

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	BHANJPALI	Lease Area (Ha) :	18.00
Forest Area (Ha) :	12.565	Mine Code :	30ORI13043
Registration Number :	IBM/49282/2025	Name of lessee :	J S P Minerals Private Limited
Address of lessee :	At/Po- Baneikala ,Joda,	Phone of lessee :	N/A
Email of lessee :	Jnp_joda@rediffmail.com	Fax Number :	N/A
Village :	Bhanjapali	Taluka / Mandal :	Koida
District :	Sundargarh	Pincode :	758038
State :	Odisha	Post Office :	N/A
Nearest Police Station :	Koira	Nearest Railway Station :	Barsuan
Date of Grant of Mining Lease :	1997-04-01	Date of Mining Lease Execution :	1997-04-01
Date of opening in the mine :	1997-04-01		

Nominated Owner Details			
Name of the Nominated Owner :	Mr Gurpreet Singh	Nominated Owner Address:	At/Po- Joda
Nominated Owner Mobile :	9937599256	Nominated Owner Email :	Jspmineralspvtltd@gmail.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2025-06-26
Mining Engineer Details			
Name of the Mining Engineer :	Shri Sudhakar Sahoo	Qualification of Mining Engineer :	B.Tech In Mining (First Class Certificate)
Address of Mining Engineer :	Joda, Keonjhar, Odisha	Phone of Mining Engineer :	9348969829
Email of Mining Engineer :	Sudhakarsahoo1947@gmail.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2025-09-16		
Geologist Details			
Name of the Geologist :	Chandra Prakash Sahoo	Qualification of Geologist :	M.Sc. In Geology
Address of Geologist :	Joda, Keonjhar, Odisha	Phone of Geologist :	9938558431
Email of Geologist :	Sahoochandraprakash17@gmail.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2025-09-16		
Mine Manager Details			
Name of the Mine Manager :	Shri Sudhakar Sahoo	Qualification of Mine Manager :	B.Tech In Mining First Class Certificate
Address of Mine Manger :	Joda, Keonjhar, Odisha	Phone of Mine Manger :	9348969829
Email of Mine Manger :	Sudhakarsahoo1947@gmail.com	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2025-09-16		

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 :	2024-07-26 (2024 - 2026)
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 :	SHRINIVAS BUDIME
Designation :	ASSISTANT CONTROLLER OF MINES
Name of the Accompanying Official from Mine :	D.K. Dash, SK Sahoo, CP Sahoo, B Barik
Designation of the Accompanying Official :	Liassioning Manager, Mines Manager, Asst. Mines Manager, Geologist
Type of Inspection :	MCDR,STR
Date of Inspection :	29/11/2025
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 valid proposal for the year 2024-2025	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Number of DTH Boreholes	No valid proposal for the year 2024-2025	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Number of exploratory pits / trial pits	No valid proposal for the year 2024-2025	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Number of exploratory Trenches	No valid proposal for the year 2024-2025	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Lateral exploration status for the lease area - G1	18 ha.	18 ha	Nil	No Violation
Remark: NIL 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	0.00	Nil	0.000	No Violation
Remark: NIL Remark File: NIL					
8	Lateral exploration status for the lease area-G4	0.00	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)	At the beginning of the year 1.4.2024 111-4096062 t 211 -1587984 t Total R&R-5,684,046.00 t	Balance resources as on 31.3.2025 111-3836062 t 211-1587984 t Total R&R-5,424,046.00 t	Nil	No Violation
Remark: NIL Remark File: NIL					

2.3.1 : Development - Opencast Details

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S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Location of development w.r.t. lease area	Pit-2 between 556598 mRL, towards West and depth-ward direction	Pit-2 between 556598 mRL, towards West and depth-ward direction	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of overburden generation in m3	208140	174119.230	34020.770	Rule 11(1)
Remark: The quantity of overburden generation shows a significant variation from the approved proposal. Against the proposed OB quantity of 208,140 m ³ ;, the actual generation reported is 174,119.230 m ³ ;, resulting in a shortfall of 34,020.770 m ³ ;. This reflects a deviation of approximately 16.34% from the approved plan. The lessee may kindly examine the reasons for the shortfall and furnish a detailed justification accordingly. Remark File: NIL					
3	Quantity of topsoil generation in m3	0.00	0	0.000	No Violation
Remark: NIL Remark File: NIL					
4	Stripping ratio : ore to OB ratio	1:0.667	1:1.33	Nil	No Violation
Remark: NIL Remark File: NIL					

