

# INDIAN BUREAU OF MINES

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

### Part-I : General Information

#### 1.1.1 Mine Details

Name of the Mine :	BARWAS(8.91HECTARES)	Lease Area (Ha) :	8.91
Forest Area (Ha) :	N/A	Mine Code :	38HPR10044
Registration Number :	IBM/487/2011	Name of lessee :	Jakra
Address of lessee :	C/O Mam Raj Thakur ,Village And P.O. Sataun, Paonta Sahib	Phone of lessee :	-
Email of lessee :	Jalamsingh@rediffmail.com	Fax Number :	N/A
Village :	Barwas (23)	Taluka / Mandal :	Kamrau
District :	Sirmaur	Pincode :	173029
State :	Himachal Pradesh	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	1987-03-08	Date of Mining Lease Execution :	1987-03-08
Date of opening in the mine :	Nilsss		

<b>Nominated Owner Details</b>			
Name of the Nominated Owner :	Mr ROHIT THAKUR	Nominated Owner Address:	Shalna Kamrau HP
Nominated Owner Mobile :	8219570828	Nominated Owner Email :	Rohitthakur1838@gmail.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2024-04-27
<b>Mining Engineer Details</b>			
Name of the Mining Engineer :	Dharmendra Bhati	Qualification of Mining Engineer :	BE (Mining)
Address of Mining Engineer :	N/A	Phone of Mining Engineer :	9829233994
Email of Mining Engineer :	N/A	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2021-11-16		
<b>Geologist Details</b>			
Name of the Geologist :	Ritu Aggarwal	Qualification of Geologist :	M.Sc In Applied Geology
Address of Geologist :	Nahan, Sirmaur	Phone of Geologist :	8219892651
Email of Geologist :	N/A	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2021-11-16		
<b>Mine Manager Details</b>			
Name of the Mine Manager :	Dharmendra Bhati	Qualification of Mine Manager :	BE (Mining)
Address of Mine Manger :	N/A	Phone of Mine Manger :	9829233994
Email of Mine Manger :	N/A	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2021-11-16		

Mineral(s) granted in lease and proved for mining :	LIMESTONE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2025-12-18 (2026 - 2030)
Method of mining :	Open Cast	Category :	OTHER THAN MECHANISED
Nature of Use :	Non Captive		

## Part-II : Other Information

### 2.1.1 : Inspection Details

Inspecting Officer :	Matiul Islam
Designation :	Inspection Officer
Name of the Accompanying Official from Mine :	Rohit Thakur
Designation of the Accompanying Official :	Partner
Type of Inspection :	MCDR,MPAS,STR
Date of Inspection :	24/10/2025
Review year considered for MCDR Inspection :	2024-2025

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**2.2.1 : Exploration Details**

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Number of Core Boreholes	No proposal	Nil	Nil	No Violation
Remark: A total of 6 exploratory core boreholes were drilled during the plan period for an overall meterage of 120 meters. Remark File: NIL					
2	Number of DTH Boreholes	No proposal	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
3	Number of exploratory pits / trial pits	No proposal	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
4	Number of exploratory Trenches	No proposal	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
5	Lateral exploration status for the lease area - G1	8.91	8.91	0.000	No Violation
Remark: Lease area fully explored upto G1 level of exploration. Remark File: NIL					

