

**INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION
MCDR INSPECTION REPORT
BANGALORE REGIONAL OFFICE**

Mine File No :KNT/CTD/FE-45/BNG

S. N.	Particulars	Details
1	Name of the Mine	KK Kaval Iron & Mn ore mine
2	Date of inspection	26.06.24
3	Name of inspecting officer	K. Srinivas, JMG
4	Name of accompanying mine officials	Ashok Kumar Jain, Agent Sarvottam, Mine Manager Dhananjay B.K, Mining Engineer
5	Previous date of Inspection	24.07.2023
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	21.44ha, Forest
7	Minocode with ML no.	30KAR07032, ML no.2583
8	IBM Registration Number under rule 45 of MCDR, 1988	IBM/7488/2011
9	Name of the lessee, Address, phone, email and fax number	M/s Garudadri Impex Pvt.Ltd No.464, Ward No.15/27, 1 st Floor,Dam Road, Hospet – 583 201(Vijayanagar District)
10	Village	KK Kaval
11	Taluk/Mandal	Hosadurga
12	District	Chitradurga
13	Pincode	577 533
14	State	Karnataka
15	Post office	Hosadurga
16	Nearest police station	Hosadurga
17	Nearest Railway station	Hosadurga
18	Date of Grant of Mining Lease	31.05.2008
19	Date of Execution	31.05.2008
20	Date of opening of Mine	-
21	Date of expiry	30.05.2028
22	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Smt.Sindhu Manoj Kumar Jain,
23	Name of the Mine Agent with Address, phone, email, fax	Ashok Kumar Jain, Agent

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	number and date of appointment	
24	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Sarvottam, Mine Manager
25	Name of the Mining Engineer , Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Dhananjay B.K, Mining Engineer
26	Whether Geologist appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Dr.C P Prasanna Kumar
27	Date of Approval of Mining plan/ Review and updation of Mining plan with five-year period and specific condition in approval letter, if any.	RMP dated 27.02.2024(2023-24 to 2027-28) (279/903/2006)
28	Mineral(s) granted in lease and proved for mining	Iron ore and Manganese ore
29	Method of Mining(Opencast, Underground)	opencast
30	Category (Fully Mechanized, Others or Manual)	A cat.Fully Mechanized
31	Captive/ Non captive	Non captive
32	Present EC Capacity	80,000 t

Exploration

S.N	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposals	Nil	-
1b	Exploration over lease area for Geological axis 1 or 2.	No proposals	Nil	No proposals for the year 2023-24
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No proposals	nil	-
1d	Balance area to be explored to bring Geological axis in 1 or	Not specified	G1-6.14ha G2-6.64ha Area to be	As reported by the lessee

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	2		explored- 7.86ha	
1e	Balance reserves as on <u>01.04.2024</u>	-	The resources of Manganese ore as on 1.4.2024 is 90003.68 tonnes.	The reserves of Iron ore as on 1.4.2024 is (111)872118.55 tonnes.
1f	General remarks of inspecting officer on geology, exploration etc.	There are no exploration proposals for the year 2023-24. However, the mining operations are not carried out since 01.04.2023 for want of CFO from Pollution Control Board. Temporary Discontinuance Notice in Form-E has been submitted on 17.04.2023.		

Development

S.N	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	Pit-1	Development has not been carried out as proposed.	the mining operations are not carried out during the year 2023-24
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Separate benches proposed in OB and mineral.	Work not carried out.	Not working for want of CFO.
2c	Stripping ratio or ore to OB ratio	1:0 (in tonnes)	Nil	-
2d	Quantity of topsoil generation in m3	No proposal	nil	No top soil generated.
2e	Quantity of overburden generation in m3	nil	nil	-
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	The development has not been carried out for want of CFO. The mining operations are not carried out during the year 2023-24. Hence the violation has not been pointed out.		

