

## MCDR INSPECTION REPORT 2021-22

### General:

Sl .No.	Particulars	Details
1	Name of the Mine	Bade Bacheli Tin Ore Mine 5.314hect.
2	Date of Inspection:	27/12/2022
3	Name of Inspecting Officer	Shri Dayanand Upadhyay, Sr. ACOM
4	Name of official accompanying inspection	Shri Dileshwar patel, Geologist
5	Last date of Inspection & Officer	11/05/2022, Shri D. Das, SMG
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	5.314Hect., Non Forest
7	Mine code	60CHG03005
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- <a href="mailto:pmsl10@rediffmail.com">pmsl10@rediffmail.com</a> <a href="mailto:pmasl1996@gmail.com">pmasl1996@gmail.com</a>
10	Village	Bade Bacheli
11	Taluka/Mandal	Bade Bacheli
12	District	Dantewada
13	Pin code	494553
14	State	Chattisgarh
15	Post Office	Bade Bacheli
16	Nearest Police Station	Bade Bacheli
17	Nearest Railway Station	Kirandul
18	Date of Grant of Mining Lease	30/09/2003 (30/09/2003 To 29.09.2023) Under provision of Section 8A of MMDR Act, 2015 lease period is valid for 50 years i.e upto 29/09/2053, however supplementary lease deed is not executed and it is under process.
19	Date of Execution	30/09/2003
20	Weekly day of rest	Wednesday
21	Date of opening of Mine	03/07/2005
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, phone, email, fax number and date of appointment	Nirmal Lunia, Director Semi urban industrial estate frezerpur jagdalpur ph. 07782-227129, 227130 email- <a href="mailto:pmsl10@rediffmail.com">pmsl10@rediffmail.com</a> <a href="mailto:pmasl1996@gmail.com">pmasl1996@gmail.com</a>

26	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Nirmal Lunia, Director Semi urban industrial estate frezerpur jagdalpur ph. 07782-227129, 227130 email- <a href="mailto:pmsl10@rediffmail.com">pmsl10@rediffmail.com</a> 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- <a href="mailto:pmsl10@rediffmail.com">pmsl10@rediffmail.com</a>
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- <a href="mailto:pmsl10@rediffmail.com">pmsl10@rediffmail.com</a>
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. Dnt/Tin/MPLN-1141/2017, Raipur, Dated 04/04/2018
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 not obtained and it is under process.
37	Status of Financial Assurance	Rs 256800/- Valid upto 31/03/2023

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

### 1.0 Exploration:

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
1a	Backlog of previous year Proposals	Not proposed	Nil.	Mines is not working due to want of EC.
1b	Exploration over lease area for Geological axis 1 or 2.	Not proposed	Nil.	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not proposed	Nil.	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Not proposed	Nil.	
1e	Balance reserves as on 01.04.2022	Balance reserves as on 01.04.2022 is 266.160 ton		
1f	General remarks of Inspecting officer on geology, exploration etc.	Mines is not working due to want of EC.		

### 2.0 Development:

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
2a	Location of Development w.r.t. lease area	E300 to E200 S100 to 0.000	Mines is not working due to want of EC	Mines is not working due to want of EC
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Separate benches in OB and Ore	Mines is not working due to want of EC	Mines is not working due to want of EC
2c	Stripping ratio or ore to OB ratio	1:749T/cu.m	Mines is not working due to want of EC	Mines is not working due to want of EC
2d	Quantity of topsoil generation in m <sup>3</sup>	75 Cu.M.	Mines is not working due to want of EC	Mines is not working due to want of EC
2e	Quantity of overburden generation in m <sup>3</sup>	374.5 Cu.M.	Mines is not working due to want of EC	Mines is not working due to want of EC
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Mines is not working due to want of EC		

