

STOPING INSPECTION REPORT
INDIAN BUREAU OF MINES
Bangalore Regional Office

Annexure-I

Mine Code No. 27KAR 16001

- | | | | |
|-------|--|---|--|
| (i) | Report Prepared by | : | Shri. Sandeep Kumar Singh & Dr. Omkesha Murthy |
| (ii) | Designation | : | Senior Assistant Controller of Mines & Regional Mining
Geologist, IBM, Bangalore |
| (iii) | ML. No | : | 2671 |
| (iv) | Accompanying Mine Official | : | (1) Sri Arunava Ghosh
(2) Sri V M Santosh Kumar
(3) Sri Somesh K V
(4) Dr. Sanjeeva Kumar Solankar
(5) Sri Prashant
(6) Sri Amol Roy |
| (v) | Designation | : | (1) Dy. General Manager (Mining) & Agent
(2) Mine manager
(3) Mining Engineer.
(4) Geologist.
(5) Surveyor.
(6) Ventilation Officer & Rock mechanics. |
| (vi) | Date of Inspection | : | 26/09/2024 |
| (vii) | Date of submission of the application by lessee | : | Application dated 07.09.2024, received in the office on 13/09/2024. |

PART – I General Information

- | | | | | |
|----|----|---|---|--|
| 1. | a) | Name of the mine | : | Hutti Gold Mine |
| | b) | Category of the mine | : | A-Mechanized U/G mine |
| | c) | Address of the mine | : | Karnataka |
| | | State | : | Raichur |
| | | District | : | Hutti |
| | | Village | : | 584115 |
| | | Pin | : | : |
| | | Fax | : | : |
| | | E-mail | : | rohgm1@gmail.com ,
Prakash.bahadur@ka.gov.in |
| | d) | Name of Police Station | : | Hutti |
| | e) | Lease area in Hectare | : | 528.35 Ha |
| | | (i) Forest | : | - |
| | | (ii) Non-forest | : | Non-Forest |
| 2. | a) | Period of Lease | : | 20 years (19/12/2008 to 18/12/2028) |
| | b) | Date of expiry | : | 18/12/2028 |
| 3. | a) | Mineral worked | : | Gold, Scheelite and Associated Minerals |
| | b) | Main mineral | : | Gold |
| | c) | Associated minerals | : | Silver |
| | d) | Captive /non-captive use | : | Captive |
| 4. | a) | Date of approval of mining plan with reference No. | : | No. MCDR-MPC0Au/1/2023-BNG-IBM_RO_BNG, dt.: 22/12/2023
Modifications to the approved mining plan including PMCP |

- b) Special conditions stipulated in approval letter** :
1. The Geotechnical study report for 20th level and above attached with the document is of June-2003. As the mining thereafter has progressed substantially below 20th level & old stopes above 20th level are open stope, a fresh geotechnical study may be carried out above and below the 20th level to assess overall geotechnical condition of the stopes. If there are any changes in stope design parameters and filling sequence based on the study recommendations, the document needs to be modified accordingly. The copy of the aforesaid Geotechnical study report may be submitted to this office immediately after its completion.
 2. The tailing dump stability study report submitted with the document is of April 2003. As the dumping quantity in the tailing dumps have substantially added since then, a fresh tailing dump stability study may be carried out. If there are any recommendations in the study for changes in tailing dump design parameters or location, the document needs to be modified accordingly. The copy of the aforesaid tailing dump stability report may be submitted to this office immediately after its completion.
 3. Approval of Modifications to the Approved Mining Plan along with Progressive Mine Closure Plan is subject to obtaining all the statutory clearances from the concerned Central and State Authorities before commencement of the mining plan proposals.
5. **Name and address of Lessee and Agent (including Fax/E-mail, if any)**
- a) Lessee** :
- Smt. Shilpa R, KAS
The Managing Director
The Hutti Gold Mines Co. Ltd.
Address: 3rd Floor, KHB shopping Complex,
National Games Village, Koramangla, Bangalore
Phone: 08537275022
Email: rohgm1@gmail.com,
- b) Agent** :
- Sri. Arunava Ghosh
Address: The Hutti Gold Mines Co. Ltd.
Hutti-584115, Taluk.: Lingasugur, Dist.: Raichur,
Karnataka
Phone : +91-9742150161
Email: ghosh.arunava@ka.gov.in
Date of Appointment : 06/01/2024
- c) Status of lessee (Private/ PSU/Joint sector)** :
- State PSU
- d) Mining Engineer/Geologist under Rule 55 of MCDR, 2017 with date of appointment whether full-time or part time and qualifications.** :
- Mining Engineer
Sri. Somesh K V
Full time
Date of Appointment : 07/07/2023