2.4.1 Exploitation - Opencast Mine Details

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S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Number of pits / Blocks proposed for production	1 pit (Pit-2) proposed for production	1 pit (Pit-2) operated	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of ROM mineral production proposed (in T)	312000	260000	52000.000	Rule 11(1)
Remark: The quantity of ROM mineral production for the year 2024–2025 shows a notable variation from the approved proposal. Against the proposed ROM production of 3,12,000 tonnes, the actual production reported is 2,60,000 tonnes, resulting in a shortfall of 52,000 tonnes. This reflects a deviation of approximately 16.67% from the approved plan. The lessee may kindly examine the reasons for the shortfall and furnish a detailed justification accordingly. Remark File: NIL					
3	Recovery of salable/usable mineral quantity from ROM production in T)	312000.00	260000	52000.000	No Violation
Remark: Recovery of saleable mineral is lower by 52,000 T solely due to reduced ROM production. Since the deviation is fully attributable to the shortfall in production, no separate violation is warranted for this item. Remark File: NIL					
4	Quantity of mineral reject/Sub-grade generation	0 T (No reject proposed)	0 T (No reject generated)	0.000	No Violation
Remark: NIL Remark File: NIL					
5	Grade of mineral reject/sub-grade generation as per threshold value declared	(no sub-grade)	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
6	Manual/Mechanised method adopted for	Mechanised excavation & no sub-grade generation	Dry Crushing & Screening Production Fines (0-10) 51%Fe- 55%Fe - 20004.400 MT 55%Fe- 58%Fe -	Nil	No Violation

	segregating subgrade/mineral rejects from ROM		22329.590 MT 58%Fe- 60%Fe 21180.540 MT 60%Fe- 62%Fe 120790.120 MT 62%Fe- 65%Fe 7723.200 MT CLO Below 62%Fe (any size) - 63955.660 MT 62%Fe- 65%Fe (5-18) 2373.440 MT 62%Fe- 65%Fe (10-40)- 1513.050 MT		n
Remark: NIL Remark File: NIL					
7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	Benches: 6m height, 8m width, 85 in OB & ore; suitable for proposed method	Yes (same bench profile used)	Nil	No Violation
Remark: NIL Remark File: NIL					
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No beneficiation / analysis proposed	None undertaken	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	Nil (No dump working proposed)	Nil	Nil	No Violation

Remark: NIL Remark File: NIL					
2	Quantity of dump material handling Proposed (in Tonne)	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
3	Recovery of salable/usable mineral from dump production (in Tonne)	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
4	Production from dump(s) during the year	0.000	0	0.000	No Violation
Remark: NIL Remark File: NIL					
5	Quantity of mineral reject generation	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
6	Grade of mineral reject generation and threshold value declared	Not applicable and threshold value declared-45% Fe	Not applicable and threshold value declared-45% Fe	Nil	No Violation
Remark: NIL Remark File: NIL					
7	Any analysis or beneficiation study proposed & carried out for mineral reject	None proposed	None carried out	Nil	No Violation
Remark: NIL					

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Remark File: NIL					
8	Manual / Mechanized method adopted for dump working	Not applicable	Not applicable	Nil	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)	Separate dumping shall be maintained	Topsoil- Nil OB- 174119.23 cu.m Mineral Rejects- Nil Fines- Nil Tailings- Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	OB to existing Dump-1 Latitude: From 215458.16 to 215501.58 Longitude: From 851459.79 to 851504.07 , no topsoil dump, no mineral reject dump, no tailings and fines proposed.	OB to existing Dump-1 Latitude: From 215458.16 to 215501.58 Longitude: From 851459.79 to 851504.07 no topsoil dump, no mineral reject dump, no tailings and fines	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Number of active & Inative dumps	Active dump- Dump-1 Latitude: From 215458.16 to 215501.58 Longitude: From 851459.79 to 851504.07 No Inactive Dumps.	Active dump- Dump-1 Latitude: From 215458.16 to 215501.58 Longitude: From 851459.79 to 851504.07 No Inactive Dumps.	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Number of dead dumps	0	0	0.000	No

