

# INDIAN BUREAU OF MINES

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

### Part-I : General Information

#### 1.1.1 Mine Details

Name of the Mine :	SAJIT(161/2013)	Lease Area (Ha) :	4.363
Forest Area (Ha) :	4	Mine Code :	97RAJ14018
Registration Number :	IBM/46086/2024	Name of lessee :	Ratan
Address of lessee :	OFFICE NO 12 SECOND FLOOR M SETHIYA COMPLEX ,NEAR HOTEL KAILASH INTERNATIONAL CHOAHTAN ROAD, BARMER	Phone of lessee :	-
Email of lessee :	Ratanbhoot@gmail.com	Fax Number :	N/A
Village :	Sanjeet	Taluka / Mandal :	Fatehgarh
District :	JAISALMER	Pincode :	344001
State :	Rajasthan	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	2017-01-09	Date of Mining Lease Execution :	2017-01-09

Date of opening in the mine :	2017-01-09		
<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 :	Shri Ram Rakh Meghwal	Qualification of Mining Engineer :	Diploma In Mining
Address of Mining Engineer :	Bhopalgarh, Jodhpur	Phone of Mining Engineer :	N/A
Email of Mining Engineer :	Ramrakh2@gmail.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2021-12-14		
<b>Geologist Details</b>			
Name of the Geologist :	Shri Shyam Sundar	Qualification of Geologist :	Msc(Geology)
Address of Geologist :	Udaipur	Phone of Geologist :	N/A
Email of Geologist :	N/A	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2021-12-14		
<b>Mine Manager Details</b>			
Name of the Mine Manager :	N/A	Qualification of Mine Manager :	N/A
Address of Mine Manger :	N/A	Phone of Mine Manger :	N/A
Email of Mine Manger :	N/A	Fax Number of Mine Manger :	N/A

Date of Mine Manger Appointment :	Nil		
Mineral(s) granted in lease and proved for mining :	SILICEOUS EARTH	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	N/A
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Non Captive		

### Part-II : Other Information

#### 2.1.1 : Inspection Details

Inspecting Officer :	AJAY JATOLIA
Designation :	AME
Name of the Accompanying Official from Mine :	Mine Owner
Designation of the Accompanying Official :	Shri Ratan Lal Khatri
Type of Inspection :	MCDR,STR
Date of Inspection :	13/02/2025
Review year considered for MCDR Inspection :	2023-2024

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**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		No proposal	Not applicable	Nil	No Violation	Nil	Nil
2	Number of DTH Boreholes		No proposal	Not applicable	Nil	No Violation	Nil	Nil
3	Number of exploratory pits / trial pits		No proposal	Not applicable	Nil	No Violation	Nil	Nil
4	Number of exploratory Trenches		No proposal	Not applicable	Nil	No Violation	Nil	Nil
5	Lateral exploration status for the lease area	G1	3.7436	3.7436	0.000	No Violation	Nil	Nil
6		G2	0.6194	0.6194	0.000	No Violation	Nil	Nil
7		G3	0	0	0.000	No Violation	Nil	Nil
8		G4	0	0	0.000	No Violation	Nil	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)		As per approved plan dated24/03/2021, Reserve-136638 tons and Resources-44955 tons	As per approved plan dated24/03/2021, Reserve-136638 tons and Resources-44955 tons	Nil	No Violation	Nil	Nil

