

PROCEEDINGS OF PUBLIC CONSULTATION (HEARING) OF GONUA IRON ORE MINES OF M/s JSW STEEL LIMITED, WITH TOTAL EXCAVATION OF 3.4086 MTPA (ROM 2.99 MTPA + OB/SB/IB 0.4186 MTPA) ALONG WITH SCREENING AND CRUSHING, 1000 TPH CENTRAL PRCESSING UNIT (CPU) IN LEASE AREA OF 88.516Ha. AS PER DGPS (86.886 Ha. AS PER ROR) LOCATED IN GONUA AND PATABEDA VILLAGES OF SUNDARGARH DIST HELD ON DATED 18.05.2022 (10.00AM) AT FOOTBALL GROUND OF GONUA VILLAGE UNDERKOIRA BLOCK OF SUNDARGARH DIST. (ODISHA)

The public hearing meeting for Gonua Iron ore mines of M/s JSW Steel Limited (over an area of 88.516Ha., as per DGPS) located in Gonua and Patabeda villages was conducted on dtd.18.05.2022 at10.00AM at Football ground of Gonua village under Koira Block in the District of Sundargarh. Sri Shiv Shankar Toppo, Additional District Magistrate, Sundargarh had presided over the meeting. At the outset, Dr. Binod Bihari Dash, Regional Officer, State Pollution Control Board, Odisha, Rourkela delivered welcome address, organised and conducted the public hearing meeting in association with District Administration.

The Public hearing in respect of the above mining was held as per the schedule 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 meeting is annexed herewith in ANNEXURE-I. Around 250 nos. of persons attended the public hearing meeting and one hundred fifty two (152) Nos. of persons have signed in attendance sheet. Fifty-one (51) nos. of persons had delivered their views whose list and their signature is given on ANNEXURE-II.

Dr. B.B. Dash, Regional Officer, State Pollution Control Board, Rourkela 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 that has



been issued by the Govt. during Public hearing. He briefly mentioned about the expansion of mining project of Gonua iron ore mines to be fulfilled with total excavation of 3.4086MTPA (2.99MTPA ROM & 0.4186MTPA OB/SB/IB) along with screening & crushing - 1000TPH Central Processing Unit (CPU) in the mining lease area. He welcomed the Additional District Magistrate to preside over and conduct for the public hearing smoothly.

The Additional District Magistrate, Sundargarh had briefed about the project and invited the project proponent of Gonua Iron ore mines of M/s JSW Steel Limited. Sri Biraja Kinkar Das, General Manager (Electrical) had briefed about the proposed mining activities for production of iron ore mines, salient features of the proposed expansion project and Environmental Management Plan with Pollution Control Measures to be adopted during mining operation, Blasting procedure, Plantation Programme and various other peripheral development activities and contribution towards increase of state revenueetc. to be carried out during the course of mining. The salient feature of the project is given as follows:

<u>Project Proposal</u>: Gonua Iron Ore Mine proposes for Total Excavation of 3.4086MTPA (2.99 MTPA (ROM)+ OB 0.4186) along with 1000 TPH Central Processing Unit (CPU) in mine lease area of 88.516 Ha as per DGPS (86.886 Ha as per ROR).

Location: Gonua and Patabeda village, Koira Tehsil, Sundargarh District, Odisha

PROJECT DETAILS:

S. No.	Particular	Details
1	Type of project	Gonua iron ore Mine
2	Mining Lease area	88.516 ha (82.790 ha Forest Land and 5.726 ha. Non-forest land)
3	Production Capacity	Total excavation: 3.4086 MTPA (ROM 2.99 MTPA + OB/SB/IB 0.4186 MTPA) Central Processing Unit - 1000 TPH
4	Mineable reserves	103.009 million tonnes
5	Life of mine	33 years





6	Lease period	50 years
7	Bench height	9 m
8	Minimum width of working bench	10 m
9	Ultimate pit slope	< 45 degree
10	Ultimate pit depth	530 m RL (plan period)
11	Total water requirement & source	350 m3/day will be met from Surface water will be taken from Baitarani river in Kanupur dam downstream side located at Champua and in lean season the requirement will be met from rainwater harvesting pond and 75 KLD from Ground Water.
12	Power requirement & source	The total power requirement for the proposed project is 2 MW which will be sourced from nearest grid.
13	Greenbelt & Plantation area	An area of 45.632 ha shall be reclaimed by backfilling and planted, an area of 17.008 ha will be bench plantation. Safety zone area of 1.15 ha. planting also to be made.
14	Manpower requirement	713 people including skilled, semi-skilled, unskilled and clerical manpower apart from managerial staff.
15	Project cost	Rs. 203 Crores
16	Environment protection cost	EMP capital cost is Rs. 14 Crores & Recurring cost is Rs. 2.5 Crores
17	National Parks/ Wildlife Sanctuaries	Karo - Karampada elephant corridor is located at about 12.6 km from the mine lease area in NW direction which is yet to be notified.
18	Ground Water Level Details	The present mining operation is at 647 m RL and will upto 596 m RL in this plan period. However, ultimate depth of mine during the life of mine for Gonua block will be 530 mRL and maximum depth of excavation for Patabeda block will be 585
		mRL. Ground water table is at 575 m RL.



		The total make-up water requirement for the proposed project is about 350 m ³ /day and will be met from ground water and RWH pond.
19	Proposed CSR cost	Rs. 315 lakhs for 2022-24

Salient Features of the Mine

- > The mine is being operated by fully mechanized open cast method;
- > The project life of mine is more than 33 years.
- > The total waste generation (SB/IB/OB) is expected in the range of 1.248 million tons (till end of plan period); and

Technology and Process Description

The mining will be carried out by fully mechanized open cast method using drilling and blasting by deploying HEMM equipments like hydraulic drills and excavators, wheel loaders, dumpers. The height of the benches will be kept at 6-10 m and width of the benches will be kept at 10-15m. The working of benches will be commenced from top and extended to bottom benches. The extracted ROM ore will be crushed by primary and secondary crusher and screened in the 1000 TPH (4*400 TPH & 3*250 TPH) Central Processing Unit. Iron ore lumps of size +10 mm will be stored in the CPU storage area and transported through trucks to the nearest railway sidings.

The high-grade iron ore lumps extracted from the mine will be transported to JSW Steel Plants through railway/port/road and the low-grade iron ore of top benches will be blended with high grade iron ore of lower benches to achieve the required grade.

DESCRIPTION OF THE ENVIRONMENT

The baseline data monitoring studies have been carried out for three months covering 1st October 2020 to 31st December 2020 represents postmonsoon season.

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Land Use

The preparation of land use/land cover thematic map for this project is by use of monoscopic visual interpretation of IRS-RS2A LISS-IV FX satellite image. The various steps involved in the study include mapping of land use/landcover details based on image characteristic identification, prefield interpretation, ground truth collection and post field interpretation. The summary of land use within the study area of the project is presented below:

- Built-up-land: The total built-up-land constitutes 8% of total study area.
- Forest Land: 12.8 % of land is occupied by scrub forest land
- Agricultural land: The part of the study area is occupied by agricultural land which constitutes about 10.4 %.
- Waste Land: 63.4 % of land is waste land
- Water Body: 5.4 % of land is covered by water body.

Soil Quality

12 soil samples were collected and analyzed in and around the mine lease area to assess the present soil quality of the region. The textural classes of all the soil samples range from sandy clay to silty clay (fine texture). The pH value ranges between 6.42 to 8.43 indicating soils are slightly acidic to neutral and the EC ranges between 93 to 239 µs/cm and are below the limits to be called as saline and hence the soils are normal for crop growth.

The samples contain 0.29 to 0.56% organic carbon and 0.50 to 0.97% organic matter. As per crop requirements the soils are very low to low in organic matter content. Similarly, the available nitrogen in the samples ranges between 38.2 to 77 kg/ha showing low nitrogen content for crop growth. The available phosphorus content ranges between 73.4 to 164.0 kg/ha and falls under Sufficient to more than sufficient category for crop growth and the available potassium ranges between 123.2 to 261.0 kg/ha and falls under less to medium category for crop growth.

Also, the concentration of heavy metals like Cr, Pb, Ni, Cd, As, Hg etc. are found to be within normal or permissible limits indicating that there is no heavy metal contamination in the soil.

Meteorology

The minimum and maximum temperatures recorded at site during post-monsoon (October 2020 to December 2020) was 8.4°C and 35.7°C and the relative humidity observed at the site range between 55 – 81% during the study period.

Ambient Air Quality

Ambient Air Quality Monitoring (AAQM) was carried out at 13 locations with a frequency of two days per week for three months during during post monsoon (October to December 2020) as per CPCB standards. Various statistical parameters like 98th percentile, average, maximum and minimum values have been computed from the observed raw data for all the AAQ monitoring stations. The results were then compared with the standards prescribed by Central Pollution Control Board (CPCB).

