

**EXECUTIVE SUMMARY OF PUBLIC CONSULTATION (HEARING) OF KALAMANG WEST (NORTHERN PART) BLOCK IRON ORE MINE OF M/S TATA BSL LTD., HELD ON DTD.10-11-2021 (10.30 AM) AT FOOTBALL PLAY GROUND OF KALMANG VILLAGE UNDER KOIRA BLOCK OF SUNDARGARH DIST. (ODISHA)**

The public hearing meeting for Kalamang West (Northern Part) block Iron Ore Mines (over an area of 92.875 H.a) of M/s Tata BSL Ltd. was conducted on dtd. 10.11.2021 at- 10.30 A.M. at Football Play Ground of Kalamang Village Under Koira Block in the District of Sundargarh. Sri Biswajit Mohapatra, Additional District Magistrate, of Sundargarh District had presided over the meeting. At the outset, Dr. Binod Bihari Dash, Regional Officer, State Pollution Control Board, Odisha, Rourkela organised and conducted the public hearing meeting.

The Public hearing in respect of the above mining was held as per the scheduled and at the venue in accordance with EIA Notification S.O.1533(E) dtd.14.09.2006 and subsequent amendment therein. The Public Hearing meeting with regards to date, place and time was announced in public address system apart from its publication in local dailies. The process followed for the public hearing was adequate. The attendance sheet of the public present in the sheet of the public present in the meeting is annexed herewith in **ANNEXURE-I**. Around 150 nos. of persons attend the public hearing meeting and signed the attendance sheet. 125 Nos. of persons have signed in attendance sheet. Fourty Seven (47) nos. of persons had delivered their views whose list and their signature is given on **ANNEXURE-II**. 4 nos. of written representation was received.

Sri Biswajit Mohapatra, Additional District Magistrate, Sundargarh had welcomed the Public & explained about the importance of such hearing and also invited views, comments, objections & opinions of the public which are necessary while considering the environmental clearance of the project and also those who wants may give their written statement about the proposed projects. He had also reminded / requested the public to follow the COVID-19 guidelines on wearing the mask and on maintaining the social distance issued that has been by the Govt. during Public hearing.

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## DETAILS OF THE PROJECT PROFILE:-

The brief outline of the EIA (Environment Impact Assessment) and Environment Management Plan (EMP) has been carried out for Kalamang West (Northern Part) Iron Ore Mine for Mining of Iron Ore with Production Capacity of 2.95 MTPA (ROM) by TATA STEEL BSL over an Area of 92.875 Ha. at Village - Kalamang & Ghodabudani of District Sundergarh & Village Gandalpada of District Keonjhar, Odisha.

To obtain Environmental Clearance of Kalamang West (Northern Part) Iron Ore Mine **Visiontek Consultancy Services Pvt. Ltd.**, a NABET & NABL Accredited Environmental Consultancy, Bhubaneswar was engaged for preparation of EIA/EMP of the project. Accordingly **Visiontek Consultancy Services Pvt. Ltd.**, Bhubaneswar has prepared the EIA/EMP report with following baseline data.

## DETAIL SALIENT FEATURE OF THE PROPOSED MINING PROJECT (AS PER REPORT SUBMITTED IN EXECUTIVE SUMMARY )

1. **Name of the Mines**-Kalamang West (Northern Part) Iron Ore Block
2. **Name of the Product**-Mining of Iron Ore with Production Capacity of 2.95 MTPA (ROM)
3. **Location/Name of the Village is present**-Kalamang & Ghodabudani of District Sundergarh & Village Gandalpada of District Keonjhar,
4. **Tehsil**- Koira of Sundergarh district & Barbil of Keonjhar district.
5. **Total proposed lease hold**-92.875 ha. [42.608 ha. of forest land (16.658 ha in Keonjhar Forest Division, District Keonjhar and 25.950 ha in Bonai Forest Division, District Sundargarh) and 50.267 ha of non-forest land.)
6. **Nearest Town**-Koira at a distance of approx.. 5.5 km
7. **Nearest Road**-NH-215 is about 1.80 km in the NW direction
8. **Nearest River**- Seasonal stream & Pond ( within ML), Suna Nadi (1.9 km E), Karo Nadi (3.1 km NW)

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Department of Environment & Forest, Odisha

9. **Nearest Railway Station**-Barbil Railway Station is about 18 km in the NE direction.
10. **Production Quantity**-2.95 MTPA Iron Ore (ROM) corresponding to the production of 2.84 MTPA Saleable Iron Ore with a total Max excavation of 4.54 MTPA

**PROJECT OUTLINE:-**

Kalamang West (Northern Part) Iron Ore Mines located at Village - Kalamang & Ghodabudani of District Sundergarh & Village Gandalpada of District Keonjhar, Odisha (Mining Lease Area: 92.875 Ha.) belong to TATA STEEL BSL Ltd.

The Salient features of Environmental Clearance of Kalamang West (Northern Part) Iron Ore Mines for Mining of Iron Ore with Production Capacity of 2.95 MTPA (ROM) Iron Ore with a total maximum excavation of 4.54 MTPA is as follows: -(As per the Executive Summary Report stated by Visiontek Consultancy Services Pvt. Ltd., Bhubaneswar.)

- a) This project falls under 'Category B1' of Project Type 1(a) - Mining of Minerals which requires Environmental Clearance (EC) from SEAC, Odisha before the commencement of any activity.
- b) The existing area comprises 20.580 Ha private lands. Few habitations of Ghodabudhani village are located in the lease area. Rehabilitation & resettlement of all the PAFs will be carried out as per the Odisha State R&R Policy, 2006.
- c) Method of mining will be Fully Mechanized Open Cast Mining with crushing and screening
- d) The annual production is targeted at 2.95 Million tonnes per annum of Iron ore of ROM, corresponding to production of 2.84 Million tonnes per annum of saleable iron ore. Crushing/Screening Plant. The lump ore (10-40 mm) and fines (-10mm) will be segregated in the Crushing / Screening Plant.

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- e) The mineable reserve of iron ore in the lease area is 71,886,002 MT or 71.89 million tons. In the ensuing plan period about 12,802,567 MT or 12.80 million ton will be exploited. After this plan period balance mineable reserves of 59,083,435 MT or 59.09 million ton of iron ore will be available. Keeping in view the production of iron ore @ 2,950,000 ton per annum, life of the mine will be 20.03 years or say 20 years after the current plan period. So, total life of the mine will be 25 years including this plan period. However, the life of mine is likely to increase with further exploration of lease to G1 level of exploration.
- f) The Soil to be extracted will be stacked in the earmarked area, which will be used for plantation purpose around hillock/ patch and adjacent to the haul roads.
- g) It is a part of Survey of India Toposheet No. 73G/5 on 1:50,000 scale and is bounded by the Latitudes from 21° 56' 47.757" to 21° 57' 32.347" N and Longitudes from 85° 17' 06.658" to 85° 17' 57.531" E as per DGPS surveyed Geo-Referenced Map authenticated by officials of the Revenue, Forest and Mining Department as well as Odisha Space Application Centre (ORSAC), Department of Science & Technology, Govt. of Odisha.
- h) The major drainage of the area is contributed by Suna Nadi and Karo Nadi. There is no seasonal nala flowing within the lease area.
- i) Average water requirement at mine for domestic and mine use are to the tune of 65 m<sup>3</sup>/day and 170 m<sup>3</sup>/day respectively. Water for drinking and domestic purpose will be made from borewells and that for mining use will be from sources like Water harvesting pond (WHP) / perennial stream/river. Peak water requirement at mine for domestic and industrial use are to the tune of 65 m<sup>3</sup>/day and 200 m<sup>3</sup>/day respectively.
- j) The mining operation including maintenance will be done in all shifts. Power requirement is 1800 – 2000 KW. It will be obtained from Odisha State Electricity Board (OSEB). 3 DG sets of 850 KVA will be used for emergency backup.

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k) The proposed area does not contain any features any archeological / historical and cultural importance.

**PRESENT CLIMATIC CONDITION AND ENVIRONMENT FEATURES OF THE PROPOSED MINING AREA:-**


Following are the base line study reports of **Visiontek Consultancy Services Pvt. Ltd.**, Bhubaneswar w.r.t. present Environment Scenario.

**Climate and Metrology**-The study area lies in tropical region where climate is characterized by very hot in summers, less humidity and well-distributed rainfall during monsoon season. The climate condition of the districts is generally hot with humidity during March to May and Cold during Dec. to January Monsoon berks during Month of July. Moderate temperature prevails over the area throughout the year barring Summer Season.

