

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	38RAJ14002	Lease Area (Ha) :	1000
Forest Area (Ha) :	N/A	Mine Code :	38RAJ14002
Registration Number :	IBM/5158/2011	Name of lessee :	RAJASTHAN STATE MINES AND MINERALS LIMITED
Address of lessee :	C-89-90 JANPATH ,LAL KOTHI SCHEME, JAIPUR	Phone of lessee :	0141-2743734
Email of lessee :	Minephos.rsmml@rajasthan.gov.in	Fax Number :	N/A
Village :	Sonoo	Taluka / Mandal :	Ramgarh
District :	Jaisalmer	Pincode :	302015
State :	Rajasthan	Post Office :	N/A
Nearest Police Station :	Ramgarh police station	Nearest Railway Station :	Jaisalmer
Date of Grant of Mining Lease :	2010-07-22	Date of Mining Lease Execution :	2010-07-22
Date of opening in the mine :	1987-03-19		

Nominated Owner Details			
Name of the Nominated Owner :	Mr RAJENDRA BHATT	Nominated Owner Address:	4, MEERA MARG UDAIPUR RAJASTHAN
Nominated Owner Mobile :	9414166116	Nominated Owner Email :	Md.rsmml@rajasthan.gov.in
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2024-01-06
Mining Engineer Details			
Name of the Mining Engineer :	Gajja Ram	Qualification of Mining Engineer :	B.E. (Mining)
Address of Mining Engineer :	RSMML, Post Bag No.56, Khanij Bhawan, Near BP Tank , Jaisalmer -345001	Phone of Mining Engineer :	9414090443
Email of Mining Engineer :	Gajjaram. Rsmml@rajasthan.gov.in	Fax Number of Mining Engineer :	0294242877
Date of Mining Engineer Appointment :	2024-10-08		
Geologist Details			
Name of the Geologist :	Ashwini Kumar Jaiswal	Qualification of Geologist :	M. Tech. (Applied Geology)
Address of Geologist :	8, West Patel Nagar, Jodhpur	Phone of Geologist :	9414163343
Email of Geologist :	Ashjais.64@gmail.com	Fax Number of Geologist :	029424287
Date of Geologist Appointment :	2025-01-21		
Mine Manager Details			
Name of the Mine Manager :	Ashish Prihar	Qualification of Mine Manager :	B.E. (Mining)
Address of Mine Manger :	RSMML, Post Bag No.56, Khanij Bhawan, Near BP Tank , Jaisalmer -345001	Phone of Mine Manger :	9414163329

Email of Mine Manger :	Ashishparihar.rsmml@rajasthan.gov.in	Fax Number of Mine Manger :	0294242877
Date of Mine Manger Appointment :	2024-10-08		
Mineral(s) granted in lease and proved for mining :	LIMESTONE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2023-06-09 (2023 - 2026)
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Non Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	Mohammad Salman
Designation :	Inspection Officer
Name of the Accompanying Official from Mine :	Sh Ashish Parihar
Designation of the Accompanying Official :	Mines Manager
Type of Inspection :	MCDR,STR
Date of Inspection :	12/08/2025
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 the approved mining plan, the proposed number of boreholes for the year 2024-25 is 134	No boreholes were executed during the year 2024-25.	134.000	Rule 11(1)	"A total of 134 boreholes, comprising 4,690 meters of exploratory drilling was proposed. However, no drilling activity was undertaken, and consequently, there has been no progress against the proposed target.	Nil	
2	Number of DTH Boreholes	00	00	0.000	No Violation	Nil	Nil	
3	Number of exploratory pits / trial pits	0	00	0.000	No Violation	Nil	Nil	
4	Number of exploratory Trenches	0	00	0.000	No Violation	Nil	Nil	
5	Lateral exploration status for the lease area	G1	1000.00	1000	0.000	No Violation	Nil	Nil
6		G2	0.00	0	0.000	No Violation	Nil	Nil
7		G3	0.00	0	0.000	No Violation	Nil	Nil

