

APPENDIX 1
(See Paragraph-6)
FORM 1

(I) Basic Information

| Sr. No. | Item | Details |
|---------|---|---|
| 1 | Name of the project/s | Iron Ore Mine (ML no. 2677 of M/s. Vedanta Ltd). |
| 2 | Sr.No. in the schedule | 1(a) |
| 3 | Proposed capacity/area/length/tonnage to be handled/command area/lease area/number of wells to be drilled | Lease Area: As per Lease Deed - 163.50 Ha As per CEC Survey- 160.59 Ha Change in Name: From Sesa Goa Ltd., to Vedanta Ltd., Production Expansion Capacity: Mining of Mineral: 6.0 million tons/annum to 7.2 million tons/annum of Iron ore under clause 7(ii) (a) of EIA notification as amended on 2 nd March 2021. |
| 4 | New/Expansion/Modernization | Expansion of Iron Ore Production |
| 5 | Existing Capacity/Area etc. | Existing Capacity as per Environmental Clearance accorded as per EIA Notification, 2006: 6.0 million tones/annum vide EC No. J-11015/1167/2007.IA.II (M) dated 05/02/2009. Lease Area: As per lease deed - 163.50 Ha As per CEC survey- 160.59 Ha |
| 6 | Category of Project i.e. 'A' or 'B' | Category 'A'- Mining of Minerals |
| 7 | Does it attract the general condition? If yes, Please specify. | No |
| 8 | Does it attract the specific condition? If yes, Please specify. | No |

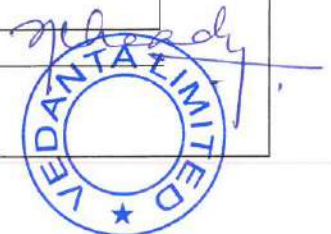


| Sr. No. | Item | Details |
|--------------|---|--|
| 9 | Location | Village |
| | | Sy. Nos. - Ha |
| | | Megalahally |
| | | B. Gattihally |
| | | Madakeripura |
| | | Chowdenahally |
| | | Tanigehally |
| | | Hirekandavadi |
| Total | 160.590 | |
| | Village | Megalahally, BommavvanaGattihally, Chowdenahally, Tanigehally, Hire Kandavadi. |
| | Taluk & District | Holalkere & Chitradurga |
| | State | Karnataka |
| 10 | Nearest Railway station / airport along with distance in Kms. | MMEC Railway siding -4 Kms (Co-owned private railway siding for transportation of iron ore) Sasalu-15 kms (Public railway siding for transportation of iron ore/ Bangalore international airport 260 kms |
| 11 | Nearest town, city, District headquarters along with distance in Kms. | Chitradurga is the nearest town, city and District headquarters at a distance of 30.0 kms. |
| 12. | Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal Address with telephone nos. to be given) | Megalahally, BommavvanaGattihally, Chowdenahally, Tanigehally, Hirekandavadi are village panchayats and Chitradurga is the Minicipal and Zilla Parishad Pin- 577501 Ph : 08194-223061 |
| 13 | Name of the applicant | M/s. Vedanta Limited |
| 14 | Registered Address | 1 st Floor, 'C' wing, Unit 103, Corporate Avenue, Atul Projects, Chakala, Andheri (East), Mumbai 400093. |

M. Heady



| Sr. No. | Item | Details |
|---------|--|---|
| 15 | Address for correspondence: | Vedanta Sesa Goa Iron Ore Megalahalli Office Complex Bheemasamudra, Chitradurga, Karnataka - 577 520. |
| | Name | Mr. Krishna Reddy |
| | Designation (Owner/Partner/CEO) | Head Iron Ore Karnataka POA Holder |
| | Address | Vedanta Sesa Goa Iron Ore, Megalahalli Office Complex Bheemasamudra, Chitradurga, Karnataka |
| | Pin Code | 577 520 |
| | E-mail | MK.Reddy@vedanta.co.in |
| | Telephone No. | 08194238101 |
| | Fax No. | -- |
| 16 | Details of Alternative Sites examined, if any. Location of these sites should be shown on a Topo sheet. | This is an existing/operating mine. Therefore, alternative sites are not applicable. |
| 17 | Interlinked Projects | No |
| 18 | Whether separate application of interlinked project has been submitted | No |
| 19 | If yes, date of submission | Not Applicable |
| 20 | If no, reason | The application for seeing Environmental Clearance for the expansion of iron ore production. |
| 21 | Whether the proposal involves approval / clearance under: if yes, Detail of the same and their status to be given. | Obtained Forest Clearance under The Forest (Conservation) Act, 1980, Vide letter reference no F. No. 8-81/1992-FC (Pt) dated 30-12-2014 |
| | a) The Forest (Conservation) Act, 1980 | |
| | b) The Wildlife (Protection) Act, 1972 | Not Applicable |
| | c) (c) The C.R.Z Notification, 1991 | Not Applicable |



