झारखण्ड सरकार वन, पर्यावरण एवं जलवायु परिवर्तन विमाग

पत्र संख्या-वन भूमि-10/2021- 487/ व०प०, राँची, दिनांक- 23/12/2024

जलज कुमार, विशेष कार्य पदाधिकारी।

सेवा में.

सहायक वन महानिरीक्षक, भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, इन्दिरा पर्यावरण भवन, अलीगंज, जोरबाग रोड, नई दिल्ली—110003.

By entail on

विषय :- एन०टी०पी०सी० लिमिटेड के पकरीबरवाडीह कोल खनन् उत्तरी पश्चिमी परियोजना हेतु 331.198 हे0 वनभूमि अपयोजन का प्रस्ताव के संबंध में।

प्रसंग:- भवदीय पत्र सं0-8-56/2009-FC-(Vol) दिनांक-26.05.2023

महाशय,

निदेशानुसार उपर्युक्त विषयक प्रासंगिक पत्र के आलोक में प्रधान मुख्य वन संरक्षक—सह— कार्यकारी निदेशक, बंजर भूमि विकास बोर्ड, झारखण्ड, राँची के पत्रांक—1067 दिनांक—10.12.2024 से प्राप्त स्टेज—I की शर्तों का अनुपालन प्रतिवेदन की छायाप्रति (अनुलग्नक सहित) संलग्न है।

अनुरोध है कि विषयक प्रस्ताव पर अग्रत्तर कार्रवाई करने की कृपा की जाय। अनु0—यथोक्त।

विश्वासभाजन

विशेष कार्य पदाधिकारी।

कार्यालय : प्रधान मुख्य वन संरक्षक—सह—कार्यकारी निदेशक, बंजर भूमि विकास बोर्ड, झारखंड, राँची।

वन भवन, डोरण्डा, राँची, झारखंड, पिन-834002, Email: pecf-ednodal@gov.in

पत्रांक :- 1067

दिनांक :- 10/12/2024

विकार निरम्पिन

सचिव,

वन, पर्यावरण एवं जलवायु परिवर्तन विभाग, झारखण्ड सरकार, राँची।

एन0र्टी0पी0सी0 लिमिटेड के पकरीबरवाडीह कोल खनन उत्तरी पश्चिमी परियोजना हेतु 331.198 हे0 वनमूमि अपयोजन प्रस्ताव के संबंध में।

 भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली का पत्रांक F.No.-8-56/2009-FC (Vol) दिनांक 26.05.2023

 क्षेत्रीय मुख्य वन संरक्षक, हजारीबाग का पत्रांक 120 दिनांक 12.01.2024, 587 दिनांक 28.03.2024 एवं 2080 दिनांक 29.11.2024

€ M/\ महाशय.

उपर्युक्त विषयक संबंध में सूचित करना है कि भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली के प्रासंगिक पत्र—1 द्वारा एन०टी०पी०सी० लिमिटेड के पकरी बरवाडीह उत्तरी पश्चिमी कोल माईनिंग खनन परियोजना हेतु 331.198 हे० वनमूमि अपयोजन प्रस्ताव में स्टेज—I की स्वीकृति 32 शर्तों के साथ प्रदान की गयी है, जिसका अनुपालन प्रतिवेदन क्षेत्रीय मुख्य वन संरक्षक, हजारीबाग के पत्रांक 120 दिनांक 12.01.2024 द्वारा प्राप्त हुआ था। उक्त स्टेज—I के अनुपालन प्रतिवेदन में कितपय विन्दुओं पर किमीयाँ रहने के कारण इस कार्यालय के पत्रांक 101 दिनांक 01.02.2024 द्वारा पृच्छा की गयी। इस संबंध में भेत्रीय मुख्य वन संरक्षक, हजारीबाग के पत्रांक 587 दिनांक 28.03.2024 द्वारा निराकरण प्रतिवेदन समर्पित किया गया, जिसे अपूर्ण रहने के कारण पुनः इस कार्यालय के पत्रांक 343 दिनांक 12.04.2024 द्वारा पृच्छा की गयी। क्षेत्रीय मुख्य वन संरक्षक, हजारीबाग के पत्रांक 2080 दिनांक 29.11.2024 (छायाप्रति संलग्न) द्वारा विषयगत वनभूमि अपयोजन प्रस्ताव में पृच्छा का निराकरण सहित स्टेज—I के 32 शर्तों का बिन्दुवार संशोधित अनुपालन प्रतिवेदन पाँच प्रतियों में इस कार्यालय को समर्पित किया गया है।

क्षेत्रीय मुख्य वन संरक्षक, हजारीबाग के प्रतिवेदनानुसार स्टेज—I का संशोधित अद्यतन अनुपालन निम्नवत् प्रतिवेदित है :--

	SL. No.	Conditions Stipulated in FC	Compliance status	DFO Comments	CF
सचिव थ्रोड इ. पर्यादरण एवं जलवायु क	iग ,	Legal status of the diverted forest land shall remain unchanged. विमान,	Agreed to comply. Undertaking in this regard is attached as Annexure-1.	The user agency agreed to this condition and submitted an undertaking for the same. Undertaking from the user agency is attached as Annexure-1.	I agree with the containents of DFO.
सारखण्ड,	2500	field of Soil Engg, Agriculture Engg, Hydrology, GIS & Geology shall be constituted under chairpersonship of DFO concerned. The team shall continuously study the area for assessing the impact of ongoing mining on various environmental/ ecological parameter and submit findings report to IRO annually.	Complied. A committee of experts under chairmanship of DFO(West), Hazaribagh has been constituted by Regional Chief Conservator of Forest, Hazaribagh vide notification no. 17 dt 07.06.2024 (Copy of letter is attached as Annexure-2)	This condition has been complied,	I agree with the comments of DFO.
Æ	iii.	UA shall generate drone survey data on spatial and seasonal status of Khorra Nalla & Pakwa Nalla	Agreed to comply. Work for the study has been awarded to IIT-ISM vide order no. TSPPL/Consultant/PBNW/23-24/01	The user agency has agreed to comply this condition and submitted an undertaking that drone	I agree with the comments of DIYO.

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SL	Conditions Stipulated in	Compliance status	DFO Comments	1
No.	watersheds for having first- hand information on the current status of the Khorra and Pakwa Nalas watershed parallel to the engoing mining activities. For this purpose, a reputed institute, preferably located in the State, may be engaged for data collection, processing and interpretation in effective and exclusive manner.	dt 18.08.2023 (attached as Annexure-3). Drone Survey data generation on spatial and seasonal status of Khorra Nala & Pakwa Nala watersheds is under progress. Executive summary of the report is attached as Annexure-4 The undertaking in this regard is attached as Annexure-5.	survey data on spatial and seasonal status of Khorra Nalla & Pakwa Nalla watersheds shall be generated and work has been given to IIT-ISM. Executive summary of study has been attached as Annexure-4 Undertaking from the user agency is attached as Annexure-5	
	Study of river-aquifer interaction using non-invasive geo-physical technique in 10 km radius of NTPC Pakri Barwadih Coal mine site shall be conducted to facilitate the delineation of groundwater potential zones, ground water variation in these zones and help in water budgeting to the surroundings.	Agreed to comply. Work for the study has been awarded to IIT-ISM vide order no. TSPPL/Consultant/ PBNW/23-24/01 dt 18.08.2023 (attached as Annexure-3). Study has been completed and report on River-aquifer interaction using non-invasive geo-physical technique in 10 km radius of Pakri Barwadih Coal mine is under preparation. Same shall be submitted to the Forest Department after finalization of the report. The undertaking in this regard is attached as Annexure-6.	The user agency has agreed to comply with this condition and submitted an undertaking for the same. Undertaking from the user agency is attached as Annexure-6.	the commen of DFO
	Since the area is rich in species composition therefore Reclamation, Eco- restoration, and Conservation Plan shall be prepared by conducting proper study before initiating mining activities.	Complied. Work for the study has been awarded to IIT-ISM vide order no. TSPPL/Consultant/ PBNW/23-24/01 dt 18.08.2023 (attached as Annexure-3). Study for reclamation, Eco restoration, and Conservation Plan is completed and report is submitted to Forest Department vide our letter ref. NTPC/PB-NW/2024/233 dt 30.03.2024 (copy of letter is attached as Annexure-7)	The condition has been complied and user agency has submitted a report on Reclamation, Ecorestoration, and Conservation Plan Copy of report submission letter is attached as Annexure-7.	the commen of DFO
ėli.	The Catchment Area Treatment Plan shall be prepared and implemented at the cost of the user agency for the treatment of all Nallahs/streams pertaining to instant mining lease/project area. The commensurate funds shall be deposited in National Authority prior to Stage-II approval.	Agreed to comply. Work for the study has been awarded to IIT-ISM vide order no. TSPPL/Consultant/ PBNW/23-24/01 dt 18.08.2023 (attached as Annexure-3). The draft Catchment Area Treatment Plan was presented before PCCF-Hoff on 19.07.2024. Some of the suggestions mentioned as per Minutes of meeting were incorporated and revised plan was submitted to the DFO(W), Hazaribagh on 30.08.2024 vide our letter ref NTPC/PB-NW/2024/279 dt 30.08.2024 (Copy of our letter is attached as Annexure-8)	The user agency has agreed to comply with this condition and also submitted the Catchment Area Treatment Plan. Copy of report submission letter is attached as Annexure-8.	I agree with the comments of DFO.
	An integrated soil and water conservation plan shall be prepared and implemented at the cost of the user agency for the entire landscape affected by the mining activities of the User agency in the region.	Agreed to comply. Work for the study has been awarded to IIT-ISM vide order no. TSPPL/Consultant/ PBNW/23-24/01	The user agency has agreed to comply this condition and has submitted the Integrated Soil & Water conservation Plan.	agree with the comments of DFO.

SL.	Conditions Stipulated in	Compliance status	DFO Comments	CF Comments
io.	FC	The draft integrated soil and water was presented before PCCF-Hoff on 19.07.2024. Some of the suggestions mentioned as per Minutes of meeting were incorporated and revised plan was submitted to the DFO(W), Hazaribagh on 30.08.2024 vide our letter ref NTPC/PB-NW/2024/279 dt 30.08.2024. (Copy of our letter is attached as Annexure-8)	Copy of report submission letter is attached as Annexure-8.	
riii.	The mining in the area should be in consonance with the "Integrated Wildlife Management Plan" of North Karanpura. The cost estimate of Integrated Wildlife Management Plan (IWMP) submitted is based on the rate of 2010, while approval is being considered in 2023, hence rate revision has to be done based on the present rate.	Complied. The site-specific Wildlife Management Plan for Pakri Barwadih North-West project in consonance of "Integrated Wildlife Management Plan" of North Karanpura is prepared by NTPC and is approved by PCCF-Wildlife, Jharkhand vide order no. 32 dt 03.08.2023 (attached as Annexure-9). The updated cost for implementation of site specific Wildlife Management Plan as per demand note 4906 dt. 01.09.2023 from DFO, Hazaribag (West) (for an amount of Rs. 45,31,46,000.00 against wildlife management plan implementation) has been submitted by NTPC vide UTR ref. No. SBINR12023112485848761 dt. 22.11.2023 to Ad-hoc CAMPA fund. (Demand note attached as Annexure-10 and payment receipt attached as Annexure-11). Undertaking in this regard is attached as	deposited Rs. 45,31,46,000/ towards site specific wildlife management plan vide e- challan (UTR No. SBINR120231124858487 61) in CAMPA Account. The user agency has also submitted an undertaking that mining in the area shall be in consonance with the "Integrated Wildlife Management Plan" of North Karanpura. Undertaking from the user agency is attached as Annexure-12.	
ix	As observed in the existing mine of NTPC Pakri Barwadih no amount of siltation dams could prevent the sediment deposition and choking of streams as overburden is dumped just adjacent to the nallahs/streams. The Khorra nallah will largely be affected by the mining activities hence it should be protected by identifying and developing green belt of 100 metres on the side of Khorra nallah & Pakwa Nalas that is facing the mining area, to prevent further sedimentation and choking.	and no part of the Pakwa Nala falls along Pakri Barwadih North-West project. Accordingly, it is requested to exclude the condition of maintaining of 100m green belt along the sides of Pakwa Nala. It is also submitted that 100-meter	The user agency has requested that condition of 100-meter green belt development on the dide of Khorra nallah & Pakwa nallah that is facing the mining area is changed to 15 meters green belt development as 100m green belt with block the availability of 40 MMT of coal. In a similar case of pakri Barwadih Coal mine, the condition of maintenance of 100 meter green belt along the Nallas has been amended by MoEF & CC Letter ref 8-56/2009-FC dated 01.10.2024 (Copy attached as Annexture-16)	of DFC

SI.	Conditions Stipulated in	Compliance status	DFO Comments	1
SI No.	A violation of the conditions of approval in case of diversion of 1026.438 ha forest land diverted earlier has been reported and is being processed separately. The State Govt shall ensure that the penal NPV and other penal	Barwadih, it is to submit that, in line with regulation 149 of Coal Mines Regulation 2017, NTPC has requested MoEF&CC vide it's letters (letter ref. no. RED(CM) Sectt./PBCMP /EMG/2023/475 dt 02.06.2023 & D(Fuel) Sectt./Nov23/01 dt 09.11.2023 for considering 15 meters green belt development on sides of Khora Nalla instead of 100m. (Copy of request letters and relevant condition of CMR, 2017 is attached as Annexure-13 and Annexure-14). Further to submit that, as per approved Mining Plan of PB and PB North-West (approved by Ministry of Coal, Govt. of India vide letter no. 13016/29/2003-CA-1(part) dt. 07.03.2016), Khora Nalla falling between Pakri Barwadih West mine (eastern part of the Khora Nala) shall be diverted after 30th year of mining along the Northern boundary of Pakri Barwadih Northwest project, accordingly the green belt to be developed as of now shall be required to be felled in due course. (Stage plans of Mining after 20th year, 30th year, 40th year & Final stage plan are attached as Annexure-15) It is to submit that Khorra Nala flows between Pakri Barwadih(PB) and PB North West mine, and for the adjacent Pakri Barwadih mine, MoEF&CC has allowed to develop green belt of 50m along the Khorra & Pakwa Nalla vide their letter ref. 8-56/2009-FCpt dt. 01.10.2024 (Copy of letter attached as Annexure-16) Hence, it is requested to amend the condition. The Ministry of Environment, Forest and Climate Change (MoEF&CC) vide their letter ref. 8-56/2009-FCpt dt. 01.10.2024 (Copy of letter attached as Annexure-16)		I agree with the comment of DFO.
	deposited before the Stage-II approval.			
xi	-рргочаг,			
ci. a	The Compensatory	Compensatory Afforestation:		
	afforestation over degraded forest land, double in extent to the forest land being diverted, shall be raised by the State Forest Department at the project cost within three years	The NTPC have deposited the necessary fund (Rs. 15,62,23,890.00) as per the demand note 4906 dt 01.09.2023 received from the DEC	The user agency had deposited Rs. 15,62,23,890/ towards compensatory afforestation vide e-challan (UTR No. SBINR120231125860533	I agree with the comments of DFO.

SI.	Conditions Stipulated in FC	Compliance status	DFO Comments	CF
140.	from the date of grant of Stage - II approval.	vide UTR no. SBINR12023112586053398 Dt. 25.11.2023 (Copy of demand note and payment receipt are attached as Annexure -10 and Annexure -11)	98) in CAMPA Account.	
xi. b	The cost of compensatory afforestation at the prevailing wage rates as per compensatory afforestation scheme and the cost of survey, demarcation and erection of permanent pillars, if required on the CA land, shall be deposited in advance with the Forest Department by the user agency. The CA will be maintained for 10 years. The scheme may include afforestation of indigenous species with appropriate provision for anticipated cost increase for works scheduled for subsequent years.	Complied. Compensatory afforestation shall be taken up by the state forest dept at the Project Cost. As per the demand note received from the DFO, Hazaribag (West) vide their Ltr. No. 4906 Dtd. 01.09.2023, NTPC has deposited Rs. 15,62,23,890.00 (Fifteen Crore Sixty-Two Lakh Twenty-Three thousand Eight hundred Ninty only) against Compensatory afforestation and Rs. 40,13,800.00 (Rupees Forty Lakh Thirteen Thousand Eight hundred only) against pillaring cost	deposited Rs. 15,62,23,890/ towards compensatory afforestation and Rs. 40,13,800/ towards pillaring cost of CA land vide e-challan (UTR No. SBINR120231125860533 98) in CAMPA Account.	I agree with the comments of DFO.
xi. c	The KML files of diverted area and the CA areas shall be uploaded on the e-Green watch portal with all requisite details prior to Stage- II approval.	Noted. In this regard a request has been made to the Forest department vide NTPC ltr. Ref. No. NTPC/PB-NW/2023/F-24/156 dt 13.07.2023 to upload the required details on the e-Green watch portal. (Copy of letter attached as Annexure -17).	e-green watch portal does not permit uploalding of KML file of diverted and CA area prior to Stage-II approval as mention of year of Stage-II clerance is mandatory condition on e-green watch portal. Copy of Screenshot of the portal is attached. After grant of Stage-II FC, KML files shall be uploaded on e-greenwatch portal for diverted area and CA area.	
xii	The User Agency shall transfer the funds towards the cost of Net Present Value (NPV) of the forest land being diverted under this proposal from the User in accordance with the MoEF&CC's guidelines dated 6.01.2022 read with guidelines dated 22.03.2022.	Complied. As per the demand note received from DFO, Hazaribag (West) vide their Ltr. No. 4906 Dtd. 01.09.2023, NTPC has deposited the amount of NPV (Rs. 44,94,72,118.00) in favor of "Ad-hoc CAMPA" vide UTR No. SBINR12023112586053399 dt. 25.11.2023 (Copy of demand note and payment receipt are attached as Annexure-10 and Annexure-11)	The user agency had deposited Rs. 44,94,72,118/ towards NPV vide e-challan (UTR No. SBINR120231125860533 99) in CAMPA Account.	
xiii		ing activities, at project cost, shall be underta one as per relevant guidelines issued by the N		anagement o
	User agency shall ensure demarcation of safety zone (7.5 meter strip all along the inner boundary of the mining lease area), and its fencing, protection and regeneration by erecting adequate number of 6 feet high RCC boundary pillars inscribed with DGPS coordinates with barbed wire fencing and deploying	Being Complied. Demarcation of safety zone area has been completed and its fencing, protection and erection of 6 feet high RCC boundary pillars with DGPS coordinates under the supervision of the Forest Department shall be done after transfer of Forest land. Undertaking in this regard is attached as Annexure-18.	The user agency has agreed to comply this condition and submitted an undertaking that demarcation of safety zone area (7.5 meter strip all along the inner boundary of the mining lease area) and its fencing, protection and erection of 6 feet high RCC boundary	I agree with the comment of DFO.

	ni Jated in	Compliance status	DFO Comments	10
SL. No.	Conditions Stipulated in FC adequate number of watchers under the supervision of the State Forest Department;		pillars with DGPS coordinates shall be done under the supervision of the Forest Department. Undertaking from the user agency is attached as Annexure-18.	
b	Boundary of the safety zone of the mining lease, adjacent to habitation/roads, should be properly fenced by the user agency;	Agreed to comply. Proper fencing of the Safety zone of the mining lease, adjacent to habitation/roads shall be implemented. Undertaking in this regard is attached as Annexure-19.	an undertaking that proper fencing of the Safety zone of the mining lease, adjacent to habitation/roads shall be implemented. Undertaking from the user agency is attached as Annexure-19	the commer of DF
	Safety zone shall be maintained as green belt around mining lease and regeneration shall be taken up in this area by the user agency at project cost under the supervision of the State Forest Department.	Agreed to comply. Undertaking in this regard is attached as Annexure -20.	The user agency has agreed to comply this condition and submitted an undertaking that safety zone shall be maintained as green belt around mining lease and regeneration shall be taken up in this area at project cost under the supervision of the State Forest Department. Undertaking from the user agency is attached as Annexure-20.	I agree w the commer of DFC
4	Afforestation on degraded forest land to be selected elsewhere, measuring one and a half times the area under safety zone, shall also be done at the project cost under the supervision of the State Forest Department. The degraded forest land (DFL) so selected will be informed to the MoEF&CC with shape files before Stage-II approval and afforestation will be done within three years from the date of Stage- II clearance and maintained thereafter in accordance with the approved Plan in consultation with the State Forest Department.	Complied. The cost for afforestation elsewhere in lieu of one and half times the area under safety zone has been deposited vide UTR no. SBINR12023112586053398 Dt. 25.11.2023 as per demand raised by DFO, Hazaribagh (West) vide their Ltr. No. 4906 Dtd. 01.09.2023. (Copy of demand note and payment receipt are attached as Annexure -10 and Annexure -11)	The	agree with the comments of DFO.
c	The State Government and the user agency shall ensure that safety zone is maintained as per the prescribed norms.	Agreed to comply. Undertaking in this regard is attached as Annexure -21	agreed to comply this condition and submitted co	the omments of DFO.

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Undertaking from the user agency is attached as Annex-21.

	Conditions Stipulated in FC	Compliance status	DFO Comments	Comments
sh	all be deposited by the User gency with the State Forest epartment.	Agreed to comply. The cost of felling of the trees will be deposited to the State Forest Department. Undertaking in this regard is attached as Annexure -22	agreed to comply this condition and submitted an undertaking that cost of felling of the trees will be deposited to the State Forest Department. Undertaking from the user agency is attached as Annexure-22.	I agree with the comments of DFO.
1	All the funds received from the user agency under the project shall be transferred/deposited in CAMPA account only through e-portal (https://parivesh.nic.in/). Amount deposited through other modes will not be accepted as compliance of the Stage-I clearance.	Complied. NTPC has deposited a total of Rs. 106,28,55,808.00 (Rupees One hundred Six crores Twenty-Eight Lakh Fifty-Five Thousand Eight Hundred and Eight only) as per demand note of DFO, Hazaribagh (West) ltr. 4906 dt. 01.09.2023 in Ad-hoc CAMPA account through e-portal (https://parivesh.nic.in/). Payment has been done in 3 parts as following: NPV amount: Rs. 44,94,72,118.00 CA amount including pillaring cost: Rs. 16,02,37,690.00 Wildlife management plan implementation fee: Rs. 45,31,46,000.00 Copy of payment details along with CA lavies format is enclosed as Annexure-11	by user agency to CAMPA fund through e-portal (https://parivesh.nic.in) and CA lavies format is also attached at Annexure-11.	I agree with the comments of DFO.
xvi	The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the concerned District Collector.	Complied. The complete process for identification and settlement of rights under the FRA has been carried out for entire area. FRA-NOC for all 8 villages in prescribed format vide letters from the concerned District Collector ref. no. 862, 863 dt 13.07.2024, letters ref 1356, 1357, 1358 dt 20.09.2024 and letters ref. 1553, 1554, 1555 dt 15.10.2024 are enclosed as Annexure-23.	complied this condition and submitted NOCs under FRA, 2006 obtained from the District Collector vide letter ref. no. 862, 863 dt 13.07.2024, letters ref 1356, 1357, 1358 dt 20.09.2024 and letters ref. 1553, 1554, 1555 dt 15.10.2024, which are attached as Annexure-23.	the comment of DFO
xvii	The compliance report shall be uploaded on e-portal (https://parivesh.nic.in/).	Being complied. Compliance has been uploaded in Parivesh Portal.	on e-portui.	the commen of DFO
xviii	At the time of payment of the Net Present Value (NPV) at the present rate, the user agency shall furnish an undertaking to pay the additional amount of NPV, it so determined, as per the fina decision of the Hon'ble Supreme Court of India.	as Annexure -24	to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India. Undertaking from the user agency is attached as Annexure-24	the commen of DFO
xi	The user agency shall explore the possibility of translocation of maximum number of tree identified to be felled an shall ensure that any tree.	mining lease shall be done as per the requirement and as per the extant	agreed to comply this condition and submitted an undertaking that	of DFO.

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SL.	Conditions Stipulated in	Compliance status	DFO Comments	3.
No.	felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department;	Department. The possibility of relocation of the trees shall also be explored. Undertaking in this regard is attached as Annexure -25.	the trees shall also be explored. Undertaking from the user agency is attached as Annexure-25.	1
xx	Trees should be felled in phased manner as per the requirement in the approved Mining Plan with prior permission of concerned DFO.	Agreed to comply. Undertaking in this regard is attached as Annexure -26	The user agency agreed to comply this condition and submitted an undertaking that Trees shall be felled in phased manner as per the requirement in the approved Mining Plan with prior permission of concerned DFO. Undertaking from the user agency is attached as Annexure-26	the common of DFO
	The User Agency shall undertake mining in a phased manner 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 the concerned Regional Office may direct that the mining activities shall remain suspended till such time, such reclamation activities area satisfactorily executed.	Agreed to comply. Mining will be done as per the approved Mining plan. Mine closure plan has been prepared and duly approved by the Ministry of Coal. The reclamation of the mined-out area shall be done as per the approved mine closure plan. The annual report on implementation will be submitted to the Nodal Officer and Regional office, MoEF&CC. Undertaking in this regard is attached as Annexure -27	The user agency agreed to comply this condition and submitted an undertaking that Mining will be done as per the approved Mining plan. Undertaking from the user agency is attached as Annexure-27.	the comme of DF
S S S S S S S S S S S S S S S S S S S	The User Agency shall comply with the Honble Supreme Court order on regrassing, and re-grass the mining area and any other treas which may have been listurbed due to mining to estore them to a condition which is fit for growth of odder, flora, fauna, etc. in a imely manner.	Agreed to comply. Undertaking in this regard is attached as Annexure -28	The user agency agreed to comply this condition and submitted an undertaking that they shall comply with the Hon'ble Supreme Court order on regrassing. Undertaking from the user agency is attached as Annexure-28	I agree with the comments of DFO.
si	eriod of diversion of the said orest land under this approval hall be for a period co- erminus with the period of the nining lease proposed to be	Agreed. Undertaking in this regard is attached as Annexure -29	The user agency agreed to comply this condition and submitted an undertaking that diversion of the said forest land under this	I agree with the comments of DFO.

L.	Conditions Stipulated in FC	Compliance status	DFO Comments	CF
	granted under the Mines and Minerals (Development and Regulation) Act, 1957, as amended and the Rules framed there-under.		approval shall be for a period co-terminus with the period of the mining lease. Undertaking from the user agency is attached as Annexure -29	
dv	The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required.	Complied. Environmental clearance for Pakri Barwadih North-West project is granted by SEIAA, Jharkhand vide ltr. No. EC/SEIAA/2023- 24/2916/2023/309 dt. 06.10.2023. Copy of EC is attached as Annexure -30.	complied this condition and obtained the Environmental clearance. Copy of Environmental clearance is attached as Annexure -30.	I agree with the comments of DFO.
xxv	No labour camp shall be established on the forest land and the User Agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas.	Agreed to comply. Undertaking in this regard is attached as Annexure -31	The user agency has agreed to comply the condition and submitted an undertaking that no labour camp shall be established on the forest land. Undertaking from the user agency is attached as Annexure -31	I agree with the comments of DFO.
xxv	The layout plan of the mining plan/ proposal shall not be changed without the prior approval of the Central Government and the forest land shall not be used for any purpose other than that specified in the proposal.	Agreed. The forest land shall not be used for any purpose other than that specified use. Undertaking in this regard is attached as Annexure -32	The user agency has agreed to comply this condition and submitted an undertaking. Undertaking from the user agency is attached as Annexure-32.	I agree with the comments of DFO.
xx	tii The forest land proposed to be diverted shall under no circumstances be transferred to any other agency, department or person without prior approval of the Central		The user agency has agreed to comply this condition and submitted an undertaking. Undertaking from the user agency is attached as Annexure-33.	the comments of DFO.
xx	Government. No damage to the flora and fauna of the adjoining area shall be caused.	Agreed to comply. NTPC is committed to protect the flora & fauna of the area. The site-specific Wildlife Management Plan for Pakri Barwadih North-West project is prepared by NTPC and is approved by PCCF-Wildlife, Jharkhand vide order no. 32 dt 03.08.2023 (attached as Annex-8). The necessary fund as per demand note 4906 dt. 01.09.2023 from DFO, Hazaribag (West) (for an amount of Rs. 45,31,46,000.00 against wildlife management plan implementation) has been submitted by NTPC vide UTR ref. No. SBINR12023112485848761 dt. 22.11.2023 to Ad-hoc CAMPA fund. (Demand note attached as Annexure -10 and payment receipt attached as Annexure -11).	Rs. 45,31,46,000/ towards site specific wildlife management plan vide e- challan (UTR No. SBINR120231124858487 61) in CAMPA Account. The user agency has submitted an undertaking that no damage to the flora and fauna of the adjoining area shall be caused. Undertaking from the user agency is attached as Annexure-34.	
		Annexure -11). Undertaking in this regard is attached as Annexure -34	Model and	



SL. No.	Conditions Stipulated in FC	Compliance status	DFO Comments	15%
xxix	The User Agency shall submit the annual self -compliance report in respect of the above stated conditions to the State Government, concerned Regional Office and to this Ministry by the end of March every year regularly.	Agreed to comply. NTPC shall ensure that the annual self compliance is submitted to the State Government, Regional Office and MoEF&CC. Undertaking in this regard is attached as Annexure -35	an undertaking. Undertaking from the user	of Die
XXX	Any other condition that the concerned Regional Office of this Ministry may stipulate with the approval of competent authority in the interest of conservation, protection and development of forests & wildlife.	Agreed. Undertaking in this regard is attached as Annexure -36	The user agency has agreed to comply this condition and submitted an undertaking. Undertaking from the user agency is attached as Annexure-36.	the comment of DFO.
oxi	The user agency shall comply the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and NGT Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project.	Agreed to comply. Undertaking in this regard is attached as Annexure -37	The user agency has agreed to comply this condition and submitted an undertaking. Undertaking from the user agency is attached as Annexure-37.	I agree with the comments of DFO.
xxii.	Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as prescribed in para 1.21 of Chapter I of the Handbook of comprehensive guidelines of Forest (Conservation) Act, 1980 as issued by this Ministry's letter No. 5-2/2017-FC dated 28.03.2019.	Agreed. Undertaking in this regard is attached as Annexure -38	The user agency has agreed to comply this condition and submitted an undertaking. Undertaking from the user agency is attached as Annexure-38.	agree with the comments of DFO.

उक्त प्रतिवेदन में शर्त संख्या—vi एवं Vii के अनुपालन में वन प्रमंडल पदाधिकारी, हजारीबाग पश्चिमी वन प्रमंडल के संलग्न ज्ञापांक 5804 दिनांक 28.11.2024 द्वारा प्रतिवेदित किया गया है कि प्रयोक्ता अभिकरण द्वारा Catchment Area Treatment Plan के लिए राशि 38,78,86,000 रूपये एवं Integrated Soil & water Conservation Plan के लिए राशि 4,59,40,500 रूपये कुल—43,38,26,500.00 रूपये कैम्पा खाता में जमा कर दिया गया है, जिसका UTR No. SBINR12024112765595816 दिनांक 27.11.2024 है।

अतः क्षेत्रीय मुख्य वन संरक्षक, हजारीबाग से विषयगत परियोजना के स्टेज—I का प्राप्त अनुपालन प्रतियेदन तीन प्रतियों में इस पत्र के साथ संलग्न कर अग्रतर कार्रवाई हेतु भेजा जा रहा है।

संचिका में प्रधान मुख्य वन संरक्षक (HoFF), झारखण्ड का अनुमोदन प्राप्त है।

अनु0:- यथोक्त।

विश्वासभाजन,

प्रधान मुख्य वन संरक्षक-सह-कार्यकारी निदेशक, बंजर भूमि विकास बोर्ड, झारखण्ड, राँची।

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E-MANUFARRISMOSTFC Pokel barwadsh 331,198 ha .due





कोयला खनन परियोजनाएँ, हजारीबाग Coal Mining Projects, Hazaribag

Date: 19.10.2024

Ref. No. NTPC/PB-NW/2024/290

To.

The Divisional Forest Officer. Hazaribagh West Forest Division. Hazaribagh, Jharkhand

Subject: Proposal for non-forestry use of 331.198 Ha of forest land in favour of M/s NTPC Limited for Pakribarwadih (North West) Opencast Coal Mining Project in West Forest Division, District Hazaribagh, Jharkhand - Submission of reply of queries raised on compliance for Stage-I Forest Clearance of Pakri Barwadih North-West (Proposal No.: FP/JH/MIN/38798/2019)

Reference: (i) Your Letter no. 2515 dated 24.04.2024

Dear Sir.

In reference to your letter mentioned at reference(i) vide which we had received gueries on the compliance of stage-I Forest clearance of Pakri Barwadih North-West (Proposal No.: FP/JH/MIN/38798/2019). It is to mention that we are submitting point wise reply of queries raised to your good office.

S. No.	Queries	Reply to the queries
1	Condition no (ii) of Stage-1 – In compliance of this conditions, information formation of an expert committee is not received. It is also to be noted that in the light of the letter no. 727 dated 01.03.2024 of the State Government, by the letter 301 dated 01.04.2024 of the this office,	constituted by Regional Chief Conservator of Forest, Hazaribagh vide notification no.

कोयला खनन परियोजनाएँ, सिकरी साईट कार्यालय, बड़कागाँव, हजारीबाग - 825311 Coal Mining Projects, Sikri Site Office, Barkagaon, Hazaribag - 825311

	the Regional Chief Conservator of Forest, Hazaribagh has been authorized to constitute an expert committee under the chairmanship of Divisional Forest Officer, Hazaribagh Western Forest division.	549:
2	Condition no (vi) of Stage 1- In Compliance of this condition, a copy of the approval of CAT (Catchment Area Treatment Plan) plan is not received. Also, information regarding depositing the amount of said plan in CAMPA is also not received.	The draft Catchment Area Treatment Plan was presented before PCCF-Hoff on 19.07.2024. Some of the suggestions mentioned as per Minutes of meeting were incorporated and revised plan was submitted to the DFO(W), Hazaribagh on 30.08.2024 vide our letter ref NTPC/PB-NW/2024/279 dt 30.08.2024.
3	Condition no (vii) of Stage-1- A Copy of Integrated Soil and Water conservation Plan is not received in compliance with this condition.	The draft integrated soil and water was presented before PCCF-Hoff on 19.07.2024. Some of the suggestions mentioned as per Minutes of meeting were incorporated and revised plan was submitted to the DFO(W), Hazaribagh on 30.08.2024 vide our letter ref NTPC/PB-NW/2024/279 dt 30.08.2024.
4	Condition no (xvi) of Stage 1- A Copy of the proceedings of the FRA and Gram Sabha meeting is required to comply with this condition.	The NOC under FRA 2006 has been granted for all 8 villages of the project.
5	Full compliance report of Condition no. (ix), (xi-c), (xvii) of Stage-1 is not received.	Condition wise compliance is mentioned below:
(a)	Condition no. ix- "As observed in the existing mine of NTPC Pakri Barwadih no amount of siltation dams	Technically, developing green belt of 100 meters on the sides of Khorra nallah &

नवीन कुमार / NAVIN KUMAR वर्ष महाप्रबंधक (पर्यावरण प्रवंधन) / DGM (ENVT. MGMT.) हम्मदीपीती निमिद्धे / NTPC Limited कोबता सनव परियोजनाएं / COAL MINING PROJECTS हप्पादीबाग / Hazaribag

could prevent the sediment deposition and choking of streams as overburden is dumped just adjacent to the nallahs/streams. The Khorra nallah will largely be affected by the mining activities hence it should be by protected identifying and developing green belt of 100 meters on the side of Khorra nallah & Pakwa Nalas that is facing the mining area, to prevent further sedimentation and choking."

Pakwa Nalas that faces the mining area is not possible.

It is to submit that, Pakri Barwadih North-West project is bounded by a seasonal nala, namely, Khora Nala on eastern and north-western side and no part of the Pakwa Nala falls along Pakri Barwadih North-West project.

Accordingly, it is requested to exclude the condition of maintaining of 100m green belt along the sides of Pakwa Nala.

It is also submitted that 100-meter green belt development shall block approximately 40 MMT (i.e. about 30% of the total extractable reserves) of coal beneath the imposed green belt of 100m, and shall make the proposed project unviable, which shall otherwise will used for the benefit of the Nation.

With respect to the observation made for the existing mine of NTPC Pakri Barwadih. it is to submit that, in line with regulation 149 of Coal Mines Regulation 2017, NTPC has requested MoEF&CC vide it's letters (letter ref. no. RED(CM) Sectt./PBCMP /EMG/2023/475 dt 02.06.2023 & D(Fuel) Sectt./Nov23/01 dt 09.11.2023 for considering 15 meters green belt development on sides of Khora Nalla instead of 100m.

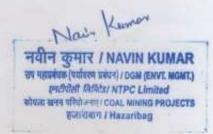
Further to submit that, as per approved Mining Plan of PB and PB North-West (approved by Ministry of Coal, Govt. of India vide letter no. 13016/29/2003-CA-1(part) dt.

Jana Kuman

नवीन कुमार / NAVIN KUMAR यव महाप्रमंग्रक (पर्याचन प्रकेशन) / DGM (ENVT. MGMT.) (म्नट्रिमीसी जिन्हिटेश MTPC Limited कोयान स्वत्व चींग्रीजन्मा / COAL MINING PROJECTS हणारीबांग / Mazaribag

		O7.03.2016), Khora Nalla falling between Pakri Barwadih Northwest and Pakri Barwadih West mine (eastern part of the Khora Nala) shall be diverted after 30th year of mining along the Northern boundary of Pakri Barwadih Northwest project, accordingly the green belt to be developed as of now shall be required to be felled in due course. It is to submit that Khorra Nala flows between Pakri Barwadih(PB) and PB North West mine, and for the adjacent Pakri Barwadih mine, MoEF&CC has allowed to develop green belt of 50m along the Khorra & Pakwa Nalla vide their letter ref. 8-56/2009-FCpt dt. 01.10.2024. Hence, it is requested to amend the condition.
(b)	Condition No xi-c- "The KML files of diverted area and the CA areas shall be uploaded on the e-Green watch portal with all requisite details prior to Stage- II approval."	In this regard a request has been made to the Forest department vide NTPC ltr. Ref. No. NTPC/PB-NW/2023/F-24/156 dt 13.07.2023 to upload the required details on the e-Green watch portal.
(c)	Condition No xvii - "The compliance report shall be uploaded on e-portal (https://parivesh.nic.in/)."	Compliance has been uploaded in Parivesh Portal.

Along with this a complete compliance against the Stage-I FC conditions and its annexures are attached herewith in 08 copies for your kind reference.



It is to be submitted that, NTPC is committed to abide by all the directions issued by regulators and provisions made under Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 and rules made thereunder. It is requested from your good office to kindly forward the compliance of Stage-I Forest Clearance for grant of Stage-II Forest Clearance for the project.

Thanking you,

Yours sincerely

Marin Kumar)

Dy. GM (Envt. Mgmt.)
PB & PB-NW CMP, NTPC Ltd.

Encl.: As above

नवीन कुमार / NAVIN KUMAR इस महाप्रवेशक (पर्यापरण प्रवेशन) / DGM (EHVT. MGNT.)

हनदीपीसी निविदेश NTPC Limited कोवला सहन परियो अस्पा COAL MINING PROJECTS हन्सिरियान । mazambag

Pakri Barwadih North-West Coal Mining Project

STAGE-I FOREST CLEARANCE - COMPLIANCE OF CONDITIONS

Compliance of the conditions given in the Approval of the Central Government granted Vide Ltr. No "F. No. 8-56/2009 – FC-(Vol) dtd: 26th May 2023" under section-2, of the Forest (Conservation) Act, 1980 for diversion of 331.198 Ha area of forest land for coal mining from Pakri Barwadih North-West Project in favor of M/s NTPC in Hazaribagh West Forest Division in Hazaribagh district of Jharkhand subject to fulfillment of the following conditions:

S.No.	Conditions Stipulated in FC	Compliance status
i.	Legal status of the diverted forest land shall remain unchanged.	Agreed to comply. Undertaking in this regard is attached as Annexure- 1.
ii,	A team of specialists from field of Soil Engg, Agriculture Engg, Hydrology, GIS & Geology shall be constituted under chairpersonship of DFO concerned. The team shall continuously study the area for assessing the impact of on-going mining on various environmental/ecological parameter and submit findings report to IRO annually.	Complied. A committee of experts under chairmanship of DFO(West), Hazaribagh has been constituted by Regional Chief Conservator of Forest, Hazaribagh vide notification no. 17 dt 07.06.2024 (Copy of letter is attached as Annexure-2)
III.	uA shall generate drone survey data on spatial and seasonal status of Khorra Nalla & Pakwa Nalla watersheds for having first-hand information on the current status of the Khorra and Pakwa Nalas watershed parallel to the ongoing mining activities. For this purpose, a reputed institute, preferably located in the State, may be engaged for data collection, processing and interpretation in effective and exclusive manner.	Agreed to comply. Work for the study has been awarded to IIT-ISM vide order no. TSPPL/Consultant/ PBNW/23-24/01 dt 18.08.2023 (attached as Annexure-3). Drone Survey data generation on spatial and seasonal status of Khorra Nala & Pakwa Nala watersheds is under progress. Executive summary of the report is attached as Annexure-4 The undertaking in this regard is attached as Annexure-5.
iv.	Study of river-aquifer interaction using non-invasive geo-physical technique in 10 km radius of NTPC Pakri Barwadih Coal mine site shall be conducted to facilitate the delineation of groundwater potential zones, ground water variation in these zones and help in water budgeting to the surroundings.	Agreed to comply. Work for the study has been awarded to IIT-ISM vide order no. TSPPL/Consultant/ PBNW/23-24/01 dt 18.08.2023 (attached as Annexure-3). Study has been completed and report on Riveraquifer interaction using non-invasive geo-physical technique in 10 km radius of Pakri Barwadih Coal mine is under preparation. Same shall be submitted to the Forest Department after finalization of the report.

goodbarry / Hazaribag

Pakri Barwadih North-West Coal Mining Project

S.No.	Conditions Stipulated in FC	Compliance status
		The undertaking in this regard is attached as Annexure-6.
V.	Since the area is rich in species composition therefore Reclamation, Eco- restoration, and Conservation Plan shall be prepared by conducting proper study before initiating mining activities.	Complied. Work for the study has been awarded to IIT-ISM vide order no. TSPPL/Consultant/ PBNW/23-24/01 dt 18.08.2023 (attached as Annexure-3). Study for reclamation, Eco - restoration, and Conservation Plan is completed and report is submitted to Forest Department vide our letter ref.
		NTPC/PB-NW/2024/233 dt 30.03.2024 (copy of letter is attached as Annexure-7)
vi.	The Catchment Area Treatment Plan shall be prepared and implemented at the cost of the user agency for the treatment of all Nallahs/streams	Agreed to comply. Work for the study has been awarded to IIT-ISM vide order no. TSPPL/Consultant/ PBNW/23-24/01 dt 18.08.2023 (attached as Annexure-3).
	pertaining to instant mining lease/project area. The commensurate funds shall be deposited in National Authority prior to Stage-II approval.	The draft Catchment Area Treatment Plan was presented before PCCF-Hoff on 19.07.2024. Some of the suggestions mentioned as per Minutes of meeting were incorporated and revised plan was submitted to the DFO(W), Hazaribagh on 30.08.2024 vide our letter ref NTPC/PB-NW/2024/279 dt 30.08.2024 (Copy of our letter is attached as Annexure-8)
vii.	An integrated soil and water conservation plan shall be prepared and implemented at the cost of the user agency for the entire landscape	Agreed to comply. Work for the study has been awarded to IIT-ISM vide order no. TSPPL/Consultant/ PBNW/23-24/01 dt 18.08.2023 (attached as Annexure-3).
22	affected by the mining activities of the User agency in the region.	The draft integrated soil and water was presented before PCCF-Hoff on 19.07.2024. Some of the suggestions mentioned as per Minutes of meeting were incorporated and revised plan was submitted to the DFO(W), Hazaribagh on 30.08.2024 vide our letter ref NTPC/PB-NW/2024/279 dt 30.08.2024. (Copy of our letter is attached as Annexure-8)
viii,	The mining in the area should be in	Complied.
	wildlife Management Plan" of North Karanpura. The cost estimate of Integrated Wildlife Management Plan (IWMP) submitted is based on the rate of 2010, while approval is being	The site-specific Wildlife Management Plan for Pakri Barwadih North-West project in consonance of "Integrated Wildlife Management Plan" of North Karanpura is prepared by NTPC and is approved by PCCF-Wildlife, Jharkhand vide order no. 32 dt 03.08.2023 (attached as Annexure-9).
	considered in 2023, hence rate revision has to be done based on the present rate.	The updated cost for implementation of site specific Wildlife Management Plan as per demand note 4906 dt. 01.09.2023 from DFO, Hazaribag (West) (for an amount of Rs. 45,31,46,000.00 against wildlife management plan implementation) has been

नवीन कुमार / NAVIN KUMAR
प्रमाणकार्यका (प्रविदेश NEW PROJECTS
क्रिकेट प्रमाणकार्यकार प्रविदेश प्रमाणकार्यकार प्रविदेश प्रमाणकार्यकार प्रमाणकार्यकार (COAL MEMORY PROJECTS
क्रिकेट प्रमाणकार्य / Hazaribag

Pakri Barwadih North-West Coal Mining Project

S.No.	Conditions Stipulated in FC	Compliance status
		submitted by NTPC vide UTR ref. No. SBINR12023112485848761 dt. 22.11.2023 to Adhoc CAMPA fund. (Demand note attached as Annexure-10 and payment receipt attached as Annexure -11).
		Undertaking in this regard is attached as Annexure -12.
ix.	ix. As observed in the existing mine of NTPC Pakri Barwadih no amount of siltation dams could prevent the sediment deposition and choking of streams as overburden is dumped just adjacent to the nallahs/streams. The Khorra nallah will largely be affected	Technically, developing green belt of 100 meters on the sides of Khorra nallah & Pakwa Nalas that faces the mining area is not possible.
		It is to submit that, Pakri Barwadih North-West project is bounded by a seasonal nala, namely, Khora Nala on eastern and north-western side and no part of the Pakwa Nala falls along Pakri Barwadih North-West project.
	by the mining activities hence it should be protected by identifying and developing green belt of 100 metres on the side of Khorra nallah & Pakwa	Accordingly, it is requested to exclude the condition of maintaining of 100m green belt along the sides of Pakwa Nala.
	Nalas that is facing the mining area, to prevent further sedimentation and choking.	It is also submitted that 100-meter green belt development shall block approximately 40 MMT (i.e. about 30% of the total extractable reserves) of coal beneath the imposed green belt of 100m, and shall make the proposed project unviable, which shall otherwise will used for the benefit of the Nation.
2		With respect to the observation made for the existing mine of NTPC Pakri Barwadih, it is to submit that, in line with regulation 149 of Coal Mines Regulation 2017, NTPC has requested MoEF&CO vide it's letters (letter ref. no. RED(CM, Sectt./PBCMP /EMG/2023/475 dt 02.06.2023 8 D(Fuel) Sectt./Nov23/01 dt 09.11.2023 for considering 15 meters green belt development or sides of Khora Nalla instead of 100m. (Copy or request letters and relevant condition of CMR, 2017 is attached as Annexure -13 and Annexure-14).
		Further to submit that, as per approved Mining Plan of PB and PB North-West (approved by Ministry of Coal, Govt. of India vide letter no. 13016/29/2003-CA-1(part) dt. 07.03.2016), Khora Nalla falling between Pakri Barwadih Northwest and Pakri Barwadih West mine (eastern part of the Khora Nala) shall be diverted after 30th year of mining along the Northern boundary of Pakri Barwadih Northwest project, accordingly the green belt to be developed as of now shall be required to be felled in due course. (Stage plans of Mining after 20th year, 30th year, 40th year & Final stage plan are
	NAVIN KUMAR	attached as Annexure -15)

का नहारका (च्यांका प्रसन) i DGN (ENVT. NGNT.) न्योतीकी क्षितिका NTPC Limited क्षेत्रक काल क्षेत्रका / COAL MINING PROJECTS क्ष्माचितान / Hazaribag

Pakri Barwadih North-West Coal Mining Project

S.No.	Conditions Stipulated in FC	Compliance status
		It is to submit that Khorra Nala flows between Pakri Barwadih(PB) and PB North West mine, and for the adjacent Pakri Barwadih mine, MoEF&CC has allowed to develop green belt of 50m along the Khorra & Pakwa Nalla vide their letter ref. 8-56/2009-FCpt dt. 01.10.2024 (Copy of letter attached as Annexure-16)
		Hence, it is requested to amend the condition.
X	A violation of the conditions of approval in case of diversion of 1026.438 ha forest land diverted earlier has been reported and is being processed separately. The State Govt shall ensure that the penal NPV and other penal levies as imposed are deposited before the Stage-II approval.	The Ministry of Environment, Forest and Climate Change (MoEF&CC) vide their letter ref. 8-56/2009-FCpt dt. 01.10.2024 has waived off this condition. (Copy of letter attached as Annexure-16)
хi	Compensatory Afforestation:	
xi. a	The Compensatory afforestation over degraded forest land, double in extent to the forest land being diverted, shall be raised by the State Forest Department at the project cost within three years from the date of grant of Stage - II approval.	Complied. The NTPC have deposited the necessary fund (Rs 15,62,23,890.00) as per the demand note 4906 d 01.09.2023 received from the DFO, Hazaribag (West) for development of the CA in the Ad-Hoc CAMPA fund vide UTR no SBINR12023112586053398 Dt. 25.11.2023 (Copy of demand note and payment receipt are attached as Annexure -10 and Annexure -11)
xi. b	The cost of compensatory afforestation at the prevailing wage rates as per compensatory afforestation scheme and the cost of survey, demarcation and erection of permanent pillars, if required on the CA land, shall be deposited in advance with the Forest Department by the user agency. The CA will be maintained for 10 years. The scheme may include afforestation of indigenous species with appropriate provision for anticipated cost increase for works scheduled for subsequent years.	Complied. Compensatory afforestation shall be taken up by the state forest dept at the Project Cost. As per the demand note received from the DFO Hazaribag (West) vide their Ltr. No. 4906 Dtd 01.09.2023, NTPC has deposited Rs 15,62,23,890.00 (Fifteen Crore Sixty-Two Lake Twenty-Three thousand Eight hundred Ninty only against Compensatory afforestation and Rs 40,13,800.00 (Rupees Forty Lake Thirteer Thousand Eight hundred only) against pillaring cos of CA land in favor of "Ad-hoc CAMPA" vide UTF no. SBINR12023112586053398 Dt. 25.11.2023 (Copy of demand note and payment receipt are attached as Annexure-10 and Annexure -11)
xi. c	The KML files of diverted area and the CA areas shall be uploaded on the e- Green watch portal with all requisite	Noted. In this regard a request has been made to the Fores department vide NTPC ltr. Ref. No. NTPC/PB

Pakri Barwadih North-West Coal Mining Project

S.No.	Conditions Stipulated in FC	Compliance status
	details prior to Stage- II approval.	NW/2023/F-24/156 dt 13.07.2023 to upload the required details on the e-Green watch portal. (Copy of letter attached as Annexure -17)
xii	The User Agency shall transfer the funds towards the cost of Net Present Value (NPV) of the forest land being diverted under this proposal from the User in accordance with the MoEF&CC's guidelines dated 6.01.2022 read with guidelines dated 22.03.2022.	Complied. As per the demand note received from DFO, Hazaribag (West) vide their Ltr. No. 4906 Dtd. 01.09.2023, NTPC has deposited the amount of NPV (Rs. 44,94,72,118.00) in favor of "Ad-hoc CAMPA" vide UTR No. SBINR12023112586053399 dt. 25.11.2023 (Copy of demand note and payment receipt are attached as Annexure-10 and Annexure -11)
xiii	[-] 사용하는 경영 사용 등에 가는 사용하는 사용하는 사용하는 사용하는 사용하는 사용하는 사용하는 사용하	activities, at project cost, shall be undertaken by the afety zone as per relevant guidelines issued by the
a.	User agency shall ensure demarcation of safety zone (7.5 meter strip all along the inner boundary of the mining lease area), and its fencing, protection and regeneration by erecting adequate number of 6 feet high RCC boundary pillars inscribed with DGPS coordinates with barbed wire fencing and deploying adequate number of watchers under the supervision of the State Forest Department;	Being Complied. Demarcation of safety zone area has been completed and its fencing, protection and erection of 6 feet high RCC boundary pillars with DGPS coordinates under the supervision of the Forest Department shall be done after transfer of Forest land. Undertaking in this regard is attached as Annexure-18.
b.	Boundary of the safety zone of the mining lease, adjacent to habitation/roads, should be properly fenced by the user agency;	Agreed to comply. Proper fencing of the Safety zone of the mining lease, adjacent to habitation/roads shall be implemented. Undertaking in this regard is attached as Annexure-19.
C.	Safety zone shall be maintained as green belt around mining lease and regeneration shall be taken up in this area by the user agency at project cost under the supervision of the State Forest Department.	Agreed to comply. Undertaking in this regard is attached as Annexure -20.
d.	Afforestation on degraded forest land to be selected elsewhere, measuring one and a half times the area under safety zone, shall also be done at the project cost under the supervision of the State Forest Department. The	Complied. The cost for afforestation elsewhere in lieu of one and half times the area under safety zone has been deposited vide UTR no. SBINR12023112586053398 Dt. 25.11.2023 as per demand raised by DFO, Hazaribagh (West) vide their Ltr. No. 4906 Dtd. 01.09.2023.

