded vide this office Letter No. 3989 dt. 8.4.2020 or ₹1,00,000/- whichever is less as transfer fee as mandated vide Chapter-5 (d) of Handbook of Forest (Conservation) Act, 1980 through e-portal of the MoEF & CC as provided in the <https://parivesh.nic.in/> and the proof/evidence of the deposit of fund be submitted to this office for further action at this end.

Yours faithfully,

Divisional Forest Officer,
(1) Bonai Division.

Memo No. 6454 /6F-Dt. 27.8.2021

Copy forwarded to the Addl. Principal Chief Conservator of Forests, Forest Division & Nodal Officer, F.C. Act O/O the P.C.C.F., Odisha Bhubaneswar for favour of kind information and necessary action with reference to his Memo No. under reference (3).

Divisional Forest Officer,
(1) Bonai Division.

Memo No. 6455 /6F-Dt. 27.8.2021

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

Divisional Forest Officer,
(1) Bonai Division.

PMPL/DFO/2021-22/730
Date: 07/12/2021

To

The Divisional Forest Officer
Bonai Forest Division
Sundargarh, Odisha.

Sub: Transfer Fee of approvals granted under F(c) Act'1980 in respect of Mahulsukha Iron & Mn. Ore Mines over an area of 390.317 hec. under Bonai Forest Division of Sundargarh Dist of Odisha.

Ref No. : File No.FC-11/112/2020-FC(Pt), dtd.7th July 2021.

Dear Sir,

We are enclosing herewith the challan vide application no. 5838600360 & reference no. N327211722825977 dtd.23.11.2021 amounting Rs.100000/- (Rupees One lakh only) as mentioned subject cited above. The copy of the challan is enclosing herewith for doing the needful.

Thanking you,

Yours faithfully,
For Patnaik Minerals Pvt. Ltd.


B. Mohapatra
General Manager (P & C)

Encl : Copy of the Challan

AGENCY COPY

यूनियन बैंक Union Bank OF INDIA



NEFT / RTGS CHALLAN for CAMPA Funds

Date : 23-11-2021

Agency Name.	PATNAIK MINERALS PRIVATE LTD.
Application No.	5838600360
MoEF/SG File No.	NA
Location.	ORRISA
Address.	AT/PO. BANEIKALA, JODA, KEONJHAR, ODISHA, 758038 Kendujhar
Amount (in Rs)	100000/-

Amount in Words : One Lakh Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	UBIN0903710
Pay to Account No.	150825838600360 Valid only for this challan amount.
Bank Name & Address:	Union Bank Of India Lodhi Complex Branch, Block 11, CGO Complex, Phase I, Lodhi Road, New Delhi - 110003

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

After making successful payment, User Agencies m:
Email: helpdeskampa@corpbank.co.in

Note: After making the required payment through ch:
even after 7 working days, then kindly mail a copy o
Email: cb0371@unionbankofindia.com

Date: 23.11.2021
Time: 11:44 AM
Reference No: N327211722825977
Signature: 87389
Stamp: [Circular Stamp]

PATNAIK MINERALS PVT. LTD.

CIN : U13209OR1989PTC002368

PMPL/DFO/2022-23/014

DATE: 04.04.2022

To

The Divisional Forest Officer
Bonai Forest Division
Sundergarh, Odisha

Sub: Transfer of Forest Clearance under the Forest (Conservation) Act, 1980 to Mining Lease allotted to new lessee as per the provisions of the Mines and Minerals (Development and Regulation) Amendment Act, 2021, Mahulsukha Iron & Manganese Ore Mines of M/s Patnaik Minerals Pvt. Ltd.

Ref: File No. FC-11-112/2020-FC (Pl.), Dated 07.07.2021

Dear Sir,

We would like to inform you that GoI, MoEF & CC vide File No. FC-11-112/2020-FC (Pl.) dated 7th July 2021 issued Guideline under Forest (Conservation) Act for transfer Approval Under Forest (Conservation) Act, 1980 subject to compliance of stipulated conditions. We are submitting herewith Compliance as under:-

Condition No. i.

Complete compliance of such terms and conditions as stipulated in the approval granted previously under the FCA-1980, and rules and guidelines framed there under in respect of the concerned mining lease has been made. The non-compliance of conditions, if any, stipulated in the approval granted to the erstwhile agency under FCA-1980, which were required to be complied before handing over the forest land to such agency, shall be transferred as liabilities to the new allocatee, and in such case, complete compliance of such conditions shall be made prior to handing over of forest land to the new allocatee. For the remaining conditions, the new allocatee will make an undertaking to comply with, before handing over of the forest land. It is clarified that in case of violation of any of the conditions which was done during the period of previous allocatee and which constitutes an offence under the FCA-1980, the penal clauses will be invoked against the previous allocatee only and not against the new allocatee.

