

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	30ORI08117	Lease Area (Ha) :	19.532
Forest Area (Ha) :	3	Mine Code :	30ORI08117
Registration Number :	IBM/76/2011	Name of lessee :	PRAKASH INDUSTRIES LIMITED
Address of lessee :	15 K.M STONE DELHI ROAD ,HISSAR, HARYANA	Phone of lessee :	01662-253635
Email of lessee :	Sirkaguttumines@prakash.com	Fax Number :	N/A
Village :	Kadakala	Taluka / Mandal :	Nayakote
District :	Kendujhar	Pincode :	125044
State :	Odisha	Post Office :	N/A
Nearest Police Station :	Nayakote	Nearest Railway Station :	Nayagarh
Date of Grant of Mining Lease :	2017-01-11	Date of Mining Lease Execution :	2017-01-10
Date of opening in the mine :	2019-07-04		

Nominated Owner Details			
Name of the Nominated Owner :	Mr SANJAY JAIN	Nominated Owner Address:	93,first Floor Kharavel Nagar, Bhubaneswar
Nominated Owner Mobile :	9899840008	Nominated Owner Email :	Sanjayjain@prakash.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2022-08-02
Mining Engineer Details			
Name of the Mining Engineer :	Sri Janmajaya Satpathy	Qualification of Mining Engineer :	B.Tech (Mining Engineering)
Address of Mining Engineer :	Laxmi Vihar, D D College Road, Keonjhar, Odisha	Phone of Mining Engineer :	7978804921
Email of Mining Engineer :	Janmayejaya.satpathy7@gm Ail.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2018-07-21		
Geologist Details			
Name of the Geologist :	Sri Vijay Divakar	Qualification of Geologist :	MSC (Tech) Applied Geology
Address of Geologist :	Laxmi Vihar, D D College Road, Keonjhar, Odisha	Phone of Geologist :	0968563509
Email of Geologist :	Vijaygeo2008@gmail.co M	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2019-03-11		
Mine Manager Details			
Name of the Mine Manager :	Sri Mrutyunjaya Routray	Qualification of Mine Manager :	Degree In Mining Engineering
Address of Mine Manger :	Laxmi Vihar, D D College Road, Keonjhar, Odisha	Phone of Mine Manger :	0797899015

Email of Mine Manger :	Routraymr@prakash.com	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2021-03-01		
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 :	N/A
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	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 :	1. Sri Mrutyunjaya Routray, 2. Sri Vijay Divakar, 3.Sri Janmajaya Satpathy
Designation of the Accompanying Official :	1. Mine Manager, 2. Mine Geologist, 3. Mining Engineer
Type of Inspection :	MCDR,MPAS,STR
Date of Inspection :	14/10/2025
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		No Valid proposal for the year 2024-2025	Nil	Nil	No Violation	Nil	Nil
2	Number of DTH Boreholes		No Valid proposal for the year 2024-2025	Nil	Nil	No Violation	Nil	Nil
3	Number of exploratory pits / trial pits		No Valid proposal for the year 2024-2025	Nil	Nil	No Violation	Nil	Nil
4	Number of exploratory Trenches		No Valid proposal for the year 2024-2025	Nil	Nil	No Violation	Nil	Nil
5	Lateral exploration status for the lease area	G1	19.532 Ha	19.532 Ha	Nil	No Violation	Nil	Nil
6		G2	0	0	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		-	(AS on 31.03.2025) 111-2015807 211-1387546	0	No Violation	Nil	Nil

Total Reserves (111, 121 & 122) and Total Mineral Resources (331, 332 & 333 upto 334)	Total R&R-3403353					
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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	Remark	Remark File
1	Location of development w.r.t. lease area	E327014 to 327214 N2410880 to 2411370	E327040 to 327210 N2410880 to 2411365	Nil	No Violation	Nil	Nil
2	Quantity of overburden generation in m ³	382000	209810	172190.000	Rule 11(1)	The proposed overburden generation for 2024–2025 was 3,82,000 m ³ , while the actual achieved was 2,09,810 m ³ , showing a shortfall of 1,72,190 m ³ (45.08%). This significant deviation from the approved mining plan	Nil
3	Quantity of topsoil generation in m ³	1359	1359	0.000	No Violation	Nil	Nil

