

MCDR INSPECTION REPORT

Date of Inspection: 08.11.2024

General

S. N.	Particulars	Details
1	Name of the Mine	Roida II Iron Ore Mines
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Lease Area: 74.702 Ha (as per DGPS Survey & 74.867 Ha as per RoR) Non-Forest Land: 3.802 Ha (as per DGPS Survey & 3.832 Ha as per RoR) Forest Land: 70.900 Ha (as per DGPS Survey & 71.035 Ha as per RoR)
3	Minecode	30ORI08124
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/4329/2011
5	Name of the lessee, Address, phone, email and fax number	M/s. Narbheram Power & Steel Private Limited Address: Narbheram Complex Opposite of Barbil Cinema Hall; Main Road; Barbil
6	Village	Tanto
7	Taluka/Mandal	Barbil
8	District	Keonjhar
9	Pin code	758035
10	State	Odisha
11	Post office	Barbil
12	Nearest police station	Barbil
13	Nearest Railway station	Barbil
14	Date of Grant of Mining Lease	29.06.2020
15	Date of Execution	29.06.2020
16	Date of opening of Mine	15.10.2020
17	Date of first Renewal, if applicable and its period & expiry	NA; Lease valid upto 28.06.2070
18	Date of second Renewal, if applicable and its period & expiry	NA; Lease valid upto 28.06.2070
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA; Lease valid upto 28.06.2070
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Sri Vishal Atha 6th Floor; Avani Signature; 91 A/1 Park Street; Kolkata West Bengal – 700016 Phone: 9668560057 Email: npspl@athagroup.in
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Mr. Sadananda Rana Narbheram Complex Barbil Main Road; Opposite of Barbil Cinema Hall; Barbil Keonjhar; Odisha – 758035 Phone: 9937227948 Email: npspl@athagroup.in
22	Name of the Mines Manager with Address, phone,	Sri Prasanta Kumar Mohanty,

	email, fax number and date of appointment in mines	Narbheram Complex Barbil Main Road; Opposite of Barbil Cinema Hall; Barbil Keonjhar; Osidha – 758035 Phone: 7752011137 Email: npspl@athagroup.in
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Sri Sanjay Samal, B.Tech – Mining Engineer; 15 years's experience Narbheram Complex Barbil Main Road; Opposite of Barbil Cinema Hall; Barbil Keonjhar; Osidha – 758035 Phone: 8763029709 Email: npspl@athagroup.in
24	Name of the Geologist, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Sri Atanu Bandopadhyay, M.Sc – Geology; 12 years' experience. Narbheram Complex Barbil Main Road; Opposite of Barbil Cinema Hall; Barbil Keonjhar; Osidha – 758035 Phone: 9692688641 Email: npspl@athagroup.in
25	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55& carrying out their duties as per rule 56 & 57.	Yes, <u>Mining Engineer:</u> Sri Sanjay Samal, B.Tech – Mining Engineer; 15 years's experience Narbheram Complex Barbil Main Road; Opposite of Barbil Cinema Hall; Barbil Keonjhar; Osidha – 758035 Phone: 8763029709 Email: npspl@athagroup.in <u>Geologist:</u> Sri Atanu Bandopadhyay, M.Sc – Geology; 12 years' experience. Narbheram Complex Barbil Main Road; Opposite of Barbil Cinema Hall; Barbil Keonjhar; Osidha – 758035 Phone: 9692688641 Email: npspl@athagroup.in
26	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 11.11.2020
27	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Modified Mining Plan approved on 31.05.2021
28	Mineral(s) granted in lease and proved for mining	Iron Ore
29	Method of Mining(Open cast, Underground)	Open cast

