

**STATUS OF ENVIRONMENTAL CLEARANCE CONDITIONS – “RAIKELA IRON ORE
MINE –PROJECT OF M/S GEETARANI MOHANTY” LOCATED IN VILLAGE
RAIKELA, TEHSIL KOIDA, DISTRICT SUNDARGARH, ODISHA.**

A. SPECIFIC CONDITIONS

- i. **All the conditions stipulated by the State Pollution Control Board, Orissa in their consent to establish shall be effectively implemented.**

Compliance Status

Consent to establish obtained from State Pollution Control Board, vide letter No. 1764/IND-NoC-3700 dated 31.01.2006. All condition stipulated by the state pollution control Board, Odisha are effectively implemented.

- ii. **Necessary forestry clearance under the Forest (Conservation) Act, 1980 for an area of 66.671 Ha is forestland shall be obtained before starting mining operation in that area. Environmental clearance is subject to grant of forestry clearance.**

Compliance Status

The Government of India, Forest and Environment Department and Ministry of Environment Forest & Climate change have accorded Stage-II forest clearance for diversion of entire forest land 66.671 Ha including 2.523 Ha. of forest land within the safety zone of the mining lease during 1st RML period vide letter F.No.8.37/2007-FC dated 22.10.2014, Copy of the same is attached as **Annexure – I**.

- iii. **The mining operations shall be restricted to 2m above the reported water table i.e. 672m RL and it should not intersect groundwater table. In case of working below ground water table, prior approval of the Ministry of Environment and Forests and Central Ground Water Authority shall be obtained, for which a detailed hydro-geological study shall be carried out.**

Compliance Status

The present depth of the mining operation 765m RL, which is the above ground table, so, the present mining activity is not going to intersect the 2m above the ground water table. In case of intersection in future, the project will abide the said condition and will get prior approval from MoEF & CGWA. However, the Project has carried out a detailed study on hydrology and hydro-geological aspect of the area through an expert agency

- iv. **The project proponent shall ensure that no natural watercourse and/or water resources shall be obstructed due to any mining operations.**

Compliance Status

No, natural drainage system is being obstructed. We ensure that no natural water course will be obstructed due to our Mining Operations. Existing retaining walls has been extended to cover the entire OB dumps in order to arrest the runoff water during rain. The mine has constructed garland drains around the OB dumps with check dams and de-silting pits. Copy of the photos is attached as **Photo No. 1 & 2**



- v. **The top soil, if any, shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for a period more than 3years. The topsoil shall be used for land reclamation and plantation.**

Compliance Status

No, top soil produced during the current year as there is no fresh opening of the bench. In case of top soil generation would occur in the future, it will be stored in an earmarked area and necessary precaution will be taken to preserve its nutrient values so that it will be used for land reclamation and raising of plantations.

- vi. **The over burden (OB) generated during the mining operation shall be stacked at earmarked dump site(s) only and should not be kept active for long period of time. Proper terracing of OB dump shall be carried out so that the overall slope shall not exceed 28 degree. Out of the total 21,44,567m³ of waste to be generated during the mine life, 8,17,002m³ shall be disposed off in the form of external dump and 13,27,565m³ shall be backfilled in 7 Ha of mined out area. The backfilled area shall be afforested. The over burden dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dumps. 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 located at Bhubaneswar on six monthly basis.

Compliance Status

The mine is having Currently a waste/OB dump having area 2.0 Ha. The ultimate area will be 3.0 Ha (earlier there were 5 nos. of waste dump, out of which 4 dumps containing 45% Fe & it has been considered as sub-grade dump). Dumps are well dressed and terraced to avoid the natural collapse, dump surface area well stabilized with plantations to control the dump erosion. The overall slope shall not exceed 28 degree.

Bottom area of dump provided with adequate size of retaining wall, garland drain & siltation pond. Back-filling will commence after exhaust of mineral and the same will be reclaimed accordingly by plantation. Monitoring and management of rehabilitated areas will be continued until vegetation becomes self-sustaining.

- vii. Catch drains and siltation ponds of appropriate size shall be constructed around the working pit(s), mineral and OB dumps to prevent runoff of water and flow of sediments directly into the Suna Nallah, Karo Nallah, Rivers and water bodies. 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.**

Garland drains, settling tanks and check dams of appropriate size, gradient and length shall be constructed both around the mine pit and temporary over burden dumps to prevent runoff of water and flow of sediments directly into the Suna Nallah, Karonallah, Rivers and water bodies 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.