नवीन कुमार ? NAVIN KUMAR वर्ष गहालंगा (पर्याप्त प्रस्त) (DGN (ENVI. MONT.) अथवा वान्य परिवर्तना (TOAL MAUNG PROJECTS अथवा वान्य परिवर्तना (Hazardan

Pakri Barwadih North-West Coal Mining Project

S.No.	Conditions Stipulated in FC	Compliance status
	degraded forest land (DFL) so selected will be informed to the MoEF&CC with shape files before Stage-II approval and afforestation will be done within three years from the date of Stage- II clearance and maintained thereafter in accordance with the approved Plan in consultation with the State Forest Department.	(Copy of demand note and payment receipt are attached as Annexure -10 and Annexure -11)
e.	The State Government and the user agency shall ensure that safety zone is maintained as per the prescribed norms.	Agreed to comply. Undertaking in this regard is attached as Annexure -21
xiv.	The cost of felling of trees shall be	Agreed to comply.
	deposited by the User Agency with the State Forest Department.	The cost of felling of the trees will be deposited to the State Forest Department.
		Undertaking in this regard is attached as Annexure -22
xv	All the funds received from the user agency under the project shall be transferred/deposited in CAMPA account only through e-portal (https://parivesh.nic.in/). Amount deposited through other modes will not be accepted as compliance of the Stage-I clearance.	Complied. NTPC has deposited a total of Rs. 106,28,55,808.00 (Rupees One hundred Six crores Twenty-Eight Lake Fifty-Five Thousand Eight Hundred and Eight only as per demand note of DFO, Hazaribagh (West) ltr 4906 dt. 01.09.2023 in Ad-hoc CAMPA account through e-portal (https://parivesh.nic.in/). Payment has been done in 3 parts as following: a) NPV amount: Rs. 44,94,72,118.00 b) CA amount including pillaring cost: Rs 16,02,37,690.00 c) Wildlife management plan implementation fee: Rs. 45,31,46,000.00 Copy of payment details is enclosed as Annexure 11
xvi	The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the concerned District Collector.	Complied. The complete process for identification and settlement of rights under the FRA has been carried out for entire area. FRA-NOC for all 8 villages in prescribed format vide letters from the concerned District Collector ref. no. 862, 863 dt 13.07.2024 letters ref. 1356, 1357, 1358 dt 20.09.2024 and letters ref. 1553, 1554, 1555 dt 15.10.2024 are enclosed as Annexure-23.
XVII.	The compliance report shall be uploaded on e-portal (https://parivesh.nic.in/).	Being complied. Compliance has been uploaded in Parivesh Portal.

Pakri Barwadih North-West Coal Mining Project

S.No.	Conditions Stipulated in FC	Compliance status
xviii.	At the time of payment of the Net Present Value (NPV) at the present rate, the user agency shall furnish an undertaking to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India.	Agreed to comply. Undertaking in this regard is attached as Annexure -24
xix.	The user agency shall explore the possibility of translocation of maximum number of trees identified to be felled and shall ensure that any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department;	Agreed to comply. Felling of the trees falling within the mining lease shall be done as per the requirement and as per the extant provision of the State Forest Department. The possibility of relocation of the trees shall also be explored. Undertaking in this regard is attached as Annexure -25.
xx.	Trees should be felled in phased manner as per the requirement in the approved Mining Plan with prior permission of concerned DFO.	Agreed to comply. Undertaking in this regard is attached as Annexure -26
XXI.	The User Agency shall undertake mining in a phased manner 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	Agreed to comply. Mining will be done as per the approved Mining plan. Mine closure plan has been prepared and duly approved by the Ministry of Coal. The reclamation of the mined-out area shall be done as per the approved mine closure plan. The annual report on implementation will be submitted to the Nodal Officer and Regional office, MoEF&CC. Undertaking in this regard is attached as Annexure -27
	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 the concern Regional Officer, Integrated Regional Office may direct that the mining activities shall remain suspended till such time, such reclamation activities area	No K
	satisfactorily executed.	नवीन कुमार / NAVIN KUMAR उव महाप्रकार (पर्यावरण प्रकार) DGM (ENVT. MONT.)

ज्य महाप्रवेषक (पर्योक्षण प्रकेषन्) DGM (ENVT. MGMT.)

क्रिटीपीटी क्रिकिटा NTPC Limited
क्रिक्स समय परियोजनार / COAL MINING PROJECTS

हाजाउँवाग / Hazaribag

Page 7 of 9

Pakri Barwadih North-West Coal Mining Project

S.No.	Conditions Stipulated in FC	Compliance status
xxii.	The User Agency shall comply with the Hon'ble Supreme Court order on regrassing, and re-grass the mining area and any other areas which may have been disturbed due to mining to restore them to a condition which is fit for growth of fodder, flora, fauna, etc. in a timely manner.	Agreed to comply. Undertaking in this regard is attached as Annexure -28
xxiii.	Period of diversion of the said forest land under this approval shall be for a period co-terminus with the period of the mining lease proposed to be granted under the Mines and Minerals (Development and Regulation) Act, 1957, as amended and the Rules framed there-under.	Agreed. Undertaking in this regard is attached as Annexure -29
xxiv.	The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required.	Complied. Environmental clearance for Pakri Barwadih North-West project is granted by SEIAA, Jharkhand vide ltr. No. EC/SEIAA/2023-24/2916/2023/309 dt. 06.10.2023. Copy of EC is attached as Annexure - 30.
xxv.	No labour camp shall be established on the forest land and the User Agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas.	Agreed to comply. Undertaking in this regard is attached as Annexure -31
xxvi.	The layout plan of the mining plan/ proposal shall not be changed without the prior approval of the Central Government and the forest land shall not be used for any purpose other than that specified in the proposal.	Agreed. The forest land shall not be used for any purpose other than that specified use. Undertaking in this regard is attached as Annexure -32
xxvii.	The forest land proposed to be diverted shall under no circumstances be transferred to any other agency, department or person without prior approval of the Central Government.	Agreed to Comply. Undertaking in this regard is attached as Annexure -33.
xxviii.	No damage to the flora and fauna of the adjoining area shall be caused.	Agreed to comply.

नवीन कुमार / NAVIN KUMAR
एम महावर्षक (पर्वादल प्रवंदन) / DGM (ENVT. NGNT.)
Page 8 of 9 एमटिमीटी जिन्दित NTPC Limited कोवल खनन परियोजन्य (COAL MINNG PROJECTS इस्मिप्ता / Hazaribag

Pakri Barwadih North-West Coal Mining Project

S.No.	Conditions Stipulated in FC	Compliance status
		NTPC is committed to protect the flora & fauna of the area. The site-specific Wildlife Management Plan for Pakri Barwadih North-West project is prepared by NTPC and is approved by PCCF-Wildlife, Jharkhand vide order no. 32 dt 03.08.2023 (attached as Annex-8). The necessary fund as per demand note 4906 dt. 01.09.2023 from DFO, Hazaribag (West) (for an amount of Rs. 45,31,46,000.00 against wildlife management plan implementation) has been submitted by NTPC vide UTR ref. No. SBINR12023112485848761 dt. 22.11.2023 to Ad-hoc CAMPA fund. (Demand note attached as Annexure -10 and payment receipt attached as Annexure -11).
		Undertaking in this regard is attached as Annexure -34
xxix.	The User Agency shall submit the annual self -compliance report in respect of the above stated conditions to the State Government, concerned Regional Office and to this Ministry by	Agreed to comply. NTPC shall ensure that the annual self compliance is submitted to the State Government, Regional Office and MoEF&CC. Undertaking in this regard is attached as Annexure
	the end of March every year regularly.	-35
XXX.	Any other condition that the concerned Regional Office of this Ministry may stipulate with the approval of competent authority in the interest of conservation, protection and development of forests & wildlife.	Agreed. Undertaking in this regard is attached as Annexure -36
xxxi.	The user agency shall comply the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and NGT Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project.	Agreed to comply. Undertaking in this regard is attached as Annexure -37
xxxii.	Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as prescribed in para 1.21 of Chapter 1 of the Handbook of comprehensive guidelines of Forest (Conservation) Act, 1980 as issued by this Ministry's letter No. 5-2/2017-FC dated 28.03.2019.	Agreed. Undertaking in this regard is attached as Annexure -38

म्प्रसानकाक (पर्यादका प्रवादन) / DGM (ENVT. MGMT.)

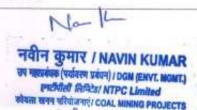
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क्षेपला सन्त्र परिकेशनाए / COAL MINING PROJECTS

हराशिवान / Hazaribag

List of Annexures

Annexure	Description		
Annexure-1	Undertaking for condition i (Legal status of the diverted forest land shall remain unchanged)		
Annexure-2	Notice by RCCF reg committee formation vide order 17 dt 07.06.2024		
Annexure-3	Studies work order by TSPPL 18.08.2023		
Annexure-4	Executive summary of the drone survey report		
Annexure-5	Undertaking for condition-iii (reg. drone survey data)		
Annexure-6	Undertaking for condition-iv (reg. study of river-aquifer interaction)		
Annexure-7	NTPC's letter for submission of Reclamation, Eco - restoration, and Conservation Plan		
Annexure-8	NTPC's letter for submission of Catchment Area Treatment Plan & Integrated soil and water conservation plan		
Annexure-9	Sanction Oder of Site-Specific Wild Life Management Plan (SSWMP) of PB-NW CMP.		
Annexure-10	Demand Note Itr 4906 dt 01.09.2023 from DFO, Hazaribagh(West) regarding NPV, CA a Wild Life Management Fee		
Annexure-11	Payment details of NPV, CA & Wildlife Management fee of PB North-West		
Annexure-12	Undertaking reg. Condition-viii (Mining to be in consonance with "Integrated Wildli Management Plan" of North Karanpura)		
Annexure-13	NTPC's Letters to PCCF, Ranchi and DG(Forest), MoEF&CC regarding for considering green belt development on 15 meters on side of Khora Nalla instead of 100 meter		
Annexure-14	Regulation 149 of CMR 2017		
Annexure-15	Stage Plan of Mining Plan – 20th Year, 30th Year, 40th Year & Final Stage Plan of Mining Plan		
Annexure-16	Letter from MoEF&CC ref. 8-56/2009-FCpt dt. 01.10.2024		
Annexure-17	Letter NTPC/PB-NW/2023/F-24/156 dt 13.07.2023 to DFO, Hazaribag (West) regarding condition no-(ii) and (xi-c) of Stage-I Forest Clearance of Pakri Barwadih North-West Opencast Coal Mining Project.		
Annexure-18	Undertaking for condition-xiii(a) (reg. demarcation of safety zone, its fencing, protection and regeneration)		
Annexure-19	Undertaking for condition-xiii(b) (reg. fencing of safety zone boundary)		
Annexure-20	Undertaking for condition-xiii(c) (Safety zone shall be maintained as green belt)		
Annexure-21	Undertaking for condition-xiii(e) (reg. maintaining of Safety zone as per prescribed norms)		
Annexure-22	Undertaking for condition-xiv (reg. cost of felling of trees)		
Annexure-23	FRA-NOC of all villages received from DC, Hazaribagh vide ref. no. 862, 863 dt 13.07.2024 letters ref 1356, 1357, 1358 dt 20.09.2024 and letters ref. 1553, 1554, 1555 dt 15.10.2024		
Annexure-24	Undertaking for condition-xviii (reg. payment of additional NPV)		
Annexure-25	Undertaking for condition-xix (to explore the possibility of translocation of maximum number of trees)		
Annexure-26	Undertaking for condition-xx (reg. tree felling in phased manner)		



Annexure-27	Undertaking for condition-xxi (undertaking mining in phased manner)	
Annexure-28	Undertaking for condition-xxii (Re-grassing the mining area and any other areas which mathematical have been disturbed due to mining)	
Annexure-29 Undertaking for condition-xxiii (reg. period of diversion of forest land)		
Annexure-30	Grant of Environment Clearance to PB North-West dated 11.10.2023 by SEIAA	
Annexure-31	Undertaking for condition-xxv (No labour camp shall be established on the forest land)	
Annexure-32	32 Undertaking for condition-xxvi (layout plan of the mining plan/ proposal shall not be chawithout the prior approval of the Central Government)	
Annexure-33	Undertaking for condition-xxvii (diverted forest land shall not be transferred to any other agency)	
Annexure-34	Undertaking for condition-xxviii (reg. protection of Flora and Fauna)	
Annexure-35	Undertaking for condition-xxix (reg. annual self-compliance Report)	
Annexure-36 Undertaking for condition-xxx (reg. Conservation, protection and development of fore wildlife)		
Annexure-37	Undertaking for condition-xxxi (Compliance to provisions of all Acts, Rules, Regulations, Guidelines)	
Appavira 38	nnexure-38 Undertaking for condition- xxxii (reg. violation of Forest (Conservation) Act, 1980)	

नवीन कुमार / NAVIN KUMAR स्व महस्रवंक (पर्यावरण प्रवंदन) / DGN (ENVT. MGAT.) स्वरीपीती निष्केश / MTPC Limited कोमला सनन परित्र — COAL MINING PROJECTS हस्तारोबा । / Hazaribag

Date:19.10.2024

UNDERTAKING

(Legal status of the diverted forest land shall remain unchanged)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that

"Legal status of the diverted forest land shall remain unchanged."

For NTPC Ltd.

[Navin kumar]
Dy. GM (Envt. Mgmt.)
PB & PB-NW CMP
NTPC Ltd.-Hazaribag

नवीन कुमार / NAVIN KUMAR का मार्केक (पर्वतन प्रवेग) / Date (ENVI. MONT.) हम्होपील लिपेश NTPC Limited केवल क्या प्रिकेशमारं/COAL MINING PROJECTS हजारीवान / Mazaribag



कार्यालय – क्षेत्रीय मुख्य वन संरक्षक, हजारीबाग। वन भवन, हजारीबाग,

Ph. No. 06546-223962, Email- rccf-hazaribagh@gov.in

कार्यालय आदेश संख्या : \7

दिनांक : 07 - 6 - 2024

भारत सरकार, पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय नई दिल्ली (Forest Conservation Division) के पत्रांक 5-56/2009-FC (Vol) दिनांक 26.05.2023 द्वारा एन0टी0पी0सी0 पकरी बरवाडीह (North-West) ऑपेन कास्ट कोल माईनिंग प्रोजेक्ट (331.198 है0) वनभूमि अपयोजन प्रस्ताव पर दी गई सैद्धांतिक सहमति (Stage-I) के शर्त संख्या—ii में निम्नांकित शर्त अधिरोपित है:—

"A team of specialists from field of Soil Engg, Agriculture Engg, Hydrology. GIS & Geology shall be constituted under chairpersonship of DFO concerned. The team shall continuously study the area for assessing the impact of on-going mining on various environmental/ecological parameter and submit findings report to IRO annually."

भारत सरकार, पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय, क्षेत्रीय कार्यालय रांची के पत्रांक FP/JH/MIN/38798/2019/108 दिनांक 12.02.2024 के कम में प्रधान मुख्य वन संरक्षक—सह—कार्यकारी निदेशक, बंजर भूमि विकास बोर्ड, झारखण्ड, रांची के पत्रांक 301 दिनांक 01.04.2024 द्वारा दिए गए निर्देश के आलोक में विशेषज्ञ समिति का गठन निम्नवत् किया जाता है

SL No.	Name of Specialist & Designation	Institution/Office Name	Remarks	
1	2	3	4	
1	Shri Saba Alam Ansari, IFS	Divisional Forest Officer, Hazaribagh West Forest, Division	Chairman	
2	Shri Anshumali, Professor, Hydrology, GIS & Geology	Department of Environmental Science & Engineering, Indian Institute of Technology (Indian School of Mines), Dhanbad	Member	
3	Dr. Sukalyan Chakroborty, Associate Professor, (Soil & Agriculture)	Department of Civil & Environmental, Engineering, Birla Institute of Technology Mesra, Ranchi	Member	
4	Shri H.N. Sinha, Head of Department of Geology, Dean of Science faculty, VBU	Department of Geology, Vinoba Bhave University, Hazaribagh	Member	
5	Shri Ritesh Kumar Yadav, Anudesak (Engineering)	Office of the Deputy Director Research & Training Centre Demotand, Hazaribagh	Member	
6	Shri Manish Kumar, Assistant Engineer	Office of the Executive Engineer Minor Irrigation Division, Hazaribagh	Member	

विशेषज्ञ समिति भारत सरकार के शर्त के अनुरूप कार्रवाई कर अपना प्रतिवेदन प्रति वर्ष भारत सरकार, पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय, क्षेत्रीय कार्यालय, रांची को समर्पित करेगी।

Date: 07.6.2024

Copy Forwarded to:

1.

Divisional Forest Officer, Hazaribagh West Forest Division, Hazaribagh. 2. Shri Anshumali, Professor, Hydrology, GIS & Geology, Department of Environmental

Science & Engineering, Indian Institute of Technology (Indian School of Mines), Dhanbad 3. Dr. Sukalyan Chakroborty, Associate Professor (Soil & Agriculture) Department of Civil & Environmental, Engineering, Birla Institute of Technology Mesra, Ranchi. 4.

Shri H.N. Sinha, Head of Department of Geology, Dean of Science faculty, VBU Department

of Geology, Vinoba Bhave University, Hazaribagh.

5. Shri Ritesh Kumar Yadav, Anudesak (Engineering) Office of the Deputy Director Research Training Centre Demotand, Hazaribagh

6. Shri Manish Kumar, Assistant Engineer Office of the Executive Engineer Minor Irrigation

Division, Hazaribagh

ह0 / -क्षेत्रीय मुख्य वन संरक्षक, हजारीबाग

ज्ञापांक : 1008 दिनांक : 07·6·2024

प्रतिलिपि:- भारत सरकार, पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय, क्षे कार्यालय, रांची / झारखण्ड सरकार, पर्यावरण वन एवं जलवायु परिवर्तन विभाग, रांची / प्र मुख्य वन संरक्षक-सह-कार्यकारी निदेशक, बंजर भूमि विकास बोर्ड, झारखण्ड, रांची / वन संर प्रादेशिक अंचल, हजारीबाग को सूचनार्थ एवं आवश्यक कार्रवाई हेत् समर्पित।

> ह0 / − क्षेत्रीय मुख्य वन संरक्षक, हजारीबाग

दिनांक : 07 - 6 - 2024 ज्ञापांक : 1008

प्रतिलिपि:- वन प्रमंडल पदाधिकारी, हजारीबाग पश्चिमी वन प्रमंडल को सूचनाः आवश्यक कार्रवाई हेतु प्रेषित। समिति के सभी सदस्यों की अतिरिक्त प्रति संलग्न भेज अनुरोध है कि कार्यालय आदेश की प्रति सभी सदस्यों को हस्तगत कराकर इसकी पावती अभिलेख हेत् इस कार्यालय को भेजने का कष्ट करें।

THRIVENI SAINIK PBNW PRIVATE LIMITED

Project Office: C/o. NTPC Ltd., Langatu, PO: Barkagaon,

Dist.: Hazaribag-825311, Jharkhand, India Phone: 06546-223115, Email::asn@thrivenisainik.com



Date: 18th Aug 2023

Ref: TSPPL/Consultant/PBNW/23-24/01

To.

Indian Institute of Technology (Indian School of Mines)
Department of Environmental Sc & Engineering
(Centre of Mining Environment)
Indian Institute of Technology (Indian School of Mines)
IIT (ISM), Dhanbad – 826004, Jharkhand, India

Kind Attention: - Dr. Biswajit Paul, Professor & Head, Centre of Mining Environment, ISM

Sub: Scientific Studies for Forest Clearance of Pakri Barwadih North West Coal Block of PBCMP, NTPC Ltd.

Ref: Email on Aug 15, 2023 & Aug 18, 2023 - reg

Dear Sir,

With reference to above and subsequent discussion with us, we are pleased to place the work order on you with the scope, deliverable and conditions as stipulated hereunder. Henceforth Indian Institute of Technology (Indian School of Mines) would be called as 'ISM / Service Provider / Consultant' and M/s Thriveni Sainik PBNW Pvt. Ltd would be called as 'TSPPL'.

A. SCOPE OF WORK:

Scope of Services Provider:

ISM shall fulfill the below requirement as given in condition of Stage-1 Forest clearance vide Ltr. No "F. No. 8-56/2009/I/44905/2023 -FC Dtd: 26th May, 2023".

- Reclamation, Eco restoration, and Conservation Plan will be prepared by conducting proper study before initiating mining activities.
- b) Study of river-aquifer interaction using non-invasive geo-physical technique in 10 km radius of NTPC Pakm Barwadih North West Coal Block Site will be conducted to facilitate the delineation of groundwater potential zones, ground water variation in these zones and help in water budgeting to the surroundings.
- c) An integrated soil and water conservation plan will be prepared and implemented for the entire landscape affected by the mining activities in the region.
- d) The Catchment Area Treatment Plan will be prepared and implemented at the cost of the user agency for the treatment of all Nallahs/streams pertaining to instant mining lease project area.
- e) Generation/assessment/validation of drone survey data on spatial and seasonal status of Khorra Nalla & Pakwa Nalla watersheds for having first-hand information on the current status of the Khorra and Pakwa Nalas watershed parallel to the ongoing mining activities.
- f) The Service Provider shall collect data, processing and interpretation in effective and exclusive manner.
- g) The verification and certification by the agency shall be to the satisfaction of State Forest Department.

2 Scope of TSPPL:

- a) Mine plans and other required documents will be provided for the study
- Available scientific studies and reports will be provided for the study.
- c) Engagement of officials to support the scientific study and report preparation.

3 Report Submission:

- a) The Consultant shall ensure that draft report (soft copy) need to be submitted for review within 6 months from the date of order issue and final report submission within one month from the date of review by Project Proponent.
- b) Separate report to be provided for each scope (a to e) mentioned in the scope of service provider for MOFF submission.
- c) The Service Provider is tasked with the responsibility of offering clear and detailed explanations about the submitted to M s. NTPC Ltd.

 Registered Office

F No.-2, S-VIII, Rama Krishna Puram, South Delhi, New Delhi, India - 110022
CIN: U14294DL2020PTC362932

नवीन कुमार / NAVIN KUMAR का बहाउमेक (पर्वादला प्रकेष)। DGM (ENVT. MGMT.) (मनदीवीसी निमिद्धा NTPC Limited कोवना कानव परिवोद्धनाएँ। COAL MINUNG PROJECTS

- d) The Service Provider should be ready to provide explanations to the act of addressing any doubts, queries, or uncertainties to M/s. NTPC Ltd, as and when required by TSPPL.
- e) The requirement to provide clarifications and explanations should adhere to the terms and conditions laid out in the work order. The Service Provider needs to ensure that they meet the obligations and expectations defined in the contract.
- f) The Service Provider shall submit 2 hard copies of the interim and final certification report along with a soft copy.
- g) The report should be submitted in the favor of Pakri Barwadih North West Coal Block, M/s NTPC Ltd. For every individual study, separate report shall be submitted in the name of Pakri Barwadih North West Coal Block, M/s NTPC Ltd.

B. RATE / ORDER VALUE:

Schedule of Charges.

S. No	Description	Amount (Rs.)	
1	Scientific Studies for Forest Clearance of Pakri Barwadih North West Coal Block	Rs. 25,00,000/- (Twenty Five Lakhs Only)	

- GST 18% Extra
- The price is firm and binding throughout the term of the contract term and no escalation is admissible during the contract term.
- Taxes: Taxes extra as per the Govt.'s works contract rule and if tax slab changes during the Contract validity
 period then the new tax slab will be applicable;
- No TDS will be deducted. An educational institute IIT(ISM) is exempted from Income Tax under Section 10 (23C)
- 6. The Service Provider shall settle and clear all the outstanding liabilities before the settlement of final payment.

C. VALIDITY & TERMINATION OF CONTRACT:

- Effective date of Contract: 18.08.2023
- Contract Validity period: 18.08.2023 to 28.02.2024
- TSPPL reserves the right of extension or cancellation of the contract, by serving an advance 7 days' notice; no compensation is tenable for the said termination.
- 4 Termination:
- a) In the event, where, Service provider fails to comply with the conditions, responsibilities, and scope etc. as mentioned w.r.t the 'Work order'.
- b) In the event of Service provider's failure to execute the work/study with due diligence and/or up to the expectation and satisfaction of TSPPL; in such cases, TSPPL reserves the right to complete the remaining work on behalf of the 'Service provider' and complete the work at risk and cost of the Service provider.
- c) In the event that the Services are terminated, the Service provider shall be entitled for payment of such part of the Services rendered up to the date of termination only.

D. PAYMENT TERMS:

- 1. The payment shall be released as follows:
 - a) Advance payment of 50% along with Work Order.

बना सनव परियोजनार्ग COAL MAING PROJECTS इजारीयाग । Hazaribag

- b) Remaining 50% of payment will be made after submission of final report of the study
- TAXES. Payment to 'Service Provider' shall subject to deduction of Tax at source as applicable as per statute of Taxes, Duties, and payable to State Central Government, local bodies are to be borne by the 'Service Provides'

नवीन कुमार / NAVIN KUMAR
अ वृद्याबंवत (पर्वादरम प्रदेशन) / DGM (ENVT. MGMT.)
कर्न्द्रीचीली विभिन्नेड / NTPC Limited

3. ds

- 3. PAYMENT: Payment will be done only by E-Payment, Cheque or Demand Draft. In case of E-Payment and Demand Draft; the bank charges will be deducted. ISM or the duly authorized representative may collect the payment on behalf of ISM. At the time of release of payment, the Contractor should produce valid document whichever is applicable and called for by TSPPL.
- 4. Billing Address: Bills/Invoices with 02 set of hard copies, to be sent to TSPPL at the following address:

Thriveni Sainik PBNW Private Ltd, Project Office, Langatu Barkagaon, Hazaribag Dist, Jharkhand, PIN: 825311

E. GENERAL CONDITIONS OF CONTRACT

1. INDEMNITY

- a) The Service provider shall indemnify and keep indemnified and save harmless TSPPL from and against all actions, suits, proceedings, losses costs, damages, charges, claims and demands of every nature in the execution of the works or in violation of any terms of this contract.
- b) TSPPL reserves the right to deduct/recover the money due to the Service provider any sum notified under the provisions of the relevant Act(s) caused because of violations of any terms and conditions of this contract during or after the contract tenure.
- c) The Service provider shall indemnify TSPPL against all or any payments to be made under and for the observance of any Act, rules & Regulations aforesaid without prejudice to their right to claim indemnity from their staff / sub agencies.

2. FORCE MAJEURE

For any reason whatsoever, which is beyond the reasonable control of both parties such as serious law and order issues, lock-outs, work stoppages, natural calamities, Pandemic, epidemic, lock out, quarantine, embargo, riots, war (whether declared or not), radiation issues etc and / or work is prohibited by way of any notice/circular order enacted by statutory bodies, preventing the project/business work to continue (even temporarily), in such cases, obligations of either party would be excused upon documentary evidence for such periods, only. TSPPL will not be required to make the payment for such period of stoppage and at its discretion can decide to foreclose the contract. Both parties to contract reciprocally will not be held responsible for any concurrent and / or consequential losses in this regard.

3. CONFIDENTIALITY

The Service provider shall always keep confidential the contents of this Agreement and will not make any disclosure of the existence of this Agreement or any terms of this Agreement without the consent of the TSPPL, unless required by law.

The Service provider agrees to promptly return all Confidential Information and copies thereof, that is documentary altered or copied, or changed in any way within 10 (ten) days from the written request of TSPPL or on the completion of the Services.

4. ASSIGNMENT

The Service provider shall not, without previous consent of TSPPL in writing, assign any benefit or obligations under this Agreement or any part thereof to any other person or parties.

5. DISPUTE RESOLUTION

Service provider and TSPPL shall meet at a mutually agreed time and place and shall put in their best efforts to resolve in an amicable, efficient and effective manner any dispute which may arise from time to time connection with this Contract.

नवीन कुमार / NAVIN KUMAR

मृत्य बहुत्यवयक (पर्यावरण प्रवेदाने) / DGM (ENVT. MGMT.) एनटीचीटी दिनिष्टेड / NTPC Limited कोचता खनन परितोजनाएं / COAL MINING PROJECTS एजारीवाम / Hazaribad 8.00

6. ARBITRATION

If at any time dispute arises between TSPPL and the Service provider in course of operation of this 'Work order' the dispute shall be referred to 3 arbitrators, one from each side under the provision of Arbitration & Conciliation Act 1996 and later amendments if any. The nominated arbitrators shall appoint a chairman arbitrator. The arbitration proceeding shall be held at Ranchi District in the State of Jharkhand under the Jurisdiction of Court of Law of State Jharkhand. For all purpose and legal dispute will be under the jurisdiction of the Court of Law at Ranchi, Hazaribagh, Jharkhand.

7. JURISDICTION

The parties hereto unconditionally and irrevocably agree to submit to the exclusive jurisdiction of the competent courts in Ranchi only with regard to any question or matter arising out of this Agreement and any other documents that may be executed by the parties hereto or any of them in pursuance hereof or arising here from.

8. INTELLECTUAL PROPERTY (IP) RIGHTS

All copyrights, design rights or patents in all drawings, reports, specifications, calculations and other documents supplied/produced by the Service provider ('the Intellectual Properties') shall belong to TSPPL, subject to the condition that TSPPL shall pay the professional fees as per relevant clause of this Agreement for the completed level of service. In the case of early termination of this Agreement, TSPPL shall have the exclusive proprietary right for the partial completed set of documents without any restriction. TSPPL shall at all time will be at its liberty to continue with the Project/partial completed set of documents either by itself or by appointing any third party Service providers. However, the documents provided by Service provider is required to be used by TSPPL for other purpose which is not related to the project under consideration here, then written approval shall be taken from Service provider for usage.

Thanking You, Yours faithfully

For Thriveni Sainik PBNW Pat Ltd. (TSPPL)

Authorized Signatory

"The above mentioned terms and conditions are acceptable to us and we shall abide by these." Accepted on behalf of Indian Institute of Technology (Indian School of Mines)

Authorized Signatory

नवीन कुमार / NAVIN KUMAR स्व म्हाप्रवेशक (पर्यायन्त्र प्रवेशन) i DGM (ENVT. MGMT.) एन्टरिवीली निर्मिटेड/ NTPC Limited क्षेपता स्वन्त्र परिवोजनाएँ। COAL MINING PROJECTS हजारीवान / Hazaribag



DEPARTMENT OF ENVIRONMENTAL SCIENCE & ENGINEERING (Centre of Mining Environment)

Indian Institute of Technology (Indian School of Mines) Dhanbad Dhanbad, Jharkhand, India- 826004

To
The AGM
PB North-West Coal Mining Project
Site Office: Sikri, Barkagaon
NTPC Ltd,
Hazaribagh, Jharkhand

Generate Drone Survey data on the spatial and Seasonal status of the Khora and Pakwa Nala watersheds to have first-hand information on the current status of the Khora and Pakwa Nala watersheds parallel to the ongoing mining activities in the study area, of NTPC PBCMP North West Project Report.

1. Introduction

The NTPC-operated PBCMP (Plantation, Biodiversity Conservation, and Monitoring Project) aims to study the current status of the Khora Nala and Pakwa Nala watersheds. Data collection for this study has been conducted across different seasons.

2. Objective of the Study-

- To evaluate the existing status of the Khora Nala and Pakwa Nala watersheds.
- To analyze the impacts of mining activities.
- To study geographical and environmental changes according to the seasons of Khora and Pakwa Nala.

3. Data Collection Process

- Drone Survey:- Drone-Survey images series on the spatial and Seasonal status of Khora and Pakwa nala (Watersheds) has been collected.
- Atmospheric corrected Drone images of Khora Nala and Pakwa nala Watershed were taken. (All images captured by high-potential UAVs).
- Field Work:- Physical inspections and measurements were conducted to validate the drone data survey.
- All necessary data for this study has been successfully collected.

Seasonal Data Collection

- Summer:-Measurement of water levels, Changes in land use assessment of vegetation health
- Monsoon:-Water flow and flood conditions, Soil erosion studies.
- Winter: -Assessment of water drainage and evaluation of regeneration status.

Data Analysis

खनव परियोजनाएं/ COAL MINING PROJECTS इजारीयाग / Hazaribag

The process of compiling and analyzing data collected from various seasons is currently underway. Conclusions are being drawn based on all the necessary data.



DEPARTMENT OF ENVIRONMENTAL SCIENCE & ENGINEERING (Centre of Mining Environment)

Indian Institute of Technology (Indian School of Mines) Dhanbad

Dhanbad, Jharkhand, India-826004

6. Institutional Contribution

The study is being conducted by ISM IIT Dhanbad, which plays a crucial role in data collection and analysis.

7. Conclusions and Recommendations

Strategies for watershed management will be developed based on the study's findings.

Yours Faithfully

Prisongel Paul

Prof. Biswajit Paul

Head, Centre for Mining Environment

Dept. of Environmental Science and Engineering

IIT (ISM), Dhanbad-826004, Jharkhand, India

E-mail: biswajit@iitism.ac.in

नवीन कुमार / NAVIN KUMAR एव महावर्षक (वर्षावरण प्रवधन) / DGM (ENVT. MGMT.) एमटीवीली लिप्टिंडा NTPC Limited क्रोमाना कलव वरिकोजनाएं / COAL MINING PROJECTS

प्रशासियाग / Hazaribag

Date: 19,10,2024

UNDERTAKING

(UA shall generate drone survey data on spatial and seasonal status of Khorra Nalla & Pakwa Nalla watersheds.)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that

"Drone Survey data generation on spatial and seasonal status of Khorra
Nala & Pakwa Nala watersheds is under progress. Work for the study has
been awarded to IIT-ISM"

For NTPC Ltd.

MACH SH Divisional Forest Onicer

West Division, Hazaribag

[Navin kumar]
Dy. GM (Envt. Mgmt.)
PB & PB-NW CMP
NTPC Ltd.- Hazaribag

नवीन कुमार / NAVIN KUMAR का प्रकारक (स्वंतन कार) / Don part mont) क्योंकी अध्येश MIPC Limited कारत कार्य कीर्यकर// COAL MINES PROJECTS (स्वकेशन / Hamaribas) Ref. No. NTPC/PB-NW/2024/ 293

Date: 19.12.2023

UNDERTAKING

(Study of river-aquifer interaction)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that

"Report is under finalisation on River-aquifer interaction using noninvasive geo-physical technique in 10 km radius of Pakri Barwadih Coal mine. Work for the same has been awarded to IIT-ISM"

For NTPC Ltd.

 [Navin kumar]
Dy. GM (Envt. Mgmt.)
PB & PB-NW CMP
NTPC Ltd.- Hazaribag

नवीन कुमार / NAVIN KUNIAR पर प्राचंक (प्लंबन कंग्ने / क्या हातर सकार) एसकेस शिरोज HTPC Limited पंचा पात्र परिचेत्र (/ COAL MERIO PROJECTS प्रशासिय / Hamaribag





(भारत सरकार का उद्यम)

NTPC Limited

(A Govt. of India Enterprise)

कोयला खनन् परियोजनाएँ, हजारीबाग Coal Mining Projects, Hazaribag

Date: 30.03.2024

Ref. No. NTPC/PB-NW/2024/234

To,

Divisional Forest Officer, Hazaribagh West Forest Division, Hazaribagh, Jharkhand

<u>Subject</u>: Submission of <u>Reclamation, Eco- restoration, and Conservation Plan</u> with respect to the Condition No - v of Stage-I Forest Clearance for 331.198 Ha forest area for Pakri Barwadih North-West (Proposal No.: FP/JH/MIN/38798/2019)

Dear Sir,

It is humbly submitted that Clearance for diversion of 331.198 Ha forest area was granted by MoEF&CC vide Ltr. No "F. No. 8-56/2009 –FC-(VoI) dtd: 26th May 2023" for Pakri Barwadih North-West Coal mining project of NTPC Limited.

Condition-v of the Stage-I Forest Clearance stipulates that:

"Since the area is rich in species composition therefore Reclamation, Eco- restoration, and Conservation Plan shall be prepared by conducting proper study before initiating mining activities."

Accordingly, the plan has been prepared and being submitted 02 copies to your good office for kind consideration.

Thanking you,

Yours sincerely

(Navin Kumar)

Dy. GM (Envt. Mgmt.)
PB & PB-NW CMP, NTPC Ltd.

नव कुमार I MAVIN KUMAT

प्रव पहर क्रांत (प्रयोगन प्रस्तान) i GEN ENVT MGMT.) मन्द्राचीनी निर्मेदर/ NTPC Limited क्षेत्रक प्रस्त निर्मेदर/ ODA: MINING PROJECTS

क्रमंत्रीबाग / Hazaribag

Copy to: RCCF, Hazaribagh

: PCCF cum Nodal officer, Ranchi, GoJH

कोयला खनन् परियोजनाएँ, सिकरी साईट कार्यालय, बङ्कागाँव, हजारीवाग – 82531म्वीन कुमार / NAVIN KUMAR
Coal Mining Projects, Sikri Site Office, Barkagaon, Hazaribag - 82531 कु महासंक (प्यावल प्रवेच) / DGM (ENVI. MGMT.)
पंजीकृत कार्यालय : एनटीपीसी भवन, स्कोप कॉम्प्लेक्स, ७, इंस्टिट्यूरानल एरिया, लोधी रोड, नई दिल्ली – 110003. टेलीफोन नं/Tel: 011-24387333, विकाल किस्प्रानिक अभिप्रतिक अभिप्रत





(A Govt. of India Enterprise)

कोयला खनन परियोजनाएँ, हजारीबाग Coal Mining Projects, Hazaribag

Date: 30.08.2024

Ref. No. NTPC/PB-NW/2024/279

To,

Divisional Forest Officer, Hazaribagh West Forest Division, Department of Forest- GoJH, Hazaribagh, Jharkhand

<u>Subject</u>: Submission of <u>Catchment Area Treatment Plan</u> & <u>Integrated Soil and Water Conservation Plan</u> regarding Stage-I Forest Clearance for 331.198 Ha forest area for Pakri Barwadih North-West (Proposal No.: FP/JH/MIN/38798/2019)

Ref.: 1) Office Order No. 106 & 107 dated 24.07.2024 from PCCF, Jharkhand

Dear Sir,

With regard to the aforementioned plans i.e. <u>Catchment Area Treatment Plan</u> & <u>Integrated Soil</u>

and <u>Water Conservation Plan</u> in reference to compliance of conditions – vi & vii of Stage-I FC of Pakri Barwadih North-West Coal Mine, a meeting was held at PCCF office, Ranchi on 19.07.2024.

Modifications were suggested in plans vide letters mentioned under reference above.

It is humbly submitted that modifications have been incorporated in both the plans in accordance with the observations and suggestions made by Forest office and both plans are being submitted to your good office for further processing.

Thanking you,

Yours sincerely

Navin Kumar)

नवीन कुमार / NAVIN KUMAR स्य नहराक्षक (प्रवीवरून प्रकार) / DGM (EMVT. MORE)

Copy to: 1) Principal Chief Conservator of forest, Jharkhand, Ranchi Principal Chief Conservator of forest, Jharkhand, Ranchi

2) Regional Chief Conservator of Forest, Hazaribagh

् PROME! IRRES! NTPC Limited ता सन्तर परिताजनार। COAL MINING PROJECTS सजारीवान / Hazaribag

कोयला खनन परियोजनाएँ, सिकरी साईट कार्यालय, यङ्कागाँव, रुजारीबाग — 825सपान कुमार / NAVIN KUMAR

Coal Mining Projects, Sikri Site Office, Barkagaon, Hazaribag - 825क्षांक्रकंक (पर्वत्य प्रकान) DOM (ENVI. MONT.)

पंजीवृत कार्यालय : एनटीपीसी भवन, स्कोप कॉन्फीवस, 7, इंस्टिट्यूशनस एरिया, लोगी शेड, नई दिल्ली — 110003. टेलीफोन नं,/Tel: 011-243873 कि प्रकार कि प



Office of the Principal Chief Conservator of Forests, Wildlife & Chief Wildlife Warden, Jharkhand. Van Bhawan, Doranda, Ranchi-834002

Van Bhawan, Doranda, Ranchi-834002 Email: pcci-wildlife@gov.in,Phone No. 0651-2481744



Office Order No...32....

Date 08 - 08 - 2023

Sanction Order of the Site-Specific Wildlife Management Plan with reference to diversion of 331.198 ha of forest land Pakri Barwadih North Coal Mining Project in favour of M/s. NTPC Ltd in Hazaribagh district of Jharkhand.

The instant Site-Specific Wildlife Management Plan (referred to as "the Plan" here in after) has been prepared by Ecos Offset Private Ltd on behalf of M/s. NTPC Ltd in Hazaribagh. (referred to as "the User Agency or M/s NTPC Ltd") in pursuance of the following conditions/ Terms of Reference laid by MoEF&CC under item no (viii) and (xxviii) of Stage-I vide latter no. 8-56/2009-FC (Vol) dated 26-05-2023 for diversion of 331.198 Ha of forest land under Pakri Barwadih North Coal Mining Project in Hazaribag district of Jharkhand:

The aforesaid Term of Reference laid by the Central Government reads as follows:

viii. The mining in the area should be in consonance with the "integrated Wildlife Management Plan" of North Karanpura. The cost estimate of integrated Wildlife Management Plan (IWMP) submitted is based on the rate of 2010, while approval is being considered in 2023, hence rate revision has to be done based on the present rate."

xxviii. No damage to the flora and fauna of the adjoining area shall be caused.

In the above stated background, the Regional Chief Conservator of Forests, Hazaribag (RCCF, Hazaribag) vide his letter no. 1546 dated 22.06.2023 has submitted the Plan to the office of the undersigned for its due sanction.

In order to examine the plan prescriptions a communication was issued to the Regional Chief Conservator of Forests, Hazaribag, vide this office letter no. 889 dated 19.07.2023, to arrange a Power-Point Presentation on 25-07-2023 in the Office chamber of the undersigned. The presentation was made by the PP in the presence of RCCF, Hazaribag, DFO, Hazaribag West, Sri H.S Gupta (Ex PCCF, Wildlife, Jharkhand), Sri Sachin Yadav, Senior Manager, Pakri Barwadih North West Coal Mine, NTPC Ltd and Sri Kislay Kumar (Consultant) Ecos Offset Private Ltd.

The cost of the Plan with respect to the activities to be carried out by DFO, Hazaribag West has been estimated to be Rs. 4531.46 lakh. The summary of the proposed interventions (component wise) under the Plan with the objective of conservation of forest and wildlife resources as also to mitigate the impacts of mining on forests and wildlife is as follows:

Page 1 of 4

s.N.	Work Component	Cost estimates (Rs. In Lakh) To be implemented by the DFO Hazaribag West
4	Biodiversity Enhancement	1757.16
2	Measures for forest protection, anti-depredation and	351,41
	wildlife protection Fire prevention and protection of habitat	227.37
4	Livelihood improvement and capacity building to local	351.50
5 .	People Capacity building of forest department for implementing, monitoring and supervision of plan	337.98
6	Establishment of Project Management Unit cum Elephant research center	512.20
_	Community-Development	133.60
8	Awareness promotion about Medecinal Plants and protection of endangered species.	65.00
9	Corpus Fund for ex Gratia payment (lumpsum Rs 10 Lakhs) to be topped up on advice by CWLW. Amount to be disbursed based on demand note from DFO Hazaribag West	30.00
10	Contingency amount	
10	Total:	3776.21
11	Cost Escalation @20%	755.24
11	Grand Total:	4531.46

The Plan with a total financial outlay of Rs. 4531.46 Lakh extends over a period of 10 years (Year 2023-24 to 2032-33; tentatively) shall be utilized by the Forest Department through the DFO, Hazaribag West in accordance with the Plan prescriptions. Amount Rs 4531.46 Lakhs of SSWMP shall be deposited in CAMPA Account by User Agency.

