





भारत कोकिंग कोल लिमिटेड (कोल इंग्डिंग लिमिटेड की एक अनुकंगी कंपनी) Bharat Coking Coal Limited

(A Subsidiary of Coal India Limited) (एक मिनीरल कंपनी / A Miniratna Company)

(भारत सरकार का उपक्रम / A Government of India Undertaking)

Date: 13.09.2024

Annexue - 2

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Office of the General Manager, Bastacolla Area, Dhanbad-828111

Ref. No: BCCL/BA/PO/2024-25/767

To The Divisional Forest Officer Forest Division, Dhanbad

Sub: ATR/Compliance Report i.r.o of diversion of 234.08 Ha of Forest Land for Coal Mining of Open cast Mining Project in Village Ghanoodih and Bera in Favour of M/S BCCL, Dhanbad.

Dear Sir,

Please find enclosed herewith, ATR/Compliance report by Bharat Coking Coal Limited for all conditions set by Ministry of Environment and Forest along with requisite enclosures.

This is for your kind information, please.

Thanking You,

Enclosures: as above

Yours sincerely

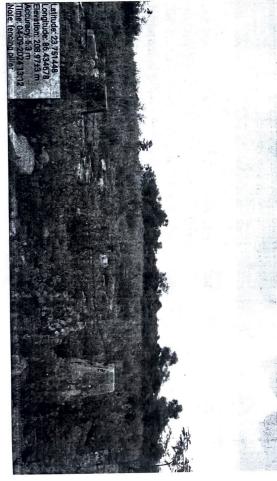
Project Officer परियोशीना एवं धिकार Project Officer कुईयॉ कोलियरी Kuya Colliery

Copy to:

1) MoEFCC, Integrated Regional Office, Forest Division, Bungalow No. A-2, Shyamali Colony, Doranda, Ranchi, Jharkhand 834002

of Stage II Forest clearance for diversion of 234.08 ha. of Forest Land for Opencast mining project in Ghanoodih Action taken/Compliance report by Bharat Coking Coal Limited (BCCL) for the conditions set by MoEF in respect r of M/s. Bharat Coking Coal limited (BCCL) in Dhanbad district of Jharkhand.

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cost.	b. Fencing, protection and regeneration of the safety zone area shall be done at the project	Legal status of forest land remains unchanged. a. Compensatory afforestation shall be raised and maintained by the State Forest Department at the project cost.	SI. Condition Compli
	63 Nos. of pillars in Safety zones were erected at the Project cost. Safety zone =0.98 Ha. Fencing done.	BCCL has deposited Rs. 2,66,50,578 towards compensatory afforestation (DD no. 441900 dated 17.09.2010, drawn in favor of Corporation Bank Compensatory Afforestation Fund Jharkhand AC C/A 1587, payable at New Delhi).	Compliance / Action taken report



परियोजना पदाधिकारी Project Officer Project कोलियरी कुईयों कोलियरी Kuya Colliery The boundary of safety zone shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar.

The boundary of safety zone shall be demarcated on ground at the project cost, by erecting four feet erecting four feet erecting four feet of the project cost, by erecting four feet erecting four feet erecting four feet of the pillars, each inscribed with its serial number, forward and back demarcated feet of the pillar to pillar.



The boundary of Safety Zone was demarcated on ground at the project cost, by erecting 63 Nos. of pillars over 1310.00 m.

204 Nos.[Dobari village(171) and Bera Village(33)] of Pillars were erected as demarcated pillar over Forest Land.

रियोजना पदाधिकारी Project Officer कुईया कोलियरी कुईया Colliery

The following activities shall be undertaken by the User Agency under supervision of the State Forest		
N .	धनबाद, झारखंड, भारत नाम-रहित सड़क, झारखंड 828106, भारत Lat 23.751714° Long 86.434932° 28/06/23 10:46 AM GMT +05:30	

w Department at the project cost:

(i) Proper mitigative measures to minimize soil erosion and choking of streams shall be prepared and implemented.

complying with the recommendations. Proper mitigative Measures are being mentioned below:taken for prevention of Soil Erosion, Choking of Streams etc. The details are as The study has been already conducted by Indian School of Mines and we are

- Afforestation over OB dumps/ mined out degraded land for arresting soil erosion: After receiving Stage-I approval, till the year 2023-24, a total of 26.77 Ha (Forest Department – 9.7 Ha, Departmental – 17.07 Ha)
- Grassing: Grass seeds are being broadcasted on Slopes of OB Dumps to minimize Soil Erosion. Details mentioned below:

plantation has been done in Bera, Dobari, Kuya and Ghanoodih colliery.

