

# INDIAN BUREAU OF MINES

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

### Part-I : General Information

#### 1.1.1 Mine Details

Name of the Mine :	40APR20045	Lease Area (Ha) :	13.868
Forest Area (Ha) :	N/A	Mine Code :	40APR20045
Registration Number :	IBM/536/2011	Name of lessee :	R B S S D & F N DAS
Address of lessee :	SHREERAMNAGAR ,SHREERAMNAGAR, GARIVIDI	Phone of lessee :	08952-282041
Email of lessee :	Rbssdfndasvzm@gmail.com	Fax Number :	N/A
Village :	Avagudem	Taluka / Mandal :	Garividi
District :	VIZIANAGARAM	Pincode :	535101
State :	Andhra Pradesh	Post Office :	N/A
Nearest Police Station :	Cheepurupalli	Nearest Railway Station :	Cheepurupalli
Date of Grant of Mining Lease :	2068-03-08	Date of Mining Lease Execution :	2068-03-08
Date of opening in the mine :	1968-03-08		

<b>Nominated Owner Details</b>			
Name of the Nominated Owner :	Mr MANVENDRA MOR	Nominated Owner Address:	DFN Bangolow
Nominated Owner Mobile :	9849110444	Nominated Owner Email :	Rbssdfndasvzm@gmail.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2015-05-11
<b>Mining Engineer Details</b>			
Name of the Mining Engineer :	Shri Songala Appla Naidu	Qualification of Mining Engineer :	B.Tech. Mining Engineering
Address of Mining Engineer :	M/s R.B.S.S.D. And F. N. Das, Shreeram Nagar Post, Garividi Mandal, Vizianagram District, Andhra Pradesh - 535101	Phone of Mining Engineer :	9550676601
Email of Mining Engineer :	Rbssdfndasvzm@gmail.com	Fax Number of Mining Engineer :	NA
Date of Mining Engineer Appointment :	2023-04-05		
<b>Geologist Details</b>			
Name of the Geologist :	Shri Bandi Raman Murthy	Qualification of Geologist :	M. Sc. Tech. Geology
Address of Geologist :	M/s R.B.S.S.D. And F. N. Das, Shreeram Nagar Post, Garividi Mandal, Vizianagram District, Andhra Pradesh - 535101	Phone of Geologist :	9573486339
Email of Geologist :	Rbssdfndasvzm@gmail.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2022-11-21		
<b>Mine Manager Details</b>			
Name of the Mine Manager :	Shri Songala Appla Naidu	Qualification of Mine Manager :	B.Tech. Mining Engineering
Address of Mine Manger :	M/s R.B.S.S.D. And F. N. Das, Shreeram	Phone of Mine Manger :	9550676601

	Nagar Post, Garividi Mandal, Vizianagram District, Andhra Pradesh - 535101		
Email of Mine Manger :	Rbssdfndasvzm@gmail.com	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2023-04-05		
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 :	N/A
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 :	Shaival Kartikeya
Designation :	Senior Mining Geologist
Name of the Accompanying Official from Mine :	General Manager (Mines)
Designation of the Accompanying Official :	A. Vishwanath Naidu
Type of Inspection :	MCDR
Date of Inspection :	18/02/2025
Review year considered for MCDR Inspection :	2023-2024

**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 proposal.	Nil.	No deviation.	No Violation	The entire potential mineralised area has already been explored under G1 Level.	Nil
2	Number of DTH Boreholes		No proposal.	Nil.	No deviation.	No Violation	As per the last approved MMP dated 14/03/2022 G1 Level: 7.751 Ha., Non-mineralised area 6.117 Ha.	Nil
3	Number of exploratory pits / trial pits		No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
4	Number of exploratory Trenches		No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
5	Lateral exploration status for the lease area	G1	No proposal.	Nil.	No deviation.	No Violation	As per the last approved MMP dated 14/03/2022 G1 Level: 7.751 Ha., Non-mineralised area 6.117 Ha.	Nil
6		G2	No proposal.	Nil.	No deviation.	No Violation	As per the last approved MMP dated 14/03/2022	Nil