Considering the proposals under the plan, sanction is hereby accorded to the instant Plan subject to the following conditions:

- That the User Agency shall ensure that its officials/contractors and the work force engaged into mining and allied operations under the Project shall not commit or abet any forest/wildlife offence in their area of operation. They will also promptly report any forest/wildlife offence in the area to the nearest forest office/official. Further, they will extend their full cooperation to the forest officials in control/mitigation of any incident, natural or man -made, detrimental to forest and wildlife in their area of operation.
- (ii) That the total amount of Rs. 4531.46 lakh shall be deposited by the User Agency into CAMPA account under the relevant head/sub-head and shall be utilized by the State Forest Department through the DFO, Hazaribag West, as delineated under the Plan, strictly in accordance with the prevailing norms under the Jharkhand Forest Department.

(iii) That the User Agency shall implement the activities mentioned under Chapter 4 of the Plan. The implementation shall be under the direction and strict supervision of DFO, Hazaribag West Divition.

(iv) That as regards the funds carmarked against activities to be undertaken by the State Forest Department, DFO, Hazaribag West Division shall prepare a detailed Annual Plan of Operations (APO) in the beginning of every financial year in respect of the instant Plan following all the rules, regulations, Schedule of Rates etc. issued from time to time by the State Government/ Forest Department. Regional Chief Conservator of Forests, Hazaribag shall accord sanction to the said APO following due process and he/she will closely monitor the progress of the activities undertaken by Divisional Forest Officer, Hazaribag West.

(v) That the Conservator of Forests, Hazaribag shall supervise all the activities as per directions issued by the Forest Department from time to time.

(vi) That the DFO, Hazaribag West shall carry out the activities under the Plan strictly as per the duly sanctioned APO.

(vii) That the DFO, Hazaribag West shall ensure that no violation of duly sanctioned Working Plan of Hazaribag West Forest Division takes place during implementation of any of the activities involved in this plan over notified and demarcated forest land.

(viii) That at least one year before the expiry of the instant Plan the User Agency shall formulate and submit to the Forest Department another plan in continuation of the instant plan for next 10 years. The impact of implementation of this Plan shall be evaluated by the competent authority.

(ix) That the instant Plan is dynamic and may be revisited after every 2 years and a revised plan may be formulated as per need of the project impacted area and convenience of the implementing agencies. The revised plan, if any, shall be put up before the Principal Chief Conservator of Forests, Wildlife & Chief Wildlife Warden, Jharkhand for its due approval.

That though adequate provisions have been made towards cost escalation in the plan viz. increase in wage rate/ material cost etc., yet the User Agency shall submit an undertaking to the Divisional Forest Officer, Hazaribag West to the effect that they will deposit extra cost of the plan beyond the cost escalation provision owing to increase in wage rate etc. in due course of time as well as consequent upon revision in the plan, if any, as and when given effect to by the competent authority.

Principal Chief Conservator of Forests Wildlife and Chief Wildlife Warden, Jharkhand Memo No.

Dated:

Copy forwarded to Deputy Director General of Forests (Central), Ministry of Environment, Forests and Climate Change, Integrated Regional Office, Harmu Housing Colony, Ranchi [E-mail: ro.ranchi-mef@gov.in] for information and necessary action.

Sd/-

Principal Chief Conservator of Forests Wildlife and Chief Wildlife Warden, Jharkhand

Memo No.

Dated:

Copy forwarded to Additional Chief Secretary, Department of Forests, Environment and Climate Change, Govt. of Jharkhand Ranchi/ Principal Chief Conservator of Forests, Jharkhand, Ranchi/ Principal Chief Conservator of Forests-cum-Executive Director, Wasteland Development Board, Jharkhand, Ranchi for Information.

Sd/-

Principal Chief Conservator of Forests Wildlife and Chief Wildlife Warden, Jharkhand

Memo No.

Dated:

Copy forwarded to Additional Principal Chief Conservator of Forests, CAMPA, Jharkhand, Ranchi with a copy of plan for Information and necessary action.

Sd/-

Principal Chief Conservator of Forests Wildlife and Chief Wildlife Warden, Jharkhand

Dated: 03-08-2023 1005

Copy forwarded to Regional Chief Conservator of Forests, Hazaribag/Conservator of Forests, Hazaribag/ Divisional Forest Officer, Hazaribag West Forest Division for information and necessary action.

Principal Chief Conservator of Forests

कार्यालय , वन प्रमंडल पदाधिकारी, हुन्नी वन्सांड्ल ।

ज्ञापांक:

प्रतिलिपि अपर महाप्रबंधक (खनन), एन०टी०पी०सी० लिमिटेड, पकरी बरवाडीह कोल खनन परियोजना, सिकरी साईट कार्यालय,, बडकागांव, हजारीबाग को सूचनार्थ एवं आवश्यक कार्रवाई हेत् प्रेषित।

> EO /-वन प्रमंडल पदाधिकारी.

हजारीबाग पश्चिमी प्रमंडल

ज्ञापांकः ४४४०

ज्ञापांकः 444/4 दिनांकः कृति १८/३ प्रतिलिपि वन क्षेत्र पदाधिकारी, बङ्कागांव प्रक्षेत्र की सूचनार्थ एवं आवश्यक कार्रवाई हेत्

प्रेषित।

Driggenday/pakes barwadth Noth Coal Mining

हजारीबाग पश्चिम

ole



कार्यालय – वन प्रंमडल पदाधिकारी, हजारीबाग पश्चिमी वन प्रमंडल, वन भवन, हजारीबाग

■ 06546-222339, Email- dfo.hazaribaghwest@rediffmail.com & dfo-hazaribaghwest@gov.in

पत्रांक: ५९०६

दिनांकः 0/109/23

सेवा में.

अपर महाप्रबंधक (पर्यावरण प्रबंधन), कोयला खनन परियोजनाएं, एन0टी0पी0सी0 लिमिटेड, सिकरी साईट, बड़कागाँव, हजारीबाग

विषय:-

एन0टी0पी0सी0 लिमिटेड पकरीबरवाडीह उतरी-पश्चिमी ब्लॉक कोल माइनींग खनन परियोजना हेतु 331.198 हे0 वन भूमि का अपयोजन प्रस्ताव पर भारत सरकार द्वारा स्टेज-1 की स्वीकृति में लगाये गये शर्तों के अनुपालन के संबंध में।

प्रसंग :--

भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्त्तन मंत्रालय, नई दिल्ली का पत्रांक 8-56/2009/FC-(VOL) दिनांक 26.05.2023, प्रधान मुख्य वन संरक्षक—सह—कार्यकारी निदेशक, बंजर भूमि विकास बोर्ड, झारखण्ड, रांची का ज्ञापांक 569 दिनांक 30.05.2023 एवं वन संरक्षक, प्रादेशिक अंचल, हजारीबाग का ज्ञापांक 1151 दिनांक 02.06.2023 तथा आपका पत्रांक 160 दिनांक 20.07.2023, पत्रांक 168 दिनांक 18.08.2023 तथा इस कार्यालय का पत्रांक 4256 दिनांक 02.08.2023।

महाशय,

उपर्युक्त विषयक प्रसंगाधीन पत्र के संदर्भ में सूचित करना है कि विषयक परियोजना में भारत सरकार पर्यावरण, वन एवं जलवायु परिवर्त्तन मंत्रालय, नई दिल्ली का पत्रांक 8-56/2009/FC-(VOL) दिनांक 26.05.2023 द्वारा 32 शर्तों के साथ स्टेज—I की सैद्वांतिक स्वीकृति प्रदान की गई है। जिसमें शर्त संख्या xi(b) में क्षतिपूरक वनरोपण (659.93 है0) एवं शर्त संख्या xiii के कम में (1.84 है0) सेफ्टी जोन पर वृक्षारोपण की राशि 15,62,23,890.00 (पन्द्रह करोड बासद लाख तईस हजार आद सौ नब्बे रूपये। प्राक्कलन संलग्न), xi(b) के कम में पक्का सीमा स्तम्म की राशि 40,13,800.00 (चालीस लाख तेरह हजार आद सौ रूप्या) एवं शर्त संख्या xviii एन०पी०नी० राशि 44,94,72,117.78 (चौवालीस करोड चौरानबे लाख बहत्तर हजार एक सौ सत्रह रूपया अठहत्तर पैसे), तथा शर्त संख्या Viii & xxviii

के आलोक में प्रधान मुख्य वन संरक्षक, वन्य प्राणी प्रतिपालक, झारखण्ड, रांची का कार्यालय आदेश संख्या 32 ज्ञापांक 1005 दिनांक 3.08.2023 द्वारा अनुमोदित IWMP की राशि 45,31,46000.00 (पैंतालीस करोड एकतीस लाख छियालीस हजार रूप्या (पत्र की छाया प्रति संलग्न) कुल 106,28,55,807.78 (एक सौ छः करोड अठ्ठाइस लाख पचपन हजार आठ सौ सात रूपये अठहत्तर पसे) मात्र भुगतेय राशि e-Portal (hattps://parivesh.nic.in/) के माध्यम से कैम्पा के खाता में जमा करते हुए भारत सरकार द्वारा लगाये गये सभी शर्ता का कंडिकावार अनुपालन प्रतिवेदन 08 प्रति में समर्पित करना सुनिश्चित किया जाय। साथ ही इस मांग पत्र में वर्णित अन्य मदो में विभागीय उच्चाधिकारियों द्वारा किसी तरह का संशोधन होता है तो संशोधित राशि भी आपको जमा करना होगा।

अनु0—यथोक्त।

आपका विश्वासी.

वन प्रमंडल पदीधिकारी

हजारीबाग पश्चिमी प्रमंडल

संशोधित मांग पत्र

भारत सरकार द्वारा सैद्धान्तिक सहमित प्रसंग— 8-56/2009/FC-(VOL) दिनांक 26.05.2023 द्वारा एन0टीं0पी0सी0 लिमिटेड पकरीबरवाडीह उतरी ब्लॉक कोल माइनींग खनन परियोजना हेतु 331.198 है0 वन भूमि का अपयोजन का प्रस्ताव पर भारत सरकार द्वारा सशर्त सैद्धान्तिक सहमित में निहित शर्तों के आलोक में मांग पत्र:—

हजारीबाग पश्चिमी वन प्रमण्डल

वनों का घनत्व :- 0.8

मद	रकवा	दर (हे0)	राशि (रू०)
(1.) एन०पी०मी०	331,198 乾0	1357110.00	44,94,72,117.78 (चौवालीस करोड चौरानबे लाख बहत्तर हजार एक सौ सत्रह रूपया एवं अठहत्तर पैसे) मात्र।
 (2.) क्षतिपूरक वनरोपण राशि सेफ्टी जोन का रकवा — 1.23 है0 क्षतिपूरक वनरोपण के लिए सेफ्टी जोन का 1.5 गुना रकवा—1.84 है0 वनभूमि रकवा (सेफटी जोन के बिना) — 329.968 है0 (331.198 - 1.23) क्षतिपूरक वनरोपण के लिए वनभूमि रकवा का दोगुना — 659.93 है0 (329.968 * 2) कुल क्षतिपूरक वनरोपण रकवा (1.5 गुना सेफ्टी जोन + 2 गुना वनभूमि) — 661.77 है0 (659.93 + 1.84) 	गणना के आधार राशि ।	ण के वास्तविक पर मांग की गई 346.01 रू० प्रति	15,62,23,890.00 (पन्द्रह करोड बासठ लाख तईस हजार आठ सौ नब्बे रूपये (प्राक्कलन संलग्न) मात्र।
(3) पक्का सीमा स्तम्भ	854 Pillar x (@ 4700.00	40,13,800.00 (चालीस लाख तेरह हजार आठ सौ) मांत्र
(4) वन्य प्राणी प्रबंधन योजना	प्रधान मुख्य वन्यप्राणी एवं मु प्रतिपालक, झारर कार्यालय आदेश 03.08.2023 एवं दिनांक 03.08.202 वन्य प्राणी प्रबंधन	ख्य वन्य प्राणी खण्ड रांची का संख्या 32 दिनांक ज्ञापांक 1005 3 द्वारा अनुमोदित	45,31,46,000.00 (पैंतालीस करोड एकतीस लाख छियालीस हजार) मात्र
			कुल :- 106,28,55,807.78 (एक सौ छः करोड अठ्ठाइस लाख पचपन हजार आठ सौ सात रूपये अठहत्तर पैसे मात्र)

यदि माँग पत्र में संशोधन होता है तो संशोधित राशि विभाग के पक्ष में देय होगा।

वन प्रमंडल पदीधिकारी हजारीबाग पश्चिमी प्रमंडल

aga

AGENCY COPY







NEFT / RTGS CHALLAN for CAMPA Funds

Date: 18-11-2023

Agency Name.	NTPC - PAKRI BARWADIH COAL MINING PROJECT
Application No.	5838798908
MoEF/SG File No.	8-56/2009-FC VOL.
Location.	JHARKHAND
Address.	SITE OFFICE SIKRI, POST BARKAGAONHazaribag
Amount(in Rs)	1062855807/-

Amount in Words: One Hundred and Six Crore Twenty-Eight Lakh Fifty-Five Thousand Eight Hundred and Seven Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	JHARKHAND CAMPA
IFSC Code:	UBIN0996335
Pay to Account No.	150725838798908 Valid only for this challan amount.
Bank Name & Address:	Union Bank Of India FCS Centre,21/1, III Floor Jelitta Towers, Mission Road, Bengaluru-560027

 This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

BANK COPY







NEFT / RTGS CHALLAN for CAMPA Funds

Date: 18-11-2023

Agency Name.	NTPC - PAKRI BARWADIH COAL MINING PROJECT
Application No.	5838798908
MoEF/SG File No.	8-56/2009-FC VOL.
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Bank Name & Address:	Union Bank Of India FCS Centre, 21/1, III Floor, Jelitta Towers, Mission Road, Bengaluru-560027

 This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

Note:After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date and reference id to Email: fcsblr@unionbankofindia.bank, epurse@unionbankofindia.bank, ubin0903710@unionbankofindia.bank

नवीन कुमार / NAVIN KUMAR स्य महामानक (पर्मायका महान) outs (ERVI. MGMT.) (ज्हांपीटी क्रिक्ट NYPC Limited कोवला समय प्रियोजन्य (COAL MAUNG PROJECTS

कृतारीक्षण / Hazaribag



Pakri Barwadih CMP

Sikri Site Office, P.O. Barkaga Hazaribag - JHARKHAND 825311

Name of the Company NTPC Limited

Registered Office:

NTPC Brawer, SCOPE Complex, 7, Institutional Area

Loci Ross, New Debi - 110003

Date / दिनाक: 28.11.2023

PAN

L40101DL1975GOI007966

AAACN0255D

Teleginoria No.

FAX No. m-Start

Website

WWW.PSpc.doi.in

Ref No. / सन्दर्भ संख्या: IN35R/2023262147/22.11.2023

To / सेवा में .

Ad-hoc CAMPA Account No CA 1587 CORPORATION BANK DG FOREST & SPECIAL SECRETARY. GOI, MOEF, PARYAVARAN BHAVAN CGO COMPLEX LODHI ROAD **NEW DELHI 110003** Email:

Dear Sir / Madam, बादरणीय महोदय/महोदया,

We are pleased to inform you that the company has arranged to remit the amount as per the following details. directly to your bank Union Bank of India, FCS Centre, Bangalore account number 150725838798908 with Payment Ref No : SBINR12023112485848761.

हमें आपको यह सुचित करने में प्रसन्नता हो रही है कि कंपनी ने निम्नलिखित विवरण के अनुसार राशि को सीधे आपके वैंक Union Bank of India, FCS Centre, Bangalore बाता संख्या 150725838798908 पर प्रेषित करने की व्यवस्था की है।

Total Amount Paid

Amount (in words) / राशि :

Rupees Forty-Five Crore Thirty-One Lakh Forty-Six Thousand

The amount has been credited to your bank account as indicated above though Electronic Clearing Service (ECS) and therefore, no service charge is deductible by your bank.

उपरोक्त वर्णित राशि इलेक्ट्रॉनिक क्लियरिंग सेवा (ईसीएस) के माध्यम से आपके वैंक खाते में जमा की गई है और इसलिए, आपके वैंक द्वारा इसके लिए कोई सेवा शुरूक नहीं लगाया जा सकता है

If the amount is not received in your account kindly contact the EIC (Engineer In Charge) / Store Department, giving the above reference number.

यदि राशि आपके खाते में प्राप्त नहीं होती है तो कृपया ईआईसी (इंजीनियर प्रभारी) / स्टोर विभाग से उपरोक्त संदर्भ संख्या के साथ संपर्क करें

This is a computer generated communication and does not require any signature.

यह संचार कंप्यूटर द्वारा निष्पादित है ,तथा इसमें किसी भी इस्ताक्षर की आवश्यकता नहीं है

नवीन कुमार / NAVIN KUMAR

चन महाप्रवेशक (पर्यायस्य प्रवेशन) / DGM (ENVT. MGMT.)

हजारीबाग / Hazaribag

This is a computer generated communication, For any query endual GARS/NTPC Limited



Pakri Barwadih CMP

Sikri Site Office, P.O. Barkaga Hazaribag - JHARKHAND 825311

Name of the Company NTPC Limited

Registered Office-

NEPC Browen, SCOPE Complex, F. Institutional Area

Lody Road, New Dem - 110003.

Date / दिनाक: 28.11.2023

CIN

L40101DL1975GOI007966

AAACN0255D

PANC Telephone No.

PACK NO. n-Africa

Vermon

WWW.TEGCTO-IT

Ref No. / सन्दर्भ संख्या: KC58R/2023265633/25.11.2023

To / सेवा में ,

Ad-hoc CAMPA Account No CA 1587 CORPORATION BANK DG FOREST & SPECIAL SECRETARY. GOI, MOEF , PARYAVARAN BHAVAN CGO COMPLEX LODHI ROAD **NEW DELHI 110003** Email:

Dear Sir / Madam. आदरणीय महोदय/महोदया,

We are pleased to inform you that the company has arranged to remit the amount as per the following details, directly to your bank Union Bank of India, FCS Centre, Bangalore account number 150725838798908 with Payment Ref No : SBINR12023112586053399.

हमें आपको यह स्चित करने में प्रसन्नता हो रही है कि कंपनी ने निम्नलिखित विवरण के अनुसार राशि को सीघे आपके वैंक Union Bank of India, FCS Centre, Bangalore खावा संख्या 150725838798908 पर प्रेचित करने की व्यवस्था की है।

Total Amount Paid

449,472,118.00

Amount (in words) / राशि :

Rupees Forty-Four Crore Ninety-Four Lakh Seventy-Two

The amount has been credited to your bank account as indicated above though Electronic Clearing Service (ECS) and therefore, no service charge is deductible by your bank.

उपरोक्त वर्णित राशि इलेक्ट्रॉनिक क्लियरिंग सेवा (ईसीएस) के माध्यम से आपके वैंक खाते में जमा की गई है और इसलिए, आपके वैंक द्वारा इसके लिए कोई सेवा शुल्क नहीं लगाया जा सकता है

If the amount is not received in your account kindly contact the EIC (Engineer In Charge) / Store Department. giving the above reference number.

यदि राशि आपके खाते में प्राप्त नहीं होती है तो कृपया ईआईसी (इंजीनियर प्रभारी) / स्टीर विभाग से उपरोक्त संदर्भ संख्या के साथ संपर्क करें

This is a computer generated communication and does not require any signature.

यह संचार कंप्युटर द्वारा निष्पादित है ,तथा इसमें किसी भी हस्ताक्षर की आवश्यकता नहीं है

This is a computer generated communication. For any query ple of the contact SIC.

नवीन कुमार / NAVIN KUM

कोचला स्वत्व वरियोजनाएँ। COAL MINING PROJ हजारीबाम / Haxaribag



Pakri Barwadih CMP

Sikri Site Office, P.O. Barkaga Hazaribag - JHARKHAND 825311

Name of the Company NTPC Limited

Ragislaned Office

NTPC Brawen, SCOPE Complex. F. Institutional Area

Loc Road, New Serv - 11000

Date / दिनाक 28.11.2023

Dist PAN L40101DL1975GO1007966

AAACN0255D

Tanapporte No.

TAXE NO.

si-Mari

Wappile

www.mac.do.in

Ref No. / सन्दर्भ संख्या: KC58R/2023265634/25.11.2023

To / सेवा में . Ad-hoc CAMPA Account No CA 1587 CORPORATION BANK DG FOREST & SPECIAL SECRETARY. GOI, MOEF , PARYAVARAN BHAVAN CGO COMPLEX LODHI ROAD **NEW DELHI 110003** Email:

Dear Sir / Madam आदरणीय महोदय/महोदया,

We are pleased to inform you that the company has arranged to remit the amount as per the following details, directly to your bank Union Bank of India, FCS Centre, Bangalore account number 150725838798908 with Payment Ref No : SBINR12023112586053398.

हमें आपको यह सुचित करने में प्रसन्नता हो रही है कि कंपनी ने निम्नलिखित विवरण के अनुसार राशि को सीधे आपके वेंक Union Bank of India, FCS Centre, Bangalore खाता संख्या 150725838798908 पर प्रेचित करने की व्यवस्था की है।

Total Amount Paid

160,237,690.00

Amount (in words) / राशि :

Rupees Sixteen Crore Two Lakh Thirty-Seven Thousand Six

The amount has been credited to your bank account as indicated above though Electronic Clearing Service (ECS) and therefore, no service charge is deductible by your bank.

उपरोक्त वर्णित राशि इलेक्ट्रॉनिक क्लियरिंग सेवा (ईसीएस) के माध्यम से आपके वैंक खाते में जमा की गई है और इसलिए, आपके वैंक द्वारा इसके लिए कोई सेवा शुल्क नहीं लगाया जा सकता है

If the amount is not received in your account kindly contact the EIC (Engineer In Charge) / Store Department, giving the above reference number.

यदि राशि आपके खाते में प्राप्त नहीं होती है तो कृपया ईआईसी (इंजीनियर प्रभारी) / स्टोर विभाग से उपरोक्त संदर्भ संख्या के साथ संपर्क करें

This is a computer generated communication and does not require any signature.

यह संचार कंप्यूटर द्वारा निष्पादित है ,तथा इसमें किसी भी हस्ताक्षर की आवश्यकता नहीं है

नवीन कुमार I NAVIN KUMAR

प्रम महास्काक (पर्वायसम् प्रकान) / DGM (ENVT. MGMT.) हजारीबाग / Hazaribag

This is a computer generated communication. For any query Filled First NTPC Limited contact EIC.



Pakri Barwadih CMP

Sikri Site Office, P.O. Barkaga Hazaribag - JHARKHAND 825311

Name of the Company NTPC Limited

Registered Office

NTPG Bhawer, SCOPE Complex, 7, Institutional Area

Lodi Road, New Delhi - 110003

OW

L40101DL1975GOI007966 AAACN0255D

Date / दिनाक: 28.11.2024

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Tatestrone No.

FAX No.

e-Mail Website

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Ref No. / सन्दर्भ संख्या: MM54R/2024264085/27.11.2024

To / सेवा में .

Ad-hoc CAMPA Account No CA 1587 CORPORATION BANK DG FOREST & SPECIAL SECRETARY, GOI, MOEF, PARYAVARAN BHAVAN CGO COMPLEX LODHI ROAD NEW DELHI 110003 Email:

Dear Sir / Madam, स्वदरणीय महोदय/महोदया,

We are pleased to inform you that the company has arranged to remit the amount as per the following details, directly to your bank **Union Bank of India, FCS Centre,Bangalore** account number **150725838798963** with Payment Ref No: **SBINR12024112765595816**.

हमें आपको यह सूचित करने में प्रसन्नता हो रही है कि कंपनी ने निम्ननिश्चित विवरण के अनुसार राशि को सीधे आपके वैंक Union Bank of India, FCS Centre, Bangalore खाता संख्या 150725838798963 पर प्रेषित करने की व्यवस्था की है।

Total Amount Paid

433,826,500.00

Amount (in words) / राति :

Rupees Forty-Three Crore Thirty-Eight Lakh Twenty-Six

The amount has been credited to your bank account as indicated above though Electronic Clearing Service (ECS) and therefore, no service charge is deductible by your bank.

उपरोक्त वर्णित राशि इलेक्ट्रॉनिक क्लियरिंग सेवा (ईसीएस) के माध्यम से आपके बैंक खाते में जमा की गई है और इसलिए, आपके बैंक द्वारा इसके लिए कोई सेवा शुल्क नहीं लगाया जा सकता है

If the amount is not received in your account kindly contact the EIC (Engineer In Charge) / Store Department, giving the above reference number.

यदि राजि आपके खाते में प्राप्त नहीं होती है तो कृषया ईआईसी (इंजीनियर प्रभारी) / स्टोर विभाग से उपरोक्त संदर्भ संख्या के साथ संपर्क करें

This is a computer generated communication and does not require any signature.

यह संचार कंप्यूटर द्वारा निष्पादित है,तथा इसमें किसी भी हस्ताक्षर की आवश्यकता नहीं है

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This is a computer generated communication, For any query please contact EIC.



NEFT / RTGS CHALLAN for CAMPA Funds

Date: 19-11-2024

Agency Name.	NTPC - PAKRI BARWADIH COAL MINING PROJECT
Application No.	5838798963
MoEF/SG File No.	8-56/2009-FC VOL.
Location.	JHARKHAND
Address.	SITE OFFICE SIKRI, POST BARKAGAONHazaribag
Amount(in Rs)	433826500/-

Amount in Words: Forty-Three Crore Thirty-Eight Lakh Twenty-Six Thousand Five Hundred Rupets: Only

NEFT/RTGS to be made as per following details:

Beneficiary Name:	JHARKHAND CAMPA
IFSC Code:	UBIN0996335
Pay to Account No.	150725838798963 Valid only for this challan amount.
Bank Name & Address:	Union Bank Of India FCS Centre,21/1, Ill Floor, Jelitta Towers, Mission Road, Bengaluru-560027

 This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only



NEFT / RTGS CHALLAN for CAMPA Funds

Date: 19-11-2024

Agency Name.	NTPC - PAKRI BARWADIH COAL MINING PROJECT
Application No.	5838798963
MoEF/SG File No.	8-56/2009-FC VOL.
Location.	JHARKHAND
Address:	SITE OFFICE SIKRI, POST BARKAGAON Hazaribag
Amount(in Rs)	433826500/-

Amount in Words: Forty-Three Crore Thirty-Eight Lakh Twenty-Six Thousand Five Hundred Rupees: Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	JHARKHAND CAMPA
IFSC Code:	UBIN0996335
Pay to Account No.	150725838798963 Valid only for this challan amount.
Bank Name & Address:	Union Bank Of India FCS Centre, 21/1, III Floor, Jelitta Towers, Mission Road, Bengaluru-560027

 This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

Note: After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date and reference id to Email: fcsblr@unionbankofindia.bank, epurse@unionbankofindia.bank, ubin0903710@unionbankofindia.bank

Navin Kennay



To,

Officer on Special duty, Ad-hoc CAMPA, 4th Floor, Block No.3, CGO Complex, New Delhi-110003.

Please confirm the amount whether deposited in CAMPA or not through return Email.

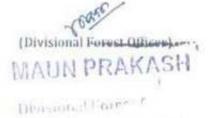
Proforma

1.	Name of regional office:	Regional Office, Ranchi
2.	State/Distt./forest Division to which proposal relates	Jharkhand
3.	Name of User agency, nature of proposal	PAKRI BARWADIH NORTH-WEST QUARRY of NTPC Ltd (Diversion of 331.198 Ha forest land) Proposal No. FP/JH/MIN/38798/2019
4.	Extent of forest area involved	331.198 HA
5.	Whether original or extension	Original
6.	If extension of lease, please clarify if proposal involves additional forest area, an if so, specify	N.A.
7.	Date of 1st stage clearance	26/05/2023
	Extent of CAMPA charges, head wise viz:	
	(a) Compensatory afforestation	Rs. 15,62,23,890.00
	(b) Additional CA	*
0	(c) Penal CA	
8.	(d) Catchment Area Treatment	Rs. 38,78,86,000.00
	(e) wildlife Management plan	Rs. 45,31,46,000.00
	(f) Additional charges for diversion of area falling under notified/protected areas	
	(g) Net Present Value	Rs. 44,94,72,118.00
	(h) any other charges/Levies (PI Specify)	Rs. 40,13,800.00 (pillaring cost for CA land)
	(f) Integrated Soil & Water conservation Plan (lumpsum payment i.e. 0.5% of project cost as per clause 1.22(i) of Ch-1 of Forest Handbook on Consolidated Guidelines & Clarification dated 29.12.2023)	Rs. 4,59,40,500.00
9.	Details of Bank (Bank, draft No., Date & amount), Head wise against items indicated in paragraph 8 above.	STATE BANK OF INDIA, CAG II NEW DELHI Account No. 39883615375 IFSC: SBIN0017313
10.	Whether deposited by RTGS, if so. The particulars & date of remittance (UTR No)	Rs. 45,31,46,000.00 (UTR No. SBINR12023112485848761) date: 28.11.2023
		Rs. 44,94,72,118.00 (UTR No. SBINR12023112586053399) date: 28.11.2023
		Rs. 16,02,37,690.00 (UTR No. SBINR12023112586053398) date: 28.11.2023
		Rs. 43,38,26,500.00 (UTR No. SBINR12024112765595816) date: 27.11.2024
11	Bank (corporation Bank, Lodhi Complex/Union Bank of India, Sunder Nagar) in which deposited, with date of deposition	 Ad-HoC CAMPA A/c No. 15072583879890. IFSC - UBIN0996335 of Union Bank of Indi. Ad-Hoc CAMPA A/c No. 15072583879896. IFSC - UBIN0996335 of Union Bank of Indi.
12	Any other remarks	The second secon

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Signature of Nodal Officer

Date: 19.10.2024

UNDERTAKING

(Mining should be in consonance with the "Integrated Wildlife Management Plan" of North Karanpura.)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that

"The mining in the area shall be in consonance with the "Integrated Wildlife Management Plan" of North Karanpura."

For NTPC Ltd.

MAUN PRAY CHI

[Navin kumar]
Dy. GM (Envt. Mgmt.)
PB & PB-NW CMP
NTPC Ltd.- Hazaribag

प्रमाणिक (पर्यक्षम क्रांक्य) / Dom (previ mont) प्रमाणिक स्थित HTPC Limited क्षेत्रम स्था परिवेदकां / COAL monto PROJECTS कृपाणिक / Hazaribag





Ref: No. RED(CM) Sectt./PBCMP/EMG/2023/445

Date: 02.06.2023

To. The Principal Chief Conservator of Forest & HoFF, Govt. of Jharkhand Block-A, Van Bhawan, Doranda Ranchi, Jharkhand

1. Proposal for non-forestry use of 331.198 Ha of forest land in favour of NTPC Ltd. For Pakri Barwadih (North-West) Coal Mining Project

2. Modification in condition of Stage-II approval and violation of FC Act for Pakri Barwadih Coal Mining Project- reg.

Dear Sir.

Ministry of Coal (MoC), Gol allocated Pakri Barwadih Coal Mining Project (PBCMP) located in North Karanpura Coalfields to NTPC Ltd. vide allotment letter no. 13016/29/2003-CA dated 11.10.2004 and DO No. 13016/29/2003-CA (Part) dated 24.08.2005.

The Mining Plan was approved by Ministry of Coal vide letter no. 13016/29/2003 CA-I dated 25.08.2006 and subsequently Revised Mining Plan was approved by MoC vide letter no. 13016/29/2003-CA (Part) dated 07.03.2016.

The Environment Clearance (EC) was granted by the Ministry of Environment, Forest and Climate Change (MoEF&CC) vide letter no. J-11015/692/2007-IA. II (M) dated 19.05.2009 and amendment dated 29.06.2016 and 14.08.2018. Stage-I and Stage-II Forest Clearance were accorded vide letter dated 11.05.2010 & 17.09.2010 respectively.

At present, PBCMP is an operational mine which has produced 50.51 million tonnes of coal till May'23 since inception and is expected to reach its peak rated capacity (PRC) of 15 million tonnes in FY 23-24. However, achievement of PRC is subject to the expansion of the existing pit on the eastern side which is being restricted due to non-diversion of Dumuhani nallah. The Dumuhani nallah has not been diverted due to condition no. 7 of Stage- I FC and condition no. 8 of Stage- II FC which states that:

Quote -

"The user agency will take up programme for at least 50 m green belt along the sides of the Pakwa nallah and Dumhani nallah from the initial years under the supervision of the state forest department." Un-Quote.

NTPC, vide letter dated 09.10.2018 (Annexure-1), had requested Director General of Forest (FC) for making amendments to the abovementioned condition as per following:

a. green belt development along the sides of Pakwa and Khorra nallah instead of Pakwa and Dumuhani nallah since Dumuhani nallah is passing through the block which needs to be diverted as per the CWPRS report (study was conducted in line with condition no. (iv) of the Environment Clearance); and

कोयला खनन मुख्यालयः एनदीवीसी तिपिटेड गिन्नी प्लाजा. बुटिया थाना के सामने, बुटिया. रीवी 834001 (झारखण्ड) Coal Mining Headquarters, NTPC Limited, Ginni Plaza, Opposite Chutia Police Stations Chutia, Rapchi-834001 (Jharkhand) Registered Office NTPC Bhavan, SCOPE Complex, 7. Institutional Area, Lod Road, New Delhi-110003 1

b change in the width of green belt development from 50 m to 15 m in line with regulation no. 149 of Coal Mines Regulation, 2017.

The above requests were reiterated through multiple letters and raised during various review meetings of the ministry. A brief on this issue is enclosed as **Annexure-2**.

Our request was considered for discussion during the FAC meeting on 25.04.2023 (*Annexure-3*) and following decisions were made which were communicated by MoEF&CC, New Delhi vide letter dated 25.05.2023 (*Annexure-4*):

a. At para-2 of the point no-4,

Quote -

"The user agency shall restore and conserve the Khorra Nalla (west) and Pakwa Nalla (east) watersheds on priority basis under supervision of the forest department and expert hydrologists/agencies and develop their watershed status as per the Survey of India toposheet no. 73 E/l. A greenbelt of 100 meters on either side of both Khorra Nala and Pakwa Nalla shall be maintained".

Un-Quote.

Herein, we would like to submit that, mining activities have already been carried while maintaining 50 m width for green belt as per FC granted to NTPC in 2010. The increase of green belt width 50 m to 100m will lead to loss of around 16 million tonnes of coal.

At para-3 of the point no-4.

Quote -

".....the penalty shall be imposed for violation committed over the forest area (1026.438 Ha) without approval equal to five times the normal NPV plus simple interest of 12% from the date of actual violation committed till the deposition of penalty shall be imposed."

Un-Quote.

It is pertinent to mention here that 1026.438 Ha is the total forest area which was diverted for coal mining to PBCMP in favour of M/s NTPC Ltd whereas alleged violated forest area is 37.20 Ha as mentioned at point no 3.V.b of the FAC minutes (*Annexure-4*) which is reproduced below:

Quote -

*Despite repeated cautions from the officials of the Forest Department, the user agency has violated the provisions of condition no 8 of the Stage-II approval by diverting the Dumuhani nallah and carried out mining over a stretch of 31 km involving an area of 37.20 Ha of forest land without prior approval under the Forest (Conservation) Act, 1980"

Un-Quote.

Further, in the above referenced point, "3.1 Km" is the length of working stretch of the *Dumuhani* nallah. Considering the area of 1026.438 Ha, the penalty imposed against the alleged violation shall reach to the tune of 857 crores (approx.). The penalty amount, which is exorbitantly high, coupled with the loss of revenue against the blocked coal reserves of 16 million tonnes (due to increase in green belt width from 50 m to 100 m) will render our mining operations unviable.

Also, the penalty clause no 1.21(iii) of Chapter-1 of PART B of Forest Handbook, applicable in the instant case, is reproduced below:

Quote -

"(III) Violation /noncompliance of any conditions imposed while granting approval under FC Act.
In such cases the penalty will be imposed on the recommendation of the APCCF Regional office in

2 of 3 | Page

ज्योन कुमार I NAVIN KUMAR
का प्राप्तक (पर्वका प्रकार) / DGM (ENVT. MGMT.)
क्रिपीली क्रिकेश NTPC Limited
क्रिका परंच प्रीकार्या (COAL MOUNG PROJECTS
क्रिका परंच प्रीकार्या / Hazaribag

whose jurisdiction the alleged violation has occurred. The violation will be reported to REC/FAC and the committee will give time to comply the conditions within stipulated time.

a. In case the offence is proved then the <u>penalty shall be imposed for violation committed over</u> forest area without approval equal to twice the normal NPV.

b. In case of public utility projects of the government the penalty shall be 20 % of the penalty proposed in para (a) above."

Un-Quote.

The penalty as per clause (a) comes out to be Rs. 9.14 crores and clause (b) comes out to be Rs. 1.83 crores (calculation sheet as per the above clause is attached as **Annexure-5**)

In view of the above, it is requested that the following may kindly be considered:

- Delinking of stage-II clearance of Pakri Barwadih (North-West) with deposition of penal NPV and other penal levies as imposed in case of diversion of 1026.438 ha forest land for Pakri Barwadih. (FAC minutes attached as Annexure-6).
- Change in the width of green belt development from 50 m to 15 m in line with regulation no. 149 of Coal Mines Regulation, 2017.
- c. The area pertaining to violation may be changed from 1026.438 Ha (total area diverted for Pakri Barwadih Coal Mining Project) to 37.20 Ha (alleged violated forest area) and stretch of alleged violation area may be changed from 31 Km to 3.1 Km.

Exorbitantly high penalty may be reviewed in line with clause no 1.21(iii)(a) of Chapter-1 of PART B
of Forest Handbook.

It is requested for your kind help and support in resolving the above points.

Thanking you,

Yours faithfully,

(M.V.R. Reddy) Regional Executive Director

Enclosed Annexures:

Annexure-1: Our letter 1040/PBCMP/EMG/2018/F-28/31748 dated 09.10.2018

Annexure-2: Brief on Dumuhani nala

Annexure-3: Agenda No-2 of FAC MOM dated 25.04.2023

Annexure-4: MoEF & CC letter 8-56/2009-FCpt dated 25.05.2023

Annexure-5: Penalty Calculation sheet

Annexure-6: Agenda No-1 of FAC MOM dated 25.04.2023

नवीन कुमार / NAVIN KUMAR

्च्यीपीसी निर्मिटेड / NTPC Limited कोवल स्वतः परिवेजनाएँ। COAL MINING PROJECTS हजारीबाग / Hazaribag

3 of 3 | Page



शिवम श्रीवास्तव निदेश्व ((धन) SHIVAM SRIVASTAVA Director (Fuel) एन टी पी सी लिमिटेड (पार शका क उपन) NTPC Limited

Ref. No. D(Fuel) Sectt/ Nov23/01

Dated: 09.11.2023

To,

The Director General of Forest & Special Secretary
Ministry of Environment, Forest & Climate Change (MoEF&CC),
Indira Paryavaran Bhawan, Jor Bagh
New Delhi.

Subject:

 Reconsideration of penal NPV imposed while Stage -II FC amendment of Pakri Barwadih Coal Mining Project (1026.438 ha).

Delinking of Stage-II Forest Clearance of PB-North West (331.198ha) form the deposition of penal NPV of Pakri Barwadih CMP. Reg.

Ref.

1. FC Amendment Letter dated 25.05.2023 to PBCMP (1026.438 ha)

2. Stage-1 Forest clearance granted to PB - NW Coal Mining Project.

 NTPC request letters dated: 18.05.2023, 02.06.2023, 24.07.2023, 03.08.2023, 17.10.2023 for reconsideration of subject matter.

Secy (MoP) DO No. 11/25/2023-Th.I dated 30.10.2023

Dear Sir,

With reference to above subject it is to submit that Ministry of Coal (MoC), GoI allocated the Pakri barwadih Coal Mining Project (PBCMP) to NTPC Ltd in the year 2004. The environment clearance (EC) was granted on 19.05.2009 and the Stage-II forest clearance was granted to Pakri barwadih Coal Mining Project (PBCMP) (1026.438 Ha) vide MoEF ltr ref. no. F.No. 8-56/2009-FC on 17.09.2010. NTPC on 09.10.2018 requested MoEF & CC for amendment of Condition no. 8 of Stage-II FC accorded to PBCMP. Subsequently the matter was pursued at different levels.

FAC during its meeting dated 25.04.2023, recommended the amendment to Forest Clearance Condition no. 8 of Stage-II FC for Pakri-Barwadih Coal Mining Project (PBCMP) (1026.438 ha). However, a penalty was imposed with penal NPV (5 times the normal NPV on total Forest Land with 12% interest) of Rs 857.52 Crs on the entire forest land (1026.438 ha) along with a condition of maintaining 100m green belt (against requested 15m) along the *Khorra Nalla (West) and Pakwa Nalla (East)*. (Annexure-I).

Also, Stage-I clearance for diversion of 331.198 ha of forest land was accorded for Pakri Barwadih Northwest Coal Mining Project (PB-NW CMP) (Annexure-II), but Stage-II FC clearance of PB-NW was interlinked with the deposition of Penal NPV of PBCMP, vide point no 4 &(X) of 4 of agenda-1 of FAC MoM 25.04.2023.

Corporate Identification Number : L40101DL1975GO1007968

वस्त्रोति चार, कोर-र, प्रतात तर, तको कामील, र, ईसीर्युक्त वरित्र, लेची ग्रेड, नई दिली-110 003 टेस्टॉस 011-2436080.24381012,ईस्स / Fax 011-24368417 NTPC Brumer, Core-T, Sto Floor, SCOPE Complex, 7. Institutional Area, Lochi Rood, New Deht-110 003, E-mail streamproscoping.co.in, web site: www.rtpc.co.e

नवीन कुमार I NAVIN KUMAR का बडावरका (पर्वायक परंचन)। DGM (ENVT. MGMT.) एम्ट्रिपीली विनित्देश NTPC Limited केवल स्थाप प्रीक्षणगएं। COAL MINING PROJECTS हजारीयाथ I Hazaribag



शिवम श्रीवास्तव गिवेशक (ईपन) SHIVAM SRIVASTAVA Director (Fuel)



NTPC Ltd is committed to comply with all the statutory obligations and have always complied the stipulations made in the statutory clearances accorded with our mines. In this regard, we humbly submit to your good office to kindly reconsider the matter as below:

- a. Waival of penal NPV imposed on the NTPC for Pakri-Barwadih coal mining project.
- Delinking of stage-II forest clearance of Pakri Barwadih (North-West) with the deposition of penal NPV of PBCMP.
- c. Permit to maintaining of green belt of 15 m along Pakwa and Khora Nala in line with the regulation no 149 of Coal Mines regulation, 2017.

Submitted for kind consideration please.

Thanking You

Yours faithfully

S. Sn'mlen (Shivam Srivastava)

Director (Fuel) & Nominated Owner of Mines

Enclosures: as above.

नवीन कुमार / NAVIN KUMAR

पुर महायवयर (पर्यायल घरवन) / DGM (ENVT, MGMT) एनटीवीसी निम्प्रेड / NTPC Limited कोवला खनन परियोजनाई / COAL MINING PROJECTS हजारीबाग / Hazaribag

- (3) If any dispute arises as to whether stone dust barriers or other alternative precautionary measures are required to be provided in any part of a gassy seam of the first degree, under sub-regulation (1), the question shall be referred to the Chief Inspector who shall decide the same.
- **147. Precautions against eruption of gas.** Where any working is extended to within 30 meters of any goaf or disused workings containing or likely to contain an accumulation of inflammable or noxious gases, there shall be maintained at least one bore-hole not less than 1.5 meters deep in advance of the working and the operation of drilling the bore hole shall be carried out under the supervision of a competent person, and no lamp or light other than an approved safety lamp or torch shall be used in any such working.
- **148. Recovery and exploratory work.** (1) After an explosion of inflammable gas or coal dust has occurred in a mine, only such persons as are authorised by the manager or by the principal official present at the surface, shall be allowed to enter the mine.
- (2) Where it is intended or proposed to reopen a mine or part thereof, which has been isolated, sealed off or flooded with water to deal with a fire or spontaneous heating, the owner, agent or manager shall not less than thirty days before the commencement of such work, give notice in writing of such intention or proposal to the Regional Inspector and the Chief Inspector.
- (3) Where it is intended to carry out any exploratory work in a mine or part belowground likely to contain irrespirable atmosphere,-
 - (a) all work shall be done under rescue cover only;
 - (b) no party of less than three persons shall be allowed to proceed to carry out such work; and
 - (c) every such party shall carry a suitable apparatus approved by the Chief Inspector for detecting carbon monoxide gas and also an approved flame safety lamp.
- **149.** Danger from surface water.— (1) Where any mine or part thereof is so situated that there is any danger of inrush of surface water into the mine or part, adequate protection against such inrush shall be provided and maintained, and whether such protection is adequate or not may be determined by the Chief Inspector, whose decision shall be final.
- (2) Except with the previous permission of the Chief Inspector in writing and subject to such conditions as he may specify therein and subject to the provisions of sub-regulation (1), every entrance into a mine shall be so designed, constructed and maintained that its lowest point (which means the point at which a body of rising water on surface can enter the mine) shall be not less than 1.5 meters above the highest flood level at that point.
- (3) Every year, during the rains constant watch shall be kept on the flood levels on the surface of the mine and if at any time the levels cross the highest levels earlier recorded, such levels shall be marked by permanent posts along the edges of water and the new highest levels thus observed shall be recorded with the date as the highest flood level on the plans by an actual survey:

Provided that the highest flood level shall not be plotted on plans by interpolations.

- (4) If there are water dams or reservoirs built across rivers and water courses on the upstream side of the mine, arrangements shall be made for communication between appropriate authorities for the purpose of ascertaining the quantity and timing of water released from the dams which is likely to endanger safety of the mine and arrangement for similar communication shall be made when water level rises on the upstream side which is likely to endanger any mine.
- (5) In every mine which is likely to be endangered by surface water, the highest flood levels and danger levels at least 1.2 meters or as required by the Regional Inspector, below the highest flood level, shall be permanently marked at appropriate places on the surface and whenever water rises towards the danger level at any place, all persons shall be withdrawn from the mine sufficiently in advance and for this purpose adequate arrangements of quick communication to all parts of the mine by effective systems shall be provided and maintained.
- (6) No working shall be made in any mine vertically below-
 - (a) any part of any river, canal, lake, tank or other surface reservoir; or
 - (b) any spot lying within a horizontal distance of 15 meters from either bank of a river or canal or from the boundary of a lake, tank or other surface reservoir,

except with the previous permission in writing of the Chief Inspector and subject to such conditions as he may specify therein.

(7) Every application for permission under sub-regulation (6) shall be accompanied by two copies of a plan and section showing the existing position of the workings of the mine, the proposed layout of workings, the depth of the workings from the surface, the position and depth of any goaves in every seam in the neighborhood, all faults, dykes and other geological disturbances and such other particulars as may affect the safety of the mine or of the persons employed therein.

Explanation.— Where sand or alluvium are lying in the course of a river, canal, lake, tank or reservoir, the depth from the surface shall be reckoned from the surface of hard ground underlying such sand or alluvium.

- (8) All workings made under sub-regulation (6) shall be clearly demarcated belowground.
- (9) A competent person shall, once at least in every fourteen days during the rainy season and once at least in every thirty days during other periods of the year, examine every protective measure provided under sub-regulations (1), (2), (3), (4) and (5), whether in use or not, for their stability, and a report of every such examination shall be recorded in a bound paged book kept for the purpose, which shall be signed and dated by the person making the examination and countersigned and dated by the manager.
- (10) The protective measures and workings shall also be inspected, once at least in every quarter by the manager personally.
- **150. Danger from underground inundation.** (1) Proper provision shall be made in every mine to prevent eruption of water or other liquid matter or any material that is likely to flow when wet from the workings of the same mine or of an adjoining mine and to prevent accidents while drilling bore-holes for probe or release of a body of water or other liquid matter or any material that is likely to flow when wet.
- (2) Where work is being done in -
 - (i) any seam or section below another seam or section; or
 - (ii) any place in a seam or section, which is at a lower level than any other place in a lower seam or section; or
 - (iii) any place in a seam approaching a fault passing through an upper seam or section, which contains or may contain an accumulation of water or other liquid matter or any material that is likely to flow when wet; or
 - (iv) any water-bearing strata,

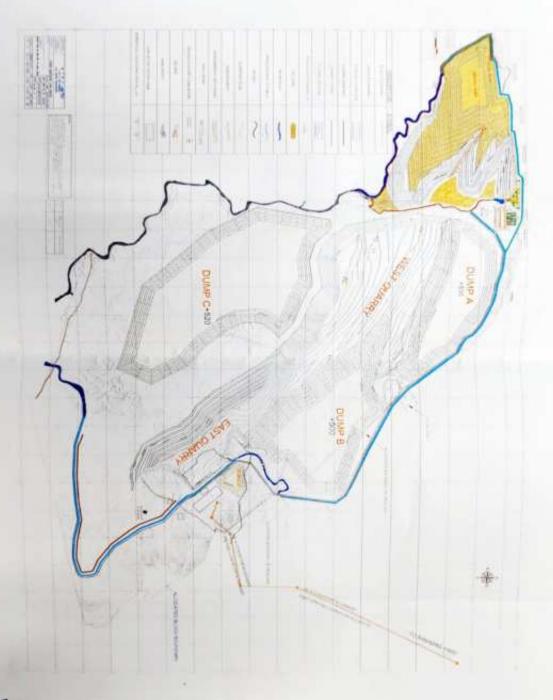
all useful information including the position, extent and depth of the above mentioned features shall be acquired and kept recorded and a scheme of working designed to prevent eruption of water or other liquid matter or any material that is likely to flow when wet shall be prepared and put into operation.