30	Category (Fully Mechanised, Others or Manual)	Fully Mechanized
31	Captive/Non Captive	Captive

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 for, 2023-24	Actual work during 2023-24	Remark
1a	Backlog of previous year	14 Nos during 2023-24	13 Nos completed during the reporting year 2023-24	Exploration was continued to the current FY in the lease area.
1b	Exploration over lease area for Geological axis 1 or 2.	14 Nos during 2023-24	13 Nos completed during the reporting year 2023-24	Exploration was continued to the current FY in the lease area.
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NA	M/s. Gemco Kati Exploration Pvt. Ltd Expenditure: Rs. 5232715.310/-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	12.190	8.30	The area has been explored during the current FY and entire potential mineralized area has been explored under G1 level of exploration.
1e	Balance reserves as per latest approved document		Reserve: 17552910 tons	Reserve as on 01.04.2024
1f	General remarks of inspecting officer on geology, exploration etc.	There was a proposal of 14 nos of bore hole during the reporting year and the lessee could able to drill 13 nos of borehole during FY 2023-24. However, exploration was continued to the current FY in the lease area and entire potential mineralized area has been explored under G1 level		

		of exploration. As per submitted AR of 2023-24 about 17552910 tonsof iron ore reserve available in the mine.
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Development

S. N.	Item	Proposals for, 2023-24	Actual work during 2023-24	Remark
2a	Location of development w.r.t. lease area	Quarry-6 N2438310- N2438040/ E330795-E331410 Quarry-2 N2437940- N2437750/ E331595-E331790	Quarry-6: N2438422.3588- N2437990.2851/ E331525.1014- E330755.5532 Q-2: N2437991.6112- N2437343.7575/ E331916.5214- E331532.0286	The lessee has carried out the development works well within the proposed area but could not achieved the targeted proposal during the reporting year.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No Benches in Top Soil <u>Quarry-6</u> Mineral-13 OB-7 <u>Quarry-2</u> Mineral-7 OB-2	No Benches in Top Soil <u>Quarry-6</u> Mineral-11 OB-9 <u>Quarry-2</u> Mineral-6 OB-2	
2c	Stripping ratio or ore to OB ratio	1:0.0787	1:0.1191	
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	275400	305779.06	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	The lessee has partially deviated the production and development work against the approved proposal during the reporting year and the lessee could not achieve the targeted proposal during the reporting year. However, a violation letter under rule 11(1) of MCDR 2017 has been issued vide dated 20.12.2024 to the lessee in this regard.		

Exploitation

S. N.	Item	Proposals for, 2023-24	Actual work during 2023-24	Remark
3a	Number of pits proposed for production	2	2	
3b	Quantity of ROM mineral production proposed	3499950	3156759.700	
3c	Recovery of salable/usable mineral from ROM production	3021510	2609232.190	
3d	Quantity of mineral reject generation	478440	547527.510	
3e	Grade of mineral reject	Mineral reject is 45-	Mineral reject is 45-	

	generation and threshold value declared	55% Fe & threshold value is 45% of Fe content.	55% Fe & threshold value is 45% of Fe content.	
3f	Quantity of sub-grade mineral generation	NA	NA	
3g	Grade of sub-grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized	Mechanized	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	No such analysis or beneficiation study carried out for sub-grade mineral during the reporting year.	
3j	Provision of drilling & blasting in mineral benches	Deep Hole drilling was proposed keeping depth 6.6m, spacing up to 2.5m, burden 2m & blasting was proposed and few rock breakers will be used for hard Ore breaking.	Nonel type detonator is used in the hole of depth 6.6 m with spacing 2.5m and burden 2m for blasting to control noise and for better fragmentation. The rock breakers is being used for boulder breaking.	
3k	Provision of mining machineries in mineral benches	Deployment of mining machinery is proposed in mineral benches by Shovel Dumper Combination ROM will be excavated and loaded in the 30T/40T dumper by 2.5 m ³ to 3.8 m ³ excavators.	Deployment of mining machinery are being carried out in mineral benches by Shovel Dumper combination. ROM is excavated and loaded in the 20T dumper by 2.5 m ³ to 3.8 m ³ excavators.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, it is proposed to keep the bench height up to 6 mtr for both Ore & OB benches.	Height and width of benches were more or less in order as per the proposal of the approved document.	
3m	Total area covered under excavation/pits	Quarry-6 23.2569 Ha. Quarry-2 15.9911 Ha	Quarry-6 21.2480 Ha. Quarry-2 15.6970 Ha	
3n	Ore to OB ratio for the pit/mine	1:0.0787	1:0.1191	