**A. Ambient Air Quality**-The observed sources of air pollution in the study area are industrial, traffic and domestic activities. The monitoring has been carried out at 8 locations from December, 2019 to February, 2020. As per Monitoring data average  $PM_{10}$  is ranges from  $28.2 \mu g/m_3$  to  $88.4 \mu g/m_3$  and average  $PM_{2.5}$  data ranges from  $10.6 \mu g/m_3$  to  $53.0 \mu g/m_3$ .  $SO_2$  ranges from  $<4 \mu g/m_3$  to  $17.8 \mu g/m_3$  and average  $NO_x$  data is ranges from  $<9 \mu g/m_3$  to  $20.3 \mu g/m_3$ , CO data ranges from  $<0.1 mg/m_3$  to  $0.28 mg/m_3$  are within the standard as per CPCB guideline.

**B. Noise Quality**-Noise levels were measured using integrated sound level meter manufactured by Quest Technologies, USA which is an integrating/ logging type with Octave filter attachment (model OB-100) and has frequency range from 31.5 to 16000 Hz. At 8 each noise monitoring station, noise level as  $Leq$  was recorded on an hourly basis for 24 hours continuously. Minimum and maximum noise levels recorded during the month of Dec-19 the day time were from  $36.6 dB(A) Leq$  in

  
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Sr. Project Engineer  
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Mine Lease Boundary and 67.8 dB(A) Leq in Alaghat respectively and minimum and maximum level of noise during night time were 35.0 dB(A) Leq in Mine Lease Boundary and 61.7 Leq dB in Alaghat respectively. In the month of Jan-20 Minimum and maximum noise levels recorded in day time as 32.4 dB(A) Leq in Mine Lease Area and 61.8 dB(A) Leq in Alaghat and minimum & maximum level noise levels in night time is 31.0 dB(A) Leq in Mine Lease Area and 58.1 dB (A) Leq in Ataghat for the month of Feb-20 Minimum and maximum noise levels recorded during day time as 33.7 dB(A) Leq in Mine Lease Area and 61.3 dB(A) Leq in Alaghat and minimum and maximum level noise levels in night time as 30.6 dB(A) Leq in Mine Lease Area and 52.8 dB(A)Leq in Ataghat.

**C. Water Quality-**Grab water samples from 9 groundwater and 13 surface water sources were collected once during the December, 2019 to February, 2020. Surface and ground water samples were analyzed as per parameter mentioned in Standards as per IS-2296 Class – 'C' and IS: 10500 respectively. In Surface water pH varied from 7.42 to 8.2 while turbidity varied from 3.1 to 6.2 NTU. Total Dissolved Solids varied from 78 to 426 mg/l, Dissolved oxygen varied from 6.4 to 7.6 mg/l, BOD is <1.8 mg/l and Chloride varied between 6.91 to 30.2 mg/l. Nitrates varied from 0.16 to 6.48 mg/l, while sulphates varied from 0.19 to 9.2 mg/l. In Ground water pH value varied from 6.64 to 7.51 while Cl was within 7.8 to 42 mg/l. Iron varied between 0.058 mg/l & 0.82 mg/l.

**D. Soil Quality-**Soil Sampling is based on agriculture field available in the study area. Composite sampling is done following BIS method of 8 locations. Mostly the soils collected from different location in the study area are clay except Tamaklasahi & near Karo River where the soil is sandy loamy in texture. The soil is low in productivity with the organic carbon content low or average sufficient in most locations except in the Near Karo River and more than sufficient in potassium content. Available Nitrogen in location Near Karo River is sufficient and in

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Gopisahi it is better but in rest of the locations it is good; the phosphorous content is less and very less in locations Tamaklasahi and Mines Lease Area respectively and in the rest of the locations it is medium. It is concluded from the analysis that in general the soil is not suitable for plantation and agricultural crops. However, through extensive application of nitrogenous and phosphate fertilizers as well as compost, the same can be made suitable for plantation and agricultural crops.

E. **Biological Environment-** The buffer zone of the project site have only two protected forest area i.e. Ghodabudhani Forest & Kalamanga Forest. The area is covered with mostly shrubs and open forest along with scattered vegetation near the villages. The most commonly growing and economically important plant species of the forest are Sal, Semul, Kendu, Jamun, Dhaman, Asan etc..

Due to mining and its allied activities forest land in the core area will be deforested. Due to deforestation, flora will be reduced in the broken up forest land and avifauna will be migrated. Reclamation and green belt development will be carried out in the mine lease area. Due to plantation avi fauna will be again migrated.

## ENVIRONMENTAL IMPACT ASSESSMENT (EIA)

### A. Land environment and Land use:

Impact:

Due to open cast mining and mining with dumping of waste, the land of the area usually degraded. Mining activity has a profound impact on land environment due to formation of quarries and dumps.

- The mining activity will not have any significant impact on the agriculture within the lease area.
- The topsoil in the active mining area will be adversely affected. However during the mining operation the top soil will scrap out and separately kept for plantation purpose.

- The mine runoff in this mine is not contaminated except carrying high suspended particle.
- The mine runoff will only contain silt and soil and will be settled before discharge outside to the lease area.
- There is also positive impact of mining on agriculture, as sufficient water is being discharged from the mine, which can be utilized for irrigation purpose, increasing the productivity.

### **Mitigation Measures**

Adopting suitable, site-specific mitigation measures can reduce the degree of impact of mining on land environment. The proposed mitigation measures are as follows:

- A nursery will be developed in the lease area or outside depending upon the availability of fertile land suitable for growth of seedlings. Otherwise, saplings will be purchased from the forest department. Final mine closure plan will be implemented properly to develop the aesthetics of the M.L area.
- Runoff from the mine and waste dumps should be regulated by constructing retaining wall and garland drains around the dump.
- Mine drainage water will settled in the settling tank and stored in the abandoned quarries
- Garland drains and retaining wall will be provided to prevent run off affecting the surrounding agricultural land.

### **B. Air Quality:**

**Impact:**

**Activity:** Blasting & Transportation of Vehicles

**Mitigation Measures:**


- Overburden/ waste will be dumped. R.O.M iron ore will be transported to the crushing & screening site for sizing. Average distance / lead between the quarry and disposal/unloading sites are assumed to be 1 km. saleable ore obtained from the crusher/screen will be dispatched to the destination through trucks contractually. All the transportation trucks will be covered by tarpaulin.


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- Dust suppression by water spraying
- Green belt development along the safety zone.
- No blasting shall be done when the sky is cloudy.
- Control blasting methods will be adopted for blasting to reduce vibration, noise as well as fly rocks.
- Blasting will be avoided during high wind periods where the fine dust is carried away easily affecting the ambient air quality.
- Delay Detonators and controlled blasting techniques will be used to keep the dust, noise as well as vibration level within the prescribed limits.
- Maximum use of rock breakers to avoid drilling and blasting.
- Regular water sprinkling engaging pressurized water sprinkler on the feeder roads, haul roads, working face & areas prone to air pollution such as loading & unloading points for dust suppressions. Pressurized water sprinkler will be deployed.
- Periodical maintenance of HEMM / vehicles for controlling Vehicular emissions and conducting emissions tests using diesel smoke meter equipment.
- Transport vehicles will be covered with tarpaulin during transportation to avoid spillage and generation of dust.
- Speed of moving dumpers and other vehicles running in the mine will be limited to moderate speed (25km/hour) to prevent undue noise as per DGMS circulars.
- Providing Water sprinkling arrangement in Loading & unloading points.
- Installation of water sprayer arrangement at screening & crushing unit as well as loading & unloading point for dust suppression.
- The products shall be discharged through chutes and the bottom of the chute will be maximum 3 m from the ground level.
- Fixed auto sprinklers shall be provided in the stockyard of products.

#### ii. Noise Quality

  
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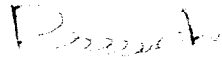
  
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 State Pollution Control Board Odisha  
 Bhubaneswar

## Activity: Blasting & Transportation of Vehicles

### Control Measures:

- Secondary blasting will be minimized to the extent possible;
- Systematic blasting with proper spacing, burden and stemming will be carried out;
- Minimum quantity of detonating fuse will be consumed by using non-electrical initiation system;
- Blasting will be carried out during favorable atmospheric conditions and also when human activities are at their minimum;
- Prime movers/diesel engines will be properly maintained;
- Development of thick green belt along the mine lease boundary to attenuate noise;
- Personal Protective Equipment (PPE) like ear muffs/ear plugs will be provided to the operators of HEMM and persons working near HEMM producing high levels of noise will be made; and
- Exposure time of workers to the higher noise levels would be minimized.
- Isolation/enclosure of noisy machines/equipment, wherever possible.
- Reducing idling time of machines/ equipment's.
- Provision of enclosures, silencers, etc to the possible extent to control noise propagation.
- Use of adequate silencers and practicing speed limit for material transport vehicles
- Periodic maintenance of village road used for mineral transport
- Plantation along mineral transport roads
- Periodic monitoring of work zone noise levels and ambient noise levels in the mine lease area and in nearby villages to assess the efficacy of noise control measures and adoption of additional noise control measures, if required.