FY	Name of project	Area (in Ha)
2019-20	Bera	2
2020-21	Bera	5
2021-22	Dobari	5
2022-23	Kuya	5
2023-24	Bera	သ
2024-25	Dohari	5

परियोजनी पदाधिकारी Project Officer कईयाँ कोलियरी

(111) Construction of check dams, retention/foe The details of Const	Construction of short down motortion/too	5 800 (Bi		4 15 (B) Ga	3 60 (B Ga	2 50 (Ir Ga		no G	BCCL thropelow:	departmenta	species and sowing of seeds to arrest soil erosion.	(ii) Planting of adequate drought hardy plant • Till 2021-24	5. Construction	• Sedi • Tistr	4. Construction	Chatkari Jo		3 Construction
ie details of Construction of	a details of Construction of	(Bamboo gabion)		(Bamboo Gabion)	600 (Bamboo Gabion)	(Iron Gabion)	500 (Bamboo Gabion)	Gabion	BCCL through State below:	departmentally).	26.77 Ha, afforestation Department, Dhanbac	• Till 2023-24 (after Sta	_	SedimentationTisra Kuya por	Constr	Chatkari Jore at cost of Rs. 19,74,504.		Construction of
The details of Construction of check dams, retention/ toe walls, embankment are	check dome retention / to 11-	2024-25 (Work Eco-park, Bera Colliery Awarded Coal Depot of Kuya Colliery to Jharia Baliapur Road	BNR Railway siding(within siding premises)	E	 Bera Colliery office to Amtal High school Bera Colliery office to Patrakulhi 			Year Location	BCCL through State Forest Department. The details is as tabulated below:	lastation avenue plantation has also	26.77 Ha, afforestation over 9.70 Ha has been done through State Forest Department, Dhanbad and afforestation over 17.07 Ha has been done	Till 2023-24 (after Stage I FC), afforestation done over 26.77 Ha. (Out of	 Pond (One) at Bera Colliery Construction of check dams: Check dam constructed over Chatkari 	Sedimentation pond (1 wo) at Bastacolla Colliery Tisra Kuya pond (One) at Kuya Colliery	mentation ponds:	fRs. 19,74,504.	Retention wall of about 291.13 m length has been constructed along	toe wall/ retention wall along OB dumps &

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परियोजना चेनेछिकारी Project Officer खुईयों कोलियरी Kuya Colliery

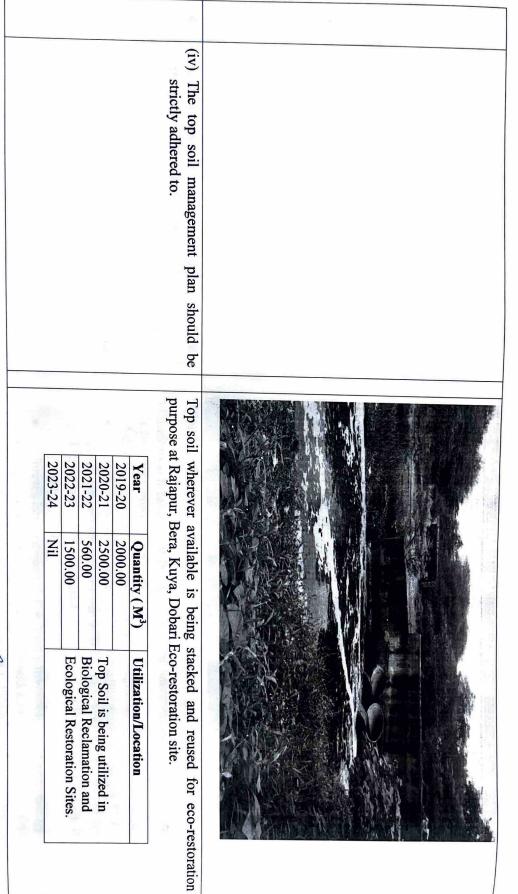
walls to arrest sliding down of the excavated material along the contour.

as :-

- Construction of check dams: Check dam constructed over Chatkari
 Jore at cost of Rs.17.5 Lakhs opposite of Govardhan Eco-park, Bera.
 Construction of refertion/foe walls: Refertion wall of about 291.13 m
- Construction of retention/toe walls: Retention wall of about 291.13 m length has been constructed along Chatkari Jore at cost of Rs. 19,74504.