	during the year			
3o	Total area put in use under different heads at the end of year	Mining: 38.470 Mineral storage: 10.871 Mineral Separation plant: 2.000 Roads: 3.429 Infrastructure (Workshop, administrative building etc.): 0.713 OB/waste dump: 11.369	Mining: 36.945 Mineral storage: 10.046 Mineral Separation plant: 2.000 Roads: 3.429 Infrastructure (Workshop, administrative building etc.): 0.713 OB/waste dump: 11.369	
3p	Production of ROM mineral during last six-year period, as applicable	2020-21: 1710490.000 2021-22: 3499750.000 2022-23: 3499940.000 2023-24: 3499950.000	2020-21: 1526679.190 2021-22: 2400428.560 2022-23: 2872227.900 2023-24: 3156759.700	
3q	General remarks of inspecting officer on method of	The lessee has partially deviated the production and development work against the approved proposal during the reporting year and the lessee could not achieve the targeted proposal during the reporting year. However, a violation letter under rule 11(1) of MCDR 2017 has been issued vide dated 20.12.2024 to the lessee in this regard.		

Solid Waste Management-Dumping

S.N	Item	Proposals for, 2023-24	Actual work during 2023-24	Remark
4a	Separate dumping of topsoil, OB & mineral reject (Rule 33, 37)	No Top soil generation was proposed. Separate dumping of OB & mineral reject was proposed for the reporting year.	Top soil generation is Nil during the reporting year. Separately dumping of OB, & mineral reject done as per proposal during the reporting year FY 2023-24.	
4b	Location of topsoil, OB & mineral reject dumps	OB Dump: - N2437840- N2437740 E331760- E332110	OB Dump: - N2438169.617- N2437654.8395 E332108.9725- E331736.4725	

4c	Number of dumps within lease area and outside lease area	1	1	
4d	Location of dumps w.r.t. ultimate pit limit	Outside UPL	Outside UPL	
4e	Number of active & alive dumps	1	1	
4f	Number of dead dumps	Nil	Nil	
4g	Number of dumps stabilised	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	Yes, No proposal for construction new Retaining wall or garland during the reporting year. Maintenance of already existing Retaining wall or garland drain 2181 m each was proposed.	Yes, No proposal for construction new Retaining wall or garland during the reporting year. Maintenance of already existing Retaining wall or garland drain 2181 m each are being carried out during reporting year FY 2023-24.	
4i	Length of Retaining wall or garland drain all along dump	Yes, No proposal for construction new Retaining wall or garland during the reporting year. Maintenance of already existing Retaining wall or garland drain 2181 m each was proposed.	Yes, No proposal for construction new Retaining wall or garland during the reporting year. Maintenance of already existing Retaining wall or garland drain 2181 m each are being carried out during reporting year FY 2023-24.	
4j	Number of settling ponds	Maintenance of existing 7 Settling Ponds were proposed.	Maintenance of existing 7 Settling Ponds are being carried out.	