6	Lateral exploration status for the lease area-G2	Nil	Nil	0.000	No Violation
Remark: Nil Remark File: NIL					
7	Lateral exploration status for the lease area-G3	Nil	Nil	0.000	No Violation
Remark: Nil Remark File: NIL					
8	Lateral exploration status for the lease area-G4	Nil	Nil	0.000	No Violation
Remark: Nil Remark File: 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)	111 - 49,70,710 122 - 9,63,742 211 - 2,77,332 222 - 46,423 333 - 33,65,638 Depleted from reserves as on 13/09/2021	111 - 49,35,249 122 - 9,63,742 211 - 2,77,332 222 - 46,423 333 - 33,65,638 As as 01.04.2025	Nil	No Violation
Remark: Reserves & Resources have been revised in the newly approved ROMP based upon the Geological Study carried out after fresh exploration and estimation strictly as per MEMC Rule as following: 111 - 14,27,500; 221- 24,88,450. All figures are in tonnes. Remark File: 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
1	Location of development w.r.t. lease area	Northern side of the lease Between N350 to N450 & E200 to E300	Northern side of the lease Between N350 to N450 & E200 to E300	Nil	No Violation
Remark: Nil Remark File: NIL					
2	Quantity of overburden generation in m3	2322	408	1914.000	Rule 11(1)
Remark: Violation pointed out Remark File: NIL					
3	Quantity of topsoil generation in m3	0	0	0.000	No Violation
Remark: Nil Remark File: NIL					
4	Stripping ratio : ore to OB ratio	Not specified in approved document	1:0.005	Nil	No Violation
Remark: Nil Remark File: NIL					

**2.4.1 Exploitation - Opencast Mine Details**

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation
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					n under Rule
1	Number of pits / Blocks proposed for production	1 pit	1 pit	Nil	No Violation
Remark: Nil Remark File: NIL					
2	Quantity of ROM mineral production proposed (in T)	116100	83090.5	33009.500	Rule 11(1)
Remark: Violation pointed out Remark File: NIL					
3	Recovery of salable/usable mineral quantity from ROM production in T)	110295	83090.5	27204.500	Rule 11(1)
Remark: Violation pointed out Remark File: NIL					
4	Quantity of mineral reject/Sub-grade generation	Nil	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
5	Grade of mineral reject/sub-grade generation as per threshold value declared	NA	NA	NA	No Violation
Remark: NA Remark File: NIL					
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	NA	NA	NA	No Violation
Remark: NA					

Remark File: NIL					
7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	Height- 6m; Width-8m	Height > 12 m observed along the Central & South Western edge of the working pit	Deviation from proposal	Rule 11(1)
Remark: Violation pointed out Remark File: NIL					
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					

#### 2.4.3 : Exploitation - Dump Working Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Number of dumps proposed for production	No proposal	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
2	Quantity of dump material handling Proposed (in Tonne)	NA	NA	NA	No Violation

Remark: Nil Remark File: NIL					
3	Recovery of salable/usable mineral from dump production (in Tonne)	NA	NA	NA	No Violation
Remark: Nil Remark File: NIL					
4	Production from dump(s) during the year	NA	NA	NA	No Violation
Remark: Nil Remark File: NIL					
5	Quantity of mineral reject generation	Nil	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
6	Grade of mineral reject generation and threshold value declared	NA	NA	NA	No Violation
Remark: NA Remark File: NIL					
7	Any analysis or beneficiation study proposed & carried out for mineral reject	Nil	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
8	Manual / Mechanized method adopted for dump working	NA	NA	NA	No Violation
Remark: Nil					

Remark File: NIL

**2.5.1 : OB/Waste Dumps Details**

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	No proposal for topsoil, OB, MR, Fines or Tailings removal or dumping	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	NA	NA	NA	No Violation
Remark: NA Remark File: NIL					
3	Number of active & Inative dumps	Nil	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
4	Number of dead dumps	Nil	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
5	Number of dumps	NA	NA	NA	No

	proposed for stabilised				Violation
Remark: Nil Remark File: NIL					
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	NA	NA	NA	No Violation
Remark: Nil Remark File: 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
1	Status on part or full extraction of mineral from mined out area before starting backfilling	No proposal	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
2	Year-wise area under backfilling of mined out area	NA	NA	NA	No Violation
Remark: Nil Remark File: NIL					
3	Year-wise topsoil generation, Utilization	NA	NA	NA	No Violation

	and Stored proposal (in m3)				n
Remark: Nil Remark File: NIL					
4	Total area fully reclaimed & rehabilitated	NA	NA	NA	No Violation
Remark: Nil Remark File: NIL					
5	Locations of proposed reclamation & rehabilitated	NA	NA	NA	No Violation
Remark: Nil Remark File: NIL					

