

I/23041/2024

MCDR inspection REPORT

Bangalore regional office

Mine file No : KNT/RCH/AU/2/BNG

Mine code : 27KAR16002

- (i) Name of the Inspecting : **OM5**) **Dr.OMKESHA MURTHY.M.G**
Officer and ID No.
- (ii) Designation : Regional Mining Geologist
- (iii) Accompanying mine : Shri. P.Suresh ,I/c DGM (NP),Shri. Manjunath Kadler,
Official with
Designation
- (iv) Date of Inspection : 24/11/2023
- (v) Prev.inspection date : 28/09/2022

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **UTI**
- (b) **Registration NO.** : **IBM/4362/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Underground
- (e) Postal address
- State : KARNATAKA
- District : RAICHUR
- Village : UTI
- Taluka : DEODURGA
- Post office : SUNNADAKALLU(JALAHALLI)
- Pin Code : 584116
- FAX No. : 08537-275054 (F),
- E-mail : hygomin@bsnl.in ; hgmlsrmh:
- Phone : 08537-275026 (O),948223803!
- (f) Police Station : JALAHALLI
- (g) First opening date : 11/06/1991
- (h) Weekly day of rest : SUN
2. Address for : Uti Gold Mine Of M/s HUTTI GOLD MINES COMPANY LT
correspondance Tq- Deodurga, Dist-Raichur
KARNATAKA - 584115
3. (a) Lease Number : KAR0125
- (b) Lease area : 47.96
- (c) Period of lease : 50
- (d) Date of Expiry : 12/06/2041
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 : PRABHULING KAVALIKATTI, IAS
3 rd FLOOR KHB SHOPPING
COMPLEX NATIONAL GAMES
VILLAGE, KORAMANGALA
,BANGALORE BANGALORE
KARNATAKA
Phone: 05837275022
FAX :

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

Mining Engineer

Name : RAGHVENDRA,Full Time
Qualification : B E MINING
Appointment/ : 10/04/2023
Termination date

Geologist

Name : GANESHA .R.B,Full Time
Qualification : M.Sc GEOLOGY
Appointment/ : 25/05/2018
Termination date

Manager

Name : SHIVANANDA NAYAK
Qualification :
Appointment/ : 10/06/2023
Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	07/05/1990
Plan/Scheme of Mining		Fresh under rule 22 MCR1960	27/05/1996
		Modif.of approved Mining Plan	21/02/1997
		Mining Scheme rule 12 MCDR1988	06/03/2003
		Mining Scheme rule 12 MCDR1988	01/11/2006
		Renewal under rule 24 MCR1960	05/09/2012
		Mining Scheme rule 12 MCDR1988	16/06/2016
		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	Surface boreholes: Total:2208mtr	Surface boreholes:31 Total :11726mtrs	As per approved document
1b	Exploration over lease area for geological axis 1 or 2	G-1 :7.03 Ha G-2 :1.55 Ha (as per the approved MP)	Area covered under G1 level will increase due recent explorationcarried out by the lessee and the same needs to be incorporated in the RUMP/MMP.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	South West pinnacle Pvt. Limited. Rs.5,64,48,96 4/- for year 2022-23	As per annual returns	
1d	Balance area to be explored to bring Geological axis in 1 or 2	G-2 :1.55 Ha G-3 :8.63 Ha Non Mineralized 30.75 (as per the approved MP)	Area covered under G1 level will increase due recent exploration carried out by the lessee and the same needs to be incorporated in the RUMP/MMP.	Based on the recent exploration G1 will change, the same will be incorporated in the RUMP/MMP.
1e	Balance reserve as on 01/04/20	0.0436@ 2.35g/t Tonnes		
1f	General remarks of inspecting officers on geology, exploration etc			Exploration work carried out satisfactorily for the year 2022-23.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	On Lode (mtrs): Horizontal-676 Off Lode (mtrs): Horizontal-300	On Lode (mtrs):44.10 and Off Lode (mtrs):104.80M achieved also there is no development of ore drive proposed for the year 2022-23 at Level 3, 6 and 8 respectively	Violation under Rule11(1) of MCDR 2017 has been issued to the lessee

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2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Not applicable --	Underground mine
2c	Stripping ratio or ore to OB ratio	Not applicable --	Underground mine
2d	Quantity of topsoil generation in m3	Not applicable --	Underground mine
2e	Quantity of overburden generation in m3	Not applicable --	Underground mine
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		Required development not carried out, violation under Rule11(1) of MCDR 2017 has been issued to the lessee.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	01 Stope in Lode No.4 (G-Block).	Lode No.3 (G-Block)	violation under Rule11(1) of MCDR 2017 has been issued to the lessee
3b	Quantity of ROM mineral production proposed	70000	31295.00	violation under Rule11(1) of MCDR 2017 has been issued to the lessee
3c	Recovery of sailable/usable mineral from ROM production	100%	As per proposal	
3d	Quantity of mineral reject generation	No Proposal	NA	
3e	Grade of mineral rejects generation and threshold value declared.	No Proposal	NA	
3f	Quantity of sub grade mineral generation.	No Proposal	NIL	