| Sr. No. | Item | Details |
|---------|---|--|
| 22 | Whether there is any Government order / policy relevant /relating to the site | <p>Mining was banned in the districts of Ballari, Chitradurga, & Tumakuru by Hon'ble Supreme Court order dated 29/07/2011 & 26/08/2011.</p> <p>Mining Operations were resumed as per Hon'ble Supreme Court order dated 18/04/2013 in the districts of Tumakuru, Chitradurga & Ballari.</p> <p>All the mining operations are being monitored by CEC constituted by Hon'ble Supreme Court.</p> |
| 23 | Forest land involved (hectares) | 160.59Ha |
| 24 | Whether there is any litigation pending against the project and/or land in which the project is propose to be set up; (a) Name of the Court (b) Case No. (c) Orders/directions of the Court, if any and its relevance with the proposed project. | Nil |



(II) Activity

1. Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc?).

| Sr. No. | Information/Checklist confirmation | Yes /No | Details thereof (with approximate quantities /rates, wherever possible) with source of information data |
|---------|---|---------|--|
| 1.1 | Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan) | Yes | There will be change in the ground profile in the form of pit and dumps. More so this is an existing lease and mine is in operation, entire lease area is already broken up and there are changes in the ground profile. Initially, 160.59 Ha of forest land was diverted under Section (2) of Forest Conservation Act, 1980, for mining and allied mining activities in which 99.16 Ha is for mining, 0.78 Ha for road & 0.8 Ha for office, 5.03 Ha for safety zone (Conceptual stage). |
| 1.2 | Clearance of existing land, vegetation and buildings? | No | Not Applicable, presently the mine is under operation. |
| 1.3 | Creation of new land uses? | No | There is no creation of new land uses; however, Mining activity is being carried out in the granted lease area in a progressive manner as per approved mining plan by IBM. |
| 1.4 | Pre-construction investigations e.g. bore houses, soil testing? | No | Not Applicable as it is an existing mine. |
| 1.5 | Construction works? | No | Nil |
| 1.6 | Demolition works? | No | None |
| 1.7 | Temporary sites used for construction works or Housing of construction workers? | No | Nil |

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| Sr. No. | Information/Checklist confirmation | Yes / No | Details thereof (with approximate quantities /rates, wherever possible) with source of information data |
|---------|---|----------|---|
| 1.8 | Above ground buildings, structures or Earthworks including linear structures, cut and fill or excavations | No | Presently the mine is under operation with total lease area of 160.59 Ha which is already broken up with the annual production of 6.0 mtpa with the proposal of increase in annual production to 7.2 mtpa. |
| 1.9 | Underground works including mining or tunneling? | No | Not Applicable |
| 1.10 | Reclamation works? | Yes | Reclamation of inactive dumps is being carried-out and the same will be continued. |
| 1.11 | Dredging? | No | Not Applicable |
| 1.12 | Offshore structures? | No | Not Applicable |
| 1.13 | Production and manufacturing Processes? | Yes | <p>Present production: 6.0 mtpa Proposed expansion: 7.2 mtpa.</p> <p>Process:</p> <p>It is proposed to operate the mine by fully mechanized open-cast mining method in two shifts (6am to 2pm and 2pm to 10pm). Mining will be carried out in both the blocks. The benches will be made with a height of 7m and width will be around 10m. The existing pit will be worked by advancing the benches across the strike direction.</p> <p>The produced ore will be transported through 35 tons capacity dumpers to the Crushing/Screening plant to get the end products like calibrated lumps (+6mm-40mm) and fines (-10mm). These products will be stacked in designated areas. The waste will be dumped through</p> |



