

**INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/IRON/SNG/MCDR-13/BBS

Mine code : 30ORI13025

- (i) Name of the Inspecting : **U11**) **DAYANAND UPADHYAY**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Shri D.K.Saha, Mines Manager
Official with
Designation
- (iv) Date of Inspection : 29/12/2019
- (v) Prev.inspection date : 18/03/2019

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **TANTRA**
- (b) **Registration NO.** : **IBM/6694/2011**
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
- State : ORISSA
- District : SUNDARGARH
- Village : TANTRA
- Taluka : BONAI
- Post office : TENSA
- Pin Code : 770042
- FAX No. : 06625-236305
- E-mail : onkargroup@hotmail.com
- Phone : 06625-236305
- (f) Police Station : Koira
- (g) First opening date : 01/09/1986
- (h) Weekly day of rest : SUN
2. Address for : AT/PO-KOIRA
correspondance DIST- SUNDERGARH
ORISSA-770042
3. (a) Lease Number : ORI0132
- (b) Lease area : 72.56
- (c) Period of lease : 20
- (d) Date of Expiry : 21/11/2005
4. Mineral worked : BAUXITE Associated
IRON ORE Main

5. Name and Address of the

Lessee : M/S KORP RESOURCES PVT LTD
 161, RABINDRA SARANI, PS-
 BURRA BAZAR KOLKATTA
 KOLKATA WEST BENGAL
 Phone:03322683832
 FAX :03322683832

Owner : SHRI PRAHLAD ROY GOENKA
 161, RABINDRA SARANI, PS-
 BURRA BAZAR KOLKATA KOLKATA
 WEST BENGAL
 Phone: 9831094640
 FAX : 03322683832

Mining Engineer

Name : SHRI RUDRA MOHAN NAYAK, Full Time
 Qualification : B E MINING (AMIE)
 Appointment/ : 01/03/2019
 Termination date

Geologist

Name : SHRI P K PATHAK, Full Time
 Qualification : MSC (GEOLOGY)
 Appointment/ : 05/07/2012
 Termination date

Manager

Name : SHRI CHANDRA SEKHAR MISHRA
 Qualification : MSC GEOLOGY (FIRST CLASS MINES MANAGER C
 Appointment/ : 15/03/2016
 Termination date

6. Date of approval of Mining	:	Existing rule 11 MCDR1988	29/03/2004
Plan/Scheme of Mining		PMCP under 23B(2) for Existing	22/10/2007
		Mining Scheme rule 12 MCDR1988	11/12/2008
		Modif. approved Mining Scheme	03/03/2010
		Mining Scheme rule 12 MCDR1988	19/04/2013
		MP review under 17(1) MCR 2016	18/05/2018

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	15 number of bore holes in 2018-19.	Proposed bore holes have not been drilled.	Proposed bore holes have not been drilled. The deviation of exploration has been pointed out through violation letter.
1b	Exploration over lease area for geological axis 1 or 2	G1/G2 Level of exploration.	Proposed bore holes have not been drilled.	Proposed bore holes have not been drilled. The deviation of exploration has been pointed out through violation letter.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not specified.	Proposed bore holes have not been drilled.	Proposed bore holes have not been drilled. The deviation of exploration has been pointed out through violation letter.
1d	Balance area to be explored to bring Geological axis in 1 or 2	Within G2/G3 Level explored area.	Proposed bore holes have not been drilled.	Proposed bore holes have not been drilled. The deviation of exploration has been pointed out through violation letter.

1e	Balance reserve as on 01/04/20	As per the review of mining plan approved dated 18.05.2018, the reserve is 3.918 million tones and remaining resources is 1.01 million tones. Total Reserve and Resource is 4.928 million tones.	Balance reserve as on 01/04/2019 under 111 category was 3.799 million tones and resources under (211) category was 1010000T.	Balance reserve as on 01/04/2019 under 111 category was 3.799 million tones and resources under (211) category was 1010000T.
1f	General remarks of inspecting officers on geology, exploration etc	15 number of bore holes in 2018-19.	Proposed bore holes have not been drilled.	Proposed bore holes have not been drilled. The deviation of exploration has been pointed out through violation letter.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Single pit- E 311750/311930 and N 2420900/241080 .	The development is concentrated in single pit between grid E 311750/311930 and N 2420900/241080	The development is concentrated in single pit between grid E 311750/311930 and N 2420900/241080
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches in OB and ore with 6 m height, top soil bench- nil.	Separate benches in OB and ore of 6 m height have been maintained.	Separate benches in OB and ore of 6 m height have been maintained.
2c	Stripping ratio or ore to OB ratio	1:0.04 T/cu.m	1:0.02 t/cu.m	Average stripping ratio varies due to irregular nature of ore deposit.

