

# INDIAN BUREAU OF MINES

## --:-- Inspection Report --:--

### Part-I : General Information

#### 1.1.1 Mine Details

Name of the Mine :	30RAJ17010	Lease Area (Ha) :	5.00
Forest Area (Ha) :	N/A	Mine Code :	30RAJ17010
Registration Number :	IBM/5539/2011	Name of lessee :	SHIKHA
Address of lessee :	CHHAWANI ,NEEM KA THANA, NEEM KA THANA	Phone of lessee :	01574-230128
Email of lessee :	Chhaganlalmodi@gmail.com	Fax Number :	N/A
Village :	Keroth	Taluka / Mandal :	Udaipurwati
District :	Sikar	Pincode :	332713
State :	Rajasthan	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	2004-12-18	Date of Mining Lease Execution :	2004-12-16
Date of opening in the mine :	2004-12-08		

<b>Nominated Owner Details</b>			
Name of the Nominated Owner :	N/A	Nominated Owner Address:	N/A
Nominated Owner Mobile :	N/A	Nominated Owner Email :	N/A
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	Nil
<b>Mining Engineer Details</b>			
Name of the Mining Engineer :	J. C. Porwal	Qualification of Mining Engineer :	AMIE (Mining)
Address of Mining Engineer :	Kalli Ka Batta, Near Railway Station Thana Road, Neem Ka Thana, Distt. - Sikar, Rajasthan	Phone of Mining Engineer :	9414163361
Email of Mining Engineer :	Chhaganlalmodi@gmail.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2015-04-24		
<b>Geologist Details</b>			
Name of the Geologist :	S.N. Tank	Qualification of Geologist :	M.Sc (Geology)
Address of Geologist :	Kalli Ka Batta, Near Railway Station Thana Road, Neem Ka Thana, Distt. - Sikar, Rajasthan	Phone of Geologist :	N/A
Email of Geologist :	Chhaganlalmodi@gmail.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2022-05-01		
<b>Mine Manager Details</b>			
Name of the Mine Manager :	Sajjan Meena	Qualification of Mine Manager :	Mines Foreman Approved By DGMS
Address of Mine Manger :	Kalli Ka Batta, Near Railway Station Thana	Phone of Mine Manger :	N/A

	Road, Neem Ka Thana, Distt. - Sikar, Rajasthan		
Email of Mine Manger :	N/A	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2022-05-22		
Mineral(s) granted in lease and proved for mining :	IRON ORE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2025-03-29 (2025 - 2029)
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Non Captive		

## Part-II : Other Information

### 2.1.1 : Inspection Details

Inspecting Officer :	Shyamal Mandal
Designation :	Inspection Officer
Name of the Accompanying Official from Mine :	J. C. Porwal
Designation of the Accompanying Official :	Mining Engineer
Type of Inspection :	MCDR,STR
Date of Inspection :	23/09/2025
Review year considered for MCDR Inspection :	2024-2025

**2.2.1 : Exploration Details**

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File	
1	Number of Core Boreholes	As per approved mining plan during (2024-25) - Nil	Nil	Nil	No Violation	Proposal from (26/05/2023 to 19/06/2023) - 7 nos. of Core boreholes. However, the lessee has reported of 7 boreholes, 350 meters (25x25) in the annual return for the financial Year 1st April, 2022 to 31st March, 2023.	Nil	
2	Number of DTH Boreholes	Nil	Nil	Nil	No Violation	Nil	Nil	
3	Number of exploratory pits / trial pits	Nil	Nil	Nil	No Violation	Nil	Nil	
4	Number of exploratory Trenches	Nil	Nil	Nil	No Violation	Nil	Nil	
5	Lateral exploration status for the lease area	G1	1.85	1.85	Nil	No Violation	Nil	Nil
6		G2	0.58	0.58	Nil	No Violation	Nil	Nil
7		G3	0.19	0.19	Nil	No Violation	Nil	Nil

8		G4	Nil	Nil	Nil	No Violation	Area proved as Non-mineralized is 2.38 ha has been mentioned in the Period for which modification is proposed (2025-2026 to 2029-2030)	Nil
9	UNFC category wise reported Resources/Reserves as per MP/MMP ROMP  Total Reserves (111, 121 & 122) and Total Mineral Resources (331, 332 & 333 upto 334)	Total Reserves - Proved Mineral Reserve (111) - 314407.50 T, Probable Mineral Reserve (122) - 73260 T, Feasibility Mineral Resource (211) - 300440 T, Prefeasibility Mineral Resource (222) - 27472.50 T and Inferred Mineral Resource (333) - 23310 T Total Mineral Resources - 738890 T.	Total Reserves - Proved Mineral Reserve (111) - 314407.50 T - 1530.00 T i.e 312877.5 , Probable Mineral Reserve (122) - 73260 T, Feasibility Mineral Resource (211) - 300440 T, Prefeasibility Mineral Resource (222) - 27472.50 T and Inferred Mineral Resource (333) - 23310 T Total Mineral Resources - 737,360 T	Nil	No Violation	Nil	Nil	

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**2.3.1 : Development - Opencast Details**

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Location of development w.r.t. lease area	N-568770 E-3066728 and N-568826 E-3066718	N-568770 E-3066728 and N-568826 E-3066718	Nil	No Violation	Nil	Nil
2	Quantity of overburden generation in m3	6367	2110	4257.000	No Violation	Nil	Nil
3	Quantity of topsoil generation in m3	Nil	Nil	0	No Violation	Nil	Nil
4	Stripping ratio : ore to OB ratio	1.56	1.48	0.080	No Violation	Nil	Nil