					Violation
Remark: NIL Remark File: NIL					
5	Number of dumps proposed for stabilised	Nil (no stabilization proposed for 202425)	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Not proposed for 202425	Not Done	Nil	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	Full extraction achieved in Quarry-1 and Quarry-3 before proposing backfilling. Existing Dump-1 & Eastern Part of Quarry-1 Area-0.82 ha Height- 10 mtrs. Qty-115000(cu.m)	Eastern part of quarry-1 Location- Lat-21:54:40.12 to 21:54:43.87 Long- 85:14:58.66 to 85:15:02.10 Qty- 94578.18 cu.m	20421.82	No Violation
Remark: A shortfall has already been recorded under violation for the inadequate backfilling carried out against the proposed quantity in the mined-out area; therefore, no separate or repetitive violation is being issued for this item, as the deviation is already covered under the earlier violation Remark File: NIL					
2	Year-wise area under	2024-25 Area- 0.75 Ha Location- Lat-21:54:40.12	2024-25 Area- 0.75 Ha Location- Lat-21:54:40.12	20421.82	Rule

	backfilling of mined out area	to 21:54:43.87 Long- 85:14:58.66 to 85:15:02.10 Qty- 115000(cu.m)	to 21:54:43.87 Long- 85:14:58.66 to 85:15:02.10 Qty- 94578.18 cu.m		11(1)
Remark: Against the proposed backfilling quantity of 115,000 m ³ ;, the actual backfilling achieved is 94,578.18 m ³ ;, leading to a shortfall of 20,421.82 m ³ ;, which works out to a deviation of approximately 17.77%. The lessee is advised to review the reasons for the shortfall and ensure that the backfilling work is aligned with the approved plan during the subsequent period. Remark File: NIL					
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
4	Total area fully reclaimed & rehabilitated	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
5	Locations of proposed reclamation & rehabilitated	0	0	0.000	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	Plantation Area- 0.566 Ha. Saplings- 1000	Plantation in safety zone Area- 0.566 Ha. Saplings- 3850	Nil	No Violation

	rehabilitation by backfilling/Other means Total area and numbers of plantation proposed.				n
Remark: NIL Remark File: NIL					
2	Rehabilitation by making water reservoir	Nil	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	i)Saplings- 1000 ii)Area- 0.566 Ha. iii)Plantation	i)Saplings- 3850 ii)Area- 0.566 Ha. iii)Plantation	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Compliance of Environmental monitoring (core zone & buffer zone)	Compliance of Environmental monitoring shall be done (core zone & buffer zone)	Compliance of Environmental monitoring is done Quarterly in (core zone & buffer zone)	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	Violatio
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					n under Rule
1	ROM Mineral dispatch or grade-wise sorting within lease area	312000 MT	265756.130 MT	Nil	No Violation
Remark: Dispatch Fines (0-10) 51%Fe- 55%Fe – 20014.670 MT 55%Fe- 58%Fe – 20508.420 MT 58%Fe- 60%Fe – 20993.960 MT 60%Fe- 62%Fe – 120196.940 MT 62%Fe- 65%Fe – 7985.320 MT CLO Below 62%Fe (any size) – 72049.980 MT 62%Fe- 65%Fe (5-18) – 2508.380 MT 62%Fe- 65%Fe (10-40)- 1498.460 MT Remark File: NIL					
2	Different grade of mineral sorted out at mines	Dry Crushing & Screening	Dry Crushing & Screening	Nil	No Violation
Remark: Production Fines (0-10) 51%Fe- 55%Fe - 20004.400 MT 55%Fe- 58%Fe - 22329.590 MT 58%Fe- 60%Fe – 21180.540 MT 60%Fe- 62%Fe – 120790.120 MT 62%Fe- 65%Fe – 7723.200 MT CLO Below 62%Fe (any size) - 63955.660 MT 62%Fe- 65%Fe (5-18) – 2373.440 MT 62%Fe- 65%Fe (10-40)- 1513.050 MT Remark File: NIL					
3	Any beneficiation process at mines	Not Proposed	Not Done	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Blending at ROM stage	Blending at ROM stage	Nil	No Violation
Remark: NIL Remark File: NIL					

