

Information Sheet

Part-I: General

S. N.	Particulars	Details
1	Name of the Mine	BANSPANI IRON ORE MINES
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	TOTAL : 381.417 Ha as per DGPS and 380.40 as per ROR. FOREST : 187.753 Ha Got Stage 2 Clearance : 183.218 Ha (-4.535 Ha railway) NON FOREST : 192.647 Ha
3	Mine code	30ORI08089
4	IBM Registration Number under rule 45 of MCDR,	IBM/4269/2011
5	Name of the lessee, Address, phone, email and fax number	M/s. OMC LTD. OMC HOUSE POST BOX NO:-34,UNIT-V BHUBANESWAR-751001
6	Village	BANSPANI
7	Taluka/Mandal	Champua
8	District	KEONJHAR
9	Pin code	758034
10	State	ODISHA
11	Post office	Banspani
12	Nearest police station	JODA
13	Nearest Railway station	Banspani
14	Date of Grant of Mining Lease	23.04.1965
15	Date of Execution	21.05.1966
16	Date of opening of Mine	16.05.2022
17	Date of first Renewal, if applicable and its period	
18	Date of second Renewal, if applicable and its period & expiry	
19	Date of submission of renewal application if Mining Operations are continuing under deemed	10.05.1995
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Sri Balwant Singh, IAS 2392778(O),2394655(O) md@odishamining.in OMC HOUSE POST BOX NO:-34,UNIT-V BHUBANESWAR-751001
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Sri A.K Pradhan, (Agent-Cum-R.M) Phone-9437431943 Regional Office , Barbil P.O- Barbil, Dist-Keonjhar,
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Sri Deepak Kumar Banspani Iron Ore Mines At- Banspani, Po- Joda, Dist- Keonjhar-758034 Mail - manager.banspani@gmail.com Phone-9439854089 DOA – 18/10/2021

23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Sri Suraj Sethy B.Tech – Mining Engg. At- Banspani, Po- Joda, Dist- Keonjhar-758034 surajsethy7@gmail.com Phone-7978618747 DOA – 22/06/2022
24	Name of the Geologist, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Sri Biswajit Basak M.Sc – Applied Geology At- Banspani, Po- Joda, Dist- Keonjhar-758034 Mail – biswajit.basak@odishamining.in Phone-7725993714 DOA – 22/10/2021
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	22.11.2017 (FY 2018-19 to FY 2022-23) & 15.03.2022 (FY 2022-23)
26	Date of Approval of Scheme of Mining /Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	22.11.2017, FY 2018-19 to FY 2022-23
27	Mineral(s) granted in lease and proved for mining	Hematite
28	Method of Mining(Open cast, Underground)	Open cast
29	Category (Fully Mechanized, Others or Manual)	Fully Mechanized
30	Captive/Non Captive	Non Captive

Details about Mining Plan/ Mining Scheme

a) Letter No. and date of approval of mining plan	:	
b) Letter No. and date of approval of Review of Mining Plan	:	MS/OTFM/29-ORI/BHU/2017-18
c) Period of mining plan/ mining scheme in force :	:	2017-18 to 2022-23

PART II-

1. **Scientific Mining:** 2021-22 (up to date of inspection)

Exploration:

S.N.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	NIL	3740m drilling (49boreholes) were proposed. Due unavailability of forest clearances, exploration was not started.
1b	Exploration over lease area for Geological axis 1 or 2.	101.342Ha	NIL	

1c	Exploration Agency & Expenditure in lakh Rupees during the year	NIL	NIL	
1d	Balance area to be explored to bring Geological axis in 1 or 2	138.806Ha	NIL	
1e	Balance reserves as on 01.09.2022	14734760 metric Ton	14734760 metric Ton	

2. Development:

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	KMC Quarry (RL-488 to RL-506) & Banspani Top Quarry (RL-630 to RL-640)	Nil	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	-	-	
2c	Stripping ratio or ore to OB ratio	1:0.49	Nil	No Mining Operation due to want of Forest clearance. In the year of 2021-22. Mining operation resumed on 16.05.2022 after obtaining forest clearance.
2d	Quantity of topsoil generation in m ³	-	-	
2e	Quantity of overburden generation in m ³	1278238 m ³	Nil	

3. Exploitation

S.N.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	2 no.s of pit (KMC Quarry & Banspani top Quarry)	Nil	No Mining Operation due to want of Forest clearance. In the year of 2021-22. Mining operation resumed on 16.05.2022 after obtaining forest clearance.
3b	Quantity of ROM mineral production proposed	0.9 Million tonnes (2021-22)	Nil	
3c	Recovery of salable/usable mineral from ROM production	Nil	Nil	

