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MCDR inspection REPORT

Bangalore regional office

Mine file No : KNT/RCH/G-4/BNG

Mine code : 27KAR16004

- (i) Name of the Inspecting : **OM5**) **Dr.OMKESHA MURTHY.M.G**
Officer and ID No.
- (ii) Designation : Regional Mining Geologist
- (iii) Accompanying mine : Sri. P Suresh, Agent &I/c DGM (NP),Sri. Ramesh, Dy. M
Official with
Designation
- (iv) Date of Inspection : 13/07/2023
- (v) Prev.inspection date : 27/09/2022

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **HIRABUDDINI**
- (b) **Registration NO.** : **IBM/4362/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Underground
- (e) Postal address
State : KARNATAKA
District : RAICHUR
Village : BUDDINNI
Taluka : MANVI
Post office : HIRA
Pin Code : 584123
FAX No. : 08537-275054 (F),
E-mail : hygomin@bsnl.in & hgmlsrmh:
Phone : 08537-275026 (O),948223803!
- (f) Police Station : Sirivara
- (g) First opening date : 01/01/1997
- (h) Weekly day of rest : SUN
2. Address for : HUTTI GOLD MINES COMPANY LTD
correspondance Village-Hira Buddinni; Post-Heera, Tq-Manvi
Dist-RAICHUR, Karnataka -584115
3. (a) Lease Number : KAR1493
- (b) Lease area : 22.18
- (c) Period of lease : 50
- (d) Date of Expiry : 28/03/2058
4. Mineral worked : GOLD Main

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5. Name and Address of the

Lessee : HUTTI GOLD MINES COMPANY LTD
 At & Po- Hutti Tq-Lingsugur
 584 115 RAICHUR KARNATAKA
 Phone:08537-275025
 FAX :08537-275054

Owner : Sanjay. B Shettnavar, Managing Director
 M/s TheHuttiGold Mines
 Co.ltd
 3rdFloorK.H.B.Shopping
 Complex National Games
 Village
 Kormangala, BANGALORE
 KARNATAKA
 Phone:
 FAX : 08537-275054

Agent : P Suresh
 M/s The Hutti Gold Mines
 Co.ltd Hutti, PO:584115
 Raichur DistrictKarnataka
 RAICHUR KARNATAKA
 Phone: 9900470404
 FAX :

Mining Engineer
 Name : SURESH TAMBE..,Full Time
 Qualification : B.E.MINING
 Appointment/ : 10/03/2016
 Termination date

Geologist
 Name : Ramesha G,Full Time
 Qualification : M.SC GEOLOGY
 Appointment/ : 30/04/2010
 Termination date

Manager
 Name : T.S.MANJUNATH..
 Qualification : B.E.MINING
 Appointment/ : 05/10/2007
 Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	22/02/2013
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	23/06/2016
	:	MP review under 17(1) MCR 2016	31/12/2020

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PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	01 Boreholes @ s/f (1210m) 2021-2022 1 Bore hole for the year 2022-23 and 1 trench	02 boreholes @ s/f (631m) 2 trenches of 40m 3	
1b	Exploration over lease area for geological axis 1 or 2	G1- 3.468 Ha G2- 9.930 Ha G-3 - 0.260 Ha G-4 - 8.520 Ha	G1- 3.468 Ha G2- 9.930 Ha G-3 - 0.260 Ha G-4 - 8.520 Ha	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	HGML	Rs.30,39,634/-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	G-1- 3.468 G-2- 9.930 G-3-0.260 G-4- 8.520	G-1- 3.468 G-2- 9.930 G-3-0.260 G-4- 8.520	
1e	Balance reserve as on 01/04/20	0.51 MT	0.51 MT	
1f	General remarks of inspecting officers on geology, exploration etc			It is observed that systematic exploration carried out in the mine.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	On-lode development of 383M(Drive, X-Cut and raise/winzes) and Off-lode development Waste rock development of 100M (x-cut & drive) and Newservice shaft sinking of 40M	On-lode development of 193.7M (Drive, X-Cut and raise/winzes) and Off-lode development Waste rock development of 0 M (x-cut & drive) and New service shaft sinking of 0 M	Violation issued under Rule 11(1) of MCDR 2017.