*Particulate Matter (PM*_{2.5}): The minimum and maximum concentrations for $PM_{2.5}$ were recorded as 15.6 - $38.6\mu g/m^3$ and respectively. The minimum concentration was recorded at Chormalda (AAQ4)) maximum concentration was recorded at Pataberha (AAQ5) and Palsha (AAQ7).

Particulate Matter (PM_{10}): The minimum and maximum concentrations for PM_{10} were recorded as 31.5 - 55.7 μ g/m³ and respectively. The minimum concentration was recorded at Chormalda (AAQ4) maximum concentration was recorded at Pataberha (AAQ5).

Sulphur Dioxide (SO_2): The minimum and maximum SO_2 concentrations were recorded as $10.5 - 16.1 \mu g/m^3$. The minimum concentration was recorded at Chormalda (AAQ4) and the maximum concentration was recorded at Pataberha (AAQ5) and Palsha (AAQ7).

Nitrogen dioxide (NO₂): The minimum and maximum SO₂ concentrations were recorded as 19.8 - 30.7μg/m³ The minimum concentration was recorded at Chormalda (AAQ4) and the maximum concentration was recorded at Pataberha (AAQ5).

Carbon Monoxide (CO): The minimum and maximum carbon monoxide concentrations 228 $\mu g/m^3$ and 407 $\mu g/m^3$. The minimum concentration was recorded at ML area near Chormalda (AAQ4) and the maximum concentration was recorded at mine lease area Near Pataberha (AAQ5) and Mine Lease area (AAQ1).

Ozone (O_3): The minimum and maximum Ozone concentrations were recorded as 2.1 - 7.7 μ g/m³. The minimum concentration was recorded at Chormalda (AAQ4) and Siljhora (AAQ9) and the maximum concentration was recorded at mine lease area near (AAQ1).

The ambient air quality has been observed to be within permissible limits.



Water Quality

Ten ground water samples consisting of bore wells and dug wells (ground water sources) and Seven surface water sources covering 10 km radial distance from the mine lease boundary were examined for physicochemical, heavy metals and bacteriological parameters in order to assess the effect of operations from mine and other activities on surface and ground water quality. The samples were analyzed as per the procedures specified in 'Standard Methods for the Examination of Water and Wastewater' published by American Public Health Association (APHA). The observation of water quality analysis is presented below exclusively for ground water and surface water samples:

• Ground Water Quality

- ➤ The analysis results of ground water samples showed the pH in range of 6.75 7.52. The maximum value was observed at Palsha (GW9) and the minimum value observed at Gonua (GW10) whereas the prescribed limit of is 6.5 to 8.5.
- > Colour of the samples ranged from 1 5 Hazen whereas the prescribed limit is 5 to 25 Hazen.
- > Turbidity of the samples ranged from 1 3 NTU whereas the prescribed limit is 5 to 10 NTU.
- > Electrical conductivity of the samples ranged from 199.4 344 μS/cm.
- The Total Dissolved Solids of the samples ranged from 130.7 221.2 mg/l. The maximum value was observed at Khandabandth (GW8) and the minimum value observed at Sargigarh (GW5) whereas the prescribed limit of 500 2000 mg/l.
- ➤ Calcium concentrations ranged from 14.2 –22.6 mg/l respectively whereas the prescribed limit of 75 200 mg/l.
- Magnesium concentrations ranged from 5.2–8.6 mg/l respectively whereas the prescribed limit of 30 100mg/l.
- ➤ The Total Hardness of the samples ranged from 57 92 mg/l. The minimum Hardness was observed at Sargigarh (GW5) and where as the maximum value observed at Khandabandth (GW8). The Hardness values are well within the prescribed limit of 200-600 mg/l.
- > Range of Chlorides concentrations at all the locations 18.4—49.4 mg/l whereas the prescribed limit is 250 1000 mg/l.
- ➤ Range of Sulphates concentrations at all the locations as 7.3 26.5 mg/l whereas the prescribed limit is 200 400 mg/l.
- ➤ Similarly, Nitrates are also found to be ranging between 1.7 4.2 mg/l whereas the prescribed limit is 45 mg/l.
- > Fluoride concentrations are ranging in between 0.4 0.7 mg/l and are found to be within the permissible limits 1.0 1.5 mg/l.



- ➤ Iron concentrations in ground waters varied from 0.04 0.11 mg/l whereas the prescribed limit is 0.3 - 1.0 mg/l.
- > All other metal concentrations are observed to be below detectable limits.

Based on the above results it is evident that all of the parameters in ground water fairly meet the desirable standard limits of IS: 10500, 2012.

Surface Water Quality

- ➤ The analysis results of surface water samples indicate that the pH value was observed to be 6.74 7.21.
- > Electrical conductivity of surface water samples was observed to be 157.0 211.5 µS/cm.
- > The total dissolved solids were observed about 103.5-135.5 mg/l
- > Total hardness was observed in the range of 47–55 mg/l.
- > Sulphates were found to be in the range of 5.4–7.5 mg/l, and Nitrates were found to be in the range of 1.1-2.2 mg/l which are within the prescribed limits only.
- > Fluoride concentration was found to be 0.3-0.7 mg/l at all the locations.

The surface water quality does not indicate any external industrial contamination in the study area.

Noise Levels

The noise monitoring has been conducted for determination of noise levels at ten locations in the study area. The noise levels at each of the locations were recorded for 24 hours for November 2020. The environmental setting of noise monitoring locations is identified encompassing different noise sensitive's and zones that are deemed pertinent for monitoring of noise level and assessment of quality of noise levels.

Sound Pressure Level (SPL) were measured at all (10) noise sensitive receptors identified during site reconnaissance. The readings were taken for every hour for 24 hours. The day noise levels have been monitored during 6 am to 10 pm and night levels during 10 pm to 6 am at all the locations covered in 10 km radius of the study area.

ANTICIPATED ENVIRONMENTAL MITIGATION MEASURES

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Land Use

Mine benches, OB dumps are terraced properly and in addition a buttress wall of sufficient height & width was constructed a few meters distance from foot of the dump in order to avoid the surface run-off.

The existing mitigation measures will be upgraded scientific way of mining and better management technique during course of mining activities like stabilization of dumps with plantation, toe wall, garland drains, settling pits and check dams.

<u>Soil</u>

- Segregation of wastes based on the environmental risk potential are to be treated and disposed off in environmentally sound manner;
- During the planning stage, identification of waste storage yard and topsoil being done based on slope and runoff characteristics; and
- Presently there are no top soils. In case generated will be kept in a designated area and will be given minimum storage time to prevent nutrient loss; and
- In-pit dumping of mine waste is promoted wherever possible rather than external dumping. In case of external dumping, proper care is taking for stabilization, by suitable plantations.

Soil Conservation Measures:

The following control measures to prevent soil erosion and wash-off from freshly excavated benches and dumps will be adopted:

- Garland drains will be provided around the mine wherever required to arrest any soil from the mine area being carried away by the rain water;
- To prevent soil erosion check dam will be made at suitable places by using stones or rocks; and
- After exhaustion of the total workable iron ore reserves, within the lease area, the changed land forms will be subjected to post mining reclamation activities, for best possible land uses.

Air Quality

a. Mining

- Dust suppression system in the form of water jets installed in all the drill machines for reduction in dust generation during drilling;
- The production of blast fumes containing noxious gases are reduced by the following methods:
- Use of adequate booster/primer; and
- Proper stemming of the blast hole.
- Fixed and mobile water sprinklers to suppress dust during hauling;
- · Coir matting using geo-jute in dumps with plantations; and
- Greenbelt development is being done all along the haul roads, wherever feasible and overburden dumps, avenue plantation, road side plantation, colony plantation and will be further enhanced.



b. Mobile screen and crushing plant

- Dry fog & chem-jet systems in processing plants for dust suppression, emphasis on wet beneficiation process; and
- Chemical is proposed which is an organic-based surfactant and tackifier which is mixed with water and used for dust suppression on Haul Roads;

Dust Extraction System (DES) at Processing Plants:

- Installation of pulse jet bag filter at primary crusher of processing plant;
- Cylindrical bags made of polyester with antistatic property are used as a filter medium inside bag house; and
- Cleaning is controlled automatically by a sequence controller.

c. Central Processing Unit (CPU)

- The truck loading point will be covered from three sides and a dry fog system will be placed at the loading point;
- The conveyor will be installed with belt sprinklers/ dry fog system;
- The material will be transferred via Closed conveyer hoods;
- Regular maintenance of vehicles and machinery is being carried out in order to control emission;
- AC cabins for shovel and dumper provided which leads to minimum exposure of the operator to the external environment;
- Dust suppression on exposed area is being done using water trucks and sprinkler provided on the approach to mine, grinding/desliming/ beneficiation plant;
- Dust generated due to traffic on haul roads are reduced by water spraying at regular interval of time. Further, no. of pressurized water tanker to be added in the fleet to strengthen the mitigation measures;
- d. A good housekeeping and proper maintenance practice will be further helping in controlling pollution;
- e. Dust generation due to crushing plant is controlled by providing dust extraction system at hopper area, dry fog system at all transfer points, network of conveyors, minimize spillage by better management of conveyor system and housekeeping. Further windbroken wall has been envisaged near the crusher for dry ore to avoid the particles to fly.