In compliance to the above, we are submitting herewith compliance of Stage - II order accorded by the MoEF, GoI in respect of Mahulsukha Manganese Ore Mines of M/s Aryan Mining Trading & Corporation Pvt. Ltd. (M/s AMTC) vide Letter No. 8-93/2004/FC-, Dt. 18.08.2008. Subsequently the aforesaid Mines under auction process, M/s Patnaik Minerals Pvt. Ltd. declared as successful bidder and lease deed

executed. All the approvals & statutory clearances has been vested in favour of M/s Patnaik Minerals Pvt. Ltd by the State Government vide Letter No. 4246/SM, dt. 30.05.2020 of Govt. of Odisha, Steel & Mines Department is as under:-

Sl. No.	Conditions	Compliance
1.	<i>Legal status of the diverted forest land shall be remain unchanged</i>	Legal status of the diverted forest land will be remain unchanged.
2. (i)	<i>Compensatory Afforestation shall be raised and maintained by the State Forest Department at the project cost.</i>	As directed the sum of Rs.22,54,400/- has been deposited with Forest Department towards compensatory afforestation (Compliance Report Ex-Lessee)
(ii)	<i>Fencing protection and regeneration of the safety zone area (7.5 metres strip all along the outer boundary of the mining lease) shall be done at the project cost and half times the area under safety zone, shall also be done at the project cost. Besides this, afforestation on 100 metre radius of mining lease granted in degraded forest land if density is less than 0.4, enrichment plantation shall be taken up by the user agency in consultation with the Forest Department.</i>	Accepted and amount already deposited to take up the job. In addition we have completed about 2.5 km fencing of ML boundary and safety zone area. Apart from this plantation has been done along the Safety Zone area in due consultation with the Forest Department.
(iii)	<i>Wherever possible and technically feasible, the User Agency shall undertake afforestation measures in the blanks within the lease area, as well as along the roads outside the lease area diverted under this approval, in consultation with the State Forest Department as the Project Cost.</i>	Accepted and plantations have been done at the blank area within the ML area. Post plantation care is being carried out.
3.	<i>The scheme for soil and moisture conservation for the entire watershed area shall be implemented at the project cost.</i>	Adopted suitable practices such as construction of check dams, Settling ponds, coir / geo-textile coir matting, grass patching and plantation of native species over the matured OB Dumps for the water shed area.
4.	<i>All the measures should be taken to prevent pollution of tanks, rivers and nalas, etc. The de-silting tanks of adjoining villages in radius of 5 km may also be taken up by the User Agency from time to time</i>	Retaining wall, Garland drains, settling ponds and check dams are constructed and being maintained at regular intervals to prevent surface run-off. Garland drains and settling ponds are being de-silted at regular intervals. In addition, we are also cleaning the Bhutuda Nala at regular interval for facilitating the use by local villagers.
5.	<i>The period of diversion under this approval shall be twenty (20) years subject to possession of valid lease by the User Agency under the MMDR Act, 1957.</i>	Accepted

6.	<i>Any tree felling shall be done only when it is absolutely necessary and unavoidable, and that too under strict supervision of the State Forest Department.</i>	Accepted
7.	<i>No damage to the flora and fauna of the area shall be caused.</i>	Accepted
8.	<i>For reclamation works, the top soil should be used for reclamation. The areas shall be reclaimed keeping in view the international practice of stabilizing the dumps by grading/benching so that angles of repose (normally less than 28° at any given place) are maintained.</i>	125 m ³ Top soil has been preserved for undertaking reclamation. Grass seedling have been planted over top soil stack for stabilization and to preserve fertility.
9.	<i>The reclamation plan shall be implemented and monitored continuously. The User Agency should furnish the extent of area to be technically and biologically reclaimed each year, to facilitate monitoring. The annual report about the progress of reclamation should be submitted to the Chief Conservator of Forests, Regional Office, Bhubaneswar and the Nodal Officer, Orissa.</i>	Progressive reclamation shall be carried out as approved reclamation plan from time to time and accordingly progress of reclamation shall be intimated to concerned authority.
10.	<i>It shall be ensured that no labour-camps are set up</i>	It is ensured that no labour camps are set up.
11.	<i>The mining lease area shall be demarcated on ground at the project cost, using four feet high RCC pillars, with each pillar inscribed with the serial number, forward and backward bearings and the distance between two adjacent pillars.</i>	The mining lease area already demarcated on ground at the project cost, using four feet high RCC pillars, with each pillar inscribed with the serial number, forward and backward bearings and the distance between two adjacent pillars.
12.	<i>The forest land shall not be used for any purpose other than that specified in the proposal.</i>	The forest land are not being used for any purpose other than that specified in the proposal
13.	<i>Any other condition that the CCF (Central), Regional Office, Bangalore/the State Forest Department may impose from time to time for protection and improvement of flora and fauna in the forest area, shall also applicable.</i>	Accepted

Other Information:

- In compliance to the circular No. F.No. 11-9/98-FC dated 08.07.2011 of Ministry of Environment and Forest, Government of India to ensure accurate delineation of the forest area proposed to be diverted for non-forestry purposes under Section – 2 of Forest (Conservation) Act, 1980, we have prepared the required Digital Geo Referenced Map showing the forest area with mining lease boundary duly certified by ORSAC.

Condition No. ii.

Approval under FCA-1980 was valid on the date of expiry of previous lease.

The Forest Clearance accorded by Ministry was valid up to 31.03.2020 and subsequently the same has been vested in favour of M/s Patnaik Minerals Pvt. Ltd.

Condition No. iii.

Mining operations will be restricted to the forest area for which approval under Section 2 (ii) of the FC Act, 1980 has been obtained by the erstwhile user agency. No non-forest use of such forest lands falling within the lease shall be allowed, for which approval under Section 2(ii) has not been obtained by the State Government. Mining in such areas may be allowed only after obtaining prior approval of the Central Government under Section 2 (ii) of the FCA- 1980.

We do hereby undertake to restrict our mining operation to the forest area for which approval under Section – 2 (ii) of the FC Act, 1980 has been obtained by the erstwhile user agency till we obtain the forest clearance over balance forest area within our mining lease.

Condition No. iv.