### Ground vibration & fly rock control measures:

  
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Air & Pollution Control Board (APCB)  
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- Blasting will be performed strictly as per the guidelines specified under blasting technology;
- Proper design of blast based on the site conditions to control fly rocks
- Adoption of muffled blasting technology on top benches near mine lease boundary, if required.
- Overcharging will be avoided;
- Charge per delay will be minimized and preferably more number of delays will be used per blast;
- Blasting operations will be carried out only during day time as per mine safety guidelines;
- A safe distance of about 100 m will be maintained from blasting site.
- During blasting, other activities in the immediate vicinity will be temporarily stopped;
- Posting of sentries on the road passing through the lease area and stopping of traffic beyond safety barrier before conducting blasting. Only after completion of blasting, the traffic movement shall be continued.
- Drilling parameters like overburden, depth, diameter and spacing will be properly designed to give proper blast.
- Regular monitoring of ground vibration will be done

#### Water Quality

Activity: Water Pollution

Source: Surface Water & Ground Water

Mitigation measures

- Drainage will be constructed for the rain water which will be let to natural drainage.
- Retaining wall, garland drain, settling tanks will be provided.
- Dumps and sub grade stack will be provided with retaining wall along the toe and settling tanks.
- Sludge will be taken out from settling tanks and back wash water will be sent to dry.

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- Rain water during rainy season will be controlled by suitably providing slopes for the benches. So that water is not accumulated on the road.
- There will not be any major adverse impact on the ground water resources as there will be no ground water tapping for mining activities.
- Rain water harvesting and surface storage will be done.

#### D. Biological Environment:

Activity: Biological Environment

Source: Flora & Fauna

#### Mitigation Measures

- Enhancement of Green belt development / afforestation will increase flora
- Post reclamation, green cover will attract fauna.
- Green belts will be developed within the core zone to protect habit of flora and fauna.
- Illicit entry and tree felling within core zone will be prohibited.
- Security gate will be established.
- Poaching will be prohibited within the core zone and such evidence has not been noticed as on date within the core zone.
- Hill streams and nalas shall be provided with mini check dams to retain rain water for long durations for the benefit of wildlife and vegetation.

#### E. Solid Waste Management:

Activity: Solid Waste

Source: Overburden Dumps – Mining Operations, Sub Grade Iron Ore Dumping will be carried in a retreating method in form of terraces having the inward slope with catch drains at inward side of the terrace connected to garland drain outside the dump periphery. Each terrace has berms at outer end to restrict gully formation by rain water wash off. Slope of each terrace will be maintained at 37<sup>0</sup> while overall slope of the dump will be maintained at around 28<sup>0</sup> with the horizontal. Prior to the disposal of waste, dumping site will be prepared as per the following manner –

- Dumping site will be surveyed and earmarked as per the proposal.

- Roads will be developed from Quarry to the dumping site at suitable gradient of 1:16.
- Protective measures like retaining wall, garland drain and settling tank will be constructed.
- Shrubs and bushes wherever found will be cut and removed.
- Topsoil if any shall be scrapped off and disposed over the existing dumps and priority will be given to utilize the same as soon as possible for plantation activities within the project area.
- Grass will be sown over the waste dump to control erosion and dust generation.
- Finally, pits will be reclaimed and plantation will be undertaken.

#### **F. Occupational Health & Safety Management:**

Activity: Occupational Health

Source: Overburden Dumps

- **Drilling**- Exposed to high noise level and dusty environment. Impact on hearing and respiratory System
- **Blasting** – Struck by fly rock, dust environment high noise level, excessive vibration. Impact on physical injury dust related disease (Respiratory). Hearing impairment.
- **Loading** – Struck by rolling big boulder. Impact on equipment damage physical injury.
- **Storage of Lubricants & Chemicals:** Leak & spills, Impact on fire/explosion

#### **Mitigation Measures**

- Initial Medical Examination (IME) /Periodical Medical Examination (PME) will be conducted as per DGMS guidelines.
- Pre-Retirement Medical Examination will be conducted for each employee before their superannuation.
- Eye test will be conducted for all the persons engaged in driving once in a year.

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- The frequency of PME will be reduced from 5 years to 3 years for employees above 45 years.
- All the IME & PME results will be maintained in computer and analysis will be done regularly and corrective measures will be taken.

#### G. Socio-Economic Environment

- **Employment Generation-** Employment size for the project is envisaged as around 428 workers.
- **Community Skills Development-** The employees will be benefitted from the training programmes that will be instituted by the project proponent to enable the community labour force to work in different areas of mining operations. This training will increase the number of technicians, plant operators, electricians, and mechanics, among others, that will not only benefit the above mentioned plant but also the community at large during and after the mine life.
- **Improved Standard of Living-** Employment opportunities created the project will increase income and, therefore, improve the overall standard of living in the area.
- **Community Organizational Capacity Development-** Through engagement of community members in development structures such as Community Development Committees, the community organizational capacity will be developed.
- **Improved Water Supply-** Supply of safe water for the community by the Project Proponent would improve health standards and living conditions in the villages.
- **Economic Exposure and Development-** The project will make financial institutions as well as related economic facilities, infrastructure and services available to the people, such as different banks, credit societies, service co-operatives, etc., which will enable community members to invest their income and prevent dependency.

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- **Reduce Migration-** During lean season the youths of the nearby villages migrate to South India, particularly Chennai and Tamil Nadu in search of jobs. They work there as labourers in brick making industries and painting works. The project may reduce migration of labours substantially as they may prefer to engage in mining activities round the year in the area.
- **No Loss of Agricultural Land-** The proposed project is neither affecting any agricultural nor human habitation as well as production capacity of the existing mine.

#### *ENVIRONMENTAL MANAGEMENT PLAN (EMP)*

In the process of environmental impact assessment of site specific issues have been identified which require due consideration as part of the development, planning and environmental project costing. The measures suggested are detailed under environmental management plan. The total cost of the project is Rs. 21,620 Lakhs and the updated capital cost and recurring cost (per annum) for the better environmental/management/restoration facilities for the proposed mining project works will be Rs. 498.8 lakhs (Approx. Rs. 500 Lakhs) and Rs. 86.5 lakh / year respectively.

After that Additional District Magistrate, Sundargarh had invited the representative of project proponent of Kalmang (north side) Iron ore mines of M/s Tata BSL Ltd., and Sri Subrhansu Sekhar Mishra, Project Proponent had briefed about the proposed mining activities for production of iron ore mines, salient features of the proposed project and Environmental Management Plan, Pollution Control Measures to be adopted during mining operation, Blasting procedure, Plantation Programme and various other peripheral development activities etc. to be carried out during the course of mining. ADM then invited the public to address their views on environmental aspects of the proposed project. Fourty Seven (46) nos. of villagers opined their views as mentioned below.

- 1) **Sri Kuna Patra, Kalamang :-** Sri Patra Welcome and supported the project. He stated that it is a matter of great joy that Tata Steel will start mining operation in this area. Definitely, employment will be generated and as a matter of fact Company is taking up many developmental jobs with respect to water supply, providing education etc. He demanded that whatever was mentioned by the project proponent, the Company should fulfill all these commitments. Further he requested the Company to take proper care of Environmental aspect like tree plantation and regular water sprinkling to mitigate dust pollution, rehabilitation of the affected persons, Employment according to the qualification to the unemployed youths, Training to the SHG for upgrading their skills and construction of a meeting hall for SHG group.
  
- 2) **Sri Akash Kiran Naik, Kalamang :-** Sri Naik supported the public hearing. He stated that during mining activities, trees will be destroyed which will result in scarcity of firewood. Hence he requested to provide LPG gas connection to the local people. Further he requested the Company to provide pension of Rs.2000/3000 per month to the handicapped and aged persons (above 60 years age). He also requested to provide direct employment to the local unemployed youth not through contractor. The road from Kalamang to Bhanjapali is very narrow and unsafe, so he requested the Company to take initiatives to widen the road. Street light was requested to be provided from Kalamang to Sagasahi. He further requested to provide teachers at Kalamang High School and UP/ME school, one bus for college going students from Kalamang to Koira, One office for Maa Mangala Village Committee, temple to be constructed, supply of clean drinking water. He expressed his concern that during mining activities more or less jungle will be destroyed, so he requested for plantation of fruit bearing trees to restrict the wild animals approach towards locality. Lastly he requested for one dispensary and ambulance for 24 hours.



