

# INDIAN BUREAU OF MINES

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

### Part-I : General Information

#### 1.1.1 Mine Details

Name of the Mine :	BHORAJ 122dot65 HA	Lease Area (Ha) :	122.57
Forest Area (Ha) :	122	Mine Code :	40APR01018
Registration Number :	IBM/733/2011	Name of lessee :	BALAJI ELECTRO SMELTERS PRIVATE LIMITED
Address of lessee :	FLAT No 4A, SAMPATHJI APRATMENTS, 6-3-855/10/A ,SADAT MANZIL, NEAR NIRAJ PUBLIC SCHOOL, AMEERPET, HYDERABAD, HYDERABAD	Phone of lessee :	07232-2454048
Email of lessee :	Besyml@gmail.com	Fax Number :	N/A
Village :	Bhoraj	Taluka / Mandal :	Jainath
District :	ADILABAD	Pincode :	500016
State :	Telangana	Post Office :	N/A
Nearest Police Station :	Adilabad	Nearest Railway Station :	Adilabad

Date of Grant of Mining Lease :	2009-07-14	Date of Mining Lease Execution :	2009-07-14
Date of opening in the mine :	2015-04-17		
<b>Nominated Owner Details</b>			
Name of the Nominated Owner :	Mr ANUP KAPARTHI	Nominated Owner Address:	Plot No 17/18, Darda Nagar Near Water Tank Yavatma
Nominated Owner Mobile :	9822033153	Nominated Owner Email :	Anupkparthi@gmail.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2015-06-26
<b>Mining Engineer Details</b>			
Name of the Mining Engineer :	Pradeep Pimpleshende	Qualification of Mining Engineer :	B Tech Mining
Address of Mining Engineer :	Adilabad Town	Phone of Mining Engineer :	N/A
Email of Mining Engineer :	N/A	Fax Number of Mining Engineer :	NA
Date of Mining Engineer Appointment :	2021-03-01		
<b>Geologist Details</b>			
Name of the Geologist :	Balasaheb Suryavamshi	Qualification of Geologist :	MSc Geology
Address of Geologist :	Adilabad Town	Phone of Geologist :	N/A
Email of Geologist :	N/A	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2021-11-29		
<b>Mine Manager Details</b>			
Name of the Mine Manager :	N/A	Qualification of Mine Manager :	N/A

Address of Mine Manger :	N/A	Phone of Mine Manger :	N/A
Email of Mine Manger :	N/A	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	Nil		
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 :	2024-01-17 (2024 - 2028)
Method of mining :	Open Cast	Category :	N/A
Nature of Use :	Non Captive		

## Part-II : Other Information

### 2.1.1 : Inspection Details

Inspecting Officer :	A.V.Ramesh Kumar
Designation :	AMG
Name of the Accompanying Official from Mine :	Sri K.Juneker
Designation of the Accompanying Official :	Qualifying Person
Type of Inspection :	FMCP
Date of Inspection :	16/04/2025
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	Remark	Remark File	
1	Number of Core Boreholes	No exploration was proposed during the year 2024-25	No exploration carried out during 2024-25	None	No Violation	Earlier about 58 core boreholes were drilled with a total meterage of 697 meters.	Nil	
2	Number of DTH Boreholes	No exploration was proposed during the year 2024-25.	No exploration was carried out during the year 2024-25.	None	No Violation	None	Nil	
3	Number of exploratory pits / trial pits	During the year year 2024-25, no trial pits/exploratory pits were proposed	No such exploration activity was carried out during 2024-25	None	No Violation	None	Nil	
4	Number of exploratory Trenches	No exploratory trenches were proposed during the year 2024-25	No exploratory trenches were made during the year 2024-25	None	No Violation	None	Nil	
5	Lateral exploration status for the lease area	G1	2.57	2.57	0.000	No Violation	None	Nil
6		G2	0.00	0	0.0000	No Violation	None	Nil
7		G3	0.00	0	0.0000	No Violation	None	Nil

8		G4	0	0	0.000	No Violation	None,area proved as Non-minerlasied was 120 ha.	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)	9652	4923	4729.000	No Violation	As per the approved Review of Mining Plan(RMP), the reserves mentioned are 9652 tonnes.However, as per the production reported for the years 2023-24 & 2024-25 and depreceating the same it is about 4923 tonnes.	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	Pit : Pit-I & II & Direction : NW-SE	Mining operations being carried out as proposed	None	No Violation	None	Nil
2	Quantity of overburden generation in m3	2452.45	1635	817.450	Rule 11(1)	None	Nil