The State Government shall ensure that the amount of Net Present Value, Safety Zone Plantation and Compensatory Afforestation (CA), if not deposited earlier, has been deposited prior to handing over of the forest land to the new allottee. Also, in case the CA land has not been made available previously, the forest land shall be handed over to the new allottee only after the corresponding CA land has been accepted by the competent authority as per the extant procedures for acceptance of CA lands for a new proposal.

In compliance to above, all payments with respect to Net Present Value, Safety Zone Plantation and Compensatory afforestation (CA) already made by the Ex-Lessee. We have also deposited an amount of Rs. 27,60,32,250/- (Rupees Twenty seven crore sixty lakhs thirty two thousand fifty only) vide UTR No. HDFCR52020061683947645 on dt. 16/06/2020.

Condition No. v.

Mining operations and other activities shall be carried out as per the land-use allowed in the approval under the FCA-1980. Any change in the land use on account of any valid reason shall be effected with the prior approval of the Central Government.

In compliance to above, we do hereby undertake to carry out Mining operations and other activities as per the land use allowed in the approval under the FCA – 1980.

Condition No. vi.

Reclamation of the mined out forest area in the whole lease area as per the approved Mining Plan shall be an obligatory condition for the new allottee .

We do hereby undertake to carry out the reclamation of the mined out area in the whole lease area as per the approved Mining Plan.

Condition No. vii.

Transfer fee, as prescribed in the relevant guidelines incorporated in the Handbook of Forest (Conservation) Act, 1980 shall be realized from the new allottee and deposited into the account of CAMPA of the State concerned.

We have already deposited transfer fees the amount of Rs. 1, 00,000.00 (One lakh only) vide application no. 5838600360 & reference no. N327211722825977, dtd. 23. 11. 2021.

In view of above, we request your goodself to transfer the Forest Clearance in favour of Patnaik Minerals Pvt. Ltd

Thanking You,
For M/s Patnaik Minerals Pvt. Ltd.


GENERAL MANAGER (P & C)
GENERAL MANAGER (P & C)
M. S. PATNAIK MINERALS PVT. LTD.

F.No.8-93/2004-FC
Government of India
Ministry of Environment & Forests
(F.C. Division)

Paryavaran Bhawan, C.G.O. Complex,
Lodi Road, New Delhi-110003.
Dated: 16th February 2005

To

The Principal Secretary (Forests),
Government of Orissa,
Bhubaneswar.

Sub: Diversion of 227.00 ha. of forest land for 3rd renewal of Mahulsukha Manganese Ore Mines in village Randa, Rantha and Bhutuda of Bonai Tehsil in Bonai Forest Division in favour of M/s AMTC Ltd., in Sundergarh district of Orissa.

Sir,

I am directed to refer to your letter No. 10F(Cons.)-114-04/16131/F&E dated: 30-10-2004 on the above mentioned subject seeking prior approval of the Central Govt. under Section-2 of Forest (Conservation) Act, 1980, and to say that the proposal has been examined by the Forest Advisory Committee constituted by the Central Government under Section 3 of the aforesaid Act.

After careful consideration of the proposal of the State Government, and on the basis of recommendations of the above-mentioned Advisory Committee, the Central Government, hereby, agrees in-principle for diversion of 227.00 ha. of forest land for 3rd renewal of Mahulsukha Manganese Ore Mines in village Randa, Rantha and Bhutuda of Bonai Tehsil in Bonai Forest Division in favour of M/s AMTC Ltd., in Sundergarh district of Orissa, subject to fulfilment of following conditions:

1. User Agency shall deposit the Net Present Value (NPV) of the diverted forest land of 227.00 ha., with the State Forest Department as per the orders of the Hon'ble Supreme Court dated 30-10-2002 & 1-8-2003 in LA No.566 in WP (C) No.202/1995 and the guidelines issued by this Ministry vide letter No.5-1/98-FC(Pt-II) dated 18-9-2003 and 22-9-2003 in this regard.
2. The State Government shall deposit all the above-mentioned fund in form of Fixed Deposits in the name of concerned DFO/ Nodal Officer of the State, till such time the CAMPA intimates the Head of Accounts for deposition of fund.
3. The non-forest land for compensatory afforestation, shall be notified by the State Government as RF under section - 4 of the Indian Forest Act, 1927 prior to Stage-II clearance.
4. State Government shall provide funds to the concerned DFO to execute the works prior to Stage-II clearance to enable him to comply with the condition of Safety Zone as stipulated earlier.
5. User agency shall contribute to the State Government for the implementation of Regional Wildlife Management Plan prepared for Bonai and Keonjhar Divisions.
6. The user agency shall protect the top soil at the project cost.

NPV DETAILS TOWARDS MAHULSUKHA MANGANESE ORE MINES M/S A.M.T.C.

Sl. No.	NPV Towards Area (Ha)	NPV / HA	Amount	Date
1.	227.000	7,30,000.00	13,16,60,000.00	03.04.2008
2.			3,40,50,000.00	24.05.2010
3.	113.332	7,30,000.00	8,27,32,360.00	03.07.2010
4.	37.231	7,30,000.00	2,71,78,630.00	31.03.2016
TOTAL	377.563		27,56,20,990.00	



By E-mail

ବନଖଣ୍ଡ ଅଧିକାରୀଙ୍କ କାର୍ଯ୍ୟାଳୟ : ବଣାଇଁ ବନଖଣ୍ଡ ।
OFFICE OF THE DIVISIONAL FOREST OFFICER: BONAI DIVISION.
Phone / Fax – 06626-244434: E-mail
At- dfobonai.od@gov.in

No. 3988 /BF-(Mg.) Dt: 8-4 .2020

To

M/s Patnaik Minerals (P) Ltd.
Baneikela, Keonjhar-758038
E-mail: pmpleauction@gmail.com

Sub:- Guideline under F.C. Act, 1980 in pursuance of the "The Minerals Laws (Amendment) Act, 2020" regarding.

