

# INDIAN BUREAU OF MINES

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

### Part-I : General Information

#### 1.1.1 Mine Details

Name of the Mine :	38ORI13003	Lease Area (Ha) :	793.043
Forest Area (Ha) :	N/A	Mine Code :	38ORI13003
Registration Number :	IBM/4649/2011	Name of lessee :	THE BISRA STONE LIME CO LIMITED
Address of lessee :	PRISTINE GREEN , POKHARIPUT, BHUBANESWAR ,PLOT NO 255, KHORDHA	Phone of lessee :	033-40169212
Email of lessee :	Crnayak1965@gmail.com	Fax Number :	N/A
Village :	Jolongbira	Taluka / Mandal :	Biramitrapur
District :	Sundargarh	Pincode :	751020
State :	Odisha	Post Office :	N/A
Nearest Police Station :	Birmitrapur	Nearest Railway Station :	Birmitrapur
Date of Grant of Mining Lease :	2020-06-30	Date of Mining Lease Execution :	2020-06-30
Date of opening in the mine :	1910-10-10		

<b>Nominated Owner Details</b>			
Name of the Nominated Owner :	Mr ARUN KANTI BAGCHI	Nominated Owner Address:	C1407 Magnifica Block J P Nagar Bangalore South
Nominated Owner Mobile :	9448396972	Nominated Owner Email :	Bslcoltd.brmp1@gmail.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2024-01-24
<b>Mining Engineer Details</b>			
Name of the Mining Engineer :	C R NAYAK	Qualification of Mining Engineer :	Degree In Mining Engg. With 1st Class Mine Manager Competency
Address of Mining Engineer :	General Office BSL Co. Ltd. Birmitrapur	Phone of Mining Engineer :	N/A
Email of Mining Engineer :	Crnayak1965@gmail.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2010-10-10		
<b>Geologist Details</b>			
Name of the Geologist :	V. DUNGDUNG	Qualification of Geologist :	M.Sc. Geology
Address of Geologist :	General Office BSL Co. Ltd. Birmitrapur	Phone of Geologist :	N/A
Email of Geologist :	Geologistdungdung@gmail.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	1992-12-30		
<b>Mine Manager Details</b>			
Name of the Mine Manager :	S. N. Mohapatra	Qualification of Mine Manager :	Diploma In Mining Engg With First Class Mine Manager Competency
Address of Mine Manger :	General Office BSL Co. Ltd. Birmitrapur	Phone of Mine Manger :	N/A

Email of Mine Manger :	Sachidanandam7@gmail.com	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2024-03-01		
Mineral(s) granted in lease and proved for mining :	DOLOMITE,LIMESTONE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2025-03-18 (2025 - 2029)
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Non Captive		

## Part-II : Other Information

### 2.1.1 : Inspection Details

Inspecting Officer :	POULOMMI MONDAL
Designation :	JUNIOR MINING GEOLOGIST
Name of the Accompanying Official from Mine :	S. N. Mohapatra(Manager Mines), C R Nayak(Mining Engineer), V.Dungdung(Geologist) & S.K Behera(Surveyor)
Designation of the Accompanying Official :	S. N. Mohapatra(Manager Mines), C R Nayak(Mining Engineer), V.Dungdung(Geologist) & S.K Behera(Surveyor)
Type of Inspection :	MCDR,STR
Date of Inspection :	12/12/2025
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
1	Number of Core Boreholes	179	69	110.000	Rule 11(1)
Remark: M/s Geo-Exploration India Pvt. Ltd. was awarded the job of exploration work but the agency failed to complete the job. For completion of the exploration work tendering process is going on. Violation issued. Remark File: NIL					
2	Number of DTH Boreholes	NIL	NIL	NIL	No Violation
Remark: NIL Remark File: NIL					
3	Number of exploratory pits / trial pits	NIL	NIL	NIL	No Violation
Remark: NIL Remark File: NIL					
4	Number of exploratory Trenches	NIL	NIL	NIL	No Violation
Remark: NIL Remark File: NIL					
5	Lateral exploration status for the lease area - G1	392.628 ha	405.059500	NIL	No Violation
Remark: Explored and found non mineralized with level of exploration: 21.369 ha (G1 level) Unexplored lease area: 261.932 ha Remark File: NIL					

