



**At/PO – Dalpahar,
Bichakundi, Keonjhar, Odisha
www. dcjdalpahar@gmail.com**



Sustainable Development Frame Work Report: 2024-25

Introduction:

Dalpahar Iron & Mn. Mines of sri Dharamchanda jain over an area of 89.961 Hectares is Located in the Dalpahar Village Under Joda tehsil of Keonjhar, Odisha

Communication:

1. **Road Link:** The Road Is adjoining to the lease area is well connected to NH-520 at Joda is about 15 km from the lease area.
- a) **Rail Link :** Jaroli railway station is 8 Km away from the lease area..
- b) **Air Link :** Bhubaneswar airport (300 km away) is the nearest airport from the area. There is an airstrip/ helipad near Bhadrasai, Barbil.

Topography

The lease area under reference is marked by a north-south trending hill range.

The highest altitude in the area is 723 m at East-western corner of the applied M.L area and the lowest altitude is 553 m is at the south-western corner.

General slope of the area is towards east. There is no perennial nala within the M.L area.

Drainage pattern

As far as drainage pattern is concerned, dendritic pattern can be observed regionally in the lease area and its surrounding area. There is no perennial nala flowing within the lease area.

Mining operation is general, as drilling blasting, excavation, hauling, mineral processing through Screen, crusher and mineral stacking and mineral logistic. Mineral logistic is being carried out through public railway sidings. The mines to railway siding logistic is managed with local tippers.

The project is very strictly following all statutory compliances of MoEF& CC, IBM, DGMS, CGWA/CGWB, SCPB/CPCB.





Sustainable Development Frame Work Report: 2024-25

Sustainable Development Framework:

In a bid to ensure minimal impact of iron ore mining on the environment and human settlement, the Union Ministry for Mines has implemented a “Star Rating” system for mining leases to promote sustainable development practices, which includes addressing the social impact of resettlement and rehabilitation and key information's of the mining activity like mines basic information's, environmental safe guard measures, CSR activities as a whole.

A Star Rating program is implemented to mining leases for the efforts and initiatives taken for implementation of the Sustainable Development Framework (SDF).

SDF provides guidance to mining companies to improve the performance not only with regard to environmental and social aspects, but also provides a common benchmark against the operations which can be evaluated in terms of comparative performance on sustainable development norms.

Inline to the said guidelines of the Govt., the company has constituted a Sustainable Development Unit (SDU) under SDF. The team comprises of different key personals of the organization involving Technical, Financial, CSR, HRD, Environment depts. The SDU is headed by Sri.Utpal Jana, Mines Manger, who is functional head of the organization having capacity of more than 15+years of experience in the open cast mining field, Mr.Bidyadhar Sethy,AGM (Geology) Mr. Sanjit Kumar Asst Manager Mines Mr. Kamakshya Prasad Sahu Engg Mr.Nirmal Chandra Roul ,Officer(Accounts) Mines The Company has made expenses of Rs. 61.02 lakhs for the financial year 2024-2025 The project has implemented the funds under different CSR, Environment heads during the reporting period. Company adheres to the environment policies as subscribed there under with 100 % statutory clearance and compliances.





Sustainable Development Frame Work Report: 2024-2025

Environment Management Program:

The proposed key features under environment management program are as follows;

- Mines runoff management
 - o Check weirs
 - o Settling cum harvesting ponds
- Water Harvesting Measures
 - o Roof top rain water harvesting at the office campus is under progress
- Air Pollution Control System are being implemented such as :
 - o Mobile water tanker for haul road dust suppression
 - o Dry fog system for Crusher & Screen Plants
 - o Green belt development
- Solid Waste Management is being practiced as per approved Mining Plan such as :
 - o Waste Dump management with application of plantation etc.
 - o Dump slope stabilization with proper terracing, dozing, pressing, provision of retaining wall, garland drain and settling pond etc.
- Hazardous Waste Management
 - o Identification, Segregation, storage
 - o Disposal to authorized recycler/re-processor
- Environmental parameters are being Monitored by NABL accredited Laboratory such as
 - o AAQ
 - o Water (Surface, ground water)
 - o Noise
 - o Soil
 - o Illumination
 - o Ground vibration
 - o Plantation





Sustainable Development Frame Work Report: 2024-25

Corporate Social Responsibility:

The key landscapes under **Corporate Social Responsibility** are as follows;

Corporate Social Responsibility:

The key landscapes under **Corporate Social Responsibility** are as follows;

- Drinking water facility
 - o Overhead water tank with pipeline distribution facility
 - o Safe reach of Drinking water to remote villagers through water tankers
 - o Provision of bore wells
- Infrastructure
 - Electrification of the tribal villages with street light
- Health and Hygiene
 - o 24 x 7 Medical facility with Doctor & free access of Ambulance
 - o Free distribution of medicines to locals
- Education
 - o Support of financial aid to school teachers.
 - o School transport facility