3) **Smt. Amrabati Buda , Malda :-** Smt. Buda supported the Public Hearing. She stated that in the past when Tata Steel was operating its Mines in their area they were prosperous but now they are in trouble after closure of mine. She demanded all CSR facilities provided earlier to be resumed.

4) **Sri Ananda Barik, Teherai:-** Sri Barik supported the public hearing and stated that company should enhance its production capacity. In past when the Company was operating at Malda, so many developmental jobs were done by the Company including providing mobile medical facilities to the nearby villages. He requested for a 6 bedded hospital with ultrasound facility at their locality, construction of boundary wall at school, providing teachers, borewell at Koira college, supplying drinking water and Cycle stand.

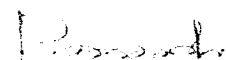
He further stated that there is no accommodation for the teachers at their locality so they are compelled to stay at College premises which are in dilapidated condition and he demanded for their accommodation. Further he mentioned that educational facilities are being provided by the Company through ASPIRE project but the salary of the teachers is very less and not possible to manage their family with less salary. Lastly he requested to fulfill all their demands.

5) **Sri Rajesh Kumar Bal, Kalamang :-** He welcomes all and supported the public hearing. He expressed that Tata Steel is an international level company. After suspension of mining operation in Malda, people are facing difficulties and having dark future. He demanded employment to the local youths, 6nos. of beded medical facilities in their area, difficulties for treatment for pregnant women and training facility through JTI to the unemployed youths for employment in Tata Steel. He urged that Tata Steel will definitely take initiatives to mitigate pollution.

- 6) **Sri Gopal Naik, Kalamang :-** He supported the Public Hearing with request for educational facilities and coaching center for school children and health care.
- 7) **Sri Biranchi Mohakud, Kalamanga :-** She supported the public hearing.
- 8) **Sri Goma Munda, Sanindpur :-** Sri Munda supported the Public Hearing with request for repair of canal for continuous flow of water for the agricultural land and construction of meeting room for their village.
- 9) **Sri Parameswar Naik, Koira :-** Sri Naik supported the public hearing. he requested for providing drinking water and suggested the Company management to operate the mining activities with 40% through machine and 60% manually.

He demanded that company should provide drinking water through pipeline in Ghodabudani, Sagasai & Kanhusai village for availability of drinking water as these area are waster scarcity area. He also demanded to mines authority for construction of bridge near Churmalda from Kundurupani village to Malda village and regular employment from company. He expressed his anguish that residents of their locality are facing great troubles due to bad smell while going through the nearby roads due to open defecation of the truck drivers which is also a kind of pollution. So, he demanded for road side toilets with water facility. Further, he demanded for direct employment not through contract, construction of bridge in Kundrupani, ambulance and school bus.

- 10) **Sri Budhan Singh Pingua, Malda:-** Sri Pingua welcomes and supported the Public Hearing. He stated that there is no boundary wall in the existing schools, roof of the school building have been damaged and in unsafe condition. He further requested the company to provide Club house, bridge in Dalita village, teachers & kitchen rooms in the schools, employment to the youths.



- 11) **Sri Ramesh Tiriya , Kalamang :-** He extends his support to the public hearing. He request mines authority to provide one 6 bedded hospital, Bus for the students for going to Koira College, supply of drinking water, providing street light and employment to the youths and operation of the mines with 40% through machine and 60% manually. He lastly requested mine authority to continue the developmental jobs by the company.
- 12) **Smt. Binapani Mahanta, Katasahi :-** She extends her support for public hearing. She stated that Tata Steel is a very old company and it was already providing educational facilities to drop out students through Residential Bridge Course (RBC). Further she requested the Company to continue its developmental work through CSR jobs like healthcare, education of the children and providing drinking water.
- 13) **Smt. Sabita Kishan, Sanindpur :-** She extends her support for public hearing. She expressed that Tata Steel is providing educational facilities through 4 Nos. of RBC for dropout children (2 boys and 2 girls school) and also organizing summer camp for their all-round development.
- 14) **Smt. Jhunu Giri, Malda :-** She extends her support for public hearing with request for providing all facilities like past and providing one school bus, medical facilities and providing employment to unemployed youths according to their qualifications.
- 15) **Smt. Anita Kishan, Sanindpur:-** She extends her support for public hearing. She expressed that Tata Steel has provided teachers and taking care of educational facilities, organizing summer camp and during the period of Covid-19 company management provided education door to door.

- 16) **Smt. Padma Pan, Malda:-** She welcomes all and supported the public hearing. She stated that in past they were getting all facilities from the company but presently they are deprived of all these facilities due to suspension of mining operations. She requested to mines authority for employment to the villagers.
- 17) **Smt. Umarani Debata, Malda :-** She welcomes all and supported the public hearing. She stated that in past Company was doing all developmental jobs and requested to continue this.
- 18) **Sri Sridhar Patra, Kalamang :-** He supported the public hearing, he demanded that proper replacement & rehabilitation policy shall be implemented.
- 19) **Smt. Jagyaseni Barik, Malda :-** She extends her support for public hearing, she requested to mines authority to provide electricity and drinking water supply.
- 20) **Smt. Minati Barik, Katasai :-** She extends her support for public hearing with request to provide ambulance facility.
- 21) **Sri Kunu Behera, Kalamang :-** He extends her support for public hearing. He requested to mines authority to build up cordial relationship with the local people and affected people. At the same time he requested to develop a playground at Kalamang high school by diverting the river. He demanded that the displaced persons and unemployed youths should be given employment. He requested to construct one club house for Maa Mangala Village development Committee and one temple.

*Padma Pan*

*Padma Pan*  
20/06/20

22) **Smt. Manju Lohar, Chor Malda** :- She extends her support for public hearing with request for construction of one club house, arrangement for water supply and ambulance services for them and employment.

23) **Sri Asman Majhi, Malda** :- He welcomes all and supported the public hearing. He stated that while awarding the mine lease to any lessee, as per supreme courts guidelines opinion needs to be sought from the local and the affected persons. He requested Tata Steel BSL authority to explain how many persons will get direct employment and how many persons will get indirect employment? He told that Kanhusahi village where the mining operation will take place is totally Adivasi populated village, hence he requested to give priority for their rehabilitation as they will be displaced due to mining activities. Priority should be given for employment to the affected land losers and persons.


He also questioned about what agenda has been done by Tata BSL authority for displacement Ghodabudhani & Kanhusahi villagers?

24) **Smt. Asha Giri, Malda**:- She extends her support for public hearing. She requested to continue providing all the facilities as it was done previously by the company. At the same time she requested to arrange for drinking water supply as there is scarcity of water. She also requested mines authority to employment for unemployed youths as per their qualification and facilities to SHG women.

25) **Smt. Rina Rani Kumudial, Kalamanga**:- She welcomes all and supported the public hearing. She expressed that she believes Tata Steel will definitely work for their betterment.


26) **Smt. Sabitri Barik, Deoghar**:- She extends her support for public hearing.

27) **Smt. Sunaphula Mahakud, Kalamanga**:- She extends her support for public hearing.

  
Regional Officer  
Joint Forest Board Office

- 28) **Smt. Kanak Naik, Kalamanga:-** She extends her support for public hearing. She requested for a vehicle for their school going children for their timely reaching to their school. Further, she requested to provide drinking water facility to their Guruda village.
- 29) **Smt. Sitarani Oram, Malda :-** She extends her support for public hearing.
- 30) **Sri Shambhu Nath Barik, Gangapada :-** He welcome and supported the public hearing. He expressed that there are many nearby mines but nobody helps them but Tata Steel has been providing medical facilities, provided solar lights, repaired their pumps, helps for their cultural activities. Through ASPIRE project small children are getting education. He requested mines authority to develop a central playground.
- 31) **Sri Dosru Naik, Kalamang :-** He extends her support for public hearing. He stated that as a result of starting of the mine residents of Godhabudhani village would be displaced, hence, requested to reach out to the village and build up a cordial relationship as a trust building step. He demanded for their proper rehabilitation of Godhabudhani tribal villagers. He demanded one office for Maa Mangala Village committee as there is no room for them. They have approached district administration for registration of their Maa Mangala club, but no response from BDO, Koira. He requested Tata BSL authority to provide land with patta to the displaced family. He also demanded for pension facility for old aged persons and handicapped persons. He also requested Tata BSL authority to organize Durga Puja & Kali Puja celebration programme every year.
- 32) **Sri Sambaru Behera, Kalamang :-** He extends her support for public hearing with request for employment to unemployed youths.

