

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	KANTHER KOIRA MANGANESE MINES	Lease Area (Ha) :	73.301
Forest Area (Ha) :	36	Mine Code :	40ORI13057
Registration Number :	IBM/42907/2018	Name of lessee :	P. M. GRANITE EXPORT PRIVATE LIMITED
Address of lessee :	129 , 7TH MAIN ,5TH BLOCK, JAYANAGAR	Phone of lessee :	080-2653495
Email of lessee :	Pmgranite55@gmail.com	Fax Number :	N/A
Village :	Koida (Ct)	Taluka / Mandal :	Koida
District :	Sundargarh	Pincode :	560041
State :	Odisha	Post Office :	N/A
Nearest Police Station :	Koira	Nearest Railway Station :	Barbil
Date of Grant of Mining Lease :	2020-07-02	Date of Mining Lease Execution :	2020-07-02
Date of opening in the mine :	2021-04-16		

Nominated Owner Details			
Name of the Nominated Owner :	Mr M BABANNA	Nominated Owner Address:	129, 7 TH MAIN ROAD 5TH BLOCK JAYANAGAR BENGALURU
Nominated Owner Mobile :	9845030722	Nominated Owner Email :	Pmgranite55@gmail.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2001-01-05
Mining Engineer Details			
Name of the Mining Engineer :	Jeetendra Kumar Mohanty	Qualification of Mining Engineer :	Degree In Mining Engineering
Address of Mining Engineer :	Kanther-Koira, Koira, Sundargarh - 770048	Phone of Mining Engineer :	N/A
Email of Mining Engineer :	Kk.manager@pmgroup.org.in	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2021-02-22		
Geologist Details			
Name of the Geologist :	Pravas Ranjan Mahanta	Qualification of Geologist :	M.Sc. Geology
Address of Geologist :	Kanther-Koira, Koira, Sundargarh - 770048	Phone of Geologist :	N/A
Email of Geologist :	Kk.geologist@pmgroup.org.in	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2023-06-26		
Mine Manager Details			
Name of the Mine Manager :	Jeetendra Kumar Mohanty	Qualification of Mine Manager :	Degree In Mining Engineering
Address of Mine Manger :	Kanther-Koira, Koira, Sundargarh - 770048	Phone of Mine Manger :	N/A
Email of Mine Manger :	Kk.manager@pmgroup.org.in	Fax Number of Mine Manger :	N/A

Date of Mine Manger Appointment :	2021-02-22		
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 :	2025-03-28 (2025 - 2029)
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 :	POULOMMI MONDAL
Designation :	JUNIOR MINING GEOLOGIST
Name of the Accompanying Official from Mine :	Sri Jeetendra Kumar Mohanty and Sri Pravas Ranjan Mahanta
Designation of the Accompanying Official :	Sri Jeetendra Kumar Mohanty (Mines Manager) & Sri Pravas Ranjan Mahanta (Geologist)
Type of Inspection :	MCDR,STR
Date of Inspection :	26/11/2025
Review year considered for MCDR Inspection :	2024-2025

Final Submitted

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	182	3	179.000	Rule 11(1)
Remark: Total 182 nos. of boreholes (7,280 meterage) were proposed for drilling for FY 2024-25 however only 3 borehole (79 meter) has been drilled actually. Remark File: NIL					
2	Number of DTH Boreholes	Nil	Nil	0.000	No Violation
Remark: NIL Remark File: NIL					
3	Number of exploratory pits / trial pits	Nil	Nil	0.000	No Violation
Remark: NIL Remark File: NIL					
4	Number of exploratory Trenches	Nil	Nil	0.000	No Violation
Remark: NIL Remark File: NIL					
5	Lateral exploration status for the lease area - G1	27.742 Ha.	28.410 Ha.	NA	No Violation
Remark: NIL Remark File: NIL					

6	Lateral exploration status for the lease area-G2	45.559 Ha.	44.891 Ha	NA	No Violation
Remark: NIL Remark File: NIL					
7	Lateral exploration status for the lease area-G3	Nil	Nil	NA	No Violation
Remark: NIL Remark File: NIL					
8	Lateral exploration status for the lease area-G4	Nil	Nil	NA	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)	As on 31/08/2024 121-525800.00 221-44440.00 Total reserve+ resource- 5,70,240T	As on 31/03/2025 121- 512580.00 221- 44440.00 Total reserve+ resource- 5,57,020T	NA	No Violation
Remark: NIL Remark File: NIL					