4	Stripping ratio : ore to OB ratio	1 : 1.2	1 : 0.67	Nil	No Violation	Nil	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	No of pits-1 E-327014 to 327214 N-2410880 to 2411370 RL- 862 Dimension- 525m X 176.5m	No of pits-1 E-327040 to 327210 N-2410880 to 2411365 RL- 880 Dimension- 500m X 157m	0.000	No Violation	Nil	Nil
2	Quantity of ROM mineral production proposed (in T)	900063	624240	275823.000	Rule 11(1)	The proposed ROM mineral production for 2024–2025 was 9,00,063 tonnes, while the actual achieved was 6,24,240 tonnes, showing a shortfall of 2,75,823 tonnes (30.64%). This significant deviation from the approved mining plan	Nil

						constitutes a violation of Rule 11(1) of the MCDR, 2017.	
3	Recovery of salable/usable mineral quantity from ROM production in T)	737371	437260	300111	No Violation	Nil	Nil
4	Quantity of mineral reject/Sub-grade generation	162692 MT	170000 MT	-7308.000	No Violation	Nil	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	45-55% Fe	45-55% Fe	Nil	No Violation	Nil	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Mechanized	Mechanized	Nil	No Violation	Nil	Nil
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	proposed (6 Mtr Height & Width) Slope of the bench- 80	Width- 6mt Height- 6mt Slope- 80	Nil	No Violation	Nil	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	Not done	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	Not Proposed	Not Done	Nil	No Violation	Nil	Nil
2	Quantity of dump material handling Proposed (in Tonne)	Not Proposed	Not Done	Nil	No Violation	Nil	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	Not Proposed	Not Done	Nil	No Violation	Nil	Nil
4	Production from dump(s) during the year	Not Proposed	Not Done	Nil	No Violation	Nil	Nil
5	Quantity of mineral reject generation	Not Proposed	Not Done	Nil	No Violation	Nil	Nil
6	Grade of mineral reject generation and threshold value declared	Proposed-162692 MT (45-55 % Fe)	170000 MT (Grade - 45.40% Fe)	Nil	No Violation	Nil	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	Not Proposed	Not Done	Nil	No Violation	Nil	Nil
8	Manual / Mechanized method adopted for dump working	Not Proposed	Not Done	Nil	No Violation	Nil	Nil

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)	Top Soil dumping - Not Proposed	Not Done	Nil	No Violation	Nil	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	OB - E327065 - 372220 N2410870 - 2411185 Mineral Reject - E326930 - 327060 N2410750 - 2410912	OB - E327070 - 327215 N2410870 - 2410960 Mineral Reject - E326930 - 327055 N2410800 - 2410910	Nil	No Violation	Nil	Nil
3	Number of active & Inative dumps	Dump no-1(OB Dump) Qty proposed in 2024-25- 382000 Cum	Dump no-1(OB Dump)(Active) Qty of OB backfilled- 209810 Cum Total quantity of OB dump at the end of the year 24-25 625124 Cum	Nil	No Violation	Nil	Nil
4	Number of dead dumps	0	0	0.000	No Violation	Nil	Nil
5	Number of dumps proposed for stabilished	1 E327065 - 372220 N2410870 - 2411185	1 E327070 - 327215 N2410870 - 2410960	0.000	No Violation	Nil	Nil
6	Stabilization Technique (Terracing,	Terracing- 2,	No of Terrace -	Nil	No Violation	Nil	Nil

	plantation, geo-textiles etc.)	plantation- 400	02 Plantation - 400 Plants			
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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	2022-23 - Backfilling Not Proposed 2023-24 - 3.42 Ha 2024-25- 2.93 Ha	2022-23 - Backfilling Not done 2023-24 - 0.48 Ha(Qty- 108000 Cum filled) 2024-25- 0.36 Ha(Qty- 209810 Cum backfilling done)	Nil	No Violation	Nil	Nil
2	Year-wise area under backfilling of mined out area	2.93	0.36	2.570	Rule 11(1)	During 2024–25, 2.93 ha area was proposed for backfilling, whereas only 0.36 ha was actually backfilled, resulting in a shortfall of 2.57 ha (≈87.72%). This major deviation from the approved	Nil