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3g	Grade of sub grade mineral generation	No Proposal	NIL	
3h	Manual / Mechanised method adopted for segregating from ROM	No Proposal	NIL	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No Proposal	NA	
3j	Provision of drilling and blasting in mineral benches	Stope Drilling - Ring Pattern Horizontal development - Burn Cut Pattern	Stope Drilling - Ring Pattern Horizontal development - Burn Cut Pattern	
3k	Provision of mining machineries in mineral benches	Jack HammerBBC/BVB Hopper Loader &Rosava Loader, etc.	Jack Hammer, BBC/BVB Hopper Loader &Rosava Loader, etc.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Not applicable --		Underground mine
3m	Total area covered under excavation/pits	5.57Ha	5.57Ha	
3n	Ore to OB ratio for the pit/mine during the year.	NA	NIL	No waste development during the year reported in the AR.
3o	Total area put in use under different heads at the end of year	Area under mining-5.57 Ha OB / Dump - 1.65 Ha Mineral storage-1.76 Ha Infrastructure - 1.82 Ha Afforested area- 20.88 Ha	Area under mining-5.57 Ha OB / Dump - 1.65 Ha Mineral storage-1.76 Ha Infrastructure- 1.82 Ha Afforested area- 20.88 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: 64026 2022-23: 70000 (in tonnes) Total: 314026T	2018-19 : 15360 2019-20: 39766 2020-21: 29789 2021-22: 29617 2022-23: 31295 (in tonnes) Total : 145827T
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3q	General remarks of inspecting officers on method of mining etc.	Production and development proposed were not achieved violation issued for the same.
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Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposals	NIL	
4b	Location of topsoil, OB and mineral reject dumps	No proposals	NIL	
4c	Number of dumps within lease area and outside of lease area	Within Lease Area: 02	Within Lease	Area: 02
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposals	NIL	
4e	Number of active and alive dumps.	01 (D2)	01 (D2)	
4f	Number of dead dumps.	01D1-Dump	01D1-Dump	
4g	Number of dumps established.	Not applicable	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there.	YES	As per proposal	

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4i	Length of Retaining wall or garland drain all along dumps	Retaining wall 50m and 70m Garland drain.	70m - Retaining wall 80m -Garland drain.For D1 Dump.	
4j	Number of settling ponds	Not Applicable NIL		
4k	Specific comments of inspecting officer on waste dump management	This year no generation of waste and the earlier generated dumps is maintenance is satisfactory		

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 Proposal	NIL	
5b	Area under backfilling of mined out area	No Proposal	No stopes available for backfilling	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No Proposal	NIL	
5d	Total area fully reclaimed and rehabilitated	No Proposal	NIL	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No stopes are readily available for backfilling.

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	To be submitted before 1st July of every year.	Submitted in time.
6b	Area available for rehabilitation (ha) .	18.74	18.74
6c	afforestation done (ha).	0.54Ha	1.60
6d	No. of saplings planted during the year	1350	4000 As per Annual report
6e	Cumulative no .of plants	2700	21550 As per Annual report
6f	Any other method of rehabilitation	No Proposal	NIL
6g	Cost incurred on watch and care during the year	Rs. 20,00,000	Rs.37,00,000
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No Proposal	NIL
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No Proposal	NIL
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No Proposal	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No Proposal	NIL

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6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No Proposal	NIL	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No Proposal	NIL	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No Proposal	NIL	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No Proposal	NIL	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Season wise monitoring of Air, Water, Noise etc., is being carried out.	Made available during inspection	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			PMCP proposals implementation is satisfactory

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	70000	31295	Violation issued for less production
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No Proposal	NIL	

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7c	Different grade of mineral sorted out at mines.	No Proposal	NIL	
7d	Any beneficiation process at mines	No Proposal	NIL	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Ore mined in the mine has been transported to Hutti by road for beneficiation for extraction of gold. Mineral conservation process while mining is taken care.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not Applicable	NIL	
8b	Concurrent use or storage of topsoil	Not Applicable	NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not Applicable	NIL	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Applicable	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Applicable	NIL	

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8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Not indicated	4000	
8g	Survival rate	40-50%	50%	
8h	Water sprinkling on roads to control airborne dust	32000 lit/day	32000 lit/day	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Maintained the aesthetic beauty in and around mines area.

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 2022-2023	M.R. Submitted up to June-2023 ***** A.R. Submitted up to 2022-2023	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mine Manager: Apsarmiya Mining Engineer, &Qualified Person :G Shiva KrishnaStatuto ry Geologist Ganesha.RB,	As per AR	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under mining-5.57 Ha OB/Dump-1.65 Ha Mineral storage-1.76 Ha Infrastructure - 1.82 Ha Afforested area- 20.88 Ha	Area under mining-5.57 Ha OB/Dump-1.65 Ha Mineral storage-1.76 Ha Infrastructure- 1.82 Ha Afforested area- 20.88 Ha	

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9d	Scrutiny of Annual return on afforestation	4000		
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not Applicable	NIL	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	31295 produced has been transported		VL issued for short of production and also VL-come-Show cause issued to the lessee for rectification of discrepancies observed in the returns submitted for the year 2022-23.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	10765.17	As per AR	
9h	Scrutiny of Annual return on fixed assets	113776900	As per AR	
9k	Scrutiny of Annual return on mining machineries	Indicated in the AR	Appears ok	

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

Violation observed			Show cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
MCDR17 Rule 11(1)	21/12/2023		MCDR17 Rule 45(7)	21/12/2023	
MCDR17 Rule 45(7)(a)	21/12/2023				

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

Indian Bureau of Mines