### 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	Development has been proposed in east side of lease.	Development has been proposed in east side of lease.	Nil	No Violation	Nil	Nil
2	Quantity of overburden generation in m <sup>3</sup>	14425 Cum	Nil	Nil overburden has been produced against the proposal of 14425 Cum overburden	Rule 11(1)	Nil	Nil
3	Quantity of topsoil generation in m <sup>3</sup>	No proposal	Not applicable as no proposal	Nil	No Violation	Nil	Nil
4	Stripping ratio : ore to OB ratio	1:1.19 tonne/ Cum	Nil	Nil stripping ratio has been done against the proposal of 1:19	Rule 11(1)	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	One	One	Nil	No Violation	Nil	Nil
2	Quantity of ROM mineral production proposed (in T)	13200 tonne	12151 tonne	Nil	No Violation	Nil	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	90%	100%	Nil	Rule 11(1)	Nil	Nil
4	Quantity of mineral reject/Sub-grade generation	1320	Nil	Nil	No Violation	Nil	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	No specific proposal	Not applicable	Nil	No Violation	Nil	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Manual	Manual	Nil	No Violation	Nil	Nil
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	Yes	As per proposal	Nil	No Violation	Nil	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	Not applicable	Nil	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	Not applicable	Nil	No Violation	Nil	Nil
2	Quantity of dump material handling Proposed (in Tonne)	No proposal	Not applicable	Nil	No Violation	Nil	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	No proposal	Not applicable	Nil	No Violation	Nil	Nil
4	Production from dump(s) during the year	No proposal	Not applicable	Nil	No Violation	Nil	Nil
5	Quantity of mineral reject generation	No proposal	Not applicable	Nil	No Violation	Nil	Nil
6	Grade of mineral reject generation and threshold value declared	No proposal	Not applicable	Nil	No Violation	Nil	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	No proposal	Not applicable	Nil	No Violation	Nil	Nil
8	Manual / Mechanized method adopted for dump working	No proposal	Not applicable	Nil	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)	OB will backfill in working pit after complete extraction of mineral from pit, has been proposed.	Not applicable. However, no topsoil and OB has been generated during the year.	Nil	No Violation	Nil	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	No proposal	Not applicable	Nil	No Violation	Nil	Nil
3	Number of active & Inative dumps	No proposal	Not applicable	Nil	No Violation	Nil	Nil
4	Number of dead dumps	No proposal	Not applicable	Nil	No Violation	Nil	Nil
5	Number of dumps proposed for stabilished	No proposal	Not applicable	Nil	No Violation	Nil	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	No proposal	Not applicable	Nil	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	1.28855 Ha	1.28855 Ha.	Nil	No Violation	Nil	Nil
2	Year-wise area under backfilling of mined out area	2021-22:0.12 Ha.,2022-23:0.12 Ha., 2023-24:0.15 Ha.	2021-22:0.12 Ha.,2022-23:0.12 Ha., 2023-24:Nil Ha.	Nil backfilling has been carried out during the year against the proposal of 0.15 Ha.	Rule 11(1)	Nil	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	No proposal	Not applicable	Nil	No Violation	Nil	Nil
4	Total area fully reclaimed & rehabilitated	Proposed	As per proposal	Nil	No Violation	Nil	Nil
5	Locations of proposed reclamation & rehabilitated	Proposed	Carried out within proposed limit.	Nil	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.	40 Nos	40 Nos	Nil	No Violation	Nil	Nil
2	Rehabilitation by making water reservoir	No proposal	Not applicable	Nil	No Violation	Nil	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No proposal	Not applicable	Nil	No Violation	Nil	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Proposed	As per proposal	Nil	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	13200 tonne	12151 tonne	Nil	No Violation	Nil	Nil
2	Different grade of mineral sorted out at mines	No proposal	Not applicable	Nil	No Violation	Nil	Nil
3	Any beneficiation process at mines	No proposal	Not applicable	Nil	No Violation	Nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	No proposal	Not applicable	Nil	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	No proposal for generation of top soil during the year	Not applicable	Nil	No Violation	Nil	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Not applicable	Nil	No Violation	Nil	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	Not applicable	Nil	No Violation	Nil	Nil
4	Plantation & Survival rate	40nos & 20%	40nos & 20%	Nil	No Violation	Nil	Nil
5	Water sprinkling on roads to control airborne dust	Proposed	As per proposal	Nil	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 of MCDR, 2017 monthly and annual returns to be submitted.	Submitted timely	Nil	No Violation	Nil	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	01 Mining Engineer and 01 Geologist	Appointed	Nil	No Violation	Nil	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	No	Found in order	Nil	No Violation	Nil	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	No proposal	Not applicable	Nil	No Violation	Nil	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	Submitted timely	Found in order	Nil	No Violation	Nil	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	EMP- 509.67 Rs/ tonne and COP-240	Appears to be in order.	Nil	No Violation	Nil	Nil

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**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	3 Star	3 Star	Nil	No Violation	Nil	Nil

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

S.N.	Reports File	Remark   File Description
1	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	Development - Opencast : Quantity of overburden generation in m <sup>3</sup>	14425 Cum	Nil	Nil overburden has been produced against the proposal of 14425 Cum overburden	Rule 11(1)	Nil	Nil
2	Development - Opencast : Stripping ratio : ore to OB ratio	1:1.19 tonne/Cum	Nil	Nil stripping ratio has been done against the proposal of 1:19	Rule 11(1)	Nil	Nil
3	Exploitation - Opencast Mine : Recovery of salable/usable mineral quantity from ROM production in T)	90%	100%	Nil	Rule 11(1)	Nil	Nil
4	Solid Waste Management - Backfilling (Opencast) : Year-wise area under backfilling of mined out area	2021-22:0.12 Ha.,2022-23:0.12 Ha., 2023-24:0.15 Ha.	2021-22:0.12 Ha.,2022-23:0.12 Ha., 2023-24:Nil Ha.	Nil backfilling has been carried out during the year against the proposal of 0.15 Ha.	Rule 11(1)	Nil	Nil

Signed by:  JAY JATOLIA  
Date: 08/04/2025 03:04:39 PM