**2.4.1 Exploitation - Opencast Mine Details**

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of pits / Blocks proposed for production	1	1	0.000	No Violation	Nil	Nil
2	Quantity of ROM mineral production proposed (in T)	12347	1530	10817.000	Rule 11(1)	Nil	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	11122	1530	9592.000	No Violation	Already under rule 11(1) of	Nil

						MCDR 2017 issued for less production.	
4	Quantity of mineral reject/Sub-grade generation	1058.20 T	Nil	0	No Violation	Nil	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	NA	NA	0	No Violation	Nil	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Nil	Nil	0	No Violation	Nil	Nil
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	Bench height - 5m Bench width - 5.8 m	Found satisfactory	0	No Violation	Nil	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NA	NA	0	No Violation	Nil	Nil

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### 2.4.3 : Exploitation - Dump Working Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of dumps proposed for production	No proposal	Nil	0	No Violation	Nil	Nil
2	Quantity of dump material handling Proposed (in Tonne)	Nil	Nil	0	No Violation	Nil	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	Nil	Nil	0	No Violation	Nil	Nil
4	Production from dump(s) during the year	Nil	Nil	0	No Violation	Nil	Nil
5	Quantity of mineral reject generation	Nil	Nil	0	No Violation	Nil	Nil
6	Grade of mineral reject generation and threshold value declared	Nil	Nil	0	No Violation	Nil	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	N/A	N/A	0	No Violation	Nil	Nil
8	Manual / Mechanized method adopted for dump working	Nil	Nil	0	No Violation	Nil	Nil

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### 2.5.1 : OB/Waste Dumps Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	Proposed 1 OB dump	1	0	No Violation	Nil	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Latitude (dd:mm:ss.ss) 27:43:21.51 to 27:43:21.83 and Longitude (dd:mm:ss.ss) 75:41:45.70 to 75:41:46.26	Found as per proposal	0	No Violation	Nil	Nil
3	Number of active & Inative dumps	1	1 active OB dump	0.000	No Violation	Nil	Nil
4	Number of dead dumps	Nil	Nil	0	No Violation	Nil	Nil
5	Number of dumps proposed for stabilished	No proposal	Nil	0	No Violation	Nil	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	No proposal	NA	0	No Violation	Nil	Nil

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**2.6.1 : Solid Waste Management - Backfilling (Opencast) Details**

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Status on part or full extraction of mineral from mined out area before starting backfilling	Not fully extracted	Nil	0	No Violation	Nil	Nil
2	Year-wise area under backfilling of mined out area	No proposal	Nil	0	No Violation	Nil	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	No proposal	Nil	0	No Violation	Nil	Nil
4	Total area fully reclaimed & rehabilitated	Nil	Nil	0	No Violation	Nil	Nil
5	Locations of proposed reclamation & rehabilitated	NA	NA	0	No Violation	Nil	Nil

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**2.7.1 : Progressive Mine Closure Plan (PMCP) Details**

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Compliance on reclamation and rehabilitation by backfilling/Other means  Total area and numbers of plantation proposed.	Nil	Nil	0	No Violation	Nil	Nil
2	Rehabilitation by making water reservoir	No proposal	Nil	0	No Violation	Nil	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Afforestation - 0.20 ha and No. of trees to be planted - 192	Found satisfactory	0	No Violation	Nil	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Proposal has been given for environment monitoring.	Found satisfactory	0	No Violation	Nil	Nil

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**2.8.1 : Mineral Conservation Details**

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	ROM Mineral dispatch or grade-wise sorting within lease area	Nil	Nil	0	No Violation	Nil	Nil
2	Different grade of mineral sorted out at mines	Nil	Nil	0	No Violation	Nil	Nil
3	Any beneficiation process at mines	Nil	Nil	0	No Violation	Nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Nil	Nil	0	No Violation	Nil	Nil

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**2.9.1 : Environment Details**

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Separate removal and utilization of topsoil	Nil	Nil	0	No Violation	Nil	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	Nil	0	No Violation	Nil	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	0	No Violation	Nil	Nil
4	Plantation & Survival rate	Plantation - 192 Survival rate - 75	Plantation - 578 Survival rate - 70	0	No Violation	Nil	Nil
5	Water sprinkling on roads to control airborne dust	1	1	0.000	No Violation	Nil	Nil

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## 2.10 : Annual Return Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Submission of Online Monthly and Annual returns in prescribed period or not	As per rule 45	Submitted on time.	0	No Violation	Nil	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Appointed	Appointed	0	No Violation	The details given in the general information.	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Yes	Ex-mine price is less than Cost of production which needs clarification.	1	Rule 45(7)	Details of Cost of production needs to be given.	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	NA	NA	0	No Violation	Nil	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	Submitted	Submitted	0	No Violation	Nil	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex mine price - Rs 1619.15. and Production cost per ton - Rs 2099.06	Not found satisfactory	0	No Violation	Under rule 45(7) of MCDR 2017 has already been issued for incomplete or false or wrong returns submitted (Rule 45(7))	Nil

**2.11 : SDF Details**

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Start Ratings accorded for mine during last 3 years	Start Ratings accorded for mine during last 3 years - 3	3	0	No Violation	Nil	Nil

**Part-III : Other Reports****3.1.1 : Upload Other Reports**

S.N.	Reports File	Remark   File Description
1	Nil	Nil
2	Nil	Nil

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## Part-IV : Summary Details

### 4.1 : Summary of Violations

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T)	12347	1530	10817.000	Rule 11(1)	Nil	Nil
2	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	Yes	Ex-mine price is less than Cost of production which needs clarification.	1	Rule 45(7)	Details of Cost of production needs to be given.	Nil

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Esigned by:  Shyamal Mandal  
Date: 29/10/2025 05:07:41 PM