							G1 Level: 7.751 Ha., Non-mineralised area 6.117 Ha.	
7		G3	No proposal.	Nil.	No deviation.	No Violation	As per the last approved MMP dated 14/03/2022 G1 Level: 7.751 Ha., Non-mineralised area 6.117 Ha.	Nil
8		G4	No proposal.	Nil.	No deviation.	No Violation	As per the last approved MMP dated 14/03/2022 G1 Level: 7.751 Ha., Non-mineralised area 6.117 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)		As on 01/04/2024 Under (111): 612703.21 Tonnes Under (211): 69766.62 Tonnes	As on 01/04/2024 Under (111): 675574.21 Tonnes Under (211): 69766.62 Tonnes	Nil production during F.Y. 2021-22	No Violation	Reserves and resources has been estimated as on 31/12/2021. Mn: 28.73% Fe: 11.99% SiO2: 12.99% Phos: 0.31%	Nil

### 2.3.1 : Development - Opencast Details

S.N.	Items for Reporting	As Per Approved	Actual	Deviation	Violation under	Remark	Remark File
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		Mining Plan			Rule		
1	Location of development w.r.t. lease area	In between UTM co-ordinates N230960 to N231067 and E768176 to E768304	In between UTM co-ordinates N2030877 to N2030986 and E768173 to E768466	Excess development has been pointed out.	Rule 11(1)	Deviation has been pointed out.	Nil
2	Quantity of overburden generation in m <sup>3</sup>	130225.00 CuM	127427.00 CuM	No deviation.	No Violation	Nil.	Nil
3	Quantity of topsoil generation in m <sup>3</sup>	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
4	Stripping ratio : ore to OB ratio	1 : 2.86	1 : 3.59	Stripping ratio has been increased due to less production.	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	01 no.	01 no.	No deviation.	No Violation	Nil.	Nil
2	Quantity of ROM mineral production proposed (in T)	45540.0 Tonnes	35446.0 Tonnes	No deviation.	No Violation	Nil.	Nil
3	Recovery of salable/usable mineral	70%	Approx 75%	No deviation.	No Violation	Nil.	Nil

	quantity from ROM production in T)						
4	Quantity of mineral reject/Sub-grade generation	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	No proposal.	Manual segregation is in practice for grade wise sorting of mineral from the ROM.	No deviation.	No Violation	Nil.	Nil
7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	Height:OB/Waste : 3.0 m Mineral/Ore: 4.0 m Width: OB/Waste: Minimum 10.0 m Mineral/Ore: Minimum 10.0 meters	Height: OB/Waste: 3.0 m to 10.0 m Mineral/Ore: 3.0 m Width: OB/Waste: 2.0 m to 20 meters Mineral/Ore: 1.0 m to 3.0 meters	Bench height and width are not maintained. Deviation has ben pointed out.	Rule 11(1)	Deviation has ben pointed out.	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal.	Nil.	No deviation.	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	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
2	Quantity of dump material handling Proposed (in Tonne)	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
4	Production from dump(s) during the year	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
5	Quantity of mineral reject generation	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
6	Grade of mineral reject generation and threshold value declared	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
8	Manual / Mechanized method adopted for dump working	No proposal.	Nil.	No deviation.	No Violation	Nil.	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)	Proposal has been given in the approved document for separate dumping of OB/Waste in between UTM co-ordinates N2030945 to N2031114 and E768025 to E768166	Dumping has been done in between UTM co-ordinates (i) N2030875 to N2030986 and E768063 to E768177 (ii) N2030963 to N2031158 and E768024 to E768094 (iii) N2031075 to N2031211 and E767990 to E768140 (iv) N2031083 to N2031170 and E768106 to E768270 without any approved proposals.	Deviation has been pointed out.	Rule 11(1)	Deviation has been pointed out.	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	In between UTM co-ordinates OB/Waste: N2030945 to N2031114 and E768025 to E768166	In between UTM co-ordinates OB/Waste: (i) N2030875 to N2030986 and E768063 to E768177 (ii) N2030963 to N2031158 and E768024 to E768094 (iii)	Deviation has been pointed out.	Rule 11(1)	Deviation has been pointed out.	Nil