4k	Specific comments of inspecting officer on waste dump management	The lessee has partially deviated the production and development work against the approved proposal during the reporting year and the lessee could not achieve the targeted proposal during the reporting year. However, a violation letter under rule 11(1) of MCDR 2017 has been issued vide dated 20.12.2024 to the lessee in this regard. The lessee has carried out maintenance work of existing retaining wall and garland drain of 2181 mtr. each and existing 7 nos of settling ponds during the reporting yea FY 2023-24.
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Solid Waste Management-Backfilling

S.N	Item	Proposals for, 2023-24	Actual work during 2023-24	Remark
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Proposal for backfilling of 82620 cum of waste over 0.76 Ha. of already exhausted area within the lease area.	Nil	
5b	Area under backfilling of mined out area	Proposal for backfilling of 82620 cum of waste over 0.76 Ha. of already exhausted area within the lease area.	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	Nil	Nil	
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	There was a proposal for backfilling of 82620 cum of waste over 0.76 Ha. of already exhausted area within the lease area. The lessee has not carried out backfilling within the lease area as per the proposal during the reporting year. However, a violation letter under rule 11(1) of MCDR 2017 has been issued vide dated 20.12.2024 to the lessee in this regard.		

Progressive Mine Closure Plan

N.	Item	Proposals for, 2023-24	Actual work during 2023-24	Remark
6a	Whether Annual report on PMCP	As per Rule 26(2)	The lessee has	

	submitted on time and correctly - Rule 26(2).	Annual PMCP report to be submitted before 1st day of July of Every Year.	submitted Annual PMCP report as per Rule 26(2) of MCDR 2017 within the stipulated period during the reporting year FY 2023-24.	
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	i. 0.76 Ha. & 82620 cum ii. Nil iii. Nil iv. Nil v. Nil vi. Nil	i. Nil ii. Nil iii. Nil iv. Nil v. Nil vi. Nil	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	i. Nil. ii. Nil iii. Nil iv. Nil v. Nil	i. Nil ii. Nil iii. Nil iv. Nil v. Nil	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	i) 1000 nos of saplings ii) Area: 0.10 Ha. iii) Plantation with 95 % survival	i) 1700 nos of saplings during reporting year and cumulatively 6650 saplings ii) Area: 0.116 Ha. iii) Plantation with 90 % survival	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Environmental monitoring in Core zone and buffer zone will be as per MOEFCC and SPCB guidelines.	Environmental monitoring in Core zone and buffer zone were carried out as per MOEFCC and SPCB guidelines during the	

			reporting year FY 2023-24.	
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations	There was a proposal for backfilling of 0.76 Ha. & 82620 cum waste during the reporting year, whereas, the lessee could not carry out backfilling back filling as per the proposal during the reporting year FY 2023-24. However, a violation letter under rule 11(1) of MCDR 2017 has been issued vide dated 20.12.2024 to the lessee in this regard. The lessee has carried out afforestation and environmental monitoring as per the proposal during the reporting year. The lessee has carried out plantation of 1700 nos of saplings over 0.116 Ha. @ 90% of survival rate during the reporting year FY 2023-24 and cumulatively 6650 saplings planted till the reporting year. PMCP proposals carried out by the lessee are more or less in order w.r.o. the proposals.		

Mineral Conservation

S.N.	Item	Proposals for, 2023-24	Actual work during 2023-24	Remark
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Saleable Ore: +54 % Fe, Mineral Reject: - +45 to 54% Fe were proposed.	Saleable Ore:+54 % Fe, Mineral Reject:- +45 to 54% Fe are being carried out.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanical	Mechanical	
7c	Different grade of mineral sorted out at mines	Saleable Ore: +54 % Fe, Mineral Reject: - +45 to 54% Fe were proposed.	Saleable Ore:+54 % Fe, Mineral Reject:- +45 to 54% Fe are being carried out.	
7d	Any beneficiation process at mines	Nil	Nil	No Such proposal during the reporting year.
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Saleable Ore: +54 % Fe, Mineral Reject: - +45 to 54% Fe stocks are being practiced. Further no beneficiation process was proposed. Only crushing and screening are being carried out during the reporting year.		