| | | | |
|------|--|-----|---|
| | | | <p>dumpers systematically in SE part of the lease (D3/D4) where already waste dump is present. Existing infrastructure at mine site at south block consisting of mine office, canteen, workshop, parking yard etc. have been shifted towards footwall side.</p> <p>The existing machineries are enough to handle the proposed production and development. Hence, no additional deployment of machinery is envisaged as Lessee is already having adequate machinery commensurate with the EC quantity.</p> |
| 1.14 | Facilities for storage of goods or materials? | Yes | The rejection/overburden will be dumped in the area earmarked for the same with effective environmental protection measures. |
| 1.15 | Facilities for treatment or disposal of solid waste or liquid effluents? | No | No liquid effluent is being generated at mining premises. However, septic tank and soak pit arrangement is provided at the canteen. Canteen wet waste is used for producing compost to use for plantation purpose. |
| 1.16 | Facilities for long term housing of operational workers? | No | Long term housing facilities are not required as most of the workers are locally employed. |
| 1.17 | New road, rail or sea traffic during construction or operation? | Yes | Existing roads are sufficient for carrying out the mining activities with proposed expansion from 6.0 mtpa to 7.2 mtpa (only 17% increase in production). Private railway siding owned by the company is operational and is being effectively used for the transportation of ore in a large extent. |

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| Sr. No. | Information/Checklist confirmation | Yes / No | Details thereof (with approximate quantities /rates, wherever possible) with source of information data |
|---------|--|----------|---|
| 1.18 | New road, rail, air, waterborne or other transport infrastructure including new or altered routes & stations, ports, airports etc? | No | Existing transportation network will cater to the requirements of the mining operation with increase in annual production. |
| 1.19 | Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements? | No | Nil |
| 1.20 | New or diverted transmission lines or pipelines? | No | Not Applicable. |
| 1.21 | Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers? | Yes | <p>Ground water recharge methods are adopted at the mine office & canteen area as part of rain water harvesting. Garland drains are constructed all along the mining lease and dumps. Rainwater is channelized / diverted to settling tanks and in turn to the natural seasonal nallahs through series of gully plugs. Check dams, settling tanks are de-silted periodically and the silt is being used for plantation purpose.</p> <p>Effective R & R plan implemented as per the CEC guidelines and maintained for its effectiveness.</p> |
| 1.22 | Stream crossings? | No | Not Applicable. |
| 1.23 | Abstraction or transfers of water from ground or surface waters? | No | Nil |

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| Sr. No. | Information/Checklist confirmation | Yes / No | Details thereof (with approximate quantities /rates, wherever possible) with source of information data |
|---------|--|----------|--|
| 1.24 | Changes in water bodies or the land surface affecting drainage or run-off? | No | There is no water body within the mine lease area and there will not be any change in drainage pattern. |
| 1.25 | Transport of personnel or materials for construction, operation or decommissioning? | Yes | Facilities are being provided for transportation of personnel at site. |
| 1.26 | Long-term dismantling or decommissioning or restoration works? | Yes | At the end of life of mine, final mine closure plan will be prepared by adopting technical and biological reclamation measures. Anyhow, R&R Plan prepared by ICFRE, approved by CEC, Hon'ble Supreme Court is already implemented. |
| 1.27 | Ongoing activity during decommissioning which could have an impact on the environment? | No | At the end of life of mine, final mine closure plan will be prepared by adopting technical and biological reclamation measures. |
| 1.28 | Influx of people to an area in either temporarily or permanently? | No | The mine is already in operation, locally qualified manpower from nearby villages are being employed for carrying out mining activities. |
| 1.29 | Introduction of alien species? | No | Not Applicable. |
| 1.30 | Loss of native species or genetic diversity? | No | Entire lease area is already broken up due to mining operations and the native species present in the undisturbed area is being preserved. Apart from this, 5.03 Ha of area has been earmarked as safety zone with plantation in addition to various biological reclamation of inactive dumps and avenue plantation. |
| 1.31 | Any other actions? | No | Nil |