6	Lateral exploration status for the lease area-G2	68.572 ha	71.850400	NIL	No Violation
Remark: NIL Remark File: NIL					
7	Lateral exploration status for the lease area-G3	48.542 ha	100.225400	NIL	No Violation
Remark: NIL Remark File: NIL					
8	Lateral exploration status for the lease area-G4	NIL	215.907700	NIL	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)	Limestone reserve: 135321750 tonnes (111) and 67185500 tonne (121 & 122), remaining resource: 57864750 tonnes (333). Total reserve + resource: 26,03,72,000 tonnes. Dolomite reserve: 48850650tonne (111) and 51970880tonnes (121 & 122), remaining resource: 65061735.6tonnes (333). Total reserve + resource: 16,58,83,265.6tonnes.	Limestone reserve: 134853933 tonnes (111), 37185000 tonnes (121), 30000000 tonnes (122), remaining resource: 57864750 tonnes (333). Total reserve + resource: 259,903,933tonnes. Dolomite reserve: 43823194 tonne (111) and 31971000tonnes (121) & 20000000 (122), remaining resource: 65061735.6tonnes (333). Total reserve + resource: 160,856,194.00 tonnes	NA	No Violation
Remark: NIL Remark File: NIL					

### 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	Gurupahar, Khajurgadha, Duarsini Limestone and Patapahar, Duarsini Dolo, Rail-Cutting, Main Dolo Quarry	Duarsini Limestone and Main dolo Quarry	NA	Rule 11(1)
Remark: Out of three limestone and four dolomite quarries, only one limestone quarry and one dolomite quarry were active during FY 2024-25 Remark File: NIL					
2	Quantity of overburden generation in m3	Limestone: 76800 Dolomite: 0	11658	NA	Rule 11(1)
Remark: Generated overburden is only 15% of the quantity proposed. Remark File: NIL					
3	Quantity of topsoil generation in m3	NIL	NIL	NA	No Violation
Remark: NIL Remark File: NIL					
4	Stripping ratio : ore to OB ratio	1:0.1 for both limestone and dolomite	Cannot be calculated as overburden quantities for limestone and dolomite are furnished together	NA	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 under Rule

1	Number of pits / Blocks proposed for production	3 limestone quarry and 4 dolomite quarry	1 limestone and 1 dolomite quarry	NA	No Violation
Remark: Out of three limestone and four dolomite quarries, only one limestone quarry and one dolomite quarry were active during FY 2024-25. Violation 11(1) is already issued for the same. Remark File: NIL					
2	Quantity of ROM mineral production proposed (in T)	Limestone-2829875 MT Dolomite-2429440 MT	Limestone-140345 MT Dolomite-634804 MT	Limestone-2689530 MT Dolomite-1794636 MT	Rule 11(1)
Remark: Actual ROM quantity for limestone falls short by 95% and dolomite by 74% of the quantity proposed. Remark File: NIL					
3	Recovery of salable/usable mineral quantity from ROM production in T)	Limestone-2546888 MT Dolomite-2186496 MT	Limestone-140345 MT Dolomite-634804 MT	Limestone-2406543MT Dolomite-1551692MT	No Violation
Remark: Recovery of salable/usable mineral quantity from ROM production is less than the quantity proposed due to low ROM production. Violation 11(1) is already issued for the same. Remark File: NIL					
4	Quantity of mineral reject/Sub-grade generation	Limestone-282988 MT Dolomite-242944 MT	Limestone-14035 MT Dolomite-63480 MT	Limestone-268953 MT Dolomite-179464 MT	No Violation
Remark: Quantity of mineral reject/Sub-grade generation is less than the quantity proposed due to low ROM production. Violation 11(1) is already issued for the same. Remark File: NIL					
5	Grade of mineral reject/sub-grade generation as per threshold value declared	Limestone < 35% CaO and > 18% SiO2 Dolomite < 15% MgO and > 6% SiO2	Limestone 39% CaO Dolomite 18% MgO	NIL	No Violation
Remark: Blending of sub-grade Limestone & Dolomite during mining Remark File: NIL					
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Mechanical	Mechanical	Nil	No Violation
Remark: NIL Remark File: NIL					
7	Whether height of	Bench height 8m and width not less than 10m	Broadly maintained as per proposal	Nil	No

	benches in Overburden & mineral suitable for method of mining proposed in mining plan				Violation
Remark: NIL 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	NIL	NIL	NA	No Violation
Remark: No proposal is given for dump working Remark File: NIL					
2	Quantity of dump material handling Proposed (in Tonne)	NIL	NIL	NA	No Violation
Remark: NIL Remark File: NIL					