Exploitation

S.N	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	One pit	nil	-
3b	Quantity of ROM mineral production proposed	29999 tonnes	Nil	the mining operations are not carried out during the year 2023-24
3c	Recovery of salable/usable mineral from ROM production	100%	nil	-
3d	Quantity of mineral reject generation	No proposal	Nil	-
3e	Grade of mineral reject generation and threshold value declared	No proposal	Nil	-
3f	Quantity of sub-grade mineral generation	No proposal	Nil	-
3g	Grade of sub-grade mineral generation	No proposal	Nil	-
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	nil	-
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	Nil	-
3j	Provision of drilling	No proposal	nil	-

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	& blasting in mineral benches			
3k	Provision of mining machineries in mineral benches	Machineries proposed- Excavators- 3 Wheel loader-1 Tippers- 1	nil	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed bench height 6m proposed.	nil	-
3m	Total area covered under excavation/pits	5.08 Ha	3.98 Ha	As per the AR 2023-24.
3n	Ore to OB ratio for the pit/mine during the year	1:0 (in tonnes)	Nil	-
3o	Total area put in use under different heads at the end of year	Area under mining – 5.08ha OB Dumping - 3.66ha Mineral storage-1.11ha Infrastructure & Roads -0.66ha	Area under mining – 3.98ha OB Dumping - 2.12ha Mineral storage-1.30ha Infrastructure & Roads -0.05ha	As per the AR 2023-24.
3p	Production of ROM mineral during last five-year period, as applicable	Iron ore : 2019-20: 30000 2020-21: 30000 2021-22: 30000 2022-23: 30000 2023-24 :29999 (in tonnes)	2019-20: Nil 2020-21: Nil 2021-22:10000 2022-23:30000 2023-24 : nil (in tonnes)	Violation not pointed out due to non-working of mine

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3q	General remarks of inspecting officer on method of mining etc.	The mining operations are not carried out since 01.04.2023 for want of CFO from Pollution Control Board. Temporary Discontinuance Notice in Form-E has been submitted on 17.04.2023. The violation has not been pointed out.
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Solid Waste Management-Dumping

S.N	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Separate Dumping of Overburden, Mineral proposed.	Not carried out	-
4b	Location of topsoil, OB & mineral reject dumps	Eastern side of the working pit.	nil..	-
4c	Number of dumps within lease area and outside lease area	1 OB dump within the Mining lease.	1 OB dump within the Mining lease.	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside the Ultimate Pit Limit	Outside the Ultimate Pit Limit	-
4e	Number of active & alive dumps	1 active waste dump	1 active waste dump	-
4f	Number of dead dumps	no dead dumps within ML area.	no dead dumps within ML area	-
4g	Number of dumps stabilized	nil	nil	-
4h	Whether Retaining wall or garland drain all along dumps are there	60m Retaining wall, 406m Fencing & 120m Garland drain proposed.	Not carried out.	-
4i	Length of Retaining wall or garland drain all along dump	60m Retaining wall, 406m Fencing &	Not carried out.	The mining operations are not

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		120m Garland drain proposed.		carried out since 01.04.2023 for want of CFO from Pollution Control Board.
4j	Number of settling ponds	No proposals	nil.	-
4k	Specific comments of inspecting officer on waste dump management.	The mining operations are not carried out since 01.04.2023 for want of CFO from Pollution Control Board. Temporary Discontinuance Notice in Form-E has been submitted on 17.04.2023. The violation has not been pointed out.		

Solid Waste Management-Backfilling

S.N	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No proposal	Nil	-
5b	Area under backfilling of mined out area	No proposal	Nil	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposal	Nil	-
5d	Total area fully reclaimed & rehabilitated	No proposal	Nil	-
5e	General remarks of inspecting officer on backfilling, reclamation etc	There are no proposals for backfilling.		