Geologist
Dr. Sanjeeva Kumar Solankar
Full time
Date of Appointment :08/07/2019

**e) Mines Manager
Qualifications and date of
Appointment**

: Sri. V M Santosh Kumar, BTech (Mining).
Address: Address: The Hutti Gold Mines Co. Ltd.
Hutti-584115, Taluk: Lingasugur, Dist.: Raichur,
Karnataka
Phone: +91-9731049125
Email: santoshkumar.vm@ka.gov.in
Date of Appointment:01/01/2024

PART- II: TECHNICAL DETAILS

1. Details of Section/Stoppe applied for permission:

Sl.No	Name of applied block.	Stope ID	Level		Region	Proposed period as per approved MRMP dated 22/12/2023
			Top Level	Bottom Level		
1	P-7 BLOCK	STRIKE REEF	15L	17L	JE40	2024-2025 & 2025-26

Level	Co-ordinates		Stope Dimension (LxWxH)
	Latitude (From, to) UTM/Local	Longitude (From, to) UTM/Local	(90 x 5.461 x 70)
Top level- 15L	676892,676932	1791417,1791331	
Bottom Level- 17 L	676859,676905	1791399,1791319	

Table 1: The details of the proposed stopes

2. Level and stoppe wise completed and pending development: The status of the development has been examined during the mine inspection on 26/09/2024. The updated development as on **30/06/2024** as reported by the Lessee is as below.

Sl.No	Block	Reef	Level	Development Required (Mts.)			Development Completed (mts)			Development % Completed
				Drive	X-Cuts	Total	Drive	X-Cuts	Total	
1	P-7	STRIKE REEF (H/W)	15 Level	205	73	278	205	73	278	100%
2			16 Sub Level	167	63	230	167	63	230	100%
3			16 Level	223	58	281	223	58	281	100%
4			17 Sub Level	200	78	278	200	78	278	100%
5			17 Level	214	45	259	214	45	259	100%
6			17 Draw Level (Off Lode)	180	92	272	180	92	272	100%
7			Total	1189	409	1598	1189	409	1598	100%

Table2: Proposed stoppe development status

3. Extent of Development in the mine: Details of UG development in Strike Reef is as follows (both off-lode and on-lode) for the period 2023-24 & 2024-25(till June-2024)

Strike Reef Year Wise Underground Development from April,2023 to March,2024 (ON-LODE)

Sl.No.	Particulars	Proposed	Actual	Particulars	2023_2024 (Apr,2023 to Mar,2024)						
		Dev (m)	Dev (m)		cross section (m2)	Volume (m3)	Density (T/m ³)	Proposed ORE (Tonnes)	Actual ORE (Tonnes)	Proposed Waste (Tonnes)	Actual Waste (Tonnes)
STRIKE REEF											
1	SR 5 DRIVE NORTH & SOUTH	9.30	75.30	-	-	2.83	597	2,166	-	-	
2	SR 15 DRILL LEVEL DRIVE NORTH AND DRIVE SOUTH	78.00	-	9	702	2.83	1,987	-	-	-	676956,1791267 676982,1791209
3	SR 17 SUB LEVEL DRIVE NORTH AND DRIVE SOUTH	45.00	-	9	405	2.83	1,146	-	-	-	676946,1791233 676962,1791200
4	SR 24 DRILL LEVEL DRIVE NORTH AND DRIVE SOUTH	162.40	64.00	9	900	2.83	3,978	1,463	-	-	676746,1791486 676806,1791426
5	SR 26 BOTTOM SUB LEVEL DRIVE NORTH AND DRIVE SOUTH	150.00	-	9	1,350	2.83	3,821	-	-	-	676570,1791647 676506,1791760
6	SR 26 TSL DRIVE NORTH & SOUTH	-	1.60	-	-	2.83	-	239	-	-	676559,1791825 676534,1792074
7	SR 27 SUB LEVEL DRIVE NORTH AND DRIVE SOUTH	277.40	71.00	9	2,250	2.83	7,038	2,155	-	-	676674,1791549 676774,1791452
8	SR 27 DRIVE NORTH AND SOUTH	313.90	84.80	18	4,860	2.83	14,801	2,410	-	-	676612,1791596 676735,1791407
9	SR 28 SUB LEVEL DRIVE NORTH AND DRIVE SOUTH	236.10	57.30	9	1,890	2.83	5,964	1,367	-	-	676643,1791559 676773,1791433
10	SR 28 L DRIVE NORTH AND DRIVE SOUTH	150.00	-	18	2,700	2.83	7,641	405	-	-	676631,1791544 676723,1791395
11	SR 29 SUB LEVEL DRIVE NORTH AND DRIVE SOUTH	100.00	-	9	900	2.83	2,547	-	-	-	676522,1791675 676562,1791606
	Total Strike Reef	1,522.10	354.00				49,518	10,205	-	-	

Strike Reef Year Wise Underground Drop Raises from April,2023 to March-2024 (ON-LODE)