(3) Without prejudice to the requirement of sub-regulation (1) and sub-regulation (2), no working which has approached within a distance of 60 meters of any other working (not being a working which has been physically examined and found to be free from accumulation of water or other liquid matter or any material that is likely to flow when wet), whether in the same mine or in an adjoining mine, shall be extended further except with the prior permission in writing of the Chief Inspector and subject to such conditions as he may specify therein.

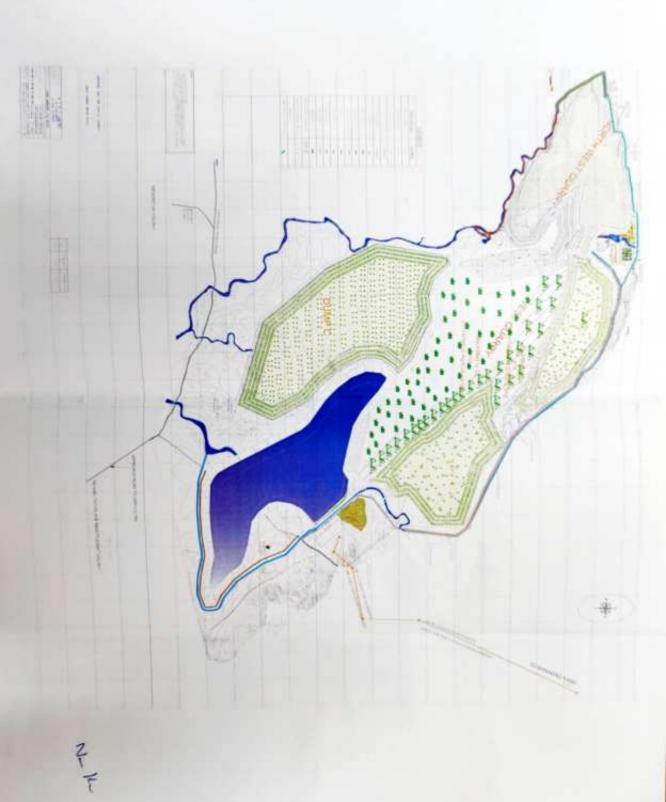
For the purposes of this sub-regulation, the distance between the said workings shall mean the shortest distance between the workings of the same seam or between any two seams or sections, as the case may be, measured in any direction whether horizontal, vertical or inclined.

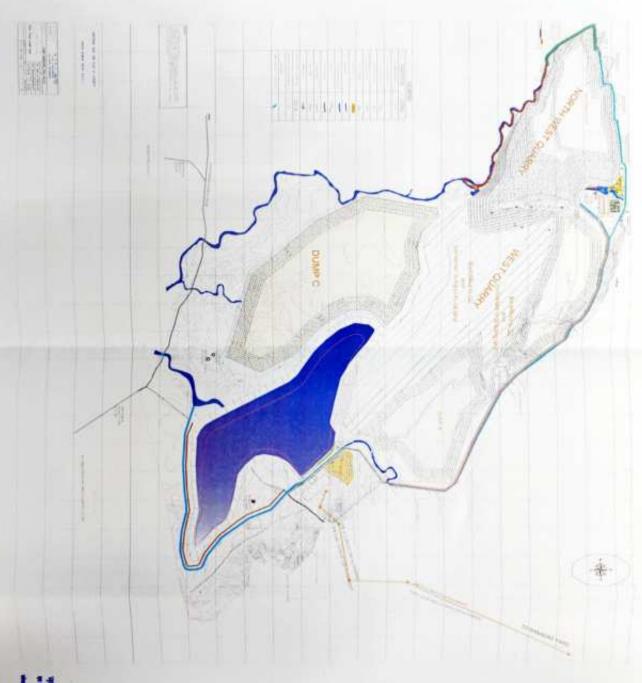
- (4) Every application for permission to extend any working referred to in sub-regulation (3) shall be accompanied by two copies of the plan and section showing-
- (a) the outlines of all such disused or abandoned workings in relation to the working approaching them and also the depth of such disused or abandoned workings from the surface;
- (b) the outlines, the layout and the method of the proposed working for which permission is sought;
- (c) the faults, dykes and other geological disturbances in relation to workings specified in clause (a) or (b); and





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8-56/2009-FCpt 1/83478/2024

File No.: 8-56/2009-FCpt Government of India Ministry of Environment, Forest and Climate Change (Forest Conservation Division)

Indira Paryavaran Bhawan, Jor Bag Road, Aliganj, New Delhi – 110003 Dated: As per E-sign

To,

The Principal Secretary (Forests), Government of Jharkhand, Ranchi.

Subject: Diversion of 1026.438 ha of forest land for coal mining Pakribarwadih Project in favour of M/s NTPC Ltd. in Hazaribag West Forest Division in Hazaribag District of Jharkhand –reg.

Madam/Sir,

I am directed to refer to the Government of Jharkhand letter No.Van Bhumi-75/2009-3376 dated 23.08.2024 on the above mentioned subject furnishing their comments with regard to the representation for modification in conditions of Stage-II approval of the subject cited proposal and other related matters and inform that the representation was considered by the Advisory Committee (AC) in its meeting held on 27.08.2024. The minutes of the meeting of the AC may kindly be seen at www.parivesh.nic.in.

In this regard, keeping in view the facts of the proposal and the recommendations of the Advisory Committee it has been decided that:

- i. The condition no. 8 in the Stage-II approval issued vide Ministry's letter dated 17.09.2010 for diversion of 1026.438 ha of forest land for coal mining Pakribarwadih Project in favour of M/s NTPC Ltd. in Hazaribag West Forest Division in Hazaribag District of Jharkhand is modified as under:
 - 'The user agency shall restore and conserve the Khorra Nalla (west) and Pakwa Nalla (east) watersheds on priority basis under supervision of the forest department and expert hydrologists/agencies and develop their watershed status as per the Survey of India toposheet no. 73 E/I. A greenbelt of 50 meters on either side of both Khorra Nala and Pakwa Nala shall be maintained'.
- ii. Further, in total disregard to the conditions of approval the user agency has mined out the area and changed the course of the Dumuhani nala, which was actually required to be protected and maintained as green belt. Keeping this in view, it has been decided to continue with the penalty imposed for violation committed over the forest area (1026.438 ha) without approval equal to five

8-56/2009-FCpt 1/83478/2024

times the normal NPV plus simple interest of 12% from the date of actual violation committed till the deposition of penalty.

iii. The condition no. (x) of Stage-I approval issued vide Ministry's letter dated 26.05.2023 for Pakri Barwadih (North-West) (331.198 ha) proposal is waived off.

This issues with the approval of Competent Authority.

Yours sincerely,

Signed by Suneet Bhardwaj

Date: 01-10-2024 11:53:31

(Suneet Bhardwaj)
Assistant Inspector General of Forests

Copy to:

1. The PCCF (HoFF), Department of Forest, Government of Jharkhand, Ranchi;

- 2. The Dy. DGF (Central), Regional Office, MoEF&CC, Ranchi
- 3. The Nodal Officer (FCA), Department of Forest, Government of Jharkhand, Ranchi;
- 4. User Agency;
- 5. Monitoring Cell, FC Division, MoEF&CC, New Delhi for uploading on PARIVESH portal.





(A Govt. of India Enterprise)

कोयला खनन परियोजनाएँ, हजारीबाग Coal Mining Projects, Hazaribag

Date: 13.07.2023

Ref. No. NTPC/PB-NW/2023/F-24/156

To.

Divisional Forest Officer. Hazaribagh West Division, Hazaribagh, Jharkhand

Sub: Regarding condition no- (ii) and (xi)-c of Stage-I Forest Clearance of Pakri-Barwadih (North-West) Opencast Coal Mining Project.

In-principle/Stage-I Forest Clearance for non-forestry use of 331.198 Ha of forest land in favour of M/s Ref: NTPC Limited for Pakri barwadih (NorthWest) Opencast Coal Mining Project dated 26th May 2023 (Copy enclosed)

Dear Sir.

NTPC has been granted in-principle/Stage-I Forest Clearance by MOEF & CC for non-forestry use of 331.198 Hectare area of forest land subject to fulfillment of various conditions.

The condition no (ii) of Stage-I approval stipulates following:

A team of specialists from field of Soil Engg, Agriculture Engg, Hydrology, GIS & Geology shall be constituted under chairpersonship of DFO concerned. The team shall continuously study the area for assessing the impact of on-going mining on various environmental/ecological parameter and submit findings/report to IRO annually.

The condition no (xi)-c of Stage-I approval stipulates following:

Quote

The KML files of diverted area and the CA areas shall be uploaded on the e-Green watch portal with all requisite details prior to stage-II approval.

Unquote

Encl.: As above

In this regard, it is requested to direct for compliance of the above conditions, so that the compliance of Stage-I can be submitted by NTPC.

Submitted for your kind consideration.

Yours sincerely

[Navin Kumar] Dy. GM (Envt. Mgmt.), PBCMP, NTPC Ltd.

नवीन कुमार / NAVIN KUMAR

नवीन कुमार I NAVIN KUMAR स्त्र बहुत्त्रकाक (पर्यापत्म प्रकार) / DGM (ENVT. MGMT.) THUS THE THE DOW ENVY MONTH

कोयला खिनिन विश्वा अपार्थित है है 2597 Limited कोयला बड़कार्गीव, हुनार्थित है 32597 Limited

Registered Office: NTPC Bhawan, Scope Complex, 7, Institutional Area, Lodi Road, New Delhi - 110003. E-mail: https://email.com/email.com/

Date: 19.10.2024

UNDERTAKING

(Demarcation of safety zone, its fencing, protection and regeneration)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that

"NTPC shall ensure demarcation of safety zone area (7.5 meter strip all along the inner boundary of the mining lease area), and its fencing, protection and regeneration by erecting adequate number of 6 feet high RCC boundary pillars inscribed with DGPS coordinates with barbed wire fencing and deploying adequate number of watchers under the supervision of the State Forest Department."

For NTPC Ltd.

[Navin kumar]
Dy. GM (Envt. Mgmt.)
PB & PB-NW CMP
NTPC Ltd.- Hazaribag

नवीन कुमार / NAVIN KUMAR इप महत्रबंधक (पर्यवरण प्रवंधन) / DGM (ENVT. MGMT.) एन्टरिगीसी निर्मिटेड / NTPC Limited कोवसा सागन परियोजनाएं / COAL MINING PROJECTS हजारीसाय / Hazaribag

Date: 19.10.2024

UNDERTAKING

(Fencing of safety zone boundary)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that

"Proper fencing of the Safety zone of the mining lease, adjacent to habitation/roads shall be implemented."

For NTPC Ltd.

[Navin kumar]
Dy. GM (Envt. Mgmt.)
PB & PB-NW CMP
NTPC Ltd.- Hazaribag

नवीन कुमार / NAVIN KUMAR उप महावर्षक (पर्याचरण प्रचंत्र) / DGM (ENVT. MGMT.) इन्द्रीनी लिन्टिंड / NTPC Limited कोबात स्वत्र परिकेतन्त्रं / COAL MINING PROJECTS इजारीबान / Hazaribag

20

Date: 19.10.2024

UNDERTAKING

(The Safety zone shall be maintained as green belt)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that

"Safety zone shall be maintained as green belt around mining lease and regeneration shall be taken up in this area by NTPC at project cost under the supervision of the State Forest Department.

For NTPC Ltd.

[Navin kumar]

Dy. GM (Envt. Mgmt.) PB & PB-NW CMP

NTPC Ltd.- Hazaribag.

नवीन कुमार / NAVIN KUMAR पप महार्यवेदा (पर्यास्त्य प्रश्चन) / DGM (ENVT. MGMT.) हन्द्रीपीती जिन्दिश NTPC Limited कोबता चनन परियोजनाएं / COAL MINING PROJECTS हजारीबान / Hazaribag



UNDERTAKING

(The maintaining of Safety zone as per prescribed norms)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that

"NTPC shall ensure that safety zone is maintained as per the prescribed norms."

For NTPC Ltd.

[Navin kumar]
Dy. GM (Envt. Mgmt.)
PB & PB-NW CMP
NTPC Ltd.- Hazaribag

नवीन कुमार / NAVIN KUMAR उप मह्मानंतर (पर्यालरण प्रतंपन) / DGM (ENVT. MGNT.) इन्द्रश्रीली निनिदेश NTPC Limited कोवला चनन परिकेजनारं/ COAL MINING PROJECTS इजारीबान / Hazaribag

UNDERTAKING

(The cost of felling of trees)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that

"The cost of felling of trees will be deposited to the State forest Department."

For NTPC Ltd.

[Navin kumar]
Dy. GM (Envt. Mgmt.)
PB & PB-NW CMP

NTPC Ltd.- Hazaribag

नवीन कुमार / NAVIN KUMAR एव महाइनेवक (पर्यावतम प्रवंधन) / DGM (ENVT. MGMT.) एन्ट्रीपीटी लिप्टिंड/ NTPC Limited कोवता समन परियोजनाएं / COAL MINING PROJECTS हजारीबाग / Hazaribag

(for projects other than linear projects)

Government of Jharkhand

Office of the District Collector, Hazaribag

(Scheduled Tribe, Scheduled Caste, Minority and Backward Class Department)

No. 362

TO WHOMSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No.11- 9/98-FC (pt.) dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Right) Act, 2006 ('FRA', for short) on the forest land proposed to be diverted for non-forest, it is certified that 21.32 Acre of forest land proposed to be diverted in favour of "NTPC Pakri Barwadih North West Coal Project" in Hazaribagh district falls within jurisdiction of Beltu village in Keredari tehsil. Details are given below:-

фо	ग्राम/थाना संo	खाता सं०	प्लॉट सं०	अधिसूचित वन भूमि (ए० में)	गैर खास जंगल झाड़ी (ए० में)	कुल रकबा (ए० में)				
1			58p	5.58		5.58				
2			62p	1.34		1.34				
3			84p	4.72		4.72				
4			87	1.16		1.16				
5	बेलतु	190	190	190	190	190	81p	-	0.52	0.52
6	40.0	100	143p	2	5.83	5.83				
7			198p		0.46	0.46				
8			214p		1.64	1.64				
9			222p		0.07	0.07				
	कुल:-			12.80	8.52	21.32				

It is further certified that:

- (a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire 21.32 Acre of forest area proposed for diversion. A copy of records of all consultations and meetings of the Forest Rights Committee(s), Gram Sabha(s), Sub-Division Level Committee(s) and the District Level Committee are enclosed as annexure 1 to annexure 3.
- (b) The proposal for such diversion with full details of the project and its implications, in vernacular/local language have been placed before is concerned Gram Sabha of forest dwellers, who eligible under the FRA.
- (c) The each of concerned Gram Sabha(s), has certified that all formalities/processes under the FRA have been carried out, and that they have given their consent to the proposed diversion and the compensation and ameliorative measures, if any having understood the purpose and details of proposed diversion. A copy of certificate issued by gram sabha of Beltu village is enclosed as annexure 1 to 3.

नयीन कुमार / NAVIN KUMAR वय महाप्रकार (पर्वाटान प्रकार) / DOM (ENVI. MONT) हम्प्याचन क्षित्रेश (TPC Limited क्षेपक स्थान वरिकार स्था CDAL MINING PROJECTS हजावियान / Hazaribag

- (d) The discussion and decisions on such proposals had taken place only when there was a quorum of minimum 50% of the members of Gram Sabha present;
- (e) The diversion of forest land for facilities managed by the Government as required under section 3(2) of the FRA have been completed and the Gram Sabhas have given their consent to it;
- (f) The proposal does not involve recognized right of Primitive Tribal Groups and Pre-agricultural communities.

Encls : As above.

प्रतिलिपि:-

Deputy Countries on other

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प्रतिलिपि:- प्रिवत।
प्रतिलिपि:- अायुक्त, उतरी छोटानागपुर प्रमण्डल, हजारीबाग को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।
प्रतिलिपि:- आयुक्त, उतरी छोटानागपुर प्रमण्डल, हजारीबाग को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

प्रतिलिपि:— वन प्रमण्डल पदाधिकारी, पश्चिमी वन प्रमण्डल, हजारीबाग एवं अन्य संबंधित सदस्यों को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

प्रतिलिपि:- परियोजना निदेशक, एन०टी०पी०सी० को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

प्रतिलिपि:— अनुमण्डल पदाधिकारी, सदर, हजारीबाग को सूचनार्थ प्रेषित। प्रतिलिपि:— अंचल अधिकारी, केरेडारी, हजारीबाग को सूचनार्थ प्रेषित।

जिला सूचना विज्ञान पदाधिकारी, एन०आई०सी०, हजारीबाग को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। कृपया जिला के वेवसाईट पर अपलोड करना सुनिश्चित किया जाय।

नवीन कुमार । १८०० व्यक्ति अध्याः) इसम्बद्धाः विश्वतः अध्याः। इसम्बद्धाः विश्वतः अध्याः। उपायुक्ते, विकासकृष्टिमानांत्रेऽश्वराज्य

(for projects other than linear projects)

Government of Jharkhand

Office of the District Collector, Hazaribag

(Scheduled Tribe, Scheduled Caste, Minority and Backward Class Department)

No. 863

Dated 13 | 07 | 12024

TO WHOMSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No.11- 9/98-FC (pt.) dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Right) Act, 2006 ('FRA', for short) on the forest land proposed to be diverted for non-forest, it is certified that 23.55 Acre of forest land proposed to be diverted in favour of "NTPC Pakri Barwadih North West Coal Project" in Hazaribagh district falls within jurisdiction of Urub village in Barkagaon tehsil. Details are given below:-

क्र०	ग्राम/धाना संo	खाता सं०	प्लॉट सं०	सर्वे रकबा	अर्जित रकंवा (ए० में)	अर्जित रकवा (हेक्टेयर में)	भूमि का प्रकार
1			635p	1.30	1.00	0.405	
2		/ B	661	9.82	9.82	3.974	
3	उरुब / 41	49	666	7.95	7.95	3.217	गैर मजरूआ
4			677p	6.91	4.75	1.922	- जंगल झाड़ी
5	1		689p	2.89	0.03	0.012	
		कुल	रकवा:-		23.55	9.531	

It is further certified that:

- (a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire 23.55 Acre of forest area proposed for diversion. A copy of records of all consultations and meetings of the Forest Rights Committee(s), Gram Sabha(s), Sub-Division Level Committee(s) and the District Level Committee are enclosed as annexure 1 to annexure 3.
- (b) The proposal for such diversion with full details of the project and its implications, in vernacular/local language have been placed before is concerned Gram Sabha of forest dwellers, who eligible under the FRA.
- (c) The each of concerned Gram Sabha(s), has certified that all formalities/processes under the FRA have been carried out, and that they have given their consent to the proposed diversion and the compensation and ameliorative measures, if any having understood the purpose and details of proposed diversion. A copy of certificate issued by gram sabha of Urub village is enclosed as annexure 1 to 3.
- (d) The discussion and decisions on such proposals had taken place only when there was a quorum of minimum 50% of the members of Gram Sabha present;
- (e) The diversion of forest land for facilities managed by the Government as required under

नवीन कुमार / NAVIN KUMAR उप महावरंगक (पर्वारम प्रवान) JOGN (ENVT. MONIL) इन्होंपीली जिम्हें NTPG Limited कोचना स्वतन प्रीकिंग्या (COAL MINING PROJECTS हजारीबाग / Hacardon section 3(2) of the FRA have been completed and the Gram Sabhas have given their consent to it:

(f) The proposal does not involve recognized right of Primitive Tribal Groups and Pre-agricultural communities.

Encls: As above.

Deputy Commissioning

ज्ञापांक 863 / क0, हजारीबाग

प्रतिलिपि:— प्रधान सचिव, राजस्व एवं भूमि सुधार विभाग, झारखण्ड, रॉथी को सूचनार्थ एवं आवश्यक कार्रवाई हेत् प्रेषित।

प्रतिलिपि:- सचिव, खान एवं भूतत्व विभाग, झारखण्ड, राँची को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

प्रतिलिपि:- आयुक्त, उतरी छोटानागपुर प्रमण्डल, हजारीबाग को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

प्रतिलिपि:— वन प्रमण्डल पदाधिकारी, पश्चिमी वन प्रमण्डल, हजारीबाग एवं अन्य संबंधित सदस्यों को सूचनार्थ एवं आवश्यक कार्रवाई हेत् प्रेषित।

प्रतिलिपि:- परियोजना निदेशक, एन०टी०पी०सी० को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

प्रतिलिपि:— अनुमण्डल पदाधिकारी, सदर, हजारीबाग को सूचनार्थ प्रेषित। प्रतिलिपि:— अंचल अधिकारी, बड़कागाँव, हजारीबाग को सूचनार्थ प्रेषित।

प्रतिलिपि:- जिला सूचना विज्ञान पदाधिकारी, एन०आई०सी०, हजारीबाग को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। कृपया जिला के वेवसाईट पर अपलोड करना सुनिश्चित किया जाय।

Deputy Chaimissioner

नवीन कुमार / NAVIN KUMAR

त्र्य महाप्रबंधक (पर्धादार प्रवेशन) (DGN ENVT. MGMT) श्रमदीभीती निर्मादश NTPC Limited क्षेत्रल सन्त्र परिधीतनारं (COAL MINING PROJECTS हजारीबान / Hazarbbag

(for projects other than linear projects)

Government of Jharkhand

Office of the District Collector, Hazaribag

(Scheduled Tribe, Scheduled Caste, Minority and Backward Class Department)

No. 1357

Dated. 2.9/9. ... /2024

TO WHOMSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No.11- 9/98-FC (pt.) dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Right) Act, 2006 ('FRA', for short) on the forest land proposed to be diverted for non-forest, it is certified that 493.86 Acre of forest land proposed to be diverted in favour of "NTPC Pakri Barwadih North West Coal Project" in Hazaribagh district falls within jurisdiction of Bariyatu village in Keredari tehsil. Details are given below:-

фo	ग्राम/थाना संo	खाता संo	प्लॉट संo	अधिसूचित वन भूमि (रकवा एकड़)	गैर0 खास. जंगल—झाड़ी भूमि (एकड़ में)	कुल अधिसूचित वन तथा गैराठखास, जंगल भूमि (रकवा एकड़ में)	अस्युक्ति
			1	24.00	-	24.00	जंगल
			2	109.75		109.75	जंगल
			3	70.50		70.50	जंगल
			4	* 75.00		75.00	जंगल
			63p	20.41		20.41	जंगल
1	बरियातु	155	232p	126.12		126.12	जंगल
			1686	67.50	340	67.50	जंगल
			21	***	0.09	0.09	जंगल-झाड़ी
			50		0.49	0.49	जंगल-झाडी
			Total	493.28	0.58	493.86	

It is further certified that:

- (a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire 493.86 Acre of forest area proposed for diversion. A copy of records of all consultations and meetings of the Forest Rights Committee(s), Gram Sabha(s), Sub-Division Level Committee(s) and the District Level Committee are enclosed as annexure 1 to annexure 3.
- (b) The proposal for such diversion with full details of the project and its implications, in vernacular/local language have been placed before is concerned Gram Sabha of forest dwellers, who eligible under the FRA.
- (c) The each of concerned Gram Sabha(s), has certified that all formalities/processes under the FRA have been carried out, and that they have given their consent to the proposed and the compensation and ameliorative measures, if any having understood

ज्यान पुणीवरण प्रवेशन) / DOM (ENVT. MOMT.) वय महाप्रवेशक (पर्योगरण प्रवेशन) NTPC Limited शरीकोजनारं/ COAL MINING PROJECTS

- the purpose and details of proposed diversion. A copy of certificate issued by gram sabha of Bariyatu village is enclosed as annexure 1 to 3.
- (d) The discussion and decisions on such proposals had taken place only when there was a quorum of minimum 50% of the members of Gram Sabha present;
- (e) The diversion of forest land for facilities managed by the Government as required under section 3(2) of the FRA have been completed and the Gram Sabhas have given their consent to it:
- (f) The proposal does not involve recognized right of Primitive Tribal Groups and Pre-agricultural communities.

Encls.: As above.



हजारीबाग, दिनांक... 20/9/.../2024 ज्ञापांक 1357 /क0, प्रधान सचिव, राजस्व एवं भूमि सुधार विभाग, झारखण्ड, रॉची को सूचनार्थ एवं आवश्यक प्रतिलिपि:-कार्रवाई हेत् प्रेषित। सचिव, खान एवं भूतत्व विभाग, झारखण्ड, राँची को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रतिलिपि:-प्रेषित । प्रतिलिपि:-आयुक्त, उतरी छोटानागपुर प्रमण्डल, हजारीबाग को सूचनार्थ एवं आवश्यक कार्रवाई हेत् प्रतिलिपि:-वन प्रमण्डल पदाधिकारी, पश्चिमी वन प्रमण्डल, हजारीबाग एवं अन्य संबंधित सदस्यों को स्चनार्थ एवं आवश्यक कार्रवाई हेत् प्रेषित। परियोजना निदेशक, एन०टी०पी०सी० को सूचनार्थ एवं आवश्यक कार्रवाई हेत् प्रेषित। प्रतिलिपि:-प्रतिलिपि:-अनुमण्डल पदाधिकारी, सदर, हजारीबाग को सूचनार्थ प्रेषित। प्रतिलिपि:-अंचल अधिकारी, केरेडारी, हजारीबाग को सूचनार्थ प्रेषित। जिला सूचना विज्ञान पदाधिकारी, एन०आई०सी०, हजारीबाग को सूचनार्थ एवं आवश्यक प्रतिलिपि:-

कार्रवाई हेतु प्रेषित। कृपया जिला के वेवसाईट पर अपलोड करना सुनिश्चित किया जाय।

नवीन कुमार स्थाप KUMAR स्थ महारवंगक (श्रवंशन अवस्) DGU FERVT. MGMT) स्थापीती निर्मेदरा NTPC Lamited स्थापा स्थापीती निर्मेदरा NTPC Lamited स्थापीती निर्मेदरा NTPC Lamited स्थापीती मुग्ने (COAL MINING PROJECTS स्थापीताम् / Hazaribag Deputy Commissioner

(for projects other than linear projects)

Government of Jharkhand

Office of the District Collector, Hazaribag

(Scheduled Tribe, Scheduled Caste, Minority and Backward Class Department)

No..... 1358

Dated. 20/.9.1.../2024

TO WHOMSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No.11- 9/98-FC (pt.) dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Right) Act, 2006 ('FRA', for short) on the forest land proposed to be diverted for non-forest, it is certified that 9.10 Acre of forest land proposed to be diverted in favour of "NTPC Pakri Barwadih North West Coal Project" in Hazaribagh district falls within jurisdiction of Jabra village in Keredari tehsil. Details are given below:-

7 00	ग्राम/थाना संo	खाता सं0	प्लॉट सं0	अधिसूचित वन भूमि (रकवा एकड)	गैर0 खास, जंगल–झाड़ी भूमि (एकड़ में)	कुल अधिसूचित वन तथा गैर0खास, जंगल भूमि (रकवा एकड में)	अम्युक्ति
	lessone -		02	9.10	-	9.10	जंगल
1	जबरा	5	Total	9.10	-	9.10	

It is further certified that:

- (a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire 9.10 Acre of forest area proposed for diversion. A copy of records of all consultations and meetings of the Forest Rights Committee(s), Gram Sabha(s), Sub-Division Level Committee(s) and the District Level Committee are enclosed as annexure 1 to annexure 3.
- (b) The proposal for such diversion with full details of the project and its implications, in vernacular/local language have been placed before is concerned Gram Sabha of forest dwellers, who eligible under the FRA.
- (c) The each of concerned Gram Sabha(s), has certified that all formalities/processes under the FRA have been carried out, and that they have given their consent to the proposed diversion and the compensation and ameliorative measures, if any having understood the purpose and details of proposed diversion. A copy of certificate issued by gram sabha of Jabra village is enclosed as annexure 1 to 3.
- (d) The discussion and decisions on such proposals had taken place only when there was a quorum of minimum 50% of the members of Gram Sabha present;
- (e) The diversion of forest land for facilities managed by the Government as required under section 3(2) of the FRA have been completed and the Gram Sabhas have given their consent to it;
- (f) The proposal does not involve recognized right of Primitive Tribal Groups and Pre-agricultural communities.

Encls.: As above.

नवीन कुमीर I NAVIN KUMAR वर महासंघर (प्रवेशन प्रकार) (DEM (ENVI. MEMT) इस्टोर्गना (Mexist NTPC Limited कोटल सान प्रकार (Per COAL MINING PROJECTS हरुरहोसाग (Hazardbag Deputy Complisherer Deputy Commissionerer Hazanburgang

हजारीबाग, दिनांक...2.0 9 / /2024 ज्ञापांक 1358 / क0. प्रधान सचिव, राजस्व एवं भूमि सुधार विभाग, झारखण्ड, रॉची को सूचनार्थ एवं आवश्यक प्रतिलिपि:-कार्रवाई हेत् प्रेषित। सचिव, खान एवं भूतत्व विभाग, झारखण्ड, राँची को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रतिलिपि:-प्रेषित । आयुक्त, उतरी छोटानागपुर प्रमण्डल, हजारीबाग को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रतिलिपि:-वन प्रमण्डल पदाधिकारी, पश्चिमी वन प्रमण्डल, हजारीबाग एवं अन्य संबंधित सदस्यों को प्रतिलिपि:-सूचनार्थ एवं आवश्यक कार्रवाई हेत् प्रेषित। परियोजना निदेशक, एन०टी०पी०सी० को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। प्रतिलिपि:-अनुमण्डल पदाधिकारी, सदर, हजारीबाग को सूचनार्थ प्रेषित्। प्रतिलिपि:-प्रतिलिपि:-अंचल अधिकारी, केरेडारी, हजारीबाग को सूचनार्थ प्रेषित। प्रतिलिपि:-जिला सूचना विज्ञान पदाधिकारी, एन०आई०सी०, हजारीबाग को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। कृपया जिला के वेवसाईंट पर अपलोड करना सुनिश्चित किया जाय।

Deputy Commissioner

नवीन कुमार / NAVIN KUMAR का महावर्षक प्राचेत प्रवास (Dow (ENVI, MONT) (महावर्षक किल्केट NTPC Limited कोषक स्वस्थ प्रीचानक SOAL WINING PROJECTS हराशिया / Hazzarbag

(for projects other than linear projects)

Government of Jharkhand

Office of the District Collector, Hazaribag

(Scheduled Tribe, Scheduled Caste, Minority and Backward Class Department)

No... 1356...

Dated. 20/9. /. /2024

TO WHOMSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No.11- 9/98-FC (pt.) dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Right) Act, 2006 ('FRA'; for short) on the forest land proposed to be diverted for non-forest, it is certified that 52.97 Acre of forest land proposed to be diverted in favour of "NTPC Pakri Barwadih North West Coal Project" in Hazaribagh district falls within jurisdiction of Kandaber village in Keredari tehsil. Details are given below:-

那0	ग्राम/थाना संo	खाता 'सं०	प्लॉट सं०	अधिसूचित वन भूमि (रकवा एकड़)	गैर0 खास. जंगल–झाड़ी भूमि (एकड़ में)	कुल अधिसूचित वन तथा गैराठखास. जंगल भूमि (रकवा एकड़ में)	अम्युक्ति			
			212	10.13		10.13	जंगल			
			375p	6.050		6.050	जंगल			
			559	1.96		1.96	जंगल			
			625	9.02	-	9.02	जंगल			
	10		634	15.00		15.00	जंगल			
			640	4.66		4.66	जंगल			
			197		0.72	0.72	जंगल–झाड़ी			
1	कण्डाबेर	110	271		0.27	0.27	जंगल–झाड़ी			
		1 8	431		1.90	1.90	जंगल–झाड़ी			
		1	444		0.13	0.13	जंगल-आड़ी			
		1	H		-	493	-	2.07	2.07	जंगल-झाड़ी
		1 3	527		0.59	0.59	जंगल-झाड़ी			
			545		0.47	0.47	जंगल-झाड़ी			
			Total	46.82	6.15	52.97				

It is further certified that:

- (a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire 52.97 Acre of forest area proposed for diversion. A copy of records of all consultations and meetings of the Forest Rights Committee(s), Gram Sabha(s), Sub-Division Level Committee(s) and the District Level Committee are enclosed as annexure 1 to annexure 3.
- (b) The proposal for such diversion with full details of the project and its implications, in vernacular/local language have been placed before is concerned Gram Sabha of forest THE INAVINCULAR Who eligible under the FRA.

ज्यान कुमार एम महारवेचल (पर्वावल प्रथम) / DGN (ENVT, MGNT.) इन्होंनीहर्ग किलेंडर MTPC Limited कोचला राज्य प्रतिकारण / Hazzaribag

(for projects other than linear projects)

Government of Jharkhand

Office of the District Collector, Hazaribag

(Scheduled Tribe, Scheduled Caste, Minority and Backward Class Department)

No. 1553

Dated 15 110 /2024

TO WHOMSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No.11- 9/98-FC (pt.) dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Right) Act, 2006 ('FRA', for short) on the forest land proposed to be diverted for non-forest, it is certified that 86.32 Acre of forest land proposed to be diverted in favour of "NTPC Pakri Barwadih North West Coal Project" in Hazaribagh district falls within jurisdiction of

Basariya village in Keredari tehsil. Details are given below:-

जन ः	ग्राम/ थाना संo	खाता सं0	प्लॉट सं0	अधिसूचित वन मूमि (रकवा एकड़)	गैरा खास, जंगल-काड़ी भूमि (एकड़ में)	कुल अधिसूचित वन तथा गैरा जास जंगल भूमि (रकवा एकड़ में)	अम्युक्ति
1		5	27	24.00	-	24.00	
2		5	32	26.75		26.75	
3	1 20	5	34	31.75		31.75	
4	बसरिया	5	2		1.07	1.07	
5		5	10		1.33	1,33	
6		5	12		1.42	1.42	
-		Tot	-	82.50	3.82	86.32	

It is further certified that:

- The complete process for identification and settlement of rights under the FRA has been (a) carried out for the entire 86.32 Acre of forest area proposed for diversion. A copy of records of all consultations and meetings of the Forest Rights Committee(s), Gram Sabha(s), Sub-Division Level Committee(s) and the District Level Committee are enclosed as annexure 1 to annexure 3.
- The proposal for such diversion with full details of the project and its implications, in (b) vernacular/local language have been placed before is concerned Gram Sabha of forest dwellers, who eligible under the FRA.
- The each of concerned Gram Sabha(s), has certified that all formalities/processes under (c) the FRA have been carried out, and that they have given their consent to the proposed diversion and the compensation and ameliorative measures, if any having understood the purpose and details of proposed diversion. A copy of certificate issued by gram sabha of Basariya village is enclosed as annexure 1 to 3.
- The discussion and decisions on such proposals had taken place only when there was a (d) quorum of minimum 50% of the members of Gram Sabha present;
- The diversion of forest land for facilities managed by the Government as required under (e) section 3(2) of the FRA have been completed and the Gram Sabhas have given their consent to it;
- The proposal does not involve recognized right of Primitive Tribal Groups and (f) Pre-agricultural communities.

Encls,: As above.

Deputy Commissioner Deputyl Carronicsioner Hazaribág

उप महाप्रवंधक (पर्यायस्य प्रकेपन) / DGM (ENVT. MGNT.) enchilett (APICE/ NTPC Limited कोयता स्थलन परियोजनाः / COAL MINING PROJECTS

हज्जीवाग ! Hazaribag

(for projects other than linear projects)

Government of Jharkhand

Office of the District Collector, Hazaribag

(Scheduled Tribe, Scheduled Caste, Minority and Backward Class Department)

Dated 15 10 /2024

TO WHOMSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No.11- 9/98-FC (pt.) dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Right) Act, 2006 ('FRA', for short) on the forest land proposed to be diverted for non-forest, it is certified that 86.32 Acre of forest land proposed to be diverted in favour of "NTPC Pakri Barwadih North West Coal Project" in Hazaribagh district falls within jurisdiction of

Basariya village in Keredari tehsil. Details are given below:-

350	ग्राम/ धाना संo	खाता संo	प्लॉट सं0	अधिसृचित वन भूमि (रकवा एकड)	गैसा खास, जंगल—झाड़ी भूमि (एकड में)	कुल अधिस्वित वन तथा गैरा खास जंगल भूमि (रकवा एकड़ में)	अम्युक्ति
1		5	27	24.00		24.00	
2		5	32	26.75		26.75	
3	Part of the second	5	34	31.75		31.75	
4	बसरिया	5	2	-	1.07	1.07	
5		5	10		1.33	1.33	
6		5	12		1.42	1.42	
0		Tot	-	82.50	3.82	86.32	

It is further certified that:

- The complete process for identification and settlement of rights under the FRA has been carried out for the entire 86.32 Acre of forest area proposed for diversion. A copy of records of all consultations and meetings of the Forest Rights Committee(s), Gram Sabha(s), Sub-Division Level Committee(s) and the District Level Committee are enclosed as annexure 1 to annexure 3.
- The proposal for such diversion with full details of the project and its implications, in (b) vernacular/local language have been placed before is concerned Gram Sabha of forest dwellers, who eligible under the FRA.
- The each of concerned Gram Sabha(s), has certified that all formalities/processes under (c) the FRA have been carried out, and that they have given their consent to the proposed diversion and the compensation and ameliorative measures, if any having understood the purpose and details of proposed diversion. A copy of certificate issued by gram sabha of Basariya village is enclosed as annexure 1 to 3.
- The discussion and decisions on such proposals had taken place only when there was a (d) quorum of minimum 50% of the members of Gram Sabha present;
- The diversion of forest land for facilities managed by the Government as required under (e) section 3(2) of the FRA have been completed and the Gram Sabhas have given their consent to it;
- The proposal does not involve recognized right of Primitive Tribal Groups and (f) Pre-agricultural communities.

Encls.: As above.

Deputy Commissioner Deputy Carronies oner Hazanbag

वप महाप्रवंतक (पर्यावरण प्रवंतन) I DGM (ENVT. MGMT.) कृतनीती विकित्र NTPC Limited कोवला सानन परियोजना । COAL MINING PROJECTS gadnarail i Piararibag

हजारीबाग, दिनांक 15] 10 /2024 जापांक 1553 /क0. प्रधान सचिव, राजस्य एवं भूमि सुधार विभाग, झारखण्ड, रॉची को सूचनार्थ एवं आवश्यक प्रतिलिपि:-कार्रवाई हेतु प्रेषित। सचिव, खान एवं भूतत्व विभाग, झारखण्ड, राँची को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रतिलिपि:-आयुक्त, उतरी छोटानागपुर प्रमण्डल, हजारीबाग को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रतिलिपि:-वन प्रमण्डल पदाधिकारी, पश्चिमी वन प्रमण्डल, हजारीबाग एवं अन्य संबंधित सदस्यों को प्रतिलिपि:-सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। परियोजना निदेशक, एन०टी०पी०सी० को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। प्रतिलिपि:-अनुमण्डल पदाधिकारी, सदर, हजारीबाग को सूचनार्थ प्रेषित। प्रतिलिपि:--अंचल अधिकारी, केरेडारी, हजारीबाग को सूचनार्थ प्रेषित। प्रतिलिपि--जिला सूचना विज्ञान पदाधिकारी, एन०आई०सी०, हजारीबाग को सूचनार्थ एवं आवश्यक प्रतिलिपि:--कार्रवाई हेतु प्रेषित। कृपया जिला के वेवसाईट पर अपलोड करना सुनिश्चित किया जाय।

> उपायुक्त issioner Deputy अर्थामा issioner

नवीन कुमार / NAVIN KUMAR स्म महाविध्य (पर्याप्तर प्रवाद) DGN (ENVT. MONT.) इन्हेंनेती स्मिन्द्र अगस्ट Limited कोवता समन परिद्य अगा COAL MINING PROJECTS स्थानियाग / Hazambag

(for projects other than linear projects)

Government of Jharkhand

Office of the District Collector, Hazaribag

(Scheduled Tribe, Scheduled Caste, Minority and Backward Class Department)

No. 1554....

Dated 15 119 ... /2024

TO WHOMSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No.11- 9/98-FC (pt.) dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Right) Act, 2006 ('FRA', for short) on the forest land proposed to be diverted for non-forest, it is certified that 70.71 Acre of forest land proposed to be diverted in favour of "NTPC Pakri Barwadih North West Coal Project" in Hazaribagh district falls within jurisdiction of Nawadih village in Keredari tehsil. Details are given below:-

250	ग्राम/ धाना संo	खाता संo	फॉट संo	अधिसूचित वन भूगि (स्कवा एकड़)	गैशः खासः, जंगल—झादी भूमि (एकड में)	गुल अधिस्थित यन सथा गैराध्यास, जंगल भूमि (रकथा एकड़ में)	अन्युक्ति
-			162p	3.27		3.27	
		1	276p	0.15		0.15	
			399p	3.81		3.81	
		1	422	21.00		21.00	
- 1			505	33.50		33.50	
			152p	-	0.80	0.80	
1	नावाडीह	3	174p		3.54	3.54	
- 1			187p		0.39	0.39	
- 1			207	7-2	2.14	2.14	
- 1			218p		0.73	0.73	
- 1			237p		0.06	0.06	
			316		1.32	1.32	
\dashv			3.0	61.73	8.98	70.71	

It is further certified that:

- (a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire 70.71 Acre of forest area proposed for diversion. A copy of records of all consultations and meetings of the Forest Rights Committee(s), Gram Sabha(s), Sub-Division Level Committee(s) and the District Level Committee are enclosed as annexure 1 to annexure 3.
- (b) The proposal for such diversion with full details of the project and its implications, in vernacular/local language have been placed before is concerned Gram Sabha of forest dwellers, who eligible under the FRA.
- (c) The each of concerned Gram Sabha(s), has certified that all formalities/processes under the FRA have been carried out, and that they have given their consent to the proposed diversion and the compensation and ameliorative measures, if any having understood the purpose and details of proposed diversion. A copy of certificate issued by gram sabha of Nawadih village is enclosed as annexure 1 to 3.

नवीन कुमार / NAVIN KUMAR ज्य महासंबद्ध (कवितन प्रवंग) I DGM (ERVT. NGNT.) इन्तर्भीकी क्षिप्रेश NTPC Limited कोवक प्रमुख प्रिचेतन्तर्थ COAL MINING PROJECTS इस्तरिवाम / Hazaribag

- (d) The discussion and decisions on such proposals had taken place only when there was a quorum of minimum 50% of the members of Gram Sabha present;
- (e) The diversion of forest land for facilities managed by the Government as required under section 3(2) of the FRA have been completed and the Gram Sabhas have given their consent to it;
- (f) The proposal does not involve recognized right of Primitive Tribal Groups and Pre-agricultural communities.

Encls.: As above.

Deputy Commissioner

ज्ञापांक 1554 /क0, हजारीबाग, दिनांक 15/10 /2024 - प्रधान सचिव, राजस्व एवं भूमि सुधार विभाग, झारखण्ड, रॉची को सूचनार्थ एवं आवश्यक

प्रतिलिपि:- प्रधान सचिव, राजस्य एवं भूमि सुधार विभाग, झारखण्ड, राँची को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

प्रतिलिपि:- सिचव, खान एवं भूतत्व विभाग, झारखण्ड, राँची को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

प्रतिलिपि:- आयुक्त, उत्तरी छोटानागपुर प्रमण्डल, हजारीबाग को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

प्रतिलिपि:— वन प्रमण्डल पदाधिकारी, पश्चिमी वन प्रमण्डल, हजारीबाग एवं अन्य संबंधित सदस्यों को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

प्रतिलिपि:- परियोजना निदेशक, एन०टी०पी०सी० को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

प्रतिलिपि:- अनुमण्डल पदाधिकारी, सदर, हजारीबाग को सूचनार्थ प्रेषित। प्रतिलिपि:- अंचल अधिकारी, कैरेडारी, हजारीबाग को सूचनार्थ प्रेषित।

प्रतिलिपि:— जिला सूचना विज्ञान पदाधिकारी, एन०आई०सी०, हजारीबाग को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। कृपया जिला के वेवसाईट पर अपलोड करना सुनिश्चित किया जाय।

> Deputy Constitutioner Hazaring

नवीन कुमीर / NAVIN KUMAR का महारावक (पर्यावल कार्य-106M (ENVI. MGMI) हमजीवी क्रिकिट MTPC Limited कोमल खन्न परिवेजनार/ COAL Mining PROJECTS हमारीमाग / Hazaribag

(for projects other than linear projects)

Government of Jharkhand

Office of the District Collector, Hazaribag

(Scheduled Tribe, Scheduled Caste, Minority and Backward Class Department)

No. 1555

Dated 15/10 /2024

TO WHOMSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forests (MoEF), Government of India's letter No.11- 9/98-FC (pt.) dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Right) Act, 2006 ('FRA', for short) on the forest land proposed to be diverted for non-forest, it is certified that 60.56 Acre of forest land proposed to be diverted in favour of "NTPC Pakri Barwadih North West Coal Project" in Hazaribagh district falls within jurisdiction of Sirma village in Keredari tehsil. Details are given below:-

350	ग्राम/धाना। सं0	खाता सं0	प्लॉट संo	अधिसूचित वन भूमि (स्कवा एकड)	गैरा खास, जंगल-झाड़ी भूमि (एकड में)	कुल अधिसूचित दन तथा गैराध्यास, जंगल भूमि (रकवा एकड़ में)	अभ्युक्ति
\neg			30p	50.80		50.80	
	1/4	1	97p		1.01	1.01	
			144		2.68	2.68	
		1	195	2 4	2.47	2.47	
1	सिरमा	12	240	- 2	1.82	1.82	
*	13131	1.5	245		0.30	0.30	
			247		0.74	0.74	441
			291		0.33	0.33	
		- 7	296		0.41	0.41	8145
-		To	tal	50.80	9.76	60.56	

It is further certified that:

The complete process for identification and settlement of rights under the FRA has been (a) carried out for the entire 60.56 Acre of forest area proposed for diversion. A copy of records of all consultations and meetings of the Forest Rights Committee(s), Gram Sabha(s), Sub-Division Level Committee(s) and the District Level Committee are enclosed as annexure 1 to annexure 3.

di

- The proposal for such diversion with full details of the project and its implications, in (b) vernacular/local language have been placed before is concerned Gram Sabha of forest dwellers, who eligible under the FRA.
- The each of concerned Gram Sabha(s), has certified that all formalities/processes under (c) the FRA have been carried out, and that they have given their consent to the proposed diversion and the compensation and ameliorative measures, if any having understood the purpose and details of proposed diversion. A copy of certificate issued by gram sabha of Sirma village is enclosed as annexure 1 to 3.
- The discussion and decisions on such proposals had taken place only when there was a (d) quorum of minimum 50% of the members of Gram Sabha present;

एन महाप्रबंधक (वर्षात्तम् प्रबंधन्) / DGM (ENVT. MGMT.) problem (AMES/ NTPC Limited कोवल करन परियोजनाएं/ COAL MINING PROJECTS हजारीबाग / Hazaribag

- (e) The diversion of forest land for facilities managed by the Government as required under section 3(2) of the FRA have been completed and the Gram Sabhas have given their consent to it;
- (f) The proposal does not involve recognized right of Primitive Tribal Groups and Pre-agricultural communities.

Encls.: As above.

