

MCDR INSPECTION REPORT 2022-23

General:

Sl .No.	Particulars	Details
1	Name of the Mine	Kikirpal Tin Ore Mine
2	Date of Inspection:	12/05/2023
3	Name of Inspecting Officer	Shri Dayanand Upadhyay, DCOM (Then the Sr. ACOM)
4	Name of official accompanying inspection	Shri Dileshwar Patel, Geologist
5	Last date of Inspection & Officer	Earlier no MCDR inspection is carried out.
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	Forest – Nil Non Forest – 11.541ha
7	Mine code	60CHG27001
8	IBM Registration Number under rule 45 of MCDR, 1988/2017	IBM/9859/2012
9	Name of the Lease, Address, Phone, email and fax number	M/s Precious minerals & smelting limited add. semi urban industrial estate frezerpur jagdalpur ph. 07782-227129, 227130 email- pmsl10@rediffmail.com pmasl1996@gmail.com
10	Village	Kikirpal
11	Taluka/Mandal	Chhindgarh
12	District	Sukma
13	Pin code	494553
14	State	Chattisgarh
15	Post Office	Puspal
16	Nearest Police Station	Puspal
17	Nearest Railway Station	Dantewada
18	Date of Grant of Mining Lease	26/11/2007
19	Date of Execution & period	26/11/2007 To 25.11.2037
20	Weekly day of rest	Wednesday
21	Date of opening of Mine	28/10/2020
22	Date of First Renewal, if applicable and its period & expiry	N.A.
23	Date of Second Renewal, if applicable and its period & expiry	N.A.
24	Date of submission of renewal application if Mining Operations are continuing under deemed extension	N.A.
25	Name of the Nominated Owner with Address,	Nirmal Lunia, Director

	phone, email, fax number and date of appointment	Semi urban industrial estate frezerpur jagdalpur ph. 07782-227129, 227130 email- pmsl10@rediffmail.com pmasl1996@gmail.com
26	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Nirmal Lunia, Director Semi urban industrial estate frezerpur jagdalpur ph. 07782-227129, 227130 email- pmsl10@rediffmail.com pmasl1996@gmail.com
27	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Shri Shivram Kashyap Semi urban industrial estate frezerpur jagdalpur ph. 07782-227129, 227130 email- pmsl10@rediffmail.com
28	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Shri Shivram Kashyap Semi urban industrial estate frezerpur jagdalpur ph. 07782-227129, 227130 email- pmsl10@rediffmail.com
29	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes
30	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	Review of Mining Plan approved vide letter no. Sukma/Tin/Khayo-1257/2020, Raipur, Dated 03/02/2021
31	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	
32	Mineral(s) granted in lease and approved for Mining	Tin Ore
33	Method of Mining (Opencast, Underground)	Opencast
34	Category (Fully Mechanized, Others or Manual)	Manual
35	Captive/Non-Captive	Captive
36	Present EC Status	EC capacity 1500TPA
37	Status of Financial Assurance	Rs 500000/- Valid upto 30/04/2023

Scientific Mining: Compliance of proposals of approved Mining Plan/Review of Mining Plan:

1.0 Exploration:

S.N.	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
1a	Backlog of previous year Proposals	No valid Proposal	Nil	Nil
1b	Exploration over lease area for Geological axis 1 or 2.	No valid Proposal	Nil	Nil
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	No valid Proposal	Nil	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2.	No valid Proposal	Nil	Nil
1e	Balance reserves as on 01.04.2023	Balance reserves as on 01.04.2023 is 252.95 ton		Balance reserves as on 01.04.2023 is 252.95 ton
1f	General remarks of Inspecting officer on geology, exploration etc.	The Review of Mining Plan was approved on 09/02/2021 for the Plan Period 2017-18 to 2021-22 (Proposal period 2021-22 only). The proposed plan period has already been expired and further the lessee has no valid document of MP/RMP.		