Sl.No.	Particulars	2023_2024 (Apr,23 to Mar,24)									UTM Coordinates
		Proposed Drop Raise(m)	Actual Drop Raise(m)	cross section (m2)	Volume (m3)	Density (T/m ³)	Proposed ORE (Tonnes)	Actual ORE (Tonnes)	Proposed Waste (Tonnes)	Actual Waste (Tonnes)	
STRIKE REEF											
1	SR 15L-17L	70.00	-	4	280	2.83	792	-	-	-	676984,1791220 676960,1791199
2	SR 24 - 26 Level	3.00	25.00	-	-	2.83	19	160	-	-	676565,1791865 676529,1791851
3	SR 26L-28L	60.00	-	4	240	2.83	679	-	-	-	676699,1791488 676673,1791475
4	SR 26L-28L	71.50	11.50	4	240	2.83	752	73	-	-	676641,1791580 676625,1791568
	Total Strike Reef	204.50	36.50				2,243	233	-	-	

Strike Reef Year Wise Underground Development from April,2023 to March,2024 (OFF-LODE)

Sl.No.	Particulars	Proposed	Actual	Particulars	2023_2024 (Apr,2023 to Mar,2024)						
		Dev (m)	Dev (m)		cross section (m2)	Volume (m3)	Density (T/m ³)	Proposed ORE (Tonnes)	Actual ORE (Tonnes)	Proposed Waste (Tonnes)	Actual Waste (Tonnes)
1	SR 13 INT. DRIVE NORTH & SOUTH	61.68	61.68	-	-	3.00	-	-	1,845	1,875	
2	SR 20 DRIVE NORTH & SOUTH	-	25.00	-	-	3.00	-	-	-	624	
3	SR 24 DRIVE NORTH BY PASS	80.00	-	25	2,000	3.00	-	-	6,000	-	676566,1791657 676586,1791715
4	SR 24 L HANGING WALL DRIVE NORTH AND X- CUT	220.00	-	9	1,980	3.00	-	-	5,940	-	676538,1791702 676533,1791802
5	SR 26L HAULAGE DRIVE & X-CUTS (SR-2)	203.20	202.20	18	3,658	3.00	-	-	10,973	9,132	676631,1791572 676728,1791418
6	SR 26 BY-PASS DRIVE SOUTH & X-CUTS	6.80	6.80				-	-	336	336	
	Total Strike Reef	571.68	295.68				-	-	25,094	11,967	

Strike Reef Year Wise Simultaneous Underground Development for the Year 2024-25 (Apr-24 TO Jun-24) - ON-LODE

Sl.No.	Particulars	Type of Development	Running Dev. Meterage Mineral	Actual Running Meterage in Mineral Zone (m)	Running Dev. in Waste Zone (m)	Actual Meterage in Waste Zone (m)	cross section (m2)	Volume (m3)	Density (T/m3)	ORE (Tonnes)	Actual Ore in Mineral Zone (Tonnes)	Waste (Tonnes)	Actual Waste (Tonnes)	UTM Coordinates
STRIKE REEF														
1	SR 24 DRIVE NORTH	Level/Drive	275.00	-	-	-	9.00	2,475	2.83	7,004	-	-	-	676560,1791852 676445,1792067
2	SR 24 DRILL LEVEL DRIVE NORTH AND DRIVE SOUTH	Sub-level	200.00	-	-	-	9.00	1,800	2.83	5,094	-	-	-	676806,1791426 676924,1791310
3	SR 26 BOTTOM SUB LEVEL DRIVE NORTH AND DRIVE SOUTH	Sub-level	250.00	-	-	-	9.00	2,250	2.83	6,368	-	-	-	676608,1790907 676747,1790700
4	SR 26 DRIVE NORTH	Level/Drive	290.00	-	-	-	18.00	5,220	2.83	14,773	-	-	-	676531,1791838 676419,1792050
5	SR 26 TOP SUB LEVEL DRIVES NORTH & DRIVE SOUTH	Sub-level	-	2.40	-	-	-	-	2.83	-	51	-	-	-
6	SR 27 SUB LEVEL DRIVE NORTH & DRIVE SOUTH	Sub-level	-	0.90	-	-	-	-	2.83	-	21	-	-	-
7	SR 27 DRIVE NORTH AND SOUTH	Level/Drive	250.00	-	-	-	18.00	4,500	2.83	12,735	-	-	-	676735,1791407 676844,1791244
8	SR 28 DRIVE NORTH AND DRIVE SOUTH	Level/Drive	340.00	-	-	-	18.00	6,120	2.83	17,320	640	-	-	676452,1791922 676812,1791230
9	SR 29 SUB LEVEL DRIVE NORTH AND DRIVE SOUTH	Sub-level	300.00	-	-	-	9.00	2,700	2.83	7,641	-	-	-	-
10	SR 29 LEVEL DRIVE NORTH AND DRIVE SOUTH	Level/Drive	450.00	-	-	-	18.00	8,100	2.83	22,923	-	-	-	676572,1791589 676446,1791914
Total Strike Reef			2,355.00	3.30	-	-		33,165		93,857	712	-	-	