8		G4	0.00	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)	Balance resources as on 31.3.2024. Total Reserve 13,145,535.00 Total remaining Resource 376,116,705.00 Total 389,262,240.00	Balance resources as on 31.3.2025 Total Reserve 10,568,207.00 Total remaining resource 39,758,805.00 Total 50,327,012.00	NA	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	South Pit Part-1 direction-East, South Pit Part-2 direction-west, North Pit direction-West	South Pit Part-1 direction-East, South Pit Part-2 direction-west, North Pit direction-West	NA	No Violation	Nil	Nil
2	Quantity of overburden generation in m3	0.00	00	0.000	No Violation	Overlain by Alluvium at few places	Nil
3	Quantity of topsoil generation in m3	0.00	00	0.000	No Violation	No significant top Soil generation.	Nil

4	Stripping ratio : ore to OB ratio	NA	NA	NA	No Violation	Deposit is an outcrop on surface.	Nil
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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	2	2	0.000	No Violation	Nil	Nil
2	Quantity of ROM mineral production proposed (in T)	As per submitted Mining plan, proposal for ROM production in 2024-25 is 3254951	Actual ROM production as per Annual return 2024-25 is 2577328.000	677623.000 (Less production)	Rule 11(1)	Less production observed.	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	1500000 (Recovery of Finished product i.e. 30mm to 80mm size is aprox 45%)	1128077.000 (Actual Recovery of Finished product i.e. (30-80mm size is around 44%)	NA	No Violation	Nil	Nil
4	Quantity of mineral reject/Sub-grade generation	911386.56	Actual Mineral rejects/ subgrade as per Annual return 2024-25 is 625873.000 (depend upon the	285513.560 (less production results less mineral reject/ subgrade)	No Violation	Violation of Rule 11(1) has been given for less production.	Nil

			primary grade)				
5	Grade of mineral reject/sub-grade generation as per threshold value declared	High grade reject-10-30 mm Low grade reject-10 mm	High grade reject-10-30 mm Low grade reject-10 mm	Mineral rejects/subgrade is based on size.	No Violation	Threshold value of Limestone is CaO >34 % MgO <5%	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Mechanized	Mechanized	NA	No Violation	Crushing and Screening of ROM to achieve 30-80 mm finished material than -30 mm up to -5 mm fraction.	Nil
7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	Yes	Yes	It vary from 4 to 6 meter.	No Violation	Nil	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NA	NA	NA	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	As per approved mining plan Total number of dumps : 1 Dump ID : MR-2	00	No production from dump during year 2024-25.	No Violation	A violation has been issued under Rule 11(1) regarding dump handling & production.	Nil
2	Quantity of dump material handling Proposed (in Tonne)	548000.00	00	548000.000 (No output generated from the dump)	No Violation	A violation has been issued under Rule 11(1) due to less dump handling & production	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	328800.00	00	328800.000	No Violation	No output generated from the dump.	Nil
4	Production from dump(s) during the year	As per approved mining plan, proposed recovery of saleable mineral from dump is 328800.00	00	328800.000 (No production from dump during year 2024-25.)	Rule 11(1)	No output generated from the dump. A violation has been issued under Rule 11(1) regarding dump handling & production.	Nil
5	Quantity of mineral reject generation	Proposed waste quantity during year 2024-25 219200.0	NA	NIL	No Violation	No output generated from the dump	Nil
6	Grade of mineral reject generation and	Low grade	No production	NIL (No	No Violation	Threshold value	Nil

	threshold value declared	reject-10 mm	from dump	production from dump)		of Limestone is CaO >34% MgO<5%	
7	Any analysis or beneficiation study proposed & carried out for mineral reject	NA	NA	NIL	No Violation	Nil	Nil
8	Manual / Mechanized method adopted for dump working	Mechanized	Mechanized	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)	NA	NA	NIL	No Violation	The area does not have significant amount of top soil. OB has been systematically dumped in a designated area over the mined-out pit.	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	-	OB- 655459-655601 Easting & 3022378-302205 5 Northing. Fines (subgrade)- 656034-654947 E asting3022034-30 22100 Northing.	OB- 655459-655601 Easting & 3022378-302205 5 Northing. Fines (subgrade)- 656034-654947 E asting3022034-30 22100 Northing.	No Violation	Nil	Nil
3	Number of active & Inative dumps	2	2	0.000	No Violation	Nil	Nil
4	Number of dead dumps	NA	NA	NIL	No Violation	Nil	Nil
5	Number of dumps proposed for stabilshed	NA	NA	NIL	No Violation	Nil	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	NA	NA	NIL	No Violation	Nil	Nil