3	Quantity of topsoil generation in m3	4697.55	3132	1565.550	Rule 11(1)	None	Nil
4	Stripping ratio : ore to OB ratio	1:1.56	1:1.56	None	No Violation	None	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	Pit ID : Pit-I & II	Mining operations being carried out as proposed	None	No Violation	None	Nil
2	Quantity of ROM mineral production proposed (in T)	3936.00	2861	1075.000	Rule 11(1)	None	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	3936.00	2861	1075.000	Rule 11(1)	Nil	Nil
4	Quantity of mineral reject/Sub-grade generation	0.00	0	0.0000	No Violation	None	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	0	0	0.000	No Violation	None	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	There is no such proposal	No such practise being carried out	None	No Violation	None	Nil

7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	Bench height proposed to be maintained at 3 meters as proposed	The bench height being maintained at 3 meters	None	No Violation	None	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No such proposal	No such practise being carried out	None	No Violation	None	Nil

#### 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	Total number of dumps : 1 Dump ID : Nil	Only one dump was noticed during the inspection	None	No Violation	None	Nil
2	Quantity of dump material handling Proposed (in Tonne)	The entire waste generated is dumped and being used simultaneously for reclamation by way of backfilling	The waste generated is being used for reclamation puposes such as backfilling simultaneously	None	No Violation	None	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	None	None	None	No Violation	None	Nil

4	Production from dump(s) during the year	0.00	0	0.000	No Violation	None	Nil
5	Quantity of mineral reject generation	0	0	0.000	No Violation	None	Nil
6	Grade of mineral reject generation and threshold value declared	Nil	Nil	Nil	No Violation	None	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	None	None	None	No Violation	None	Nil
8	Manual / Mechanized method adopted for dump working	None	None	None	No Violation	None	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 seperate dumping of topsoil and OB was proposed	Seperate dumping of topsoil and OB being carried out	None	No Violation	None	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Latitude 19:43:56.80 to 19:43:57.88 Longitude 78:32:01.55 to 78:32:02.58	Dumping being carried out as proposed	None	No Violation	None	Nil
3	Number of active & Inative dumps	Dump ID : D-1, Dump Type : Waste, Dump Status : Active	Yes one active dump being maintained	None	No Violation	None	Nil
4	Number of dead dumps	None	None	None	No Violation	None	Nil
5	Number of dumps proposed for stabilished	None	None	None	No Violation	None	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	None	None	The OB generated is being used for backfilling simulteneously	No Violation	None	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	1.50	Yes, extent mentioned is correct	None	No Violation	None	Nil
2	Year-wise area under backfilling of mined out area	Pit ID : Pit I Pit II, Area Proposed : 1587.00	About 0.18 ha was reclaimed by way of backfilling(1800.00)	None	No Violation	None	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Generated :3826.34 Utilized :3826.34 Stored :0.00	3132	694	Rule 11(1)	None	Nil
4	Total area fully reclaimed & rehabilitated	0.15 ha proposed for backfilling during 2024-25	0.18 ha reclaimed by way of backfilling	None	No Violation	None	Nil
5	Locations of proposed reclamation & rehabilitated	N2183791 - E241605	N2183791 - E241605	None	No Violation	None	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.	Plantation : Location :Barrier Zone, Area : 0.40, No. of Plant : 200 Plantation : Location :Barrier Zone, Area : 0.20, No. of Plant : 100 Pit ID : Pit I Pit II, Area : 1587.00	Yes planted about 200 saplings during the year 2024-25	None	No Violation	None	Nil
2	Rehabilitation by making water reservoir	None	None	None	No Violation	None	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	None	None	None	No Violation	None	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Yes	yes	None	No Violation	None	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	No such proposal during the year 2024-25	No such practise being carried out	None	No Violation	None	Nil
2	Different grade of mineral sorted out at mines	None	None	None	No Violation	None	Nil
3	Any beneficiation process at mines	No such proposal	None	None	No Violation	None	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	None	None	None	No Violation	Nil	Nil

