

# INDIAN BUREAU OF MINES

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

### Part-I : General Information

#### 1.1.1 Mine Details

Name of the Mine :	PATMUNDA	Lease Area (Ha) :	43.532
Forest Area (Ha) :	N/A	Mine Code :	40ORI13042
Registration Number :	IBM/306/2011	Name of lessee :	SUN ALLOYS & MINERALS LTD.
Address of lessee :	2A, FOREST PARK ,BHUBANESWAR, BHUBANESWAR	Phone of lessee :	0674-2596400
Email of lessee :	Mgmohantybo@gmail.com	Fax Number :	N/A
Village :	Patmunda	Taluka / Mandal :	Koida
District :	Sundargarh	Pincode :	751009
State :	Odisha	Post Office :	N/A
Nearest Police Station :	Koira	Nearest Railway Station :	Barbil
Date of Grant of Mining Lease :	2024-12-06	Date of Mining Lease Execution :	2024-08-23
Date of opening in the mine :	Nilsss		

<b>Nominated Owner Details</b>			
Name of the Nominated Owner :	Mr RAJIB LOCHAN MOHANTY	Nominated Owner Address:	5A FOREST PARK
Nominated Owner Mobile :	9437022802	Nominated Owner Email :	Rlmbbsr@gmail.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2020-06-30
<b>Mining Engineer Details</b>			
Name of the Mining Engineer :	Sh. Amit Singh	Qualification of Mining Engineer :	B-Tech In Mining Engineering
Address of Mining Engineer :	At/Po: Patamunda, Dist: Sundargarh	Phone of Mining Engineer :	7504138989
Email of Mining Engineer :	Amit.kumar97777@gmail.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2025-08-11		
<b>Geologist Details</b>			
Name of the Geologist :	Sh. Dillip Kumar Pattanayak	Qualification of Geologist :	M. Sc. Geology
Address of Geologist :	At/Po: Patamunda, Dist: Sundargarh	Phone of Geologist :	7440015245
Email of Geologist :	Dillipmgm@gmail.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2025-08-11		
<b>Mine Manager Details</b>			
Name of the Mine Manager :	Sh. Amit Singh	Qualification of Mine Manager :	B-Tech In Mining Engineering
Address of Mine Manger :	At/Po: Patamunda, Dist: Sundargarh	Phone of Mine Manger :	7504138989
Email of Mine Manger :	Amit.kumar97777@gmail.com	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2025-08-11		

Mineral(s) granted in lease and proved for mining :	MANGANESE ORE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2025-11-26 (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 :	ROHITA SETHI
Designation :	ACOM
Name of the Accompanying Official from Mine :	Sh. Amit Kumar Singh, Sh. Dillip Kumar Pattanayak, Sh. CB Das
Designation of the Accompanying Official :	Mines manager, Geologist, Qualified Person
Type of Inspection :	MPAS
Date of Inspection :	29/10/2025
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	Remark	Remark File
1	Number of Core Boreholes		147	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
2	Number of DTH Boreholes		No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
3	Number of exploratory pits / trial pits		No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
4	Number of exploratory Trenches		No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
5	Lateral exploration status for the lease area	G1	Nil	Nil	Mine is not in operation since 22.12. 2009 due to lack of	No Violation	Mine is not in operation since 22.12. 2009 due to lack of	Nil

					Statutory Clearance		Statutory Clearance	
6		G2	9.45	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
7		G3	0.02	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
8		G4	Nil	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	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 on 31.03.2021 122-198538 222-3973	As on 31.03.2025 122-198538 222-3973	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance.	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	Quarry-2, 2419224 N- 2419323N 325609E 325666E	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Nil	Nil
2	Quantity of overburden generation in m3	22226	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Nil	Nil
3	Quantity of topsoil generation in m3	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Nil	Nil
4	Stripping ratio : ore to OB ratio	1:4.09	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	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	Quarry-2, 2419224 N- 2419323N 325609E 325666E	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
2	Quantity of ROM mineral production proposed (in T)	5434	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	5434	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
4	Quantity of mineral reject/Sub-grade generation	Nil	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	Nil	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects	Nil	Nil	Mine is not in operation since	No Violation	Mine is not in operation since	Nil

	from ROM			22.12. 2009 due to lack of Statutory Clearance		22.12. 2009 due to lack of Statutory Clearance	
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	1.5	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	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	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
2	Quantity of dump material handling Proposed (in Tonne)	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
4	Production from dump(s) during the year	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
5	Quantity of mineral reject generation	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory	Nil