2d	Quantity of topsoil generation in m3	Not proposed.	There is no top soil generation.	There is no top soil generation.
2e	Quantity of overburden generation in m3	8662.19 cum of intercalated waste	7180 cu.m	Quantity of waste varies due to irregular nature of ore deposit.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Single pit- E 311750/311930 and N 2420900/241080 .	The development is concentrated in single pit between grid E 311750/311930 and N 2420900/241080	The development is concentrated in single pit between grid E 311750/311930 and N 2420900/241080

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Single pit	Working is concentrated in single pit as proposed.	Working is concentrated in single pit as proposed.
3b	Quantity of ROM mineral production proposed	239942T	ROM production reported in 2018-19 is 118700.0T	ROM Production is less due to low grade with low market demand.
3c	Recovery of sailable/usable mineral from ROM production	1,42,926.20 MT	Nil.	Lease area equipped with mostly low grade ore. due to less ROM production and out of total ROM production only 77200 tones of ROM has been processed in screening plant between grade +45% to 58%Fe and ROM production booked in closinf stock.

3d	Quantity of mineral reject generation	97016.57 tones	77200 tones	Less recovery of mineral reject was due to restriction of ROM production within EC limit and further out of 118700 tones of ROM production, only 77200 tones of ROM has been processed in screening plant between grade +45% to 58%Fe.
3e	Grade of mineral rejects generation and threshold value declared.	45 to - 58% Fe	45 to -58% Fe	Lease area equipped with mostly low grade ore.
3f	Quantity of sub grade mineral generation.	97016.57 tones	77200 tones	Less recovery of mineral reject was due to restriction of ROM production within EC limit and further out of 118700 tones of ROM production, only 77200 tones of ROM has been processed in screening plant between grade +45% to 58%Fe.
3g	Grade of sub grade mineral generation	45 to - 58% Fe	45 to - 58% Fe	Lease area equipped with mostly low grade ore.
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	Mechanised	Mechanised
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Wet beneficiation plant.	Wet beneficiation plant installed by lessee in the lease area which is not in operation due to want of consent to operate.	Wet beneficiation plant is not in operation due to want of consent to operate.

3j	Provision of drilling and blasting in mineral benches	DTH drilling of 100 mm dia. Blast hole with emulsion/slurry explosive as column charge and booster alongwith delay detonator.	Drilling and blasting is carried out with DTH drilling of 100 mm dia. Blast hole with emulsion/slurry explosive as column charge and booster alongwith delay detonator.	Drilling and blasting is carried out with DTH drilling of 100 mm dia. Blast hole with emulsion/slurry explosive as column charge and booster alongwith delay detonator.
3k	Provision of mining machineries in mineral benches	Excavator, Loader and Dumper are proposed for excavation.	Machineries equipped at mine sites are SHOVEL 2.0 cu.m- 2, FRONT END LOADER 2.5 cu.m-3, TRUCK 20T -4, WATER TANKER 10 & 6KL-2	Excavator, Loader and Dumper are equipped to winning out the mineral.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench height-6 m	Bench height is suitably matched with the excavator.	Bench height is suitably matched with the excavator.
3m	Total area covered under excavation/pits	10.8 ha proposed during approved plan period.	About 7.85 ha area has been covered under excavation pits.	About 7.85 ha area has been covered under excavation pits.
3n	Ore to OB ratio for the pit/mine during the year.	1:0.04 t/cu.m	1:0.02 t/cu.m	Average stripping ratio varies due to irregular nature of ore deposit.
3o	Total area put in use under different heads at the end of year	Total area proposed under different heads are Pit-10.8 ha, waste dump- 2.068 ha, Plant, residential & building -4.27 ha, Mineral storage-2.610 ha & others - 7.26 ha. etc	Area covered under different heads are Pit- 7.85 ha, waste dump- 0.131ha, building, roads- 1.0ha & others including plant - 13.214 ha.	Area covered under different heads are Pit- 7.85 ha, waste dump- 0.131ha, building, roads- 1.0ha & others including plant - 13.214 ha.