Final Submitted

**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	Proposed	Yes, the topsoil being generated is being used to lay over the reclaimed area	None	No Violation	None	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	It was proposed to utilise the OB/waste for simultaenous backfilling	The OB/waste being used for simultenaous backfilling of the mined out area.	None	No Violation	None	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	It was proposed to reclaim by way of backfilling about .15 ha duirng 2024-25.	An extent of 0.18 ha was backfilled duirng the year 2024-25	None	No Violation	None	Nil
4	Plantation & Survival rate	Plantation : 200, Survial Rate : 40	Planted about 200 saplings duirng the year 2024-25	None	No Violation	None	Nil
5	Water sprinkling on roads to control airborne dust	Yes	Yes water sprinkling for control of dust suppression being carried out.	None	No Violation	None	Nil

Final Submitted

**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	Last Annual Returns : No, Last Monthly Returns : Yes - March 2025 - Submitted on : 2025-04-03	Monthly and annual returns are being submitted in time by lessee	None	No Violation	None	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Both Mining Engineer and Mining Geologist are appointed in the mine as per the annual return 2023-24,annual return 2024-25 yet to submit.	as per the annual return 2023-24, Sri Pradeep Pimpleshende and Sri Balasahed suryavamshi are appointed as Mining Engineer and Geologist respectively	None	No Violation	None	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	During the scrutiny of the annual return 2023-24, it was observed that the reserve figure was not correct.	The reserve figure reported in the annual return is not matching with the figure given in the approved RMP in Jnauary 2024.	A show cause notice shall be issued to the lessee.	Rule 45(7)	None	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	FMCP submitted by the lessee with a proposal for clsure of mine by 2027 as mineral being exhausted.	FMCP submitted and under processing	None	No Violation	None	Nil

5	Notices and Returns for the lease area submitted or not where fine applicable	Returns are being submitted in time	No fines are pending for payment by the lessee	None	No Violation	None	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	The ex-mine price as per the annual return 2023-24 was reported as Rs.3708/- per tonne for less than 25% Mn and Rs.7113/- per tonne for MN between 25-35%	Same was checked and confirmed during the inspection.	None	No Violation	None	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	Year of Submission : 2023-2024 , Rating : 3 Stars	3 star	None	No Violation	None	Nil

### Part-III : Other Reports

#### 3.1.1 : Upload Other Reports

S.N.	Reports File	Remark   File Description
1	Nil	None

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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 m3	2452.45	1635	817.450	Rule 11(1)	None	Nil
2	Development - Opencast : Quantity of topsoil generation in m3	4697.55	3132	1565.550	Rule 11(1)	None	Nil
3	Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T)	3936.00	2861	1075.000	Rule 11(1)	None	Nil
4	Exploitation - Opencast Mine : Recovery of salable/usable mineral quantity from ROM production in T)	3936.00	2861	1075.000	Rule 11(1)	Nil	Nil
5	Solid Waste Management - Backfilling (Opencast) : Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Generated :3826.34 Utilized :3826.34 Stored :0.00	3132	694	Rule 11(1)	None	Nil
6	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	During the scrutiny of the annual return 2023-24, it was observed that the reserve figure was not correct.	The reserve figure reported in the annual return is not matching with the figure given in the approved RMP in Jnauary 2024.	A show cause notice shall be issued to the lessee.	Rule 45(7)	None	Nil
7	None	None	None	None	No Violation	None	Nil

8	Development - Opencast: Quantity of overburden generation in m3	2452.45	1635	817.450	Rule 11(1)	Nil	Nil
9	Development - Opencast: Quantity of topsoil generation in m3	4697.55	3132	1565.550	Rule 11(1)	Nil	Nil
10	Exploitation - Opencast Mine: Quantity of ROM mineral production proposed (in T)	3936.00	2861	1075.000	Rule 11(1)	Nil	Nil
11	Exploitation - Opencast Mine: Recovery of salable/usable mineral quantity from ROM production in T)	3936.00	2861	1075.000	Rule 11(1)	Nil	Nil
12	Solid Waste Management - Backfilling (Opencast): Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Generated :3826.34 Utilized :3826.34 Stored :0.00	3132	694	Rule 11(1)	Nil	Nil
13	Annual Return: Whether incomplete or false or wrong returns submitted (Rule 45(7))	During the scrutiny of the annual return 2023-24, it was observed that the reserve figure was not correct.	The reserve figure reported in the annual return is not matching with the figure given in the approved RMP in Jnauary 2024.	A show cause notice shall be issued to the lessee.	Rule 45(7)	Nil	Nil

Esigned by: A.V.Ramesh Kumar  
Date: 02/05/2025 02:50:29 PM