

**INDIAN BUREAU OF MINES  
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

**MCDR inspection REPORT**

**Goa regional office**

**Mine file No :** KNT/BJP/Fe-2/GOA

**Mine code :** 30KAR05001

- (i) Name of the Inspecting : **P02** ) **PREM PRAKASH**  
Officer and ID No.
- (ii) Designation : Regional Controller Mines
- (iii) Accompanying mine : **SHRI. PRAKASH Y. MINES MANAGER**  
Official with  
Designation
- (iv) Date of Inspection : 27-MAY-22
- (v) Prev.inspection date : 04-SEP-21

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **HIREMAGI S. AIHOLLE**
- (b) **Registration NO.** :
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address  
State : KARNATAKA  
District : BAGALKOT  
Village : HIREMAGI  
Taluka : HUNAGUND  
Post office : HIREMAGI  
Pin Code : 587112  
FAX No. : 08351-787740  
E-mail : hrmines@doddanavarbrothers  
Phone : 08351-787740
- (f) Police Station :
- (g) First opening date : 01-JUL-80
- (h) Weekly day of rest : SAT
2. Address for : Doddannavar Brothers  
correspondance Corporate House,Opp Hotel Ksemainn,  
Near 3rd Railway Gate, Khanapur Road, Belgaum
3. (a) Lease Number : KAR0265  
(b) Lease area : 45.3  
(c) Period of lease : 20  
(d) Date of Expiry : 04-JUN-00
4. Mineral worked : IRON ORE Main

## 5. Name and Address of the

Lessee : DODDANAVAR BROTHERS  
 Corporate House, Opp Hotel  
 Ksemainn Near 3rd Railway  
 Gate, Khanapur Road,  
 BELGAUM KARNATAKA  
 Phone: 0831-2466727  
 FAX : 0831-2403401

Owner : PUSHPADANT PARISAPPA DODDANNAWAR  
 Corporate House, Opp Hotel  
 Ksemainn Near 3rd Railway  
 Gate, Khanapur Road BELGAUM  
 KARNATAKA  
 Phone: 0831-2466727  
 FAX : 0831-2403401

Agent : RACHAPPA MALLAPPA SARADAGI  
 General Manager (Mines)  
 Doddanavar Brothers At-  
 Hiremagi, Tq-Hungund  
 BAGALKOT KARNATAKA  
 Phone: +919845739350, 08351-287740  
 FAX : 08351-280125

Manager  
 Name : Y PRAKASH  
 Qualification : Dip. In Mining Eng. and II Class Mines M  
 Appointment/ : 01-SEP-15  
 Termination date

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	16-MAR-00
Plan/Scheme of Mining		Modif.of approved Mining Plan	03-DEC-04
		Mining Scheme rule 12 MCDR1988	28-OCT-05
		Modif.approved Mining Scheme	09-JUN-09
		Renewal under rule 24 MCR1960	26-OCT-10
		Mining Scheme rule 12 MCDR1988	29-APR-15
		MP modif under 17(3) MCR 2016	10-AUG-18
		MP review under 17(1) MCR 2016	29-JAN-20

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	NIL	-
1b	Exploration over lease area for geological axis 1 or 2	NIL	NIL	-
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NIL	NIL	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	NIL	-
1e	Balance reserve as on 01/04/20	As per approved RMP, reserves as on 31/08/2019 (111)= Haematitic Ore-2.153 mill. te Silicious Ore-8.332 mill. te	Annual return of 2021-22, updating the reserve position has not been submitted till the date of insp.	Due date of submission of AR is up to 30.06.2022
1f	General remarks of inspecting officers on geology, exploration etc	-	-	Exploration has been carried out earlier as proposed.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	North pit N1776600 E 597200 South pit N1775600 E597100	Carried out in the same area as proposed	-
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches for OB/waste maintained.	Separate benches for OB/waste maintained.	Top soil: Nil

2c	Stripping ratio or ore to OB ratio	1:0.50	1:0.73	Te :Te
2d	Quantity of topsoil generation in m3	Not proposed	Not proposed	-
2e	Quantity of overburden generation in m3	301450 MT	228639 MT	-
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-	-	Mineral Deposit of the mine is low grade and highly disturbed & fractured. Development being carried out in both North & South pits.

#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	02Nos. North & South Pit	02 Nos. North & South Pit	-
3b	Quantity of ROM mineral production proposed	TOTAL ROM : 600000MT (ORE: 156417 MT Mineral Reject: 443583 MT) in 2021-22	TOTAL ROM production = 313205 te (ORE+MINERAL REJECT : =65500+247705 te );	Quantity of ROM mineral production is given as reported by Mines manager during inspection; Annual return for FY 2021-22 is not submitted till the date of inspection
3c	Recovery of sailable/usable mineral from ROM production	ORE: 156417 MT in 2021-22	Ore 65500 MT	-
3d	Quantity of mineral reject generation	Mineral Reject: 443583 MT in 2021-22 --	Mineral Reject: 247705 MT	-
3e	Grade of mineral rejects generation and threshold value declared.	ABOVE 35 % Grade	Fe 35%- 45%	-
3f	Quantity of sub grade mineral generation.	Nil	Nil	-