2.9.1 : Environment Details

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S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Separate removal and utilization of topsoil	Not Proposed	Not done	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	Backfilling Location- Lat-21:54:40.12 to 21:54:43.87 Long- 85:14:58.66 to 85:15:02.10 Qty-115000 cu.m	Backfilling Location- Lat-21:54:40.12 to 21:54:43.87 Long- 85:14:58.66 to 85:15:02.10 Qty- 94578.18 cu.m	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No valid proposal for the year 2024-2025	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Plantation & Survival rate	Plantation : 1000, Survival Rate : 80	3850 saplings Survival rate- 80%	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Water sprinkling on roads to control airborne dust	Regular water sprinkling through water tanker	Regular water sprinkling through water tanker	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
1	Submission of Online Monthly and Annual returns in prescribed period or not	Monthly returns under Rule 45(5)(b)(i) of MCDR 2017 by 10th day of every month. Annual return in Form G1 to be submitted under Rule 45(5)(c)(i) of MCDR 2017 by 1st July of every year.	Last Annual Return Submission Date- 28.06.2025 Last Monthly Return Submission Date- 03.11.2025	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Mining Engineer & Geologist shall be appointed as per provisions of Rule 55 of MCDR,2017	Name- Sudhakar Sahoo Designation- Mining Engineer Date of Appointment- 16.09.2025 Name- Chandra Prakash Sahoo Designation- Geologist Date of Appointment- 16.09.2025	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Notices and Returns for the lease area submitted or not where fine applicable	Nil	Nil	Nil	No Violation
Remark: NIL					

Remark File: NIL					
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex-mine price (range) 2,639.83 7,098.91 per tonne (based on grade & product) Cost of production 1,995.91 per tonne	Ex-mine price (range) 2,639.83 7,098.91 per tonne (based on grade & product) Cost of production 1,995.91 per tonne	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	Year of Submission : 2021-2022- Rating :4 star 2022-2023 -Rating :4 star 2023-2024 -Rating :4Star	2021-2022 , Rating : 3 Stars 2022-2023 , Rating : 3 Stars 2023-2024 , Rating : 3 Stars	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 ³	208140	174119.230	34020.770	Rule 11(1)
<p>Remark: The quantity of overburden generation shows a significant variation from the approved proposal. Against the proposed OB quantity of 208,140 m³;, the actual generation reported is 174,119.230 m³;, resulting in a shortfall of 34,020.770 m³;. This reflects a deviation of approximately 16.34% from the approved plan. The lessee may kindly examine the reasons for the shortfall and furnish a detailed justification accordingly.</p> <p>Remark File: NIL</p>					
2	Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T)	312000	260000	52000.000	Rule 11(1)
<p>Remark: The quantity of ROM mineral production for the year 2024&ndash;2025 shows a notable variation from the approved proposal. Against the proposed ROM production of 3,12,000 tonnes, the actual production reported is 2,60,000 tonnes, resulting in a shortfall of 52,000 tonnes. This reflects a deviation of approximately 16.67% from the approved plan. The lessee may kindly examine the reasons for the shortfall and furnish a detailed justification accordingly.</p> <p>Remark File: NIL</p>					
3	Solid Waste Management - Backfilling (Opencast) : Year-wise area under backfilling of mined out	2024-25 Area- 0.75 Ha Location- Lat-21:54:40.12 to 21:54:43.87 Long- 85:14:58.66 to 85:15:02.10 Qty- 115000(cu.m)	2024-25 Area- 0.75 Ha Location- Lat-21:54:40.12 to 21:54:43.87 Long- 85:14:58.66 to 85:15:02.10 Qty- 94578.18 cu.m	20421.82	Rule 11(1)

area

Remark: Against the proposed backfilling quantity of 115,000 m³;, the actual backfilling achieved is 94,578.18 m³;, leading to a shortfall of 20,421.82 m³;, which works out to a deviation of approximately 17.77%. The lessee is advised to review the reasons for the shortfall and ensure that the backfilling work is aligned with the approved plan during the subsequent period.
Remark File: NIL

Final Submitted

Esigned by: SHRINIVAS BUDIME
Date: 05/12/2025 01:51:32 PM