Deputy Commissionerr Deputy Hazariban

हजारीबाग, दिनांक 15/10 /2024 जापांक 1555 /क0. प्रधान सचिव, राजस्व एवं भूमि सुधार विभाग, झारखण्ड, रॉची को सूचनार्थ एवं आवश्यक प्रतिलिपि:-कार्रवाई हेत् प्रेषित। सचिव, खान एवं भूतत्व विभाग, झारखण्ड, राँची को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रतिलिपि:-आयुक्त, उत्तरी छोटानागपुर प्रमण्डल, हजारीबाग को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रतिलिपि:-वन प्रमण्डल पदाधिकारी, पश्चिमी वन प्रमण्डल, हजारीबाग एवं अन्य संबंधित सदस्यों को प्रतिलिपि:-सचनार्थ एवं आवश्यक कार्रवाई हेत् प्रेषित। परियोजना निदेशक, एन०टी०पी०सी० को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। प्रतिलिपि:-अनुमण्डल पदाधिकारी, सदर, हजारीबाग को सूचनार्थ प्रेषित। प्रतिलिपि:-प्रतिलिपि:-अंचल अधिकारी, केरेडारी, हजारीबाग को सूचनार्थ प्रेषित। जिला सूचना विज्ञान पदाधिकारी, एन०आई०सी०, हजारीबाग को सूचनार्थ एवं आवश्यक प्रतिलिपि:-कार्रवाई हेत् प्रेषित। कृपया जिला के वेवसाईट पर अपलोड करना सुनिश्चित किया जाय।

Beputy Control Deputy Control Hazan Dad

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नवीन कुमरि / NAVIN KUMAR एम महात्रवंग्रह (मर्चादल प्रदेशन I DOW (ENVI. MGMT.) इन्होंचीही क्रिकेटर NTPC Limited कोवला चनन परियोजनारी COAL MINING PROJECTS हजारीजान / Hazaribag ्रकार ५२,०७८,२०२४ को उपायुक्त, हजारीबाग की अध्यक्षता में आयोजित जिला स्तरीय बनाधिकार ६५ र गाउँ की बेटक की कार्यवाती

ा देवांते: पंजी के अनुसार।

Pan base

्राविकार विकास कार्यात कार्यात कार्यात करियानारी हैं जिस्से विकास विकास स्थान स्थान का स्थान किया अध्यान किया अध्यान किया अध्यान कार्यात कार्यात कर आहे. अनुमति से जिस्से विकास विकास व्यवसान व्यवस्थित है अस्ति के द्वारा स्थान कर कार्यात कर अध्यान कर अध्यान कार्यात कर अध्यान क

एकोण्डा १ -- कन्याण्डल रहरीय बनाधिकार शामिति, सधर, एजारीयाम (प्रापाक-- 1208 दिनाक-- 25.06.2524) ये कनुनीदित केनेटारी जावल को गोजा-- पवधा में भन्द्रगुपा कोल गाईस (सी०सी०एल०) में पड़ने वाले दर भूमि इस बावल द्वादी नृति वह अपयोजन से शामिश प्रस्ताव समिति के समक्ष रखा गया। जिसके भूमि की विवर्णी

	A (France)	खाता संव	फ्संट राज	अधिसूचित वन गुगि (ए० गे)	जंगल झाडी (ए० में)	कुल रकवा (ए० में)
			437	16.80	7.70	24.50
			513	11.10	15.40	26.50
			919	0.00	20.40	20,40
			946	0.00	0.07	0.07
			999	0.00	8.50	8.50
			1180	18.90	6 10	25.00
			1195	15.43	4.84	20.27
			:200	5.00	1,49	6.46
-1	1131201	:93	1412	6.00	0.91	0.91
			1880	0.00	1.85	1.85
			2380	8.56	2.13	10.69
2			2381	19.92	10.42	30.34
5			2382	30.84	8.36	39.20
4			1180/2386	0.00	0.33	0.33
			2388	0.00	0.83	0.83
5.			2390	9.80	2.50	12,30
7		wet:-		136.35	91.82	228.17

सिन्दि प्राप्त सर्वादेश कामजातो की जोंधोपरांत तपरोक्त विवरणी के अनुसार यन अधिकार इंटिनियम २७५६ व्हें एका १३६,३५ एकड अधिसूचित यन भूगि एवं ११.82 एकड जंगल-झाड़ी भूमि मुख-२४६.१७ एकड पृणि यह अभिकार अधिनियम, २००६ के तहत प्रमाण पत्र निर्मत किये जाने हेतु सर्वसम्मति सं विविध सिवा गया।

पुजाप्या 👂 — अनुसम्बास स्वरीत सम्बद्धिकार समिति, सदर (जापांक- 1002 दिनांक- 05.06.2024) से आसमिति करेद्रांत असल या माजा चलातु में पक्षी करवाहींद्र कोल भ्योंक को नाथ तेरद परियोजना (PBNW 16008) अनुसार एड- जाद तम पूर्वि एवं जायल शाधी मूचि का अपयोजना से संबंधित समिति के समक्ष रखा माना जिल्लाको निकासको है-

slio	साग्र/ ५वना राज	खाता संव	प्लॉट संब	अधिसूमित वन भूमि (ए० मे)	मेर खास जगल झाठी (ए० मे)	कुल रकवा (ए० मे)	किस्म
7			58p	5.58		5.58	जनाल
12	वलवु	(98)	63p	1-14		1.34	जागज



नवीन कुमार / NAVIN KUMAR स्थ महासंग्र (प्रचलित प्रस्ता) / DON (ENVI. NGNI.) इन्द्रमाता (स्थित प्रस्ता) / DON (ENVI. NGNI.) क्षेत्रमा सम्भ जीवांत्रमारं (COAL MINING PROJECTS Scanned क्षेत्रमारं / DINFPROSCANDER

	क्रुल:-			12.80	8.52	21.32	
			222p		0.07	0.07	जंगल-डा
		1 1	214p		1.64	1.64	जंगल-अ
-	-		198p		0.46	0.46	वस्मल-आ
	बेलतु	001	143p	14	5.83	5.83	जंगल-डा
1	Page Salar		81p		0.52	0.52	जगल-आ
4			87	1,16		1.16	जंगल
			84p	4.72	9	4.72	संगल

समिति द्वारा रायधित कागजातो की जॉबोपरात उपरोक्त विवरणी के अनुसार वन अधिकार अधिनियम, 2006 के तहत कुल- 21.32 ए० वन भूमि/गैर खास जंगल-डााडी भूमि का वन अधिकार अधिनियम, 2006 के तहस प्रमाण पत्र निर्गत किये जाने हेतु सर्वसम्मति से निर्णय लिया गया।

एजेण्डा 3 :- अनुमण्डल स्तरीय वनाधिकार समिति, सदर (ज्ञापांक- 1002 दिनांक- 05.06.2024) से अनुमोदित **मञ्जाजान** अंचल के मीजा- उरुब में पकरी बरवाडीह कोल ब्लॉक के नार्थ वेस्ट परियोजना (PB-NW Block) अन्तर्गत पड़ने वाले वन भूमि एवं जंगल झाड़ी भूमि का अपयोजन से संबंधित समिति के समक्ष रखा

गया। विवरणी मिस्तान है

ħο	याम/धाना संo	खाता सं०	प्लॉट सं०	सर्वे रकबा	अर्जित रकवा (ए० में)	अर्जित एकवा (हेक्टेयर में)	भूगि का प्रकार
1			635p	130	1.00	0.405	ंगेर
2			661	9.82	9.82	3.974	भजरूआ
3	उक्तव/41	49	666	7.95	7.95	3.217	अंगल
4	100	1830 1	667p	6.91	4.75	1.922	1000000
5			689p	2.89	0.03	0.012	झाड्डी
		च्यु ए	रकवा:-		23.55	9.531	

समिति हारा संबंधित कागजातों की जाँचोपरांत उपरोक्त विवरणी के अनुसार वन अधिकार अधिनियम, 2006 के तहत कुल- 23.55 ए० गैर मजरूआ जंगल-डाडी भूमि का वन अधिकार अधिनियम, 2006 के तहत प्रमाण पत्र निर्गत किये जाने हेत् सर्वसम्मति से निर्णय लिया गया।

एजेण्डा 4 :- दिनांक 17.01.2024 को आहत जिला स्तरीय समिति की बैठक में किये गये आपत्ति के आलोक में निराकरण उपरांत अंचल अधिकारी, चुरचू के पत्रांक 132 दिनांक 13.03.2024 द्वारा चुरचू अंचल अन्तर्गत मीजा बासाडीह में भारत माला परियोजना अन्तर्गत 184.400 किंग्मी० से 387.200 किंग्मी० तक वाराणासी से कोलकाता के 4/5 लेन के निर्माण हेत् वन भूमि का अपयोजन हेत् प्राप्त प्रस्ताव समिति के समक्ष रखा गया। विवरणी निग्नवत है-

ग्राम	थाना संo	खाता सं०	प्लॉट संo	अधिसूचित वन भूमि (हे० में)	गैरमजरूआ खास जंगल झाड़ी (है० में)	कुल रकबा (हे० में)	अम्युक्ति
वासाडीह	23	568	587	4.4618	1.6825	6.1443	जंगल
वासाडीह	23	568	593	0.0975	-	0.0975	जंगल
वासाडीह	23	568	643	8.5715	0.4772	9.0487	जंगल
			कुल	13,1308	2.1597	15.2905	

समिति द्वारा संबंधित कागजातों की जाँचोपरांत उपरोक्त विवरणी के अनुसार यन अधिकार अधिनियम् २००६ के तहत कुल- १५.२९०५ हेक्टेयर अधिसूचित वन भूमि/गैरमजरूआ खास जंगल-झाडी भूमि का यन अधिकार अधिनियम, 2006 के तहत प्रमाण पत्र निर्मत किये जाने हेतु सर्वसम्मति से निर्णय लिया गया। एजेण्डा 5 -- दिनांक 17.01.2024 को आहुत जिला स्तरीय समिति की बैठक में किये गये आपत्ति के आलोक में निराकरण उपरांत अंचल अधिकारी, पुरचू के पत्रांक 132 दिनांक 13,03,2024 द्वारा चुरचू अंचल अन्तर्गत

मीज। दासोखाप में भारत माला परियोजना अन्तर्गत 184.400 कि०मी० से 387.200 कि०मी० सक वाराणासी से कांलकाता के 4/6 लेन के निर्धाण हेतु वन भूगि का अपयोजन हेतु प्राप्त प्रस्ताव समिति के समक्ष रखा गया। विवरणी निम्नवत है:-

नवीन कुमार I NAVIN KUMAR उप महाप्रबंधक (पर्यावरण प्रवंधन) / DGM (ENVI. MONT.) PICKIFAL RAFES/ NTPC Limited प्रेयला खनन परियोजनाएं/ COAL MINING PROJECTS

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ग्राम	याना संo	खाता रां०	प्लॉट सं०	अधिसूचित वन भूगि (हे० गे)	गैरगजरूआ खास जंगल डााडी (हे० मैं)	कुल रक्या (हे० में)	अन्युवित
दासाखाप	58	68	638	2.3900	0.2478	2.6378	जगल/जगल आडी
	-			2,3900	0.2478	2.6378	

समिति द्वारा संबंधित कागजातों की जोंचोपरांत उपरोक्त विवरणी के अनुसार वन अधिकार अधिनियम, 2006 के तहत कुल- 2,6378 हैक्ट्रेयर अधिर्मुधित वन भूमि/पेरमजरूआ खास जगल-इन्हीं का वन अधिकार अधिनियम, 2006 के तहत प्रमाण पत्र निर्मत किये जाने हेतु सर्वसमाति से निर्णय लिया गया। एजेण्डा 8 :- दिनाक 17,01,2024 को आहूत जिला रतरीय समिति की बैठक में किये गये आपति के आलोक में निराकरण उपरांत अंचल अधिकारी, युरचू के प्रचाक 132 दिनांक 13,03,2024 हारा युरचू अंचल अन्तर्गत मोजा गुकरू में भारत माला परियोजना अन्तर्गत 184,400 कि०मी० से 387,200 कि०मी० तक बाराणासी से कोलकात। के 4/6 लेन के निर्माण हेतु वन भूमि का अपयोजन हेतु प्राप्त प्रस्ताव समिति के समझ रखा गया। विवरणी निम्नवत है:-

अन्युक्ति	कुल रकवा (हे० में)	गैरमजरूआ खास जंगल झाड़ी (हे० में)	अधिसूचित वन भूमि (हे० में)	प्लॉट संo	खाता संo	थाना संo	ग्राम
जंगल झाड़ी	1.7627	The second secon	1.				
जंगल आदी		1.7627	0.00	529	01	59	मुकारत
जानाचा आकृ	2.6866	2.6866	0.00	536	01	59	मकरत
arte	4.4493	4,4493	0.00	कल			3

समिति द्वारा संबंधित कागजातों की जाँचोपरांत उपरोक्त विवरणी के अनुसार वन अधिकार

अधिनियम, 2006 के तहत कुल- 2.6378 हेक्टेयर अधिसूचित वन भूमि/गैरमजरूआ खास जंगल-झाडी का वन अधिकार अधिनियम, 2006 के तहत प्रमाण पत्र निर्गत किये जाने हेतु सर्वसम्मित से निर्णय लिया गया। एजेण्डा 7:- दिनांक 17.01.2024 को आहूत जिला रत्तरीय समिति की बैठक में किये गये आपित के आलोक ने निराकरण उपरांत अंचल अधिकारी, सदर के पत्रांक 395 दिनांक 18.03.2024 द्वारा सदर अंचल अन्तर्गत अभिलेख संख्या 06/2023-24 के भीजा दोनो रेशाम में भारत माला परियोजना अन्तर्गत 184,400 कि॰मी॰ से 367.200 कि॰मी॰ तक वाराणासी से कोलकाता के 4/6 लेन के निर्माण हेतु प्राप्त अभिलेख 06/2023-24 समिति के समक्ष रखा गया। जिसके भूमि की विवरणी निन्नवत् हैं:-

-					Plot wis	se Area (Ha)	
SI.	Survey/	Land type as	Nature of Land	GM JJ	Notific	d Forest	
No.	Plot No.	per Land Record		Land	Demarketed Forest	Undemarketed Forest	Total (Ha)
1	7	Government	Protected Forest	0.0000	3.2890	0.1832	3.4722
2	6	Government	Protected Forest	0.0000	1.2474	1.1817	2.4291
3	5	Government	Protected Forest	0.0000	0.2624	0.0000	0.2624
4	146	Government	Protected Forest	4.7507	0.0000	0.0000	4.7507
5	153	Government	Protected Forest	0.0000	11.2849	0.0000	11.2849
		Total		4.7507	16.0837	1.3649	22.1993

समिति द्वारा संबंधित कामजातों की जोंचीपरांत उपरोक्त विवरणी के अनुसार वन् अधिकार अधिनियम, 2006 के तहत कुल- 22.1993 हेक्ट्रैयर वन भूमि/गैरमजरूआ जमल-झाड़ी का वन अधिकार अधिनियम, 2006 के तहत प्रमाण पन्न निर्मत किये जाने हेतु सर्वसम्मति से निर्णय लिया गया। एजंण्डा 8:- दिनांक 17.01.2024 को आहत जिला स्तरीय समिति की बैठक में किये गये आपित के आलोक

एजेण्डा 8:- दिनाक 17.01.2024 को आहूत जिला रतरीय सीमीते की बैठक में किये गये आपत्ति के आलोक में निराकरण उपरांत अंचल अधिकारी, कटकमदाग के पत्तक 323 दिनांक 09.03.2024 द्वारा कटकमदाग अंचल अन्तर्गत अभिलेख संख्या 02/2023 24 के गौजा सिरसी--2 अन्तर्गत प्रमण्डलीय मुख्यालय में महिला

नवीन कुमार / NAVIN KUMAR वर्ष महार्थक (पर्यवन प्रवान) / DGM (ENVT. MGNT.) क्राटीशी विकिथा NTPC Limited

कोपला खनन परियोजनार/ COAL MINING PROJECTS हजारीबाय / Hazaribag

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कल्लक	मीला	खाता रा०	प्लॉट राव	रकवा (ए० में)	किस्म
1	रिस्सी-2	251	848	5.00	गीर मजरूआ खा किस्म जीगल
		क्ल		5.00	

समिति हारा संबंधित कामजाती की जॉचीपरांत उपरोक्त विवरणी के अनुसार वन अधिकार अधिनियम 2006 के तहत कुल- 5.00 एकड़ गैरमजरूआ जंगल भूमि का गंग अधिकार अधिनियम, 2006 के

तहत प्रमाण पत्र निर्मत किये जान हेत् सर्वसम्मति से निर्णय लिया गया। अन्यान्य — वन अधिकार अधिनियम, 2006 के तहत वन में नियास करने वाली अनुसूचित जनजातियाँ और एस वनों में निवास करने वाले अन्य परंपरागत बन निवासियों के वन अधिकारों और वन भूमि पर Rights/पट्टा देने का प्रावधान है। भारत सरकार के संकल्प संख्या CG-DL-E-08042022-234990 दिनांक 08.04.2022 के आलोक में कार्मिक, प्रशासनिक एवं राजभाषा विभाग, आरखण्ड रारकार के पत्रांक 2937 दिनांक 06.05.2022 डारा खरवार, गंड्यू मोग्ता को अनुसूचित जनजाति में सम्भिलित किया गया है, जिन्हें वन अधिकार अधिनियम, 2006 के तहत तम अधिकारों और वन भूमि पर Rights/पट्टा देने के संबंध में सरकार के सविव. अनुसूचित जनजाते. अनुसूचित जाति, अल्पसंख्यक एवं पिछडा वर्ग कल्याण विभाग, आरखण्ड एवं आदिवासी कल्याण आयुक्त, आरखण्ड से मार्ग-निर्देश प्राप्त करने का निर्णय लिया गया।

अनुमण्डल पदाधिकारी, सदर द्वारा वतलाया गया कि केरेडारी अंवल के मीजा वरियातु, कण्डाबेर एवं जवरा में पकरी बरवाडीह कोल ब्लॉक के नार्थ वेस्ट परियोजना (PB-NW Block) के अन्तर्गत पडनै वाले वन भूमि / गैर मजरूआ भूमि पर संदेहारपद / अवैध जमावंदी को रदद करने की कार्रवाई प्रक्रियाधीन है जिस कारण अनुमण्डल स्तरीय बनाधिकार समिति हारा FRA प्रमाण पत्र निर्गत करने हेतु प्राप्त प्रस्तावों को त्तंदंधित अंचल अधिकारी को वापस किया गया है। इस संबंध में समिति हारा निर्णय लिया गया कि कार्य हित ने उक्त वापस किये गये प्रस्तायों को पुन प्राप्त कर FRA प्रमाण पत्र निर्गत करने के संबंध में आवश्यक कार्रवाई की जाय। संदेहास्पद/अवैध जमावंदी रदद के संबंध में अंतिम निर्णय प्राप्त होने पर यह प्रभावित \$190 I

सधन्यवाद ज्ञापन के साथ बैठक की कार्यवाही समाप्त की गई।

पदाधिकारी रामगढ ।

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वन प्रमण्डल पटाँघेकारी दक्षिणी वन प्रमण्डल चतरा।

पश्चिमी वन प्रमण्डल हजारीबाग ।

हजारीवाग ।

सदर, हजारीवाग।

/市0

हजारीबाग, दिनांक 02/07 / 2024

प्रतिलिपि--

समी संबंधित को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

प्रतिलिप-

सरकार के सचिव, अनुसूचित जनजाति, अनुसूचित जाति, अल्पसंख्यक एवं पिछडा वर्ग कल्थाण

विभाग, झारखण्ड, राँची को सूचनार्थ प्रेषित।

प्रतिलिपि:-

आदिवासी कल्याण आयुक्त, झारखण्ड, राँची को सूचनार्थ प्रेषित।

हजारीचाम ।

ON THE WAR I WAS COME WAS TO PROJECTS Balanta I Hazarbag

दिनांक 29.07.2024 को उपायुक्त, एजारीबाग की अध्यक्षता में आयोजित जिला स्तरीय वनाधिकार समिति की बैठक की कार्यवाही:-

उपस्थिति:- पंजी के अनुसार।

कार्यवाही

सर्वप्रथम जिला कल्याण पदाधिकारी, हजारीवाग द्वारा सभी उपस्थित सनस्यां का स्वागन किया गया। तत्पश्चात उपायुवत—सह—अध्यक्ष की अनुमित से जिला कल्याण पदाधिकारी, हजारीवाग क द्वार वन अधिकार अधिनियम 2006 के तहत अनुमण्डल स्तरीय बनाधिकार समिति, सदर, हजारीवाग से अनुमादिन ०३ प्रस्तावों जो पकरी बरवाडीह कोल ब्लॉक के नार्थ वेस्ट परियोजना (PB-NW Block) रा वन अधिकार अधिनियम, 2006 के तहत अनापित्त किरने से संबंधित है। निम्न निर्णय लिया गया –

प्रस्ताव 1 :- अनुमण्डल रत्तरीय बनाधिकार समिति, सदर, हजारीयाग (ज्ञापांक- 1383 दिनांक- 13.07 2024) रा अनुमोदित केरेडारी अचल के मौजा- कण्डावेर में पकरी वरवाडीह कोल क्लॉक के नार्थ वंस्ट परियोजना (1713-NW Block) में पड़ने वाले बन भूमि एवं जंगल झाडी भूमि का अपयोजन से संबंधित प्रस्ताव समिति के समक्ष रखा गया। जिसके भूमि की विवरणी निम्नवत् है-

声()	ग्राम/धाना स०	खाता संo	प्लॉट सं०	अधिसृचित वन भूमि (रकवा एकड)	गैश्व खास, जंगल-झाड़ी भूगि (एकड़ में)	कुल अदिसृचिरा बन तथा गैर०खास. जंगल भूमि (रकवा एकड में)	अभ्युक्ति									
			212	10.13		10.13	जंगल									
			375p	6,050	-	6.050	जगल									
	. =			A1008395_1	-	1.96	वांगल									
			559	1.96		9.02	जंगल									
			625	9.02		15.00	जंगल									
	1		634	15.00		4.66	जंगल									
			640	4.66	0.72	0.72	जंगल-आडी									
1		110	110	110	110	110	110	110	110	110	110	197		2886		अंगल-आही
.1	कण्डावेर										271		0.27	0.27		
	1						431		1.90	1.90	जगल-झाढी					
			444		0.13	0.13	जंगल-आडी									
			493		2.07	2.07	जंगल-झाडी									
		7	527	12	0.59	0.59	जंगल-झाडी									
				-	0.47	0.47	जगल-झाडी									
			545		100000	52.07										
			Total	46.82	6.15	52.97										

जिला कल्याण पदाधिकारी, हजारीबाग द्वारा समिति को अवगत कराया गया कि अंचल अधिकारी, केरेडारी से प्राप्त प्रतिवेदन के अनुसार उक्त खाता प्लॉट की जमीन पर कतिपय रैयलों द्वारा किये गये दावों और उससे संबंधित पंजी—II में चल रही जमावंदी को रदद करने हुत बिहार/झारखण्ड भूमि सुधार अधिनियम, 1950 की धारा 4(h) के तहत संदेहारयद/अवैध जमाबंदी वाद सं० 07/24-25, 08/204-25 के द्वारा भूमि सुधार उपसमाहत्तां, सदर, हजारीवाग को भेज दी गयी है।

समिति द्वारा संबंधित कागजातों की जाँचोपरांत उपरोक्त विवरणी के अनुसार अधिसूचित वन भूमि— 46.82 ए० एवं गैर मजरूआ जंगल—झाड़ी भूमि— 6.15 ए० कुल— 52.97 ए० भूमि का वन अधिकार अधिनियम, 2006 के तहत प्रमाण पत्र निर्गत किये जाने हेतु सर्वसम्मति से निर्णय लिया गया। समिति द्वारा यह भी निर्णय लिया गया कि संदेहास्पद/अवैध जमांबदी रद्द के संबंध में अतिम निर्णय से यह प्रभावित होगा।

नवीन कुमार / NAVIN KUMAR का महत्रवंधक (पर्याचन प्रवेचने) I DGM (ENVT. MOMT.) एन्ट्रेपीली किन्मेटा NTPC Limited कोवला सन्तर परियोजनाएं। COAL MINNG PROJECTS एजारियान / Hazaribag

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प्रस्ताव 2 :- अनुसर्वाल स्तरीय वनाविकार सांबंधि सदर ब्राणक 1385 दिनाव 1377 8024 व अनुसरित केरेटारे अगल वे मोला- यरिकानु म पक्षी बस्तावीए काल प्लीच क नहीं कर परिवालना एम. NW Block अन्तर्गत पढने वाले वन भृति एवं अगल आहीं भूति का अपधानम स सर्वाधित संगिति क स्वक्ष रहा राजा विकास किस्तात है -

₹6	गाम,/धामा संव	खाता सक	प्लॉट स०	अधिसूबित वन भूगि (रकवा एकड)	गैर0 सास, जगल-झाडी भूमि (एकड में)	कुल अधिम्(यत वन तथा गैरवतामः जगस भूमि (रकवा एकड में)	Milja	
			1	24.00		24.00	31.2	
			2	109.75		109.75	सरक	
			3	70.50		70.50	77.7	
			4	75.00		75.00	7774	
1	-		63p	20,41		20.41	उरस	
1.8	धरियातु	155	232p	126.12		126.12	21.75	
			1686	67,50		67.50	艺术是	-
			21		0.09	0,09	जंगल-इन्ड	
			50	-	0.49	0.49	ক্রমন-মঞ্	
			Total	493.28	0.58	493.86		Ī

जिला कल्याण पदाधिकारी, हजारीबाग द्वारा समिति को अवगत कराया गया कि अंबल अधिकारी, केरेडारी से प्राप्त प्रतिवेदन के अनुसार उक्त खाता प्लॉट की जमीन पर कतिपय रैयतों द्वारा किये गये दावों और उससे संबंधित पंजी—II में चल रही जमावंदी को रदद करने हुत बिहार/झारखण्ड मूनि सुधार अधिनियम, 1950 की धारा 4(h) के तहत संदेहास्पद/अवैध जमावंदी वाद सं० 2, 3, 4, 5, 6/24—25 के द्वारा मुनि सुधार उपसमाहत्तां, सदर, हजारीबाग को भेज दी गयी है।

समिति द्वारा संयंधित कागजातों की आँचोपरांत उपरोक्त विवरणी के अनुसार अधिसूचित वन भुनि— 493.28 ए० एवं गैर मजरूआ जंगल—झाडी मुमि— 0.58 ए० कुल— 493.86 ए० भूनि का वन अधिकार अधिनियम, 2008 के तहत प्रमाण पत्र निर्गत किये जाने हेतु सर्वसम्मिति से निर्णय लिया गया। समिति द्वारा यह भी निर्णय लिया गया कि संदेहास्पद / अवैध जमांवदी रदद के संवंध में अंतिम निर्णय से यह प्रभावित होगा।

प्रस्ताव 3: - अनुमण्डल स्तरीय बनाधिकार समिति, सदर (ज्ञापांक- 1383 दिनांक- 13.07.2024) सं अनुनादित करेंडारी अंचल के मीजा- जबरा में पकरी बरबाडीह कोल ब्लॉक के नार्थ वेस्ट परियोजना (PB-NW Block) अन्तर्गत पड़ने वाले वन भूमि एवं जंगल झाड़ी भूमि का अपयोजन से संबंधित समिति के समक्ष रखा

क्र	ग्राम/थाना सं0	खाता सं0	प्लॉट सं0	अधिसूचित यन भूमि (रक्तवा एकड)	गैर0 खास, जंगल-झाडी भूमि (एकड में)	कुल अधिसूचित वन तथा गैराज्ञास, जंगल भूमि (रकवा एकड में)	अन्युविर
-			02	9.10	-	9.10	जमल
1	जबरा	5	Total	9.10	-	9.10	

जिला कल्याण पदाधिकारी, हजारीवाग द्वारा समिति को अवगत कराया गया कि अंचल अधिकारी, केरेडारी से प्राप्त प्रतिवेदन के अनुसार जक्त खाता प्लॉट की जमीन पर कितियय रैयतों द्वारा किये गये दावों और उससे संवंधित पंजी-॥ में चल रही जमापंदी को रदद करने हुत विहार आरखण्ड भूमि सुधार अधिनियम, 1950 की धारा 4(h) के तहत संदेहास्पद/अवैध जमापंदी वाद स० 09/24-25, 10/24-25 के द्वारा मुमि सुधार उपसमाहर्सा, सदर, हजारीवाग को भेज दी गयी है।



समिति द्वारा समिति कामजाती की जीचीपरांत उपराज्य विवरणी क अनुसार वन अधिकार अधिनियम, 2006 के तहत कुल 9 to एक अधिसूचित वन भूमि का धमाण एक निर्मात किये जाने डेलु सर्वसम्मति से निर्णय लिया गया। समिति द्वारा यह भी निर्णय लिया गया कि सर्वहास्पद / अवैच अमावदी रदंद के सन्तर में अतिम निर्णय से यह प्रभावित होगा।

राजन्यवाद ज्ञापन के साथ बैठक की कार्यवाही समाप्त की गई।

विश्वीकार आशिताम ।

सबर हजारीबाग (

वस प्रमण्डल पदाविकारी परिवर्गी वन प्रमण्डल हजारीयाम् ।

जापाक 977 / व्यक एजारीचाम दिनाक 29/7//2024

पतितिपि -पतिलिपि - सभी संवधित को सूचनार्थ एवं आवश्यक कार्रवाई हतु प्रेपित।

सरकार के सक्रिय अनुसृक्षित जनजाति, अनुसृक्षित जाति, अल्पसंख्यक एवं विछडा वर्ग कल्याण

विभाग आरखण्ड, रीवी का सूचनार्थ प्रविता

आदिवासी कल्याण आयुवत, झारखण्ड, रांची का सूचनार्थ प्रवित्त । प्रतिशिष -

नवीन कुमार / NAVIN KUMAR च्य महाप्रबंधक (पर्योदरण प्रबंधन) / DGM (ENVT. MGMT.) एनटीपीसी सिमिटेड/ NTPC Limited (Returns) COAL MINING PROJECTS हजारीबाग / Hazaribag

दिनांक 15,10.2024 को उपायुक्त, हजारीबाग की अध्यक्षता में आयोजित जिला स्तरीय वनाधिकार समिति की बैठक की कार्यवाही:--

उपस्थिति:- पंजी के अनुसार।

कार्यवाही

सर्वप्रथम जिला कल्याण पदाधिकारी, हजारीबाग द्वारा सभी उपस्थित सदस्यों का स्वागत किया गया। तत्पश्चात उपायुक्त—सङ-अध्यक्ष की अनुमित से जिला कल्याण पदाधिकारी, हजारीबाग के द्वारा वन अधिकार अधिनियम, 2006 के तहत दिनांक 10.00.2024 को जिला स्तरीय वनाधिकार समिति की आयोजित बैठक में लिये गये निर्णय के आलोक में अनुमण्डल स्तरीय वनाधिकार समिति, सद्दर, हजारीबाग से अनुमोदिन पकरी बरवाहीह कोल ब्लॉक के नार्थ वेस्ट परियोजना (PB-NW Block) अन्तर्गत ग्राम— बर्लाग्या, नावाहीह एवं सिरमा में पड़ने वाले वन भूमि एवं जंगल झाड़ी भूमि का वन अधिकार अधिनियम, 2006 के तहत अनार्थन निर्गत करने से संबंधित प्रस्ताव समिति के समक्ष उपस्थापित किया गया, जिन पर समिति द्वारा निम्न निर्णय लिया गया:—

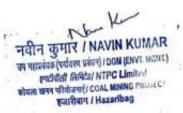
प्रस्ताव 1 :- अनुमण्डल स्तरीय वनाधिकार समिति, सदर, हजारीबाग (ज्ञापांक- 1712 दिनांक- 20.09.2024) म अनुमोदित केरेखारी अंचल के मौजा- बसरिया में पकरी बरवाडीह कोल ब्लॉक के नार्थ वेस्ट परियोजना (PB-NW Block) में पड़ने वाले वन भूमि एवं जंगल झाड़ी भूमि का अपयोजन से संबंधित प्रस्ताव समिति के समक्ष रखा गया। जिसके भूमि की विवरणी निम्नवत् है:-

260	ग्राम/ थाना सं0	खाता सं०		अधिसूचित यन भूमि (रकवा एकड)	गैरा) खास, जंगल-झाढ़ी मूमि (एकड में)	कुल अधिस्थित यन सथा गैरा) खास जंगल भूमि (रकवा एकड़ में)	अम्युक्ति
1		- 5	27	24.00		24.00	
2	बसरिया —	5	32	26.75		26.75	-
3		5	34	31.75		The Parket State of the Pa	
4		5	2		-	31.75	
-				-		1.07	1.07
5		5	10		1.33	1.33	
6		5	12		1.42	1.42	-
		Tota	1	82.50			
-		1012		84.50	3.82	86.32	

समिति द्वारा संबंधित कागजातों की का जाँच किया गया। उक्त प्रस्ताव अन्तर्गत पड़ने वाले क्षेत्र में गंड्रा जाति के व्यक्तियों द्वारा आवेदित व्यक्तिगत दावों पर निर्णय लेने के संबंध में उपायुक्त, हजारीबाग के पत्रांक 860 दिनांक 13.07.2024 के आलोक में कल्याण विभाग द्वारा दिशा निर्देश प्राप्त होने की प्रत्याशा में तथा NTPC Limited के पत्रांक NTPC/PB-NW/2024/269 दिनांक 19.07.2024 द्वारा समर्पित Undertaking के आलोक में उक्त प्रस्ताव को पारित करते हुये वन अधिकार अधिनियम, 2006 के तहत अधिसूचित वन भूमि-82.50 ए० एवं गैर मजक्तआ जंगल-झाड़ी भूमि- 3.82 ए० कुल- 86.32 ए० भूमि का FRA प्रमाण पत्र निर्गत किये जाने हेतु सर्वसम्मित से निर्णय लिया गया। समिति द्वारा यह भी निर्णय लिया गया कि कल्याण विभाग से गंड्रा जाति के संबंध में जो भी मार्ग-निर्देश प्राप्त होगा उसका अनुपालन पकरी बरवाडीह कोल ब्लॉक के NTPC नार्थ वेस्ट परियोजना (PB-NW Block) के द्वारा किया जायेगा।

प्रस्ताव 2 :- अनुमण्डल स्तरीय यनाधिकार समिति, सदर (ज्ञापांक- 1712 दिनांक- 20.09.2024) से अनुमोदित केरेडारी अंचल के मौजा- नावाडीह में पकरी बरवाडीह कोल ब्लॉक के नार्थ वेस्ट परियोजना (PB-

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NW Block) अन्तर्गत पडने वाले वन भूमि एवं जंगल डाइडी भूमि का अपयौजन से संबंधित समिति के समझ

aro	ग्रम विवरण		प्लॉट रांत	अधिस्थित वन भूमि (स्तन्त एकत)	गैश्व खास, जंगल-झाड़ी भूगि (एकड मैं)	कुल अभिशृधित यन तथा गैराखास. भंगल भृगि (रक्तमा एकड गें)	अन्युपित
			162p	3,27		3.27	
				0.15		0.15	1155-11
			276p	3,81	1	3.81	
			390p 422	21.00	840	21.00	
			505	33.50	1	33.50	
				1,1,1,11	0.80	0.80	
1	Lincola Del	3	152p		3,54	3.54	
		1	174p		0.39	0.39	
		-	187p		2.14	2.14	
		1 -	207		0.73	0.73	
		1	218p		0.06	0.06	
		1 -	237p		1.32	1.32	
		-	316	61.73	8.98	70.71	

समिति द्वारा संबंधित कामजातों की का जाँच किया गया। उक्त प्रस्ताव अन्तर्गत पड़न वाल क्षेत्र में गङ्गू जाति के व्यक्तियों द्वारा आवेदित व्यक्तिगत दावों पर निर्णय लेने के संबंध में उपायुक्त, हजारीबाग के पत्रांक 860 दिनांक 13.07.2024 के आलोक में कल्याण विमाग द्वारा दिशा निर्देश प्राप्त होने की प्रत्याशा न तथा NTPC Limited के पत्रांक NTPC/PB-NW/2024/269 दिनांक 19.07.2024 द्वारा समर्पित Undertaking के आलोक में उक्त प्रस्ताव को पारित करते हुये वन अधिकार अधिनियम, 2006 के तहत अधिसूचित वन मुमि-61.73 ए० एवं गैर मजरूआ जंगल-झाड़ी मुमि- 8.98 ए० कुल- 70.71 ए० भूमि का FRA प्रमाण पत्र निर्गत किये जाने हेतु सर्वसम्मति से निर्णय लिया गया। समिति द्वारा यह भी निर्णय लिया गया कि विमाग से जो भी मार्ग-निर्देश प्राप्त होगा उसका अनुपालन पकरी बरवाडीह कोल ब्लॉक के NTPC नार्थ वेस्ट परियोजना (PB-NW Block) के द्वारा किया जायेगा।

प्रस्ताव 3 :- अनुमण्डल स्तरीय वनाधिकार समिति, सदर (ज्ञापांक- 1712 दिनांक- 20.09.2024) से अनुमोदित केरेडारी अंचल के मौजा- सिरमा में पकरी बरवाडीह कोल ब्लॉक के नार्थ वेस्ट परियोजना (PB-NW Block) अन्तर्गत पड़ने वाले वन भूमि एवं जंगल झाड़ी भूमि का अपयोजन से संबंधित समिति के समझ रखा गया। विवरणी निम्नवर्त् हैं:-

350	शम/धाला संध	vgicii Vio	प्लॉट संठ	वादिसूचित वन भूमि (रक्रवा एकव)	गैरा खास, जंगल-झाडी भूगि (एकड में)	कुल अधिसूचित वन तथा गैराध्वास प्रांगल भूगि (रकता एकड़ मेरे	करूक
			30p	50,80		50.80	
			97p	-	1.01	1.01	
			144		2,68	2.08	
			195		2,47	2,47	
. 1	Server	10	240	-	1.82	1.82	
'	90000	12	245		0.30	0.30	
			247		0.74	0.74	-
			291		001	0.33	
			296		0.41	0.41	
-		Tota		50.80	9.76	60.56	

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नवीन कुमार / NAVIN KUMAR ज महार्यध्वः (पर्यव्हा प्रदेश) / DGN (ENVT. NGNT.) श्यापीयो क्षित्रेष्टा / NTPC Limited कोयका स्थल परिवोजनग्रं / COAL MINING PROJECTS हजारीयान / Hazaribag समिति द्वारा संबंधित कागजातों की का जाँच किया गया। उक्त प्रस्ताव अन्तर्गत पड़ने वाले क्षेत्र में गंड्यू जाित के व्यक्तियों द्वारा आवेदित व्यक्तिगत दावों पर निर्णय लेने के संबंध में उपायुक्त, हजारीबाग के पत्रांक 860 दिनांक 13.07.2024 के आलोक में कल्याण विभाग द्वारा दिशा निर्देश प्राप्त होने की प्रत्याशा में तथा NTPC Limited के पत्रांक NTPC/PI3-NW/2024/269 दिनांक 19.07.2024 द्वारा सगर्पित Undertaking के आलोक में उक्त प्रस्ताव को भारित करते हुये बन अधिकार अधिनियम, 2006 के तहत अधिसृबित वन भूमि— 50.80 ए० एवं गैर मजरूआ जंगल—झाटी भूमि— 9.76 ए० कुल - 80.56 ए० भूमि का FRA प्रमाण पत्र निर्मत किये जाने हेतू सर्वराम्मति से निर्णय लिया गया। समिति द्वारा यह भी निर्णय लिया गया कि विभाग म जो भी मार्ग-निर्देश प्राप्त होगा उसका अनुपालन पकरी बरबाडीह कोल ब्लॉक के NTPC नार्थ केंद्र, परियाजना (PS-NW Block) के द्वारा किया जायेगा।

सधन्यवाद ज्ञापन के साथ बैठक की कार्यवाही समाप्त की गई।

जिला कल्याण पदाधिकारी जिला कल्याण पदाधिकारी

प्रतिलिपि:-

अनुमण्डल पदाधिकारी सदर, हजारीबाग।

वन प्रमण्डल पदाधिकारी पश्चिमी वन प्रमण्डल हजारीबाग। उपायुक्त हजारीबाग।

ज्ञापांक 1557 /कः हजारीबाग, दिनांक 15/10 /2024

प्रतिलिपि:- सभी संबंधित को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

सरकार के सचिव, अनुसूचित जनजाति, अनुसूचित जाति, अल्पसंख्यक एवं पिछडा वर्ग कल्याण

विभाग, झारखण्ड, राँची को सूचनार्थ प्रेषित।

प्रतिलिपि:- आदिवासी कल्याण आयुक्त, झारखण्ड, राँची को सूचनार्थ प्रेषित।

उपायुक्त, हजारीबाग।

नवीन कुमार / NAVIN KUMAR का महाप्रदेश (प्रधाना प्रकार मान्य (स्थार MONE) स्थापानी विकास प्रधान प्रकार मान्य कोवल करन परिवार करने Ref. No. NTPC/PB-NW/2024/ 300

Date: 19.10.2024

UNDERTAKING

(Payment of additional NPV)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that

"Additional NPV, if so determined, as per the final decision of Hon'ble Supreme Court of India shall be paid."

For NTPC Ltd.

MAUN PRAKASH

Divisional Forest Officer West Division, Hazaribag [Navin kumar]

Dy. GM (Envt. Mgmt.) PB & PB-NW CMP

NTPC Ltd.- Hazaribag

नवीन कुमार / NAVIN KUMAR

का महाज्ञेक (पर्वत्त्व प्रदेश) / DOM (ENVI MONT) प्राथिती सीमेटेश NTPC Limited क्षेत्रस काम प्रतिकेशकां / COAL MONG PROJECTS प्रसादिता / Hazariban Ref. No. NTPC/PB-NW/2024/30/

UNDERTAKING

(explore the possibility of translocation of maximum number of trees)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that

"The possibility of relocation of the trees shall also be explored."

For NTPC Ltd.

Date: 19.10.2024

Divisional Forest Officer

Divisional Forest Officer

[Navin kumar]
Dy. GM (Envt. Mgmt.)
PB & PB-NW CMP
NTPC Ltd.- Hazaribag

नवीन कुमार / NAVIN KUMAR क महाकंक (मर्वरल प्रथम) / DOM हार्स्य छवाई) इन्हर्जेकी सन्देश NTPC Limited क्षेत्रल खन्म प्रविक्रम(/ COAL MINUS PROJECTS हार्सिंग / Hazaribag

UNDERTAKING

(Trees should be felled in phased manner)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that "Trees should be felled in phased manner as per the requirement in the approved Mining Plan with prior permission of concerned DFO."

For NTPC Ltd.

MAUN PRAKASH

Divisional Forest Officer West Division, Hazaribag [Navin kumar]
Dy. GM (Envt. Mgmt.)
PB & PB-NW CMP
NTPC Ltd.- Hazaribag

नवीन कुमार / NAVIN KUMAR का मार्ट्सक (पर्वतार प्रवेश) / DOM (ENVI MONE) मध्येषित विशेष्ट्र / ATPC Limbed क्षेत्रमा कार प्रवेशकार / COAL MONE PROJECTS प्रवासिक / Nazarthan

Ref. No. NTPC/PB-NW/2024/303

UNDERTAKING

(NTPC shall undertake mining in phased manner)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that

"Mining will be done as per the approved Mining plan. Mine closure plan has been prepared and duly approved by the Ministry of Coal. The reclamation of the mined-out area shall be done as per the approved mine closure plan. The annual report on implementation will be submitted to the Nodal Officer and Regional office, MoEF&CC"

For NTPC Ltd.

[Navin kumar]
Dy. GM (Envt. Mgmt.)
PB & PB-NW CMP
NTPC Ltd.- Hazaribag,

नवीन कुमार / NAVIN KUMAR एप महासंबद्ध (पर्वावस्य प्रवंधन) / DGM (ENVT. MGMT.) श्निटीपीली लिमिटेड/ MTPC Limited कोवला समय परिकेशनाएं / COAL MINING PROJECTS इक्कारीबान / Hazaribag

Ref. No. NTPC/PB-NW/2024/ 304

UNDERTAKING

(Re-grassing the mining area and any other areas which may have been disturbed due to mining)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that,

"The NTPC shall comply with the Hon'ble Supreme Court order on re- grassing, and re-grass the mining area and any other areas which may have been disturbed due to mining to restore them to a condition which is fit for growth of fodder, flora, fauna, etc. in a timely manner."

For NTPC Ltd.

[Navin kumar]
Dy. GM (Envt. Mgmt.)

PB & PB-NW CMP

NTPC Ltd.- Hazaribag नवीन कुमार / NAVIN KUMAR एव महामानेक (पर्यावरण प्रसंघन) / DGM (ENVT. MGMT.) हम्हीनी निमिटेश NTPC Limited

कोबला खनन परियोजनाएं/ COAL MINING PROJECTS हजारीबाय / Hazaribag

Ref. No. NTPC/PB-NW/2024/305

UNDERTAKING

(Period of diversion of forest land)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that

"Period of diversion of the said forest land under this approval shall be for a period co-terminus with the period of the mining lease proposed to be granted under the Mines and Minerals (Development and Regulation) Act, 1957, as amended and the Rules framed thereunder."

For NTPC Ltd.

[Navin kumar]
Dy. GM (Envt. Mgmt.)
PB & PB-NW CMP
NTPC Ltd.- Hazaribag
नवीन कुमार / NAVIN KUMAR
अ महाव्यंचक (पर्यावन प्रांचन) / DGM (ENVT. MGMT.)
हम्योवी किनिटेश NTPC Limited
जीवन चारियोजनाएं / COAL MINING PROJECTS
हजारीवान / Hazaribag

Single-Window Hub,

Environmental

Virtuous

and



Government of India Ministry of Environment, Forest and Climate Change (Issued by the State Environment Impact Assessment Authority(SEIAA), JHARKHAND)

To.

The Additional General Manager NTPC LIMITED SITE OFFICE SIKRI, BARKAGAON, HAZARIBAGH JHARKHAND -825311 -825311

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/JH/CMIN/426263/2023 dated 11 Sep 2023. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No. EC23B001JH128665 2. File No. SEIAA/2023-24/2916/2023 3. **Project Type** New

4. Category B

Project/Activity including 5. 1(a) Mining of minerals Schedule No.

6. Name of Project North West Quarry of Pakri Barwadih opencast Coal Mine Project NTPC LIMITED 7. Name of Company/Organization

8. Location of Project **JHARKHAND** 9.

TOR Date N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

(e-signed) Ashok Kumar, IFS Date: 11/10/2023 Member Secretary SEIAA - (JHARKHAND)



Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH.Please quote identification number in all future correspondence.

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State Level Environment Impact Assessment Authority, Jharkhand

Nursery Complex, Near Dhurwa Bus Stand, P.O+P.S-Dhurwa, Ranchi, Jharkhand-834004 E-mail: msseiaa.jhk@gmail.com/chr-seiaajhr@gov.in website: www.jseiaa.org

Letter No : EC/SEIAA/2023-24/2916/2023/ 309

Ranchi, Date: 06/10/2023

To: Head of Project,

Pakri Barwadih North West Coal Mining Project,

Sikri Site Office, Barkagaon,

Hazaribagh - 825311, (Jharkhand).

Sub: Environmental Clearance for the project "North-West Quarry of Pakri Barwadih Opencast Coal Mine of M/s NTPC Limited at Village: Bariatu, Basaria, Beltu, Jabra, Kandaber, Nawadih, Sirma & Urub, Tehsil: Keredari and Barkagaon, Distt.: Hazaribagh, Jharkhand (485.159 Ha)", (Proposal No.: SIA/JH/CMIN/426263/2023) - regarding.

Ref: Your application no.- NTPC/PB-NW/2023/166, dated - 11.09.2023.

Sir,

It is in reference to the project "North-West Quarry of Pakri Barwadih Opencast Coal Mine of M/s NTPC Limited at Village: Bariatu, Basaria, Beltu, Jabra, Kandaber, Nawadih, Sirma & Urub, Tehsil: Keredari and Barkagaon, Distt.: Hazaribagh, Jharkhand (485.159 Ha)" submitted by you for seeking prior Environmental Clearances (EC).

This is a new (Greenfield) project which has been taken for appraisal on 20.09.2023.

North-West (NW) Quarry of Pakri Barwadih Opencast Coal Mine Project of NTPC Ltd. is a Greenfield project with a targeted coal production of 3.0 MTPA within the lease area of 485.159 Ha in Bariatu, Basaria, Beltu, Jabra, Kandaber, Nawadih, Sirma and Urub Villages of Keredari and Barkagaon Tehsil in Hazaribagh District of Jharkhand State.

Considering that this is a coal mining project with a lease area of 485.159 Ha, as per MoEF&CC notification S.O.1866(E) dated 20.04.2022, it is classified under Category B which necessitates environmental clearance from SEIAA, Jharkhand.

This quarry is a part of the Pakri Barwadih Coal Mine Block of NTPC Ltd. which comprises three distinct quarries namely, Pakri Barwadih West (PB-West), Pakri Barwadih East (PB-East) and the subject project. The entire Pakri Barwadih Coal Block is designed to produce 18 MTPA of coal (15 MTPA from PB-West & PB-East + 3 MTPA from PB North west) for captive use at the power plants of NTPC Ltd. located at different parts of country. Mining

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operations at PB-West and PB-East Quarry have already commenced subsequent to obtaining the necessary statutory clearances.