X-Sub:- Demand of funds towards Net Present Value (NPV) in respect of Mahulsukha Iron & Mn. Ore Block over 368.043 ha. of forest land.

Ref:- F. No.11-97/2018-FC dt.31.3.2020 of the MoEF & CC, GoI and Memo No.6791/F&E dt.7.4.2020 of the Special Secretary to Govt. of Odisha, F&E Deptt., Bhubaneswar.

Sir,

As per the Para-C of the guideline issued by the MoEF & CC, GoI vide F. No.11-97/2018-FC dt.31.3.2020 and Memo No.6791/F&E dt.7.4.2020 of the Special Secretary to Govt. of Odisha, F&E Deptt., Bhubaneswar, you are requested to deposit the amount of ₹ 27,60,32,250/- (Rupees Twenty Seven Crore Sixty Lakhs Thirty Two Thousand Two Hundred Fifty) only @ 7.50 Lakhs per ha. towards Net Present Value (NPV) over 368.043 ha. of total forest land involved within the Mahulsukha Iron & Mn. Ore Block, Mining Lease. This amount shall be deposited into the account of CAMPA, which will be adjusted against actual compensatory levies payable on the forest land at the time of approval under F.C. Act, 1980. The proof/evidence of the deposit of fund should be submitted to this office for further necessary action at this end.

Yours faithfully,


Divisional Forest Officer,
Bonai Division.

Memo No. 3988 /BF-Dt: 8-4 .2020

Copy forwarded to the Special Secretary to Government of Odisha, F&E Deptt., Bhubaneswar for favour of kind information and necessary action with reference to his Memo No.6791/F&E dt.7.4.2020.


Divisional Forest Officer,
Bonai Division.

Contd.2...

Single Payment Details

Debit Details	
Order Party	PATNAIK MINERALS PVT LTD23
Branch	Joda
Debit A/C	18208640000023
Credit Details	
Beneficiary Code	
Beneficiary Name	ORRISA CAMPA
IFSC Code	CORP0000371
A/c	150825838600489
Other Details	
Amount	276032250
Value Date	16/06/2020 00:00
Payment Mode	RTGS
Bank Refence	006168034263
Reason	
UTR No.	HDFCR52020061683947645
Remitter Email Id	
Authorization Details	
Last Inputted By	SAROI
First Authorizer	SAROJKP
Status	E
Branch	
Branch	NEW DELHI LODHI CC
Bank	CORPORATION BANK
Currency	
Currency	INR
Debit Narration	
Credit Narration	ORRISA CAMPA NPV
Enet Reference	FT006168034263
Last Updated	
Second Authorizer	16/06/2020 10:22
Created Date and Time	
16/06/2020 10:08:49	



OFFICE OF THE TAHASILDAR: GURUNDIA
Ph.-+91662-6242010, E-Mail: tah.gurun-od@nic.in

No. 2000

Date. 30.10.2023

To,

The Divisional Forest Officer,
Bonai

Sub: -

Submission of revised land schedule of 78.119 ha. of non-forest land for the purpose of Compensatory Afforestation in lieu of forest land to be diverted in respect of **Mahulsukha Iron & Manganese Ore Mines of M/s Patnaik Minerals Pvt. Ltd. under Lahunipada Tehsil.**

Ref: -

your letter No.6169 Dt.7.8.2023.

Sir,

With reference to the letter on the subject cited above, I am to submit herewith Location Map showing GPS Map jointly signed by Range Officer, Tamra for the purpose of Compensatory Afforestation in lieu of diversion of follow schedule of land in 1 copy.

LAND SCHEDULE

LAND SCHEDULE				
Village	Khata No.	Plot No.	Kisam	Area identified (In Ac.)
Bhurung	33	88	Pahad	37.75
		97	Pahad	24.05
Saplata	64	206	Pahad	33.35
		367	Chatan	9.21
		384	Chatan	52.77
		692	Pahad	6.11
		699	Pahad	6.71
		704	Pahad	20.00
		727	Pahad	14.26
TOTAL				204.21

This is for favour of kind information and necessary action.

Encl: - As above

Yours faithfully,

[Signature]
Tahasildar, Gurundia

Memo No. _____ / Dt. _____

Copy forwarded to M/s Patnaik Minerals (P) Ltd. Baneikela, Keonjhar-758038 for favour of kind information and necessary action.

[Signature]
Tahasildar, Gurundia

CARRYING CAPACITY OF THE EXISTING ROAD FOR CARRYING ITS ORE TO THE FINAL PROCESSING SITE

The lease area is approachable from Koira - Barasuan road through a metal road of 8 Km. This road is being utilized for transportation of ore from the lease area. This road is 20m wide two lane single lane road. The carrying capacity of the road will be 1500 PCU/hr.