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	Full extraction of Mineral from mined out area before starting backfilling.	Yes, Full extraction of Mineral from mined out area before starting backfilling.	NIL	No Violation	Nil	Nil
2	Year-wise area under backfilling of mined out area	30.17 Ha	25.23 Ha	Mined out area is simultaneously back-filled with low grade reject in the pit	No Violation	Nil	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Generated :0.00 Utilized :0.00 Stored :0.00	00	NA	No Violation	Nil	Nil
4	Total area fully reclaimed & rehabilitated	Reclaimed area as on 01.04.2025 is 531.180	As on 01.04.2025 531.180 Ha area is reclaimed & 372.57 Ha area rehabilitated with plantation on backfilled area & on remaining area seeds were spreaded.	NA	No Violation	Nil	Nil
5	Locations of proposed reclamation & rehabilitated	Reclaimed area as on 01.04.2025 is	In year 2024-25 Plantation-	NA	No Violation	Nil	Nil

		531.180	654965-654997 Easting & 3022194-301922 7 Northing. Backfilling- 655177-655049 Easting & 3022557-302057 5 Northing.				
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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.	Plantation : Location :3022098N to 3022368N 654974E to 655249E and 3022024N to 3022140N 655732E to 655966E and 3018379N to 3018420N 654712E to 655361E and 3018309N to 3019848N 656425E to 656565E MLB,	11600 plants planted in the lease area during the year 2024-25. Survival rate is aprox 81%. Total no. of trees at the end of the 9415.	NIL	No Violation	Nil	Nil

		Area : 10, No. of Plant : 10000 Plantation : Location :3021951N to 3022224N 655126E to 655404E and 3022117N to 3022244N 655559E to 655787E and 3018420N to 3018460N 654715E to 655361E and 3019848N to 3021518N 656557E to 656565E MLB, Area : 10, No. of Plant : 10000 Pit ID : MRS2, Area : 48929.00					
2	Rehabilitation by making water reservoir	NA	NA	NIL	No Violation	Nil	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	NA	NA	NIL	No Violation	Nil	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	YES	YES	NIL	No Violation	Nil	Nil

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	Total ROM production proposed during year 2024-25 is 3254951.00. ROM quantity of saleable mineral is 2343564.72 & mineral reject is 911386.28.	Actual total ROM production in year 2024-25 is 2577328. Grade wise production 1128076.998 (30-80 mm) 625873.240 (0-30 mm) Despatches from minehead- 1379879.590 (30-80 mm) 451798.690 (0-30 mm)	677623 deviation (Less production) grade wise sorting based on size. 30-80mm- High grad. & 0-30mm- low grade.	No Violation	A violation under Rule 11(1) has already been issued due to low production figures,results less mineral dispatch.	Nil
2	Different grade of mineral sorted out at mines	Different grade of mineral was separated only by screening at plant.	Yes, different grade of mineral was separated only by screening at plant. 40-80mm size gitty 30-60mm size gitty 30-50mm size gitty 10-30mm size gitty	NIL	No Violation	Nil	Nil
3	Any beneficiation process at mines	NA	NA	NIL	No Violation	Nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage,	Used for cement grade.	Used for cement grade.	NIL	No Violation	Nil	Nil

	Blending after Processing etc.)						
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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	Not Proposed	NA	NA	No Violation	Nil	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Mineral rejects & fine is dumped in mined out area & for backfilling	Mineral rejects & fine is dumped in mined out area & for backfilling	NIL	No Violation	Nil	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Area used for Plantation (firewood plant), for natural water reservoirs & backfilled by clayey soil of low grade fines	Area used for Plantation (firewood plant), for natural water reservoirs & backfilled by clayey soil of low grade fines.	NIL	No Violation	Nil	Nil
4	Plantation & Survival rate	Plantation : 10000, Survival Rate : 70	11600 nos. saplings are planted. Survival rate is 81%. Total no. of trees at the end of the year is 9415.	NIL	No Violation	Nil	Nil
5	Water sprinkling on roads to control airborne dust	YES	Yes, However, due to the desert environment, water availability is limited.	NIL	No Violation	Nil	Nil