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2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Not Applicable -		
2c	Stripping ratio or ore to OB ratio	1:0.66	Ore-25267T Waste:0 1:0	No waste rock development.
2d	Quantity of topsoil generation in m3	Not Applicable -		
2e	Quantity of overburden generation in m3	NIL	NA	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Target development not achieved violation issued

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	01Stope (S-7)	01 Stope (S-6)	Production from S7 block, not started as because the ore was not fully exhausted from S6 block. Violation also issued for not achieving the target production.
3b	Quantity of ROM mineral production proposed	62604 T	24732T	Violation issued for not achieving the target production.
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	Not Proposed	-	
3e	Grade of mineral rejects generation and threshold value declared.	Not Proposed	-	

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3f	Quantity of sub grade mineral generation.	Not Proposed	-	
3g	Grade of sub grade mineral generation	Not Proposed	-	
3h	Manual / Mechanised method adopted for segregating from ROM	Not Proposed	-	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not Proposed	-	
3j	Provision of drilling and blasting in mineral benches	Stope Drilling - - Ring Pattern Horizontal development - Burn Cut Pattern	-	Explosive - Kelvex power Gel (25mm and 40mm dia)
3k	Provision of mining machineries in mineral benches	Jack Hammer, Loaders, Locomotives, Simba junior Machines etc.	Jack Hammer, Loaders, Locomotives, Simba junior Machines etc.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Not Applicable	-	
3m	Total area covered under excavation/pits	-	-	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.66	0	No waste rock development
3o	Total area put in use under different heads at the end of year	Area under Mining - 0.50 Infrastructure - 3.00 Roads - 0.26 Others (Pipe Lines)-0.10 (Units are in ha)	Area under Mining - 0.50 Infrastructures - 3.00 Roads - 0.26 Others (Pipe Lines)-0.10 (Units are in ha)	

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3p	Production of ROM mineral during the last five year period as applicable	2018-19 - 60000 2019-20- 60000 2020-21- 60000 2021-22- 59515 2022-23- 62604 Total- 3,02,119 T	- Total- 88,753 T (in tonnes)	2018-19- 8062 2019-20-11101 2020-21- 25681 2021-2022-19177 2022-23- 24732
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3q	General remarks of inspecting officers on method of mining etc.	Targeted production not achieved violation issued for the same.
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Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No Proposals	Nil	Currently used for CC road purpose
4b	Location of topsoil, OB and mineral reject dumps	No Proposals	-	
4c	Number of dumps within lease area and outside of lease area	No Proposals	-	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Proposals	-	
4e	Number of active and alive dumps.	No Proposals	-	
4f	Number of dead dumps.	No Proposals	-	
4g	Number of dumps established.	No Proposals	-	
4h	Whether Retaining wall or garland drain all along dumps are there.	No Proposals	-	
4i	Length of Retaining wall or garland drain all along dumps	No Proposals	-	

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4j	Number of settling ponds	No Proposals	-	
4k	Specific comments of inspecting officer on waste dump management			-

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No Proposals	-	
5b	Area under backfilling of mined out area	No Proposals	-	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No Proposals	-	
5d	Total area fully reclaimed and rehabilitated	No Proposals	-	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			-

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Yes	Submitted in time	
6b	Area available for rehabilitation (ha) .	0	0	

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6c	afforestation done (ha).	0	0
6d	No. of saplings planted during the year	1400 (Within ML + ML)	3000 (Within ML)1000 (Outside ML)
6e	Cumulative no .of plants	-	-
6f	Any other method of rehabilitation	Not Applicable	-
6g	Cost incurred on watch and care during the year	Not Applicable	-
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Not Applicable	-
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not Applicable	-
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	Not Applicable	-
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not Applicable	-
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	-	-
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	-	-

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6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	-	-	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	-	-	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Provided	Ground water, Dust, Ambient Air quality etc.	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Plantation in the lease area done.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	62604	25267 T	24732T ROM transported to Hutti gold mines
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not Applicable	-	
7c	Different grade of mineral sorted out at mines.	Not proposed	Nil	
7d	Any beneficiation process at mines	NA	NA	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Mineral conservation aspects followed in the mine.

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	NIL	
8b	Concurrent use or storage of topsoil	No proposal	NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	NIL	The small quantity black rock generated is used for civil works (currently used for CCroadconstruction)
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	NIL	
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 and additional plantation done (Rule 41)	Not Mentioned	Total plantation 24400	
8g	Survival rate	70%	65%	
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	Water spraying carried out in Mines & surrounding villages

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8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Environmental protection measures were taken care during the mine operation and mine premises.
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to June-2023 ***** A.R. Submitted up to 2022-23		SCN issued for rectificationPart-I,III, V & VIII of the AR submitted for the year 2022-23.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	1)Kumar Mohan Singh (Mine Manager) 2) Ramesha.G(Dy.M anagerExplorat ion)	Appears Correct	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	-		SCN issued for rectification
9d	Scrutiny of Annual return on afforestation	1400 Saplings (Survival Rate 65%)	Appears to be correct	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NIL		
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Opening Stock - 0 Production - 62604 Closing Stock- 0	-	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Rs. 8837.55	Appears to be correct	

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9h	Scrutiny of Annual return on fixed assets	RS. 14086862	Appears to be correct
9k	Scrutiny of Annual return on mining machineries	Furnished	Appears to be correct

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Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
MCDR17 Rule 11(1)	08/08/2023		MCDR17 Rule 45(7)	08/08/2023	
MCDR17 Rule 45(7)(a)	08/08/2023				

Date :**(Dr.OMKESHA MURTHY.M.G)**

Indian Bureau of Mines