3p	Production of ROM mineral during the last five year period as applicable	Year wise Production proposal 2014-15: 600000 tones 2015-16: 600000 tones 2016-17: 600000 tones 2017-18: 600000 tones In 2018-19: 239942 tones	Year wise ROM production 2014-15: 114000 tones 2015-16: 115600 tones 2016-17: 119300 tones 2017-18: 106200 tones 2018-19: 118700 tones	ROM Production is within the approved proposal.
3q	General remarks of inspecting officers on method of mining etc.	Excavation of ROM has been proposed in Single pit- E 311750/311930 and N 2420900/241080 .	The ROM production has been carried out in pit as proposed. DTH drilling of 100 mm dia. Blast hole with emulsion/ slurry explosive alongwith delay detonator is being practiced for drilling and blasting.	The ROM production has been carried out in pit as proposed. DTH drilling of 100 mm dia. Blast hole with emulsion/ slurry explosive alongwith delay detonator is being practiced for drilling and blasting.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Separate dumping for overburden and mineral reject.	Overburden and mineral reject generated during mining are dumped Separately.	There is no top soil generation.
4b	Location of topsoil, OB and mineral reject dumps	Waste Dump-1, between N2420750 to 2420890 and E 311350 to 311500. Mineral reject- N2420700 to 2421000 and E 311600 to 311700	Waste Dump-1, between N2420750 to 2420890 and E 311350 to 311500. Mineral reject- N2420700 to 2421000 and E 311600 to 311700	Waste Dump-1, between N2420750 to 2420890 and E 311350 to 311500. Mineral reject- N2420700 to 2421000 and E 311600 to 311700

4c	Number of dumps within lease area and outside of lease area	One waste Dump and two mineral reject dump	There are one waste dump and two mineral reject dump as per proposal.	There are one waste dump and two mineral reject dump as per proposal.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Waste Dump-1, between N2420750 to 2420890 and E 311350 to 311500. Mineral reject- N2420700 to 2421000 and E 311600 to 311700	The waste dump and mineral reject dump are located outside the UPL within lease area.	The waste dump and mineral reject dump are located outside the UPL within lease area.
4e	Number of active and alive dumps.	One waste Dump.	There are one active waste dump in lease area.	There are one active waste dump in lease area.
4f	Number of dead dumps.	Not proposed.	Nil.	There is no dead dump.
4g	Number of dumps established.	Not proposed.	Nil.	There is no dead dump.
4h	Whether Retaining wall or garland drain all along dumps are there.	175 m of retaining wall and 175 m of garland drain	In 2018-19, 175 m of retaining wall and 175 m of garland drain have been constructed.	In 2018-19, 175 m of retaining wall and 175 m of garland drain have been constructed.
4i	Length of Retaining wall or garland drain all along dumps	175 m of retaining wall and 175 m of garland drain	In 2018-19, 175 m of retaining wall and 175 m of garland drain have been constructed	In 2018-19, 175 m of retaining wall and 175 m of garland drain have been constructed
4j	Number of settling ponds	Not proposed.	There is 01 settling pond.	There is 01 settling pond.
4k	Specific comments of inspecting officer on waste dump management	Waste Dump-1, between N2420750 to 2420890 and E 311350 to 311500. Mineral reject- N2420700 to 2421000 and E 311600 to 311700	Waste Dump-1, between N2420750 to 2420890 and E 311350 to 311500. Mineral reject- N2420700 to 2421000 and E 311600 to 311700	Waste and mineral reject have been dumped separately.

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Not proposed as pit is not exhausted.	Pit is not matured for backfilling and reclamation and re-habilitation.	Pit is not matured for backfilling and reclamation and re-habilitation.
5b	Area under backfilling of mined out area	Not proposed as pit is not exhausted.	Pit is not matured for backfilling and reclamation and re-habilitation.	Pit is not matured for backfilling and reclamation and re-habilitation.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not proposed as pit is not exhausted.	Pit is not matured for backfilling and reclamation and re-habilitation.	Pit is not matured for backfilling and reclamation and re-habilitation.
5d	Total area fully reclaimed and rehabilitated	Not proposed as pit is not exhausted.	Pit is not matured for backfilling and reclamation and re-habilitation.	Pit is not matured for backfilling and reclamation and re-habilitation.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Not proposed as pit is not exhausted.	Pit is not matured for backfilling and reclamation and re-habilitation.	Pit is not matured for backfilling and reclamation and re-habilitation.