Strike Reef Year Wise Underground Winze / Raise for the Year 2024-25 (Apr-24 to Jun-24)

Sl.No.	Particulars	Type of Development	Drop Raise(m)	Actual Meterage	Cross section (m2)	Volume (m3)	Density (T/m ³)	ORE (Tonnes)	Actual ORE (Tonnes)	Waste (Tonnes)	Actual Waste (Tonnes)	UTM Coordinates
STRIKE REEF												
1	SR 24L-26L	Level Inter-connects (winze/raise)	60.00	-	4	240	2.83	679	-	-	-	676547,1791875 676522,1791861
2	SR 24L-26L	Level Inter-connects (winze/raise)	60.00	-	4	240	2.83	679	-	-	-	676511,1791943 676486,1791931
3	SR 24L-26L	Level Inter-connects (winze/raise)	60.00	-	4	240	2.83	679	-	-	-	676472,1792019 676451,1792009
4	SR 26L-28L	Level Inter-connects (winze/raise)	60.00	-	4	240	2.83	679	-	-	-	676830,1791239 676811,1791230
5	SR 26L-28L	Level Inter-connects (winze/raise)	60.00	-	4	240	2.83	679	-	-	-	676792,1791332 676764,1791317
6	SR 26L-28L	Level Inter-connects (winze/raise)	60.00	-	4	240	2.83	679	-	-	-	676734,1791416 676718,1791407
7	SR 26L-28L	Level Inter-connects (winze/raise)	60.00	-	4	240	2.83	679	-	-	-	676522,1791861 676488,1791846
8	SR 26L-28L	Level Inter-connects (winze/raise)	60.00	-	4	240	2.83	679	-	-	-	676551,1791757 676529,1791748
9	SR 28L-29L	Level Inter-connects (winze/raise)	30.00	-	4	120	2.83	340	-	-	-	676525,1791747 676513,1791742
10	SR 28L-29L	Level Inter-connects (winze/raise)	30.00	-	4	120	2.83	340	-	-	-	676488,1791846 676473,1791839
11	SR 28L-29L	Level Inter-connects (winze/raise)	30.00	-	4	120	2.83	340	-	-	-	676556,1791620 676611,1791620
Total Strike Reef			570.00	-		2,280		6,452	-	-	-	

Strike Reef Year Wise Simultaneous Underground Development for the Year 2024-25 (Apr-24 TO Jun-24) - OFF-LODE

Sl.No.	Particulars	Type of Development	Running Dev. Meterage Mineral	Actual Running Meterage in Mineral Zone (m)	Running Dev. in Waste Zone (m)	Actual Meterage in Waste Zone (m)	cross section (m2)	Volume (m3)	Density (T/m3)	ORE (Tonnes)	Actual Ore in Mineral Zone (Tonnes)	Waste (Tonnes)	Actual Waste (Tonnes)	UTM Coordinates
STRIKE REEF														
1	SR 20 GT HAULAGE DRIVES & X-CUTS	Level/Drive	-	-	-	-	-	-	-	-	-	-	74	-
2	SR 24 X-CUT-WEST	Level/Drive	-	-	75.00	5.50	25.00	1,875	3.00	-	-	5,625	144	676548,1792091 676475,1792074
3	SR 24 HANGING WALL DRIVE NORTH AND X- CUT	Level/Drive	-	-	300.00	-	18.00	5,400	3.00	-	-	16,200	-	676533,1791802 676530,1791902
4	SR 26 HAULAGE DRIVE & X-CUTS (SR-3)	Level/Drive	-	-	200.00	-	18.00	3,600	3.00	-	-	10,800	-	676548,1791647 676556,1791731
Total Strike Reef			-	-	575.00	5.50		10,875		-	-	32,625	218	