Compliance Status

In the entire area, where ever possibility of wash off, flow of sediments etc. is anticipated, Settling pond has been constructed to arrest sediments flow from the site of mining operation. The garland and retaining wall have been constructed around the dump and the regular cleaning of drain and de-silting of settling pond is also carried out. The water so collected is being utilized for the watering the mine area, road and green belt development etc. Details of the Check dam, Retaining wall etc. details showing as following **Table No. – 01.**

Sl. No.	Details	Remark
Waste Dump Stabilization/Garland drain/ Retaining wall	Retaining Wall at toe of Dump	Terracing of waste dump has been done. Cemented retaining wall of 1792.0 mtr. and garland drain of 900mts has been provided.
Check dams/ settling tanks	Check dam along slope of valley- 1 no, Garland drain- 600m.	3 nos. settling tanks are being constructed.

- viii. **Dimension of the retaining wall at the toe of over burden dump and over burden benches within the mine to check run-off and siltation shall be based on the rain fall data.**

Compliance Status

Based on the rainfall data the 1792M length of retaining wall with 1.5 x 1.2 M dimensions is made having the toe of the dump and adequate measures are taken to check the runoff and siltation during rainy season. Details given in the **Table no – 01** & Photo of the same is given **Photo no. 03 & 04.**



- ix. **Plantation shall be raised in an area of 20.276ha including a 7.5m wide green belt in the safety zone around the mining lease, backfilled area, quarry benches, roads etc. by planting the native species in consultation with the local DFO/Agriculture Department. The density of the trees should be around 2500 plants per Ha.**

Compliance Status

Native species provided the Divisional forest officer Bonai is being planted along the safety zone, Haul Road, Dump slope crusher area along the seasonal nala, a total of 31, 850 saplings have been planted within the lease area covering an area of 11.23 Ha. till September, 2014. Apart from that proposed plantation to be taken during period of 2014-15, 1600 saplings covering area in 1.00 Ha. Copy of the same is given in the following **Table no - 02** safety zone & Dump Plantation. Photos attached as **Photo No. 05 & 06.**

Name of the Site of plantation including the area in ha/RKM.	Total area Covered under plantation till Dec-2013	Total seedlings planted	Proposed plantation to be taken during 2014-15		
			Name of site	Area in ha/RKM	Number of seedlings to be planted
Green belt area- 3.716ha Dump area- 3.0 Ha Hutting Area inside ML -0.98 Ha Outside ML Area- 4.184 Ha	7.62 HA - Inside lease area 4.41 HA – Outside Lease area	17900 – Inside Lease area 9550- Outside Lease area	Afforestation (green belt building)	1.00	1600



- x. **Regular water sprinkling shall be carried out in critical areas prone to Air pollution and having high levels of SPM and RPM such as around crushing and screening plant, loading and unloading point and transfer points. Extensive water sprinkling should be carried out on haul roads. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.**

Compliance Status

Two nos. of water tanker with 8 KL capacity is provided & it sprays in regular intervals (3 times /day) in mines haul & mineral dispatch roads. sprinkling water tankers are used for dust suppression within the mines are being carried out regularly at crushing and screening plant loading and unloading point and on haul road. It shall be ensure that the ambient air quality parameters conform to the norms prescribed by the central pollution control board in this regard.

The monitoring of AAQ is being done in the core as well as buffer zone of the ML area, There are one no. of monitoring station in core zone *i.e.* Mines Site of ML Area and there are 3 no. of monitoring stations in the buffer zone such as Raikela Village, Bahamba Village, and Tantara village.

- xi. **Regular monitoring of water quality upstream and downstream of Suna Nallah and Karo Nallah shall be carried out and record of monitoring data should be maintained and submitted to Ministry of Environment and Forests, its Regional Office, Bhubaneswar, Central Groundwater Authority, Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board.**

Compliance Status

Regular monitoring of water quality of the nearby water bodies is carried out seasonally. Monitoring of water quality of Karo Nallah and Tantara at the upstream and downstream is being carried out seasonally. The monitoring data covers a total of 46 parameters and results are very well within the norms. The data is being maintained and submitted to authorities regularly. The results are very well within the norms.