2.0 Development:

S. N.	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
2a	Location of Development w.r.t. lease area	No valid Proposal	Nil	Nil
2b	Separate benches in topsoil overburden and mineral (Rule 15)	No valid Proposal	Nil	Nil
2c	Stripping ratio or ore to OB ratio	No valid Proposal	Nil	Nil
2d	Quantity of topsoil generation in m ³	No valid Proposal	Nil	Nil
2e	Quantity of overburden generation in m ³	No valid Proposal	Nil	Nil
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	The Review of Mining Plan was approved on 09/02/2021 for the Plan Period, 2017-18 to 2021-22 (Proposal period 2021-22 only). The proposed plan period has already been expired and further the lessee has no valid document of MP/RMP.		

3.0 Exploitation:

S. N.	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
3a	Number of pits proposed for production	No valid Proposal	Nil	Nil
3b	Quantity of ROM mineral production proposed	No valid Proposal	Nil	Nil
3c	Recovery of Salable/usable mineral from ROM production	No valid Proposal	Nil	Nil
3d	Quantity of mineral reject generation	No valid Proposal	Nil	Nil
3e	Grade of mineral reject generation and threshold value declared	No valid Proposal	Nil	Nil
3f	Quantity of sub-grade mineral generation	No valid Proposal	Nil	Nil
3g	Grade of sub-grade mineral generation	No valid Proposal	Nil	Nil
3h	Manual/Mechanized method adopted for segregation from ROM	No valid Proposal	Nil	Nil
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No valid Proposal	Nil	Nil
3j	Provision of drilling & blasting in mineral benches	No valid Proposal	Nil	Nil
3k	Provision of mining machineries in mineral benches	No valid Proposal	Nil	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No valid Proposal	Nil	Nil
3m	Total area covered under excavation /pits	No valid Proposal	Nil	Nil
3n	Ore to OB ratio for the pit/mine during the year	No valid Proposal	Nil	Nil
3o	Total area put in use under different heads at the end of year	No valid Proposal	Nil	Nil
3p	Production of ROM mineral during last five-years period, as Applicable (tonne)	2018-19: Nil	Nil.	The Mining Lease is fall under core zone of naxal affected area and due to Law and Order
		2019-20: Nil	Nil.	
		2020-21: Nil	Nil.	
		2021-22: 0.73T	50.15Kgs	

		2022-23	Nil.	problem, regular mining operation is not practiced.
3q	General remarks of inspecting officer on method of mining etc	The Review of Mining Plan was approved on 09/02/2021 for the Plan Period, 2017-18 to 2021-22 (Proposal period 2021-22 only). The proposed plan period has already been expired and further the lessee has no valid document of MP/RMP.		

4.0 Solid Waste Management-Dumping:

S.N.	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	No valid Proposal	Nil	Nil
4b	Location of topsoil, OB & mineral reject dumps	No valid Proposal	Nil	Nil
4c	Number of Dumps within lease area and outside lease area	No valid Proposal	Nil	Nil
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	No valid Proposal	Nil	Nil
4e	Number of Active & Alive dumps	No valid Proposal	Nil	Nil
4f	Number of dead dumps	No valid Proposal	Nil	Nil
4g	Number of dumps established	No valid Proposal	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there	No valid Proposal	Nil	Nil
4i	Length of Retaining wall or garland drain all along dump	No valid Proposal	Nil	Nil
4j	Number of settling ponds	No valid Proposal	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management	The Review of Mining Plan was approved on 09/02/2021 for the Plan Period, 2017-18 to 2021-22 (Proposal period 2021-22 only). The proposed plan period has already been expired and further the lessee has no valid document of MP/RMP.		

5.0 Solid Waste Management-Backfilling:

S.N.	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No valid Proposal	Nil	Nil
5b	Area under backfilling of mined out area	No valid Proposal	Nil	Nil

5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No valid Proposal	Nil	Nil
5d	Total area fully reclaimed & rehabilitated	No valid Proposal	Nil	Nil
5e	General remarks of inspecting officer on backfilling, reclamation etc	The Review of Mining Plan was approved on 09/02/2021 for the Plan Period, 2017-18 to 2021-22 (Proposal period 2021-22 only). The proposed plan period has already been expired and further the lessee has no valid document of MP/RMP.		