Table3: Extent of development in strike reef as on 30/06/2024

4. Stope already worked out during last 5 years:

Permission Letter	Stopes already worked out	No. of Stopes	Top level IRL	Bottom Level RL	Quantity Proposed (Tonnes)	Quantity recovered (Tonnes)
XVI.No.KNT/RCH/G-1-SZ/253, Dated15.6.2018	OR17 L-19LBE 43-44 (7P &8PBlock)	1	545.61	609.61	1,55,697	1,80,208
XII.No.MS/RCH/G-I-SZ, Dated 18.09.2003	MR15 L- 17L(M7-2& M7-3 Block)	1	441.22	544.96	2,47,779	2,12,437
XV.No.KNT/RCH/G-I-SZ/250, Dated15.06.2018	SR 8L - 11L KE35-KE36 (B-2 Block)	1	240.76	338.05	58,802	1,56,298
XVII.No.KNT/RCH/G-I-SZ/256, Dated15.06.2018	SR 24L-26LEE34 (SR-1 Block)	1	779.20	839.40	1,16,188	2,28,734
XVIII.No.KNT/RCH/G-I-SZ/259, Dated15.06.2018	OR9L- 13 Int.LGE47-GE49(ORT block)	2	274.61	356.0	1,00,169	1,59,826
XXII.No.KNT/RCH/G-I-SZ/348Dated01.12.2022	ZI 24L-26LBE35-36(S-1Block)	1	789.810	840.54	1,12,393	1,24,935
XXIII.No.KNT/RCH/G-I-SZ/351, Dated01.12.2022	SR 24L-26LDE34(S-1 Extension Block)	1	778.336	839.18	51,768	54,118
XXIV.No.KNT/RCH/G-I-SZ/354Dated01.12.2022	ZI15L-16 Int.LDE34(S-4 Block)	1	458.7	495.6	60,973	62,922

Table 4: Details of stope workout during last five years

5. Reserve position of stopes in operation: Balance reserves in stopes under operation for which permission is granted as on 30/06/2024 as reported by the Lessee during inspection are.

Level	Name of the Reef	Stope ID	Permission letter and date	Quantity Proposed (T)	Quantity Recovered (T)	Balance Reserves (T)	Remarks as per Quarterly Returns
17L-19L	Middle Reef	MR (FW) B & C Block	KNT/RCH/G-I-SZ/171, dated 06.09.2019	4,15,877	87,802	3,28,075	Stoping is in progress in sub block B & C.
24L-26L	Middle Reef	N-1 Sub-Block A	KNT/RCH/G-1-SZ/218 dated 20.10.2021	3,11,223	1,78,080	1,33,143	InProgress
24L-26L	Oakley's Reef	S-1	KNT/RCH/G-I-SZ/221 Dated 20.10.2021	2,74,947	1,61,083	1,13,864	InProgress
14L-16 Int.	Zone-I Reef	S-5	KNT/RCH/G-I-SZ dated 11.08.2023	73,302	1,05,145	-	Stoping is in progress, Tonnage recalculated after stope development (As reported by Lessee)
24L-	Strike Reef	SR-2	KNT/RCH/G-I-	99.743	1,03,309	-	Stoping is in

26L			SZ dated 27.02.2024				progress, tonnage recalculated after slope development (As reported by Lessee)
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Table 5: Details of stope under operation for the year 2024-25.

6. Reserve position of applied stopes: In-situ tonnage is geological resources; Minable tonnage is tons including planned dilution.

S. No.	Reef	Stope Name	Level	In-situ Tonnage	Minable Tonnage	Grade (g/t)
1	STRIKE REEF	P-7 Block	15 L – 17 th L	97377	97722	2.43

Table 6: Reserve position in applied/proposed stopes.

7. Balance Reserves: Position of Reserve and Resource as on 01/04/2024 is as follows:

A. Total Mineral Reserves & Resources			
	UNFC	Million Tonnes	Grade (g/t)
Proved Mineral Reserve	111	15.87	4.14
Probable Mineral Reserve	121&122	0.00	0.00
Feasibility Mineral Resource	211	1.74	5.97
Pre-feasibility Mineral Resource	221	4.64	3.56
Measured Mineral Resource	331	0.00	0.00
Indicated Mineral Resource	332	1.45	3.30
Inferred Mineral Resource	333	3.49	2.74
Reconnaissance Mineral Resource	334	0.00	0.00

Table 7: Reserve & Resource position of the mine as on 1.04.2024

8. Manner of Extraction of SR 15L - 17L JE 40 'P-7' Block

Reference Plans and Sections:

SEQUENCE OF OPERATION

8.1. STOPE PREPARATION: [Drg. No. MP/SPA/2024/1/P-7 Block_ SR/A]

- Two sub-levels i.e., 17th sub-level and 16th sub-level is developed for the entire length of the stope block.
- One slot raise will be developed at North end of the block between 17th level and 16th Sub level to serve as a free space for blasting operations.
- A service raise is developed at South end of the stope block between 17th and 15th level which serves as the second access to the stope at all the inter-levels.