- xii. 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.**

Compliance Status

The report has prepared in consultation with Regional Director, CGWB and Bhubaneswar. In line to the same, suitable rain water harvesting measures along with roof top rain Water Harvesting Structures will be implemented.

- xiii. Regular monitoring of ground water level and quality should be carried out in and around the mine lease 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), postmonsoon (November) and winter (January) and the data thus collected may be sent regularly to Ministry of Environment and Forests and its Regional Office Bhubaneswar, Central Ground Water Authority and Regional Director, Central Ground Water Board.**

Compliance Status

Monitoring of the ground water quality at 2 locations namely Tensa Tube well, & Tentulidihi dug well Village. The ground water quality as well as ground water level is being monitored 4 times in a year i.e. pre-monsoon, monsoon, post monsoon and winter. Regular monitoring of ground water level is being carried in and around the mine lease area by establishing a network of existing wells. Piezometer has already installed in the lease area of mines in 627m RL. The depth of water level is 624 m RL.

- xiv. The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of water (surface water and ground water) for the project.**

Compliance Status

No objection certificate for ground water withdrawal has been obtained from Central Ground Water Authority, New-Delhi.

- xv. Suitable rainwater harvesting measures on long term basis shall be planned and implemented in consultation with Regional Director, Central Ground Water Board.**

Compliance Status

The report has prepared in consultation with Regional Director, CGWB, Bhubaneswar. In line to the same, suitable rain water harvesting measures along with roof top rain Water Harvesting Structures will be implemented.

- xvi. **Appropriate mitigative measures should be taken to prevent pollution of Karo River in consultation with the State Pollution Control Board.**

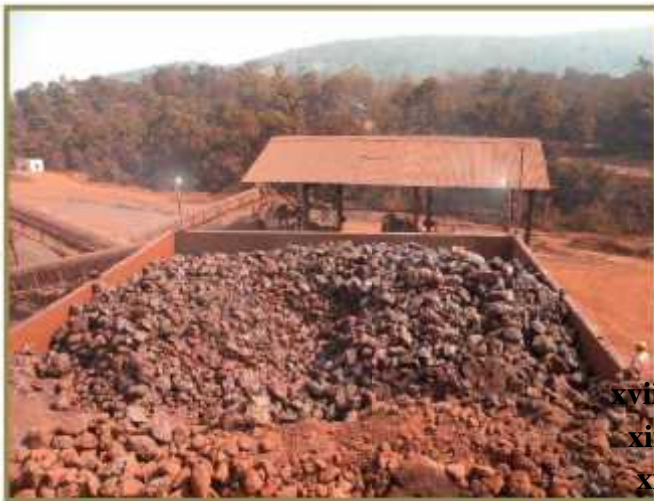
Compliance Status

Site specific mitigative measures to prevent polluting of the KaroNalla, has been initiated like implementation of surface run off management guard wall across the bank of nearby Nalla. The above are being followed in consultation with State Pollution Control Board, Odisha. **Photo is attached as Photo No. 07.**



- xvii. **Minerals handling plant shall be provided with adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These shall be properly maintained and operated**

Compliance Status



The effective dry fog system with hoods over the conveyor belts got provided at crushing and screening plant, besides this fixed water sprinkling arrangement is used to suppress the dust. Copy of the same is attached as **Photo No. 08**

- xviii. **Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded.**

Compliance Status

We are regularly monitoring the emission of the vehicle to ascertain whether the vehicle meet the pollution norms.

We ensure the preventive measures are being under taken for maintenance of vehicles used in mining operations and for transportation of mineral. The vehicular emission will be regularly monitored and kept under control.

- xix. **Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.**

Compliance Status

Presently there is no blasting as the mine is closed since December, 2012 due to the requirement of statutory clearances.

- xx. **Drills shall either be operated with dust extractors or equipped with water injection system.**

Compliance Status

Drill machine provided with dust extractor with water injection system. **Photo No. 8 & 9**



- xxi. **Consent to operate shall be obtained from the State Pollution Control Board prior to start of enhanced production from the mine.**

Compliance Status

The project proponent has obtained the Consent to operate Order for iron ore production of 0.864 MTPA along with crusher plants (1 x 50 TPH & 1 x 100 TPH) and screening plants (1 x 100 TPH & 1 x 200 TPH) from State Pollution Control Board, Odisha vide order no. 1586 and letter no. 18566/IND-I-CON-2572 dated 03.11.2014, valid up to 30.06.2015. Copy of the same is attached as **Annexure – 2.**