परियोजना पदाधिकारी Project Officer कुईया कोलियरी Kuya Colliery





approval, in consultation with the State Forest roads outside the lease area diverted under this blanks within the lease area, as well as along the Department at the project cost. community, the Afforestation measures in the User Agency shall undertake by involving local Whenever possible and technically feasible, the & Ghanoodih Colliery as detailed below: Afforestation measures are being taken in the leasehold area of Bera, Dobari, Kuya Being Complied. Afforestation over OB dumps/mined out degraded land done is detailed below: In addition to block plantation, avenue plantation has also been done by BCCL through State Forest Department. The details is as tabulated below: Afforestation works awarded to State Forest department involves the Afforestation measures in the blanks involving local community taken up week, Ek Ped Maa ke Naam etc. Abhiyan, Van Mahotsav, Swachhta Pakhwada, Vigilance awareness during various occasions such as World Environment Day, Vriksharopan departmentally). Till 2023-24 (after Stage I FC), afforestation done over 26.77 Ha. (Out of Department, Dhanbad and afforestation over 17.07 Ha has been done 26.77 Ha, afforestation over 9.70 Ha has been done through State Forest Communities to execute the plantation work at Project Cost.

	6	S								-	
	The approval under the Forest (Conservation) Act, 1980 is subject to the clearance under Environment (Protection) Act, 1986 and any other	The User Agency shall furnish an undertaking to pay the additional NPV, if so determined, as per the final decision of Hon'ble Supreme Court of India.									
	EC obtained vide Further, EC amende	BCCL has already de (DD No. 441899 Compensatory Affor Delhi.			5 800 (Bamboo	4 1500 (Bamboo	Gabion)		_	1 500	SI Gabion
5	Ref No. ed in15.06.2	deposited the deposited the deposited the deposited the deposite of the deposite deposite deposited the deposited		(Work Awarded)	2024-25	2020-21	2018-19	2018-19		2015-16	Year
7	EC obtained vide Ref No. J-11015/298/2010-IA-II(M) Dated 15.02.2013. Further, EC amended in 15.06.2018, 15.11.2020 & 28.03.2023.	BCCL has already deposited the amount of Rs. 14,65,34,080 towards NPV (DD No. 441899 dated 17.09.2010, in favour of Corporation Bank Compensatory Afforestation Fund Jharkhand AC C/A 1587, payable at New Delhi.		~	Chandmari colliery to Govardhan Eco-park. Bera	Rajapur/ South Jharia office to BNR Railway siding (along roads)	 Bera Colliery office to Amtal High school Bera Colliery office to Patrakulhi 	PMCH,DGMS office, Coal Board residence area, Housing Board colony		Patrakulhi-Barmassia to Belgaria road	Location

9		∞	7	
No damage to the flora and fauna of the area shall be caused.		Any tree felling shall be done only when it is unavoidable under strict supervision of State Forest Department.	The period of diversion of the said forest land under this approval shall be for a period coterminus with the period of the mining lease proposed to granted under the Mines and Minerals (Development & Regulating) Act, 1957, or Rules framed there under, subject to a maximum period of 30 years.	Acts/Regulation/Rules.
Agreed. No damage to the flora and fauna of the area shall be caused by BCCL. In addition, BCCL is doing biological reclamation through eco-restoration method, in which land is being converted to a form to replicate natural forest which attract flora and fauna leading to restoration of bio-diversity of area which is being monitored by FRI, Dehradun. Various species of flora (Psidium guajava, Albezia lebbeck, Maduca indica, Aegle marmelos, Pongamia pinnata, Heterophragma adenophyllum, Dalbergia sisoo, Ziziphus jujube) & fauna have made the site as their habitat as reported by FRI, Dehradun. Two nos. of eco restoration park viz. Govardhan park (6.70 Ha) & Netaji Subhas Chandra Bose park (2.50 Ha) have been developed. Land is being converted to replicate natural forest which attract flora and fauna leading to restoration of bio-diversity.	The details of compliance of the tree felling permission granted by HPC are as follows: • Bera (5 Ha): 12500 plants (Departmental) • Bastacolla Colliery (5 Ha): 12500 plants (Plantation by Forest Department is proposed in the financial year 2024-25) • 800 bamboo gabion plantation (Plantation by Forest Department is proposed in the financial year 2024-25) • Kuya Colliery (5 Ha): Plantation of 12500 plants is being proposed in the financial year 2025-26	Tree felling is always done after receiving the consent from State Forest Department. As per the tree felling permission granted by HPC, GoJ, vide no TCF-03 dated 27.01.2023; 37680 no. of trees are to be planted in lieu of felling of 3768 no. of trees.	Diversion is Valid up to 11.04.2042.	