Noise Levels and Ground Vibrations

The existing green cover/proposed green belt all around the mine lease area act as noise barrier and keep the community noise levels with the tolerable limits.

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- Minimum quantity of detonating fuse will be consumed by using alternatively excel non-electrical initiation system;
- The prime movers/diesel engines will be of proper designed and will be properly maintained;
- The operators chamber will be safe guarded with proper enclosures to reduce the noise levels;
- A thick greenbelt will be provided in phased manner around the periphery of the mine to attenuate noise; and
- Trees plantation in and around the lease area which will be further enhanced.

Measures to Protect Workers from High Noise Levels

- Provision of protective device like ear muffs/ear plugs;
- Provision of sound insulated chamber for the workers deployed on machines producing higher level of noise like bulldozer, drills etc.; and
- Reducing the exposure time of workers to the higher noise levels.
- Surface Water and Groundwater Quality
- Stabilization of dumps with plantation;
- · Construction of toe wall and garland drains;
- Re-use of water recovered from processing plant;
- Domestic discharges are treated in septic tanks with soak pits. There
 will not be any impact on surface water quality because of domestic
 discharges;
- There is no discharge from the mine.

Mitigation Measures : ::

- The surface run-off water during rain follows the seasonal nala and natural drainage system. However, check dam will be created across the nala course to arrest the wash-offs and to release clean water outside. There will be no effluent discharge from the mine other than storm water which will be collected through the garland drains and treated in setting ponds before being discharged. Hence, there will be no impact on water quality.
- Through a series of retention wall, garland drain, settling pits and check dams, it is ensured that no silt originating due to mining activity is transported in the surface water course or any other water body. Regular desilting of the settling ponds is being carried out before the monsoon season.

Solid Waste

- To stabilize dumps, toe wall at its base and catch water drains (garland drains) are constructed and connected to the vertical drains and finally connected to check dams at downstream;
- Inactive dumps undertaken for vegetation with suitable plantation



- immediately after the terraces are made and the active dumps are protected from erosion by planting with suitable plant species;
- Geo-textile/coir mat is also opted for the dumps which have adverse conditions like steep slopes;
- Rills and gullies formed on the slopes because of soil erosion during rainy season are treated with check dam;
- Silt de-silted from the check dams and gully plugs at regular intervals and before rainy seasons;
- Drains along the internal roads are being developed and maintained to stop the gully formations along the slope; and
- Road conditions of the mine are being maintained.
- The quantity of waste generated shall be used partly for bench floor leveling, making of new ramps and haul roads etc.

Biological Measures

- For stabilization of sloppy areas, rows of grasses are planted. Tree species are planted on terraces.
- Plantation done on the slope of each terrace as soon as it is completed and a next terrace is started.

Project Benefits:

CSR activities being run by JSW will continue further in various sectors which include:

- Rural/ Community Development;
- Health & Nutrition;
- Water & Sanitation;
- Livelihood & Skill Development; and
- Education & Sports;

JSW has proposed Rs. 315 lakhs under CSR for 2022-24. JSW proposes to participate in various CSR activities and the cost of CSR will be in addition to the cost envisaged for the implementation of the project which included the measures for pollution control, environmental protection and conservation, R&R. Separate fund for CSR will be allocated for implementation of CSR plan.

ENVIRONMENTAL MONITORING PROGRAMME

A detailed post project monitoring in respect of air, water, soil, land use, occupational noise, etc. to assess the changes has been evolved covering various phases of project advancement. A network of sampling locations around the operational facilities has been established and will be further improved. The monitoring shall include the compliances to legal and statutory controls imposed on the operation as well as other corporate commitment to



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responsible environment management. Systems for monitoring resources inputs (energy, chemical use, water, and raw materials), equipment and plant performance and waste generations will also be strengthened apart from the existing operating systems. A detailed waste management plan with monitoring programme will be in place during various phases of activity

ENVIRONMENT MANAGEMENT PLAN

The mine will be supervised and controlled by Mines Manager (MM) supported by adequate team of technically and statutorily qualified personnel apart from the operating staff of skilled, semi-skilled, unskilled and other categories. Implementation of the Environment Management Plan (EMP) will be the responsibility of the environment department consisting of well-qualified professionals who are reporting directly to the Mines Manager.

The environment department will supervise the monitoring of environmental pollution levels viz. ambient air quality, water and effluent quality, noise level either departmentally or by appointing external agencies.

Budgetary Allocation for Environmental Protection

As environmental protection will be monitored and implemented by a centralized environmental management cell, the cost estimates have been arrived for the mining activity.

JSW is proposed to spend a total of Rs.14 Crores towards environmental protection measures during the next five years and the total recurring cost of EMP will be Rs. 2.5 crores respectively.

The Regional officer, SPCB then invited the public to address their views towards the project. The video recording of the meeting was done. Fifty-one (51) nos. of speakers opined their views as mentioned below.

supported the public hearing. He appreciates that the step taken by JSW for appointing 713 numbers of skilled, semi-skilled and unskilled employees. He requested mines authority to take up the matter towards betterment of education facility through establishing an English medium school. He demanded for local employment for the youth as driver & helper in minerals transporting works, utilisation of 40 nos. of SHGs in mines in day to day activity for their livelihood earnings, provision of high mast light (4 nos.) facility with mini transformer for the stadium to enable sports activities in this region.

- 2) Sri Suresh Naik, Koida: Sri Naik supported the mining project and welcome the step taken for 713 nos. of direct and indirect employment. He demanded for adequate control measures towards the environmental protection, take care waste management and tree plantation. He also emphasised about improving education, sports, Infrastructure facility in the locality. He also demande for Preference to be given for SHG for self-development aspect. He given his consent for the mining project.
- 3) Sri Sunu Munda, Debagarh:-Sri Munda has supported the public hearing and welcome the expansion of mine.
- 4) Sri Badal Barik, Gonua: Sri Barik welcome the mining project. He described how the problems were faced by nearby villagers during ex-lease period and local transporters have also suffered a lot during closure of mines. He wanted development of nearby people and local area.
- 5) Sri Ananda Barik, Tehrai:- Sri Barik welcome the mining project and supported the public hearing. He demanded for improvement for education, health and surrounding roads. He described about JSW project expansion, which is inevitable for Koira area. There are four nos. of Railway sidings exists in nearby area, this needs to impart work opportunity for the local transporters. He stated that self-earning facility to be developed through SHGs (Mission Shakti model). He demanded mines authority for regular financial assistance and support for regional cultural activities and local festivals in different seasons.
- 6) Smt. Sujata Naik, Gonua :- Smt. Naik supported the project and mentioned that mining work shall continue and expand for future development.
- 7) Sri Managovinda Patra, Gonua: Sri Patra welcome the project and requested everybody to support the mining expansion project. He demanded employment for the local people, road development, drinking water facility and health facility in the area and ambulance for treatment of villagers.

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- 8) Smt. Binati Naik, Gonua: Smt. Naik welcome the mine expansion project and being engaged in the mines. She extended her supported for the public hearing.
- 9) Smt. Sukumari Mahakud, Gonua: Smt. Mahakud supported for the project and urged others to welcome the project.
- 10) Smt. Binoti Sethy, Gonua:-Smt. Sethy welcome the public hearing and expressed that the mines authority shall continue mining operation by providing the job for the weaker sections.
- 11) Smt. Suchita Sethy, Gonua:-Smt. Sethy supported for the mining project and urged that, mining shall continue for the benefit of this area.
- 12) Smt. Faguni Naik, Gonua: Smt. Naik supported for the mining project and insisted that, mining shall continue by providing job for needy nearby local people.
- 13) Sri Panda Patra, Gonua:- Sri Patra supported for the project and sought for the development of this area.
- 14) Sri Gopal Chandra Naik:- Sri Naik Being a worker of existing mining operation, requested mines authority to consider local unemployed youth for manual working for which their livelihood would be better. He demanded for necessary financial assistance towards local festivals like Asta Prahari Nama Jagyan and worshiping of goddess (social cultural activities). He extend his supported for public hearing.
- 15) Sri Basant Kumar Barik, Sanindpur: Sri Barik welcome the mining project. He suggested the company to construct road widening from Tehrai chowk to Mines road. He demanded for Ambulance, School bus facilities for nearby area and requested Forest Deptt. for eliminating the Elephant menace. He urged for employment of people and local transporter involvement to carry mining transportation. Due to mining activities, ground water depletes and emphasis to be given for conservation of water. He requested for tree plantation for either side of roads, Education and employment as per their qualification. Also, he requested to take siltation control measures during runoff and proper check dam construction before mix up with nearby nallaha.