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2.0 Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):

| Sr. No. | Information/checklist confirmation | Yes / No | Details thereof (with approximate quantities /rates, wherever possible) with source of information data |
|---------|---|----------|--|
| 2.1 | Land especially undeveloped or agricultural land (ha) | No | Mining is being carried out within the existing lease area of 160.59 Ha. |
| 2.2 | Water (expected source & competing users) unit: KLD | Yes | Water Requirement: 554 KLD Source: Ground water (bore well located outside the lease area). |
| 2.3 | Minerals (MT) | Yes | Presently, mining is under operation with 6.0 mtpa and it's proposed to increase to 7.2 mtpa of iron ore production. |
| 2.4 | Construction material - stone, aggregates, sand/ soil (expected source - MT) | No | Not Applicable |
| 2.5 | Forests and timber (source - MT) | No | Not Applicable |
| 2.6 | Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW) | Yes | Power Requirement - 1200 units per day Source: BESCO HT line Power Back-up: 725 KVA DG for Plant 125 KVA DG for Maintenance and 250 KVA Standby DG. |
| 2.7 | Any other natural resources (use appropriate standard units) | Yes | High Speed Diesel to run HEMMs and other vehicles used for transportation. |

J. Chandy


3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.

| Sr. No. | Information/Checklist confirmation | Yes /No | Details thereof (with approximate quantities/rates, wherever possible) with source of information data |
|---------|--|---------|--|
| 3.1 | Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and Water supplies) | No | Only storage of HSD is being provided to operate HEMMs and backup DG Sets. |
| 3.2 | Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases) | No | Not Envisaged |
| 3.3 | Affect the welfare of people e.g. by changing living conditions? | Yes | The proposed increase in annual production will help in further improving the socio-economic condition of the region through direct and indirect employment, revenue generation etc. also increased contribution to SPV set up by Hon'ble Supreme Court and DMF. |
| 3.4 | Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc., | No | There will not be any impact on human Settlement. The transportation of ore will be carried-out in a controlled manner as per existing DMG; Chitradurga monitoring mechanism and the trucks are covered with tarpaulin. Also, the company has a private Railway Siding and it's operational since many years. |
| 3.5 | Any other causes | No | The workers working in the mine are provided with PPEs ensuring safety and strictly following COVID-19 safety guidelines. |



4. Production of solid wastes during construction or operation or decommissioning (MT/month).

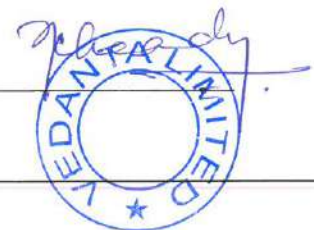
| Sr. No. | Information/Checklist confirmation | Yes / No | Details thereof (with approximate quantities/rates, wherever possible) with source of information data |
|---------|--|----------|---|
| 4.1 | Soil, overburden or mine wastes | Yes | About 8.028 million tons of overburden will be generated over next three years and 80.748 million tons of waste will be generated during the life of the mine. The same will be dumped systematically and also eco-friendly backfilling will also be followed with effective environmental practices including back filling of inactive mine pits whenever possible. Use of biodegradable geotextile is practised at all dump sites for dump stabilisation. |
| 4.2 | Municipal waste (domestic and or commercial wastes) | No | Nil |
| 4.3 | Hazardous wastes (as per Hazardous Waste Management Rules) | Yes | Hazardous waste of small quantities like used oil, soil cotton waste, oil filters and lead acid batteries are generated. The above falls under category of Hazardous Waste (Management & Handling) Rules, 1989 and 2003 and the same will be disposed to pollution control board approved re-processors. |
| 4.4 | Other industrial process wastes | No | Nil |
| 4.5 | Surplus product | No | Nil |
| 4.6 | Sewage sludge or other sludge from effluent treatment | No | Nil, only canteen waste will be used as manure for nursery and plantation. |
| 4.7 | Construction or demolition wastes | No | Nil |



| Sr. No. | Information/Checklist confirmation | Yes / No | Details thereof (with approximate quantities/rates, wherever possible) with source of information data |
|---------|---------------------------------------|----------|--|
| 4.8 | Redundant machinery or equipment | No | Redundant machinery, if any will be handed over to approved recyclers/re-processors. |
| 4.9 | Contaminated soils or other materials | No | None |
| 4.10 | Agricultural wastes | No | None |
| 4.11 | Other solid wastes | No | None. |

5. Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/hr).

| Sr. No. | Information/Checklist confirmation | Yes / No | Details thereof (with approximate quantities/rates, wherever possible) with source of information data | | | | |
|-------------------------|--|----------|---|-------------------------|--|-----|------|
| 5.1 | Emissions from combustion of fossil fuels from stationary or mobile sources | Yes | Stationery sources such as DG sets: SO _x : 6.86µg/m ³ (Std: 80 µg/m ³) NO _x : 7.77 µg/m ³ (Std: 80 µg/m ³) | | | | |
| 5.2 | Emissions from production processes | Yes | Fugitive Emissions from various mining activities such as excavation, transportation of ore and waste, operation of crushing and screening plant & HEMMs will be generated. <table border="1" style="width: 100%; margin-top: 10px;"> <tr> <td style="width: 30%; text-align: center;">PM (µg/m³)</td> <td>Standard as per Combined consent order No: AWH-3000531/10241 dt.30/06/2016 from KSPCB , AS WELL AS IRON ORE MINE SPECIFIC STANDARD OF CPCB</td> </tr> <tr> <td style="text-align: center;">980</td> <td style="text-align: center;">1200</td> </tr> </table> | PM (µg/m ³) | Standard as per Combined consent order No: AWH-3000531/10241 dt.30/06/2016 from KSPCB , AS WELL AS IRON ORE MINE SPECIFIC STANDARD OF CPCB | 980 | 1200 |
| PM (µg/m ³) | Standard as per Combined consent order No: AWH-3000531/10241 dt.30/06/2016 from KSPCB , AS WELL AS IRON ORE MINE SPECIFIC STANDARD OF CPCB | | | | | | |
| 980 | 1200 | | | | | | |



| Sr. No. | Information/Checklist confirmation | Yes / No | Details thereof (with approximate quantities/rates, wherever possible) with source of information data |
|---------|--|----------|---|
| 5.3 | Emissions from materials handling including storage or transport. | Yes | <p>There will be fugitive emissions generated during material handling such as loading and unloading of ore and waste, transportation and the trucks are being covered with tarpaulins.</p> <p>Regular water sprinkling on haul road is practiced currently which will help in suppressing the dust particles hence, preventing them from getting air-borne.</p> <p>Also, the company has a private Railway Siding and is operational since many years.</p> |
| 5.4 | Emissions from construction activities including plant and equipment. | No | Not Applicable |
| 5.5 | Dust or odors from handling of materials including construction materials, sewage & waste. | No | Not Applicable. |
| 5.6 | Emissions from incineration of waste. | No | Not Applicable |
| 5.7 | Emissions from burning of waste in open air (e.g. slash materials, construction debris). | No | Not Applicable |
| 5.8 | Emissions from any other sources. | No | None |

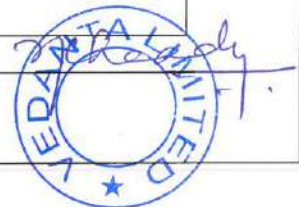


6. Generation of Noise and Vibration, and Emissions of Light and Heat:

| Sr. No. | Information/Checklist confirmation | Yes /No | Details thereof (with approximate quantities/rates, wherever possible) with source of information data |
|---------|---|---------|---|
| 6.1 | From operation of equipment e.g. engines, ventilation plant, crushers | Yes | The main sources of noise in the existing mine are; <ul style="list-style-type: none"> • Operation of HEMMs • Vehicular Movement • Crushing & Screening Plant operation • Drilling and blasting activity Noise generation near mine workings: 60-70 dB (A). |
| 6.2 | From industrial or similar processes | No | Near the screening plant noise level: 75 dB (A). |
| 6.3 | From construction or demolition | No | Not Applicable. |
| 6.4 | From blasting or piling | Yes | Blast initiation in the hole will be done using Nonel shock tube of 25Ms and 42Ms. Use of MS delay detonators & cord relays will help in controlling the vibration and achieve better fragmentation. |
| 6.5 | From construction or operational traffic | Yes | Noise and emission will be generated due to operation of HEMMs, Crushing, Screening& Washing plant and drilling & blasting. |
| 6.6 | From lighting or cooling systems | No | Not Applicable |
| 6.7 | From any other sources | No | None |

7. Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:

| Sr. No. | Information/Checklist confirmation | Yes / No | Details thereof (with approximate quantities/rates, wherever possible) with source of information data |
|---------|---|----------|--|
| 7.1 | From handling, storage, use or spillage of hazardous materials | Yes | Hazardous material like used oil; old batteries are being disposed off as per the existing Rules & guidelines of Hazardous Waste (Management & Handling) Rules, 1989 and 2003 and are being sent to stores for disposal through authorized agency. Slurry explosives will be used for drilling and blasting and strictly followed as per Mines Act and DGMS guidelines. |
| 7.2 | From discharge of sewage or other effluents to water or the land (expected mode and place of discharge) | No | Domestic wastewater generated from office and canteen is disposed-off into Septic Tank and Soak Pit. |
| 7.3 | By deposition of pollutants emitted to air into the land or into water | Yes | Mining operations such as operation of HEMMs, Drilling & Blasting, Crushing and Screening plant, movement of ROM etc will generate dust and likely deposit. Therefore, adequate dust suppression measures like regular water sprinkling is being followed. Adequate numbers of settling pond/check dams are built to ensure effective sedimentation including fine silt. R & R Plan is strictly implemented as per CEC guidelines. |
| 7.4 | From any other sources | No | Nil |
| 7.5 | Is there a risk of long-term buildup of pollutants in the environment from these sources? | No | Siltation of ponds, nallahs during monsoon due to mine run-off. However, regular desilting of the same will prevent buildup of pollutants in the surrounding environment. |



8. Risk of accidents during construction or operation of the Project, which could affect human health or the environment.

| Sr. No. | Information/Checklist confirmation | Yes / No | Details thereof (with approximate quantities/rates, wherever possible) with source of information data |
|---------|---|----------|---|
| 8.1 | From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances | No | <p>Mine safety is one of the most essential aspects and strictly implemented in the mine as per DGMS guidelines. Indeed, safety of the mine and the employees is taken care as per the Mines Act 1952 and the rules and regulations made under this act.</p> <p>However, Disaster Management Plan (DMP) and Emergency Preparedness are in place to handle any fires incidences. Explosives are being handled as per PESO norms.</p> |
| 8.2 | From any other causes | Yes | <p>The Risk of accidents is envisaged due to the operation of equipment, Failure of mine benches. No loose stone or debris will, be allowed to remain near the edges of excavation and along the sites of haul road. Good safety practices are adopted at the site.</p> <p>All precautionary measures are in place, and workmen are provided with PPEs. COVID-19 safety guidelines are strictly adhered.</p> |
| 8.3 | Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)? | No | <p>Nil. The area is not susceptible for natural hazards like earthquake, subsidence, landlines, flooding etc, and there are no records of such incidents over the past few decades. The area under consideration falls under Zone-II of Seismic zone categorization.</p> |



9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality.

| Sr. No. | Information/Checklist confirmation | Yes /No | Details thereof (with approximate quantities/rates, wherever possible) with source of information data |
|---------|--|---------|---|
| 9.1 | <p>Lead to development of supporting, laities, ancillary development or development stimulated by the project which could have impact on the environment e.g.:</p> <ul style="list-style-type: none"> • Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.) • housing development • extractive industries • supply industries • other | Yes | <p>Continuation & expansion of mining operation will help the local community for their livelihood, as the mine having 282 employees directly and three times the numbers indirectly.</p> <p>Preference for employment is given to local merited/ eligible people from the nearby villages. Many people are benefited directly and indirectly.</p> <p>Operation of mine will support ancillary units such as workshops and other facilities.</p> <p>The Company is promoting education, health care, youth and women-empowerment programs, etc, through its Corporate Social Responsibility (CSR), which has benefited the locals and surrounding area.</p> |
| 9.2 | Lead to after-use of the site, which could have an impact on the environment | No | The broken- up area will be fully reclaimed and rehabilitated as per approved Progressive Mine Closure Plan (PMCP) &Final Mine Closure Plan (FMCP) at the end of the life of the mine. |
| 9.3 | Set a precedent for later developments | No | Not envisaged at present. |