3	Recovery of salable/usable mineral from dump production (in Tonne)	NIL	NIL	NA	No Violation
Remark: NIL Remark File: NIL					
4	Production from dump(s) during the year	NIL	NIL	NA	No Violation
Remark: NIL Remark File: NIL					
5	Quantity of mineral reject generation	NIL	NIL	NA	No Violation
Remark: NIL Remark File: NIL					
6	Grade of mineral reject generation and threshold value declared	NIL	NIL	NA	No Violation
Remark: NIL Remark File: NIL					
7	Any analysis or beneficiation study proposed & carried out for mineral reject	NIL	NIL	NA	No Violation
Remark: NIL Remark File: NIL					
8	Manual / Mechanized method adopted for dump working	NIL	NIL	NA	No Violation
Remark: NIL Remark File: 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
1	Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	Active Dumps-04 Nos. (Dump No. 4,5,7,16)	Active Dumps-04 Nos. (Dump No. 4,5,7,16) Inactive-13 nos. (Dump No.1,2,3,6,8,9,10,11,12,13,14,15,17)	NA	No Violation
Remark: NIL Remark File: NIL					
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Active Dumps-04 Nos. (Dump No. 4,5,7,16) N2480330.68 N248066722 E267434.07 E267784.61	Broadly as per proposal	NA	No Violation
Remark: NIL Remark File: NIL					
3	Number of active & Inative dumps	Active Dumps-04 Nos. (Dump No. 4,5,7,16) Inactive-13 nos. (Dump No.1,2,3,6,8,9,10,11,12,13,14,15,17)	Active Dumps-04 Nos Inactive-13 nos	NA	No Violation
Remark: NIL Remark File: NIL					
4	Number of dead dumps	Dump no. 13	Nil	NA	No Violation
Remark: NIL Remark File: NIL					
5	Number of dumps proposed for stabilished	Not in proposal	Nil	Nil	No Violation

Remark: NIL Remark File: NIL					
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Not in proposal	Nil	Nil	No Violatio n
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	Violatio n under Rule
1	Status on part or full extraction of mineral from mined out area before starting backfilling	Nil	Nil	NA	No Violatio n
Remark: The lease is not mature enough for backfilling. Remark File: NIL					
2	Year-wise area under backfilling of mined out area	Nil	Nil	NA	No Violatio n
Remark: NIL Remark File: NIL					
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Nil	Nil	NA	No Violatio n
Remark: NIL					

Remark File: NIL					
4	Total area fully reclaimed & rehabilitated	Nil	Nil	NA	No Violation
Remark: NIL Remark File: NIL					
5	Locations of proposed reclamation & rehabilitated	Nil	Nil	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.	Not in Proposal Plantation proposed for 1.00 Ha. & 1500 Nos.	N.A Carried out as per proposal 1.00 Ha. & 1500 Nos.	NIL	No Violation
Remark: NIL Remark File: NIL					
2	Rehabilitation by making water reservoir	Not in Proposal	NA	NA	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. 1500 nos. ii. 1.00Ha iii. Plantation	Afforestation as per Proposal i. 1500 nos. ii. 1.00Ha iii. Plantation	NA	No Violation
Remark: NIL Remark File: NIL					
4	Compliance of Environmental monitoring (core zone & buffer zone)	Proposal is given	Quarterly Monitoring is Done	NA	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	ROM dispatched proposed	Carried out as per proposal	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Different grade of mineral sorted out at	Limestone CaO> 42% SiO2 <7% Dolomite MgO>19% SiO2 <4%	Limestone CaO> 42% SiO2 <7% Dolomite MgO>19% SiO2 <4%	Nil	No Violation