North West Quarry of Pakri Barwadih Coal Mine Project is bound by latitudes 23° 54'13.04" to 23° 55'43.25" North and Longitudes 85° 09' 09.79" to 85° 11' 02.40" East. Out of the total lease area of 485.159Ha, private tenancy is 113.557Ha, Government Land is 19.713 Ha and balance 351.89Ha is forest land. 20.692Ha of forest land was already transferred to NTPC vide MoEF&CC letter dated 17.09.2010. For the balance 331.198Ha, Stage-I forest clearance was obtained on 26.05.2023 vide MoEF&CC letter 8-56/2009-FC-(vol). In absence of Khatiyan copy at CO office, DC, Hazaribag has issued land certification for private tenancy and Government land vide letter no. 3070 dt 05.09.2023 in Form-I (as per Jharkhand Govt. circular 4792 dt 04.12.2018)

Topographically the area is rather hilly, rugged and undulating and the elevation varies from 430m to 460m above MSL. The two sides are defined by Khora Nala west and Khora nala east on the western and eastern side respectively, which discharges its load in Lathorwa Nala which in-turn joins Haharo Nadi. Besides these there are many small streams & streamlets, which discharge their load into this nala. All the nalas of the block are seasonal and become dry during summers.

Khora Nala West enters the mining lease from North Western boundary and flows towards West Central boundary of the mining lease. It traverses path of 1.65 Kms inside the mining lease boundary. The other seasonal nala locally termed as Khora nala east is passing on the eastern side of lease. As per the approved mining plan, for Khora Nala West it is proposed for a realignment around the mine boundary in the NW corner which is to be carried out in the initial phase of mining. As far as Khora nala east is concerned, it is passing in between the PB-W and PB NW block and about 33.18 Mil.T of coal is available as barrier and batter coal between both. No diversion of Khora nala east will be carried out in the initial phase of mining, though it is proposed to mine 33.18 Mil.T of coal in the batter and barrier from year 41 to 52. A detailed study in this regard will be conducted later at an appropriate time and ensured undisturbed water flow for the downstream users.

Barkagaon R.F is located 6.5Km from the lease area. There are no sanctuaries within 10.0 km from the mine lease boundary. Hazaribagh wildlife sanctuary is located about 16.2 kms from the lease. As per the Eco-sensitive zone as per Final Notification S.O 2775(E) dated 01.08.2019 of MOEF & CC. The ESZ is located at a distance of 9.6 km form the lease area. As such NBWL clearance is not applicable.

The method of mining proposed to be adopted to extract coal and OB in PBNW Opencast mine will be proven mechanized opencast method of mining with conventional shovel — Dumper combination technology. There are total 10 nos. of coal seams, 5 each coal bearing horizons belonging to Barakar & Karharbari formation respectively. In ascending order these are seam K-1,K-2,K-3,K-4,K-5 in Karharbari Formation and Local(L), I, II, IV & V in Barakar Formation. Seam I splits into 3 sections viz. I Top, I Middle & I Bottom. At places Seam I Bottom and I Middle combined and form single seam namely I Bottom + Middle. Similarly, Seam II also splits into 3 sections viz. II Top, II Middle and II Bottom. Seam II Top and II—

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Middle coalesce to form single seam as II Top + II Middle in eastern part. Seam V & IV occur as a combined seam. In the approved Mining Plan, the entire property is envisaged to be mined by opencast method from the view of conservation of coal. The North West quarry is divided in to 2 pits namely Pit-1 & Pit - 2.

Total geological coal reserve of PB NW Quarry as per GR is estimated to be about 137.584 Million Tonnes. It is estimated that 105.78 Million Tonnes of mineable coal would be available against overburden of 348.24 Mm3 within the mine boundaries. Additional reserves of barrier 33.18 Million Tonnes can be mined by removal of batter. The total extractable reserves including the reserves blocked in the common boundary of PB-W and PB-NW is 138.96 Million Tonnes. The average stripping ratio works out to 3.15 m3/T.

Out of 438.24 Mil.m3 of waste to be generated, 74.25 Mil.m3 will be stored in temporary external dump (Out of which 9.13 Mil.m3 will remain as embankment and the remaining will be rehandled in the later stage) and the remaining will be simultaneously back filled. As such there will be no external dump.

Power requirement for the mine is estimated as 8.5 MVA which shall be sourced from JUSNL (Jharkhand Urja Sanchar Nigam Ltd.) Patratu at 220 KV, at Main receiving Substation of 220/33/11 KV at Pakri Barwadih. Study is under process for installation of solar panels at Overburden Dump of Pakri Barwadih West mine having a potential of generating around 13 MW solar power. Feasibility shall also be explored for installation of rooftop solar panels on office building to reduce the power requirement. Total project cost is 91232 Lakh.

The Peak water requirement for PB North west quarry is estimated as 745.5 m3/day. Potable water requirement will be met from borewell. Industrial, water sprinkling and greenbelt and plantation water requirements will be met from mine sump water and treated ETP/STP water. Additional mine sump water will be discharged to Khora Nala for gainful use.

Purpose	Total Water Requirement (KLD)		Balance water Requirement (KLD)	Remarks	
Water Sprinkling / Dust Suppression	500.0		500.0	S -10	
Industrial / Mining Use	124.0	96.0	76.0	Treated in ETP	
Greenbelt Development	55.0	90.0	7.0	Treated in STP	
Domestic Use	66.5	***	66.5		
Total	745.5	96.0	649.5	Source: a) Treated Water - 96.0 KLD	





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b) Mine sump water- 533.0 KLD
c) Borewell water - 116,5 KLD
Total - <u>745.5</u> KLD

LAND USE DURING MINING:

Particulars	Area (Ha.)
Excavation Area	440.74
Top Soil Dump	2.00
External Dump	14.45
Road diversion	1.24
Safety zone/ Rationalisation area	4.85
Area under nala/river	16.00
Settling pond	1.03
Infrastructure area	4.85
Total	485.16

POST MINING LAND USE:

71			Land	Use (Post Cl	se (Post Closure)			
Туре	Land Use (End of Life)	Plantation	Water body	Public/ Company Use	Forest Land (Returned)	Total		
Backfilled mine Area	335.43	<u> </u>		MIX.	335.43	335.43		
Excavated Void	105.31	- 55	105.31	-	-	105.31		
Top Soil Dump	2.00	2.00			## ## ## ## ## ## ## ## ## ## ## ## ##	2.00		
External Dump	14.45	14.45		**		14.45		
Safety zone/ Rationalisation area	4.85	4.85	-	577		4.85		
Road diversion	1.24		:	1.24	(**	1.24		
Area under	16.00		16.00	##J		16.00		

M

4

Total	485.16	26.15	121.31	2.27	335.43	485.16
Infrastructure area	4.85	4.85	-		-	4.85
Settling pond	1.03	(4)		1.03		1.03
nala/river						

Coal Production Plan:

Coal Production plan of Pakri Barwadih North West Coal Mining Project is as given below:

YEAR	Scheduled Coal Production
1	0.5
2	1
3	2
4	3
5	3
6	3
7	3
8	3
9	3
10	3
11	3
12	3
13	3
14	3
15	3
16	3
17	3
18	3
19	3
20	3
21	3
22	3
23	3
24	3
25	3
26	3
27	3
28	3
29	3
30	3

5

1

Mo

31	3	
32	3	
33	3	
34	3	
35	3	
36	3	
37	3	
38	3	
39	3	
40	3	
41	3	
42	3	
43	3	
44	3	
45	3	
46	- 3	
47	3	
48	2	
49	1.46	
Total	138.96	

Geological and Mining Characteristics of PBNW Coal Mining Project:

Geological reserve	137.584 Million tonnes						
Mineable reserve	138.96 Million tonnes including PB-North West and PB-West batter						
Total waste/Overburden	438.24 Million m ³						
	Waste (Mil m3)	Management					
Waste/Overburden	74.25	Stored in temporary external dump					
management	363.99	Simultaneously back filled					
	438.24	Total					
Bench Dimensions	Maximum bench height of 15 m in top OB and 5-15 m in coal a intervening parting. Overall ultimate pit slope of 43°.						
Stripping ratio	1:3.15 T:m3						





Method of Mining	Open cast mechanized mining method					
Production	3.0 MTPA of Coal					
Life of Mine	52 years including 3 years of construction period.					
Method of Mining	Open cast mechanized mining method					

Seam wise thickness details

Sl. No.	Particulars	Minimum	Maximum
1	V COMB	3.24	5.9
2	Parting	3.72	27.16
3	IV COMB	5.15	10.04
4	Parting	0.98	30.55
5	II TOP	6.96	10.61
6	Parting	1.09	5.12
7 .	II MID	7.17	11.68
8	Parting	0	0
9	II T+M	15.97	20.26
10	Parting	1.4	24.22
11	II BOT	2.85	6.3
12	Parting	5.89	15
13	1 TOP	0.42	3.79
14	Parting	0.52	4.51
15	1 MID	1.15	8.73
16	Parting	0.17	4.19
17	IBOT	1.01	4.17
18	Parting	0	0
19	1 M+B	4.7	11.88
20	Parting	16.8	27.68
21	LOCAL	0.06	2.35
22	Parting	16.39	29.67
23	K- 5	0.08	1.32
24	Parting	4.74	12.65
25	K - 4	0.28	1,74
26	Parting	4.4	9.85
27	K - 3	0.45	1.96
28	Parting	8.45	19.58
29	K -2	0.06	2.99
30	Parting	1.95	13.84
31	K - 1	1.19	4.68

MA



Land Details (Plot wise)

Khata No .:-

Thana Name	Barkagaon & Keredari	Thana No.	41, 32, 33, 42, 45, 46, 43, 44
Khata No.	Urub- 15, 8, 7, 12, 28, 16, 10, 13, 14, 18, 19, 20, 21, 25, 49, Beltu- 4, 14, 18, 20, 31, 37, 52, 53, 56, 58, 60, 61, 65, 67, 70, 74, 78, 87, 88, 90, 94, 96, 98, 100, 106, 124, 128, 143, 150, 152, 160, 161, 166, 168, 178, 190, Kandaber- 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 36, 12, 13, 14, 21, 23, 24, 25, 27, 28, 29, 30, 85, 31, 34, 35, 36, 38, 39, 40, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 57, 58, 49, 59, 60, 62, 63, 64, 89, 66, 67, 68, 70, 72, 74, 75, 76, 77, 78, 79, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 92, 93, 95, 97, 98, 99, 100, 112, 51, 54, 110, 111, Bareatu- 21, 42, 69, 106, 133, 138, 143, 144, 145, 154, 131, 135, 62, 39, 61, 60, 1, 95, 124, 16, 41, 85, 95, 124,108, 107, 155, 156, Nawadih- 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 34, 35, 3, Sirma- 2, 3, 7, 4, 5, 6, 8, 9, 10, 11, 12, 13, Jabra- 1, 2, 3, 4, 5, Basaria- 2, 1, 3, 4, 5, 6	Khesra No.	Urub- 2, 3, 4, 5, 6, 7, 8, 96, 640, 648, 649, 650, 654, 657, 670, 638, 646, 653, 659, 664, 667, 669, 671, 636p, 651, 656, 676p, 637, 639, 644, 647, 652, 658, 668, 691p, 662, 643, 660, 663, 690p, 641, 655, 665, 672p, 95, 97, 634p, 642, 645, 728p, 635p, 661, 666, 677p, 689p, Beltu-207, 66, 65, 67, 116, 76, 208, 85, 70, 72p, 102, 103, 108, 109, 121, 124, 199p, 206, 113, 141, 63, 77, 125, 129, 134, 115, 210, 73, 75, 205p, 111, 151p, 64, 122, 126, 78p, 127, 88, 91, 94, 95, 118, 79, 97, 106, 139, 93, 99, 130, 136, 96, 69, 80p, 89, 98, 101, 132, 150p, 114, 133, 142, 107, 137, 140, 86, 215, 71, 110, 212p, 216p, 135, 128, 112, 119, 211, 209, 117, 213, 131, 74, 123, 104, 105, 138, 59, 60p, 68, 90, 92, 100, 120, 267p, 81p, 143p, 198p, 214, 222p, 58p, 62p, 87, 84p, Kandaber- 215, 509, 513, 656, 665, 674, 189, 190, 191, 193, 242, 243, 244, 250, 251, 538, 563, 675, 677, 678, 679, 457, 627, 229, 592, 578, 584, 174, 175, 184, 185, 245, 246, 479, 662, 672, 279p, 145, 458, 438p, 149, 225, 241, 428, 487, 530, 541, 596, 661, 455, 488, 497, 153, 182, 265, 580, 181, 233, 238, 471, 204, 211, 198, 199, 201, 202, 216, 479, 160, 169, 486, 593, 138p, 278p, 621, 178, 213, 247, 249, 499, 521, 523, 557, 598, 628, 649, 441, 537, 210, 252, 474, 475, 515, 177, 214, 239, 248, 443, 490, 498, 508, 519, 522, 558, 560, 597, 650, 460, 612, 615, 668, 206, 573, 581, 582, 583, 585, 646, 647, 653, 659, 236, 259, 430, 481, 638, 643, 651, 156, 234, 270, 619, 671, 440, 575, 260, 227, 254, 476, 589, 611, 253, 256, 235, 472, 173, 205, 514, 607, 237, 637, 506, 510, 520, 533, 535, 542,







547, 550, 553, 562, 569, 654, 660, 224, 586, 572, 624, 194, 231, 500, 501, 502, 507, 157, 195, 574, 639, 658, 141, 218, 208, 459, 605, 482, 635, 667, 203, 465, 666, 186, 432p, 226, 588, 590, 613, 616, 670, 154, 579, 617, 180, 263, 534, 524, 429, 599, 147, 148, 209, 462, 463, 477, 540, 645, 146, 275, 276, 602, 603, 604, 618, 652, 504, 505, 511, 512, 525, 526, 528, 529, 531, 532, 536, 539, 543, 544, 546, 548, 549, 551, 552, 554, 555, 556, 561, 570, 571, 626, 655, 641, 642, 503, 576, 577, 622, 623, 451, 452, 453, 464, 566, 567, 568, 223, 456, 644, 663, 673, 676, 158, 478, 150, 151, 152, 163, 164, 165, 166, 167, 187, 188, 192, 220, 221, 222, 230, 232, 255, 447, 448, 449, 450, 467, 468, 469, 470, 219, 228, 587, 606, 610, 155, 262, 264, 516, 608, 480, 636, 207, 461, 609, 614, 620, 669, 595, 657, 632, 631, 630, 648, 269, 140, 143, 144, 159, 161, 162, 168, 170, 171, 172, 179, 183, 258, 261, 266, 267, 268, 272, 274, 439, 445, 446, 483, 489, 492, 494, 517, 518, 136p, 142p, 273p, 48p, 139, 176, 200, 240, 257, 277, 437p, 442, 454, 466, 473, 484, 485, 564, 565, 629, 633, 664, 680, 197, 271, 431, 444, 493, 527, 545, 212, 375, 559, 625, 634, 640, Bareatu- 1692, 49, 60, 57. 1693, 51, 55, 56, 47, 54, 1690, 19, 53, 22, 30, 32, 35, 37, 41, 61, 62, 5, 6, 7, 11, 12, 13, 14, 15, 16, 17, 18, 20, 23, 24, 25, 26, 27, 28, 31, 33, 34, 36, 38, 39, 42, 43, 44, 45, 46, 48, 52, 58, 1688, 1689, 1691, 8, 9, 10, 29, 40, 59, 1685, 1687, 21, 50, 1, 2, 3, 4, 63p, 232p, 1686, Nawadih- 293, 333, 334, 411, 414, 495, 504, 410, 298, 203p, 230p, 295p, 182, 212, 305, 335, 337, 416, 417, 482, 438p, 350, 412, 415, 432p, 322, 323, 441, 216p, 166, 209, 210, 292, 302, 303, 306, 307, 308, 309, 310, 311, 312, 313, 314, 325, 326, 327, 338, 451, 452, 453, 454, 455, 456, 460, 461, 462, 463, 464, 465, 483, 490, 491, 499, 500, 167p, 339p, 428p, 436p, 437p, 353, 429p, 496, 213p, 183, 185, 186p, 234p, 204, 296, 297, 299, 301, 304, 439p, 442, 445, 467, 472, 484,





493, 498, 231, 347, 348, 421, 476, 477, 480, 503, 184, 205, 300, 324, 466, 440p, 502, 206, 317, 319, 330, 331, 332, 494, 434p, 336, 341, 342, 345, 346, 349, 413, 418, 501, 340p, 356p, 433p, 315, 320, 321, 459, 468, 471, 473, 475, 492, 497, 435p, 294p, 344, 407, 420, 479, 405p, 409p, 448, 470, 359p, 180, 181, 318, 478, 211, 179p, 235p, 352, 419, 233p, 444, 469, 474, 354, 449, 486, 487, 488, 489, 431p. 291, 351, 447, 485, 290p, 430p, 446, 164p, 165, 208, 329, 406, 443, 457, 481, 229p, 280p, 355p, 458, 408p, 328, 343, 450p, 152p, 174p, 187p, 207, 218p, 237p, 316, 276p, 399p, 422, 505, 162p, Sirma-149, 169, 198, 202, 237, 241, 263, 264, 274, 284, 103p, 64p, 28, 29, 31, 69, 70, 72, 108, 116, 121, 124, 127, 129, 132, 136, 140, 142, 160, 162, 163, 171, 177, 181, 183, 184, 188, 192, 205, 211, 214, 220, 239, 253, 268, 277, 286, 289, 68p, 109, 112, 170, 178, 182, 197, 204, 236, 238, 252, 107p, 63p, 81p, 150, 199, 230, 231, 290, 114, 122, 123, 130, 131, 139, 141, 143, 152, 157, 161, 168, 172, 175, 186, 191, 213, 217, 219, 223, 227, 228, 229, 232, 254, 257, 265, 266, 273, 275, 282, 288, 295, 33p, 73p, 98, 100, 115, 120, 134, 137, 147, 167, 173, 174, 179, 187, 190, 201, 207, 209, 210, 215, 221, 222, 226, 249, 255, 283, 287, 293, 101p, 32p, 83p, 74, 102, 118, 126, 128, 135, 145, 151, 165, 166, 180, 193, 196, 203, 206, 208, 233, 234, 246, 258, 261, 262, 267, 279, 285, 294, 67p, 110, 113, 117, 119, 133, 146, 155, 158, 248, 256, 259, 269, 270, 271, 281, 164, 176, 260, 276, 71, 99, 111, 125, 138, 148, 153, 154, 156, 159, 185, 189, 194, 200, 212, 216, 224, 235, 242, 243, 244, 251, 278, 280, 292, 218, 225, 250, 272, 97p, 144, 195, 240, 245, 247, 291, 296, 30p, Jabra- 5, 10, 13, 16, 19, 22, 28, 33, 37, 40, 44, 47, 54, 57, 59, 71, 73, 76, 77, 83, 89, 93, 96, 38, 68, 4, 7, 9, 12, 18, 21, 26, 29, 34, 35, 39, 41, 43, 46, 52, 55, 58, 61, 63, 67, 69, 72, 75, 79, 81, 84, 86, 90, 92, 94, 97, 3, 8, 11, 14, 15, 17, 20, 23, 25, 27, 30, 36, 45, 53, 56, 60, 62,





64, 65, 66, 70, 74, 78, 80, 82, 85, 88, 91, 95, 48, 50, 1, 6, 24, 31, 32, 42, 49, 51, 87, 2, **Basaria**-17, 18, 22, 23, 24, 25, 28, 31, 33, 36, 1, 3, 4, 6, 8, 9, 11, 13, 14, 15, 35, 37, 19, 20, 30, 5, 7, 21, 26, 29, 16, 2, 10, 12, 27, 32, 34

			pe wise La est Mine	nd details	of Pakri	Barwadih	North	
SI.No.	Land Type	Total Area (Ha)	Village	Khata	Plot	Area of Plot (Acre)	Area of Plot (Ha.)	Remarks
		Te	nancy Lanc					Net la
1	Tenancy	113.557		4	207	0.15	0.061	Certification has been taken
2	- 1			14	66	0.11	0.045	for this area from DC,
3				14	65	0.06	0.024	Hazaribagh (as per
4				14	67	0.07	0.028	Jharkhand Govt. circular
5				14	116	0.06	0.024	4792 dt 04.12.2018) vide
6	-			14	76	0.15	0.061	letter no. 3070 dt 05.09.2023
7				14	208	0.06	0.024	
8				18	85	0.48	0.194	
9				20	70	0.13	0.053	1
10				20	72p	0.23	0.093	
11				31	102	0.84	0.340	1
12				37	103	0.24	0.097	1
13				37	108	0.17	0.069	
14				37	109	0.08	0.032	
15				52	121	0.49	0.198	
16			52	124	0.38	0.154	1	
17				53	199p	0.02	0.008	1
18				53	206	0.05	0.020	
19				56	113	0.38	0.154	
20				56	141	0.10	0.040	
21				58	63	0.20	0.081	
22				58	77	0.10	0.040	1
23				58	125	0.25	0.101	
24		- 1		60	129	0.07	0.028	
25		- 1		60	134	0.05	0.020	
26				61	115	0.09	0.036	
27				61	210	0.14	0.057	
28				65	73	0.07	0.028	
29				67	75	0.05	0.020	
30				70	205p	0.01	0.004	
31				74	111	0.03	0.012	
32				74	151p	0.04	0.016	
33				78	64	0.13	0.053	





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36	1
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78	122	0.22	0.089
78	126	0.25	0.101
78	78p	0.06	0.024
78	127	0.53	0.214
87	88	0.23	0.093
87	91	0.20	0.081
87	94	0.06	0.024
87	95	0.03	0.012
87	118	0.13	0.053
87	79	0.15	0.061
87	97	0.05	0.020
88	106	0.14	0.057
88	139	0.13	0.053
90	93	0.26	0.105
90	99	0.18	0.073
90	130	0.24	0.097
90	136	0.19	0.077
90	96	0.04	0.016
94	69	0.37	0.150
94	80p	0.21	0.085
94	89	0.24	0.097
94	98	0.33	0.134
94	101	0.16	0.065
94	132	0.13	0.053
96	150p	0.10	0.040
98	114	0.32	0.130
98	133	0.32	0.130
98	142	0.11	0.045
100	107	0.14	0.057
100	137	0.02	0.008
100	140	0.14	0.057
106	86	0.19	0.077
106	215	0.16	0,065
124	71	0.16	0.065
128	110	0.10	0.040
128	212p	0.07	0.028

Beltu

12

BAS

West Mine Area of Area of									
SI L. No.	and Type	Total Area (Ha)	Village	Khata	Plot	Plot (Acre)	Plot (Ha.)	Remarks	
0				128	216p	0.08	0.032		
				143	135	0.08	0.032		
				143	128	0.04	0.016		
3				150	112	0.03	0.012		
				150	119	0.05	0.020		
				150	211	0.19	0.077		
				152	209	0.07	0.028		
				152	117	0.03	0.012		
				160	213	0.19	0.077		
				161	131	0.26	0.105		
				166	74	0.08	0.032		
				168	123	0.24	0.097		
				178	104	0.08	0.032		
				178	105	0.07	0.028		
				178	138	0.20	0.081		
				21	1692	0.42	0.170		
				42	49	0.13	0.053		
				42	60	0.25	0.101		
				69	57	0.22	0.089		
				106	1693	1.69	0.684		
				133	51	0.04	0.016		
		1		133	55	0.04	0.016		
				133	56	0.15	0.061		
				138	47	0.52	0.210		
)				138	54	0.02	0.008		
				143	1690	0.72	0.291		
_				144	19	0.62	0.251		
				145	53	0.07	0.028		
				154	22	2.17	0.878		
				154	30	0.02	0.008		
				154	32	0.04	0.016		
				154	35	0.16	0.065		
				154	37	0.23	0.093		
				154	41	0.51	0.206		
						0.84	0.340		
				154	61		0.210		
				154	62	0.52	0.036		
				131	5	0.09			
				131	6	0.42	0.170		
-				131	7	1.68	0.680		
				131	- 11	0.15	0.061		
				135	12	0.20	180.0		

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Ex-

Bariyatu Bariyatu 62	27		131	13	1.13	0.457
Bariyatu 39	28		131	14	0.40	0.162
10	29		62	15	0.28	0.113
60 18 0.24 0.097 1 20 1.08 0.437 95 23 0.19 0.077 95 24 0.07 0.028 124 25 0.06 0.024 124 26 0.12 0.049 124 27 0.12 0.049 124 28 0.42 0.170 16 31 0.78 0.316 41 33 0.40 0.162 85 34 0.22 0.089 3 36 0.11 0.045 85 38 0.80 0.324 85 39 0.11 0.045 85 39 0.11 0.045 95 42 0.33 0.134 95 43 0.09 0.036 124 44 0.10 0.040 124 45 0.10 0.040 124 46 0.15 0.061 124 48 1.60 0.648 124 52 0.05 0.020	30	Bariyatu	39	16	0.20	0.081
1 20 1.08 0.437 95 23 0.19 0.077 95 24 0.07 0.028 124 25 0.06 0.024 124 26 0.12 0.049 124 27 0.12 0.049 124 28 0.42 0.170 16 31 0.78 0.316 41 33 0.40 0.162 85 34 0.22 0.089 3 85 36 0.11 0.045 85 38 0.80 0.324 85 39 0.11 0.045 85 39 0.11 0.045 87 39 0.11 0.045 88 0.80 0.324 89 0.11 0.045 124 44 0.10 0.040 124 45 0.10 0.040 124 46 0.15 0.061 124 48 1.60 0.648 124 48 1.60 0.648 124 48 1.60 0.648	31		61	17	0.19	0.077
95 23 0.19 0.077 95 24 0.07 0.028 124 25 0.06 0.024 17 124 26 0.12 0.049 18 124 27 0.12 0.049 19 124 28 0.42 0.170 16 31 0.78 0.316 41 33 0.40 0.162 2 85 34 0.22 0.089 3 85 36 0.11 0.045 4 85 38 0.80 0.324 5 42 0.33 0.134 7 95 42 0.33 0.134 9 124 44 0.10 0.040 124 45 0.10 0.040 124 45 0.10 0.040 124 48 1.60 0.648 124 48 1.60 0.648 124 52 0.05 0.020	32		60	18	0.24	0.097
95 24 0.07 0.028 124 25 0.06 0.024 124 26 0.12 0.049 124 27 0.12 0.049 124 28 0.42 0.170 16 31 0.78 0.316 41 33 0.40 0.162 22 85 34 0.22 0.089 33 85 36 0.11 0.045 45 85 38 0.80 0.324 5 42 0.33 0.134 7 95 42 0.33 0.134 95 43 0.09 0.036 124 44 0.10 0.040 124 45 0.10 0.040 124 46 0.15 0.061 124 48 1.60 0.648 124 52 0.05 0.020	33		1	20	1.08	0.437
124 25 0.06 0.024 17 124 26 0.12 0.049 18 124 27 0.12 0.049 19 124 28 0.42 0.170 16 31 0.78 0.316 41 33 0.40 0.162 2 85 34 0.22 0.089 3 85 36 0.11 0.045 4 85 38 0.80 0.324 5 85 39 0.11 0.045 6 95 42 0.33 0.134 7 95 43 0.09 0.036 8 124 44 0.10 0.040 124 45 0.10 0.040 124 46 0.15 0.061 124 48 1.60 0.648 124 52 0.05 0.020	34		95	23	0.19	0.077
124 26 0.12 0.049 124 27 0.12 0.049 124 28 0.42 0.170 16 31 0.78 0.316 11 33 0.40 0.162 2 85 34 0.22 0.089 3 85 36 0.11 0.045 4 85 38 0.80 0.324 5 85 39 0.11 0.045 6 95 42 0.33 0.134 7 95 43 0.09 0.036 8 9 124 44 0.10 0.040 9 124 45 0.10 0.040 124 46 0.15 0.061 11 124 48 1.60 0.648 124 48 1.60 0.648 124 52 0.05 0.020	35		95	24	0.07	0.028
124 27 0.12 0.049 124 28 0.42 0.170 16 31 0.78 0.316 41 33 0.40 0.162 2 85 34 0.22 0.089 3 85 36 0.11 0.045 4 85 38 0.80 0.324 5 85 39 0.11 0.045 6 95 42 0.33 0.134 7 95 43 0.09 0.036 8 124 44 0.10 0.040 9 124 45 0.10 0.040 1 124 46 0.15 0.061 124 48 1.60 0.648 2 124 52 0.05 0.020	6		124	25	0.06	0.024
124 28 0.42 0.170 16 31 0.78 0.316 41 33 0.40 0.162 22 85 34 0.22 0.089 3 85 36 0.11 0.045 4 85 38 0.80 0.324 5 85 39 0.11 0.045 6 95 42 0.33 0.134 7 95 43 0.09 0.036 8 124 44 0.10 0.040 9 124 45 0.10 0.040 10 124 46 0.15 0.061 124 48 1.60 0.648 2 124 52 0.05 0.020	7		124	26	0.12	0.049
16 31 0.78 0.316 41 33 0.40 0.162 85 34 0.22 0.089 3 85 36 0.11 0.045 85 38 0.80 0.324 85 39 0.11 0.045 85 39 0.11 0.045 95 42 0.33 0.134 7 95 43 0.09 0.036 8 124 44 0.10 0.040 9 124 45 0.10 0.040 10 124 46 0.15 0.061 124 48 1.60 0.648 2 124 52 0.05 0.020	S		124	27	0.12	0.049
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2 85 34 0.22 0.089 3 85 36 0.11 0.045 85 38 0.80 0.324 85 39 0.11 0.045 66 95 42 0.33 0.134 7 95 43 0.09 0.036 8 124 44 0.10 0.040 9 124 45 0.10 0.040 12 46 0.15 0.061 124 48 1.60 0.648 2 124 52 0.05 0.020	0		16	31	0.78	0.316
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85 38 0.80 0.324 85 39 0.11 0.045 95 42 0.33 0.134 95 43 0.09 0.036 8 124 44 0.10 0.040 124 45 0.10 0.040 124 46 0.15 0.061 124 48 1.60 0.648 124 52 0.05 0.020	2		85	34	0.22	0.089
85 39 0.11 0.045 95 42 0.33 0.134 95 43 0.09 0.036 8 124 44 0.10 0.040 9 124 45 0.10 0.040 124 46 0.15 0.061 124 48 1.60 0.648 2 124 52 0.05 0.020	3	100	85	36	0.11	0.045
95 42 0.33 0.134 95 43 0.09 0.036 8 124 44 0.10 0.040 9 124 45 0.10 0.040 124 46 0.15 0.061 124 48 1.60 0.648 124 52 0.05 0.020	4	1000	85	38	0.80	0.324
95 43 0.09 0.036 124 44 0.10 0.040 124 45 0.10 0.040 124 46 0.15 0.061 124 48 1.60 0.648 124 52 0.05 0.020	5	11/1/2	85	39	0.11	0.045
124 44 0.10 0.040 124 45 0.10 0.040 124 46 0.15 0.061 124 48 1.60 0.648 124 52 0.05 0.020	6	//	95	42	0.33	0.134
9 124 45 0.10 0.040 124 46 0.15 0.061 1 124 48 1.60 0.648 2 124 52 0.05 0.020	7	1/6-	95	43	0.09	0.036
124 46 0.15 0.061 124 48 1.60 0.648 124 52 0.05 0.020	8		124	44	0.10	0.040
1 124 48 1.60 0.648 124 52 0.05 0.020	9		124	45	0.10	0.040
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108 58 0.20 0.081	2	748 1 100	124	52	0.05	
	1		108	58	0.20	0.081

SI. No.	Land Type	Total Area (Ha)	Village	Khata	Plot	Area of Plot (Acre)	Area of Plot (Ha.)	Remarks
54				107	1688	0.56	0.227	
55	1			107	1689	0.58	0.235	
56				107	1691	1.08	0.437	
1	1			2	17	0.02	0.008	
2	1			2	18	0.39	0.158	
	1			1	22	0.32	0.130	
1	1			1	23	6.21	2.513	
5	1			2	24	0.40	0.162	
5	1			2	25	2.17	0.878	
1	1 1			1	28	7,26	2.938	
3	1			I	31	2.21	0.894	
)				2	33	2.70	1.093	
0	1			2	36	0.22	0.089	
1				2	1	0.20	0.081	

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	2	3	1.41	0.571
	2	4	0.17	0.069
3asaria	2	6	0.07	0.028
	2	8	0.22	0.089
	2	9	0.82	0.332
	2	11	1.60	0.648
	2	13	1.17	0.473
	2	14	0.07	0.028
	2	15	0.03	0.012
	2	35	0.04	0.016
	2	37	0.53	0.214
	3	19	0.87	0.352
	3	20	0.43	0.174
	4	30	1.23	0.498
	4	293	0.02	0.008
	4	333	0.04	0.016
	4	334	0.56	0.227
	4	411	0.22	0.089
	4	414	0.15	0.061
	4	495	0.20	0.081
	5	504	0.49	0.198
	6	410	0.93	0.376
	7	298	0.06	0.024
	7	203p	0.71	0.287
	7	230p	0.02	0.008
	7	295p	0.06	0.024
	8	182	0.50	0.202
	8	212	0.29	0.117
	8	305	0.03	0.012
	8	335	0.07	0,028
	8	337	0.06	0.024
	8	416	0.39	0.158
	8		0.02	0.008
	7	482	0.28	0.113
	7	438p	0.15	0.061
	9	350	0.11	0.045
	9	412	0.19	0.077
	9	415	0.16	0.065
	9	432p	0.11	0.045
	10	322	0.09	0.036
	10	323	0.03	0.012
			0	
	10	441	0.36	0.146
	10	216p	0.04	0.016
	11	166	0.42	0.170
	1.1	209	0.31	0.125





32	11	210	0.19	0.077
33	11	292	0.04	0.016
34	11	302	0.13	0.053
35	-11	303	0.04	0.016
36	.11	306	0.02	0.008
7	11	307	0.04	0.016
8		308	0.22	0.089
9	-11	309	0.14	0.057
0	11	310	0.12	0.049
1	11	311	0.20	0.081
12	11	312	0.06	0.024

No.	and Type	Total Area (Ha)	Village	Khata	Plot	Area of Plot (Acre)	Area of Plot (Ha.)	Remarks
43			- 765	11	313	0.08	0.032	
44			457	11	314	0.21	0.085	
45			///	11	325	0.05	0.020	
46			100	11	326	0.71	0.287	
47			181	11L	327	0.04	0.016	
48				11	338	0.03	0.012	
49				11	451	0.19	0.077	
50				11	452	0.22	0.089	
51				11	453	0.24	0.097	
52				11	454	0.27	0.109	
53				11	455	0.31	0.125	
54				II	456	0.17	0.069	
5.5				11-	460	0.11	0.045	
6				11	461	0.11	0.045	
57		-		11	462	0.18	0.073	
58				11	463	0.02	0.008	
59	- 1			11	464	0.05	0.020	
50	- 1			11	465	0.02	0.008	
51				11	483	0.27	0.109	
52				11	490	0.20	0.081	
53				11	491	0.19	0.077	
64				11	499	0.10	0.040	
5				11	500	0.18	0.073	
6				11	167p	0.03	0.012	
7				11	339p	0.08	0.032	
8				11	428p	0.01	0.004	
9				11	436p	0.10	0.040	
0				.11	437p	0.12	0.049	

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12	353	0.18	0.073
13	429p	0.26	0.105
14	496	0.16	0.065
14	213p	0.33	0.134
15	183	0.35	0.142
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15	185	0.33	0.134
15	186p	0.59	0.239
15	234p	0.02	0.008
16	204	0.47	0.190
16	296	0.04	0.016
		0	
16	297	0.01	0.004
16	299	0.06	0.024
16	301	0.08	0.032
16	304	0.07	0.028
16	439p	0.08	0.032
1170		0	0.750
16	442	0.64	0.259
16	445	0.19	0.077
16	467	0.04	0.016
16	472	0.29	0.117
16	484	0.26	0.105
16	493	0.17	0.069
16	498	0.10	0.040
17	231	0.13	0.053
17	347	0.02	0.008
17	348	0.19	0.077
17	421	0.20	0.081
17	476	0.02	0.008
17	477	0.15	0.061
17	480	0.09	0.036
17	503	0.24	0.097
18	184	0.11	0.045
18	205	0.54	0.219
18	300	0.07	0.028
18	324	0.26	0.105
18	466	0.02	0.008
18	440p	0.15	0.061
18	502	0.16	0.065
19	206	0.51	0.206
19	317	0.60	0.243
19	319	0.36	0.146
19	330	0.22	0.089
19	331	0.32	0.130

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	Type wise Land details of Pakri Barwadih North West Mine									
SI. No.	Land Type	Total Area (Ha)	Village	Khata	Plot	Area of Plot (Acre)	Area of Plot (Ha.)	Remarks		
113				19	332	0.04	0.016			
114	1			19	494	0.21	0.085			
115	1 1			19	434p	0.28	0.113			
116	1 1			20	336	0.07	0.028			
117	1 1			20	341	0.09	0.036			
118	1			20	342	0.45	0.182			
119	1			20	345	0.21	0.085			
120	1	- 1		20	346	0.03	0.012			
121	1			20	349	0.02	0.008			
122				20	413	0.20	0.081			
123				20	418	0.18	0.073			
124				20	501	0.25	0.101			
125				20	340p	0.01	0.004			
126		1		20	356p	0.02	0.008			
127				20	433p	0.12	0.049			
128				21	315	0.36	0.146			
129				21	320	0.02	0.008			
130				21	321	0.54	0.219			
131				21	459	0.39	0.158			
32				21	468	0.05	0.020			
33		- 4		21	471	0.08	0.032			
34		- 4		21	473	0.32	0.130			
35		1		21	475	0.09	0.036			
36				21	492	0.18	0.073			
37				21	497	0.06	0.024			
38				21	435p	0.25	0.101			
39				22	294p	0.02	0.008			
40				23	344	0.21	0.085			
41				23	407	0.07	0.028			
42				23	420	0.10	0.040			
43				23	479	0.36	0.146			
44				23	405p	0.03	0.012			
45				23	409p	0.14	0.057			
46				24	448	0.11	0.045			
47				24	470	0.17	0.069			
48				24	359p	0.16	0.065			
49				25	180	0.03	0.012			
50				25	181	0.06	0.024			
51				25	318	0.29	0.117			
52				25	478	0.24	0.097			
53				26	211	0.42	0.170			
54				26	179p	0.06	0.024			

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55		26	235p	0.02	0.008
56	3	27	352	0.22	0.089
57		27	419	0.30	0.121
58		28	233p	0.01	0.004
59		29	444	0.22	0.089
60		29	469	0.02	0.008
61		29	474	0.19	0.077
62		30	354	0.23	0.093
63		30	449	0.13	0.053
64		30	486	0.41	0.166
65		30	487	0.20	0.081
66		30	488	0.19	0.077
67		30	489	0.12	0.049
68		30	431p	0.21	0.085
69		31	291	0.05	0.020
70		31	351	0.09	0.036
71		31	447	0.27	0.109
72	1 5/9	31	485	0.05	0.020
73	1000	31	290p	0.03	0.012
74	2/	31	430p	0.20	0.081
75	0.2	32	446	0.42	0.170
76	1/3	32	164p	0.23	0.093
77		32	165	0.66	0.267
	77	2	149	0.38	0.154
		2	169	0.30	0.121
	1 / 1	2	198	0.14	0.057
	15.7%	2	202	0.37	0.150
	0.0	2	237	0.35	0.142

SI. No.	Land Type	Total Area (Ha)	Village	Khata	Plot	Area of Plot (Acre)	Area of Plot (Ha.)	Remarks
6				2	241	1.08	0.437	
7				2	263	0.13	0.053	
8				2	264	0.05	0.020	
9				2	274	0.04	0.016	
10				2	284	0.31	0.125	
11			2	2	103p	0.21	0.085	
12	4.			2	64p	0.03	0.012	
13				3	28	0.93	0.376	
14				3	29	0.07	0.028	
15				3	31	0.04	0.016	
16				3	69	0.04	0.016	
17				3	70	0.06	0.024	



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3	72	0.07	0.028
3	108	0.19	0.077
3	116	0.09	0.036
3	121	0.14	0.057
3.	124	0.11	0.045
3	127	0.04	0.016
3	129	0.42	0.170
3	132	0.04	0.016
7	136	0.07	0.028
3	140	0.08	0.032
3	142	0.17	0.069
3	160	0.09	0.036
3	162	0.85	0.344
3	163	0.40	0.162
3	171	0.25	0.101
3	177	2.15	0.870
,	181	0.80	0.324
	183	0.05	0.020
3	184	0.10	0.040
,	188	0.36	0.146
	192	0.41	0.166
	205	0.16	0.065
	211	0.30	0.121
	214	0.17	0.069
	220	0.10	0.040
	239	0.29	0.117
	253	0.11	0.045
	268	0.36	0.146
	277	0.80	0.324
	286	1.46	0.591
	289	0.14	0.057
	68p	0.26	0.105
	109	0.11	0.045
	112	0.26	0.105
	170	0.44	0.178
	178	0.44	0.032
	182	0.53	0.032
	197	0.20	0.214
	204	0.13	0.053
	236	0.13	0.033
	238	0.03	0.012
	-	3133000	0.121
	252	0.13	100000000000000000000000000000000000000
	107p	0.11	0.045
5	63p	0.01	0.004
	81p	0.01	0.004
	150	0.15	0.061
	199	0.17	0.069

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65	5	230	0.02	0.008
56	5	231	0,25	0.101
57	5	290	0.13	0.053
58	6	114	0.15	0.061
59	6	122	0.08	0.032
70	6	123	0.26	0.105
71	6	130	0.10	0.040
72	6	131	0.62	0.251
73	6	139	0.13	0.053
74	6	141	0.21	0.085
75.	6	143	0.15	0.061

SI. I	and Type	Total Area (Ha)	Village	Khata	Plot	Area of Plot (Acre)	Area of Plot (Ha.)	Remarks
76			04	6	152	0.21	0.085	
77			1	6	157	0.20	0.081	
78			1200	6	161	0.06	0.024	
79			200	6	168	0.33	0.134	
80			1/465	6	172	0.26	0.105	
81			////	6	175	0.57	0.231	
82				6	186	0.38	0.154	
83				6	191	0.38	0.154	
84				6	213	0.17	0.069	
85				6	217	0.64	0.259	
86				6	219	0.09	0.036	
87				6	223	0.14	0.057	
88				6	227	0.04	0.016	
89			Sirma	6	228	0.57	0.231	
90			100	6	229	0.05	0.020	
91			100	6	232	0.28	0.113	
92				6	254	0.29	0.117	
93				6	257	0.20	0.081	
94				6	265	0.08	0.032	
95				6	266	0.17	0.069	
96			1	6	273	0.10	0.040	100
97				2	275	1.06	0.429	
98		sı .		6	282	0.10	0.040	
99				6	288	0.16	0.065	
100			6	295	0.54	0.219		
101				6	33p	0.01	0.004	
102				6	73p	0.08	0.032	
103				7	98	0.27	0.109	
104				7	100	0.20	180,0	
105				7	115	0.09	0.036	
106				7	120	0.72	0.291	

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107	1 1	7	134	0.07	0.028
108		7	137	0.12	0.049
109		7	147	0.28	0.113
110		7	167	0.36	0.146
111		7	173	0.14	0.057
112		7	174	0.43	0.174
13		7	179	0.21	0.085
14		7	187	0.71	0.287
15		7	190	0.24	0.097
6		7	201	0.23	0.093
7		7	207	0.75	0.304
8		7	209	0.05	0.020
9		7	210	0.48	0.194
		7	215	0.09	0.036
		7	221	0.06	0.024
		7	222	0.56	0.227
		7	226	0.13	0.053
-		7	249	0.19	0.077
1		7	255	0.30	0.121
		7	283	0.13	0.053
		7	287	0.14	0.057
	/	7	293	0.43	0.174
	3/	7	101p	0.21	0.085
		7	32p	0.12	0.049
	10.	7	83p	0.10	0.049
		8	74	0.13	0.053
-		8	102	0.04	0.035
		8	118	0.19	0.077
		8	126	0.09	0.036
		8	128	0.47	0.190
		8	135	0.29	0.190
		8	145	0.48	0.117
		-		-	
		8	151	0.28	0.113
-		200		0.20	0.081
		8	166		0.125
		8	180	0.07	0.028
		8	193	0.17	0.069
		8	196	0.48	0.194
		8	203	0.24	0.097

SI. No.	Land Type	Total Area (Ha)	Village	Khata	Plot	Area of Plot (Acre)	Area of Plot (Ha.)	Remarks
146				8	206	0.12	0.049	
147				8	208	0.42	0.170	
148				8	233	0.04	0.016	

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8	234	0.96	0.389
8	246	0.37	0.150
8	258	0.15	0.061
8	261	0.07	0.028
8	262	0.18	0.073
8	267	0.12	0.049
8	279	0.25	0.101
8	285	0.24	0.097
8	294	0.70	0.283
8	67p	0.11	0.045
9	110	0.12	0.049
9	113	0.51	0.206
9	117	0.34	0.138
9	119	0.22	0.089
9	133	0.38	0.154
9	146	0.30	0.121
9	155	0.10	0.040
9	158	0.03	0.012
9	248	0.36	0.146
9	256	0.26	0.105
9	259	0.40	0.162
9	269	0.12	0.049
9	270	0.94	0.380
9	271	0.03	0.012
9	281	0.16	0.065
10	164	0.25	0.101
10	176	0.03	0.012
11	260	0.09	0.036
11	276	0.15	0.061
1	5	1.22	0.494
1	10	0.13	0.053
1	13	0.03	0.012
1	16	0.33	0.134
1	19	0.08	0.032
1	22	0.07	0.028
1	28	1.06	0.429
1	33	0.06	0.024
1	37	0.06	0.024
1	40	0.12	0.049
1	44	0.09	0.036
	_	0.18	0.073
1	54	0.13	0.073
1	57	0.40	0.162
-		0.40	0.401
1	59		
1	71	0.19	0.077
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19	1	77	0.08	0.032
20	1	83	0.03	0.012
21	1	89	0.32	0.130
22	1	93	0.11	0.045
13	1	96	0.07	0.028
4	1	38	0.32	0.130
5	1	68	0.13	0.053
6	2	4	0.15	0.061
7	2	7	1.11	0.449
8	2	9	0.16	0.065
9	2	12	0.04	0.016
0	2	18	1.04	0.421
1	2	21	0.06	0.024
2	2	26	0.10	0.040
3	2	29	0.25	0.101
4	2	34	0.29	0.117
5	2	35	0.02	0.008
6	2	39	0.13	0.053
7	2	41	0.10	0.040
8	2	43	0.08	0.032

SL L	and Type	Total Area (Ha)	Village	Khata	Plot	Area of Plot (Acre)	Area of Plot (Ha.)	Remarks
39				2	46	0.25	0.101	
40				2	52	0.53	0.214	
41	_			2	55	0.09	0.036	
12				2	58	0.04	0.016	
13				2	61	0.39	0,158	
44			Jabra	2	63	0.14	0.057	
15	- 8			2	67	0.09	0.036	
46				2	69	0.08	0.032	
17				2	72	0.16	0.065	
18				2	75	0.06	0.024	
19				2	79	0.04	0.016	
50				2	81	0.03	0.012	
51				2	84	0.16	0.065	
52				2	86	0.27	0.109	
53				2	90	0.60	0.243	
54				2	92	0.03	0.012	
55				2	94	0.16	0.065	
56				2	97	0.16	0.065	
57				3	3	1.22	0.494	
8				3	8	0.45	0.182	
59				3	1.1	0.14	0.057	
50				3	14	0.06	0.024	



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	_		1 0 004
3	15	0.06	0.024
3	17	0.20	0.081
3	20	0.16	0.065
3	23	0.08	0.032
3	25	0.64	0.259
3	27	0.16	0.065
3	30	0.43	0.174
3	36	0.23	0.093
3	45	0.60	0.243
3	53	0.54	0.219
3	56	0.04	0.016
3	60	0.21	0.085
3	62	0.24	0.097
3	64	0.17	0.069
3	65	0.59	0.239
3	66	0.10	0.040
3	70	0.37	0.150
3	74	0.10	0.040
3	78	0.02	0.008
3	80	0.02	0.008
3	82	0.07	0.028
3	85	0.18	0.073
3	88	0.11	0.045
3	91	0.21	0.085
3	95	0.11	0.045
4	48	0.39	0.158
4	50	0.14	0.057
2	215	0.32	0.130
2	509	0.88	0.356
_	513	1.08	0.437
2	656	0.23	0.093
2	665	0.74	0.299
-	674	0.68	0.275
3	189	0.24	0.097
_	190	0.11	0.045
3	191	0.11	0.045
3		0.20	0.043
3	193	0.10	0.040
3	242		0.040
3	243	0.17	0.069
3	244	0.19	0.077
3	250	0.11	100000000000000000000000000000000000000
3	251	0.13	0.053
3	538	0.06	0.024
3	563	0.45	0.182
3	675	0.12	0.049
3	677	0.24	0.097
3	678	0.13	0.053



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21			3	679	0.09	0.036	n i
		oe wise Lar st Mine	nd details	of Pakri l	Barwadih N	North	
SI. No.	Land Type	 Village	Khata	Plot	Area of Plot (Acre)	Area of Plot (Ha.)	Remarks
22			4	457	0.55	0.223	
23			4	627	0.30	0.121	
24			5	229	0.17	0.069	
2.5			5	592	0.29	0.117	
26			6	578	0.53	0.214	
2.7			6	584	0.10	0.040	
8			7	174	0.18	0.073	
9			7	175	0.17	0.069	
0			7	184	0.41	0.166	
1			7	185	0.36	0.146	
2			7	245	0.23	0.093	
3			7	246	0.23	0.093	
4			7	479	0.28	0.113	
5			8	662	0.29	0.117	
6			8	672	0.45	0,182	
?			8	279p	0.01	0.004	
8			9	145	0.14	0.057	
					0	X	
9			9	458	0.26	0.105	
0			1.0	438p	0.38	0.154	
1			11	149	0.20	0.081	
					0	OLU .	
2			36	225	0.05	0.020	
3			11	241	0,26	0.105	
4			11	428	0.18	0.073	
5			11	487	0.78	0.316	
6			11	530:	0.59	0.239	
7			11	541	0.33	0.134	
8			11	596	0.06	0.024	
9			11	661	0.27	0.109	
0			12	455	0.41	0.166	
			12	488	0.40	0.162	
2			12	497	0.09	0.036	
3			13	153	0.14	0.057	
1			13	182	0.22	0.089	
5			13	265	0.26	0.105	
5			13	580	0.23	0.093	
7			14	181	0.32	0.130	
3			14	233	0.19	0.077	

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	1	1	14	238	0.07	0.0
			14	471	0.34	0.1
			21	204	0.28	0.1
14			21	211	0.37	0.1
			23	198	0.07	0.0
			23	199	0.05	0.0
			23	201	0.11	0.0
2	The second secon	-	<u>. </u>	202	0.06	0
			23	216	0.11	0.
2:	2:	23	3	217	0.07	0.
- 23				491	0.45	0.
23		and the second second		495	0.09	0.
3	3	- 3	23	496	0.04	0.
			23	591	0.33	0.
23	23	23		594	0.23	0.
23	23	23		600	0.09	0.
23	23	23		601	0.06	0.
24	24	24		196	0.58	0
24	24	24		427p	0.30	0.
25	25	25		160	0.66	0.
25	25	25		169	0.24	0.0
25	25	25		486	1.46	0.
25	25	25		593	0.26	0.
25	25	25		138p	0.27	0.
25	25	25		278p	0.07	0.0
27	27	27		621	0.34	0.
28	1,500.00	10000		178	0.17	0.
28		-	_	213	0.05	0.0
28				247	0.14	0.
28				249	0.39	0.
28	28	28		499	0.05	0.
28	28	28		521	0.18	0.
20	78	28		523	0.08	0.