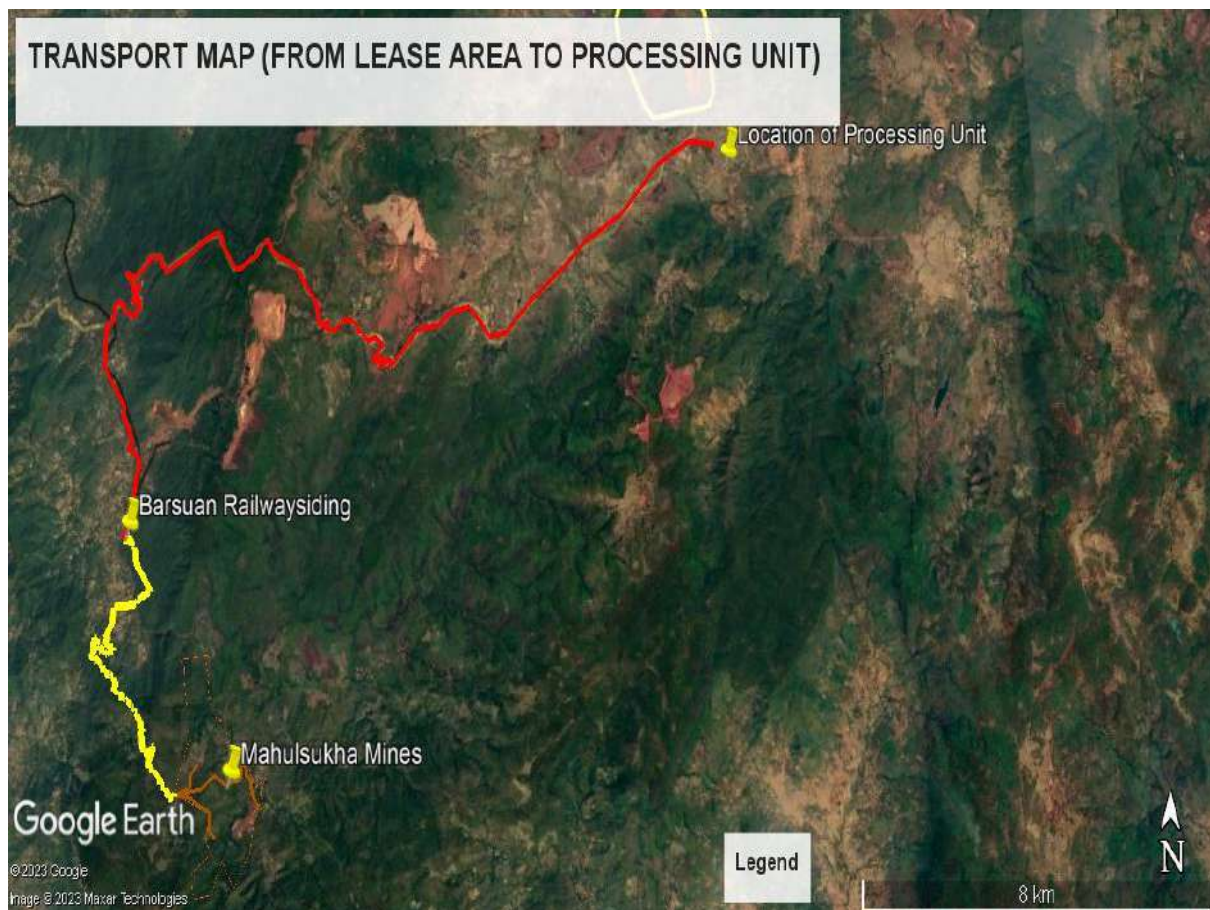
The Koida road connect to NH 215 which is four lane two way road of 60m wide, This road is of carrying capacity of 3600 PCU/ hr.

The ore excavated from the lease area will be transported through this road to the processing unit which is located at Koida. Details of transportation requirement form the mines has been given in the table below:

TRANSPORTATION OF ORE FROM THE LEASE AREA

Sl. No	Particular	Iron Ore	Manganese ore
1.	Production capacity (Million TPA)	1.0	0.15
2.	No. of working days	300	300
3.	Capacity of tipper (Tons)	35	20
4.	Transportation of Ore (Tons per day)	3333	500
5.	Effective Working hr (for transportation) per day	16	16
6.	No. of trips (filled and unfilled) per day	190	50
7.	Frequency of tippers deployed/hour	11	3
8.	Increase in PCU's per hour	40	11
9.	Tonnage Factor	3	2.3

Maximum transportation from the lease area per hour will be 14 trucks per hour which is equivalent to 51 PCU/hr. This additional load of traffic can be handled by the existing road. Further the lessee with the district administration will undertake the responsibility of maintenance of the Koira - Barasuan metalled road. As per the traffic study carried out for the road considering the additional traffic load due to the proposed mining operation the LOS will be remain as B. The transport route map from the lease area to the railway siding and the processing unit has been given in the map.



Map showing the transport route from lease area to the processing unit

Existing and changed Level of Service on OMC-Barsuan Road

Location	Existing Traffic load			Total traffic load including sand transportation		
	No. of PCUs	V/C	LoS	No. of PCUs	V/C	LoS
On the OMC Mines-Barsuan Road	835	0.33	B	855	0.36	B
2 lane (one way) as per IRC:106-1990= 1500 PCU/hr						
No of PCUs from mines considered = 51 during peak hour						

Fig 3.35 Level of Traffic Service

V/C	LoS	Performance
0.0 – 0.2	A	Excellent
0.2 – 0.4	B	Very Good
0.4 – 0.6	C	Good
0.6 – 0.8	D	Fair/Average
0.8 – 1.0	E	Poor
1.0 & above	F	Very Poor
V= Volume in PCU's/hr. C= Capacity in PCU's/hr. LOS= Level of Service		

Level of Traffic Service

From the study it can be observed that the level of service on the Road connecting OMC mines and Barsuan railway siding will remain unchanged due to the proposed movement of trucks used for transportation of Iron ore from the lease area. The lessee will contribute towards the maintenance of the road.