	mines				n
Remark: Sub-grade ore is blended at the ROM stage and 100% ROM is saleable Remark File: NIL					
3	Any beneficiation process at mines	Available of crusher plant for making sizing as per the requirement of buyers	Available of crusher plant for making sizing as per the requirement of buyers	Nil	No Violation
Remark: Different sizes are produced in the crusher plants Remark File: NIL					
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Sub-grade ore is blended at the ROM stage	Systematic blending of ore and subgrade for maintaining the quality of the ore is done mechanically in the pit itself	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	Not in Proposal	NA	NA	No Violation
Remark: NIL Remark File: NIL					
2	Use of overburden, waste rock, rejects and fines dumps for	Not in Proposal	NA	NA	No Violation

	restoring the land to its original use				
Remark: NIL Remark File: NIL					
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not in Proposal	NA	NA	No Violation
Remark: NIL Remark File: NIL					
4	Plantation & Survival rate	Proposal 1500 saplings with survival rate 90%	1500 85%	NA	No Violation
Remark: NIL Remark File: NIL					
5	Water sprinkling on roads to control airborne dust	Yes	02 Nos. of 10KL water sprinkler are used in Haul Road and Fixed sprinkler are installed in crusher area	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	Submission of Online Monthly and Annual returns in prescribed period	All monthly returns submitted for the reporting year within the stipulated time period. Annual	NA	No Violation

	returns in prescribed period or not		return for FY 2024-25 has been submitted by the Lessee on 30.06.2025		n
Remark: NIL Remark File: NIL					
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Mining Engineer and Geologist to be appointed.	Mining Engineer & Geologist has been appointed as per provisions of Rule 55 of MCDR,2017	NA	No Violation
Remark: NIL Remark File: NIL					
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Incomplete or false or wrong returns not to be submitted	Cumulative boreholes and pit excavation area at the end of FY 2023-24 and no. of boreholes at the beginning of FY 2024-25 are not matching. Also, there is a discrepancy between the overburden quantity at the end of FY 2023-24 and at the beginning of FY 2024-25.	NA	Rule 45(7)
Remark: NIL 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	Notices and Returns for the lease area to be submitted	Notices and Returns for the lease area have been submitted	NA	No Violation
Remark: NIL Remark File: NIL					
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex. mine price for BF grade limestone is Rs. 574/tonne and for dolomite is Rs. 865/tonne. Total cost of production is Rs. 548.21/tonne.	Appears to be correct	NA	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	NA	3-star	NA	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

## 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	Exploration : Number of Core Boreholes	179	69	110.000	Rule 11(1)
Remark: M/s Geo-Exploration India Pvt. Ltd. was awarded the job of exploration work but the agency failed to complete the job. For completion of the exploration work tendering process is going on. Violation issued. Remark File: NIL					
2	Development - Opencast : Location of development w.r.t. lease area	Gurupahar, Khajurgadha, Duarsini Limestone and Patapahar, Duarsini Dolo, Rail-Cutting, Main Dolo Quarry	Duarsini Limestone and Main dolo Quarry	NA	Rule 11(1)
Remark: Out of three limestone and four dolomite quarries, only one limestone quarry and one dolomite quarry were active during FY 2024-25 Remark File: NIL					
3	Development - Opencast : Quantity of overburden generation in m <sup>3</sup>	Limestone: 76800 Dolomite: 0	11658	NA	Rule 11(1)
Remark: Generated overburden is only 15% of the quantity proposed. Remark File: NIL					
4	Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T)	Limestone-2829875 MT Dolomite-2429440 MT	Limestone-140345 MT Dolomite-634804 MT	Limestone-2689530 MT Dolomite-1794636 MT	Rule 11(1)
Remark: Actual ROM quantity for limestone falls short by 95% and dolomite by 74% of the quantity proposed. Remark File: NIL					
5	Annual Return : Whether incomplete or	Incomplete or false or wrong returns not to be submitted	Cumulative boreholes and pit excavation area at the end of FY 2023-24 and no. of boreholes at the	NA	Rule 45(7)

false or wrong returns submitted (Rule 45(7))	beginning of FY 2024-25 are not matching. Also, there is a discrepancy between the overburden quantity at the end of FY 2023-24 and at the beginning of FY 2024-25.		
Remark: NIL Remark File: NIL			

Final Submitted

Esigned by: POULOMMI MONDAL  
Date: 04/02/2026 06:08:50 PM