### 3.0 Exploitation:

S.N.	Item	Proposals	Actual	Remarks
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.		(2021-22)	Work (2021-22)	
3a	Number of pits proposed for production	1pit	Mines is not working due to want of EC	Mines is not working due to want of EC
3b	Quantity of ROM mineral production proposed	1.5 ton	Mines is not working due to want of EC	Mines is not working due to want of EC
3c	Recovery of Salable/usable mineral from ROM production	1.5 ton	Mines is not working due to want of EC	Mines is not working due to want of EC
3d	Quantity of mineral reject generation	Not proposed	Mines is not working due to want of EC	Mines is not working due to want of EC
3e	Grade of mineral reject generation and threshold value declared	Not proposed	Mines is not working due to want of EC	Mines is not working due to want of EC
3f	Quantity of sub-grade mineral generation	Not proposed	Mines is not working due to want of EC	Mines is not working due to want of EC
3g	Grade of sub-grade mineral generation	Not proposed	Mines is not working due to want of EC	Mines is not working due to want of EC
3h	Manual/Mechanized method adopted for segregation from ROM	Manual	Mines is not working due to want of EC	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	Mines is not working due to want of EC	Mines is not working due to want of EC
3j	Provision of drilling & blasting in mineral benches	Not proposed	Mines is not working due to want of EC	Mines is not working due to want of EC

3k	Provision of mining machineries in mineral benches	Manual mining with tractor transportation..	Mines is not working due to want of EC	Mines is not working due to want of EC
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Mines is not working due to want of EC	Mines is not working due to want of EC
3m	Total area covered under excavation /pits	0.390 hect. During plan period.	Mines is not working due to want of EC	Mines is not working due to want of EC
3n	Ore to OB ratio for the pit/mine during the year	1:749T/cu.m	Mines is not working due to want of EC	Mines is not working due to want of EC
3o	Total area put in use under different heads at the end of year	1.284 hect. During plan period.	Mines is not working due to want of EC	Mines is not working due to want of EC
3p	Production of ROM mineral during last five-years period, as Applicable (tonne)	2017-18: 1.5T	Nil	Mines is not working due to want of EC
		2018-19: 1.5T	Nil	
		2019-20: 1.5T	Nil	
		2020-21: 1.5T	Nil	
		2021-22: 1.5T	Nil	
3q	General remarks of inspecting officer on method of mining etc	Mines is not working due to want of EC		

#### **4.0 Solid Waste Management-Dumping:**

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Separate dumping of OB & topsoil	Mines is not working due to want of EC	Mines is not working due to want of EC
4b	Location of topsoil, OB & mineral reject dumps	South western part of the lease.	Mines is not working due to want of EC	Mines is not working due to want of EC
4c	Number of Dumps within lease area and outside lease area	1 OB dump & 01 topsoil dump	Mines is not	Mines is not

			working due to want of EC	working due to want of EC
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	E200 to E100 S200 to S100	Mines is not working due to want of EC	Mines is not working due to want of EC
4e	Number of Active & Alive dumps	01	Mines is not working due to want of EC	Mines is not working due to want of EC
4f	Number of dead dumps	Not proposed	Mines is not working due to want of EC	There are 3 no. of old dumps. Mines is not working due to want of EC
4g	Number of dumps established	Not proposed	Mines is not working due to want of EC	Mines is not working due to want of EC
4h	Whether Retaining wall or garland drain all along dumps are there	Not proposed	Mines is not working due to want of EC	Mines is not working due to want of EC
4i	Length of Retaining wall or garland drain all along dump	Not proposed	Mines is not working due to want of EC	Mines is not working due to want of EC
4j	Number of settling ponds	Not proposed	Mines is not working due to want of EC	Mines is not working due to want of EC
4k	Specific commends of inspecting officer on waste dump management	Mines is not working due to want of EC		

### **5.0 Solid Waste Management-Backfilling:**

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not proposed	Nil	Mines is not working due to want of EC
5b	Area under backfilling of mined out area	Not proposed	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed	Nil	
5d	Total area fully reclaimed & rehabilitated	Not proposed	Nil	
5e	General remarks of inspecting officer	Mines is not working due to want of EC		

	on backfilling, reclamation etc	
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### **6.0 Progressive Mine Closer Plan:**