  
Regional Officer

  
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Tata BSL Authority  
Koira, Jharkhand

- (54)
- 33) **Sri Dhiresh Behera, Kalamang** :- He extends her support for public hearing and demanded for medical facility, teachers, construction of road, bus for school & college children and employment to local people.
- 34) **Sri Bhagirathi Patra, Kalamang** :- He welcomes all and extends her support for public hearing. He stated that since last 13/14 years they are deprived of the facilities as it was done while the Malda Mines was in operation.
- 35) **Sri Tileswar Pradhan, Malda**:- He extends her support for public hearing. He requested mines authority to continue the facilities which they are enjoying. He further requested to resolve the issues in their Panchayat area.
- 36) **Smt. Arundhati Buda**:- She extends her support for public hearing and requested to continue the facilities being provided by the company. She requested mines authority to pay proper attention for environment issues.
- 37) **Smt. Surya Naik, Kalamang** :- She extends her support for public hearing and requested to provide gas connection to the residents because due to mining activities the jungle will be destroyed and there will be scarcity of firewood. Further, he requested to provide employment to unemployed and teacher to the schools.
- 38) **Smt. Rajani Behera, Katasahi** :- She extends her support for public hearing.
- 39) **Smt. Puja Naik, Kalamang** :- She extends her support for public hearing.
- 40) **Smt. Padmabati Patra, Katasahi**:- She welcome and extends her support for public hearing.
- 41) **Sri Jadu Munda, Mundajoda**:- He supported the public hearing. He praised Tata Steel for taking care of school dropout children through

RBC scheme. Further, he requested to provide teachers to their schools and construction of a club house at their village.

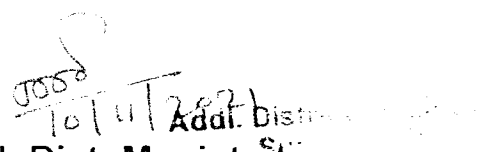
- 42) **Sri Charan Munda, Nuagaon** :- He supported the public hearing.
- 43) **Smt. Manini Patra, Katasahi** :- He supported the public hearing.
- 44) **Smt. Gouri Karua ,Malda** :- She extends her support for public hearing. She requested mines authority for employment to the unemployed as has been done earlier.
- 45) **Smt. Narmada Behera, Kalmang**:- She extends her support for public hearing and demanded for tree plantation by the mines authority.
- 46) **Smt. Astami Behera, Kalamang** :- She extends her support for public hearing .
- 47) **Sri Ratan Kumar Behera, Chormalda**:- He extends her support for public hearing. He demanded for one English Medium school from Class-I to Class-X in Malda.

ADM then elaborated on the issues raised by the public and asked M/s Tata BSL Ltd., to explain people on the issues. Sri Atul Kumar Bhatnagar, General Manager (OMQ) of M/s Tata BSL Ltd., clarified the people on the raised issues which are listed in the Executive Summaries at Annexures – A & B respectively in English and Odia. Sri B.K Bhoi, Asst. Env. Engg. of State Pollution Control Board, Rourkela, Odisha then extended vote of thanks and ADM closed the meeting. Video recording of the consultation (hearing) in pen drive is annexed.

  
Regional Officer

Odisha S.P.C.B., Rourkela

Regional Officer  
State Pollution Control Board Odisha  
ROURKELA

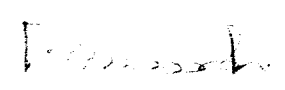
  
Addl. Dist. Magistrate  
Sundargarh, Odisha



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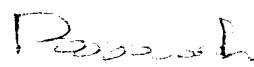
ମେଷସର୍ବ ଚାଟା ଷ୍ଟିଲ୍ ବିଏସ୍ଏଲ୍ ଲିମିଟେଡ୍ ର ପ୍ରସ୍ତାବିତ ପ୍ରକଳ୍ପ କଲମାଙ୍ଗ ପଣ୍ଡିମ (ଉତ୍ତର ଭାଗ) ବ୍ଲକ୍ ଆଇରନ୍ ଖଣି ର ତା ୧୦.୧୧.୨୦୨୧ ରିଖ ରେ ଓଡ଼ିଶା ର ସୁନ୍ଦରଗଡ଼ ଜିଲ୍ଲା ର କୋଇଦା ବ୍ଲକ୍ ଅନ୍ତର୍ଗତ କଲମାଙ୍ଗ ଗ୍ରାମ ରେ ଥିବା ପୁରବଲ୍ ପ୍ଲେ ଗ୍ରାଉଣ୍ଡରେ ଦିବା ୧୦.୩୦ ରେ ଅନୁଷ୍ଠିତ ହୋଇଥିବା ଜନଶୁଣାଣୀ ର ଏକ ନିର୍ଦ୍ଦିଷ୍ଟ ସାରାଂଶ ।

କ୍ର ନଂ	ଜନସାଧାରଣଙ୍କ ଦ୍ଵାରା ଉଠାପିତ ପ୍ରସଙ୍ଗ	ପ୍ରକଳ୍ପ ପ୍ରସ୍ତାବକଙ୍କ ମତବ୍ୟ
୧	ଜମି: i. ଘୋଡ଼ାବୁଡ଼ାନି, ସାରାସାହୀ ଏବଂ କାହୁସାହି ଗ୍ରାମବାସୀଙ୍କ ପୁନର୍ବାସ ଏବଂ ପୁନଃଅବଧାନ ।	ପ୍ରତ୍ୟେକ ବିସ୍ତାପିତ ପରିବାର ର ଜଣେ ବ୍ୟକ୍ତି କୁ କମ୍ପାନୀ ତରଫରୁ ନିୟୁତ୍ତି ପ୍ରଦାନ କରାଯିବ ।
୨	ପରିବେଶ: i. ଖଣି କାର୍ଯ୍ୟ ଯୋଗୁଁ ଧୂଳି ପ୍ରଦୂଷଣ ବୃଦ୍ଧି ପାଇବ । ii. ଖଣି କାର୍ଯ୍ୟ ଯୋଗୁଁ ଜଳ ପ୍ରଦୂଷଣ ର ସମ୍ଭାବନା iii. ଖଣି ଅଞ୍ଚଳରେ ପର୍ଯ୍ୟାପ୍ତ ବୃକ୍ଷରୋପଣ ।	<ul style="list-style-type: none"> <li>ଧୂଳି ଦମନ ପାଇଁ ନିୟମିତ ଜଳ ସିଞ୍ଚନ କାର୍ଯ୍ୟ କରାଯିବ ।</li> <li>ନିୟାମକ କ ଠାରୁ ଅନୁମତି ଉପଲବ୍ଧ ହେବା ପରେ ଖଣିକ ପରିବହନ ହେଉଥିବା ରାସ୍ତାରେ ବ୍ଲକ୍ ଟପ୍ ରୋଡ୍ ଯୋଗାଇ ଦିଆଯିବ ।</li> <li>ସମ୍ପ୍ରଦାୟର ଅଂଶଗ୍ରହଣ ସହିତ ଫଳ ଉତ୍ପାଦନ ଉତ୍ପାଦନ କରୁଥିବା ବୃକ୍ଷ ଗୁଡ଼ିକ ରୋପଣ କରାଯିବ ।</li> <li>ଜଳ ପ୍ରଦୂଷଣ କୁ ନିୟନ୍ତ୍ରଣ କରିବା ପାଇଁ କମ୍ପାନୀ ଯଥେଷ୍ଟ ପଦକ୍ଷେପ ଗ୍ରହଣ କରିବ ।</li> <li>ବୃକ୍ଷକମାନଙ୍କ ସହମତି କ୍ରମେ କୃଷି ଉପଯୁକ୍ତ ଜମିରେ ଫଳ ପ୍ରଦାନକାରୀ ବୃକ୍ଷରୋପଣ କରାଯିବ ।</li> </ul>
୩	<ul style="list-style-type: none"> <li>ସ୍ଥାନୀୟ ନିୟୁତ୍ତି :</li> <li>i. ସ୍ଥାନୀୟ ଗ୍ରାମବାସୀ ମାନଙ୍କୁ ପ୍ରାଥମିକତା ଭିତ୍ତି ରେ ସେମାନଙ୍କୁ ନିୟୁତ୍ତି ଦେବା ଉଚିତ୍ ।</li> <li>ii. ସେମାନଙ୍କ ଯୋଗ୍ୟତା ଅନୁଯାୟୀ ସ୍ଥାନୀୟ ନିୟୁତ୍ତି ଏବଂ କମ୍ପାନୀ ପେ ରୋଲ୍ ଅଧୀନରେ ରହିବା ଉଚିତ୍ ।</li> <li>iii. ଖଣିର କାର୍ଯ୍ୟକାରୀତା ସମୟରେ ସ୍ଥାନୀୟ ଗ୍ରାମବାସୀଙ୍କ ଉପସ୍ଥିତିତ ଯୋଗଦାନ ରହିବ ।</li> </ul>	<ul style="list-style-type: none"> <li>ସ୍ଥାନୀୟ ଜନସାଧାରଣଙ୍କୁ ସେମାନଙ୍କର ଯୋଗ୍ୟତା ଏବଂ ଅଭିଜ୍ଞତା କୁ ଆଧାର କରି ରୋଜଗାର ପାଇଁ ପ୍ରାଥମିକତା ଦିଆଯିବ ।</li> <li>ସ୍ଥାନୀୟ ଲୋକଙ୍କ ଦକ୍ଷତା ଅନୁଯାୟୀ ଚାକିରୀ ନିମନ୍ତେ ଅଗ୍ରାଧିକାର ଦିଆଯିବ ।</li> <li>ଦକ୍ଷତା ବିକାଶ ପ୍ରମାଣିତ ପାଠ୍ୟକ୍ରମ ପ୍ରଦାନ କରାଯିବ ।</li> </ul>


