

MCDR INSPECTION REPORT (2023-24)

S. N.	Particulars	Details
1	Name of the Mine	Uti Gold Mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	47.96 Ha, Non -forest land.
3	Mine code	27KAR16002
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/4362/2011.
5	Name of the lessee, Address, phone, email and fax number	The Hutti Gold Mines Co. Ltd. The Hutti Gold Mines Co.Ltd, Post Office :Hutti-584115 Village-Hutti, Taluk: Lingasugur District: Raichur, State: Karnataka Pin:584115 Ph:08537-275026 Email: utigoldmines@gmail.com Fax: No.:08537-275054.
6	Village	Uti
7	Taluk/Mandal	Deodurga
8	District	Raichur
9	Pincode	584116
10	State	Karnataka
11	Post office	Sunnadakallu (Jalahalli)
12	Nearest police station	Jalahalli
13	Nearest Railway station	Raichur
14	Date of Grant of Mining Lease	13/06/1991
15	Date of Execution	13/06/1991
16	Date of opening of Mine	11/07/1991
17	Date of first Renewal, if applicable and its period & expiry	17/04/2010, Expiry - 12/06/2041
18	Date of second Renewal, if applicable and its period & expiry	-----
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Deemed Extension: From : 12/01/2015 To : 12/06/2041
20	Name of the Nominated Owner	Smt. Shilpa R

	with Address, phone, email, fax number and date of appointment	The Managing Director The Hutti Gold Mines Co. Ltd. Registered office, 3 rd Floor, KHB shopping Complex, National Games Village, Koramangla, Bangalore Phone:08537275022 Email:Rohgml@gmail.com Date of Appointment :01/03/2021
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Sri. ManjunathKadler The Hutti Gold Mines Co. Ltd. Hutti-584115, Taluk: Lingasugur, Dist.: Raichur, Karnataka Phone: 9448966504 Email: manjunthkadler@gmail.com Fax. No: 08537-275050 Date of Appointment : 01.01.2024
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Sri.Manjunatha.K The Uti Gold Mines Co. Ltd, Post Office :Hutti-584115 Taluk: Lingasugur District: Raichur Mob: 9886967725 Email: manjuk6951@gmail.com Fax: No.:08537-275050 Date of Appointment: 01/01/2024
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri. Raghvendra, B.E. Mining Engineer & holder of Second class Mine Manager Certificate of competent (UR). Experience: 08 years Address: The Uti Gold Mines Co. Ltd, Post Office :Hutti-584115 Taluk: Lingasugur District: Raichur Ph:7348995161 Email:raghavendra704 @gmail.com Fax: No.:08537-275050 Date of Appointment: 10/4/2023.
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying	Yes

	out their duties as per rule 43 & 44.	
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Review and Updation of Mining Plan approved on 31/12/2020. Vide letter No. 279/493/96/BNG. For the period 2021-22 to 2025-26.
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Mining Scheme approval on 17/06/2016, vide letter No. 279/493/96/BNG-1265 for the period of 2016-17 to 2020-21.
27	Mineral(s) granted in lease and proved for mining	Gold and Associated Minerals
28	Method of Mining(Opencast, Underground)	Underground
29	Category (Fully Mechanized, Others or Manual)	Fully mechanized
30	Captive/ Non captive	Captive
31	Date of inspection	27/09/2024
32	Name of accompanying mine officials with designation	<ol style="list-style-type: none"> 1. Sri. ManjunathKadler, Agent & Sr. Manager (Auto). 2. Sri.Manjunatha.K, Mine Manager 3. Sri.Venkteshmurthy N, Dy. Manager (Exploration) 4. Sri. Kasim M.D, Dy. Manager (Mining) & Safety Officer (UGM) 5. Sri.Raghavendra, Mining Engineer & Asst.Manager. 6. Sri. Prabhu Gowda, Jr. Engineer (Mechanical). 7. Sri. Basavaraj, Jr. Engineer (Electrical) 8. Sri.Kamanna, Sr. Officer (HR). 9. Sri. Sai Sandeep.M Geologist (Exploration)