8.2. EXTRACTION LEVEL: [Drg. No. MP/SPA/2024/1/P-7 Block_ SR/A]

The existing bottom level i.e. 17th level shall be maintained as extraction level. A haulage drive of 3 m(H) x 3 m(W) is developed in footwall at about 11 m away from the ore body contact. Draw cross cuts of 3 m(H) x 3 m(W) is developed at 10 m interval from haulage drive to ore drive of the proposed stope block, as shown in Drg. No- MP/SPA/2024/1/P-7 Block_ SR/A

8.3. DRILLING OF BLAST HOLES: [Drg. No. MP/SPA/2024/1/P-7 Block_ SR/A]

57mm dia. downward holes shall be drilled from 17th sub-level to 17th level, from 16th level to 17th sub-level and from 16th sub level to 16th level. Similarly, 57mm dia. upper holes shall be drilled from 16th sub level, there by leaving a crown pillar of 9m below 15th L. Ring drilling will be done as shown in Drg. No- MP/SPA/2024/1/P-7 Block_ SR/A.

8.4. BLASTING [Drg. No. MP/SPA/2024/1/P-7 Block_ SR/A]

At all levels the blasting of holes will commence from slot raise provided at North end of the block and retreat towards the South end of the block.

The blasting of drilled holes from 17th sub-level to 17th level, 16th level to 17th sub-level and 16th sub-level to 16 level down ward and upper part leaving a 9m crown pillar, shall be carried out.

8.5. WITHDRAWAL & TRANSPORTATION OF ORE

The broken ore shall be drawn from stope by Electric LHD and will be dumped into Ore Transfer Raise JE 40 (17L to 20L) at 17 Level. At 2000 Gathering Level the ore is re-handled with 824 Loader and 5Ton Loco combination and dumped to ZI 20L to 26L OTR. At 26 Level the ore is fed to Rock Breaker then to 27L Crusher. From Crusher the ore is transported to 27 L to 28L fine ore bin (FOB) through conveyor. From FOB the ore is hoisted to surface through New Circular Shaft.

PROPOSED RATE OF PRODUCTION FROM STOPE (as per Approved Mine Plan)

BLOCK ID	MONTH	TONNAGE	TOTAL (In Tons)
	Dec-24	9100	97,722
	Jan-25	9100	
	Feb-25	8472	
	Mar-25	9100	
	Apr-25	8750	
	May-25	9100	
	Jun-25	9100	
	Jul-25	9450	
	Aug-25	9100	
	Sep-25	8750	
	Oct-25	7700	

Table 8: Proposed rate of production from stope.

ESTIMATED TONNAGE& GRADE TO BE RECOVERED FROM 'P-7' BLOCK

Name of Sub-Block	Insitu Ore Reserve			Irrecoverable Reserve			Recoverable ore			Dilution @ 15 %			Extraction from the Block		
	Tonnes (MT)	Grade (g/t)	Gold (g)	Tonnes (MT)	Grade (g/t)	Gold (g)	Tonnes (MT)	Grade (g/t)	Gold (g)	Tonnes (MT)	Grade (g/t)	Gold (g)	Tonnes (MT)	Grade (g/t)	Gold (g)
P-7 BLOCK	97,377	2.80	272656	12,401	2.80	34723	84,976	2.80	237933	12,746	0.00	0.00	97,722	2.43	237933

- a) Application of stoping was submitted for Strike reef(H/W) between 15th level to 17th level JE-40 region (P-7 block) between grids as mentioned in Table 1.
- b) As per Review and updation of Mining Plan approved on 22/12/2023, above mentioned stope in Table-1 is proposed to stope out in the year 2024-25 & 2025-26 as mentioned below in Table 11. The proposed stope details have been furnished in the table 1. The proposed rate of production & estimated tonnage and grade has been furnished in Table 8 & 9.
- c) Adequate development has been carried out for the proposed stope w.r.t the off-lode, on-lode & primary development by the Lessee as mentioned above in Table 2 & below in Table-10.
- d) Accordingly, the proposed stope is recommended for permission as adequate development has been carried out in this stope.

Sl.No	Block	Reef	Level	Development Required (Mts.)			Development Completed (mts)			Development % Completed
				Drive	X-Cuts	Total	Drive	X-Cuts	Total	
1	P-7	STRIKE REEF (H/W)	15 Level	205	73	278	205	73	278	100%
2			16 Sub Level	167	63	230	167	63	230	100%
3			16 Level	223	58	281	223	58	281	100%
4			17 Sub Level	200	78	278	200	78	278	100%
5			17 Level	214	45	259	214	45	259	100%
6			17 Draw Level (Off Lode)	180	92	272	180	92	272	100%
7			Total	1189	409	1598	1189	409	1598	100%

