

MCDR INSPECTION REPORT

General

S. N.	Particulars	Details
1	Name & Designation of Inspecting office	Rajesh Kumar Das, Senior Assistant Controller of Mines, IBM, Raipur
2	Date of Inspection	21.05.2019
3	Accompanying mine official	Shri Amit Bajaj, Owner's representative & Shri R.K.Prakash, Qualified Person
4	Name of the Mine	Indrawati Graphite Mine
5	Total Lease Area (Ha) with breakup of Non-forest and forest land	67.11 ha. (0.785 ha.Non-Forest Govt. Land & 66.325 Pvt. Land)
6	Mine code	28CHG16001
7	IBM Registration Number under rule 45 of MCDR, 1988	IBM/4370/2011
8	Name of the lessee, Address, phone, email and fax number	M/S S.J.Minerals Resources, Proprieter Jyoti Kumar Bajaj, Cart Sarai Road, Upper Bazar, P.O. & Distt- Ranchi (Jharkhand), Pin-834001, Mob:943117060, E-mail id:smjresources@gmail.com
9	Village	Indrawati
10	Taluka/Mandal	Ramanunjangj
11	District	Balrampur
12	Pincode	493111
13	State	Chhattisgarh
14	Post office	Ramanunjangj
15	Nearest police station	Ramanunjangj
16	Nearest Railway station	Garhwa Road 20 Km
17	Date of Grant of Mining Lease	11.06.2002 for 30 years
18	Date of Execution	11.06.2002
19	Date of opening of Mine	07.06.2004
20	Date of first Renewal, if applicable and its period & expiry	NA
21	Date of second Renewal, if applicable and its period & expiry	NA
22	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
22	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	NA
23	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Not appointed
24	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	No Mines Manager and mine reported non-working from 2015-16
25	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	No Mining Engineer and mine reported non-working from 2015-16
26	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	No

27	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan approved on 23.05.2002
28	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	1 st Scheme is approved on 12.09.2013 for period 2009-10 to 2013-14.
29	Mineral(s) granted in lease and proved for mining	Graphite
30	Method of Mining (Opencast, Underground)	opencast
31	Category (Fully Mechanised, Others or Manual)	Manual
32	Captive/Non Captive	Non Captive
33	Status of EC	31750 TPA

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. (Duplication of information in existing TMIS data sheets and draft write up has been avoided.)

Exploration

S.N.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal	Nil	After 2013-14 there is no approved document and mine is non-working
1b	Exploration over lease area for Geological axis 1 or 2.	No proposal	Nil	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No proposal	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	Nil	
1e	Balance reserves as on 01.04.2019	No proposal	Nil	
1f	General remarks of inspecting officer on geology, exploration etc.	The area is broadly virgin area and no such exploration reported in this area but due to mining activities 3-4 small pits of 3-4m depth exist where some places graphite is exposed. The mine is non-working since long time therefore grasses and bushes grown across lease area and pits.		

Development

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	No proposal	Nil	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No proposal	Nil	
2c	Stripping ratio or ore to OB ratio	No proposal	Nil	
2d	Quantity of topsoil generation in m ³	No proposal	Nil	
2e	Quantity of overburden generation in m ³	No proposal	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	The mine is non-working.		

Exploitation

S.N.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	No proposal	Nil	
3b	Quantity of ROM mineral production proposed	No proposal	Nil	
3c	Recovery of salable/usable mineral from ROM production	No proposal	Nil	

3d	Quantity of mineral reject generation	No proposal	Nil	
3e	Grade of mineral reject generation and threshold value declared	No proposal	Nil	
3f	Quantity of sub-grade mineral generation	No proposal	Nil	
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 & carried out for sub-grade mineral and reject	No proposal	Nil	
3j	Provision of drilling & blasting in mineral benches	No proposal	Nil	
3k	Provision of mining machineries in mineral benches	No proposal	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposal	Nil	
3m	Total area covered under excavation/pits	No proposal	Nil	
3n	Ore to OB ratio for the pit/mine during the year	No proposal	Nil	
3o	Total area put in use under different heads at the end of year	No proposal	Nil	
3p	Production of ROM mineral during last five-year period, as applicable	No proposal	Nil	
3q	General remarks of inspecting officer on method of mining etc.	There are no remarks on method of mining as the mine is non-working.		