Proposed Mitigation Measures for transportation from the mines

The following preventive measures shall be taken to control the air pollution at different sites present inside the lease area due to transportation of ore from the lease area.

- a. Regular water sprinkling on haul roads, waste dumps and maintaining approach roads, to suppress the dust by two nos of 20 KL water sprinklers and one 10 KL water sprinklers thrice daily.
- b. The volume of dust rising from waste dump areas, quarry site, roads, etc. by action of wind shall be checked by planting grasses and broad leaf trees and regular water sprinkling.
- c. Ensuring transporting vehicles not to cross the stipulated speed (30 Km/hr). A strict instruction should also given in the entrance board it shall be displayed that no vehicle should run greater than a speed of 30 Km/hour. Valid PUC certified vehicle will only allow to entry within the lease premises. A well-trained security organization will be engaged for the purpose.
- d. Over loading on transport vehicles to be prevented in order to stop spillage.
- e. Strengthening further the green belt plantation around ML area, quarry and over burden dump as well as crushing plant site.
- f. Water sprinkling on the ore stack yard will be done to check air borne dust.
- g. Exhaust fumes in the internal combustion engines used in excavators, ensuring vigorous maintenance and stringent overhaul schedules shall minimize dumpers, dozers and other machinery.
- h. Wet drilling method shall be adopted.
- i. Water injection system in drill and wearing of PPE by driller to be proposed to control air pollution and minimization of its effect.
- j. Regular monitoring of air is being conducted quarterly to know the quality of air in core as well as buffer zone and followed up by Environment department with immediate action.



MAHULSUKHA IRON & MN. ORE MINES
M/S PATNAIK MINERALS PVT. LTD.

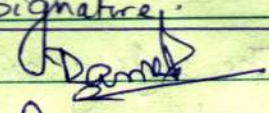
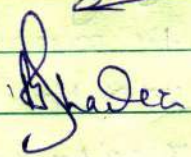
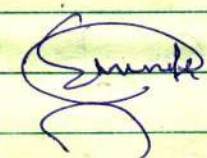
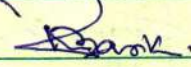
SAFETY AWARENESS MEETING REGISTER
W.E.F JAN' 2023



1st Safety Awareness Meeting on 02/01/2023 (Venue: Mines Guest House)

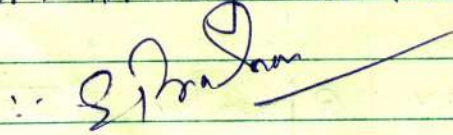
The safety awareness meeting was conducted by A.G.M (Mines) and the meeting was only focused on "Mines Safety" by our Mining Foreman Mr. Sujit K. Pradhan before the starting of Mining work (7:00 AM to 8:00 AM). The all workers gathered at Mines Guest house. The meeting was successfully completed with the following workers.

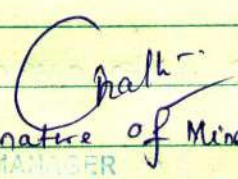
Sl. No.	Name of worker	Designation	Signature
1	Bibhu Mohanty		Bibhu Mohanty
2	Nihar Ranjan Rout		N. Rout
3	Satyaki Mishra	Mining Engg.	S. Mishra
4	Jyoti Prakash Sahoo		J. Sahoo
5	Kailash Ch. Patra		K. Patra
6	Kishor Ch. Mishra		K. Mishra
7	Lebadi Kanta Poudharaj		L.P.
8	Sekander Sharma	operator.	S. Sharma
9	Ranga Patra	operator.	Ranga Patra
10	Rajendra Prasad Yadav	operator.	R. Yadav
11	Chandra Mohan Bishnoi	operator.	C. Bishnoi
12	Narayan Biswal	Mechanics	Narayan Biswal
13	Gobinda Patra	Store I/C.	Gobinda Patra

Sl. No.	Name of Workers.	Designation	Signature.
15	Baisahakhi Barik	Driver.	
16	Parat Jhafer	Driver.	
17	Jagannath Apat	Driver.	Jagannath Apat.
18	Purna Ch. Patra	Driver.	
19	Ganesh Barik	Driver.	Ganesh
20	Asiba Harso	Driver.	Asiba Harso
21	Enem Munde	Driver.	
22.	Ranjit Barik	Driver Cambulance	

Name of speaker: Mr. Sujit Kr. Pradhan.

Signature




Signature of Mines Manager

2nd Awareness Meeting on 17/01/2023 at Mines office

The 2nd safety awareness Meeting was conducted at our Mines in presence of G.M (Planning and Control) and A.G.M Mines. The Meeting was discussed on "Importance of Wearing Safety Equipments at Mines". In this meeting all workers participated and interaction among them. The meeting was completed successfully. The Participants of the meeting are listed below:-

Sl. No.	Name of Workers	Designation	Signature
1.	Chandana Kanta Rath .	A.G.M (Mines)	
2.	Sujit Kr. Pradhan	Mining Foreman	Sujit Kr. Pradhan
3.	Rehali Kanta Pradhan	Mining mate .	Rehali
4.	Abhinash Maharana.	Geologist .	Abhinash Maharana
5.	Gayatri Basu Mishra	Mining Engnr.	Gayatri
6.	Roadeel Kr. Panda .	Surveyor .	Roadeel panda
7.	Barun Kr. Behra	Manager (F & E)	Barun
8.	Papan Barik	Supervisor .	Papan Barik
9.	Parikheya Dehury	Supervisor .	Parikheya Dehury
10.	Kandra Dehury	Supervisor .	Kandra Dehury
11.	Santosh Kr. Barik	Supervisor .	Santosh Barik
12.	Krushna Apat	Supervisor .	Krushna Apat
13.	Dhanani Munde	Supervisor .	Dhanani