PHOTO GALLERY





Sustainable Development Frame Work Report: 2024-2025

Photo-1 Mobile Water sprinkler tanker for dust suppression

Gallery: Photos of Environment



Photo-2 Mobile screen Plant Equipped with dry fog system for dust suppression



Photo-3 Wheel wash facility at the exit gate of Mines with recirculation system



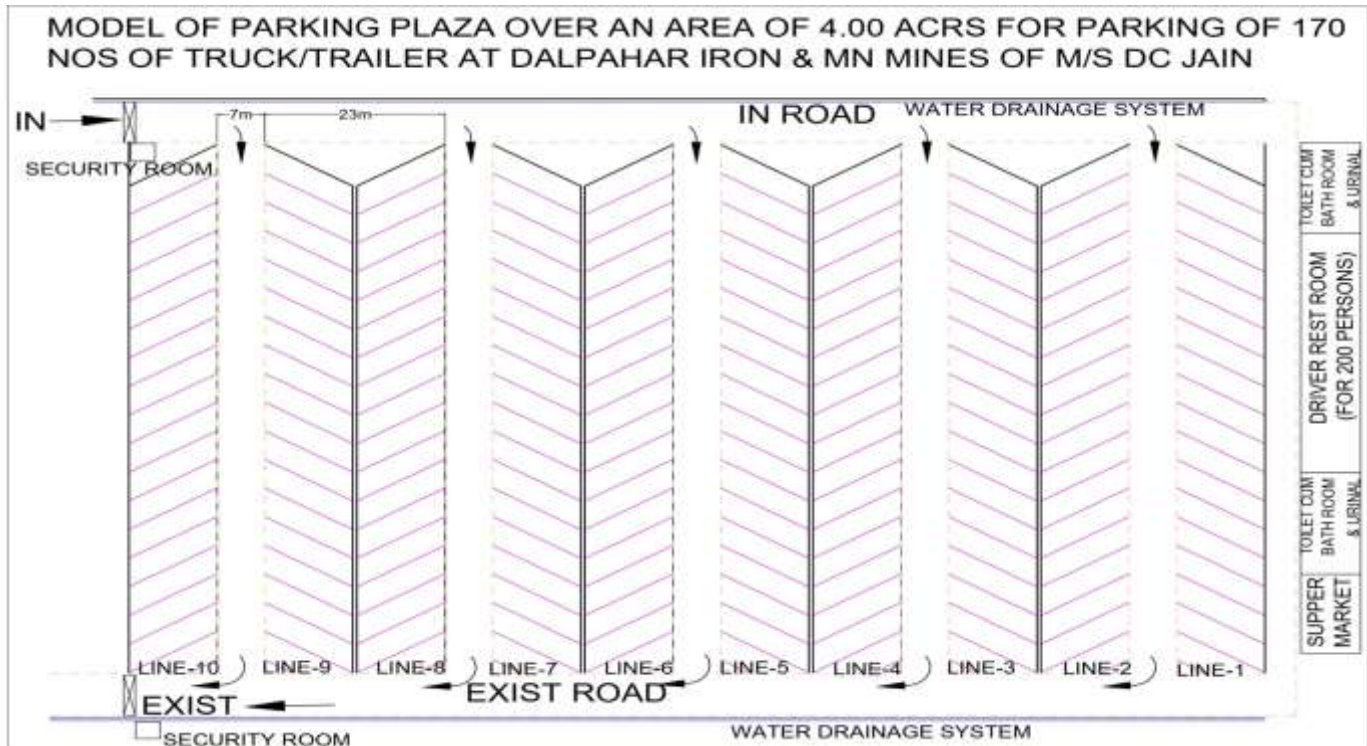


Sustainable Development Frame Work Report: 2024-2025

Photo-4 Trucks carrying ore from mines covered with Tarpaulin



Photo-5 Proposed Parking Plaza lay out and Location inside ML area



**Dalpahar Iron & Mn Ore Mines of
sri DharamChand Jain**



Sustainable Development Frame Work Report: 2024-25

Photo-6 Water sprinkling through mobile tanker on mineral transport road adjacent to mines lease.



Photo-7 Environmental parameter monitoring activities





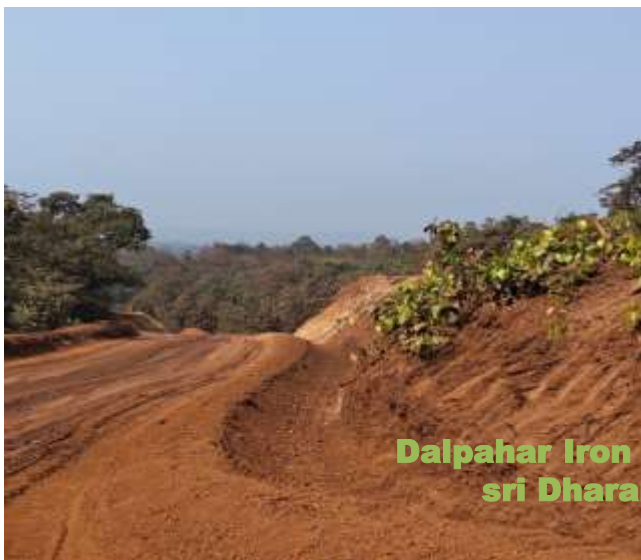
Sustainable Development Frame Work Report: 2024-25



Photo-8 Retaining wall with garland drain at the toe of OB dump at Block II area



Photo-9 Garland drain at the toe of OB dump at Block II area



**Dalpahar Iron & Mn Ore Mines of
sri DharamChand Jain**





Sustainable Development Frame Work Report: 2024-25

Photo-10 Employees with PPEs while working at site



Photo-11 Digital display board for the display general for monitoring reports





Sustainable Development Frame Work Report: 2024-25

Photo-12 Sapling distribution and Plantation activities carried out inside & outside Mine lease area





1) Mr. Utpal Jana	Mines (Manager)
2) Mr. Bidyadhar Sethy	AGM (Geology)
3) Mr. Sanjit Kumar	Asst.(Manager)
4) Mr. Kamakshya Prasad Sahu	Engineer (Mines)
5. Mr. Nirmal Chandra Roul	Officer (Accounts)