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	13		12	11	10	2
	The user agency will assist the State Government in conservation and preservation of flora and fauna of the area in accordance with the plan prepared by		Demarcation of mining lease area will be done on the ground at project cost using four feet high reinforced cement concrete pillars with serial numbers, forward & back bearings and distance from pillar to pillar.	The user agency shall provide fuel wood preferably alternate fuel to the labourers working at the site to avoid damage/felling of trees.	No labour camps shall be set up inside the forest area.	
Project Officer 10 खुईयों कोलियरी Kuya Colliery	Agreed. परियोजना पदाधिकार	Amministra 19227 - Amministra 19	204 Nos.[Dobari village(171) and Bera Village(33)] of Pillars were erected as demarcated pillar over Forest Land.	BCCL is providing alternate fuel to the labourers working at the site to avoid damages/felling of trees as per the existing policy of Coal India Limited in this regard.	No labour camps have been set up inside the forest area.	

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activities are satisfactorily executed.	may direct that the mining activities shall remain	phased manner and after taking due care for reclamation of the mined over area. The concurrent reclamation plan as per the approved mining plan shall be executed by the User Agency from the very first year, and an annual report on implementation thereof shall be submitted to the Nodal Officer, Forest (Conservation) Act, 1980, in the concerned State Government and the concerned Regional Office of the Ministry. If it is found from the annual report that the activities indicated in the concurrent reclamation plan are not being executed by the User Agency, the Nodal Officer or Chief Conservator of Forests (Central)	The user agency shall undertake mining in a	The User Agency will ensure the dumping of OB as per the approved phased reclamation plan.	The forest land shall not be used for any purpose other than that specified in the proposal.	the Chief Wildlife Warden of the State.
2019-20 Bera 2 2020-21 Rera 5	FY Name of project Area (in Ha)	given in Mining Plan. Final Reclamation will be done after complete exhaustion of coal. However, afforestation measures are being taken in the leasehold area of Bera, Dobari, Kuya & Ghanoodih Colliery as detailed below: • Afforestation over OB dumps/mined out degraded land: Till 2023-24 (after Stage I FC), afforestation done over 26.77 Ha. (Out of 26.77 Ha, afforestation over 9.70 Ha has been done through State Forest Department, Dhanbad and afforestation over 17.07 Ha has been done departmentally). • Grassing: Grass seeds are being broadcasted on Slopes of OB Dumps to minimize Soil Erosion. Details mentioned below:	Forest land is under mining operation and extraction has not been compressed up to	Agreed and is being Complied. OB dumping is being dolle as per approved Mining plan.	Agreed and is being Complied.	

FY	Name of project	Area (in Ha)
2019-20	Bera	2
2020-21	Bera	5
2021-22	Dobari	5
2022-23	Kuya	5
2023-24	Bera	သ
2024-25	Dobari	5

Avenue Plantation: In addition to block plantation, avenue plantation has also been done by BCCL through State Forest Department. The details is as tabulated below:

			_	_
2		1	no	S
500	(Bamboo Gabion)	500		Gabion
2018-19		2015-16		Year
2018-19 PMCH, DGMS office, Coal Board residence area, Housing		2015-16 Patrakulhi-Barmassia to Belgaria road		Location