S. N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 26 (2)	Yes	Mines is not working due to want of EC	Mines is not working due to want of EC
6b	Management of worked/mined out benches	Not proposed	Mines is not working due to want of EC	Mines is not working due to want of EC
	Area available for rehabilitation (Ha)	Not proposed	Mines is not working due to want of EC	Mines is not working due to want of EC
	Afforestation done (ha)	0.030 hect.	Mines is not working due to want of EC	Mines is not working due to want of EC
	No. of saplings planted during the year	150 no.	Mines is not working due to want of EC	Mines is not working due to want of EC
	Cumulative no. of plants	Not specified.	Mines is not working due to want of EC	Mines is not working due to want of EC
	Any other specific method of rehabilitation	Not proposed	Mines is not working due to want of EC	Mines is not working due to want of EC
	Cost incurred on watch & care during the year	Not proposed	Mines is not working due to want of EC	Mines is not working due to want of EC
	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	Not proposed	Mines is not working due to want of EC
6d	Compliance of Rehabilitation of waste land within lease	Not proposed	Mines is not working due to	Mines is not working due to

	i. Afforestation ii. Area rehabilitation (ha) iii. Method of rehabilitation		want of EC	want of EC
6e	Compliance of Environment monitoring (core zone & buffer zone)	Yes	Mines is not working due to want of EC	Mines is not working due to want of EC
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Mines is not working due to want of EC		

### **7.0 Mineral Conservation:**

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Manual sorting.	Mines is not working due to want of EC	Mines is not working due to want of EC
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual sorting.	Mines is not working due to want of EC	Mines is not working due to want of EC
7c	Different grade of mineral sort out at mine	Manual sorting.	Mines is not working due to want of EC	Mines is not working due to want of EC
7d	Any beneficiation process at mines	Manual sorting.	Mines is not working due to want of EC	Mines is not working due to want of EC
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Mines is not working due to want of EC		

### **8.0 Environment:**

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Yes	Mines is not working due to want of EC	Mines is not working due to want of EC
8b	Concurrent use or storage of topsoil	Yes	Mines is not working due to want of EC	Mines is not working due to want of EC
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Yes	Mines is not working due to want of EC	Mines is not working due to want of EC



8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	Mines is not working due to want of EC	Mines is not working due to want of EC
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed	Mines is not working due to want of EC	Mines is not working due to want of EC
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	150 nos. Area 0.030 hect	Mines is not working due to want of EC	Mines is not working due to want of EC
8g	Survival rate	Not specified.	Mines is not working due to want of EC	Mines is not working due to want of EC
8h	Water sprinkling on roads to control airborne dust	Yes	Mines is not working due to want of EC	Mines is not working due to want of EC
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Mines is not working due to want of EC		

### **9.0 Compliance of Rule 45:**

S N	Item	Comments		Remarks
9a	Status of submission of monthly and Annual returns	MR submitted up to December 2022 AR submitted up to July 2022		Mines is not working due to want of EC
S N	Item	Details Given in A.R.	Observation of I/Officer	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Information of Geologist is furnished	Information of Geologist is furnished	Information of Geologist is furnished
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use pattern furnished in AR.	Mines is not working due to want of EC	Mines is not working due to want of EC
9d	Scrutiny of Annual return on afforestation	150 nos.	Mines is not working due to want of EC	Mines is not working due to want of EC
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	Mines is not working due to want of EC	Mines is not working due to want of EC
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Closing stock- Nil	Mines is not working due to	Mines is not working due to

			want of EC	want of EC
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Nil	Mines is not working due to want of EC	Mines is not working due to want of EC
9i	Scrutiny of Annual return on Fixed assets	Fixed assets furnished in AR	Mines is not working due to want of EC	Mines is not working due to want of EC
9k	Scrutiny of Annual return on mining Machinerics	Furnished in AR	Mines is not working due to want of EC	Mines is not working due to want of EC

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

Violation of Rule 11(4) has been issued on 19/12/2022 and violation of Rule 45(5) has been issued on 29/12/2022 to the lessee.

Date: 07/02/2023

Signature:  
Name: (D. UPADHYAY)  
Designation: Sr. ACOM