Environment

S.N.	Item	Proposals for, 2023-24	Actual work during 2023-24	Remark
8a	Separate removal and utilization of topsoil (Rule 36)	No such proposal for the reporting year.	Incidental occurrence of very small amount of clay soil have	

			been generated and concurrently utilized for plantation purpose till the date of inspection during the reporting year.	
8b	Concurrent use or storage of topsoil	No such proposal for the reporting year.	Incidental occurrence of very small amount of clay soil have been generated and concurrently utilized for plantation purpose till the date of inspection during the reporting year.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	Separate dumps for overburden and mineral reject stacks, waste rocks are proposed.	Separate dumps for overburden and mineral reject stacks, waste rocks are maintained.	All the waste (as per cutoff grade prescribed by IBM) are being dumped at designated OB Dump.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	During course of mining generated overburden /waste, etc. rock will be backfilled over exhausted pits over 0.76 Ha. area with 82620 cum of waste was proposed.	No backfilling was carried out.	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	During course of mining generated overburden /waste, etc. rock will be backfilled over exhausted pits over 0.76 Ha. area with 82620 cum of waste was proposed.	No backfilling was carried out.	
8f	Baseline information on existence of plantation & additional Plantation done	About 1000 nos of saplings over 0.10	About 1700 nos of saplings over	

		Ha. area were proposed to be planted @ with 95% survival rate.	0.116 Ha. area were planted @ with 90% survival rate during reporting year and cumulatively 6650 saplings were planted within the lease area.	
8h	Water sprinkling on roads to control airborne dust	Water sprinkling by water tanker over haul roads has been carried out during the reporting year.	Water sprinkling by water tanker and mobile water sprinklers over haul roads has been carried out by using 2 nos of water tankers and fixed water sprinkler system during the reporting year.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	The lessee could not carry out proposal of back filling during the reporting year. During the reporting year about 0.76 Ha. area with 82620 cum waste proposed to be backfilled, whereas no backfilling was carried out during the reporting year. A violation letter under rule 11(1) of MCDR 2017 has been issued vide dated 20.12.2024 to the lessee in this regard. However, the lessee has planted 1700 no of saplings over 0.116 Ha. with a survival rate of 90 % & cumulatively 6650 saplings were planted within the lease area. Water sprinkling by fixed water sprinkler system, water tanker and mobile water sprinklers over haul roads to control the airborne dust and to minimize the fugitive dust emission. This sustains the aesthetic beauty of the mine area.		

Compliance of Rule 45

S.N.	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted upto September 2024 A.R. Submitted upto 2023-24 Monthly returns and annual return for the reporting year have been submitted within the stipulated time period.		
S.N.	Item	Details given in A.R. for the year 2023-24	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and	1. Sri Prasanta Kumar Mohanty - Mines Manager	1. Sri Prasanta Kumar Mohanty - Mines Manager	

	Manager	2. Sri Sanjay Samal – Mining Engineer 3. Sri Atanu Bandopadhyay - Geologist. were present during the inspection.	2. Sri Sanjay Samal – Mining Engineer 3. Sri Atanu Bandopadhyay - Geologist. were present during the inspection.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Mining: 36.945 Mineral storage: 10.046 Mineral Separation plant: 2.000 Roads: 3.429 Infrastructure (Workshop, administrative building etc.): 0.713 OB/waste dump: 11.369	Mining: 36.945 Mineral storage: 10.046 Mineral Separation plant: 2.000 Roads: 3.429 Infrastructure (Workshop, administrative building etc.): 0.713 OB/waste dump: 11.369	
9d	Scrutiny of Annual return on afforestation	The lessee has planted 1700 no of saplings over 0.116 Ha. with a survival rate of 90 % & cumulatively 6650 saplings were planted within the lease area.	The lessee has planted 1700 no of saplings over 0.116 Ha. with a survival rate of 90 % & cumulatively 6650 saplings were planted within the lease area.	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	547527.510 tons of mineral reject of +45 to 54% Fe were generated during FY 2023-24.	547527.510 tons of mineral reject of +45 to 54% Fe were generated during FY 2023-24.	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	<u>Iron Ore:</u> Opening Stock: 966448.030 Production: 3156759.700 tons Closing Stock : 1826693.230	<u>Iron Ore:</u> Opening Stock: 966448.030 Production: 3156759.700 tons Closing Stock : 1826693.230	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Cost of production Rs. 4627.68/- furnished in submitted Annul Return for FY 2023-24.	Cost of production Rs. 4627.68/- furnished in submitted Annul Return for FY 2023-24.	
9i	Scrutiny of Annual return on fixed assets	Fixed Asset: Rs.387963954/-, furnished in the annual return of the reporting	Fixed Asset: Rs. 387963954/-, furnished in the annual return of the	