परियोजनी पदाधिकारी
Project Officer
कुईयाँ कोलियरी
Kuya Colli

Cleaning of drain and ash Kuya colliery Cleaning of Jal Kumbhi RoCP Cleaning of drain and repairing of drain in colony at Durga Mandir Kuya Cleaning of drain RoCP Cleaning of ala Kumbhi RoCP Cleaning of arain mights Cleaning of arain and repairing drain Victory colliery Cleaning repairing drain Victory colliery Colliery to Govardhan Eco-park (along roads) A	1,16,764	Cleaning repairing drain matkuria		
Colliery office to Amtal High school (Bamboo Gabion)	1,66,985	Т		
(Iron Gabion) Control Colony	4,67,831	Total		
(unit Gabion) Cabion Cabion Cabion	1,61,869	Cleaning and repairing of drain in colony at Durga Mandir Kuya		
Cleaning of Chatkari Jor Bera Cleaning of Cleaning	22,173	Cleeaning of pond near singh nagar		
Cleaning of Chatkari Jor Bera Colliery Cleaning of Cleaning of Jal Kumbbi Railing of Cleaning of Jal Kumbbi Railing of Cleaning of Jal Kumbbi Railing of Cleaning of Jal Kumbbi Raciliary of Cleaning of Jal Kumbbi RACP Chatkari Jor Bera Cleaning of Jal Kumbbi RACP Chatkari Jor Bera Colliery of Calcaling of Cleaning of Jal Kumbbi RACP Chatkari Jor Cleaning of Jal Kumbbi RACP Chatkari Jor	1,05,738			
Cleaning of Chatkari Jor Bera Colliery Cleaning of Chatkari Jor Bera Colliery Cleaning of Chatkari Jor Bera Colliery Cleaning of Chatkari Jor Bera Colliery Bora Colliery office to Patrakulhi (Bamboo 2024-25 • Rajapur South Jharia office to BNR Railway (along roads) • BNR Railway siding(within siding premises) • Chandmari colliery South Jor Baria office to Patrakuh • Coal Depot of Kuya Colliery to Govardhan Eco-park, • C	1,31,423			
Cleaning of drain and ash Kuya colliery Cleaning of drain and ash Kuya colliery	46,628	Cleaning of Chatkari Jor Bera		
Cleaning of drain and ash Kuya colliery Cleaning of drain and ash Kuya colliery				
(Bamboo (Work (Work (Work (Colliery (Colliery (Colliery (According) (According	3,57,212	Total		
Gabion 2018-19 • Bera Colliery office to Amtal High school (Bamboo Gabion) 4 1500 2020-21 • Rajapur/ South Jharia office to BNR Railway (Bamboo Gabion) 5 800 (Bamboo Gabion) 2024-25 • Chandmari colliery to Govardhan Eco-park, (Work gabion) awarded • Coal Depot of Kuya Colliery 6 Colliery 2020-21 8 Rehabilitation of people is being done under Jharia Master Plan'2008 who were, Jharia Master Plan is under process of revision. Being complied. De-siltation have been done in three ponds - Amtal village (02), Bastacolla De-silting of the village tanks and water bodies is being done as per required and request from local bodies. In addition, regular cleaning of jores /drains/bodies is being done during every monsoon. The details are as mentioned by Sear Cleaning and repairing of drain Murlinagar Cleaning collection and disposal of domestic waste, Drain 2020-21 Cleaning separa colony 2020-21 Cleaning bear colony 2020-21 2020	69,598.12	Cleaning of drain and ash Kuya colliery		
(tron Gabion) 3 600 2018-19 Bera Colliery office to Amtal High school (Bamboo (Bamboo Gabion) 4 1500 Calony Gabion) 5 800 (Bamboo Gabion) Every Gabion) 6 Bera Colliery office to Amtal High school (Bamboo (Bamboo Gabion) 6 Calong roads) 6 Chandmari colliery to Govardhan Eco-park (Work gabion) 8 Colliery Awarded) 6 Coal Depot of Kuya Colliery to Jharia Baliapur R 8 Rehabilitation of people is being done under Jharia Master Plan 2008 to Jharia Master Plan is under process of revision. 8 Being complied. De-siltation have been done in three ponds- Amtal village (02), Bastacollar De-silting of the village tanks and water bodies is being done as per requand request from local bodies. In addition, regular cleaning of jores /drain bodies is being done during every monsoon. The details are as mentioned 8 Report on Drain/Jor/pond repairing and/or Cleaning Name of Work Cleaning and repairing of drain Murlinagar	83,058	Cleaning ,collection and garbage Bera colony		