3g	Grade of sub grade mineral generation	Not applicable	Not applicable	-
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized	Mechanized	-
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	--	--	-
3j	Provision of drilling and blasting in mineral benches	Yes	Yes	Used Wagon Drill of 112 mm for Blasting using Slurry explosive and Milli second detonators (Control Blasting)
3k	Provision of mining machineries in mineral benches	Yes	Yes	Using Excavators, Front end loader & Tippers/Dumpers for transport of ore/OB
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes	Bench Height 6mts Width 12-14 mts in Ore & OB Benches
3m	Total area covered under excavation/pits	23.65Ha proposed up to 2024-25 Plan Period	About 23 Ha. up to 2021-22	-
3n	Ore to OB ratio for the pit/mine during the year.	1:0.50	1:0.73	Te :Te
3o	Total area put in use under different heads at the end of year	27.56 Ha proposed up to 2024-25 Plan Period	About 26 Ha. up to 2021-22	-

3p	Production of ROM mineral during the last five year period as applicable	500000MT:2017-18 600000MT:2018-19 600000MT:2019-20 600000MT:2020-21 600000MT:2021-22	235500 MT :2017-18 480500MT:2018-19 168100MT:2019-20 216300MT:2020-21 313205MT:2021-22	ROM (te) production figure is given as mentioned in approved Mining Plan (MMP &RMP) & Annual Returns submitted and for 2021-22 given as reported by Mines manager during inspection
3q	General remarks of inspecting officers on method of mining etc.	-	-	Mechanized open cast method of mining being followed with shovel-dumper combination.

## Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes	Yes	-
4b	Location of topsoil, OB and mineral reject dumps	at the earmarked place in the S-W corner of ML area near to BP-Nos 9 & 10	at the earmarked place in the S-W corner of ML area near to BP-Nos 9 & 10	OB/Waste dump
4c	Number of dumps within lease area and outside of lease area	Lease area = 1 Non Lease area = 0	Lease area = 1 Non Lease area = 0	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside UPL	Outside UPL	-
4e	Number of active and alive dumps.	1	1	-
4f	Number of dead dumps.	2	2	-
4g	Number of dumps established.	1	1	-
4h	Whether Retaining wall or garland drain all along dumps are there.	yes	yes	-

4i	Length of Retaining wall or garland drain all along dumps	Proposed around active waste Dump	Retaining Wall- 700 Mts Garland Drains- 3 Nos Check Dams- 3 Nos	Along Toe of dump in South pit.
4j	Number of settling ponds	-	-	-
4k	Specific comments of inspecting officer on waste dump management	-	-	Waste dumping is approved to be carried at the earmarked place in the S-W corner of ML area near to BP-9 & 10.; and being carried out in the same area

---

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No proposal in 2021-22	Nil	-
5b	Area under backfilling of mined out area	No proposal in 2021-22	Nil	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal	Nil	-
5d	Total area fully reclaimed and rehabilitated	No proposal	Nil	-
5e	General remarks of inspecting officers on backfilling and reclamation etc.	--	-	Backfilling/ reclamation of mined out area has not envisaged in Fy 2021-22 in approved RMP (Mining Plan).

---

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
--------	------	-----------	-------------	---------

6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	-	-	-
6b	Area available for rehabilitation (ha) .	NA	NA	-
6c	afforestation done (ha).	NA	NA	-
6d	No. of saplings planted during the year	NA	NA	-
6e	Cumulative no .of plants	NA	NA	-
6f	Any other method of rehabilitation	NA	NA	-
6g	Cost incurred on watch and care during the year	NA	NA	-
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	NA	NA	-
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NA	NA	-
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	NA	NA	-
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NA	NA	-



6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NA	NA	-
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	2021-22: 1500 Nos. of sapling	2021-22 : 1615 Nos. of sapling	In 7.5 m safety barrier and Adjoin to the Mine Lease Boundary
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	0.05 ha.	0.07 ha.	-
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Plantation	Plantation	-
6p	Compliance of environmental monitoring (core zone and buffer zone)	Regular Environment monitoring is envisaged in PMCP.	Complied with	-
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-	Plantation & environmental protective works being carried out

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade wise sorting	Grade wise sorting	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical	Mechanical	Crushing & Screening, Sorting Manual and Mechanical
7c	Different grade of mineral sorted out at mines.	Yes	Yes	Fe : 45%-55% 35%- 45%

7d	Any beneficiation process at mines	yes	yes	BENIFICATION PLANT is installed NEAR BY outside LEASE AREA
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	-	-	Dry Crushing & Screening being carried out within lease area.

## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not in proposal	Not generated	-
8b	Concurrent use or storage of topsoil	Not in proposal	NA	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	OB Dump-1 Mineral Reject -2	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not in proposal	NA	-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not in proposal	Nil	-
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	1500 Nos in 2021-22	3115 nos. (Within Mine Lease and adjacent area)	Cumulative 37600 Nos. WML
8g	Survival rate	-	About 65%	-

8h	Water sprinkling on roads to control airborne dust	Water sprinkling by Water tanker	Water sprinkling being carried out by engaging water tankers	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	-	-	Aesthetic beauty in and around mines area is good.

---

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	-	MR Submitted up to = April 2022 AR Submitted up to = 2020-21	Annual Return of FY 2021-22 is not Submitted up to the date of inspection. Due date of submission is by 30 Jun of Proceeding Year

---

**Details of violations observed during current inspection and compliance position of violation pointed out**

Violation observed		Show couse position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on

Date :

(PREM PRAKASH)

Indian Bureau of Mines