- xxii. Sewage treatment plant should be installed for the colony. ETP should also be provided for workshop and wastewater generated during mining operation.**

Compliance Status



ETP for work shop has been provided. The capacity of ETP is 2 cum / Day. As such we have no colony now. The waste water from guest house, etc. is being settled through soak pit and reused for gardening. **Photo No. 10.**

- xxiii. The project proponent should take all precautionary measures during mining operation for conservation and protection of endangered fauna, If any spotted in the study area and contribute towards the cost of implementation of the plan and/or Regional Wildlife Management Plan for conservation of flora and fauna so prepared by the State Forest and Wildlife Department. The amount so contributed shall be included in the project cost. A copy of action plan may be submitted to the Ministry and its Regional Office, Bhubaneswar within 3 months.**

Compliance Status

The Site Specific Wildlife Conservation Plan got prepared consulting with forest department an estimated cost of Rs. 100 lakh of which Rs. 28.00 lakh has been earmarked for implementation of Site Specific Wildlife Conservation Plan within the Mining Lease area and Rs. 72.00 Lakh has been earmarked for implementation for the purpose in the buffer zone i.e. within the zone of influence. Precaution measures are taken for conservation during the mining operation. The flora and fauna are protected as indicated in approved site specific wildlife management plan. Copy of the same is attached as **Annexure – 3**.

- xxiv. 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 approval.**

Compliance Status

The Project has submitted a Bank guarantee of Rs. 14,86,275/-for rehabilitation as a part of the management of the mines closure of the Project. It has been approved by IBM in the mining plan on 03.08.2011

A final mine closer plan along with detailed corpus fund will be submitted to the ministry of Environment & Forest 5 years in advance of final mine closure for approval.

GENERAL CONDITIONS

- i. **No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment & Forests**

Compliance Status

The Mining method of the project is fully mechanized having operated by HEMMlike excavator, Loader, dumpers and wagon drill for drilling blasting and sorting and sizing of the Iron Ore.

- ii. **No change in the calendar plan including excavation, quantum of mineral iron ore and waste should be made.**

Compliance Status

The excavation, quantum of mineral, iron ore for last three years are as follows mentioned in the table – 03.

PRODUCTION DETAILS: TABLE – 03

Table No. - 03			
Sl. No.	Year	Mineral	Quantity (in tone)
1	2011-12	Iron Ore	304250 tone
2	2012-13	Iron Ore	36500 tone
3	2013-14	Iron Ore	Nil

- iii. **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.**

Compliance Status

The AAQ Monitoring stations are already identified in core and buffer zone in consultation with State Pollution Control Board.

The monitoring of AAQ is being done in the core as well as buffer zone of the ML area, There are a monitoring station in core zone i.e. Mines Site of ML Area and there are 3 no. of monitoring stations in the buffer zone such as Raikela Village, Bahamba Village, and Tantaravillage. Monitoring of AAQ is carried out every month except during monsoon. The monitoring report reveals that the parameter like PM₁₀, PM_{2.5}, SO₂ and NO_x are as per NAAQs notifications made by the CPCB, are very well within the norms.

- iv. **Data on ambient air quality (RPM, SPM, SO₂& NO_x) should be regularly submitted to the Ministry including its Regional office located at Bhubaneswar and the State Pollution Control Board / Central Pollution Control Board once in six months.**

Compliance Status

The monitoring of AAQ is being carried out in the core as well as buffer zone of the ML area. Monitoring of AAQ is carried out every month except during monsoon. The reports of the same will be submitted after commencement of the mines operations.

- v. **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.**

Compliance Status

Presently mines are closed due to statutory requirements. We assure that water sprinkling will be carried out at crushing and screening plant, loading and unloading points. Extensive water sprinkling will be carried out through water tanker on haul road for monitoring of fugitive dust.

- vi. **Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.**

Compliance Status

Adequate measures are being taken for control of noise level below 85 dBA in the work environment. Workers engaged in drilling and blasting operations, operations of HEMM, etc. has been provided with ear plugs / muffs. The noise level study is carried out which within in the permissible limits.

- vii. **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.**

Compliance Status

Effluent treatment plant is provided at work shop and wastes generated during the mines Operation.