- 16) SriSahadev Naik, Kalta: Sri Naik welcome the mining project. He stated that JSW company should implement the assurance given during public hearing meeting and committed towards the local area development. He demanded for establishment of ITI for which local youth will be benefitted and became self-reliant for doing technical job in mining sector.
- 17) Sri Laxmi Narayan Jaiswal, Koida:-. Sri Jaiswal welcomes the public hearing. He requested for construction of check dam in Tehrai nallaha for conservation of water and to maintain the ground water table which will be used for cultivation purposes. He demanded for local employment, industrial& mining establishment between Gonua and Koida, so that maximum benefit would be provided for employment. He extend his support for the public hearing.
- 18) Sri Santosh Kumar Sahoo, Kalta: Sri Sahoo welcome all and supported the Public Hearing. He opined about the situation happen after closure of KJS Ahuliwalia mining and people were affected in terms of employment and engagement of local transport system of local people in mining activity. He stated that people should definitely welcome the expansion of JSW company. He requested mines authority for making more plantation with respect to deforestation during mining activity, Mission Shakti initiatives for creation of SHG, environment protection, engagement of local people in transporting and railway siding activities nearby people. He extend his support to the public hearing.
- 19) Smt. Lalita Naik: Smt. Naik welcomes all and extends her support for public hearing. She demanded for basic infrastructures to nearby local community.
- 20) Sri Haldhara Dehury, Kashira:- Sri Dehury welcome the project and requested mines authority to implement and readdress the issues raised by earlier speaker and steps shall be taken for pollution control, plantation, etc. He also stated that periphery development is prime need for the villages and all people are dependent upon mining activities as presently agriculture development is negligible in this area. If anybody lose their land for this mining activities, they shall well compensate as per rules. He

demanded for compensation for land loosers, improving the road condition due to movement of heavy vehicles during mineral transportation, employment for local youth and drinking water facility for the villagers. He supported the public hearing.

- 21) Smt. Sunaphula Mahakud, Deoghar: Smt. Mahakud welcome the mining expansion project and requested mines authority to provide job work as per revised wages. She supported for the public hearing.
- 22) Sri Prabhat Patra, Koida: Sri Patra welcome all and supported the public hearing. He stated that the demand raised by local people shall be fulfilled in priority and activity shall be implemented as per data provided in the EIA report.
- 23) Sri Sushant Kumar Mahakud, Koira:-Sri Mahakud expressed his concern about local employment and demanded for employment of trained persons in mining activities, transporter &contractor of nearby people shall be benefitted, establishment of dispensary in the locality with good doctor, adequate facility of education, provision of English medium school (primary level) with adequate school bus for local children and village Puja Mandap (Pavilion) with boundary wall construction.
- 24) Sri Kapila Naik, Gonua :-Sri Naik welcome the mining project and requested that all the local villagers to support for the mining project.
- 25) Sri Chhatish Kumar Barik, Gonua:- Sri Barik supported the project with expectation that local areas will develop by JSW steel company.
- 26) Smt. Sushila Munda, Koira (Ka):- Smt. Munda welcome the hearing and urged to provide adequate drinking water facility for the villagers, opportunity for the transporters through nearby Railway sidings. She extend her support for the public hearing.
- 27) Smt. Sarojini Patra, Gonua:- Smt. Patra extend hersupport for the public hearing.
- 28) Sri Ashutosh Sinha, Malda: Sri Sinha welcome the mining project expansion. He demanded for up gradation up to Mini stadium of Malda village playground for encouraging the sports activities in the area, improved medical facility in Malda region. He also extend his support to the public hearing.

- 29) Sri Ranjit Kumar Naik, Gonua:-He supported for the JSW mining expansion project. He stated tha the demand given by earlier speaker needs to be fulfilled by the mines authority for the development of this area.
- 30) Sri Laxman Munda, M.L.A., Bonai: Hon'ble Sri Munda welcome the project and has given his support for the public hearing. He requested mines authority for maintaining waste management system due to mining activities, Forest conservation by planting more trees, Employment opportunity to the local people, facilitating local transporters for transporting of minerals, establishment of stadium for promoting sports as well as cultural activities in the region. He urged for a English medium school and financial assistance for temple construction/cultural festivals of local area and local employment. He stated that assurance was given earlier to control air and water pollution but its implementation shall be verified by the District Administration and State Pollution Control Board. He supported for the project and requested people also to support for the same.
- 31) Sri Ghanashyam Naik, Gonua:- He expressed that mining is important than agriculture in the region. He supported for the hearing and urged that mine expansion shall give them all development in this area.
- 32) Sri Charan Behera, Gonua: Sri Behera supported for the mining expansion project and requested District Administration to support the mines for expansion proposal. He demanded mines authority to renovate the Lord Jaganath temple at an earliest if possible within one year.
- 33) Sri Akshay Kumar Barik, Gonua:- Sri Barik welcome all and supported the Public Hearing. He requested mines authority to provide local employment &preference to local transporters. He expressed that the local youth shall be encouraged for various sports and cricket. He demanded for Four nos. of high mast light in the existing sports ground for which day & night match can be performed, infrastructure development like toilet facility and bore well repairing works for the sports ground.
- 34) Sri Jogeswara Patra, Gonua:- Sri Patra supported the public hearing for the mine expansion project.

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- 35) Sri Santosh Dehury, Kashira:- Sri Dehury welcome the project and expressed about the civil work associated to mining activities shall prioritized to local contractor.
- 36) Sri Abhi Naik, Nuagaon: Sri Naik supported the public hearing and requested for medical health facility for 24-hour service basis so that nearby local people will benefit.
- 37) Sri Kulamani Patra, Gonua: Sri Patra welcome the mining project. He demanded for network facility tower for better communication, improvement of road and infrastructure and establishment of "Goushala". He supported the public hearing.
- 38) Sri Sanjit Kumar Barik, Gonua: Sri Barik welcome and supported the public hearing.
- 39) Sri Kanhei Behera: Sri Behewelcome and supported the public hearing.
- 40) Sri Rath Munda: Sri Munda supported for the public hearing for the establishment of mining project in this area.
- 41) Sri Baidhav Naik :- Sri Naik welcome the project and supported the public hearing.
- 42) Sri Sugriba Patra :- Sri Patra welcome the project and supported the hearing.
- 43) Sri Narotam Naik, Gonua:-Sri Naik welcome the hearing and supported for the upcoming project.
- 44) Sri Ghanashyam Patra, Pattamunda:-Sri Patra welcomes all and expressed about his concern for providing 713 nos. of employment by JSW company. He requested mines authority to upgrade nearby CHC at Koira by adding more 5 to 7nos. of beds in the hospital and ultrasound facility at the CHC. He supported the public hearing.
- 45)Sri Sadhu Naik, Gonua :- Sri Naik supported the public hearing and welcome the project. He urged that the assurance given by JSW company shall fulfil and if the mines authority succeed they will definitely become the role model in the area.
- 46)Sri Bijaya Kumar Patra, Koida:-Sri Patra welcome the project and given his support for the hearing.

- 47) Sri Sudhir Patra, Gonua:- Sri Patra extends his support for public hearing.

 He works under contract basis and urged for regular employment from JSW.
- 48) Sri Santosh Kumar Barik, Tehrai: Sri Barik welcomes all and extends his support for the public hearing.
- 49) Smt. Bhani Naik, Gonua:- Smt. Naik welcome all the public hearing for development of this area and extends her support for public hearing for development of local area.
- 50) Smt. Basanti Naik, Gonua: Smt. Naik welcomes the project and given support for in the public hearing.
- 51) Sri Chanda Naik, Gonua: Sri Naik welcome the mining project and described about the several development made by JSW company. He requested mines authority to pay right wages and other assistances to laborers, development of roads and better facilities for better livelihood. He extend his support for public hearing.

The Regional Officer and Senior Environment Scientist summarised on the issues raised by the public and requested M/s JSW Steel Ltd., to explain on the issues. Sri Biswaranjan Kumar Padhi, Vice president (Mining operation) responded and 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. Additional District Magistrate, Sundargarh gave closing remarks and the meeting was concluded with expression of thanks to the chair.