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Progressive Mine Closure Plan

S.N	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E(2). Details should be given in the format as given in Annexure-20.	To be submitted the annual report on PMCP under Rule26(2)	Annual PMCP Report for the year 2021-22 submitted on 29.06.2024	-.
6b	Area available for rehabilitation (ha)	0.3ha	Nil	-
6c	Afforestation done (ha)	0.3ha within lease	nil	As reported by the lessee during the inspection.
6d	No. of saplings planted during the year	500	nil	As reported in AR2023-24.
6e	Cumulative no. of plants	Not specified	4000	As reported by the lessee
6f	Any other specific method of rehabilitation	No proposals	Nil	-
6g	Cost incurred on watch & care during the year	Rs 100000/-	Nil	-
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D)	No proposals	Nil	-
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Void	No proposals	Nil	-

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	filled by waste/tailings			
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on the backfilled area	No proposals	Nil	-
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposals	Nil	-
6l	Compliance on reclamation and rehabilitation by backfilling (v) Any other specific means	No proposals	Nil	-
6m	Compliance of Rehabilitation of waste land within lease (i) Afforestation	No proposals	Nil	-
6n	Compliance of Rehabilitation of waste land within lease (ii) Area rehabilitated (ha)	No proposals	Nil	-
6o	Compliance of Rehabilitation of waste land within lease (iii) Method of rehabilitation	No proposals	Nil	-
6p	Compliance of Environmental monitoring (core zone & buffer zone)	Environment monitoring proposed for Air, Water & Noise.	nil	-
6q	General remarks of inspecting officer on PMCP compliance & progressive closure operations	The mining operations are not carried out since 01.04.2023 for want of CFO from Pollution Control Board. Temporary Discontinuance Notice in Form-E has been submitted on 17.04.2023. The violation has		

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not been pointed out.

Mineral Conservation

S.N.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Mechanical crushing and screening proposed	nil	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanical crushing and screening proposed	nil	-
7c	Different grade of mineral sorted out at mines	10mm to -40mm	nil	-
7d	Any beneficiation process at mines	No proposal	nil	-
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	The mining operations are not carried out since 01.04.2023 for want of CFO from Pollution Control Board. Temporary Discontinuance Notice in Form-E has been submitted on 17.04.2023. The violation has not been pointed out.		

Environment

S. N.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	nil	No top soil generated
8b	Concurrent use or storage of topsoil	No proposal	nil	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposal for Separate dumping of Overburden/Mineral	nil	-
8d	Use of overburden, waste rock, rejects and fines dumps for	No proposal	nil	

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	restoring the land to its original use			
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	nil	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	500nos. of saplings inside the ML area.	nil.	As reported in AR2023-24
8g	Survival rate	75%	nil	-
8h	Water sprinkling on roads to control airborne dust	Water sprinkling on haul roads proposed to control airborne dust.	Nil.	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	There is no change in aesthetic beauty in and around mines area.		
Compliance of Rule 45				
S. N.	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to May, 2024 A.R. for the year 2023-24 submitted on 29.06.2024.		-
S. N.	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for	Sri Sarvottam, Mine Manager	Appears to be correct	-

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	information on Mining Engineer, Geologist and Manager	Dhananjay B.K, Mining Engineer Dr.C P Prasanna Kumar, Geologist		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under mining – 3.98ha OB Dumping - 2.12ha Mineral storage-1.30ha Infrastructure & Roads - 0.05ha	Appears to be correct	-
9d	Scrutiny of Annual return on afforestation	Nil	Appears to be correct	-
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Appears to be correct	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	O/S –31500t Production -nil C/S – 31500t	Appears to be correct	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Cost of production-Nil/tonne Ex-price mine-Rs nil/tonne	Appears to be correct	-
9i	Scrutiny of Annual return on fixed assets	Fixed Assets-Rs 13913743/-	Appears to be correct	-
9k	Scrutiny of Annual return on mining machineries	Nil	Appears to be correct	-

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Date :

(K. Srinivas)
Junior Mining Geologist
Indian bureau of Mines