	10. Sri. Mallikarjuna, Surveyor
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Exploration

S.N	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Surface boreholes: Total:07 Holes, 2160mtr	Surface boreholes: 31 Total :11726 mtrs	Details have been verified in the field during inspection
1b	Exploration over lease area for Geological axis 1 or 2.	-	Total exploration drilling proposed during the plan period completed, area to be ascertained, will be clear once they submit the GR.	May be ascertained during the current FY, while incorporation of the exploration data in the RMP due for the next plan period.
1c	Exploration Agency & Expenditure in lakh Rupees during the year	M/s HGML has Out sourced diamond drilling work to South West pinnacle Pvt. Limited.	Rs. 98,63,834/-	Tally with information furnished in AR
1d	Balance area to be explored to bring Geological axis in 1 or 2	G-1 :7.03 Ha G-2 :1.55 Ha G-3 :8.63 Ha	G1:23.98Ha G2:1.59Ha G3:0.00Ha	Exploration is under progress, and

				area yet to be confirmed while updating in the RUMP.
1e	Balance reserves as on <u>01.04.2024</u>		0.60MT	As per annual return submitted for the FY-2023- 24, will be confirmed yet to be confirmed while updating in the RUMP
1f	General remarks of inspecting officer on geology, exploration etc.	Sufficient surface Exploration drilling carried out during this plan period and the underground drilling needs to be carried out to ascertain the exact extent of the ore body and reserve grade.		

Development:

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	On Lode (mtrs): Horizontal- 820 Off Lode (mtrs): Horizontal- 100	2.00Mts	Less Development due to delay in equipping the service shaft and MECL shafts for hoisting the ore/waste rock. Violation issued for the same.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Not Applicable	NA	

2c	Stripping ratio or ore to OB ratio	Not Applicable	NA	
2d	Quantity of topsoil generation in m3	Not Applicable	NA	
2e	Quantity of overburden generation in m3	Not Applicable	NA	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Overall development on-lode and the waste is not satisfactory during the current plan period		

Exploitation:

S.N	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	Ore Development drives and cross cut at 6th, 7th, 8th level and 8 th Sub-Level (on-lode) and Proposed Stope Production during 2023-24 S1-Block 300 TPD	Mining operation not carried out as per the approved mining plan.	Violation issued to the lessee
3b	Quantity of ROM mineral production proposed	70000	49115	Production achieved from G-Block 1st to 3rd level, it is also observed that extraction of ore reserves more than the estimated

				quantity while grant of stopping permission. Deviation of working violation issued to the lessee.
3c	Recovery of salable/usable mineral from ROM production	90% Recovery from Stope	85% Recovery from Stope reported	-do-
3d	Quantity of mineral reject generation	Not Applicable	NA	
3e	Grade of mineral reject generation and threshold value declared	Not Applicable	NA	
3f	Quantity of sub-grade mineral generation	Not Applicable	Nil	
3g	Grade of sub-grade mineral generation	Not Applicable	Nil	
3h	Manual/Mechanised method adopted for segregating from ROM	Mechanized method proposed for extraction and development from ROM from the stope	Mechanized method adopted	For Drilling BBC-120 drifter & BVB -25 wagon drill For Blasting Emulsion gel explosive. For Loading - Hopper Loaders
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposals	NA	
3j	Provision of drilling & blasting in mineral benches		As per approved mining plan	
3k	Provision of mining	Jack Hammer	As proposed in	

	machineries in mineral benches	BBC/BVB Hopper Loader & Rosava Loader, etc.	the approved Mining Plan	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Not applicable	NA	NIRM recommended a size of 60m height by 100m Length for stopes up to 3 rd Level i.e. 90mtr, depth with a rib pillar of 08mtrs thickness, and crown pillar of 6mtr. Thickness.
3m	Total area covered under excavation/pits	Open Pit: 5.57 Ha later on Covered to under ground working.	NA	
3n	Ore to OB ratio for the pit/mine during the year	0	0	
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	There is change in area utilized OB/Dump and Mineral storage due to not achieving the production and development target as per the approved Minig Plan	Violation issued to the lessee
3p	Production of ROM mineral during last five-year period, as applicable	2018-19: 60000 2019-20: 60000 2020-21: 60000 2021-22: 64026 2022-23: 70000 (in tonnes)	2018-19 : 15360 2019-20: 39766 2020-21: 29789 2021-22: 29617 2022-23: 49115 (in tonnes)	As per AR figures are matching

3q	General remarks of inspecting officer on method of mining etc.	Targeted production not achieved and development also not achieved during the year 2023-24.
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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)	Not Applicable	0	
4b	Location of topsoil, OB & mineral reject dumps	Not Applicable	0	
4c	Number of dumps within lease area and outside lease area	Within Lease Area: 02	Within Lease Area: 02	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NA	
4e	Number of active & alive dumps	01 (D2)	01 (D2)	
4f	Number of dead dumps	01 D1-Dump	01 D1-Dump	
4g	Number of dumps stabilized	NA	NA	
4h	Whether Retaining wall or garland drain all along dumps are there	YES	YES	
4i	Length of Retaining wall or garland drain all along dump	80m *1m *1m Retaining wall 40m *1m *1m Garland drain.	80m - Retaining wall 40m – Garland drain. For D1 Dump.	
4j	Number of settling ponds	No Proposal	NA	
4k	Specific comments of inspecting officer on waste dump management.	Dump management found satisfactorily		

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	No Proposal	
5b	Area under backfilling of mined out area	As per DGMS Norms	No proposals for the current year	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No Proposal	No Proposal	
5d	Total area fully reclaimed & rehabilitated	No Proposal	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No proposals of Backfilling during the year 2023-24, Hydraulic Stowing/ BR Filling is proposed in the Method and Sequence of stoping as per approved Mining Plan.		