	2,04,556	Cleaning and repairing of drain Murlinagar		
	Value			
		Report on Drain/Jor/pond repairing and/or Cleaning		
	ed below:	bodies is being done during every monsoon. The details are as mentione	bodies, whenever required.	
0.37000	ins/ water	De-silting of the village tanks and water bodies is being done as per re-	km from the mining lease boundary so as to	
	mirement	De-siltation have been done in three ponds- Amtal Village (UZ), Dasiaco	village tanks and water bodies located within five	
		Being complied.	18 The user agency shall undertake de-silting of the	_
			Government.	
		However, Jharia Master Plan is under process of revision.	sonance with	
		approved by both Govt. of India as well as Govt. of Jharkhand.	per the R&R	
(Bamboo Gabion) 4 1500 Gabion) 5 800 (Bamboo Gabion) 5 800 (Bamboo Gabion) 5 800 (Bamboo Gabion) 6 1500 Cabion) 6 1500 Cabion) 7 1500 Cabion) 6 1500 Cabion) 7 1500 Cabion) 7 1500 Cabion) 8 1500 Cabion) 9 1500 Cabion) 1 1500 Cabion) 1 1500 Calliery office to Amtal High school Obera Colliery office to Patrakulhi Obera Colliery office to Patrakulhi Obera Colliery office to Patrakulhi Obera Colliery office to Amtal High school Obera Colliery office to Patrakulhi Obera Colliery office to Patrakulhi Obera Colliery office to Patrakulhi Obera Colliery office to Amtal High school Obera Colliery office to Amtal High school Obera Colliery office to Patrakulhi Obera Colliery office to Patrakulhi Obera Colliery office to BNR Railway siding Obera Colliery office to BNR Railway siding Obera Colliery office to Amtal High school	which is	Rehabilitation of people is being done under Jharia Master Plan'2008	17 The user agency will implement the R&R Plan as	_
(Bamboo Gabion) 1500 Gabion) 2018-19 • Bera Colliery office to Amtal High school • Bera Colliery office to Patrakulhi • Bera Colliery office to Patrakulhi • Rajapur/ South Jharia office to BNR Railway (along roads) • BNR Railway siding (within siding premises) • Chandmari colliery to Govardhan Eco-park,	Road	gation) (work Colliery awarded) • Coal Depot of Kuya Colliery to Jharia Baliapur		
(Iron Gabion) 600 Cabion) Cabion Cabion) Cabion Cabion) Cabion Cabi		800 (Bamboo 2024-25 • Chandmari colliery		
(Hon Gabion) BG 600 2018-19 •1 (Bamboo Gabion) 2020-21 •1 (Bamboo (Bamboo (Bamboo))		BNR Railway siding(
(Iron Gabion) BG 600 2018-19 • 1 (Bamboo • 1 Gabion) 2020-21 • 1		boo		
(Iron Gabion) BG 600 2018-19 •) (Bamboo •) Gabion)	ay siding	1500 2020-21		
(Iron Gabion) Bo		•		
(Iron Gabion)		600 2018-19		
_		(Iron Gabion) Bc		

		Regional Office, Bhubaneswar regularly.
		conditions to the State Government and to the
		compliance report in respect of the above
	Being complied. Kegular compliance is being submitted.	20 The user agency shall submit the annual
	in the state of th	applicable.
		flora and fauna in the forest area shall also be
		time to time for protection and improvement of
		Regional Office, Bhubaneswar, may impose from
	Agreed.	19 Any other condition that the CCF (Central),
22,22,030	GRAND TOTAL	
2,17,702	TOTAL	
2,17,702	2024-25 Cleaning of tisra jore at kuya	
11,79,285	TOTAL	
1,61,209	Cleaning of drain no 01 at bastacolla colliery	
2,18,038	Repairing and cleanng of drain MOCP	
20,589	Cleaning of pond Singhnagar	
1,/9,645	Repairing and cleanng of drain bera modal colony	
1,61,772	Cleaning of drain no 2 Bastacolla colliery	
1,54,283	Cleaning of Tisra Jore Kuya	

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