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	As per Rule 26 (2) of MCDR, 2017	Annual return on PMCP has been submitted.	Annual return on PMCP has been submitted.
6b	Area available for rehabilitation (ha) .	Not proposed as pit is not exhausted.	Pit is not matured for backfilling and reclamation and re-habilitation.	Pit is not matured for backfilling and reclamation and re-habilitation.
6c	afforestation done (ha).	0.20 Ha.	In 2018-19, total area cover under afforestation is about 0.2 ha.	In 2018-19, total area cover under afforestation is about 0.2 ha.

6d	No. of saplings planted during the year	500 nos of saplings	In 2018-19, Within lease area 7800 nos. saplings and Outside lease area 600 nos. saplings have been planted by lessee.	Total 8100 nos. saplings have been planted in 2018-19.
6e	Cumulative no .of plants	Not specified.	Cumulative nos. of saplings planted in the lease area is about 31570 nos.	Cumulative nos. of saplings planted in the lease area is about 26500 nos.
6f	Any other method of rehabilitation	Not proposed as pit is no exhausted.	Pit is not matured for backfilling and reclamation and re-habilitation.	Pit is not matured for backfilling and reclamation and re-habilitation.
6g	Cost incurred on watch and care during the year	Not Specified.	Around Rs 2.12 lakh cost incurred on watch and care.	Around Rs 2.12 lakh cost incurred on watch and care.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Not proposed as pit is no exhausted.	Pit is not matured for backfilling and reclamation and re-habilitation.	Pit is not matured for backfilling and reclamation and re-habilitation.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not proposed as pit is no exhausted.	Pit is not matured for backfilling and reclamation and re-habilitation.	Pit is not matured for backfilling and reclamation and re-habilitation.
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	Not proposed as pit is no exhausted.	Pit is not matured for backfilling and reclamation and re-habilitation.	Pit is not matured for backfilling and reclamation and re-habilitation.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not proposed as pit is no exhausted.	Pit is not matured for backfilling and reclamation and re-habilitation.	Pit is not matured for backfilling and reclamation and re-habilitation.

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Not proposed as pit is no exhausted.	Pit is not matured for backfilling and reclamation and re-habilitation.	Pit is not matured for backfilling and reclamation and re-habilitation.
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	0.20 ha area by 500 nos. of saplings.	0.20 ha area by 7800 nos. of saplings.	0.20 ha area by 500 nos. of saplings.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	0.20 ha area by 500 nos. of saplings.	0.20 ha area by 500 nos. of saplings.	0.20 ha area by 500 nos. of saplings.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	0.20 ha area by 500 nos. of saplings.	0.20 ha area by 500 nos. of saplings.	0.20 ha area by 500 nos. of saplings.
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly monitoring	Quarterly monitoring of air, water and noise level are being carried out.	Quarterly monitoring of air, water and noise level are being carried out.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No proposal of backfilling as pit is not exhausted.	Pit is not matured for backfilling and reclamation and re-habilitation.	Pit is not matured for backfilling and reclamation and re-habilitation.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Gradewise sorting	Gradewise sorting is being practiced.	Gradewise sorting is being practiced.

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanized	Mechanized	Mechanized
7c	Different grade of mineral sorted out at mines.	45% to 58% Fe and +58% Fe.	Different grades of minerals sorted out at mines are 45% to 58% Fe.	Different grades of minerals sorted out at mines are 45% to 58% Fe.
7d	Any beneficiation process at mines .	Wet beneficiation plant.	Wet beneficiation plant installed by lessee in the lease area which is not in operation due to want of consent to operate.	Wet beneficiation plant is not in operation due to want of consent to operate.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Gradewise sorting of 45% to 58% Fe and +58% Fe.	Different grades of minerals sorted out at mines are -45% to 58% Fe. Cut off grade of iron ore for the mine is +58%.	Wet beneficiation plant is not in operation due to want of consent to operate.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not proposed.	Nil.	No top top soil generation is proposed.
8b	Concurrent use or storage of topsoil	Not proposed.	Nil.	No top top soil generation is proposed.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumping for overburden and mineral reject.	Overburden and mineral reject generated during mining are dumped Separately.	Overburden and mineral reject generated during mining are dumped Separately.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal of backfilling as pit is not exhausted.	Pit is not matured for backfilling and reclamation and re-habilitation.	Pit is not matured for backfilling and reclamation and re-habilitation.