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SI. No.	Land Type	Total Area (Ha)	Village	Khata	Plot	Area of Plot (Acre)	Area of Plot (Ha.)	Remarks
92				28	557	0.28	0.113	
93				28	598	0.14	0.057	
94				28	628	0.36	0.146	
95				28	649	0.23	0.093	
96	1 11			29	441	0.72	0.291	
97	1			29	537	0.30	0.121	







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30	210	0.10	0.040
30	252	0.17	0.069
85	474	0.17	0.069
30	475	0.17	0.069
30	515	0.33	0.134
31	177	0.18	0.073
31	214	0.21	0.085
31	239	0.07	0.028
31	248	0.48	0.194
31	443	0.13	0.053
31	490	0.64	0,259
31	498	0.06	0.024
31	508	0.14	0.057
31	519	0.40	0.162
31	522	0.26	0.105
31	558	0.08	0.032
31	560	0.74	0.299
31	597	0.05	0.020
31	650	0.29	0.117
34	460	0.18	0.073
35	612	0.12	0.049
35	615	0.24	0.097
35	668	0.05	0.020
36	206	0.31	0.125
36	573	0.14	0.057
36	581	0.16	0.065
36	582	0.26	0.105
36	583	0.22	0.089
36	585	0.09	0.036
36	646	0.35	0.142
36	647	0.46	0.186
36	653	0.16	0.065
36	659	0.32	0.130
38	236	0.04	0.016
38	259	0.08	0.032
39	430	0.34	0.138
39	481	0.48	0.194
39	638	0.10	0.040
39	643	0.30	0.121
39	651	0.48	0.194
40	156	0.17	0.069
40	234	0.16	0.065
40	270	0.20	0.081
42	619	0.16	0.065
12	671	0.18	0.073
42	440	0.42	0.170
43	575	0.49	0.198





145	1 1	44	260	0.07	0.028
146		45	227	0.04	0.016
147		45	254	0.25	0.101
148		45	476	0.18	0.073
149		45	589	0.14	0.057
150		46	611	0.30	0.121
151		47	253	0.90	0.364
152		47	256	0.10	0.040
153		48	235	0.24	0.097
154		48	472	0.62	0.251
155		49	173	0.23	0.093
56		50	205	0.18	0.073
57		50	514	0.20	0.081
58		50	607	0.20	0.081
59		51	237	0.06	0.024
60		52	637	0.34	0.138
61		53	506	0.05	0.020
	1 261	O and the same		100	

SI. No.	Land Type	Total Area	Village	Khata	Plot	Area of Plot (Acre)	Area of Plot (Ha.)	Remarks
162				53	510	0.13	0.053	
163			6 //	53	520	0.26	0.105	
164				53	533	0.56	0.227	
165				53	535	0.34	0.138	
166			1700	53	542	0.14	0.057	
167		- 9		53	547	0.60	0.243	
168				53	550	0.72	0.291	
169	- 1			53	553	0.22	0.089	
170			7-1	53	562	0.52	0.210	
171				53	569	0.16	0.065	
172				53	654	0.18	0.073	
173				53	660	0.24	0.097	
174				57	224	0.05	0.020	
175			02	57	586	0.13	0.053	
176				58	572	0.42	0.170	
177		- 3		58	624	0.19	0.077	
178				49	194	0.30	0.121	
179				49	231	0.12	0.049	
180				59	500	0.30	0.121	
181				59	501	0.73	0.295	
182			Kandaber	59	502	0.12	0.049	
183				59	507	0.60	0.243	
184				60	157	0.19	0.077	
185				60	195	0.05	0.020	





186	CO	274	0.10	0.050	
2000	60	574	0.17	0.069	
187	60	639	0.21	0.085	
188	60	658	0.08	0.032	
189	62	141	0.50	0.202	
190	62	218	0.14	0.057	
191	63	208	0.25	0.101	
192	63	459	0.17	0.069	
193	63	605	0.21	0.085	
194	64	482	0.08	0.032	
195	64	635	0.16	0.065	
196	64	667	0.14	0.057	
197	89	203	0.16	0.065	
198	66	465	0,32	0.130	
199	66	666	0.20	0.081	
200	67	186	0.12	0.049	
201	67	432p	0.42	0.170	
202	68	226	0.05	0.020	
293	68	588	0.05	0.024	
204	68	590	0.07	0.028	
205	68	613	0.10	0.040	
206	68	616	0.30	0.121	
207	68	670	0.09	0.036	
208	70	154	0.18	0.073	
209	70	579	0.16	0.065	
210	70	617	0.32	0.130	
211	72	180	0.24	0.097	
212	72	263	0.25	0.101	
2.3	72	534	0.65	0.263	
214	74	524	0.28	0.113	
215	75	429	0.25	0.101	
216	75	599	0.54	0.219	
217	76	147	0.14	0.057	
218	76	148	0.05	0.020	
219	76	209	0.11	0.045	
220					
	76	462	0.25	0.101	
221	76	463	0.49	0.198	
222	76	477	0.05	0.020	
223	76	540	0.29	0.117	
224	76	645	0.18	0.073	
225	77	146	0.10	0.040	
226	77	275	0.05	0.020	
227	77	276	0.11	0.045	
228	77	602	0.11	0.045	
229	77	603	0.13	0.053	
230	77	604	0.28	0.113	
231	78	618	0.34	0.138	



Type	wise	Land	details	of	Pakri	Barwadih	North
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SL I	and Type	Total Area	Village	Khata	Plot	Area of Plot (Acre)	Area of Plot (Ha.)	Remarks
232				78	652	0.20	0.081	
233				79	504	0.03	0.012	
234				79	505	0.05	0.020	
235				79	511	0.14	0.057	
236				79	512	0.16	0.065	
237				79	525	0.07	0.028	
238				79	526	0.04	0.016	
239				79	528	0.10	0.040	
240				79	529	0.08	0.032	
241				79	531	0.02	0.008	
242				79	532	0.02	0.008	
243				79	536	0.30	0.121	
244				79	539	0.28	0.113	
245			3/	79	543	0.08	0.032	
246				79	544	0.22	0.089	
247				79	546	0.12	0.049	
248		- 9		79	548	0.96	0.389	
249	1	- 1		79	549	0.55	0.223	
250				79	551	0.20	0.081	
251				79	552	0.10	0.040	
252		107		79	554	0.12	0.049	
253		- 13		79	555	0.16	0.065	
254				79	556	0.19	0.077	
255				79	561	0.18	0.073	
256				79	570	0.10	0.040	
257				79	571	0.10	0.040	
258				79	626	0.22	0.089	
259				79	655	0.16	0.065	
260				81	641	0.77	0.312	
261				81	642	0.02	0.008	
262				82	503	0.08	0.032	
263				82	576	0.28	0.113	
264				82	577	0.26	0.105	
265				82	622	0.22	0.089	
266				82	623	0.32	0.130	
267				83	451	0.28	0.113	
268				83	452	0.45	0.182	
269				83	453	0.12	0.049	
270				83	464	0.20	0.081	
271				83	566	0.10	0.040	
272				83	567	0.11	0.045	
273				83	568	0.14	0.057	

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274	L [0]	Laar	T 0.00	0.022
274	84	223	0.08	0.032
275	84	456	0.35	0.142
276	84	644	0.28	0.113
277	84	663	0.30	0.121
278	84	673	0.25	0.101
279	84	676	0.10	0.040
280	85	158	0.30	0.121
281	85	478	0.17	0.069
282	86	150	0.16	0.065
83	86	151	0.14	0.057
84	86	152	0.15	0.061
85	86	163	0.05	0.020
86	86	164	0.14	0.057
87	86	165	0.14	0.057
88	86	166	0.14	0.057
89	86	167	0.15	0.061
90	86	187	0.08	0.032
91	86	188	0.08	0.032
92	86	192	0.06	0.024
93	86	220	0.05	0.020
94	86	221	0.08	0.032
95	86	222	0.09	0.036
96	86	230	0.05	0.020
97	86	232	0.06	0.024
98	86	255	0.28	0.113
99	86	447	0.15	0.061
00	86	448	0.16	0.065
01	86	449	0.10	0.040

SL No.	Land Type	Total Area (Ha)	Village	Khata	Plot	Area of Plot (Acre)	Area of Plot (Ha.)	Remarks
302				86	450	0.56	0.227	
303				86	467	0.31	0.125	- 1 -
304				86	468	0.28	0.113	
305				86	469	0.22	0.089	
306				86	470	0.25	0.101	
307				86	219	0.11	0.045	
308				87	228	0.09	0.036	
309				87	587	0.26	0.105	
310				88	606	0.05	0.020	
311				88	610	0.30	0.121	
312				89	155	0.27	0.109	
313				89	262	0.18	0.073	
314				89	264	0.34	0.138	
315				89	516	0.20	0.081	







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89	608	0.07	0.028
90	480	0.22	0.089
00	636	0.20	0.081
92	207	0.28	0.113
92	461	0.28	0.113
92	609	0.40	0.162
93	614	0.08	0.032
93	620	0.20	0.081
)3	669	0.05	0.020
95	595	0.74	0.299
95	657	0.34	0.138
97	632	0.64	0.259
98	631	0.16	0,065
99	630	1.78	0.720
100	648	0.42	0.170
112	269	0.77	0.312
51	140	0.36	0.146
51	143	0.16	0.065
51	144	0.17	0.069
51	159	0.62	0.251
51	161	0.09	0.036
51	162	0.07	0.028
51	168	0.29	0.117
51	170	0.37	0.150
1	171	0.22	0.089
51	172	0.16	0.065
51	179	0.27	0.109
51	183	0.20	0.081
51	258	0.06	0.024
54	261	0.08	0.032
54	266	0.08	0.032
54	267	0.11	0.045
54	268	0.07	0.028
54	272	0.12	0.049
54	-274	0.07	0.028
54	439	0.65	0.263
54	445	0.21	0.085
54	446	0.60	0.243
54	483	0.27	0.109
54	489	0.29	0.117
54	492	0.80	0.324
54	494	0.38	0.154
54	517	0.30	0.121
54	518	0.08	0.032
54	136p	0.12	0.049
54	142p	0.12	0.049
54	273p	0.53	0.214

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1	15	2	1.55	0.627
2	8	3	1.12	0.453
	7	4	0.82	0.332
	12	5	0.94	0.380
	28	6	1.13	0.457
	16	7	1.02	0.413
	15	8	0.63	0,255
	10	96	1.21	0.490
	10	640	0.21	0.085

SL No.	Land Type	Total Area (Ha)	Village	Khata	Plot	Area of Plot (Acre)	Area of Plot (Ha.)	Remarks
10				10	648	0.13	0.053	
11				10	649	0.40	0.162	
12				10	650	0.51	0.206	
13				13	654	0.15	0.061	
14				13	657	0.16	0.065	
15				13	670	0.13	0.053	
16		1		14	638	0.49	0.198	1.
17				14	646	1.03	0.417	- 1
18				14	653	0.16	0.065	
19				14	659	0.12	0.049	
20				14	664	0.34	0.138	
21			Urub	14	667	0.36	0.146	
22				14	669	0.46	0.186	
23			Criuci	14	671	0.34	0.138	
24				14	636p	0.95	0.384	
25				18	651	0.43	0.174	
26				18	656	0.14	0.057	
27				18	676p	0.10	0.040	
28				19	637	0.20	0.081	
29					639	0.19	0.077	
30				19	644	0.17	0.069	
31				19	647	0.07	0.028	
32				19	652	0.17	0.069	
33				19	658	0.30	0.121	
34				19	668	0.36	0.146	
35				19	691p	0.04	0.016	
36				20	662	1.03	0.417	
37				21	643	0.39	0.158	
88				21	660	0.11	0.045	
19				21	663	0.37	0.150	
10				21	690p	0.08	0.032	

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41	1	1	T .	25	641	0.66	0.267	
42				25	655	0.85	0.344	
43				25	665	0.45	0.182	
				25	672p	1.23	0.498	
44		Cali	r Majurwa L	12.575	072p	11,000	0.170	
SI. No.	Land Type	Total Area	Village	Khata	Plot	Area of Plot (Acre)	Area of Plot (Ha.)	Remarks
1				190	59	0.28	0.113	
2	1			190	60p	3.53	1.429	
3				190	68	0.32	0.130	
4			90,000	190	90	0.10	0.040	
5			Beltu	190	92	0.01	0.004	
6	1			190	100	0.05	0.020	
7				190	120	0.22	0.089	
2				190	267p	1.67	0.676	
8				155	8	0.35	0.142	
			100	155	9	2.31	0.935	
4			3.37	155	10	0.05	0.020	
3				155	29	0.04	0.020	
5	-		Bariyatu	155	40	0.02	0.008	
			8	155	59	0.04	0.016	
7	-			155	1685	1.53	0.619	
	1			156	1687	2.35	0.951	
8	1			5	5	0.53	0.214	
,	-		100	5	7	0.03	0.012	
1	-	7-		5	21	0.03	0.012	
4		1.87	Basaria	5	26	0.01	0.004	
5	1			5	29	1.18	0.478	
5	1		7	6	16	0.07	0.028	
t .				34	208	0.10	0.040	
,				34	329	0.04	0.016	
1	-			34	406	0.02	0.008	
3		1/1		34	443	0.02	0.008	
4	-			34	457	0.02	0.012	
2	-			34	481	0.03	0.012	
6			l	0.00		1.12.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	III I TO SERVICE AND A SERVICE	
		- T. T.	e wise Land t Mine	details	n Pakri i			
SI. No.	Land Type	Total Area (Ha)	Village	Khata	Plot	Area of Plot (Acre)	Area of Plot (Ha.)	Remarks
7			Nawadih	34	229p	0.05	0.020	
8				34	280p	0.23	0.093	
9	1			34	355p	0.04	0.016	
10				34	458	0.16	0.065	
11				34	408p	0.05	0.020	

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		110	176	10.0	0.004
		110	139	0.04	0.016
		110	48p	3.40	1.376
-		5	87	0.04	0.016
		5	51	2,30	0.931
		5	49	0.27	0.109
		5	42	0.10	0.040
	Jabra	5	32	0.15	0.061
		5	.31	0.07	0.028
		5	24	0.46	0.186
		5	6	0.07	0.028
		5	1	0.13	0.053
		13	272	0.13	0.053
		13	250	0.06	0.024
		13	225	0.37	0.150
		13	218	0.02	0.008
		12	292	0.05	0.020
3		12	280	0.08	0.032
-		12	278	0.08	0.032
		12	251	0.10	0.040
		12	244	0.12	0.049
		12	243	1.18	0.478
- 1		12	242	0.31	0.125
		12	235	0.81	0.328
		12	224	0.03	0.012
1.5		12	216	0.04	0.016
.713	Sirma	12	212	0.11	0.045
		12	200	0.02	0.008
		12	194	0.06	0.024
		12	189	0.22	0.089
		12	185	0.03	0.012
		12	159	0.17	0.069
		12	156	0.19	0.077
		12	154	0.02	0.008
		12	153	0.07	0.028
		12	148	0.08	0.032
		12	138	0.01	0.004
		12	125	0.09	0.036
		12	111	0.04	0.016
		12	99	0.04	0.016
		12	71	0.16	0.065
		35	450p	0.34	0.138
		35	343	0.09	0.036

Certification has been taken for this area from DC, Hazaribagh in Form-I (as per Jharkhand Govt, circular 4792 dt 04.12.2018) vide letter no. 3070 dt 05.09.2023

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		1	110	200	0.32	0.130	
			-				
				-			
		Kandaber	110	454			
			110	466	0.04	100000000000000000000000000000000000000	
	F .		110	473	1.73	0.700	
			110	484	4.55	1.841	
			110	485	0.41	0.166	
			110	564	1.14	0.461	
			111	565	0.46	0.186	
			110	629	0.02	0.008	
			110	633	0.14	0.057	
				664	0.03	0.012	
		12/6	_			100000000000000000000000000000000000000	
			49	95		0.089	
	Typ	e wise Land					
				10.7:31077.75		200 Grade (1990)	
Land Type	20405700.77		Khata	Plot	Area of Plot	Area of Plot	Remarks
	2000				No. 115 (1977)	(Ha.)	
			49	97	0.81	0.328	
		Limb	49	634p	1.35	0.546	
	5.4	Oruo	49	642	0.66	0.267	
	1		49	645	0.27	0.109	
			49	728p	2.57	1.040	
	Fore	st Land		1			
Land Type	Total Area (Ha)	Village	Khata	Plot	Area of Plot (Acre)	Area of Plot (Ha.)	Remarks
Land Type		Village	Khata 190	Plot 58p	Plot	Plot	Remarks
Land Type			Chr	15	Plot (Acre)	Plot (Ha.)	Remarks
Land Type		Village Beltu	190	58p	Plot (Acre) 5.58	Plot (Ha.) 2.258	Remarks
Land Type			190 190	58p 62p	Plot (Acre) 5.58 1.34	Plot (Ha.) 2.258 0.542	Remarks
Land Type			190 190 190 190	58p 62p 84p 87	Plot (Acre) 5.58 1.34 4.72 1.16	Plot (Ha.) 2.258 0.542 1.910 0.469	Remarks
Land Type			190 190 190 190 190	58p 62p 84p 87	Plot (Acre) 5.58 1.34 4.72 1.16 24.00	Plot (Ha.) 2.258 0.542 1.910 0.469 9.713	Remarks
Land Type			190 190 190 190 155	58p 62p 84p 87 1	Plot (Acre) 5.58 1.34 4.72 1.16 24.00 109.75	Plot (Ha.) 2.258 0.542 1.910 0.469 9.713 44,415	Remarks
Land Type		Beltu	190 190 190 190 155 155	58p 62p 84p 87 1	Plot (Acre) 5.58 1.34 4.72 1.16 24.00 109.75 70.50	Plot (Ha.) 2.258 0.542 1.910 0.469 9.713 44,415 28.531	Remarks
Land Type			190 190 190 190 155 155 155	58p 62p 84p 87 1 2 3	Plot (Acre) 5.58 1.34 4.72 1.16 24.00 109.75 70.50 75.00	Plot (Ha.) 2.258 0.542 1.910 0.469 9.713 44,415 28.531 30.352	Remarks
Land Type		Beltu	190 190 190 190 155 155 155 155	58p 62p 84p 87 1 2 3 4 63p	Plot (Acre) 5.58 1.34 4.72 1.16 24.00 109.75 70.50 75.00 20.41	Plot (Ha.) 2.258 0.542 1.910 0.469 9.713 44.415 28.531 30.352 8.260	Remarks
Land Type		Beltu	190 190 190 190 155 155 155 155 155	58p 62p 84p 87 1 2 3 4 63p 232p	Plot (Acre) 5.58 1.34 4.72 1.16 24.00 109.75 70.50 75.00 20.41 126.12	Plot (Ha.) 2.258 0.542 1.910 0.469 9.713 44,415 28.531 30.352 8.260 51.040	Remarks
Land Type		Beltu	190 190 190 190 155 155 155 155	58p 62p 84p 87 1 2 3 4 63p	Plot (Acre) 5.58 1.34 4.72 1.16 24.00 109.75 70.50 75.00 20.41	Plot (Ha.) 2.258 0.542 1.910 0.469 9.713 44.415 28.531 30.352 8.260	Remarks
	Land Type	Land Type Total Area (Ha)	Type wise Land West Mine Land Type Total Area Village	110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 149	Kandaber	Kandaber	Kandaber 111 240 0.87 0.352 110 257 0.09 0.036 110 277 0.28 0.113 110 437p 0.01 0.004 110 442 0.04 0.016 110 454 4.42 1.789 110 466 0.04 0.016 110 473 1.73 0.700 110 484 4.55 1.841 110 485 0.41 0.166 110 564 1.14 0.461 111 565 0.46 0.186 110 629 0.02 0.008 110 633 0.14 0.057 110 664 0.03 0.012 110 680 0.39 0.158 49 95 0.22 0.089 110 680 0.39 0.158 49 95 0.22 0.089 110 680 0.39 0.158 49 95 0.22 0.089 110 1

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Basaria

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Stage-I FC has been

1		1	1	3	162p	3,27	1.323	granted by MoEF&CC
2			Nawadih	3	276p	0.15	0.061	vide 8-56/2009-FC-(vol Dt26.05,2023
3	1			3	399p	3.81	1.542	
1				3	422	21.00	8.499	
5	Forest	327.058		3	505	33.50	13.557	
1			Sirma	12	30p	50.80	20.558	
			Jabra	5	2	9.10	3.683	
				110	212	10,13	4.100	
2	1			110	375	6,050	2.448	
3				110	559	1.96	0.793	1
	1		Kandaber	110	625	9.02	3,650	1
				110	634	15.00	6.070	
				110	640	4.66	1.886	
	1			49	9p	18.07	7.313	
	1			49	10p	7.02	2.841	
	1		5	49	12p	4.72	1.910	Stage-II FC has been
			Urub	49	13p	4.21	1.704	granted by MoEF&CC
			100	49	85p	9.10	3.683	vide 8-56/2009-FC-(vol)
	1		7//	49	94p	7.20	2.914	Dt 17.09.2010
e i	1		1 5 6 6	49	105p	0.81	0.328	1
	1			Jungle .	lhari Lan	d	1.1	
il.No.	Land Type	Total Area (Ha)	Village	Khata	Plot	Area of Plot (Acre)	Area of Plot (Ha.)	Remarks
			Marie 1	190	81p	0.52	0.210	Stage-I FC has been
				190	143p	5.83	2.359	granted by MoEF&CC
		19,	Beltu	190	198p	0.46	0.186	vide 8-56/2009-FC-(vol)
				190	214	1.64	0.664	Dt26.05.2023
				190	222p	0.07	0.028	
			Bariyatu	155	21	0.09	0.036	
	1		Bariyatu	155	en.	0.49	0.198	
		1000		120	50	0.49	40000	
		1347		5	2	1.07	0.433	
			Basaria	100000	-250.00		10.00010122	
			Basaria	5	2	1.07	0.433	
			Basaria	5	2 10 12	1.07	0.433 0.538 0.575	
			Basaria	5	10 12 152p	1.07 1.33 1.42 0.80	0.433 0.538 0.575 0.324	
			Basaria	5	10 12 152p 174p	1.07 1.33 1.42 0.80 3.54	0.433 0.538 0.575 0.324 1.433	
			Basaria Nawadih	5 5 5 3 3	10 12 152p 174p 187p	1.07 1.33 1.42 0.80 3.54 0.39	0.433 0.538 0.575 0.324 1.433 0.158	
				5	10 12 152p 174p 187p 207	1.07 1.33 1.42 0.80 3.54 0.39 2.14	0.433 0.538 0.575 0.324 1.433 0.158 0.866	
				5 5 3 3 3 3 3	2 10 12 152p 174p 187p 207 218p	1.07 1.33 1.42 0.80 3.54 0.39 2.14 0.73	0.433 0.538 0.575 0.324 1.433 0.158 0.866 0.295	
				5 5 3 3 3 3 3 3	2 10 12 152p 174p 187p 207 218p 237p	1.07 1.33 1.42 0.80 3.54 0.39 2.14 0.73 0.06	0.433 0.538 0.575 0.324 1.433 0.158 0.866 0.295 0.024	
				5 5 3 3 3 3 3 3 3	2 10 12 152p 174p 187p 207 218p 237p 316	1.07 1.33 1.42 0.80 3.54 0.39 2.14 0.73 0.06 1.32	0.433 0.538 0.575 0.324 1.433 0.158 0.866 0.295 0.024 0.534	
				5 5 3 3 3 3 3 3	2 10 12 152p 174p 187p 207 218p 237p	1.07 1.33 1.42 0.80 3.54 0.39 2.14 0.73 0.06	0.433 0.538 0.575 0.324 1.433 0.158 0.866 0.295 0.024	

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		4.5	e wise Land it Mine	details of	Pakri E	Barwadih N	orth	
Sl.No.	Land Type	Total Area	Village	Khata	Plot	Area of Plot (Acre)	Area of Plot (Ha.)	Remarks
3				12	195	2.47	1.000	
4			Sirma	12	240	1.82	0.737	
5			733000	12	245	0.30	0.121	
6				12	247	0.74	0.299	
7				12	291	0.33	0.134	
8				12	296	0.41	0.166	
1				110	197	0.72	0.291	
2				110	271	0.27	0.109	
3			Kandaber	110	431	1.90	0.769	
4			100	110	444	0.13	0.053	
5			- 43	110	493	2.07	0.838	
6			4880	110	527	0.59	0.239	
7			15/24	110	545	0.47	0.190	
1				49	635p	1.00	0.405	
2				49	661	9.82	3.974	
3			Urub	49	666	7.95	3.217	
4				49	677p	4.75	1.922	
5			111	49	689p	0.03	0.012	
	TOTAL AREA	485.16						

Statutory Clearances:

1	LOI/Lease docs	: Land has been Transferred to National Thermal Power Corporation (NTPC)
		The CO, Keredari Block vide letter no. 572, date 03.07.2023 has clarified that Khatiyan /Revenue recor is not available in the Keredari block.
2	СО	The CO, Barkagaon Block vide letter no. 613, date 03.07.2023 has clarified that Khatiyan /Revenue recordist not available in the Keredari block. In the absence of Khatiyan, the Deputy Commissione Hazaribagh has issued certificate vide letter no 3070/Ra, dated 05.09.2023 in the light of Land Revenue and Reforms Deptt., Govt. of Jharkharinotification no. 4792, dated 04.12.2018.
3	DFO Wild Life	: DFO, Wildlife Hazaribag vide letter no. 1219, date 26.06.2023 certified that the said project is outside Ec

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			Sensit	ive Zone of H	azaribag Wildlife	Sanctuary
4	DFO Forest Distance	*	dated forest Out or land. • 20.69 NTP 17.09	08.07.2023 colland. f 485.16 Ha of force C vide Stage 0.2010.	est Division vide ertified that the pof lease area, 35 est land is alread IFC no. 8-56/2	oroposal includes 1.89 Ha is fores dy transferred to 2009-FC-(vol) di d vide letter no.
5	Mine Plan Approved		100	ide no. 13016	by Ministry of Co /29/2003-CA-I(Pa	
6	Public Hearing	1	Public	hearing condu	cted on 11.11.202	2
7	Terms of Reference (ToR)	:	The second second	of India vide	e (ToR) granted J-11015/60/2019	: 이래를 버릇하는 이번 하나 얼마 없었다.
8	CGWA	:	Abstract NOC/ 1	tion issued by	ficate (NOC) for CGWA vide NO 21/12198, dated	OC no. : CGWA/
9	Diversion of Forest Land	ecz.	• 20.69 NTPC 17.09 • FC St 8-56/2	2 ha of fore 2 vide Stage- .2010. age-I for 331. 2009-FC-(VO	ease area, 351.89 st land is alread II FC no. 8-56/2 198 Ha is granted I) – I/44905/23, do	y transferred to 009-FC-(vol) dt d vide letter no ated 26.05.2023.
					SENT STATUS	
			S.No	Туре	Agriculturel	Area (Ha)
			î	Tenancy	Agricultural	113,557

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	Total		485.16
4	Forest		327.058
3	Gair Majarua Jungle Jhari (GMJJ)	Forest	24.832
		Barren	
	Non Forest	Grazing	1000
2	Government	Habitation	19.713
		Agricultural	
		Barren	
		Grazing	

IMPACT AND MITIGATION MEASURES:

- Air: The principal sources of air pollution due to mining and allied activities are drilling, blasting, movement of HEMM, wind erosion of dumps, CHP operation etc. It is proposed to adopt various control measures such wet drilling, controlled blasting, fixed water sprinkling of 2km length, mobile water sprinkler, covering transport vehicles with tarpaulin, avenue plantation, etc.
- ❖ Water: Effluents generated from the workshop building will be treated in ETP with oil and grease trap of 60 KLD capacity. The treated water will be reused within the workshop. Domestic effluent will be treated in Sewage treatment plant with 60KLD capacity is proposed to be installed for treatment of domestic waste water. The treated water will be used for greenbelt and plantation. Rainwater runoff from waste dump and coal stock will be collected through surface runoff management structures such as 6550m of garland drain, 4700m of retaining wall, check dam etc. Dumps will be stabilized by means of plantation of native species with geo textile matting.
 - a) Surface Water: To analyse change in hydraulic pattern of Khora nala east under existing as well as diverted conditions, a detailed study was carried out through "Think Innovative Solutions, Ranchi". The conducted study suggests that diversion of both nalas seems technically feasible as the desired cross section and flow can be maintained even after diversion. Besides, to ensure the surface water quality various measures are planned such as construction of retaining wall, peripheral garland drain, settling ponds, embankment between the mine pit and the nala on either side, check dam / check weirs at vulnerable places, etc., letting

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- out supernatant clearwater from mine sump conforming discharge limits into Khora Nala for gainful use by downstream users.
- b) Ground Water: Think Innovative Solutions, Ranchi carried out a detailed Hydrological study. Water level monitoring was carried out in 19 locations and it is seen that the water level in the pre monsoon is ranging from 1.5 10.4m BGL and the post monsoon water level ranges from 2.35 9.8m BGL. Two VES have been conducted within the mining lease area. There are 5 (five) different layers i.e., top soil, clay/weathered and fractured formation. Pumping test was conducted on the bore well-constructed in the mine periphery with the aquifer thickness of 7 meters. The hydraulic conductivity (k) calculated is 0.984 meter /day and transmissivity is 6.89 m2/day. Due to the low permeability of the aquifer units, the impact of pumping on local water regime will be minimal and the radius of influence will be limited.
- c) <u>Rainwater Harvesting</u>: In the 5 years, maximum of 17,32,701.30cum of total rainfall runoff will be generated in year 5. Rainwater harvesting by means of artificial recharge and rainwater storage structures is proposed in order to effectively utilize the above mentioned quantum of rainfall.
- Noise: The main sources of noise are drilling, excavation, dumpers, dozers, etc. Various control measures such as acoustic enclosures, avenue plantation, providing PPEs to workers, plantation around CHPs, proper maintenance of equipments.
- Vibrations: Mining activity in the adjacent Pakribarwadih West quarry is in place for the last 5 years. The Rock Excavation Engineering Division of CSIR-CIMFR, Dhanbad carried out field investigations at the Pakribarwadih West quarry. During this period, ten trial blasts were conducted at various locations of the mine. For controlled blasting operations using SME explosive within the blasting zone of 100 -150 m, blasthole diameter of 100-115 mm have been suggested to contain ground vibration within the safe level. However, for controlled blasting beyond 150 m from the residential houses, 160 mm blasthole diameter have been recommended.
- Biological Environment: Schedule-I species are Elephant, Indian Pangolin, Sloth Bear, Python, Indian Flapshell Turtle, White-Rumped Vulture, Indian Vulture, Indian Peafowl based on the letter obtained from DFO vide Lr.No.122 dated 27.03.2023. Site specific conservation plan has been approved by PCCF Wildlife & Chief Wildlife Warden, Jharkhand vide Office Order No.32 dated 03.08.2023. Rs 45.31 Crores has been allocated for a period of 10 years for implementation of various activities under Site Specific Wildlife Conservation Plan.
- Green Belt Development: Consultation with State forest department and State soil conservation department shall be made to select the species required for green belt / vegetation cover development. Species commonly found in Sal forest should be planted along the rows of sal saplings. Species serving the role of commercially valuable timber,

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NTFP and nurse trees/wildlife trees which attract wildlife, nitrogen fixation are considered to achieve the multiple uses. With regards to greenbelt and plantation, it is proposed to carry out plantation inside the lease area, avenue planation and also outside wherein a total of about 5,37,650 trees will be planted through the life of the mine with a total budget of Rs. 1075.30 Lakhs.

Dump stabilization: Proper levelling, grading, spreading of top soil in the inactive dump slopes, geotextiling, coir matting for dump slope stabilization. Plantation of hardwood species and other leguminous trees and shrubs, and hardwood species that can tolerate a wide range of acidity, fertility, moisture, and temperature will be established. The tree species that are best-suited to the soil properties and landscape conditions shall be planted on the site. Species of trees, shrubs, herbs, grasses with multiple use value like fuel, fodder, fruit, medicine will be used during the process of ecological restoration.

Socio Economy:

Comprehensive need-based assessment was carried out by Asia Institute of Sustainable Development wherein the needs of the villagers were assessed. Based on the need requirement captured through FGDs, a CSR perspective Plan has been prepared for duration of 5 years. An amount of Rs.1.5 Crores has been allocated towards the implementation of the needs assessed.

* Rehabilitation & Resettlement:

Need Assessment study for villages around the quarry was conducted by the Asia Institute for Sustainable Development, Ranchi. 18 project affected area in this project of which 8 core villages falling within the lease area are directly affected by the PB NW Project namely Bariatu, Basaria, Beltu, Jabra, Kandaber, Nawadih, Sirma and Urub. 791 PAFs (Project Affected Families) in the 8 villages, who are losing land, or both land and home (204- Home oustees alone). Out of the 8 villages, Basaria, Nawadih and Sirma villages will be rehabilitated in PB North West Quarry. For the Pakri Barwadih North West Block, 485.159Ha of land from 8 project affected villages, (113.557Ha Tenancy Land) namely Basaria, Bariyartu, Beltu, Kandaber, Nawadih, Sirma, Jabra and Urub, has been notified by the Govt. and compensation disbursement is under progress. NTPC shall ensure all payments towards land compensation, R&R benefits and other benefits are being made as per State Government resolution.

The above measures will be implemented by the Environmental Management Group of the proponent. The total capital cost of environmental control measures works out to Rs.30.75 Crores and recurring cost works out Rs.1.43 Crores per annum (which is inclusive of public hearing action plan budget).

Public hearing for this project was conducted on 11.11.2022 under the chairmanship of representative of Dy. Commissioner, Hazaribag (District Land Acquisition Officer, Hazaribagh). About 1145 people participated in the public hearing and 23 people expressed their views during







the meeting. Public had expressed their concerns about compensation, employment, education, health facilities, pollution due to mining operations, training to locals, etc.

* Risk & Hazard Mitigation:

NTPC is committed to work towards "Zero Harm' from their mining activities and carry out Health Risk Assessment (HRA) for identification of workplace hazards and assess their potential risks to health and determine appropriate control measures to protect the health and wellbeing of workers and nearby community.

Mining and allied activities will be carried out in conformation with the prevailing statutory provisions as per Mines Act 1952 and CMR 1957 applicable for safety in opencast mines, DGMS Circular 03 of 2019 on Risk Management plan, all statutory rules, regulations, applicable laws etc, rules imposed by local/State/Central authorities if any. Factors of risks involved due to human induced activities in connection with mining & allied Operations are Failure of Slope of mine benches and dumps, Operation of main mining & other equipments, Drilling, Storage & handling of explosives and Blasting. Other risk factors due to natural activities are Fire due to electricity and Oil, Flooding of mine/Mine Inundation and Natural calamities. Elaborate procedures and SOP's will be made and followed to mitigate the risks involved in the mining activity.

The description given above on predictions of anticipated impacts and various mitigative measures for each environmental parameter brings out the fact that systematic and scientific mining of coal with proper and timely execution of various environment management measures suggested in the report will ensure maintenance of future environmental quality within statutory limits. The impacts due to project will be suitably compensated by the liberal packages of rehabilitation and resettlement plan for the home and land oustees. By judicious implementation of the well laid Environmental Management System (EMS) as given in the report, it will be possible to achieve an environmentally sustainable industrial growth.

During the presentation the following documents were sought:

- Details regarding forest clearance, compensatory afforestation, NOC for ground water withdrawal, status of wildlife conservation plan, EMP cost.
- Time bound action plan alongwith budget to address the issues raised during public hearing.
- iii. Budgets involved in the EC application of this project.
- Details of utilization of excess water from the mine pit.
- v. Management of safety zone, surface water quality, energy conservation.
- vi. Undertaking regarding the diversion of Khora Nallah.

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The Project Authorities have submitted the above mentioned documents.

State Level Environment Level Impact Assessment Authority (SEIAA), Jharkhand in its 109th meeting held on 27th & 28th September, 2023 discussed the project proposal along with recommendations made by SEAC in its 108th meeting held on 19th, 20th, 21st, 22nd, 23rd, 24th and 25th September, 2023 and decided to grant EC to the project

On the basis of recommendation of SEAC and decision of SEIAA to grant of EC, Environmental Clearance is hereby issued to the "North-West Quarry of Pakri Barwadih Opencast Coal Mine of M/s NTPC Limited at Village: Bariatu, Basaria, Beltu, Jabra, Kandaber, Nawadih, Sirma & Urub, Tehsil: Keredari and Barkagaon, Distt.: Hazaribagh, Jharkhand (485.159 Ha)" alongwith the following specific conditions as recommended by SEAC:-

I. Specific Conditions:

- This Environmental Clearance is valid subject to the following condition below –
 That this project has-
 - a. Obtained all legal rights to operate at concerned place.
 - b. Complied with all existing concerned laws of the land and
 - c. Complied with the decisions of SEIAA on the issue of Environmental Clearance till date. -
- The Project Authorities shall take all necessary measures to ensure that the quality of the Khora Nallah water is not affected due to the mining activities.
- Project Proponent will ensure that a safety barrier of 45 m on both side of the road passing within ML area will be maintained and no mining activity will be carried out in the safety barrier. After getting the permission for diversion of road from the competent authority, the copy of the permission for diversion shall be submitted to SEIAA/SEAC, Jharkhand alongwith the 06 monthly compliance report.
- iv. Mining activities in the safety barrier can be undertaken after diversion of the road is fully implemented and said land must be included in approved Mine Plan for the mining purposes.
- v. The Project Authorities must ensure Offset of conventional energy requirement of not less than 2% by installation of solar panel. Overall conservation of not less than 20% is to be ensured by use of efficient energy measures.
- No mining/activity shall be undertaken in the forest land or deemed forest without obtaining requisite prior forestry clearance.
- vii. This Environmental Clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT, MoEF & CC and any other Court of Law, if any, as may be applicable to this project.

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- viii. Environmental clearance is subject to obtaining prior clearance from forestry and Wildlife angle including clearance from standing committee of NBWL, as may be applicable to this project (in case any fauna occurs / is found in the Project area or if the area involves forest land or Wildlife habitat i.e. core zone of elephant/tiger reserve etc. and or located with in 10 km. of protected area).
- ix. The project proponent may apply simultaneously for forest and NBWL clearance, in order to complete the formalities without undue delay, which till process on their respective merits, no rights will vest in or accrue to them unless all clearance are obtained.

II. Statutory compliance:

- The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.
- The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the sixmonthly compliance report. (incase of the presence of schedule-I species in the study area).
- iv. In the writ petition (Civil) no. 202/1995, T.N. Godaverman Thirumulpad vs union of India and ors. the Hon'ble Supreme Court passed an order dated 03.06.2022 " National Park or Wildlife Sanctuary must have an ESZ of minimum 01 km in which the activities prescribed and prescribed in the guidelines of 09th February, 2011 shall be strictly adhered to".
- v. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
- vi. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
- vii. Solid waste/hazardous waste generated in the mines needs to addressed in accordance to the Solid Waste Management Rules, 2016 / Hazardous & Other Waste Management Rules, 2016 as amended from time to time.
- viii. It shall be mandatory for the project management to submit six (06) monthly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard copies and soft copies to the regulatory authority concerned

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Regional Office of MoEF & CC at Ranchi and Jharkhand State Pollution Control Board (J.S.P.C.B.), Ranchi/SEIAA/CPCB.

- ix. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- x. The SEIAA, Jharkhand or any other competent Authority may alter modify the above conditions or stipulate any further condition in the interest of Environment Protection.

III. Air quality monitoring and preservation:

- i. Continuous ambient air quality monitoring stations as prescribed in the statue be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely PM10, PM2.5, S02 and NOx. Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board. Online ambient air quality monitoring stations may also be installed in addition to the regular monitoring stations as per the requirement and/or in consultation with the SPCB. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc to be carried out at least once in six months.
- ii. The Ambient Air Quality monitoring in the core zone shall be carried out to ensure the Coal Industry Standards notified vide GSR 742 (E) dated 25.9.2000 and as amended from time to time by the Central Pollution Control Board. Data on ambient air quality and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly reported to the Ministry/Regional Office and to the CPCB/SPCB.
- iii. Transportation of coal, to the extent permitted by road, shall be carried out by covered trucks/conveyors. Effective control measures such as regular water / mist sprinkling / rain gun etc shall be carried out in critical areas prone to air pollution (with higher values of PM1O/PM2.5) such as haul road, loading/ unloading and transfer points. Fugitive dust emissions from all sources shall be controlled regularly. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central/State Pollution Control Board.
- iv. The transportation of coal shall be carried out as per the provisions and route envisaged in the approved Mining Plan or environment monitoring plan. Transportation of the coal through the existing road passing through any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it should be so constructed so that the impact of sound, dust and accidents could be appropriately mitigated.
- v. Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centres.

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- vi. Coal stock pile/crusher/feeder and breaker material transfer points shall invariably be provided with dust suppression system. Belt-conveyors shall be fully covered to avoid air borne dust. Side cladding all along the conveyor gantry should be made to avoid air borne dust. Drills shall be wet operated or fitted with dust extractors.
- vii. Coal handling plant shall be operated with effective control measures w.r.t. various environmental parameters. Environmental friendly sustainable technology should be implemented for mitigating such parameters.

IV. Water quality monitoring and preservation:

- The effluent discharge (mine waste water, workshop effluent) shall be monitored in terms of the parameters notified under the Water Act, 1974 Coal Industry Standards vide GSR 742 (E) dated 25.9.2000 and as amended from time to time by the Central Pollution Control Board.
- The monitoring data shall be uploaded on the company's website and displayed at the project site at a suitable location. The circular No. J-20012/1/2006-1A.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.
- iii. Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre-monsoon, monsoon, post-monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC/RO.
- Monitoring of water quality upstream and downstream of water bodies shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change / Regional Office.
- Ground water, excluding mine water, shall not be used for mining operations.
 Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources.
- vi. Catch and or garland drains and siltation ponds in adequate numbers and appropriate size shall be constructed around the mine working, coal heaps & OB dumps to prevent run off of water and flow of sediments directly into the river and water bodies. Further, dump material shall be properly consolidated/ compacted and accumulation of water over dumps shall be avoided by providing adequate channels for flow of silt into the drains. The drains/ ponds so constructed shall be regularly de-silted particularly before onset of monsoon and maintained properly. Sump capacity should provide adequate retention period to allow proper settling of silt material. The water so collected in the sump shall be utilised for dust suppression and green belt development and other industrial use. Dimension of the retaining wall constructed, if any, at the toe of the OB dumps within the mine to check

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run-off and siltation should be based on the rainfall data. The plantation of native species to be made between toe of the dump and adjacent field/habitation/water bodies.

- vii. Adequate groundwater recharge measures shall be taken up for augmentation of ground water. The project authorities shall meet water requirement of nearby village(s) after due treatment conforming to the specific requirement (standards).
- viii. Industrial waste water generated from CHP, workshop and other waste water, shall be properly collected and treated so as to conform to the standards prescribed under the standards prescribed under Water Act 1974 and Environment (Protection) Act, 1986 and the Rules made there under, and as amended from time to time. Adequate ETP / STP needs to be provided.
 - ix. The water pumped out from the mine, after siltation, shall be utilized for industrial purpose viz. watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.
 - x. The surface drainage plan including surface water conservation plan for the area of influence affected by the said mining operations, considering the presence of river/rivulet/pond/lake etc, shall be prepared and implemented by the project proponent. The surface drainage plan and/or any diversion of natural water courses shall be as per the approved Mining PlaniEIA/EMP report and with due approval of the concerned State/Gol Authority. The construction of embankment to prevent any danger against inrush of surface water into the mine should be as per the approved Mining Plan and as per the permission of DGMS or any other authority as prescribed by the law.
- xi. The project proponent shall take all precautionary measures to ensure reverian/ riparian ecosystem in and around the coal mine upto a distance of 5 km. A revarian /riparian ecosystem conservation and management plan should be prepared and implemented in consultation with the irrigation / water resource department in the state government.

V. Noise and Vibration monitoring and prevention

- i. Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs / muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.
- Controlled blasting techniques shall be practiced in order to mitigate ground vibrations, fly rocks, noise and air blast etc., as per the guidelines prescribed by the DGMS.
- iii. The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.

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VI. Mining Plan:

- Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.
- Mining shall be carried out as per the approved mining plan(including Mine Closure Plan) abiding by mining laws related to coal mining and the relevant circulars issued by Directorate General Mines Safety (DGMS).
- No mining shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980
- Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy.

VII. Land Reclamation:

- Digital Survey of entire lease hold area/core zone using Satellite Remote Sensing survey shall be carried out at least once in three years for monitoring land use pattern and report in 1:50,000 scale or as notified by Ministry of Environment, Forest and Climate Change (MOEF&CC) from time to time shall be submitted to MOEFCC/Regional Office (RO).
- ii. The final mine void depth should preferably be as per the approved Mine Closure Plan, and in case it exceeds 40 m, adequate engineering interventions shall be provided for sustenance of aquatic life therein. The remaining area shall be backfilled and covered with thick and alive top soil. Post-mining land be rendered usable for agricultural /forestry purposes and shall be diverted. Further action will be treated as specified in the guidelines for Preparation of Mine Closure Plan issued by the Ministry of Coal dated 27th August, 2009 and subsequent amendments.
- iii. The entire excavated area, backfilling, external OB dumping (including top soil) and afforestation plan shall be in conformity with the "during mining" / "post mining" land-use pattern, which is an integral part of the approved Mining Plan and the EIA/EMP submitted to this Ministry. Progressive compliance status vis-a-vis the post mining land use pattern shall be submitted to the MOEFCC/RO.
- iv. Fly ash shall be used for external dump of overburden, backfilling or stowing of mine as per provisions contained in clause (i) and (ii) of subparagraph (8) of fly ash notification issued vide SO 2804 (E) dated 3rd November, 2009 as amended from time to time. Efforts shall be made to utilize gypsum generated from Flue Gas Desulfurization (FGD), if any, along with fly ash for external dump of overburden, backfilling of mines. Compliance report shall be submitted to Regional Office of MoEF&CC, CPCB and SPCB.
- v. Further, it may be ensured that as per the time schedule specified in mine closure plan it should remain live till the point of utilization. The topsoil shall temporarily be stored at earmarked site(s) only and shall not be kept unutilized. The top soil shall be used for land reclamation and plantation purposes.