			N2031075 to N2031211 and E767990 to E768140 (iv) N2031083 to N2031170 and E768106 to E768270 Mineral/Ore: N2030854 to N2030884 and E768181 to E768248 without any approved proposals.				
3	Number of active & Inative dumps	OB/Waste: 01 no.	OB/Waste: 04 nos. Mineral/Ore: 01 no.	Deviation has been pointed out.	Rule 11(1)	Deviation has been pointed out.	Nil
4	Number of dead dumps	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
5	Number of dumps proposed for stabilished	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil

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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	No proposals for backfilling.	Nil.	No deviation.	No Violation	Nil.	Nil
2	Year-wise area under backfilling of mined out area	No proposals for backfilling.	Nil.	No deviation.	No Violation	Nil.	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
4	Total area fully reclaimed & rehabilitated	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
5	Locations of proposed reclamation & rehabilitated	No proposal.	Nil.	No deviation.	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.	100 nos. of sapling will be planted over 0.15 Ha.	100 nos. of saplings have been planted over 0.15 Ha.	No deviation.	No Violation	Nil.	Nil
2	Rehabilitation by making water reservoir	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	100 nos. 0.15 Ha. By plantation	100 nos. 0.15 Ha. By plantation	No deviation.	No Violation	Nil.	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	No proposal.	Regular monitoring of the environmental parameters has been done.	All the parameters are within the permissible limit.	No Violation	Nil.	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 proposal.	Manual screening and sorting from the ROM is being done.	No deviation.	No Violation	Nil.	Nil
2	Different grade of mineral sorted out at mines	No proposal.	Manual sorting is being done for segregation of mineral/ore for (i) Below 25% Mn and (ii) Above 25% Mn to below 35% Mn.	No deviation.	No Violation	Nil.	Nil
3	Any beneficiation process at mines	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	No proposal.	Nil.	No deviation.	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.	No deviation.	No Violation	Nil.	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
4	Plantation & Survival rate	100 nos. of sapling	100 nos. of saplings with approximate 55% survival rate.	No deviation.	No Violation	Nil.	Nil
5	Water sprinkling on roads to control airborne dust	No proposal.	Water sprinkling on roads to control airborne dust through the water tanker is being done.	No deviation.	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	AR submitted up to F.Y. 2023-24 MR submitted up to January 2025	AR submitted up to F.Y. 2023-24 MR submitted up to January 2025	No deviation.	No Violation	Nil.	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Mining Engineer: Shri S. Appala Naidu, Geologist: Shri B. Ramana Murthy	Mining Engineer: Shri S. Appala Naidu, Geologist: Shri B. Ramana Murthy	No deviation.	No Violation	Nil.	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Anuual and monthly returns have been scrutinised.	No major deficiencies have been observed.	No deviation	No Violation	Nil.	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	As per the executed mining lease deed, the mining lease will be expired on 06/12/2025.	In accordance with the Rule 24(1) of MCDR, 2017, the lessee has to submit the Final Mine Closure Plan prior 2 years of the expiry of the mining lease. FMCP has not been submitted.	Deviation has been pointed out	Rule 24(1)	Violation has been pointed out.	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	Appointment notice of the Manager (Mines) is not submitted.	Appointment notice has not been submitted.	Deviation has been pointed out.	Rule 46	Violation has been pointed out.	Nil