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Senior Environment Scientist and Regional Officer
State Pollution Control Board, Odisha,
Regional Office, Rourkela

Serie Folia, Folias († 105). 18. Metriel A Addl. Dist. Magistrate Sundargarh, Odisha District Magistrate Sundargarh EXECUTIVE SUMMARY OF PUBLIC CONSULTATION (HEARING) OF GONUA IRON ORE MINES OF M/S JSW STEEL LIMITED, HELD ON DATED 18.05.2022 (10.00AM) AT FOOTBALL GROUND OF GONUA VILLAGE, UNDER KOIRA BLOCK OF SUNDARGARH DIST. (ODISHA)

SI. No.	Issues raised by Public	Comments of the Project Authority
1	Environment:	
	Waste management (OB dump stabilisation and its control) and	Company will construct garland drain and siltation pond as per Environment management plan. Proper
	domestic waste controlling.	control system of retaining walls around OB dump
	Check dam and siltation pond	will be provided by the mines authority. Similarly, for
	Control of dust Pollution in mines	domestic waste management in nearby villages,
	and on the roads due to truck	company has already provided waste bins for
	transportation.	segregation and disposal of wastes. Further
	Tree Plantation to check pollution	improvement would be taken by mines authority as
	and trees in both Sides of road in	per direction of State Pollution Control Board.
	nearby roads.	Water sprinkling system in haulage road to be
:		carried out by mines authority. Dust suppression
	e tree generalisen	system at crushers and other mining activities to be
	enima kanananan	improved.
	the programme of the	Adequate step to be taken for bench plantation in an
		area of about 17.008 Ha. For Road side plantation
	that they are the second	and steps to be taken by mines authority in
	g given have the second of the	consultation with Forest & Environment department,
	de region	Govt. of Odisha.
2.	Local Employment:	
	Self-sustaining approach through	Continue support for the nearby SHGs are there and
	Self-help groups (SHGs) in	necessary assistance given through CSR initiatives
	nearby region.	for their livelihood. Skill development training,
	Employment of local people in the	tailoring and other works were imparted.
	company on priority basis and	Employment to be given as per the skill and
	employment to local educated	qualification. Local public will be given priority for
	youth as per their qualifications.	employment.
3.	Peripheral Development	
	a) Education:	Support for the School infrastructure and necessary
	Emphasize on education	assistance for betterment of school to be made. Bus
	Establishment of English	facility would be given to nearby English medium
	medium school	school. Further development as per recommendation of



	school & village committee would be made.	
b) Road Development:	The matter to be taken up through Govt. authority for	
Connecting road	the improvement on road condition and its	
enlargement	maintenance.	
Mines road improvement		
c) Supply of drinking water	Company will provide drinking water facilities through	
facility	bore well with Syntax tank as per requirement in co-	
en e	ordination with village committees. Also facilitate water	
	tanker in regular manner through CSR activities.	
d) Health and medical facility:	Company is going to provide ambulance for the	
	emergency medical treatment and would set up one	
	dispensary with free medicine facility for the villagers.	
3 - 224 - 1	Assistance of paramedical staff, pharmacist, testing	
	facility for common need can be fulfilled. Regular health	
	camp for the nearby village area to be taken up.	
e) Social cultural activity & As per the request of village committee, assistance		
temple construction:	the cultural activity & temple construction would be	
	taken.	
f) School bus facility:	Company will provide school bus for the students of	
	nearby villages through CSR activities.	
g) Preference of mineral	Mines authority has assured that the mineral	
transporting work for the transporting works through local transporters		
local transporters.	Further improvement in the mining operation	
र देख्या (त	implementation will be taken care by mines authority.	
h) Plantation	Company is going to take up mine plantation activity as	
14	well as periphery green belt development in co-	
	ordination with Forest department and village	
	committee.	
i) Ultrasound facility and	In consultation with State health department, the facility	
increase of beds in nearby	in nearby CHC would take up.	
CHC CHC		
j) Road widening from Teheral	As per the request of village committee and Road	
chowk to Mines road	construction authorities, support to be given for road	
	repair and widening activity.	
	Initially, company will promote and give support for the	
	sports talents to get training and facilitate with all sorts	
at Malda for encouraging	of expenditure during training. As per the feasibility and	
sports activity	in consultation with Dist. Administration authority,	

	establishment of mini-stadium would be explored.
l) Gram puja mandap (Pavilion)	As per periphery development activity, construction of
with boundary wall	boundary wall for Puja Mandap would be taken up.
construction	
m) Mobile Network issue	During the course of mining activities, network support
	with 4g facility would be required and by taking up the
	matter with network providers, it will be strengthen for
	the area.
n) Establishment of ITI	Matter would be taken up as per the advice of Govt.
	department to facilitate and establishment of ITI in the
	area.
o) High mast light in existing	Matter is undertaken to install 4 nos. of high mast lights
sports ground	in the sports ground.
p) Establishment of Cattle shelter/	Necessary support/assistance would be given for needy
"Goushala"	and the shelter at common place does not fulfil to take
	care the animals. Outlay for Bamboo or localised made
	shelter for the animals can be provided.
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(Biswaronjan Kumphathi)

Vice President (Mining operations) JSW Steel Limited

Biswaranjan Kumar Padhi
Vice President (Mines Operation), JSW Steel Limited

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Senior Environment Scientist and Regional Officer State Pollution Control Board, Odisha, Regional Office, Rourkela

Regional Officer
State Pollution Central Board Officha

Addl. Dist. Magistrate Sundargarh, Odisha

Addl. District Magistrate Sundargarh

ମେସର୍ସ ଜେଏସଡୋବଲୁଏ ଷ୍ଟିଲ୍ ଲିମିଟେଡ୍ ର ଗୋଣୁଆ ଆଇରନ୍ ଏବଂ ମାଙ୍ଗାନିଜ ଖଣିର ପ୍ରସ୍ତାବିତ ପ୍ରକଳ୍ପ ର ଜନ ପରାମର୍ଶ (ଶୁଣାଣି) ର କାର୍ଯ୍ୟନିର୍ବାହୀ ସାରାଂଶ ।

୍ଥାନ: ସୁନ୍ଦରଗଡ଼ ଜିଲ୍ଲା କୋଇଡା ବ୍ଲକ ଅନ୍ତର୍ଗତ ଗୋଣୁଆ ଗ୍ରାମ ର ଫୁଟବଲ ଖେଳ ପଡିଆ । ତାରିଖ: ୧୮-୦୫-୨୦୨୨(ଦିବା ୧୦:୦୦ ଘଟିକା)

ସଂଖ୍ୟା.	ଜନସାଧାରଣଙ୍କ ଦ୍ୱାରା ଉଠାଯାଇଥିବା ପ୍ରସଙ୍ଗଗୁଡିକ	ପ୍ରକଳ୍ପ ଅଧିକାରୀଙ୍କ ମନ୍ତବ୍ୟ
9.	ପରିବେଶ:	 ପରିବେଶ ପରିଚାଳନା ଯୋଜନା ଅନୁଯାୟୀ ନାଳ ଏବଂ ସିଲଟେସନ୍ ପୋଖରୀ ନିର୍ମାଣ କରାଯିବ ।
	 ନିକଟବର୍ତ୍ତୀ ଅଞ୍ଚଳରେ ସ୍ୱୟଂ ସହାୟକ ଗୋଷ୍ଠୀ (SHGs) ମାଧ୍ୟମରେ ଆତ୍ମନିର୍ଭରଶୀଳ ଆଭିମୁଖ୍ୟ । ପ୍ରାଥମିକତା ଭିତ୍ତିରେ କମ୍ପାନୀରେ ସ୍ଥାନୀୟ ଲୋକଙ୍କର ନିଯୁକ୍ତି ଏବଂ ଯୋଗ୍ୟତା ଅନୁଯାୟୀ ସ୍ଥାନୀୟ ଶିକ୍ଷିତ ଯୁବକମାନଙ୍କୁ ନିଯୁକ୍ତି । 	 ନିକଟସ୍ଥ SHG ଗୁଡ଼ିକ ପାଇଁ ସମର୍ଥନ ଜାରି ରଖନ୍ତୁ ଏବଂ ସେମାନଙ୍କ ଜୀବିକା ପାଇଁ CSR ମାଧ୍ୟମରେ ଆବଶ୍ୟକ ସହାୟତା । ଦକ୍ଷତା ବିକାଶ ତାଲିମ, ଟେଲରିଂ ଏବଂ ଅନ୍ୟାନ୍ୟ କାର୍ଯ୍ୟଗୁଡ଼ିକ ସରକାରୀ କର୍ତ୍ତପକ୍ଷଙ୍କ ସହ ସମନ୍ୟରେ ପ୍ରଦାନ କରାଯାଇଥିଲା । ଦକ୍ଷତା ଏବଂ ଯୋଗ୍ୟତା ଅନୁଯାୟୀ ନିଯୁକ୍ତି ସୂଯୋଗର ବ୍ୟବସ୍ଥା ରହିବ । ରୋଜଗାର ପାଇଁ
গ	ପାରିପାର୍ଷିକ ବିକାଶ :	ସ୍ଥାନୀୟ ଜନସାଧାରଣଙ୍କୁ ପ୍ରାଥମିକତା ଦିଆଯିବ ।