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| Sr. No. | Information/Checklist confirmation | Yes /No | Details thereof (with approximate quantities/rates, wherever possible) with source of information data |
|---------|---|---------|--|
| 9.4 | Have cumulative effects due to proximity to other existing or planned projects with similar effects | Yes | There are other mines located within 2.0 Kms from the lease. Due to similar in nature of activity from nearby mines, there is a possibility of cumulative effect. |

(III) Environmental Sensitivity

| Sr. No. | Areas | Name/ Identity | Aerial distance (within 15 km.) Proposed project location boundary |
|---------|---|----------------|--|
| 1 | Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value | No | Nil |
| 2 | Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests. | Yes | Bheemasamudra Tank-8kms (SE) Alagatta Kere - About 5kms (NE) Muthugoduru Kere - About 4.5kms (SW) Kagalagere Kere - About 5.5 Kms (W) |
| 3 | Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration | No | Not Applicable |
| 4 | Inland, coastal, marine or underground waters | Nil | No inland, coastal, marine or underground waters. |
| 5 | State, National boundaries | No | There are no inter-State, National boundaries within study region. |



| Sr. No. | Areas | Name/ Identity | Aerial distance (within 15 km.) Proposed project location boundary |
|---------|--|----------------|--|
| 6 | Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas | Yes | The existing public road SH-48 will be used to visit different places. |
| 7 | Defense installations | No | No defense installation within study region. |
| 8 | Densely populated or built-up area | Yes | Sirigere Village having approximately 4421 population, which is at a distance of 6.1 Km by road. |
| 9 | Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities) | Yes | The nearest hospital / PHC schools, college, places of worships and community facilities are available at Sirigere village which is at a distance of 6.1 kms. |
| 10 | Areas containing important, high quality or scarce resources (Ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals) | No | Not applicable. |
| 11 | Areas already subjected to pollution or environmental damage. (those where existing legal environmental standards are exceeded) | Nil | None. |
| 12 | Areas susceptible to natural hazard which could cause the project to present environmental problems (Earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions) | Nil | The area is not susceptible for natural hazards like earthquake, subsidence, landlines, flooding etc, and there are no records of such incidents over the past few decades. The area under consideration falls under Zone-II of Seismic zone categorization. |

M. Heady


(IV) Proposed Terms of Reference (TOR) for EIA Studies.

As per EIA Notification 2006 dated 14th September 2006 and subsequent amendments thereto and the schedule therein, this project falls under 1(a), Category - A of Mining of Minerals.

I hereby give undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any, to the project will be revoked at our risk and cost.

Date:

For VENTATA LIMITED

Place: Bengaluru


Krishna Reddy
Head-Iron Ore-Karnataka


NOTE

1. The projects involving clearance under Coastal Regulation Zone Notification, 1991 shall submit with the application a C.R.Z. map duly demarcated by one of the authorized agencies, showing the project activities, wrt. C.R.Z. (at the stage of TOR) and the recommendations of the State Coastal Zone Management Authority (at the stage of EC). Simultaneous action shall also be taken to obtain the requisite clearance under the provisions of the C.R.Z Notification, 1991 for the activities to be located in the CRZ.
2. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the Authorized Signatory shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden thereon (at the stage of EC)".
3. All correspondence with the Ministry of Environment & Forests including submission of application for TOR /Environmental Clearance, subsequent clarifications, as may be required from time to time, participation in the EAC Meeting on behalf of the Authorized Signatory shall be made by the authorized signatory only. The authorized signatory should also submit a document in support of his claim of being an authorized signatory for the specific project".