  
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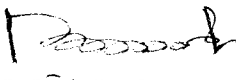
୪.	ପାରିପାଶ୍ୱିକ ବିକାଶ	
କ	ସଡକ ବିକାଶ	
	i) କଲମଙ୍ଗରୁ ଭଞ୍ଜାପାଲି ପର୍ଯ୍ୟନ୍ତ ଗାଁ ରାସ୍ତାର ନିର୍ମାଣ ଏବଂ ପ୍ରଶସ୍ତିକରଣ ।	ଜିଲ୍ଲା ପ୍ରଶାସନର ପରାମର୍ଶ କ୍ରମେ କମ୍ପାନୀ ଏହି ରାସ୍ତା ନିର୍ମାଣ କରିବ ।
ଖ	ସ୍ୱାସ୍ଥ୍ୟସେବା ସୁବିଧା : i) କଲମଙ୍ଗ ଗ୍ରାମରେ ଅଲଗାସାଲଗୁ ସୁବିଧା ସହିତ ୬ଟି ରୋଗୀ ଶଯ୍ୟା ବିଶିଷ୍ଟ ଡାକ୍ତରଖାନା ନିର୍ମାଣ । ii) ମୋବାଇଲ ସ୍ୱାସ୍ଥ୍ୟସେବା ପ୍ରଦାନକାରୀ ଭ୍ୟାନ ଏବଂ ଆମ୍ବୁ ଲାନ୍ସ ସେବା ର ସୁବିଧା । iii) କଲମଙ୍ଗ ଗ୍ରାମରେ ଏକ ଔଷଧାଳୟ ପ୍ରତିଷ୍ଠା କରାଯିବ ।	<ul style="list-style-type: none"> <li>ଗୋଟିଏ ଫିଡର୍ ହସ୍ପିଟାଲ ଯୋଗାଇ ଦିଆଯିବ ।</li> <li>୩ଟି-ସିଫ୍ଟ ଆମ୍ବୁଲାନ୍ସ ଅପରେସନ୍ ଯୋଗାଇ ଦିଆଯିବ</li> <li>ଟାଟା ଷ୍ଟିଲ ଜୋଡ଼ା ହସ୍ପିଟାଲରେ ଚିକିତ୍ସା ସୁବିଧା ର ସଂପ୍ରସାରଣ ମଧ୍ୟ କରାଯିବ ।</li> <li>ଉପଯୁକ୍ତ ଜିଲ୍ଲା କର୍ତ୍ତୃପକ୍ଷଙ୍କ ଅନୁମୋଦନ ପାଇବା ପରେ କୋଇରା ଗୋଷ୍ଠୀ ସ୍ୱାସ୍ଥ୍ୟ କେନ୍ଦ୍ରରେ ଅଲ୍ଟ୍ରା ସାଉଣ୍ଡ ସୁବିଧା ଯୋଗାଇ ଦିଆଯିବ ।</li> </ul>
ଗ)	ଶିକ୍ଷା : i) ସ୍ଥାନୀୟ ବିଦ୍ୟାଳୟ ଗୁଡ଼ିକରେ ରେ ପର୍ଯ୍ୟାପ୍ତ ଶିକ୍ଷକ କୁ ନିଯୁକ୍ତି ପ୍ରଦାନ କରାଯିବା ସହିତ ସେମାନଙ୍କ ରହିବା ସୁବିଧା ଯୋଗାଇ ଦିଆଯିବ । ii) ସ୍ଥାନୀୟ ବିଦ୍ୟାଳୟର ପିଲାମାନଙ୍କ ପାଇଁ କୋଟିଂ ସେଣ୍ଟର ର ଶିବିଧ କରାଯିବ ।	<ul style="list-style-type: none"> <li>କମ୍ପାନୀ କଲମଙ୍ଗ ହାଇସ୍କୁଲରେ ସ୍ମାର୍ଟ କ୍ଲାସ୍ ରୁମ୍ ଯୋଗାଇବ</li> <li>କମ୍ପାନୀ ଯୋଗ୍ୟ ଛାତ୍ରମାନଙ୍କୁ ଜ୍ୟୋତି ଫେଲୋସିପ୍ ଛାତ୍ର ବୃତ୍ତି ପ୍ରଦାନ କରିବ ।</li> <li>ପ୍ରି ମ୍ୟାଟ୍ରିକ୍ ଛାତ୍ରମାନଙ୍କୁ କମ୍ପାନୀ କୋଟିଂ ସୁବିଧା ଯୋଗାଇବ</li> <li>କମ୍ପାନୀରୁ ଶିକ୍ଷକମାନଙ୍କୁ ସହାୟତା ଯୋଗାଇ ଦିଆଯିବ ଏବଂ ବିଦ୍ୟାଳୟ ପ୍ରଶାସନ ର ଅନୁମୋଦନ ଅନୁଯାୟୀ ଅତିରିକ୍ତ ସୁବିଧା ସୃଷ୍ଟି ହେବ ।</li> </ul>
ଘ)	କଲମଙ୍ଗରୁ ସାଗାସାହି ଗାଁ ପର୍ଯ୍ୟନ୍ତ ଷ୍ଟ୍ରିଟ୍ ଲାଇଟ୍ ଯୋଗାଣ ।	<ul style="list-style-type: none"> <li>ପ୍ରତ୍ୟେକ ଗାଁରେ ସୋଲାର ଲାଇଟ୍ (ସୌର ଚାଳିତ) ର ବ୍ୟବସ୍ଥା କରାଯିବ ।</li> </ul>
ଙ)	ସୋଡାବୁଡ଼ାନି, ସାଗାସାହି ଏବଂ କାହୁସାହି ଗ୍ରାମରେ ପାନୀୟ ଜଳ ଯୋଗାଣ ।	<ul style="list-style-type: none"> <li>ପାନୀୟ ଜଳ ସୁବିଧା ପାଇଁ ପ୍ରତ୍ୟେକ ଗ୍ରାମରେ ସୌରଚାଳିତ ବିଦ୍ୟୁତ୍ ବୋରଝେଲ ଯୋଗାଇ ଦିଆଯିବ ।</li> <li>ଏକ ବର୍ଷ ମଧ୍ୟରେ କୋଇଡ଼ା କଲେଜରେ ସୋଲାର ପାଖାନ୍ତ ବୋରଝେଲ ଉପଲବ୍ଧ ହେବ ।</li> <li>ସମସ୍ତ ଗ୍ରାମରେ ପାନୀୟ ଜଳ ସୁବିଧା ଉପଲବ୍ଧ ହେବ ।</li> </ul>