କ) ଶିକ୍ଷା: • ଶିକ୍ଷା ଉପରେ ଗୁରୁତ୍ୱ ଦିଅନ୍ତୁ । • ଇଂରାଜୀ ମାଧ୍ୟମ ବିଦ୍ୟାଳୟ ପ୍ରତିଷ୍ଠା ।	ବିଦ୍ୟାଳୟର ଭିଭିଭୂମି ପାଇଁ ସହାୟତା ଏବଂ ବିଦ୍ୟାଳୟର ଭକ୍ନତି ପାଇଁ ଆହଶ୍ୟକ ସହାୟତା ନିକଟସ୍ଥ ଇଂରାଜୀ ମଧ୍ୟମ ବିଦ୍ୟାଳୟକୁ ବସ୍ ସୁବିଧା ଦିଆଯିବ ବିଦ୍ୟାଳୟ ଏବଂ ଗ୍ରାମ କମିଟିର ସୁପାରିଶ ଅନୁଯାୟୀ ଅଧିକ ବିକାଶ କରାଯିବ
ଖ) ସଡକ ବିକାଶ: • ସଂଯୋଗ ସଡକକୁ ବିସ୍ତାର କରିବା । • ଖଣି ରାସ୍ତାର ଉନ୍ନତି ।	ସରକାରୀ ଅଧିକାରୀଙ୍କ ଜରିଆରେ ସଡକ ସ୍ଥିତିର ଉନ୍ନତି ଏବଂ ଏହାର ରକ୍ଷଣାବେକ୍ଷଣ ପାଇଁ ପଦକ୍ଷେପ ନିଆଯିବ ।
 ଗ) ପାନୀୟ ଜଳ ଯୋଗାଣ । ପାଟାମୁଣ୍ଡା ରୁ କୋଇଡା ପର୍ଯ୍ୟନ୍ତ ପକ୍କା ରାସ୍ତାର ନିର୍ମାଣ ।	ଗ୍ରାମ କମିଟିଗୁଡିକର ସମବ୍ୟରେ ଆବଶ୍ୟକତା ଅନୁଯାୟୀ କମ୍ପାନୀ ସିଣ୍ଟାକ୍ସ ଟ୍ୟାଙ୍କ ସହିତ ବୋରୱେଲ ମାଧ୍ୟମରେ ପାନୀୟ ଜଳ ସୁବିଧା ଯୋଗାଇବ । CSR କାର୍ଯ୍ୟ ମାଧ୍ୟମରେ ନିୟମିତ ୱାଟର ଟ୍ୟାଙ୍କର୍ ପାଇଁ ମଧ୍ୟ ସୁବିଧା କରାଯିବ ।
ଘ) ସ୍ୱାସ୍ଥ୍ୟ ଏବଂ ଚିକିତ୍ସା ସୁବିଧା:	ଜରୁରୀକାଳୀନ ଚିକିତ୍ସା ପାଇଁ କମ୍ପାନୀ ଆମ୍ଭୁଲାକ୍ସ ଯୋଗାଇବାକୁ ଯାଉଛି ଏବଂ ଗ୍ରାମବାସୀଙ୍କ ପାଇଁ ମାଗଣା ଔଷଧ ସୁବିଧା ସହିତ ଗୋଟିଏ ଡିସପେନସାରୀ ସ୍ଥାପନ କରିବ । ସାଧାରଣ ଆବଶ୍ୟକତା ପାଇଁ ପାରାମେଡିକାଲ୍ କର୍ମଚାରୀ, ଫାର୍ମାସିଷ୍ଟ, ପରୀକ୍ଷା ସୁବିଧା ପୂରଣ ହୋଇପାରିବ । ନିକଟସ୍ଥ ଗାଁ ଅଞ୍ଚଳ ପାଇଁ ନିୟମିତ ସ୍ୱାସ୍ଥ୍ୟ ଶିବିର ନିଆଯିବ ।
ତ) ସାମାଜିକ ସାଂସ୍କୃତିକ କାର୍ଯ୍ୟକଳାପ ଏବଂ ମନ୍ଦିର ନିର୍ମାଣ: ଚ) ବିଦ୍ୟାଳୟ ବସ୍ ସୁବିଧା:	ଗ୍ରାମ କମିଟିର ଅନୁରୋଧ ଅନୁଯାୟୀ ସାଂସ୍କୃତିକ କାର୍ଯ୍ୟକଳାପ ଏବଂ ମନ୍ଦିର ନିର୍ମାଣ ପାଇଁ ସହାୟତା ଡିଆଯିବ । କମ୍ପାନୀ CSR କାର୍ଯ୍ୟକଳାପ ମାଧ୍ୟମରେ ନିକଟସ୍ଥ ଗାଁର
ଛ) ସ୍ଥାନ୍ତୀୟ ପରିବହନକାରୀଙ୍କ ପାଇଁ ଖଣିଜ ପରିବହନ କାର୍ଯ୍ୟର ଅଗ୍ରାଧିକାର ।	ଛାତ୍ରମାନଙ୍କ ପାଇଁ ସ୍କୁଲ ବସ୍ ଯୋଗାଇବ । ସ୍ଥାନୀୟ ପରିବହନକାରୀଙ୍କ ମାଧ୍ୟମରେ ଖଣିଜ ପରିବହନ କାର୍ଯ୍ୟକୁ ଅଗ୍ରାଧିକାର ଦିଆଯାଏ । ଅଧିକନ୍ତୁ, ଯତ୍ନ ନେବାକୁ ସିଷ୍ଟମ୍ କାର୍ଯ୍ୟାବ୍ୟନରେ ଉନ୍ନତି ।
ଜ) ବୃକ୍ଷରୋପଣ ।	ବନ ବିଭାଗ ଏବଂ ଗ୍ରାମ କମିଟି ସହ ସମନ୍ୟ ରକ୍ଷା କରି କମ୍ପାନୀ ଖଣି ବୃକ୍ଷରୋପଣ କାର୍ଯ୍ୟ କରିବା ସହିତ ପରିପାର୍ଶ୍ୱିକ ସବୁଜ ବଳୟ ବିକାଶ କାର୍ଯ୍ୟ କରିବାକୁ ଯାଉଛି ।
 ଝ) ଅଲଟ୍ରାସାଉଣ୍ଡ ସୁବିଧା ଏବଂ ନିକଟସ୍ଥ CHC ରେ ଶଯ୍ୟା ବୃଦ୍ଧି । ଞ) ତେହେରାଇ ଛକରୁ ଖଣି ପର୍ଯ୍ୟନ୍ତ ରାସ୍ତା ପ୍ରଶସ୍ତ ।	ରାଜ୍ୟ ସ୍ୱାସ୍ଥ୍ୟ ବିଭାଗ ସହିତ ପରାମର୍ଶ କରି ନିକଟସ୍ଥ CHC ରେ ଏହି ସୁବିଧା ଡିଆଯିବ । ଗ୍ରାମ କମିଟି ଏବଂ ସଡକ ନିର୍ମାଣ କର୍ଡ଼ପକ୍ଷଙ୍କ ଅନୁରୋଧ ଅନୁଯାୟୀ ରାୟା ମରାମ୍ରତି ଏବଂ ପ୍ରଶୟିକରଣ କାର୍ଯ୍ୟ ପାଇଁ
ଟ) କ୍ରୀଡ଼ା କାର୍ଯ୍ୟକଳାପକୁ ଉତ୍ସାହିତ କରିବା ପାଇଁ ବିଦ୍ୟମାନ ମାଲଦା ଗ୍ରାମ ଖେଳ ପଡିଆକୁ ମିନ୍ଦି ଷ୍ଟାଡିୟମରେ ପରିଶତ କରିବା ।	ସହାୟତା ପ୍ରଦାନ କରାଯିବ । ପ୍ରାରୟରେ, କମ୍ପାନୀ ତାଲିମ ପାଇବାକୁ ଏବଂ ତାଲିମ ସମୟରେ ସମଞ୍ଚ ପ୍ରକାର ଖର୍ଚ୍ଚ ସହ ସହଜ ହେବା ପାଇଁ କ୍ରୀଡ଼ା ପ୍ରତିଭାମାନଙ୍କୁ ପ୍ରୋତ୍ସାହନ ଏବଂ ସମର୍ଥନ ପ୍ରଦାନ କରିବ । ସମ୍ଭାବ୍ୟତା ଅନୁଯାୟୀ ଏବଂ ଜିଲ୍ଲା ପ୍ରଶାସନ ପରାମର୍ଶରେ କର୍ତ୍ତପକ୍ଷ, ମିନି ଷ୍ଟାଡିୟମର ପ୍ରତିଷ୍ଟା ଅନୁସନ୍ଧାନ କରିବେ ।
ଠ) ପ୍ରାଚୀର ସୀମା ସହିତ ଗ୍ରାମ ପୂଜା ମଣ୍ଡପ (ପାଭିଲିୟନ୍) ନିର୍ମାଣ ।	ପାରିପାର୍ଶ୍ୱିକ ବିକାଶ କାର୍ଯ୍ୟକଳାପ ଅନୁଯାୟୀ ପୂଜା ମଣ୍ଡମ ପାଇଁ ସୀମା ପ୍ରାଚୀର ନିର୍ମାଣ କାର୍ଯ୍ୟ ନିଆଯିବ ।