2.3.1 : Development - Opencast Details

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S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Location of development w.r.t. lease area	E319774 E319774 N2421485 N2421820 E 319674 E 319674 N 2421645 N 2421725	Broadly within the proposed area	NA	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of overburden generation in m3	309784	107082.14	202701.860	Rule 11(1)
Remark: Actual generation of overburden is 35% of the quantity proposed for FY 2024-25. 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: 7.6379	1: 5.3479	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	One (Main Pit)	One (Main Pit)	NA	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of ROM mineral production proposed (in T)	40558.980	20023.000	20535.980	Rule 11(1)
Remark: Actual generation of ROM is 50% of the quantity proposed for FY 2024-25. Remark File: NIL					
3	Recovery of salable/usable mineral quantity from ROM production in T)	40558.980	13117.000	27441.980	No Violation
Remark: Recovery of saleable ROM is 67% less than the quantity proposed due to less ROM production. Violation of 11(1) is already given for the same. Remark File: NIL					
4	Quantity of mineral reject/Sub-grade generation	No proposal	6161.000 tones from processed ore	NA	No Violation
Remark: NIL Remark File: NIL					
5	Grade of mineral reject/sub-grade generation as per threshold value declared	Threshold value: 10 % Mn. And while cut-off grade considered by the Lessee for manganese ore is 10% Mn. The Mn ore containing +25% Mn is saleable ore. Mn ore containing 10-25% Mn is considered as sub-grade ore.	13.12%	NA	No Violation
Remark: NIL Remark File: NIL					
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Manual and mechanized both	Manual and mechanized both	NA	No Violation
Remark: NIL					

Remark File: NIL					
7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	Proposed bench height is 6m and width is 8m	The lessee has maintained the height and width of the mine benches more or less as per the proposal.	NA	No 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 for dump working. Remark File: NIL					
2	Quantity of dump material handling Proposed (in Tonne)	Nil	Nil	NA	No Violation

Remark: No proposal for dump working. Remark File: NIL					
3	Recovery of salable/usable mineral from dump production (in Tonne)	Nil	Nil	NA	No Violation
Remark: No proposal for dump working. Remark File: NIL					
4	Production from dump(s) during the year	Nil	Nil	NA	No Violation
Remark: No proposal for dump working. Remark File: NIL					
5	Quantity of mineral reject generation	Nil	Nil	NA	No Violation
Remark: No proposal for dump working. Remark File: NIL					
6	Grade of mineral reject generation and threshold value declared	Nil	Nil	NA	No Violation
Remark: No proposal for dump working. Remark File: NIL					
7	Any analysis or beneficiation study proposed & carried out for mineral reject	Nil	Nil	NA	No Violation
Remark: No proposal for dump working. Remark File: NIL					
8	Manual / Mechanized method adopted for dump working	Nil	Nil	NA	No Violation
Remark: No proposal for dump working.					

Remark File: NIL

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)	Separate dumping of OB & mineral reject were proposed.	Separate dumping of OB & stacking of mineral reject are being practiced.	NA	No Violation
Remark: NIL Remark File: NIL					
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	E 320363 E 320045 N 2422298 N 2421888	Waste dumping is carried out within the proposed extent as per the proposal.	NA	No Violation
Remark: NIL Remark File: NIL					
3	Number of active & Inative dumps	Active Dump: 01 Inactive Dump: 01	Active Dump: 01 Inactive Dump: 01	NA	No Violation
Remark: NIL Remark File: NIL					
4	Number of dead dumps	1	1	0.000	No Violation
Remark: NIL Remark File: NIL					
5	Number of dumps	Nil	Nil	NA	No

	proposed for stabilised				Violation
Remark: NIL Remark File: NIL					
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Nil	Nil	NA	No Violation
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	Violation under Rule
1	Status on part or full extraction of mineral from mined out area before starting backfilling	Nil	Nil	NA	No Violation
Remark: Existing pit is not matured for backfilling as ore/mineral not exhausted completely. Remark File: NIL					
2	Year-wise area under backfilling of mined out area	Nil	Nil	NA	No Violation
Remark: Existing pit is not matured for backfilling as ore/mineral not exhausted completely. Remark File: NIL					
3	Year-wise topsoil generation, Utilization	Nil	Nil	NA	No Violation

	and Stored proposal (in m3)				n
Remark: Existing pit is not matured for backfilling as ore/mineral not exhausted completely. Remark File: NIL					
4	Total area fully reclaimed & rehabilitated	Nil	Nil	NA	No Violation
Remark: Existing pit is not matured for backfilling as ore/mineral not exhausted completely. Remark File: NIL					
5	Locations of proposed reclamation & rehabilitated	Nil	Nil	NA	No Violation
Remark: Existing pit is not matured for backfilling as ore/mineral not exhausted completely. 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.	NIL 1000 Nos of saplings is to be planted over 0.6 Ha area (Green Belt along Safety zone)	NIL Carried out as per proposal	NIL	No Violation
Remark: NIL Remark File: NIL					