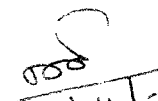
  
 Additional Officer  
 National Board of Health Services  
 Cuttack, Odisha

  
 Additional Officer  
 National Board of Health Services  
 Cuttack, Odisha

ଗ)	ବିଦ୍ୟାଳୟ / କଲେଜ ଯାଉଥିବା ସ୍ଥାନୀୟ ଗ୍ରାମ ର ପିଲାମାନଙ୍କ ପାଇଁ ପରିବହନ ସୁବିଧା ।	• ସ୍କୁଲ ଏବଂ କଲେଜ ଯିବା ପାଇଁ କମ୍ପାନୀ ଛାତ୍ର ମାନଙ୍କୁ ବସ୍ ଯୋଗାଇବ ।
ଘ)	କୁହୁରୁପାନି ଗାଁରୁ ମାଲଦା ଗ୍ରାମ ପର୍ଯ୍ୟନ୍ତ ଚୋରମାଲଦା ନିକଟରେ ସେତୁ ନିର୍ମାଣ ।	• ଚୋରମାଲଦା ନିକଟରେ ବ୍ରିଜ୍ ନିର୍ମାଣ କାର୍ଯ୍ୟ ଆରମ୍ଭ ହୋଇସାରିଛି ।
ଙ)	ଜଳ ସୁବିଧା ସହିତ ରାସ୍ତା ପାର୍ଶ୍ୱ ଶୌଚାଳୟ ନିର୍ମାଣ ।	• ସରକାରୀ ଏଜେନ୍ସି ଦ୍ୱାରା ଜମି ବନ୍ଧନ ପରେ ଗ୍ରାମଗୁଡ଼ିକରେ କମ୍ୟୁନିଟି ଟଏଲେଟ୍ ନିର୍ମାଣ ହେବ ।
ଚ)	ବେ ରୋଜଗାର ଯୁବକ ମାନଙ୍କୁ ନିଯୁକ୍ତି ଯୋଗାଇଦେବା ନିମନ୍ତେ ସେମାନଙ୍କୁ JTI ଦ୍ୱାରା ପ୍ରଶିକ୍ଷଣ ପ୍ରଦାନ କରାଯିବ ।	• କମ୍ପାନୀରୁ ଶିକ୍ଷକମାନଙ୍କୁ ସହାୟତା ଯୋଗାଇ ଦିଆଯିବ ଏବଂ ବିଦ୍ୟାଳୟ ପ୍ରଶାସନ ର ଅନୁମୋଦନ ଅନୁଯାୟୀ ଅତିରିକ୍ତ ସୁବିଧା ସୃଷ୍ଟି ହେବ ।
i	ବୃକ୍ଷ ବନ୍ଧନ ଏବଂ ଭିନ୍ନଭିନ୍ନ ପାଇଁ ପେଟ୍ରୋଲ୍ ସୁବିଧା ।	• ପ୍ରତ୍ୟେକ ବିସ୍ତାପିତ ପରିବାରର ଜଣେ ବ୍ୟକ୍ତିଙ୍କୁ ରୋଜଗାର ଯୋଗାଇ ଦିଆଯିବ ।
ii	ସ୍ଥାନୀୟ ଗ୍ରାମଗୁଡ଼ିକର ବିକାଶ, ମନ୍ଦିର ନିର୍ମାଣ ଏବଂ CSR କାର୍ଯ୍ୟକଳାପ ମାଧ୍ୟମରେ ଆଦିବାସୀ ଜନସାଧାରଣ କ ସାମାଜିକ ଆବଶ୍ୟକତା ପୂରଣ ।	• ସ୍ଥାନୀୟ ଗ୍ରାମ ଏବଂ ଆଦିବାସୀ ଲୋକଙ୍କ ବିକାଶ ପାଇଁ କମ୍ପାନୀ ଜିଲ୍ଲା ପ୍ରଶାସନ ସହିତ ସମନ୍ୱୟ ରକ୍ଷା କରିବ ।

  
 General Manager  
 Ore Mines & Quarries  
 ଅତୁଲ କୁମାର ଭଟ୍ଟନାଗର  
 (ସ୍ୱୀକୃତିପ୍ରାପ୍ତ ଦସ୍ତଖତକାରୀ)  
 ଜେନେରାଲ ମ୍ୟାନେଜର୍ (OMQ)  
 TATA STEEL LIMITED

  
 ଆଞ୍ଚଳିକ ଅଧିକାରୀ  
 ଓଡ଼ିଶା ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ  
 ରାଉରକେଲା  
 Regional Officer  
 State Pollution Control Board Odisha  
 ROURKELA


  
 10/11/2021  
 ଅତିରିକ୍ତ ଜିଲ୍ଲାପାଳ  
 ସୁନ୍ଦରଗଞ୍ଜ, ଓଡ଼ିଶା  
 Addl. District Magistrate  
 Sundargarh, Odisha

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**Annexure- A**

**EXECUTIVE SUMMARY OF PUBLIC CONSULTATION (HEARING) OF KALAMANG WEST (NORTHERN PART) BLOCK IRON ORE MINES OF M/S TATA STEEL BSL LTD., HELD ON 10-11-2021 (10.30 AM) AT FOOTBALL PLAY GROUND OF KALMANG VILLAGE UNDER KOIRA BLOCK OF SUNDARGARH DIST. (ODISHA)**

Sl. No.	Issues raised by Public	Comments of the Project Authority
1.	<b>Land:</b> i) Rehabilitation & Replacement of Ghodhabudhani, Sagasahi & Kanhusahi villagers	- One person from each displaced family will be provided employment from company.
2.	<b>Environment:</b> i) Dust pollution will increase due to mining ii) Water pollution due to mining iii) Adequate plantation in mines area	<ul style="list-style-type: none"><li>• Regular water sprinkling will be done for dust suppression.</li><li>• Black top road will be provided in the mineral transportation road upon availability of regulatory permissions.</li><li>• Plantation of fruit bearing trees will be taken up with participation of the community.</li><li>• Company will take steps to control water pollution.</li><li>• Fruit Bearing trees plantation will be taken up in agricultural lands upon mutual consent with farmers.</li></ul>
3.	<b>Local Employment :</b> i) Local villagers should employ on priority basis. ii) Local employment as per their qualification should be under company pay roll. iii) Engagement of local villagers (60%) during mine operation.	<ul style="list-style-type: none"><li>• Local public will be given priority for employment based on their qualification and experience.</li><li>• Preference will be given to the local persons for employment as per their skill.</li><li>• Skill development certified courses will be provided.</li></ul>
4.	<b>Peripheral Development</b>	

  
Regional Officer  
State Pollution Control Board Odisha  
Bhubaneswar

pg. 2

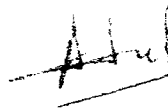
<p><b>a) Road Development:</b> i) Construction &amp; widening of village road from Kalamang to Bhanjapali.</p>	<p>Company will construct road as per suggestion of District Administration.</p>
<p><b>b) Healthcare facility:</b> ii) Construction of 6 bedded hospital with ultrasound facility in Kalamang village iii) Mobile health van and ambulance facility iv) One dispensary in Kalamang village</p>	<ul style="list-style-type: none"> <li>• One feeder hospital will be provided.</li> <li>• 3-shift Ambulance operation will be provided.</li> <li>• Treatment facility will also be extended at Tata Steel Joda Hospital.</li> <li>• Ultra sound facility will be provided at Koira Community Health center after seeking approval of the appropriate district authorities.</li> </ul>
<p><b>c) Education:</b> i) Appointment of adequate teachers in local schools with their accommodation facility ii) Coaching centre for local school children</p>	<ul style="list-style-type: none"> <li>• Company will provide Smart class room at Kalamang High school.</li> <li>• Company will provide Jyoti fellowship scholarship to the meritorious students.</li> <li>• Company will provide Coaching facilities to pre matric students.</li> <li>• Support will be provided from company to teachers and additional facilities will be created as per approval from school administration.</li> </ul>
<p><b>d) Provision of street light from Kalmang to Sagasahi village</b></p>	<p>Solar lights will be provided to every village.</p>
<p><b>e) Supply of drinking water facility in Ghodabudani, Sagasahi &amp; Kanhusai villages</b></p>	<ul style="list-style-type: none"> <li>• Solar power bore well to be provided in each village for drinking water facility.</li> <li>• Solar Power Bore well to be provided at Koira College within one year.</li> <li>• Drinking water facility will be provided in all villages.</li> </ul>
<p><b>f) Transportation facility for school/College going local village childrens</b></p>	<p>Company will provide Bus for school and college going students</p>

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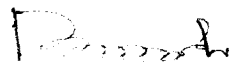
*[Handwritten Signature]*

Regional Officer  
State Pollution Control Board, Odisha  
POURKETA

g) Construction of bridge near Churmalda from Kundurupani village to Malda village	Bridge construction job near Chor Malda has already been started.
h) Road side toilets with water facility	Community Toilets will be constructed in villages upon allotment of land by Government agencies.
(i) Training facility through JTI to the unemployed youths for employment	Support will be provided from company to teachers and additional facilities will be created as per approval from school administration
j) Pension facility for old aged persons and handicapped persons	One person from each displaced family will be provided employment.
k) Development of local villages, construction of temple and tribal people for fulfillment of social requirement through CSR activities.	Company will coordinate with District Administration for development of local villages & tribal people.