ଡ) ମୋବାଇଲ୍ ନେଟୱାର୍କ ସମସ୍ୟା ।	ଖଣି କାର୍ଯ୍ୟକଳାପ ସମୟରେ, 4G ସୁବିଧା ସହିତ ନେଟୱାର୍କ ସହାୟତା ଆବଶ୍ୟକ ହେବ ଏବଂ ନେଟୱାର୍କ୍ ପ୍ରଦାନକାରୀଙ୍କ
	ସହିତ ଏହାକୁ ଗ୍ରହଣ କରି ଏହା କ୍ଷେତ୍ର ପାଇଁ ମଜବୁତ ହେବ
ଢ) ।T। ପ୍ରତିଷ୍ଠା ।	ଏହି ଅଞ୍ଚଳରେ ।T। ପ୍ରତିଷ୍ଠା ପାଇଁ ସରକାରଙ୍କ ବିଭାଗ ପରାମର୍ଶ ଅନୁଯାୟୀ ମାମଲା ଗ୍ରହଣ କରାଯିବ ।
ଶ) ବିଦ୍ୟମାନ କ୍ରୀତା ପଡ଼ିଆରେ ଉଚ୍ଚ ମାଷ୍ଟର ଆଲୋକ ।	କ୍ରୀତା ପଡ଼ିଆରେ 4 ଟି ନୟର ଉଚ୍ଚ ମାଷ୍ଟ୍ ଲାଇଟ୍ ସଂସ୍ଥାପନ ପାଇଁ କାର୍ଯ୍ୟ କରାଯିବ ।
ତ) ଗୋରୁ ଆଶ୍ରୟସ୍ଥଳ / "ଗୋଶାଲା" ପ୍ରତିଷ୍ଠା ।	ଅଭାବୀ ବ୍ୟକ୍ତିଙ୍କ ପାଇଁ ଆବଶ୍ୟକ ସହାୟତା / ସହାୟତା ଦିଆଯିବ ଏବଂ ସାଧାରଣ ସ୍ଥାନରେ ଥିବା ଆଶ୍ରୟସ୍ଥଳ ପଶୁମାନଙ୍କର ଯତ୍ନ ନେବା ପାଇଁ ପୂରଣ ହୁଏ ନାହିଁ । ବାଉଁଶ ପାଇଁ ଆଉଟଲେ କିୟା ପଶୁମାନଙ୍କ ପାଇଁ ସ୍ଥାନୀୟ ନିର୍ମିତ ଆଶ୍ରୟସ୍ଥଳ ଯୋଗାଇ ଦିଆଯାଇପାରେ ।



Vice President
(Mining operations)
JSW Steel Limited

ବିଶ୍ୱରଂଜନ କୁମାର ପାଢ଼ୀ ଅଧିକାରୀ (ମାଇକ୍ସ ଅପରେସନ୍), JSW ଷ୍ଟିଲ୍ ଲିମିଟେଡ୍ ।

क्रियटक्रीऽ। टाब

ଆଞ୍ଚଳିକ ଅଧିକାରୀ, ଓଡିଶା ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତ୍ରଣ ବୋର୍ଡ, ରାଉରକେଲା

Regional Officer
State Pollution Control George ROUP/FE/C

ଅତିରିକ୍ତ ଜିଲ୍ଲାପାଳ, ସୁନ୍ଦରଗଡ, ଓଡିଶା

Addl. District Magistrate Sundargarh



ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତଣ ବୋର୍ଡ, ଓଡ଼ିଶା



(ଜଙ୍ଗଲ, ପରିବେଶ ଓ ଜଳବାୟୁ ପରିବର୍ତ୍ତନ, ଓଡ଼ିଶା ସରକାର) ପରିବେଶ ଭବନ, ଏ/୧୧୮, ନୀଳକଶନଗର, ୟୁନିଟ୍-୮, ଭୁବନେଶର-୭ ୫୧୦୧୨

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ବିଞ୍ଜାପନ

ତାରିଖ:୧୬.୦୪.୨୨

CAD-207 : ଏତହାରା ସମସ୍ତଙ୍କ ଅବଗତି ନିମନ୍ତେ କଣାଇ ଦିଆଯାଉଅଛି ଯେ ମେସର୍ସ କେ.ଏସ୍.ଡବ୍ୟୁ ଷ୍ଟିଇ୍ ଲିମିଟେଡ୍ ଓଡ଼ିଶାର ସୁନ୍ଦରଗଡ଼ ଜିଲ୍ଲା, କୋଇଡ଼ା ତହସିଲ ଅନ୍ତର୍ଗତ ପାଟବେଡ଼ା ଏବଂ ଗୋଣୁଆ ଗ୍ରାମରେ ୮୮.୫୧୬ ହେକୃର (ଡ଼ି.ଜି.ପି. ଏସ୍ ଅନୁଯାଇ)/୮୬.୮୮୬ ହେକୃର (ଆର.ଓ.ଆର ଅନୁଯାଇ) ପରିମିତି ଅଞ୍ଚଳରେ ସ୍ଥିତ ଗୋଣୁଆ ଲୌହ ଖଣିର ମୋଟ ୩.୪୦୮୬ ଏମ୍.ଟି.ପି.ଏ (ଆର୍.ଓ.ଏମ୍.୨.୯୯ ଏମ୍.ଟି.ପି.ଏ + ଓବି/ଏସ୍ବି/ଆଇବି ୦.୪୧୮୬ ଏମ୍.ଟି.ପି.ଏ) ଖନନ ସହିତ ସ୍ଥିନିଂ, କ୍ରସିଂ ୧୦୦୦ ଟିପିଏଡ୍ ସେଂଟ୍ରାଲ ପ୍ରୋସେସିଂ ୟୁନିଟ୍ (ସିପିଣ୍ଡ) ସ୍ଥାପନ କରିବା ନିମନ୍ତେ ରାଜ୍ୟ ପରିବେଶ ପ୍ରଭାବ ମୁଲ୍ୟାଙ୍କନ କର୍ତ୍କପକ୍ଷ (State Environment Impact Assessment Authority) ଓଡ଼ିଶା ଦ୍ୱାରୀ ପରିବେଶୀୟ ମଖୁରା ନିମନ୍ତେ ଆବଶ୍ୟକ ପଡ଼ଥବା ସବସାଧାରଣ ଶୁଣାଣା ନିମନ୍ତେ ଓଡ଼ିଶା ପ୍ରତ୍ୟର ନିୟନ୍ତଣ ବୋଡ଼ିଶ୍ର ଆବେଂଦନ୍ତ କରିଛନ୍ତି ।

ଭାରତ ସରକାର ପରିବେଶ, ଜଙ୍ଗଲ ଏବଂ ଜଳବାୟୁ ପରିବର୍ତ୍ତନ ମନ୍ତଶାଳୟର ପରିବେଶାଁୟ ମଖୁରି ନିର୍ମିତ ଅଧିସୂରତା ସଂଖ୍ୟା ଏସ୍.ଓ. ୧୫୩୩ (ଇ), ତା.୧୪.୯.୨୦୦୬ ଅନୁଯାୟା ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତଣ ବୋର୍ଡ, ଓଡ଼ିଶା, ଭୁବନେଶ୍ୱରକୁ ସର୍ବସାଧାରଣ ଶୁଣାଣି କରିବାର ଛମତା ପ୍ରଦାନ କରିଛନ୍ତି । ଏଥିନିମନ୍ତେ ବୋର୍ଡ, ସର୍ବସାଧାରଣ୍ଡଙ୍କୁ ଶୁନେତ ପ୍ରକୃତ ଅଧିବାସୀ, ପରିବେଶୀୟ ସଂସ୍ଥା ଏବଂ ପ୍ରସ୍ତାବିତ ପ୍ରକଳ୍ପ ସାଘନ ହେଉଥିବା ସ୍ଥାନନ୍ତର ଜନବର୍ଗ, ପ୍ରକଳ୍ପ ଯୋଗୁଁ ଭୁତିହୁକ୍ତ ହେଉଥିବା ବାସିଦାମନଙ୍କଠାରୁ ପ୍ରକଳ୍ପ ସ୍ଥାପନ ଯୋଗୁଁ ପରିବେଶୀୟ ପ୍ରଭାବ ସମ୍ପୁଷ୍ଟୀୟ ପ୍ରସ୍ତାବ, ମତାମତ, ମନ୍ତବ୍ୟ ଓ ଆପରି ପତ୍ର ଆହାନ କରୁଛନ୍ତି । ଏଥିନିମିଇ ବ୍ୟକ୍ତିର ଅର୍ଥ କେବଳ ନିମୁମ୍ନତେ ବୁଝାଯାଉଛି :