- viii. **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.**

Compliance Status

Initial Medical Examination & Periodical Medical Examination of the workers engaged in the project is being undertaken periodically for permanent and outsider employees along with the pre-

medical examination of persons employed, who are engaged in the process of mining & are likely exposed to dust to observe any contractions due to exposure to dust. This is being carried as per in compliance to Mines Act 1952 & rules 1956 and amendments there to.

Personal working is duty area have been provided with dust mask for proper respiration and are being trained in our vocational training center about information on safety and health aspects. Periodical medical examination of all workers is being systematically at regular interval. It is being monitored by Noise Level Meter; the results reveals very well within norms.

- ix. **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.**

Compliance Status

We have established an Environmental Cell headed by the General Manager to look after the implementation of the various pollution control measures and other Environment Management System requirements.

- x. **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 Bhubaneswar.**

Compliance Status

The fundsearmarked for environmental protection is being utilized for the same only.

- xi. **The project authorities should inform to the Regional Office located at Bhubaneswar regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.**

Compliance Status

This shall be communicated in due course to the concerned authority.

- xii. **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 requisite data / information /monitoring reports.**

Compliance Status

We will extend all our cooperation during any such inspections by the Authority.

- xiii. **The project proponent shall submit six monthly report on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Bhubaneswar, Central Pollution Control Board and State Pollution Control Board.**

Compliance Status

The Project is uploading the last six monthly EC Compliance reports in the website bearing address www.grmmine.in on regular basis.

- 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.**

Compliance Status

It has been complied with intimating the letters to local Gram Panchayat, Municipality, DDM Office, ZilaParishad, Divisional Forest Officer etc. and a copy of environmental clearance letter also made available in the company's website i.e. www.grmmmines.in

- 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.**

Compliance Status

It is being already complied.

- 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 Bhubaneswar.**

Compliance Status

Paper advertisement has been published in Oriya news paper "**The Khabara**" on dated 09.07.2008 and English news paper "**The Indian Express**" on dated 12.07.2008. Copy of the same is already submitted.

ANNEXURE – 1-FORESTRY CLEARANCE LETTER

F. No. 8-37/2007-FC

Government of India

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

Indira Paryavarar Bhawan
Allgani, Jorbagh Road
New Delhi - 110 003
Dated: 22nd October, 2014

To,

The Principal Secretary (Forests)
Government of Odisha
Bhubaneswar.

Sub: Diversion of 64.148 hectares of forest land for Iron Ore Mining in Village Raikela by Geetarani Mohanty of Bonai Forest Division in the district of Sundargarh, Odisha.

Sir,

I am directed to refer to the Government of Odisha's letter No 10F (Cons) 38/ 2013-7190/ F & E dated 22nd April 2014 on the above-mentioned subject, wherein prior approval of the Central Government for diversion of (i) 64.148 hectares of forest land for Iron Ore Mining in village Raikela by M/s. Geetarani Mohanty of Bonai Forest Division in the district of Sundargarh, Odisha during the original Mining lease period which has already expired on 1.7.2011 and (ii) the entire forest land of 66.671 hectares including 2.523 hectares of forest land within the safety zone within the ML area of 67.586 hectares during 1st RML for a period, co-terminus with lease period to be granted by the State Government, not exceeding twenty years *w.e.f.* 02.07.2011, was sought, in accordance with section-2 of the Forest (Conservation) Act, 1980. After careful consideration of the proposal by the Forest Advisory Committee constituted by the Central Government under section 3 of the said Act, in-principle approval for the said diversion was granted vide this Ministry's letter of even number dated 29th August 2014, subject to fulfillment of certain conditions. The State Government has furnished compliance report in respect of the conditions stipulated in the in-principle approval and has requested the Central Government to grant final approval.

2. In this connection, I am directed to say that on the basis of the compliance report furnished by the Government of Odisha vide letter No. 10F (Cons) -38/2013-18032/ F & E dated 29th September 2014, approval of the Central Government is hereby granted under section 2 of the Forest (Conservation) Act, 1980 for diversion of (i) 64.148 hectares of forest land for Iron Ore Mining in village Raikela by M/s. Geetarani Mohanty of Bonai Forest Division in the district of Sundargarh, Odisha during the original Mining lease period which has already expired on 1.7.2011 and (ii) for entire forest land of 66.671 hectares including 2.523 hectares of forest land within the safety zone within the ML area of 67.586 hectares during 1st RML for a period, co-terminus with lease period to be granted by the State Government, not exceeding twenty years *w.e.f.* 02.07.2011, subject to fulfillment of the following conditions:



Annexure – 2 – Consent Order



CONSENT ORDER
RAIKELA IRON ORE MINES OF M/S. GEETARANI MOHANTY.