Progressive Mine Closure Plan

S.No.	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 before 1 st July of every year.	Submitted in time.	
6b	Area available for rehabilitation (ha)	Nil	NA	
6c	Afforestation done (ha)	1.522 Ha	2.17 during the plan period.	Going on in the

				plan period
6d	No. of saplings planted during the year	1200	2500 with in lease and 500 outside the lease area	Tally with the annual return 2023-24
6e	Cumulative no. of plants	2700	24050	
6f	Any other specific method of rehabilitation	No Proposal	No Proposal	
6g	Cost incurred on watch & care during the year	No Proposal	NA	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D)	No Proposal	No Proposal	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Void filled by waste/tailings	No Proposal	No Proposal	
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on the backfilled area	No Proposal	No Proposal	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No Proposal	No Proposal	
6l	Compliance on reclamation and rehabilitation by backfilling (v) Any other	No Proposal	No Proposal	

	specific means			
6m	Compliance of Rehabilitation of waste land within lease (i) Afforestation	No Proposal	No Proposal	
6n	Compliance of Rehabilitation of waste land within lease (ii) Area rehabilitated (ha)	No Proposal	No Proposal	
6o	Compliance of Rehabilitation of waste land within lease (iii) Method of rehabilitation	No Proposal	No Proposal	
6p	Compliance of Environmental monitoring (core zone & buffer zone)	Season wise monitoring of Air, Water, Noise etc., is being carried out.	Reports received and verified during inspection	Periodical monitoring is carried out by M/s Metex lab Chennai in core zone and Buffer zone.
6q	General remarks of inspecting officer on PMCP compliance & progressive closure operations	PMCP activities proposed have been carried out satisfactorily during the plan period.		

Mineral Conservation:

S.N.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM target 70000 Tonnes from stope production as well as the	49115	

		on-lode development		
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No Proposals	Nil	
7c	Different grade of mineral sorted out at mines	No Proposals	Nil	
7d	Any beneficiation process at mines	No Proposal	No Proposal	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues			

Environment

S.N	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Proposal	NA	
8b	Concurrent use or storage of topsoil	No Proposal	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Proposal	NA	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposal	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by	No Proposal	NA	

	mining operations (Pits, dumps etc)			
8f	Baseline information on existence of plantation & additional plantation done (Rule 41).	1200	2500	
8g	Survival rate	40-50%	50%	
8h	Water sprinkling on roads to control airborne dust.	32000 lit/day	01 Water Sprinklers Capacity: 6KL engaged	At it is Underground Mine; while transporting ore from UGM to HGML for Road at mine site are surrounding area daily we are sprinkling the water.
8i	General remarks of inspecting officer on 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	A.R. Submitted up to 2023-2024 submitted online portal on 29-06-2024		
S.N	Item	Details GIVEN in A.R.	Observation of I/c Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mine Manager: K.Manjunatha. Mining Engineer & QP: Raghavendra, Geologist: Ganesh.R.B, Geologist.		
9c	Scrutiny of Annual	Area under	Appears to be	

	return on land use pattern for area under pits, reclaimed area, dumps etc.	Mining 5.57 Ha. OB/Dump- 1.65 Ha Mineral Storage – 1.76 Ha Infrastructure – 1.82 Ha Afforested – 21.88 Ha	correct		
9d	Scrutiny of Annual return on afforestation	2500	Appears to be correct		
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil			
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM reported 49115	Appears to be correct		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Cost of production Rs.. 5936.56/-ton.	-do-	DMF & NMET Included.	
9i	Scrutiny of Annual return on fixed assets	97784808	-do-		
9k	Scrutiny of Annual return on mining machineries	Ventilation fan, generator, pumps, truck, winding engine, jeep/tractor, water tanker, air compressor etc.,	-do-		

ओमकेश मूर्ति एम.जी. | OMKESHA MURTHY M.G.
क्षेत्रीय खनन भूविज्ञानी | REGIONAL MINING GEOLOGIST