Sl. No.	Name of workers.	Designation	Signature
14.	Gatikroushna Behera	Sr. Welder.	G. Behera
15.	Ajit Kr. Mohanta	operator.	A. Mohanta
16.	Rajendra Pradhan		R. Pradhan.
17.	Jogeshwar Patra		Jogeshwar Patra

Name of speaker: ~~Bhabagreahi~~ Mohapatra

Signature: -

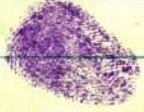
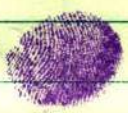
B. MOHAPATRA
GENERAL MANAGER (P & T)
M/S. PATNAIK MINERALS PVT. LTD.

Call:-
Signature of Mines Manager

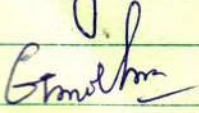
3rd Safety Awareness Meeting on 31-01-2023 at Mines Labour Plot

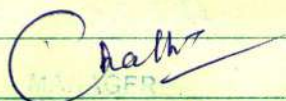
The 3rd Safety awareness meeting was conducted at our Mines. The meeting was venue at our Mines labour plot. The Meeting was being discussed on "Safe Worker Save Lives". The details of the theme explained by Mr. Gayatri Mishra, Asst. Manager (Mining). The Meeting was successfully completed. The Name workers participated in the Meeting are listed below:-

S.No.	Name of workers.	Designation.	Signature.
01.	Narasimh Sreeni.		ନରସିଂହ ସ୍ତ୍ରୀ
02.	Pandya Sundhi		ପାଣ୍ଡ୍ୟା ସୁନ୍ଦହି
03	Samuel Bred.		ସାମୁଏଲ ବ୍ରେଡ
04	Saran Dang		Saran Dang
05	Sitarom Dehrai		ସିତାରମ ଦେହରା
06	Sudhor Munda		Sudhor Munda
07.	Sumia munda		ସୁମିଆ ମୁନ୍ଦା
08	Teli nika		ଡେଲି ନିକା
09	Uday Seneja		ଉଦୟ ସେନିଆ
10	Umbulan munda		ଉମ୍ବୁଲାନ ମୁନ୍ଦା
11	Ashab kandulana		ଆଶାବ କାନ୍ଦୁଲାନା
12.	Achnita Gadia.		ଆକ୍ଷିତା ଗାଡ଼ିଆ

Sl. No.	Name of workers.	Designation	Signature
13	Birsha Sunon		बिर्षा सुनोन
14	Dhanu Nask		धनु नास्क
15	Hatnam munda		
16	Kena Deheni		केना देहेनी
17	Mangena munda		मंगेना मुन्दा
18	Danu Munda		
19	Dasharzi Deheni		दशरजी देहेनी
20	Madhe Deheni		मधे देहेनी
21	Kashinath Nask		काशीनाथ नास्क
22	Ramu Deheni		राम देहेनी
23	Babulal Nask		

Name of speaker:- Gayatri Mishra

Signature:- 

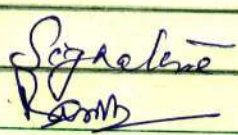
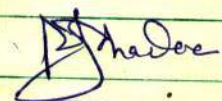
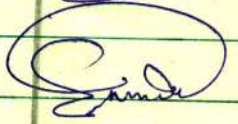
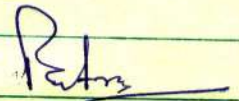
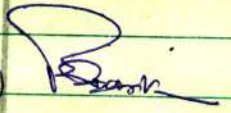


MAHULSUKHA IRON & MIN. ORE MINES
M/S. PATNAIK MINERALS PVT. LTD.

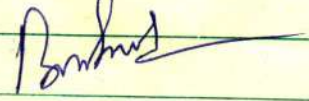
Signature of Mines Mgr.

at Infront of Mines Guest House

The 4th 'Safety' Awareness Meeting was conducted by A.G.M. (Mines) at Mines office. The meeting was being discussed by Mr. B. Mohanb on the Theme of "Safe Driving within the Lease Area". The meeting was completed successfully with all participants from various departments.

S. No.	Name of Worker.	Designation	Signature
1.	Bairakh Barik	Driver	
2.	Jagannath Apat	Driver	Jagannath Apat
3.	Asiba Haroo.	Driver	Asiba Haroo
4.	Pravat Jhadea	Driver	
5.	Enem Meunda	Driver	
6.	Purna Ch. Barik Barua	Driver	
7.	Ranjeet Barik.	Driver (Ambulance)	
8.	Ganesh Barik.	Driver.	Ganesh

Name of speaker: Mr. Bibhut Mohanb

Signature: - 

MANAGER
MAHUL SIKHA IND. & MIN. ORE MINES
M/S. PALLARI MINERALS PVT. LTD.

Signature of Mines manager.

5th Safety Awareness Meeting on 08/02/2023 at Workshop.