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	YES	Yes, submitted on time.	NIL	No Violation	Nil	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	YES	Mining Engineer: Gajja Ram Geologist: Ashwini Kumar Jaiswal	NIL	No Violation	Nil	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Submitted	(1) In Part I, uploaded document: Upload UAV Survey (KML/KMZ) file does not contain all expected features. (2) Part VII (cost of production):- (i)An overhead cost of Rs. 51659117 has been reported under Part-III, resulting in an actual overhead rate of Rs. 20.04 per ton of ROM production.	(1) In Part I, uploaded document: Upload UAV Survey (KML/KMZ) file does not contain all expected features. (2) Part VII (cost of production):- (i)An overhead cost of Rs. 51659117 has been reported under Part-III, resulting in an actual overhead rate of Rs. 20.04 per ton of ROM production.	Rule 45(7)	In view of the aforementioned points, it is evident that the submitted Annual Return contains incomplete or false or wrong information.	Nil

However, a rate of Rs. 45.79 per ton has been reported in part-VII under the cost of production.

(ii) Depreciation cost of Rs. 9047935 has been reported under part-III, resulting actual depreciation cost of Rs. 3.51 per ton of ROM production.

However, Rs. 9.19 per ton has been reported in part-VII under the cost of production.

(iii) Total Taxes of Rs. 7671922 has been reported under part III, Section 5, resulting taxes cost of Rs. 4.188 per ton of dispatched material.

However, Rs. 51 per ton has been reported in part-VII under cost of the production.

(iv) Reported examine price for cement grade does not match the actual ex-

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			mine price calculated based on the dispatched value and quantity of ROM. (v)As mentioned in AR 2024-25 Part V, Point 7(ii), the quantity of tailings is reported as 823378. However, no corresponding proposal for this has been observed in the submitted mining plan. Clarify these points.	mine price calculated based on the dispatched value and quantity of ROM. (v)As mentioned in AR 2024-25 Part V, Point 7(ii), the quantity of tailings is reported as 823378. However, no corresponding proposal for this has been observed in the submitted mining plan. Clarify these points.			
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	NA	NA	NIL	No Violation	Nil	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	Submitted	Submitted	NIL	No Violation	Nil	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	YES	Yes	A violation under rule 45(7) has been given due to certain discrepancies identified in the Annual Return for 202425.	No Violation	Nil	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	Year of Submission : 2023-2024 , Rating : 3 Stars	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

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	Exploration : Number of Core Boreholes	As per the approved mining plan, the proposed number of boreholes for the year 2024-25 is 134	No boreholes were executed during the year 2024-25.	134.000	Rule 11(1)	"A total of 134 boreholes, comprising 4,690 meters of exploratory drilling was proposed. However, no drilling activity was undertaken, and consequently, there has been no progress against the proposed target.	Nil
2	Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T)	As per submitted Mining plan, proposal for ROM production in 2024-25 is 3254951	Actual ROM production as per Annual return 2024-25 is 2577328.000	677623.000 (Less production)	Rule 11(1)	Less production observed.	Nil
3	Exploitation - Dump Working : Production from dump(s) during the year	As per approved mining plan, proposed recovery of saleable mineral from dump is 328800.00	00	328800.000 (No production from dump during year 2024-25.)	Rule 11(1)	No output generated from the dump. A violation has been issued under Rule 11(1) regarding dump handling & production.	Nil
4	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	Submitted	(1) In Part I, uploaded document:	(1) In Part I, uploaded document:	Rule 45(7)	In view of the aforementioned points, it is	Nil

Upload UAV Survey (KML/KMZ) file does not contain all expected features. (2) Part VII (cost of production):- (i)An overhead cost of Rs. 51659117 has been reported under Part-III, resulting in an actual overhead rate of Rs. 20.04 per ton of ROM production. However, a rate of Rs. 45.79 per ton has been reported in part-VII under the cost of production. (ii)Depreciation cost of Rs. 9047935 has been reported under part-III, resulting actual deprecation cost of Rs. 3.51 per ton of ROM production. However, Rs. 9.19 per ton has been reported in part-VII under the cost of production. (iii)Total Taxes of Rs. 7671922 has

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