3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral reject generation and threshold value declared	55% Fe & 45%Fe	Nil	
3f	Quantity of sub-grade mineral generation	Nil	Nil	
3g	Grade of sub-grade mineral generation	55% Fe	Nil	
3h	Manual / Mechanized method adopted for segregating from ROM	Mechanized	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NA	NA	
3j	Provision of drilling & blasting in mineral benches	115mm drill dia with deep hole blasting	Nil	
3k	Provision of mining machineries in mineral benches	Excavator 2.5 m ³ = 3 Dumpers 35T = 15	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench height 6m, width 12m	Nil	
3m	Total area covered under excavation/pits	48.117 ha	48.117	
3n	Ore to OB ratio for the pit/mine during the year	1:0.49	Nil	
3o	Total area put in use under different heads at the end of year		Nil	
3p	Production of ROM mineral during the last five year period as applicable.	42,45,304	Nil	

4. Solid Waste Management-Dumping:

S.N.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Existing Two Waste dumps exist in KMC Quarry for dumping & 1 new dump between Banspani hill top & KMC Quarry	Nil	No Mining Operation due to want of Forest clearance. In the year of 2021-22. Mining operation resumed on 16.05.2022 after obtaining forest clearance.
4b	Location of topsoil, OB & mineral reject dumps	Dump-1 (336440E,2429886N) & Dump-2 (336746E,2429714N)	Nil	
4c	Number of dumps within lease area and outside lease area	Two dumps exist in KMC Quarry within lease area	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Dump-1(Top RL-566m) & Dump-2 (Top RL-533m)	Nil	
4e	Number of active & alive dumps	Nil	Nil	
4f	Number of dead dumps	02 Nos.	02 Nos.	
4g	Number of dumps stabilized	Nil		
4h	Whether Retaining wall or garland drain all along dumps are there	Nil		
4i	Length of Retaining wall or garland drain all along dump	Nil		
4j	Number of settling ponds	Nil		

5. Solid Waste Management-Backfilling:

S.N.	Item	Proposals	Actual work	Remarks
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5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Nil	Nil	No Mining Operation due to want of Forest clearance. In the year of 2021-22. Mining operation resumed on 16.05.2022 after obtaining forest clearance.
5b	Area under backfilling of mined out area	Nil	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Nil	Nil	
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	

6. Progressive Mine Closure Plan:

S.N.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E (2). Details should be given in the format as given in Annexure-20.			No Mining Operation due to want of Forest clearance. In the year of 2021-22. Mining operation resumed on 16.05.2022 after obtaining forest clearance.
6b	Area available for rehabilitation (ha)	Nil	Nil	
6c	Afforestation done (ha)	Nil	Nil	
6d	No. of saplings planted during the year	Nil	Nil	
6e	Cumulative no. of plants	Nil	Nil	
6f	Any other specific method of rehabilitation	NA	NA	
6g	Cost incurred on watch & care during the year	Nil	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L X B X D).	Nil	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Void filled by waste/tailings.	Nil	Nil	

6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on the backfilled area.	Nil	Nil	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir.	Nil	Nil	
6l	Compliance on reclamation and rehabilitation by backfilling (v) Any other specific means	Nil	Nil	
6m	Compliance of Rehabilitation of waste land within lease (i)Afforestation	Nil	Nil	
6n	Compliance of Rehabilitation of waste land within lease (ii) Area rehabilitated (ha) Method of rehabilitation	Nil	Nil	
6o	Compliance of Rehabilitation of waste land within lease (iii) Method of rehabilitation	Nil	Nil	
6p	Compliance of Environmental monitoring (core zone & buffer zone)	Nil	Nil	

7. Mineral Conservation:

S.N.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area			No Mining Operation due to want of Forest clearance. In the year of 2021-22. Mining operation resumed on 16.05.2022 after obtaining forest clearance.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanical	Nil	
7c	Different grade of mineral sorted out at mines	Nil	Nil	
7d	Any beneficiation process at mines	Nil	Nil	

8. Environment:

S.N.	Item	Proposals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	Nil	Nil	No Mining Operation due to want of Forest clearance. In the year of 2021-22. Mining operation resumed on 16.05.2022 after obtaining forest clearance.
8b	Concurrent use or storage of topsoil	Nil	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Nil	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Nil	Nil	
8g	Survival rate	Nil	Nil	
8h	Water sprinkling on roads to control airborne dust	Nil	Nil	

9. Compliance of Rule 45

S.N.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly return (August-2022)	Monthly return submitted (August-2022)	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Nil	Nil	No Mining Operation due to want of Forest clearance. In the year of 2021-22. Mining operation resumed on 16.05.2022 after

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Nil	Nil	
9d	Scrutiny of Annual return on Afforestation	Nil	Nil	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost etc.	Nil	Nil	
9h	Scrutiny of Annual return on fixed assets	Nil	Nil	
9i	Scrutiny of Annual return on mining machineries	Nil	Nil	