The 5th Safety Awareness Meeting was being conducted by A.G.M. (mines) and Mr B. Mohanty, Mechanical Engineer on the Theme of "Safety Docks at Workshop". The participants from Drivers and helpers, ^{of various} gathered and the meeting completed successfully. The participants are listed below:-

Sl.No.	Name of Workers.	Designation	Signature.
1.	Ajit Ku. Mohanti	Operator	<u>A Mohanti</u>
2.	Gatikrushna Behera	Welder.	<u>G. Behera</u>
3.	Jagannath Apat	Driver.	<u>Jagannath Apat</u>
4.	Pravat ghader	Driver.	<u>Pravat</u>
5.	Enam memide	Driver	<u>Enam</u>
6.	Purna Ch. Barik	Driver.	<u>Purna</u>
7.	Ganesh Ch. Barik	Driver.	<u>Ganesh</u>
8.	Baicekh Barik	Driver.	<u>Baicekh</u>
9.	Rajendra Pradhan	Welder.	<u>R Pradhan</u>
10.	Asiba Haroo		<u>Asiba Haroo.</u>
11.	Soyen Dang	Supervisor	<u>Soyen Dang</u>

Speakers: Mr. Bibhuti Mohanty

Signature: Bibhuti Mohanty

Crack

MAHULPUR IRON & MIN. ORE MINES
M/S. PATNAK MINERALS PVT. LTD.

Signature of Mines mgr.

6th Safety Awareness Meeting on 14/03/2023.

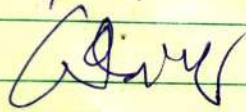
Venue:- Mines office.

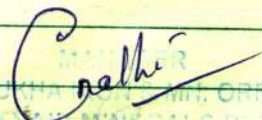
The 6th safety awareness Meeting was held on 14/03/2023 and conducted by Mr. C.K. Rath, A.G.M. (mines). The Meeting was on the theme of "Labour problems w.r.t Safety". The meeting was successfully completed with Labour Contractors and all mine workers.

S.No.	Name of Workers.	Designation	Signature.
01	Ganesh Barik		Ganesh
02	Teli Naik		ତେଲି ନାୟକ
03	Sejan Dang		ସେଜନ ଦାଙ୍ଗ
04	Asiba Haroo		Asiba Haroo
05	Samuel Bzed		ସାମୁଏଲ ବ୍ରେଡ
06	Pravat Jhadi		ପ୍ରବୀର ଜାଦି
07	Madhe Dehzeni		ମାଧେ ଦେହେନି
08	Narsingh Soren		ନରସିଂହ ସୋରନ
09	Pandya Srendha		ପାଣ୍ଡ୍ୟା ସୁରେନ୍ଦ୍ର
10	Besakhe Barik		ବେସାକ୍ଷେ ବାରିକ
11	Sitaram Dehzeni		ସିତାରାମ ଦେହେନି
12	Dhanze Naik		ଧାନଜେ ନାୟକ
13	Vdanya Soren		ବିଦ୍ୟା ସୋରନ

14.	Ashrita Jada	ਅਸ਼ਰੀਤਾ ਜਾਦਾ
15	Samzel Bznd	ਸਮਜਲ ਬਜੰਦ
16	Babzelal Naek	
17	Ramze Dehzari	ਰਾਮਜੇ ਦੇਹਜਰੀ
18	Scemda Mzenda	ਸ਼ੇਮਦਾ ਮਜੰਦਾ
19	Pircha Szereen	ਪੀਰਚਾ ਸ਼ੇਰੀਨ
20	Mangura Mzenda	Mangana Mzenda
21	Umbzelam Mzenda	—

Speaker:- Mr. Guropeet Singh.

Signature:- 


MAHULSUKHA MINERAL ORE MINES
M/S. PATNAN MINERALS PVT. LTD.

Signature of Mines mgr.

The 7th Safety awareness meeting was conducted by Mr. C. K. Rath (A.G.M), Mines. The Meeting was with "Safe Drinking Safe life". The meeting was being completed successfully along with all miners. The participants joined in the meeting are listed below.

01	Sitarans Dehene	ସିତାରାମ ଦେହନ
02	Ashoka Jadia	ଅଶୋକ ଜାଡ଼ିଆ
03	Dhanu Wark	ଧନୁ ନାଥ
04	Narasing Sonen	ନରସିଂହ ସୋନ
05	Ramke Dehene	ରାମକେ ଦେହନ
06	Jagannath Afat	ଜଗନ୍ନାଥ ଅଫାଟ
07	Onem Menda	ଓନେମ ମେନ୍ଦା
08	Mangana Menda	ମଙ୍ଗନା ମେନ୍ଦା
09	Segon Dang	ସେଗନ ଡାଙ୍ଗ
10	Udaya Senon	ଉଦୟା ସେନ
11	Ganesh Baredi	ଗନେଶ
12	Samuel Bred	ସାମୁଏଲ ବ୍ରେଡ

13. Umbelam Menda

উম্বেলাম মেন্দা

14 Birsha Szereen

বিশ্বা সেরেন

15 Babulal Naik



16 Pandiya Szendhi

17 Teli Naik

তেলি নাইক

18 Narasingh Szereen

নারসিংহ সেরেন

19 Szemia Menda

সেমিয়া মেন্দা

20 Ashab Kandelama

আশাব

21 Madhe Dehzeri

মদে দেহেরি

Cratha

MAHULSUKHA COAL & LIME MINES
M/S. PATHANMUKH PVT. LTD.

Signature Mines Manager.



TRAINING PROGRAMME FOR MINERS W.R.T. SAFETY



TRAINING PROGRAMME FOR MINERS W.R.T. SAFETY

ANNEXURE 15: PLANTATION ON DUMPS