						Mining Plan is not in conformity with Rule 11(1) of MCDR, 2017	
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Top Soil generation proposed - 1359 Cu.m	Top Soil used - 1359 Cu.m	0.000	No Violation	Nil	Nil
4	Total area fully reclaimed & rehabilitated	2.93 Ha	0.36 Ha	Nil	No Violation	Nil	Nil
5	Locations of proposed reclamation & rehabilitated	N2410884 - 2411054 E327100 - 327214	N2410885 - 2410975 E327115 - 327212	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.	2.93 Ha Backfilling & 0.3 Ha Safety zone	0.36 Ha Backfilling 0.3 Ha Safety zone	Nil	No Violation	Nil	Nil
2	Rehabilitation by making water reservoir	Area - 0.3 Ha No of Plants- 750	Area - 0.3 Ha No of Plants- 750	0.000	No Violation	Nil	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	i) 750 nos. within 0.3 Ha. ii)2.93 Ha iii) Backfilling & Plantation	i) 750 nos. within 0.3 Ha. ii)0.36 Ha iii) Backfilling & Plantation	Nil	No Violation	Nil	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Quarterly monitoring	Backfilling Compliance of Environmental monitoring (core zone & buffer zone) Quarterly monitoring Monthly monitoring(In core & buffer zone)	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	Proposed Grade-wise sorting within lease area	No despatch of ROM directly. After screening & crushing grade wise CLO & Fines produced. Then grade wise sorting done within lease area.	Nil	No Violation	Nil	Nil
2	Different grade of mineral sorted out at mines	45-51% Fe 51-55% Fe 55-58% Fe 58-60% Fe 60-62% Fe	45-51% Fe 51-55% Fe 55-58% Fe 58-60% Fe 60-62% Fe	Nil	No Violation	Nil	Nil
3	Any beneficiation process at mines	Not proposed	Not Done	Nil	No Violation	Nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Quantity of mineral reject proposed to be produced 162692 Tonne	Quantity of mineral reject actual produced 170000 Tonne No blending done	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	1359 Cum	1359 Cum	Nil	No Violation	Nil	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Location- N2410884 - 2411054 E327100 - 327214 OB Qty- 382000 Cum	Location- N2410885 - 24110975 E327115 - 327212 OB Qty- 209810 Cum (OB used for backfilling)	Nil	No Violation	Nil	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	Not Done	Nil	No Violation	Nil	Nil
4	Plantation & Survival rate	Area- 0.3 Ha No of plants- 750 Survival Rate- 73%	Area- 0.3 Ha No of plants- 750 Survival Rate- 73%(525 Nos)	Nil	No Violation	Nil	Nil
5	Water sprinkling on roads to control airborne dust	Proposed	2 tankers are being used for sprinkling of water on roads	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	Shall be submitted as per prescribed period	Annual Return(G1) submitted- 23.06.2025 Latest Monthly Return(F1) submitted- 09.10.2025	Nil	No Violation	Nil	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	As per provisions of Rule 55 of MCDR, 2017	Mining Engg.-Sri Janmajaya Satpathy Date of joining- 21.07.2018 Geologist- Sri Vijay Divakar Date of joining - 11.03.2019	Nil	No Violation	Nil	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	incomplete or false or wrong returns shall not be submitted	Nil	Nil	No Violation	Nil	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	Nil	Nil	Nil	No Violation	Nil	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	Late submission of monthly return	Completed Fine submitted Rs 10000/- for the month June-2024	Nil	No Violation	Nil	Nil
6	Scrutiny of Annual return on sale value,	-	2024-25 cost of	Nil	No Violation	Nil	Nil

	Ex. Mine price & production cost		production Rs. 1248.73				
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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	2023-24(4 star) 2024-25(4 star)	2023-24(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 ³	382000	209810	172190.000	Rule 11(1)	The proposed overburden generation for 2024–2025 was 3,82,000 m ³ , while the actual achieved was 2,09,810 m ³ , showing a shortfall of 1,72,190 m ³ (45.08%). This significant deviation from the approved mining plan	Nil
2	Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T)	900063	624240	275823.000	Rule 11(1)	The proposed ROM mineral production for 2024–2025 was 9,00,063 tonnes, while the actual achieved was 6,24,240 tonnes, showing a shortfall of 2,75,823 tonnes (30.64%). This significant	Nil

						deviation from the approved mining plan constitutes a violation of Rule 11(1) of the MCDR, 2017.	
3	Solid Waste Management - Backfilling (Opencast) : Year-wise area under backfilling of mined out area	2.93	0.36	2.570	Rule 11(1)	<p>During 2024–25, 2.93 ha area was proposed for backfilling, whereas only 0.36 ha was actually backfilled, resulting in a shortfall of 2.57 ha (~87.72%).</p> <p>This major deviation from the approved Mining Plan is not in conformity with Rule 11(1) of MCDR, 2017</p>	Nil

Final Submitted

Esigned by: SHRINIVAS BUDIME
Date: 05/11/2025 12:38:59 PM