Atul Kumar Bhatnagar  
 (Authorized Signatory)  
 General Manager (OMQ)  
 General Manager  
 Ore Mines & Quarries  
 JATA STEEL LIMITED



Regional Officer  
 Odisha S.P.C.B., Rourkela

Regional Officer  
 State Pollution Control Board Odisha  
 ROURKELA

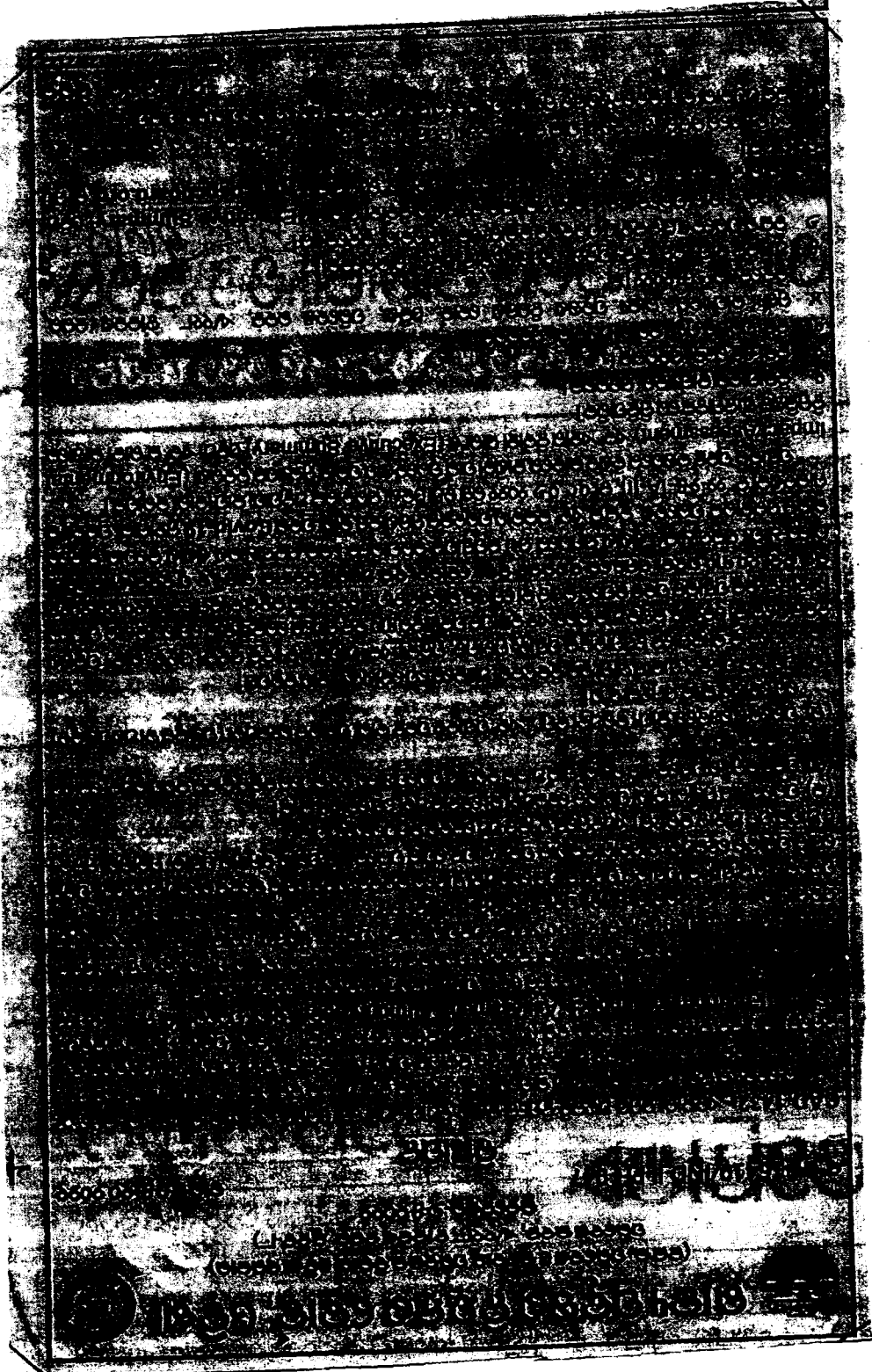
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 10/11/2021

Addl. Dist. Magistrate  
 Sundargarh, Odisha

Addl. Dist. Magistrate  
 Sundargarh, Odisha pg. 3

Central Library  
S.P.C. Board  
A/118, Nilkanth Nagar  
Indi-VIII, Bhubaneswar-75

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### STATE POLLUTION CONTROL BOARD, ODISHA

(Department of Forest & Environment, Govt. of Odisha)  
Paribesh Bhawan, A/118, Nilakanthanagar, Unit-VIII, Bhubaneswar - 751012



No. 15412 /

IND-II-PH-947

Date 05.10.2021

#### NOTICE

**CAD-1431:** It is brought to the notice of all concerned that M/s Tata Steel BSL Ltd. has proposed to have Environmental Assessment for Kalamang West (Northern Part) Iron Ore Mine with production capacity of 2.95 MTPA (ROM) located at Kalamang & Ghodabudani villages of Sundargarh district and Gandaipada village of Keonjhar district over ML area of 92.875 Ha. (for Sundargarh district) to obtain Environmental Clearance from State Environment Impact Assessment Authority (SE1AA), Odisha. The proponent has applied to the State Pollution Control Board, Odisha, Bhubaneswar for a Public Hearing.

By virtue of Ministry of Environment, Forests & Climate Change, Government of India Notification No. S.O. 1533 (E) Dtd. 14.09.2006, the Board has been authorized to conduct environmental public hearing and as such invites suggestions, views, comments and objections on matters relating to environmental aspects of the proposed project from all the persons including bonafide residents, environmental groups and others located at the proposed site / sites of displacement / sites likely to be affected.

For the above purpose, a person will only mean:

- A. Any person who is likely to be affected by the grant of Environmental Clearance.
- B. Any person who owns his control over the project with respect to which an application has been submitted for environmental clearance.
- C. Any association of persons whether incorporated or likely to be affected by the project and / or functioning in the field of environment.
- D. Any local authority within any part of whose local limits is within the neighborhood, wherein the project is proposed to be located.

Persons as above who desire to submit their views, comments, objections etc. relevant to the project, may do so in writing within 30 days from the date of publication of this notice addressing the same to the Member Secretary, State Pollution Control Board, Odisha through Registered Post. Besides this, persons interested to submit their views relevant to the proposed mining project in writing or orally may also do so during the public hearing to be conducted on 10.11.2021 at 10.30 A.M at Football Play Ground of Kalamang village under Koira Block of Sundargarh district. Public hearing shall be conducted strictly observing guidelines contained in COVID - 19 pandemic restrictions issued by the MoEF&CC, Govt. of India vide OM No.22-2S-IA.III, dated 09.06.2021 as well as Govt. of Odisha.

Persons desirous of participating in the public hearing may go through the Environmental Impact Assessment (EIA) / Environmental Management Plan (EMP) of the said project which will be available at the following offices. Copy of the Executive Summary both in English & Odia is also available in the following offices & the same can also be downloaded from the website [www.ospcboard.org](http://www.ospcboard.org) free of cost.

1. District Collector's Office, Sundargarh.
2. District Industries Center, Sundargarh.
3. In the office of the Chief Executive Officer, Zilla Parishad, Sundargarh.
4. In the Head office of the State Pollution Control Board, Odisha, Parivesh Bhawan, A/118, Nilakanthanagar, Unit - VIII, Bhubaneswar - 12.
5. Regional Office, State Pollution Control Board, Odisha, Rourkela.
6. Department of Forest & Environment (Environment), Govt. of Odisha, Bhubaneswar

For any further clarification in the matter, the Regional Officer, State Pollution Control Board, Rourkela or the Member Secretary, State Pollution Control Board, Odisha at Bhubaneswar may be contacted.

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