2	Rehabilitation by making water reservoir	NIL	NIL	NIL	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.1000 Nos of saplings ii.2024-25 0.6 Ha. (Green Belt along Safety zone) iii.Plantation	i.1000 Nos of saplings ii.2024-25 0.6 Ha. (Green Belt along Safety zone) iii.Plantation	NA	No Violation
Remark: NIL Remark File: NIL					
4	Compliance of Environmental monitoring (core zone & buffer zone)	Air, Noise and Water quality monitoring will be done during the year within the lease area.	Air, Noise and Water quality monitoring is being done during the year within the lease area.	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	Ore/mineral sorting, screening Plant within lease area.	As per proposal	NA	No Violation
Remark: NIL					

Remark File: NIL					
2	Different grade of mineral sorted out at mines	The Mn ore containing +25% Mn is saleable ore. Mn ore containing 10-25% Mn is considered as sub-grade and utilized after blending.	Less the 25% Mn	NA	No Violation
Remark: NIL Remark File: NIL					
3	Any beneficiation process at mines	NIL	NIL	NA	No Violation
Remark: NIL Remark File: NIL					
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Blending at ROM stage	The low grade Manganese ore after screening, sorting and sizing by manual method is marketed.	NA	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	Nil	Nil	NA	No Violation
Remark: NIL Remark File: NIL					

2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	Nil	NA	No Violation
Remark: No proposal was given Remark File: NIL					
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	NA	No Violation
Remark: No proposal was given Remark File: NIL					
4	Plantation & Survival rate	1000 Nos of saplings with 65% survival rate for 2024-25	1000 Nos of saplings with 87.2% of survival rate for 2024-25.	NA	No Violation
Remark: NIL Remark File: NIL					
5	Water sprinkling on roads to control airborne dust	Water sprinkling by water tanker over haul roads proposed.	Water sprinkling by water tanker over haul roads has been carried out during the reporting year	NA	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
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1	Submission of Online Monthly and Annual returns in prescribed period or not	Submission of Online Monthly and Annual returns in prescribed period	All monthly returns submitted for the reporting year within the stipulated time period. Annual return for FY 2024-25 has been submitted by the Lessee on 30.06.2025	NA	No Violation
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.	Date of Appointment: Mining Engineer: 22/02/2021 Geologist: 26/06/2023	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	Exploration cost is to be furnished. Mineral reserves at the end of FY 2023-24 and at the beginning of FY 2024-25 are not matching	NA	Rule 45(7)
Remark: NIL Remark File: NIL					
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	NIL	NIL	NIL	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 of Below 25% Mn Ore - Rs. 3858.46 Cost of production Rs. 5536.70/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	2021-22: 3 Stars 2022-23: 3 Stars 2023-24: 3 Stars	3 stars	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

Final Submitted

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	182	3	179.000	Rule 11(1)
Remark: Total 182 nos. of boreholes (7,280 meterage) were proposed for drilling for FY 2024-25 however only 3 borehole (79 meter) has been drilled actually. Remark File: NIL					
2	Development - Opencast : Quantity of overburden generation in m ³	309784	107082.14	202701.860	Rule 11(1)
Remark: Actual generation of overburden is 35% of the quantity proposed for FY 2024-25. Remark File: NIL					
3	Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T)	40558.980	20023.000	20535.980	Rule 11(1)
Remark: Actual generation of ROM is 50% of the quantity proposed for FY 2024-25. Remark File: NIL					
4	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	Incomplete or false or wrong returns not to be submitted	Exploration cost is to be furnished. Mineral reserves at the end of FY 2023-24 and at the beginning of FY 2024-25 are not matching	NA	Rule 45(7)
Remark: NIL Remark File: NIL					

Esigned by: POULOMMI MONDAL
 Date: 04/02/2026 03:18:55 PM