(କ) ପରିକେଶୀୟ ମଞ୍ଜରି ହାରା ପ୍ରଭାବିତ ହେଇଥିବା ବା ହେବାକୁ ଥବା ଯେକୌଣସି ବ୍ୟନ୍ତି ।

(ଖ) ପ୍ରକଳ୍ପ ସମ୍ବହିତ ପରିବେଶୀୟ ମଞ୍ଜୁରି ପାଇଁ ଆଇଜ ଦରଖାସ୍ତି ପରିପ୍ରେୟୀରେ ତହିଁ ଉପରେ କର୍ଡ଼ବ ଜାହିର କରିପାରୁଥିବା କୌଣସି ବ୍ୟକ୍ତିବିଶେଷ ।

(ଗ) ପରିବେଶ କ୍ଷେତ୍ରରେ କାର୍ଯ୍ୟ କରୁଥିବା କିମ୍ବା/ଏବଂ ପ୍ରଥାବିତ ପ୍ରକଳ୍ପ ହାରା ପ୍ରଭାବିତ ହେଉଥିବା (ପଞ୍ଜିକୃତ ବା ଅଣ୍ଡପଞ୍ଜିକୃତ) ଯେକୌଣସି ବ୍ୟକ୍ତି ସମୂହଙ୍କ ସଂସ୍କ ।

(ଘ) ପ୍ରୟାଦିତ ପ୍ରକଳ୍ପର ସ୍ଥାନୀୟ ସାମାଭୁକ୍ତ ନିକଟବର୍ତ୍ତୀ ଅଞ୍ଚଳର ସେକୌଣସି ସ୍ଥାନୀୟ କୃତ୍ତିପକ୍ଷ ।

ଭପରୋକ୍ତ ବ୍ୟକ୍ତିମାନେ ସେମାନଙ୍କର ପ୍ରଥାବ, ମତାମତ, ମନ୍ତବ୍ୟ ଏବଂ ଆପରି ଇତ୍ୟାଦିକୁ ସବସ୍ୟ ସଚିବ, ରାଜ୍ୟ ପ୍ରଦୁଷଣ ନିଯନ୍ତଣ ବୋଡ଼, ଓଡ଼ିଶାଙ୍କୁ ଲିଖିଡ ଆଜାରରେ ଏହି ବିଞ୍ଚାପନ ପ୍ରକାଶନର ୩୦ ଦିନ ମଧ୍ୟରେ ରେଳେଷ୍ଟ୍ରି ଡାକସୋଗେ ଜଣାଇପାରିବେ । ଏହାଛଡ଼ା ଉକ୍ତ ପ୍ରଥାବିତ ପ୍ରଦ୍ଧନ୍ଧ ଉପରେ ଲିଖିଡ ବା ମୌଖିକ ଭାବେ ମତାମତ ବେବା ପାଇଁ ଇତ୍ଲକ ବ୍ୟକ୍ତିମାନେ ଡା.୧୮.୦୫.୨୦୨୨ରିଖ ଦିବା ୧୦:୨୦ ଘଟିଳା ସମୟରେ ସୁହରଗଡ ଜିଲ୍ଲା, କୋଲଡ଼ା ଡହସିଲ ଅନ୍ତର୍ଗତ ଗୋଣୁଆ ଗ୍ରାମଣ୍ଟିତ ଫୁଟିବଲ ଖେଳପଡ଼ିଆ ଠାରେ ଧାର୍ଯ୍ୟ ସ୍ୱବସାଧାରଣ ଶୁଣାଣୀ ସମୟରେ ମଧ୍ୟ ଉପସ୍ଥାପନ କରିପାରିବେ । ଉକ୍ତ ସର୍ବସାଧାରଣ ଶୁଣାଣୀ କଠାର ଭାବରେ ଭାରତ ସରକାରଙ୍କ ପରିବେଶ, ଜଙ୍ଗଲ ଏବଂ ଜଳବାଣ୍ଡ ପରିବର୍ତ୍ତନ ମନ୍ତଶାଳୟ ଦ୍ୱାରା ପ୍ରଦ୍ଦର Covid-19 ମହାମାରୀ ପ୍ରତିବନ୍ଧକ ମାର୍ଗବର୍ଣିକା ନଂ ୨୨-୨୫/A.III, ତାଠ ୧୬.୨୦୨୧ରିଖ ତଥା ଓଡ଼ିଶା ସରକାରଙ୍କ ଅନୁଯାୟା କାର୍ଯ୍ୟକାରୀ କରାଯିବ ।

ପ୍ରଥାବିତ ପ୍ରକଳ୍ପ ବିଷୟରେ ବିଶଦ ଭାବରେ ଜାଣିବା ପାଇଁ ପରିବେଶୀୟ ପ୍ରଭାବ ମୂଲ୍ୟାୟନ ବିବରଣୀ (Environmental Impact Assessment) ଏବଂ ଏହାର ନିର୍ବାହୀ ସାରାଂଶ (Executive Summary) ଓଡ଼ିଆ ଏବଂ ଇଂରାଜୀ ଭାଷାରେ ନିମ୍ପଲିଖିତ ସ୍ଥାନମାନଙ୍କରେ ମିଳିପାରିବ ।

୧. ଜିଲ୍ଲାପାଳଙ୍କ କାର୍ଯ୍ୟାଳୟ, ପୁଦରଗଡ ।

୨. ଜିଲ୍ଲା ଶିଳ୍ପକେନ୍ଦ୍ର, ସୁଦରଗଡ ।

୩. ଜିଲ୍ଲା ପରିଷଦ ମୁଖ୍ୟ ନିର୍ବାହୀ ଅଧିକାରୀ, ସୁଦରଶତ ।

୪. ମୁଖ୍ୟ କାର୍ଯ୍ୟାଳୟ, ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତଶ ବୋର୍ଡ୍, ଓଡ଼ିଶା, ପରିବେଶ ଉବନ, ଏ/୧୧୮, ନୀଳକଶ ନଗର, ଭୁବନେଶର-୭୫୧୦୧୨।

ଂ୫: ଅଞ୍ଚଳିକ କାର୍ଯ୍ୟାଳୟ, ରାଜ୍ୟ ପ୍ରଦୂଷଣ୍ ନିସନ୍ତଣ ବୋର୍ଡ, ଓଡ଼ିଶା, ରାଜରକେଲା ।

୬. ଜଙ୍ଗଲ, ପରିବେଶ ଓ ଜଳବାୟୁ ପରିବର୍ତ୍ତନ ବିଭାଗ, ଓଡ଼ିଶା ସରକାର, ଭୁବନେଶର ।

ଏଡ଼ଦ୍ବ୍ୟତୀତ ପରିବେଶୀୟ ପ୍ରଭାବ ମୂଲ୍ୟାୟନ ବିବରଣୀର ନିର୍ବାହୀ ସାରାଂଶ (Executive Summary) ଓଡ଼ିଆ ଏବଂ ଙ୍ଗରାଙ୍ଗା ଭାଷାରେ ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିର୍ଯ୍ଦ୍ରଣ ବୋର୍ଡ, ଓଡ଼ିଶୀର ବେବସାଇଟ୍ www.ospcboard.orgରୁ ମଧ୍ୟ ମିଳିପାରିବ ।

୍ୟ କିଷରରେ ସବିଶେଷ ବିବରଣୀ ପାଇଁ ରାଜ୍ୟ ପ୍ରଦୂଷଣ ନିୟନ୍ତଣ ବୋଡ, ଓଡ଼ିଶାର ଅଞ୍ଚଳିକ କାର୍ଯ୍ୟାଳୟ, ଝାରସୁଗୁଡ଼ା ସିତ ଅଞ୍ଚଳିକ ଅଧିକାରୀ କିମ୍ବା ଭୁବନେଶରସ୍ଥିତ ମୁଖ୍ୟ କାର୍ଯ୍ୟାଳୟରେ ସଦସ୍ୟ ସଚିବଙ୍କ ସହ ଯୋଗାଯୋଗ କରାଯାଇପାରେ ।

OIPR-08012/11/0026/2223

ସ୍ୱା/- ସଦସ୍ୟ ସଚିକ

2/4/19) 6/03-8-99 2/71-00

S.P.C. Board
A/118, Nilekantha Nagar



STATE POLLUTION CONTROL BOARD, ODISHA



(Department of Forest, Environment & Climate Change, Govt. of Odisha) Paribash Bhawan, A/118, Nilakanthanagar, Unit-Vill, Bhubaneswar-751012

No. 6401/ IND-II-PH-1015

Date: 16.04.2022

NOTICE

It is brought to the notice of all concerned that M/s JSW Steel Ltd. has proposed to have Environmental Assessment for Gonua Iron Ore Mines with total excavation of 3.4086 MTPA (ROM 2.99 MTPA +OB/SB/IB 0.4186 MTPA) along with screening and crushing, 1000 TPH Central Processing Unit (CPU) over an area of 88.516 ha. (As per ROR) at Gonua and Patabeda villages under Koira Tehsil of Sundargarh District to obtain Environmental Clearance from the State Environment Impact Assessment Authority (SEIAA), 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 18.05.2022 at 10.00 A.M at Football Ground of Gonua village under Koira tehsil 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.22-25-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 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.
- 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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