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

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Compliance on reclamation and rehabilitation by backfilling/Other means  Total area and numbers of plantation proposed.	No proposal	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					

2	Rehabilitation by making water reservoir	No proposal	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Afforestation proposed over 0.05 Ha with 50 nos of saplings	80 nos of saplings planted over 0.05 Ha	Nil	No Violation
Remark: Nil Remark File: NIL					
4	Compliance of Environmental monitoring (core zone & buffer zone)	No proposal	Periodic monitoring carried out	Nil	No Violation
Remark: Nil Remark File: NIL					

### 2.8.1 : Mineral Conservation Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	ROM Mineral dispatch or grade-wise sorting within lease area	No sorting proposed	No sorting carried out	Nil	No Violation
Remark: Entire ROM generated is transported.					

Remark File: NIL					
2	Different grade of mineral sorted out at mines	NA	NA	NA	No Violation
Remark: Nil Remark File: NIL					
3	Any beneficiation process at mines	Nil	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					

**2.9.1 : Environment Details**

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Separate removal and utilization of topsoil	No proposal	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					

2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
4	Plantation & Survival rate	50 nos saplings plantation proposed. Anticipated survival rate not specified.	80 nos saplings planted with 70% survival rate	Nil	No Violation
Remark: Nil Remark File: NIL					
5	Water sprinkling on roads to control airborne dust	Water sprinkling proposed	Water sprinkling carried out	Nil	No Violation
Remark: Nil Remark File: NIL					

### 2.10 : Annual Return Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
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1	Submission of Online Monthly and Annual returns in prescribed period or not	Not specified	Submitted in time	Nil	No Violation
Remark: Nil Remark File: NIL					
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Not specified	Mining Engineer - Shri Dharmendra Bhati Geologist - Mrs Ritu Aggarwal	Nil	No Violation
Remark: Nil Remark File: NIL					
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Nil	Sale has been reported to self despite the mine being non-captive	Registration number of the party to which material has been sold shall be furnished.	Rule 45(7)
Remark: Violation pointed out Remark File: NIL					
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	NA	NA	NA	No Violation
Remark: Nil Remark File: NIL					
5	Notices and Returns for the lease area submitted or not where fine applicable	NA	NA	NA	No Violation
Remark: Nil Remark File: NIL					
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Nil	Ex Mine Price - Rs 480.14 per tonne Sale Value - Rs 4,18,65,258/- Production Cost - Rs 362.37/-	Nil	No Violation
Remark: Nil Remark File: NIL					

**2.11 : SDF Details**

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Start Ratings accorded for mine during last 3 years	Self Appraisal - 4 star	IO Rating - 3 star RO Rating - 3 star	Nil	No Violation
Remark: Nil Remark File: 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
1	Development - Opencast : Quantity of overburden generation in m <sup>3</sup>	2322	408	1914.000	Rule 11(1)
Remark: Violation pointed out Remark File: NIL					
2	Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T)	116100	83090.5	33009.500	Rule 11(1)
Remark: Violation pointed out Remark File: NIL					
3	Exploitation - Opencast Mine : Recovery of salable/usable mineral quantity from ROM production in T)	110295	83090.5	27204.500	Rule 11(1)
Remark: Violation pointed out Remark File: NIL					
4	Exploitation - Opencast Mine : Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	Height- 6m; Width-8m	Height > 12 m observed along the Central & South Western edge of the working pit	Deviation from proposal	Rule 11(1)
Remark: Violation pointed out					

Remark File: NIL

5	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	Nil	Sale has been reported to self despite the mine being non-captive	Registration number of the party to which material has been sold shall be furnished.	Rule 45(7)
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Remark: Violation pointed out

Remark File: NIL

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Esigned by: Matiul Islam  
Date: 17/02/2026 02:52:55 PM