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BY REGD. POST WITH AD

STATE POLLUTION CONTROL BOARD, ODISHA

A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar-751012

Phone-2561909, Fax: 2562822, 2560955 E-mail: paribesh1@spcboard.org, Website: www.spcboard.org

CONSENT ORDER

No. 18566 / IND-I-CON- 2572 Dt. 3.11.14

CONSENT ORDER NO. 1586

Sub : Consent for discharge of sewage and trade effluent under section 25/26 of Water (PCP) Act, 1974 and for existing / new operation of the plant under section 21 of Air (PCP) Act, 1981.

Ref : Your application No. (i) 08/GRM/SPCB/CTO/2014-15 DT. 11.07.2014
(ii) 20/GRM/SPCB/CTO/2014-15 DT. 22.10.2014

Consent to operate is hereby granted under section 25/26 of Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act, 1981 and rules framed thereunder to

Name of the Industry: RAIKELA IRON ORE MINES OF M/S. GEETARANI MOHANTY.

Name of the Occupier & Designation SRINIBASH SAHOO, MANAGING PARTNER

Address AT: RAIKELA, PO: DENGULA, DIST: SUNDARGARH.

This consent order is valid for the period up to 30.06.2015

Details of Products Manufactured

Sl. No	Product	Quantity
01.	Iron Ore	0.864 MTPA

Details of Mineral Handling Plants /Units

01	Operation of Iron ore crushing plant 1x50 TPH & 1x100 TPH
02.	Operation of Iron ore screening plant 1x100 TPH & 1x200 TPH

This consent order is valid for the specified cutlets, discharge quantity and quality, specified chimney/stack, emission quantity and quality of emissions as specified below. This consent is granted subject to the general and special conditions stipulated therein.

SD/-
PTO

ANNEXURE - 3 - WILDLIFE APPROVAL LETTER

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Annexure-III

OFFICE OF THE PRINCIPAL CCF (WILDLIFE) & CHIEF WILDLIFE
WARDEN, ORISSA 5TH FLOOR, B.D.A. APARTMENT, PRAKRUTI BHAWAN,
NILAKANTHA NAGAR, BHUBANESWAR- 751012

Memo No. 5582 Dt. 07.8.10
1WL-C-SSP-212/10

To
The Chief Conservator of Forests (Nodal),
O/o the Principal CCF, Orissa, Bhubaneswar.

Sub: Approval of Site Specific Wildlife Conservation Plan of M/s. Geetarani
Mohanty for Iron Ore Mining in village Raikela under Bonai Forest
Division in Sundargarh district.

Sir,

I am directed to inform you that the Site Specific Wildlife Conservation Plan
for Iron Ore Mining in village Raikela under Bonai Forest Division in
Sundargarh district of M/s. Geetarani Mohanty has been approved by
PCCF(WL) & Chief Wildlife Warden, Orissa with financial forecast of
Rs.100.00 lakhs for the following activities:

1. For activities to be implemented by
User agency in project area — Rs.28.00 lakhs.
2. For activities to be implemented by
DFO, Bonai division in the project impact area. — Rs. 72.00 lakhs.

Total Rs.100.00 lakhs

Various activities in the lease hold area will be executed by User
Agency by themselves under the guidance of DFO, Bonai Division & Rs.72.00
lakhs may be deposited with DFO, Bonai division under CAMPA.

*Recd - approved Site Conservation Plan
from Geo. Moh*

Conservator of Forests (WL)

Memo No. 5583 dt. 07.8.10

Copy forwarded to the DFO, Bonai Division for information & necessary
action with reference to Memo No. 2927 dt.2.7.10 of C.F., Rourkela Circle.

Conservator of Forests (WL)

Memo No. 5584 Dt. 07.8.10

Copy forwarded to CF, Rourkela Circle for information & necessary
action with reference to his office Memo No. 2925 dt.2.7.10.

Conservator of Forests (WL)

Memo No. 5585 dt. 07.8.10

Copy forwarded to the M/s Geetarani Mohanty, 14 (W), Ashok Nagar,
Bhubaneswar for information & necessary action.