		year.	reporting year.	
9k	Scrutiny of Annual return on mining machineries	SHOVEL (MECHANICAL) 3.800 CUM 2 Non Electrical Opencast SHOVEL (MECHANICAL) 1.800 CUM 2 Non Electrical Opencast SHOVEL (MECHANICAL) 0.900 CUM 11 Non Electrical Opencast SHOVEL (MECHANICAL) 0.700 CUM 2 Non Electrical Opencast FRONT END LOADER 1.500 CUM 4 Non Electrical Opencast FRONT END LOADER 2.500 CUM 5 Non Electrical Opencast BLAST HOST DRILL 104.000 MM 2 Non Electrical Opencast AIR COMPRESSOR 200.000 CUM/MN 2 Non Electrical Opencast OTHERS (NON-ELEC.) 264.000 1 Non Electrical Opencast ROCK DRILL (NON- ELEC.) 0.000 MM 1 Non Electrical Opencast DUMPER 35.000 TONNE 35 Non Electrical Opencast WATER TANKER 10000.000 LITRE 3 Non Electrical Opencast DOZER 264.000 HP 1 Non Electrical Opencast GENERATOR (DIESEL) 82.500 KWH 1 Non Electrical Opencast GENERATOR (DIESEL) 160.000 KWH 1 Non Electrical Opencast OTHERS (NON-ELEC.) 150.000 3 Non Electrical Opencast OTHERS (NON-ELEC.) 350.000 2 Non Electrical Opencast CRUSHER 150.000 T/H 4	SHOVEL (MECHANICAL) 3.800 CUM 2 Non Electrical Opencast SHOVEL (MECHANICAL) 1.800 CUM 2 Non Electrical Opencast SHOVEL (MECHANICAL) 0.900 CUM 11 Non Electrical Opencast SHOVEL (MECHANICAL) 0.700 CUM 2 Non Electrical Opencast FRONT END LOADER 1.500 CUM 4 Non Electrical Opencast FRONT END LOADER 2.500 CUM 5 Non Electrical Opencast BLAST HOST DRILL 104.000 MM 2 Non Electrical Opencast AIR COMPRESSOR 200.000 CUM/MN 2 Non Electrical Opencast OTHERS (NON- ELEC.) 264.000 1 Non Electrical Opencast ROCK DRILL (NON-ELEC.) 0.000 MM 1 Non Electrical Opencast DUMPER 35.000 TONNE 35 Non Electrical Opencast WATER TANKER 10000.000 LITRE 3 Non Electrical Opencast DOZER 264.000 HP 1 Non Electrical Opencast GENERATOR (DIESEL) 82.500 KWH 1 Non Electrical Opencast OTHERS (NON- ELEC.) 150.000 3 Non Electrical Opencast OTHERS (NON- ELEC.) 350.000 2 Non Electrical Opencast CRUSHER 150.000 T/H 4	

		<p>Non Electrical Opencast</p>	<p>GENERATOR (DIESEL) 160.000 KWH 1 Non Electrical Opencast OTHERS (NON- ELEC.) 150.000 3 Non Electrical Opencast OTHERS (NON- ELEC.) 350.000 2 Non Electrical Opencast CRUSHER 150.000 T/H 4 Non Electrical Opencast</p>	
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