6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex-mine Price: (i) Below 25% Mn: Rs. 3826.57 Per Metric Tonne (ii) 25% to below 35% Mn: Rs. 7878.14 Per Metric Tonne Cost of Production: Rs. 2987.20 Per Metric Tonne	Ex-mine Price: (i) Below 25% Mn: Rs. 3826.57 Per Metric Tonne (ii) 25% to below 35% Mn: Rs. 7878.14 Per Metric Tonne Cost of Production: Rs. 2987.20 Per Metric Tonne	No deviation.	No Violation	Nil.	Nil
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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	4.19 Lakh	7.29 Lakh	No deviation.	No Violation	SDF expenditure has been considered for F.Y. 2022-23 and F.Y. 2023-24 as the supplementary lease deed for the lapsed period has been executed during F.Y. 2022-23.	Nil

### Part-III : Other Reports

#### 3.1.1 : Upload Other Reports

S.N.	Reports File	Remark   File Description
1	Nil	Not any.

### 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 : Location of development w.r.t. lease area	In between UTM co-ordinates N230960 to N231067 and E768176 to E768304	In between UTM co-ordinates N2030877 to N2030986 and E768173 to E768466	Excess development has been pointed out.	Rule 11(1)	Deviation has been pointed out.	Nil
2	Exploitation - Opencast Mine : Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	Height:OB/Waste : 3.0 m Mineral/Ore: 4.0 m Width: OB/Waste:	Height: OB/Waste: 3.0 m to 10.0 m Mineral/Ore: 3.0 m Width:	Bench height and width are not maintained. Deviation has been pointed out.	Rule 11(1)	Deviation has been pointed out.	Nil

		Minimum 10.0 m Mineral/Ore: Minimum 10.0 meters	OB/Waste: 2.0 m to 20 meters Mineral/Ore: 1.0 m to 3.0 meters				
3	OB / Waste Dumps details : Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	Proposal has been given in the approved document for separate dumping of OB/Waste in between UTM co-ordinates N2030945 to N2031114 and E768025 to E768166	Dumping has been done in between UTM co-ordinates (i) N2030875 to N2030986 and E768063 to E768177 (ii) N2030963 to N2031158 and E768024 to E768094 (iii) N2031075 to N2031211 and E767990 to E768140 (iv) N2031083 to N2031170 and E768106 to E768270 without any approved proposals.	Deviation has been pointed out.	Rule 11(1)	Deviation has been pointed out.	Nil
4	OB / Waste Dumps details : Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	In between UTM co-ordinates OB/Waste: N2030945 to N2031114 and E768025 to E768166	In between UTM co-ordinates OB/Waste: (i) N2030875 to N2030986 and E768063 to E768177 (ii) N2030963 to N2031158 and E768024 to E768094 (iii) N2031075 to N2031211 and	Deviation has been pointed out.	Rule 11(1)	Deviation has been pointed out.	Nil

			E767990 to E768140 (iv) N2031083 to N2031170 and E768106 to E768270 Mineral/Ore: N2030854 to N2030884 and E768181 to E768248 without any approved proposals.				
5	OB / Waste Dumps details : Number of active & Inative dumps	OB/Waste: 01 no.	OB/Waste: 04 nos. Mineral/Ore: 01 no.	Deviation has been pointed out.	Rule 11(1)	Deviation has been pointed out.	Nil
6	Annual Return : Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	As per the executed mining lease deed, the mining lease will be expired on 06/12/2025.	In accordance with the Rule 24(1) of MCDR, 2017, the lessee has to submit the Final Mine Closure Plan prior 2 years of the expiry of the mining lease. FMCP has not been submitted.	Deviation has been pointed out	Rule 24(1)	Violation has been pointed out.	Nil
7	Annual Return : Notices and Returns for the lease area submitted or not where fine applicable	Appointment notice of the Manager (Mines) is not submitted.	Appointment notice has not been submitted.	Deviation has been pointed out.	Rule 46	Violation has been pointed out.	Nil

Esigned by:  Shajwal Kartikeya  
Date: 20/02/2025 08:55:40 PM