Table 10 showing status of development of stope recommended for permission

7	2024-2025	14-16:442.3-4 94.6	ZI 14L-16INT EE 38 S-5 BLOCK	50X52.3	7	9.5	8	3X3	2X2	Hydraulic filling	15
8	2024-2025	24-26:780.4-8 40	ZI 24L-26L BE 35-36 S-1 BLOCK	69X57	6	0	8	4X4	4X3	Hydraulic filling	15
9	2024-2025	24-26:776.4-8 38.2	ZI 24L-26L BW 28 ZI-2 BLOCK	90X61.8	6	0	8	4X4	4X3	Rock Waste	15
10	2024-2025	24-26:778.5-8 35.5	MR 24L-26L CE43-45 N-1 BLOCK (SUB BLOCK-A)	56X57	6	0	8	4X4	4X3	Rock Waste	15
11	2024-2025	17-19:544.78- 609.83	MR FW 17L-19L GE46 C BLOCK	60X65.05	0	0	8	3X3	2X2	Hydraulic filling	15
12	2024-2025	24-26:778.14- 838.6	SR 24L-26L FE 35-36 SR-2 BLOCK	90X60	6	0	8	4X4	4X3	Rock Waste	15
13	2024-2025	24-26:779.68- 839.1	SR 24L-26L DE 32-33 SR-3 BLOCK	90X60	6	0	8	4X4	4X3	Hydraulic filling	15
14	2024-2025	15-17:472.0-5 42.0	SR 15L-17L JE-40 P-7 BLOCK	90X70	10	9.1	8	3X3	3X3	Hydraulic filling	18
15	2024-2025	24-26:780.6-8 37.6	OR 24L-26L CW 37 S-1 BLOCK	90X61	7	0	8	4X4	4X3	Rock Waste	15
16	2024-2025	3-5:88.86-146 .84	MNR 3L-5L AW 55 MNR-1 BLOCK	90X58	0	0	8	3X3	2X2	Hydraulic filling	15

17	2025-2026	24-26:776.4-8 38.2	ZI 24L-26L BW 28 ZI-2	90X61.8	6	0	8	4X4	4X3	Hydraulic filling	15
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18	2025-2026	24-26:779.37- 839.56	BLOCK ZI 24L-26L CE 36-37 ZI-3 BLOCK	90X60.19	6	0	8	4X4	4X3	Rock Waste	15
19	2025-2026	24-26:778.5-8 35.5	MR 24L-26L CE43-45 N-1 BLOCK (SUB BLOCK-A)	56X57	6	0	8	4X4	4X3	Hydraulic filling	15
20	2025-2026	24-26:780.62- 840.31	MR 24L-26L EE 50 (MR-2 BLOCK)	90X59.69	6	0	8	4X4	4X3	Hydraulic filling	15
21	2025-2026	17-19:544.78- 609.83	MR FW 17L-19L GE46 C BLOCK	60X65.05	0	0	8	3X3	2X2	Rock Waste	15
22	2025-2026	17-19:543.16- 607.92	MR FW 17L-19L GE 49 B-BLOCK	75X64.76	0	0	8	3X3	2X2	Hydraulic filling	17
23	2025-2026	24-26:779.68- 839.1	SR 24L-26L DE 32-33 SR-3 BLOCK	90X60	6	0	8	4X4	4X3	Rock Waste	15
24	2025-2026	15-17:472.0-5 42.0	SR 15L-17L JE-40 P-7 BLOCK	90X70	10	9.1	8	3X3	3X3	Hydraulic filling	18
25	2025-2026	15-17:470.15- 541.7	SR 15L-17L KE 42 P-8 BLOCK	51X71.6	8	9.1	8	3X3	3X3	Hydraulic filling	18
26	2025-2026	24-26:780.6-8 37.6	OR 24L-26L CW 37 S-1 BLOCK	90X61	7	0	8	4X4	4X3	Hydraulic filling	15
27	2025-2026	24-26:779.43- 839.70	OR 24L-26L CW 34-35 OR-2 BLOCK	90X60	7	0	8	4X4	4X3	Hydraulic filling	15
28	2025-2026	3-5:88.86-146 .84	MNR 3L-5L AW 55	90X58	0	0	8	3X3	2X2	Hydraulic filling	15

7	2024-2025	14-16:442.3-494. 6	ZI 14L-16INT EE 38 S-5 BLOCK	26968	24228	89.8	15	2 to 3.58 g/t	676283,1791372 676649,1791485 676680,1791445. 6 676633,1791473. 4 676661.5,179143 2
8	2024-2025	24-26:780.4-840	ZI 24L-26L BE 35-36 S-1 BLOCK	23528	19907	84.6	15	2 to 3.43 g/t	676465,1791594 676497,1791532 676449,179158 6676479,179152 3
9	2024-2025	24-26:776.4-838. 2	ZI 24L-26L BW 28 ZI-2 BLOCK	80082	70093	87.5	15	2 to 2.67 g/t	676313,1791968 676360,1791887 676294,1791955 676343,1791880
10	2024-2025	24-26:778.5-835. 5	MR 24L-26L CE43-45 N-1 BLOCK (SUB BLOCK-A)	185504	142500	76.8	15	2 to 2.72 g/t	676534,1791171 676563,1791115 676504,1791136 676531,1791097
11	2024-2025	17-19:544.78-609 .83	MR FW 17L-19L GE46 C BLOCK	128343	120000	93.5	15	2 to 7.99 g/t	676747,1791091 676755,1791032 676686,1791089 676688,1791029