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No proposal	Nil	
4b	Location of topsoil, OB & mineral reject dumps	No proposal	Nil	
4c	Number of dumps within lease area and outside lease area	No proposal	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	Nil	
4e	Number of active & alive dumps	No proposal	Nil	
4f	Number of dead dumps	No proposal	Nil	
4g	Number of dumps stabilised	No proposal	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	No proposal	Nil	
4i	Length of Retaining wall or garland drain all along dump	No proposal	Nil	
4j	Number of settling ponds	No proposal	Nil	
4k	Specific comments of inspecting officer on waste dump management	No comment as mine is non-working		

Solid Waste Management-Backfilling

S.N.	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of	No proposal	Nil	

	mineral from mined out area before starting backfilling			
5b	Area under backfilling of mined out area	No proposal	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposal	Nil	
5d	Total area fully reclaimed & rehabilitated	No proposal	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No comment as mine is non-working		

Progressive Mine Closure Plan

S.N.	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.	No proposal	Nil	
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year	No proposal	Nil	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L * B * D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	No proposal	Nil	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No proposal	Nil	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	No proposal	Nil	
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations	No comment as mine is non-working		

Mineral Conservation

S.N.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise	No proposal	Nil	

	sorting within lease area			
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No proposal	Nil	
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 & beneficiation issues	No comment as mine is non-working.		

Environment

S.N.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	Nil	
8b	Concurrent use or storage of topsoil	No proposal	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	Nil	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	No proposal	Nil	
8g	Survival rate	No proposal	Nil	
8h	Water sprinkling on roads to control airborne dust	No proposal	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No comment as mine is non-working.		

Compliance of Rule 45

S.N.	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	AR & MR not submitted		Violation pointed out
S.N.	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NA		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NA		
9d	Scrutiny of Annual return on afforestation	NA		
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	NA		
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NA		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	NA		

9i	Scrutiny of Annual return on fixed assets	NA		
9k	Scrutiny of Annual return on mining machineries	NA		

Details of violations observed during current inspection and compliance position of earlier violation pointed out:- The earlier violation of Rule 27 pointed out as per office record is still pending and follow up action is under process.

The present inspection is carried out for processing of Review of Mining Plan during inspection it was observed that mine is non-working since long time and Annual and Monthly returns are not submitted and neither registered in MTS therefore accordingly violations pointed out under Rule 45 of MCDR,2017 and alos under Rule11(1) for not having approved document.

नियम	उल्लंघन के प्रकार का ब्यौरा
11(1)	No holder of a mining lease shall commence or carry out mining operations in any area except in accordance with the mining plan approved, modified or reviewed by the Indian Bureau of Mines. Mining operations should have been undertaken in accordance with the approved Mining Plan, modified or review of Mining Plan. Your last approved Scheme of Mining, Letter no. SRG/GRP/MPNL-769/NGP, dated 12.09.2013 and was expired on 31.03.2014 and after that mining operation carried out without any approved document.
45(1)	The holder of a mining lease, or any person or company engaged in trading or storage or end-use or export of minerals mined in the country, shall cause himself to be registered online with the Indian Bureau of Mines as per application specified in Form K of the Schedule and the registration number so allotted by the Indian Bureau of Mines shall be used for all purposes of online reporting and correspondence connected therewith. But till date the lessee has not registered with https://mitra.ibm.gov.in/ .
45(5)(b)(i)	The holder of a mining lease shall submit online returns in respect of each mine to the Regional Controller or any other authorised official of the Indian Bureau of Mines in the following manner, namely:-a monthly return which shall be submitted before the tenth day of every month in respect of the preceding month in electronic form along with a signed print copy of the same if it is not digitally signed, (i) in Form F1 of the Schedule but the lessee not submitted returns from 2014-15 to till date.
45(5)(c)(i)	The holder of a mining lease shall submit online returns in respect of each mine to the Regional Controller or any other authorised official of the Indian Bureau of Mines in the following manner, namely:-an annual return which shall be submitted before the 1st day of July each year for the preceding financial year in electronic form, along with a signed print copy of the same if it is not digitally signed, in the respective Form (i) in Form G1 of the Schedule; but the lessee not submitted from 2014-15 to till date.

(Rajesh Kumar Das, Senior Assistant Controller of Mines)