6.0 Progressive Mine Closer Plan:

S.N.	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly- Rule 26 (2)	As per provision of MCDR 2017.	Annual report on PMCP is submitted	Annual report on PMCP is submitted
6b	Management of worked/mined out benches	No valid Proposal	Nil	Nil
	Area available for rehabilitation (Ha)	No valid Proposal	Nil	Nil
	Afforestation done (ha)	No valid Proposal	Nil	Nil
	No. of saplings planted during the year	No valid Proposal	Nil	Nil
	Cumulative no. of plants	No valid Proposal		Nil
	Any other specific method of rehabilitation	No valid Proposal	Nil	Nil
	Cost incurred on watch & care during the year	No valid Proposal		Nil
6c	Compliance on reclamation and rehabilitation by backfilling Voids available for backfilling (L*B*D) Void filled by waste/tailings Afforestation on the backfilling Rehabilitation by making water reservoir Any other specific means	No valid Proposal	Nil	Nil
6d	Compliance of Rehabilitation of waste land within lease i. Afforestation	No valid Proposal	Nil	Nil

	ii. Area rehabilitation (ha) iii. Method of rehabilitation			
6e	Compliance of Environment monitoring (core zone & buffer zone)	No valid Proposal	Nil	Nil
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	The Review of Mining Plan was approved on 09/02/2021 for the Plan Period, 2017-18 to 2021-22 (Proposal period 2021-22 only). The proposed plan period has already been expired and further the lessee has no valid document of MP/RMP.		

7.0 Mineral Conservation:

S.N.	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	No valid Proposal	Nil	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No valid Proposal	Nil	Nil
7c	Different grade of mineral sort out at mine	No valid Proposal	Nil	Nil
7d	Any beneficiation process at mines	No valid Proposal	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	The Review of Mining Plan was approved on 09/02/2021 for the Plan Period, 2017-18 to 2021-22 (Proposal period 2021-22 only). The proposed plan period has already been expired and further the lessee has no valid document of MP/RMP.		

8.0 Environment:

S.N.	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No valid Proposal	Nil	Nil
8b	Concurrent use or storage of topsoil	No valid Proposal	Nil	Nil
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	No valid Proposal	Nil	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No valid Proposal	Nil	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No valid Proposal	Nil	Nil
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	No valid Proposal	Nil	Nil

8g	Survival rate	No valid Proposal	Nil	Nil
8h	Water sprinkling on roads to control airborne dust	No valid Proposal		Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	The Review of Mining Plan was approved on 09/02/2021 for the Plan Period, 2017-18 to 2021-22 (Proposal period 2021-22 only). The proposed plan period has already been expired and further the lessee has no valid document of MP/RMP.		

9.0 Compliance of Rule 45:

SN	Item	Details Given in A.R.	Observation of I/Officer	Remarks
9a	Status of submission of monthly and Annual returns	MR & AR submitted.		
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining engineer & geologist furnished.	Mining engineer & geologist furnished.	Mining engineer & geologist furnished.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit – 0.095 hect. Dump – 0.108 hect.	Pit – 0.095 hect. Dump – 0.108 hect.	Pit – 0.095 hect. Dump – 0.108 hect.
9d	Scrutiny of Annual return on afforestation	200 no.	At the time of inspection the annual return was not due and not submitted by lessee.	At the time of inspection the annual return was not due and not submitted by lessee.
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	Nil	At the time of inspection the annual return was not due and not submitted by lessee.
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Nil	Nil	At the time of inspection the annual return was not due and

				not submitted by lessee.
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Nil	Nil	At the time of inspection the annual return was not due and not submitted by lessee.
9i	Scrutiny of Annual return on Fixed assets	Nil	Nil	At the time of inspection the annual return was not due and not submitted by lessee.
9k	Scrutiny of Annual return on mining Machineries	Nil	Nil	At the time of inspection the annual return was not due and not submitted by lessee.

10- Details of violations observed during inspection and the compliance status.

No violation observed during current inspection.

Date: 04/07/2023

Signature:
Name: Dayanand Upadhyay
Designation: Deputy Controller of Mines