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12	2024-2025	24-26:778.14-838 .6	SR 24L-26L FE 35-36 SR-2 BLOCK	88983	69743	78.4	15	2 to 10.64 g/t	676639,1791579 676661,1791595 676716,1791523 676691,1791505
13	2024-2025	24-26:779.68-839 .1	SR 24L-26L DE 32-33 SR-3 BLOCK	24796	20257	81.7	15	2 to 3.61 g/t	676639,1791579 676661,1791595 676716,1791523 676691,1791505
14	2024-2025	15-17:472.0-542. 0	SR 15L-17L JE-40 P-7 BLOCK	40992	35772	87.3	15	2 to 2.43 g/t	676892,1791417 676932,1791331 676859,1791399 676905,1791319
15	2024-2025	24-26:780.6-837. 6	OR 24L-26L CW 37 S-1 BLOCK	102745	90000	87.6	15	2 to 2.87 g/t	676293,1791471 676307,1791385 676276,1791465 676283,1791372
16	2024-2025	3-5:88.86-146.84	MNR 3L-5L AW 55 MNR-1 BLOCK	3111	3000	96.4	15	2 to 8.46 g/t	676470,179060 7676508,179052 6 676432,1790589 676470,1790509

17	2025-2026	24-26:776.4-838.2	ZI 24L-26L BW 28 ZI-2 BLOCK	56939	49837	87.5	15	2 to 2.67 g/t	676313,1791968 676360,1791887 676294,1791955 676343,1791880
18	2025-2026	24-26:779.37-839.56	ZI 24L-26L CE 36-37 ZI-3 BLOCK	48447	40163	82.9	15	2 to 2.60 g/t	676503,1791525 676546,1791444 676485,1791513 676519,1791427
19	2025-2026	24-26:778.5-835.5	MR 24L-26L CE43-45 N-1 BLOCK (SUB BLOCK-A)	11525	8853	76.8	15	2 to 2.72 g/t	676534,1791171 676563,1791115 676504,1791136 676531,1791097
20	2025-2026	24-26:780.62-840.31	MR 24L-26L EE 50 (MR-2 BLOCK	90947	81147	89.2	15	2 to 2.78 g/t	676611,1790885 676651,1790809 676594,1790877

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									676641,1790803
21	2025-2026	17-19:544.78-609.83	MR FW 17L-19L GE46 C BLOCK	11259	10527	93.5	15	2 to 7.99 g/t	676747,1791091 676755,1791032 676686,1791089 676688,1791029
22	2025-2026	17-19:543.16-607.92	MR FW 17L-19L GE 49 B-BLOCK	85040	79473	93.5	15	2 to 7.02 g/t	676752,1790954 676769,1790882 676695,1790956 676716,1790879
23	2025-2026	24-26:779.68-839.1	SR 24L-26L DE 32-33 SR-3 BLOCK	110168	90000	81.7	15	2 to 3.61 g/t	676639,1791579 676661,1791595 676716,1791523 676691,1791505
24	2025-2026	15-17:472.0-542.0	SR 15L-17L JE-40 P-7 BLOCK	70991	61950	87.3	15	2 to 2.43 g/t	676958,1791278 676978,1791230 676929,1791263 676948,1791216
25	2025-2026	15-17:470.15-541.7	SR 15L-17L KE 42 P-8 BLOCK	31719	28050	88.4	15	2 to 3.08 g/t	676892,1791417 676932,1791331 676859,1791399 676905,1791319
26	2025-2026	24-26:780.6-837.6	OR 24L-26L CW 37 S-1 BLOCK	46165	40438	87.6	15	2 to 2.87 g/t	676293,1791471 676307,1791385 676276,1791465 676283,1791372
27	2025-2026	24-26:779.43-839.70	OR 24L-26L CW 34-35 OR-2 BLOCK	40675	34562	85	15	1.5 to 1.83 g/t	676227,1791574 676238,1791581 676213,1791671 676193,1791659
28	2025-2026	3-5:88.86-146.84	MNR 3L-5L AW 55 MNR-1 BLOCK	23333	22500	96.4	15	2 to 8.46 g/t	676470,179060 7676508,179052 6 676432,1790589

Table 11: Proposed period as per approved RMP dated 22/12/2023 for recommended stope

11. **Recommendation:** Based on field observations, compliance of scrutiny comments submitted by the Lessee, recommendations in NIRM report and proposals in present Modifications to the Approved Mining Plan, the present stoping permission for Strike reef(H/W) between 15th level to 17th level in JE 40 region, P-7 Block, may be granted.

Dr. Omkesh Murthy
Regional Mining Geologist

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Senior Assistant Controller of Mines