				Clearance		Clearance	
6	Grade of mineral reject generation and threshold value declared	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
8	Manual / Mechanized method adopted for dump working	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	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)	Yes Proposed	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	DUMP-1 (deed) 2419365N 324912E Dump -2 2419488N 325073E Dump -3 2419430N 325166E Dump -4 2419376N 325555E Dump -5 2419379N 325603E Dump -6 2419265N 325636E Dump -7 2419433N 325586E	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
3	Number of active & Inative dumps	Active - 6 Inactive - 1	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
4	Number of dead dumps	1	Nil	Mine is not in operation since 22.12. 2009 due	No Violation	Mine is not in operation since 22.12. 2009 due	Nil

				to lack of Statutory Clearance		to lack of Statutory Clearance	
5	Number of dumps proposed for stabilised	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	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	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
2	Year-wise area under backfilling of mined out area	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due	No Violation	Mine is not in operation since 22.12. 2009 due	Nil

				to lack of Statutory Clearance		to lack of Statutory Clearance	
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
4	Total area fully reclaimed & rehabilitated	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
5	Locations of proposed reclamation & rehabilitated	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	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.	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
2	Rehabilitation by making water reservoir	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	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	Manual Sorting and Sizing	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
2	Different grade of mineral sorted out at mines	Manual Sorting and Sizing	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
3	Any beneficiation process at mines	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	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	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposal	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
4	Plantation & Survival rate	750 numbers of saplings	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
5	Water sprinkling on roads to control airborne dust	Yes proposed	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory	Nil

				Clearance		Clearance	
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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	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.	All monthly returns during the reporting year are submitted. Annual returns for the reporting year also submitted.	Initially the mining Lease was executed on 12.02.1996 for a period of 10 years valid up to 11.02.2006. Further the Lessee has applied for 1st RML in the year 2005. As per this office record the Lessee has no valid mining lease from 2006 to July2024. The Supplementary Lease Initially the mining Lease was executed on 12.02.1996 for a period of 10 years valid up to 11.02.2006. Further the Lessee has	No Violation	Initially the mining Lease was executed on 12.02.1996 for a period of 10 years valid up to 11.02.2006. Further the Lessee has applied for 1st RML on 04.02.2005. Mining operation continued on the Lease area till 22.12.2009 under deemed extension clause 24(A)(6) of MCR 1960. As per this office record the Lessee has no valid mining lease document from 2006 to July2024. The Supplementary	Nil

				<p>applied for 1st RML on 04.02.2005. Mining operation continued on the Lease area till 22.12.2009 under deemed extension clause 24(A)(6) of MCR 1960. As per this office record the Lessee has no valid mining lease document from 2006 to July 2024. The Supplementary Lease Deed of said Lease has been executed on 23.08.2024 and lease period has been extended up to 11.02.2046.</p>		<p>Lease Deed of said Lease has been executed on 23.08.2024 and lease period has been extended up to 11.02.2046 under Section 8(A) of MMDR, act, 2015.</p>	
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR, 2017	Sh. Amit Singh, Mining Engineer, Sh. Dillip Kumar Pattanayak	Appears to be correct	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	To be submitted correctly	Submitted correctly	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
4	Status of Approval of FMPCP u/r 24,	NA	NA	Mine is not in	No Violation	Mine is not in	Nil

	25 of MCDR,2017			operation since 22.12. 2009 due to lack of Statutory Clearance		operation since 22.12. 2009 due to lack of Statutory Clearance	
5	Notices and Returns for the lease area submitted or not where fine applicable	Submitted with in the stipulated time period	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	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	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	No Violation	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance	Nil

### Part-III : Other Reports

#### 3.1.1 : Upload Other Reports

S.N.	Reports File	Remark   File Description
1	Nil	Mine is not in operation since 22.12. 2009 due to lack of Statutory Clearance

### 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
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Esigned by: ROHITA SETHI  
Date: 28/11/2025 01:01:19 PM