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal of pit is not exhausted.	Pit is not matured for backfilling and reclamation and rehabilitation.	Pit is not matured for backfilling and reclamation and rehabilitation.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	500 nos. of plantation.	In 2018-19, Within lease area 4410 nos. saplings and Outside lease area 1450 nos have been planted by lessee.	In 2018-19, Within lease area 4410 nos. saplings and Outside lease area 1450 nos have been planted by lessee.
8g	Survival rate	Not specified.	As reported survival rate is 75%.	As reported survival rate is 75%.
8h	Water sprinkling on roads to control airborne dust	Water sprinkler.	Water sprinkler are used to control air borne dust.	Water sprinkler are used to control air borne dust.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	500 nos. of plantation proposed in 2018-19.	In 2018-19, Within lease area 7800 nos. saplings and Outside lease area 600 nos. have been planted by lessee. Aesthetic beauty in and around mines area is maintained plantation.	Aesthetic beauty in and around mines area is maintained by plantation.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly & Annual returns are being regularly submitted by lessee.	Monthly & Annual returns are being regularly submitted by lessee.	After scrutiny of annual return, Violation letter issued in reference Grade-wise Production, Sales/Dispatches and ex mine price.

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	The employment status of mining engineer, geologist & mine manager have been furnished in the annual return submitted for the year 2018-19.	Mining engineer, geologist & mine managers were employed in the mine.	Mining engineer, geologist & mine managers were employed in the mine.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area covered under different heads are Pist- 7.850ha, waste dump- 0.131ha, building, roads- 1.0ha & others - 13.214 ha.	Area covered under different heads are Pist- 7.850ha, waste dump- 0.131ha, building, roads- 1.0ha & others - 13.214 ha.	Area covered under different heads are Pist- 7.850ha, waste dump- 0.131ha, building, roads- 1.0ha & others - 13.214 ha.
9d	Scrutiny of Annual return on afforestation	Within lease area 7800 nos. saplings and Outside lease area 600 nos. saplings. Total 8100 nos. saplings have been planted in 2018-19.	Total 8100 nos. saplings have been planted in 2018-19.	Total 8100 nos. saplings have been planted in 2018-19.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Quantity: 77200 tones, Grade: 45 to - 58% Fe	Quantity: 77200 tones, Grade: 45 to -58% Fe	Quantity: 77200 tones, Grade: 45 to -58% Fe

9f	Scrutiny of Annual return on ROM stock and/or graded ore	Closing stock: Lump Below 55%- 23599.080T, 55% to below 58%Fe- 28663.145T Fines , Below 55%- 31653.100T, 55% to below 58%- 20627.420T	After scrutiny of annual return, Violation letter issued in reference Grade-wise Production, Sales/Dispatches and ex mine price.	After scrutiny of annual return, Violation letter issued in reference Grade-wise Production, Sales/Dispatches and ex mine price.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex mine price: Lump Below 55%- Rs 1800.00 , 55% to below 58%Fe- Rs 2250.00 Fines , Below 55%- Rs 750.00 , 55% to below 58%- Rs 900.00	After scrutiny of annual return, Violation letter issued in reference Grade-wise Production, Sales/Dispatches and ex mine price.	After scrutiny of annual return, Violation letter issued in reference Grade-wise Production, Sales/Dispatches and ex mine price.
9h	Scrutiny of Annual return on fixed assets	Fixed asset as furnished in AR is Rs 153771030/-	Fixed asset as furnished in AR is Rs 153771030/-	Fixed asset as furnished in AR is Rs 153771030/-
9k	Scrutiny of Annual return on mining machineries	SHOVEL 2.0 cu.m- 2, FRONT END LOADER 2.5 cu.m-3, TRUCK 20T -4, WATER TANKER 10& 6KL-2	SHOVEL 2.0 cu.m- 2, FRONT END LOADER 2.5 cu.m-3, TRUCK 20T -4, WATER TANKER 10& 6KL-2	SHOVEL 2.0 cu.m- 2, FRONT END LOADER 2.5 cu.m-3, TRUCK 20T -4, WATER TANKER 10& 6KL-2

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed				Show couse position			
Rule NO.	Issued on	Compliance on		Rule NO.	Issued on	Compliance on	

Date :

(DAYANAND UPADHYAY)

Indian Bureau of Mines