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Active OB dumps shall be stabilised with native grass species to prevent erosion and surface run off. The other overburden dumps shall be vegetated with native flora species. The excavated area shall be backfilled and afforested in line with the approved Mine Closure Plan. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.

vi. The project proponent shall make necessary alternative arrangements, if grazing land is involved in core zone, in consultation with the State government to provide alternate areas for livestock grazing, if any. In this context, the project proponent shall implement the directions of Hon'ble Supreme Court with regard to acquiring grazing land.

VIII. Green Belt:

- i. The project proponent shall take all precautionary measures during rmnmg operation for conservation and protection of endangered/endemic flora/fauna, if any, spotted/reported in the study area. The Action plan in this regard, if any, shall be prepared and implemented in consultation with the State Forest and Wildlife Department.
- ii. Greenbelt consisting of 3-tier plantation of width not less than 7.5 m shall be developed all along the mine lease area as soon as possible. The green belt comprising a mix of native species (endemic species should be given priority) shall be developed all along the major approach! coal transportation roads..

IX. Public hearing and Human health issues:

- Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored weekly. The report on the same shall be submitted to this ministry & it's RO on six- monthly basis.
- ii. The project proponent shall undertake occupational health survey for initial and periodical medical examination of the personnel engaged in the project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS circulars. Besides regular periodic health check-up, 20% of the personnel identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any, as amended time to time.
- Personnel (including outsoured employees) working in core zone shall wear protective respiratory devices and shall also be provided with adequate training and information on safety and health aspects.
- iv. Implementation of the action plan on the issues raised during the public hearing shall be ensured. The project proponent shall undertake all the tasks/measures as per the action plan submitted with budgetary provisions during the public hearing.

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Land oustees shall be compensated as per the norms laid down in the R&R policy of the company/State Government/Central Government, as applicable.

v. The project proponent shall follow the mitigation measures provided in this Ministry'S OM No.Z-11013/5712014-IA.11 (M) dated 29th October, 2014, titled 'Impact of mining activities on habitations-issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area.

X. Corporate Environment Responsibility:

- The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry / Regional Office along with the Six Monthly Compliance Report.
- Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.
- Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

XI. Miscellaneous:

i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.

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- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv. The project proponent shall monitor the criteria pollutants level namely; PM_{IO}, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii. The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of mining operations.
- viii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- ix. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- Concealing factual data or submission of false / fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiv. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.

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- xv. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
- xvi. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- xvii. Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

xviii. The Prescribed EC is valid as per Notification no. S.O. 1807(E) dated 12.04.2022 of MoEF & CC, Govt. of India.

Member Secretary

State Level Environment Impact
Assessment Authority, Jharkhand.

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- XV. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite information/monitoring reports.
- The above conditions shall be enforced, inter-alia under the provisions of the XVI. Water (Prevention & Control of Pollution) Act. 1974, the Air (Prevention & Control of Pollution) Act. 1981, the Environment (Protection) Act. 1986. Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- xvii. Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
- The Prescribed EC is valid as per Notification no. S.O. 1807(E) dated 12.04.2022 of XVIII. MoEF & CC, Govt, of India.

Sd/-

Ranchi, Date: 06/10/2023

Member Secretary State Level Environment Impact Assessment Authority, Jharkhand,

Memo No : EC/SEIAA/2023-24/2916/2023/ 309

Copy to:

- 1. Additional Chief Secretary, Department of Forests, Environment & Climate Change. Govt. of Jharkhand.
- 2. Deputy Commissioner, District Hazaribagh, Jharkhand.
- 3. Divisional Forest Officer, Hazaribagh West Forest Division, Hazaribagh, Jharkhand,
- 4. Divisional Forest Officer, Wildlife Division, Hazaribagh, Jharkhand.
- 5. Director IA Division, Monitoring Cell, MoEF and Climate Change, Indira Paryayaran Bhavan, Jorbag Road, Aligani, New Delhi - 110003.
- 6. Integrated Regional Office, Ranchi, Ministry of Environment, Forest and Climate Change, 2nd Floor, Jharkhand State Housing Board (HQ), Harmu Chowk, Ranchi, Jharkhand - 834002.
- 7. Member Secretary, Jharkhand State Pollution Control Board, Ranchi,
- 8. Secretary, Jharkhand State Expert Appraisal Committee, Ranchi,
- 9. Website.

10. Guard file.

Member Secretary 2022 State Level Environment Impact Assessment Authority, Jharkhand.
Signature Not Verified

Digitally signed by Shri Ashok Kumar, IFS

mber Secretary



Ref. No. NTPC/PB-NW/2024/ 306

UNDERTAKING

(No labour camp shall be established on the forest land)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that

"No labour camp shall be established on the forest land and the User Agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas."

For NTPC Ltd.

Date: 19.10.2024

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[Navin kumar]

Dy. GM (Envt. Mgmt.) PB & PB-NW CMP

NTPC Ltd.- Hazaribag

नवीन कुमार / NAVIN KUMAR उप महाप्रबंधक (धर्माक्क प्रवंधन) / DGM (ENVT. MGMT.) श्रुव्हेशीली लिक्टिंड/ NTPC Limited कोवला खन्न परियोजनाएं / COAL MINING PROJECTS इजारीबार्ग / Mazaribag

Date: 19.10.2024

UNDERTAKING

(layout plan of the mining plan/ proposal shall not be changed without the prior approval of the Central Government)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that

"The layout plan of the mining plan/ proposal shall not be changed without the prior approval of the Central Government and the forest land shall not be used for any purpose other than that specified in the proposal."

For NTPC Ltd.

[Navin kumar] Dy. GM (Envt. Mgmt.) PB & PB-NW CMP

NTPC Ltd.- Hazaribag

नदीन कुमार / NAVIN KUMAR एप महाप्रवेदक (पर्यावरण प्रायेगमे) / DGM (ENVT. MGMT.) एनटीमीली लिनिटेड / NTPC Limited कोयता समन परियोजनाएं / COAL MINING PROJECTS एजारीमान / Hazaribag Ref. No. NTPC/PB-NW/2024/ 30 €

UNDERTAKING

(The diverted forest land shall not be transferred to any other agency)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that

"The forest land proposed to be diverted shall not be transferred to any other agency, department or person without prior approval of the Central Government.

For NTPC Ltd.

Date: 19.10.2024

[Navin kumar] Dy. GM (Envt. Mgmt.)

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PB & PB-NW CMP

NTPC Ltd.- Hazaribag

नदीन कुमार / NAVIN KUMAR एव महाप्रवेदक (पर्वावरण प्रवेदन) / DGM (ENVT. MGMT.) एण्डीपीली निर्मिटेड / NTPC Limited कोवला चनन परिकेशनगरं/ COAL MINING PROJECTS

हजारीबान / Hazaribag

Date: 19.10.2024

UNDERTAKING

(Protection of Flora and Fauna)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that

"No damage to the flora and fauna of the adjoining area shall be caused."

For NTPC Ltd.

[Navin kumar]
Dy. GM (Envt. Mgmt.)
PB & PB-NW CMP
NTPC Ltd.- Hazaribag
नवीन कुमार / NAVIN KUMAR
उन ग्रास्टेबाड (पर्यास्त प्राचेन) / DGM (ENVT. MGMT.)
हम्हरीवित स्मिन्य और (COAL MINING PROJECTS

हजारीबान / Hazaribag

Date: 19.10.2024

Ref. No. NTPC/PB-NW/2024/310

UNDERTAKING

(Annual Self-compliance Report)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that

"NTPC shall ensure that the annual self-compliance is submitted to the State Government, Regional Office and MoEF&CC.."

For NTPC Ltd.

[Navin kumar]
Dy. GM (Envt. Mgmt.)
PB & PB-NW CMP
NTPC Ltd.- Hazaribag,

नवीन कुमार / NAVIN KUMAR एव महाप्रवेचक (पर्वटरण प्रवेपन) / DGM (ENVT. MGMT.) एनटेमीली लिम्प्टेड/ NTPC Limited कोबाल सनम परिवोजनाए / COAL MINING PROJECTS हजारीबाग / Hazaribag

UNDERTAKING

(Conservation, protection and development of forests & wildlife.)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that

"NTPC shall abide by any other condition that the concerned Regional Office of MoEF&CC may stipulate with the approval of competent authority in the interest of conservation, protection and development of forests & wildlife.."

For NTPC Ltd.

Date: 19.10.2024

[Navin kumar] Dy. GM (Envt. Mgmt.) PB & PB-NW CMP NTPC Ltd.- Hazaribag, नवीन कुमार / NAVIN KUMAR वय महाप्रशंधक (पर्धावरण प्रशंधन) / DGM (ENVT. MGMT.) एनटीबीबी सिनिटेड/ NTPC Limited

खोवता क्षनन परियोजनाएं। COAL MINING PROJECTS हजारीबाग / Hazaribag

Date: 19.10.2024

Ref. No. NTPC/PB-NW/2024/ 3/2

UNDERTAKING

(Compliance to provisions of all Acts, Rules, Regulations, Guidelines.)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that

"NTPC shall comply with the provisions of all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and NGT Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project."

For NTPC Ltd.

[Navin kumar]

Dy. GM (Envt. Mgmt.) PB & PB-NW CMP

· NTPC Ltd.- Hazaribag[,] नवीन कुमार / NAVIN KUMAR

एव महाउद्येक (पर्यातम प्रशंदन) / DGM (ENVT. MGMT.) (न्नटीपीडी सिमिटेड/ MTPC Limited कोवल सनन परिवेकनार्/ COAL MINING PROJECTS हजारीबाग / Hazaribag

Date: 19.10.2024

UNDERTAKING

(violation of Forest (Conservation) Act, 1980)

I, Shri Navin Kumar, Dy. General Manager (Envt. Mgmt.) PB & PB-NW CMP, by virtue of powers delegated to me by NTPC Limited, New Delhi, do hereby affirm on behalf of the company that

"Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as prescribed in para 1.21 of Chapter 1 of the Handbook of comprehensive guidelines of Forest (Conservation) Act, 1980 as issued by this Ministry's letter No. 5-2/2017-FC dated 28.03.2019."

For NTPC Ltd.

[Navin kumar]

Dy. GM (Envt. Mgmt.) PB & PB-NW CMP

NTPC Ltd.- Hazaribag नियान कुमार / NAVIN KUMAR व्य महायांकक (पर्वावरण प्रमंत्रम) / DGM (ENVT. MGMT.) इन्योगीक विभिन्न / NTPC Limited कोवला सन्तर परिच नगरें/ COAL MINING PROJECTS

हजारीबाम / Hazaribag

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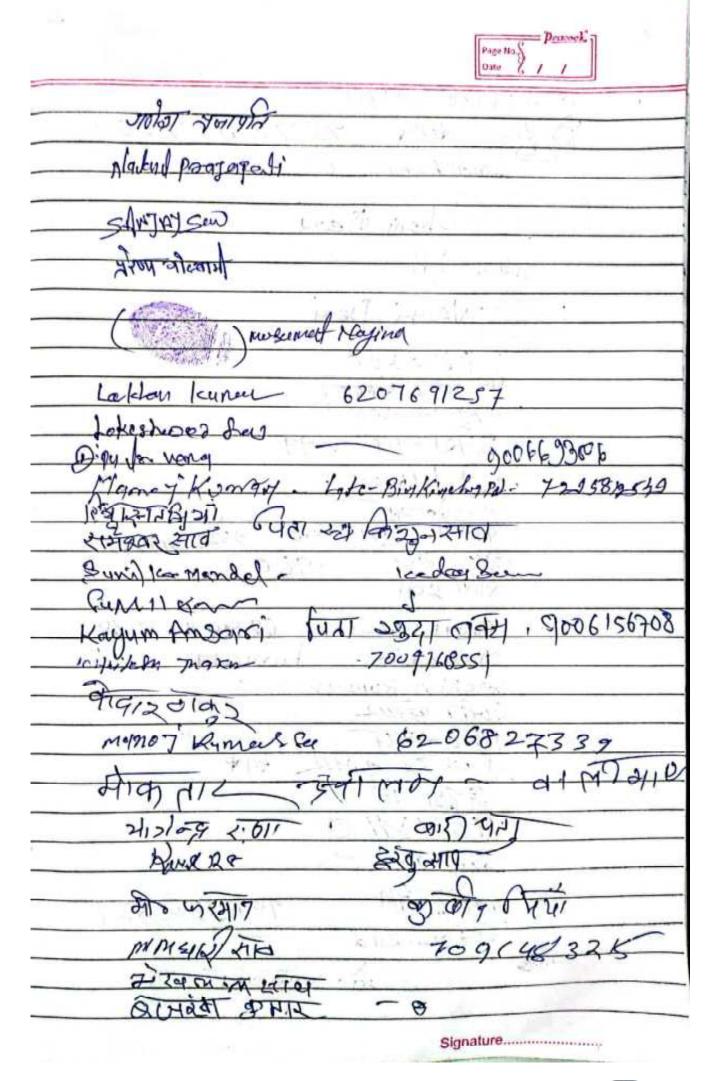
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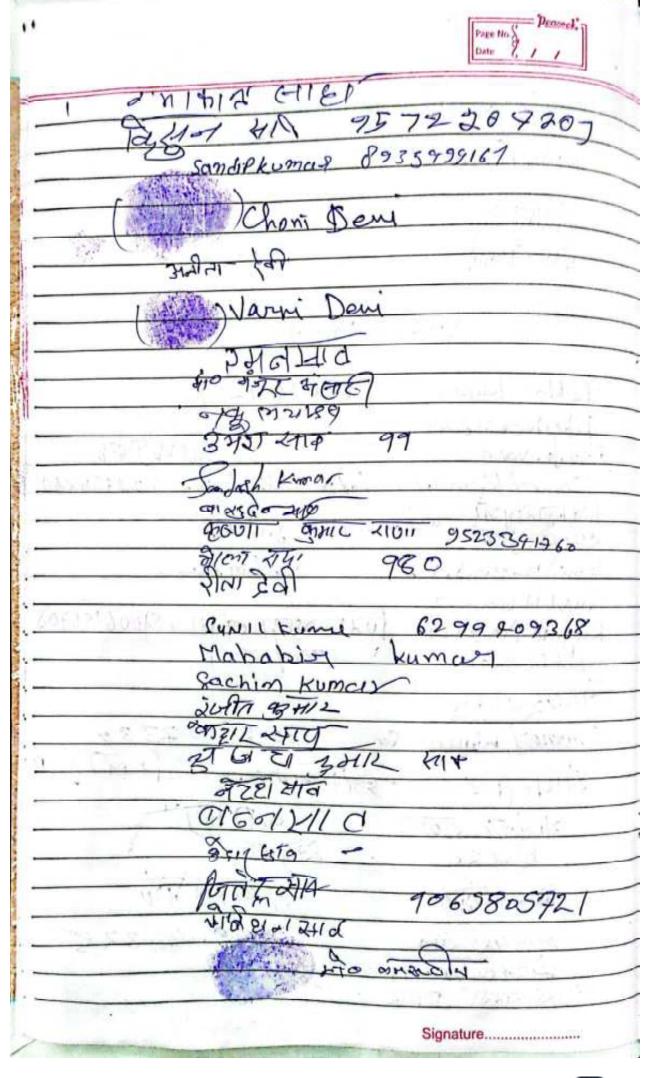
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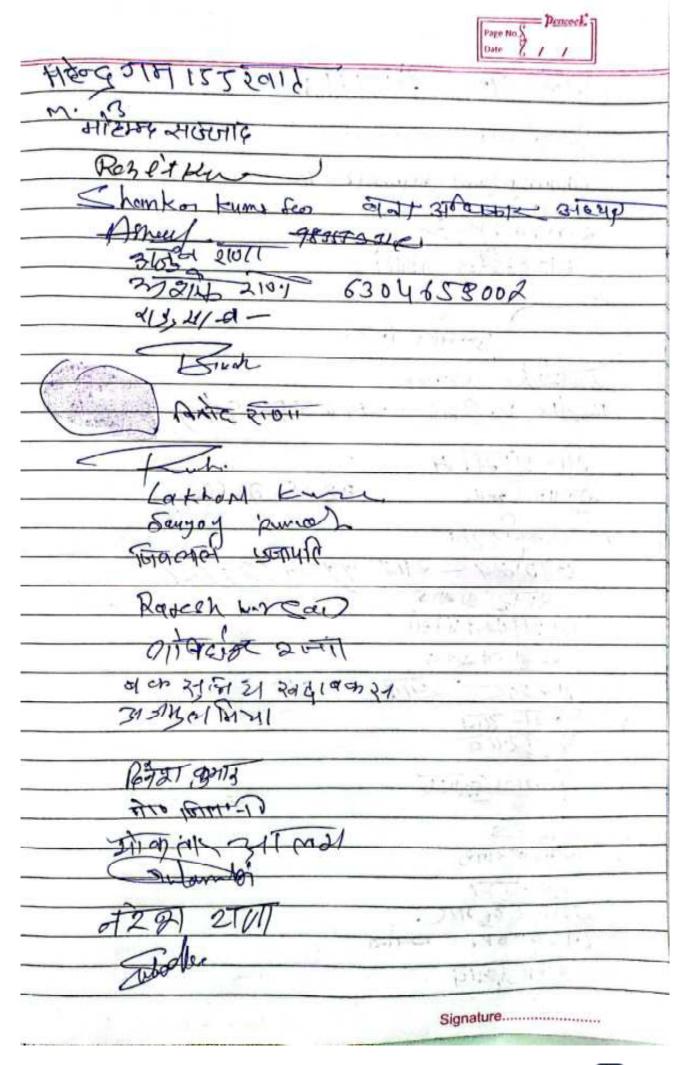
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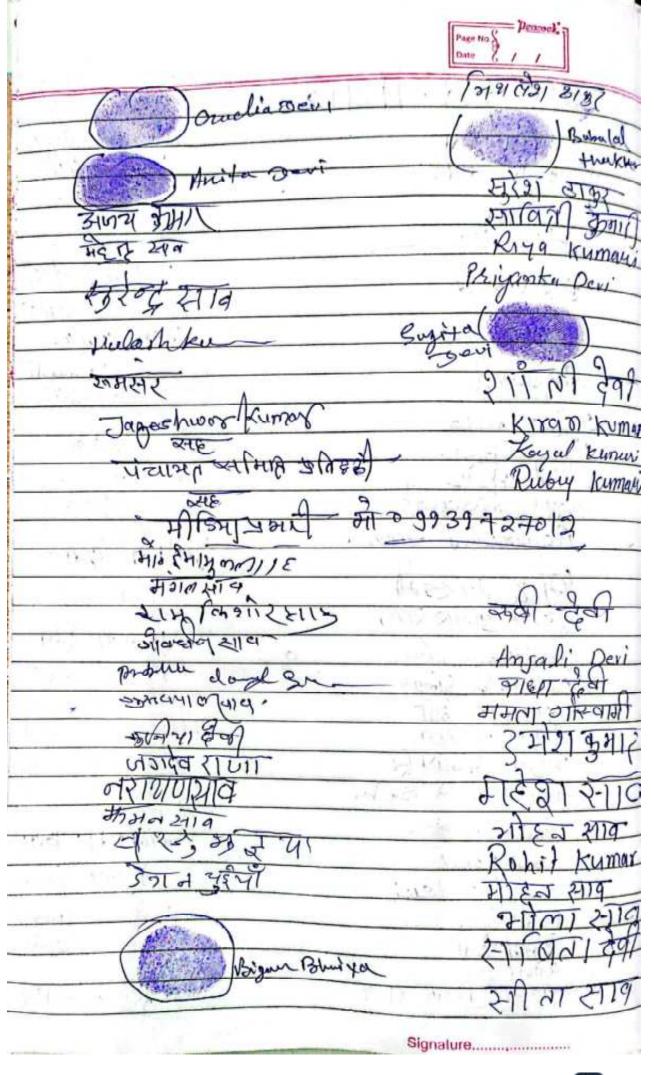


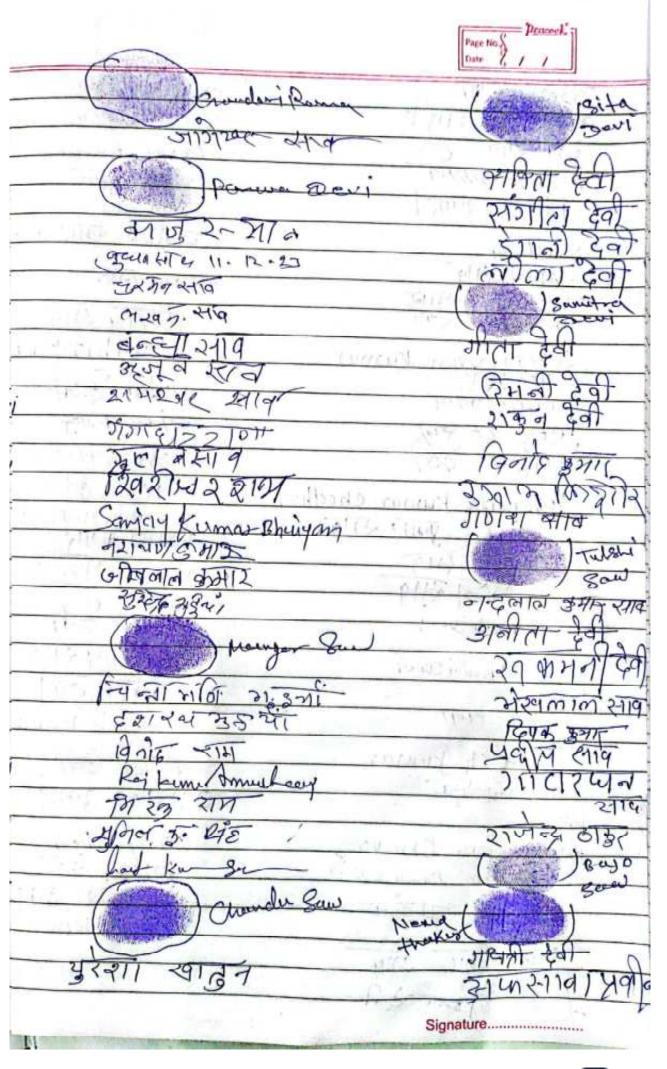


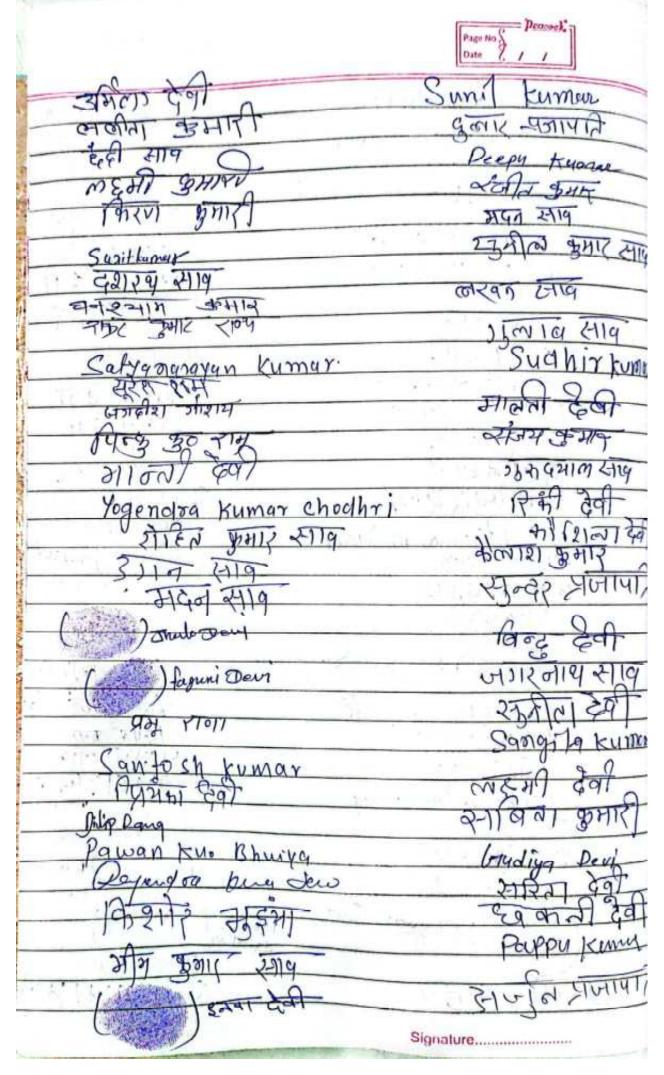


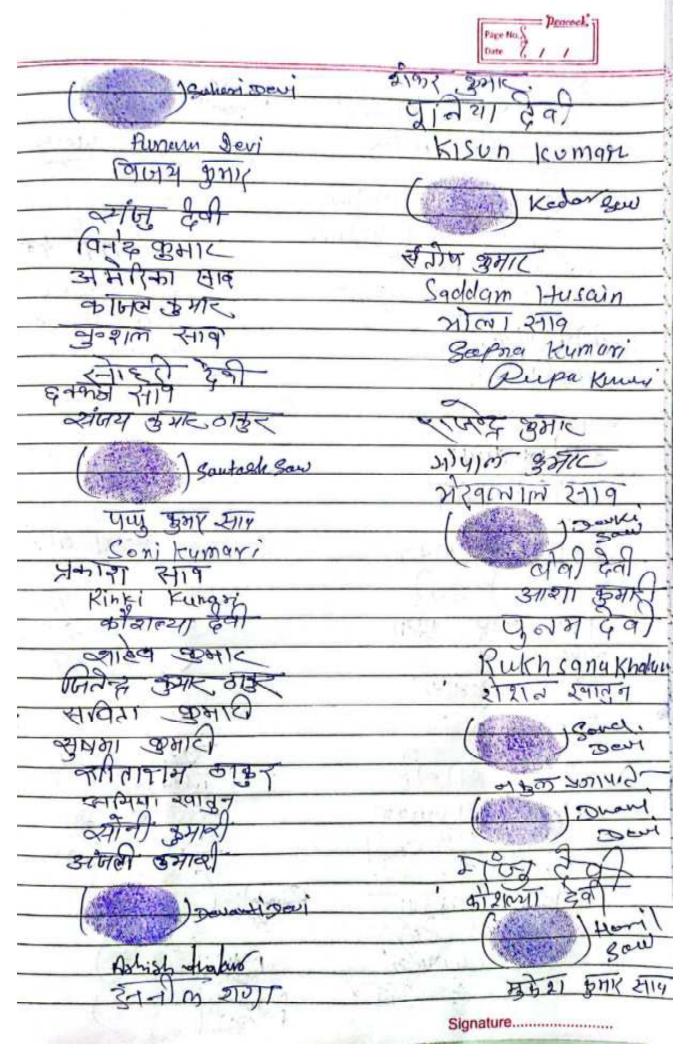
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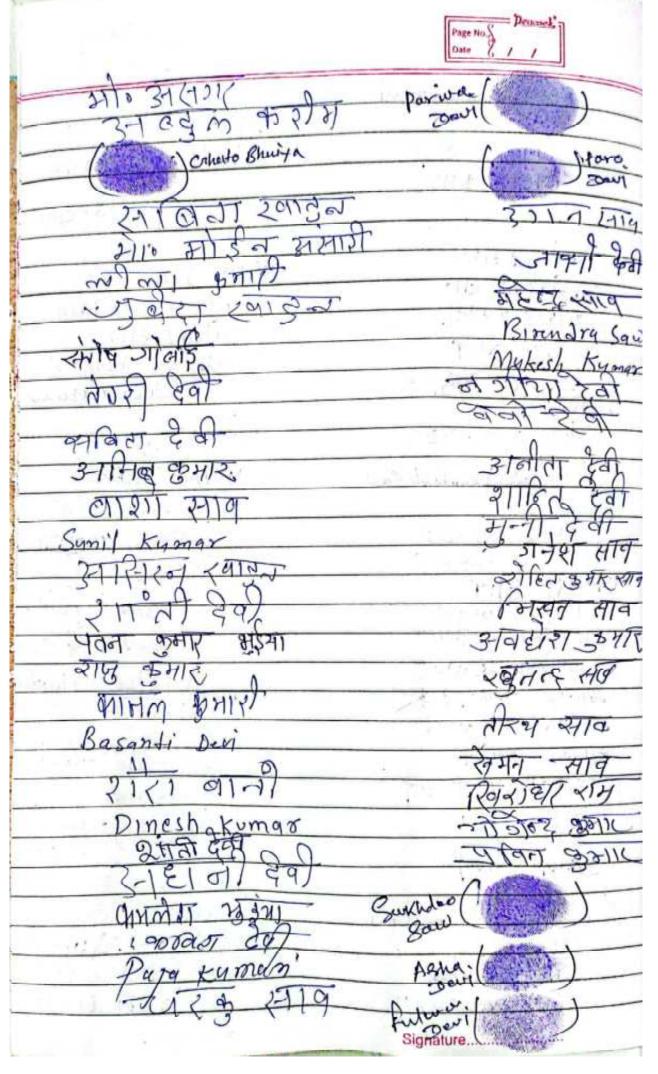
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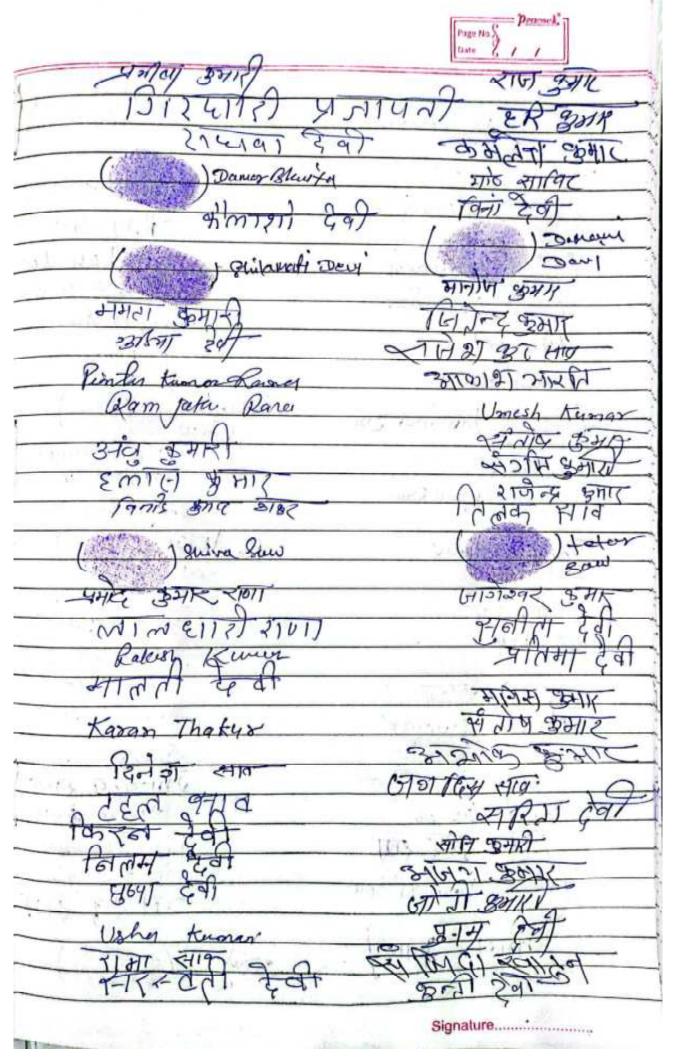


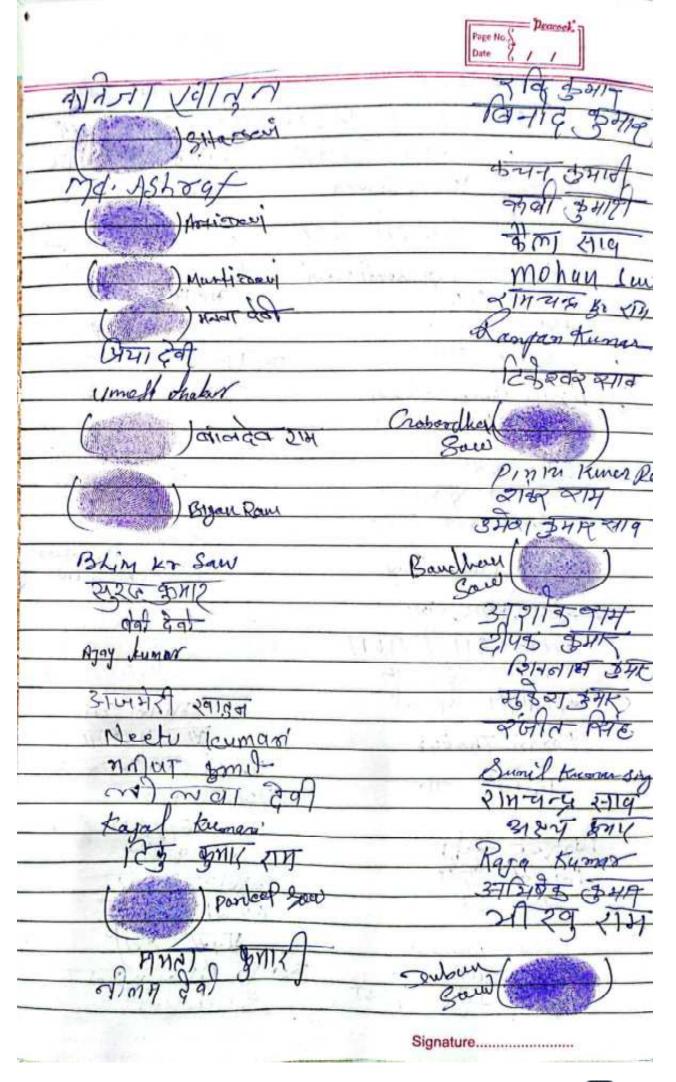


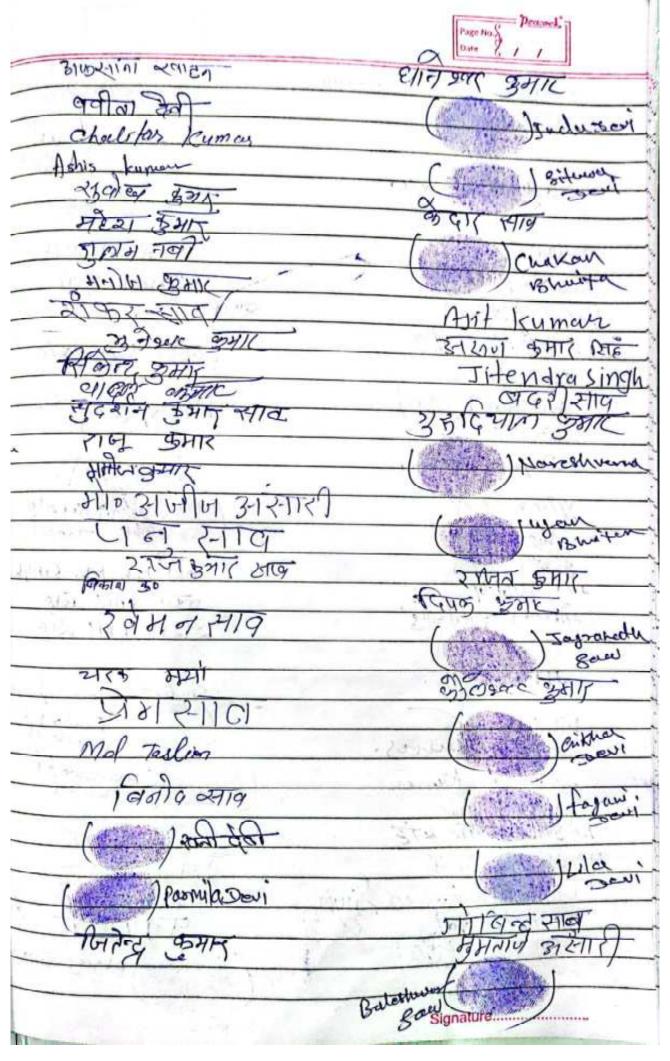




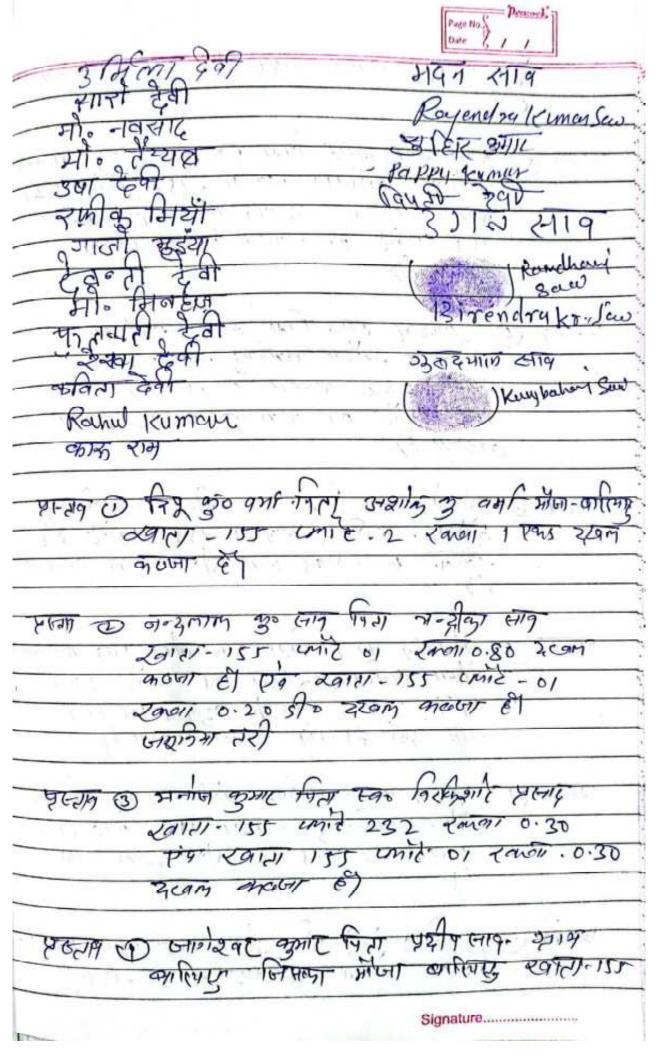




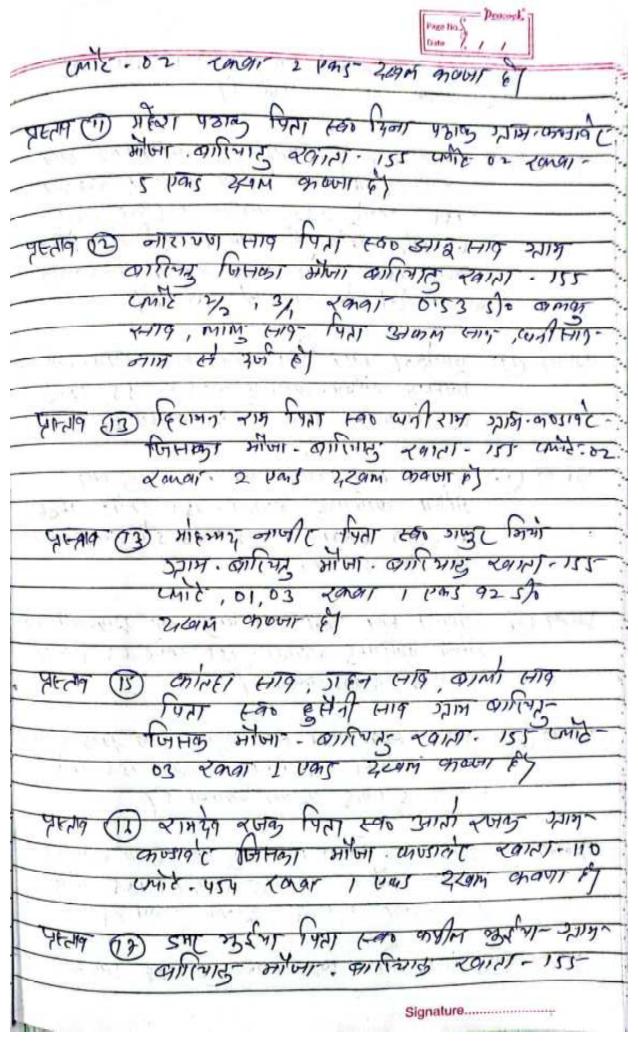




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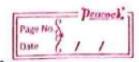


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Page No. S Date जुहरान उर हितनरायना सिंह पिता ज्यातील पिंह क्याम-कारिय 20121-151 Mile: 232 Karai 10 Gans व्यवणा है। राभकान्त युर्ग पिता जासन अर्रेग ज्ञान कारिगद 20141-15 cmit . 232 karon 4 (24) 2614 कावजा ही कि विनाम युमार राम राम राम राम नाम-कारिमात 20141 - 152 mil- 1686 KNOW 6 GAS 260M वावणा ही पृत्ति ली वालेश्वर साव प्रिता जात्रीता साव प्राम-वारिगाड 29141.155 MIE. 232 (9011 10 1915 2/914 moult क्षिक कुमार लाव पिता हर यथाल लाव ज्याम -कारियाह Caroll 5 Pags unit -2 20141.155 Chaur El नेतरी रेवी परि Moz साव आग - वारिपाद स्वारा-155 mic 232 cohai, 10 pag 46m on 441 419, 22 MIM 419 2217 011(413 29121-122 mig - 04 soul MIMI येवी पार अमीट लाह के नाभ स प्रस्ताविष्ठ वन्यु सावा, नान्त्रका सावा, विलीप, साव प्रिम रम्बर के मामामा साव ज्याम कारिया के भीजा -20121-155 Mic. 232, 2 2001 Signature.....



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प्रस्ताव की केंद्राट साव ग्राम-कारियां की भोजा कारियांड रकामा - 155 लॉर्ड 232, 2,1 रकाजा पर्यक्र 0.60 डीक खंडबम कार्क्या है)

प्रस्तान कि राममाजन सिंह निमा दिस्मरामाण विंह माम-कारिगढ़ मीज खारिगढ़ खर्मा - 155 प्लॉह-प् रक्का 10 एमड प्रकल करणा ही

पट्मान प्रक्ष अन्योरी साम पिता पुरतु साम स्मार्गाम-कारिपादु रवामा - 155 प्रमार - 2 रक्तवा 3 एमाड

प्रस्ताव खन उमिन कुमार मिंह पिता धर्मेश्वर खिंह क्राम-कारियात स्वाता-155 प्यारे 1/2 स्वावा 10 एक्टु

प्रस्ताव क्रिक्गा साव पिता सुरवरेव साव ज्ञाभ - क्रारिकार्युः रकाता - 155 प्रमाट - 2 रक्षाम 5 एकड यखना कर्मा है

प्रस्ताव की क्षेत्रट कुमार जेताम-कारियाद क्षेत्रा - 155 प्लॉह- 2/3, 2/2 रक्षा । एकड ०.50 डी० जो अकल साव पिता हिरा छाव के नाम से दर्ज हो

प्रकार प्राथित कार्या कार्या कार्या के नाम भी दर्भ हो

प्रस्थाव (3) वनीवी साव पठाठ ज्याम- कारियाद रहारा-155

Signature.....

वस्तान एप किया प्रजापित वर्षे प्रमा कुद्ध प्रजापित ग्राम कारियान 20171-155 (MZ- 232 RONO) 0.60 (ans 220M व्यवजा हो प्रतान कि कारका साम खर यसन सान पिता बन्धु साव मात्र anitury 2017 155 ME 2 Cough 5 Page ZIAM CHOWN ET प्रहावल्क सुदेश साव पिरा गमन साव ग्राम-कारिपाट् रवाता. ISS CMIE 2 ZONAI 4 LONG YEAR OSCUT पृस्ताव अभी भी मेर साव पिता निन्द्य साव उराम कारिपाद 29171-155 MIE 1/2 RONAI 8 CONS 4 COM कावपा ही क्रमाम (8) सुनील महल पिता के दार जाव अगम - व्यात्मातु 20171-155 MIE 1/2 20191 8 PMS EXOM CHOWIT &1 प्रस्ताव (5) विनोद कु सिंह पिता हितनरायण सिंह साम-OIR - 20121 - 155 ME 1686 20001-8 years 4 and asour es कि कन्ध अर्ग प्रिंग रैत्रा रहिंग क्राम- बारियान 29171-155 MIZ 1686 SONOT 3 PMS: देखल कवणा ही प्रस्तावक्ति सुमाप मंडल पिता वन्यु पाव भाम- बारिचादु 2017- 155 MIE. 232 YOUT 4 PMS 3 cam grown &

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Peacoel Page No. वृहराव (मेर्ड) जागेश्वर साव प्रिया वर्काल साव उनाम - कारिनाह 2017-155 ME. 4 KOW 2 PAG 30M क्या ही किश्रम साव , भाषा साव पिता क्षेत्राल साव ज्याम - वर्गासात. रवाता -155 Mi E. 3 रवावा 24m कावजी है) एन भरेश मान, निया क्रीमल साव काया-155 प्लोट Lang 6 Kas scam aroun देव साव पिता वानांधी साल ज्ञाम- कारिपाद 2017 - 155 CME. 3 COUNT 2 DONG ZEM क्यणा है ष्ट्रहराव (81) सूरेश राभ पिता परावी राभ जनाम-कारियाट 29121 - 155 CME - YZ YOUT 2 DOUS ZOM chant et अगिका पिंह पिता अधामनावक्का सिंह जान allting tail . 155 mile 232 town एकड ययम अवन है। प्रसाव 83 स्वाजेस्बर छिट , माजेस्बर छिट विमा देव प्रसाद सिंह उनाम - कालामु रबामा - 155 प्लीट प Const 10 Pars 2 CAM CHUNT ET प्रध्माव (89) विश्वार राणा मेप ज्ञाम - वार्गामा रकाता 155 cm/E. 1686 63 rain 0.63 500 with व्यत्र रामा के नाम ले इस ह 2 (410, 82) trym - 04/415 - 122 MIE- 5/1"1/88 232 Kana1 4.81 WI -1141 1441 2/2,3/1 Signature.....

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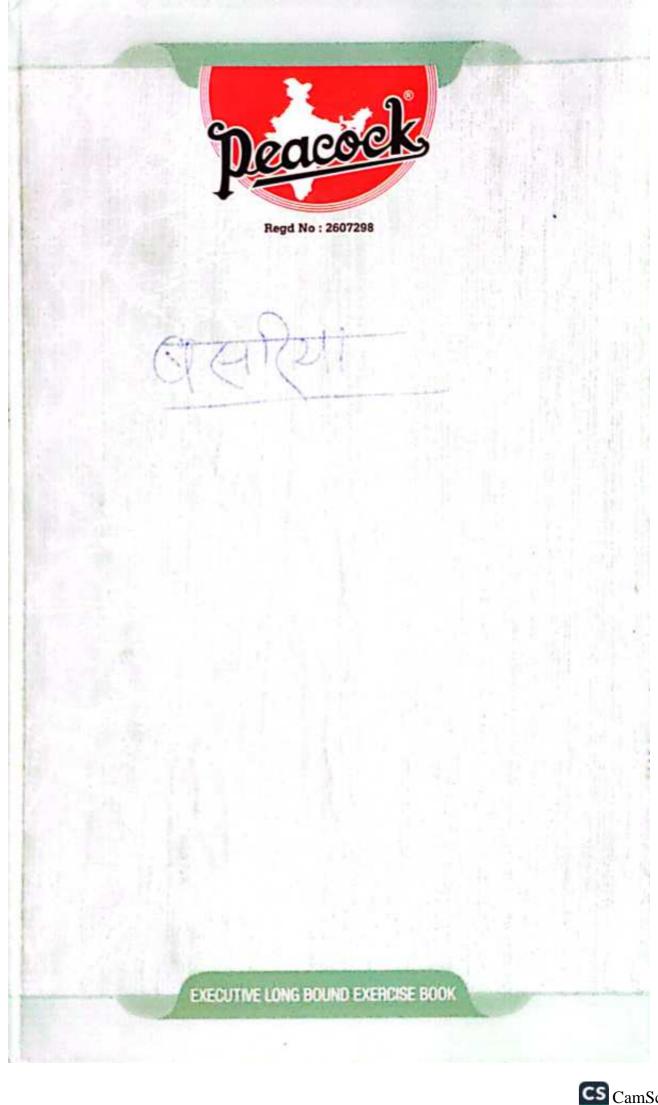
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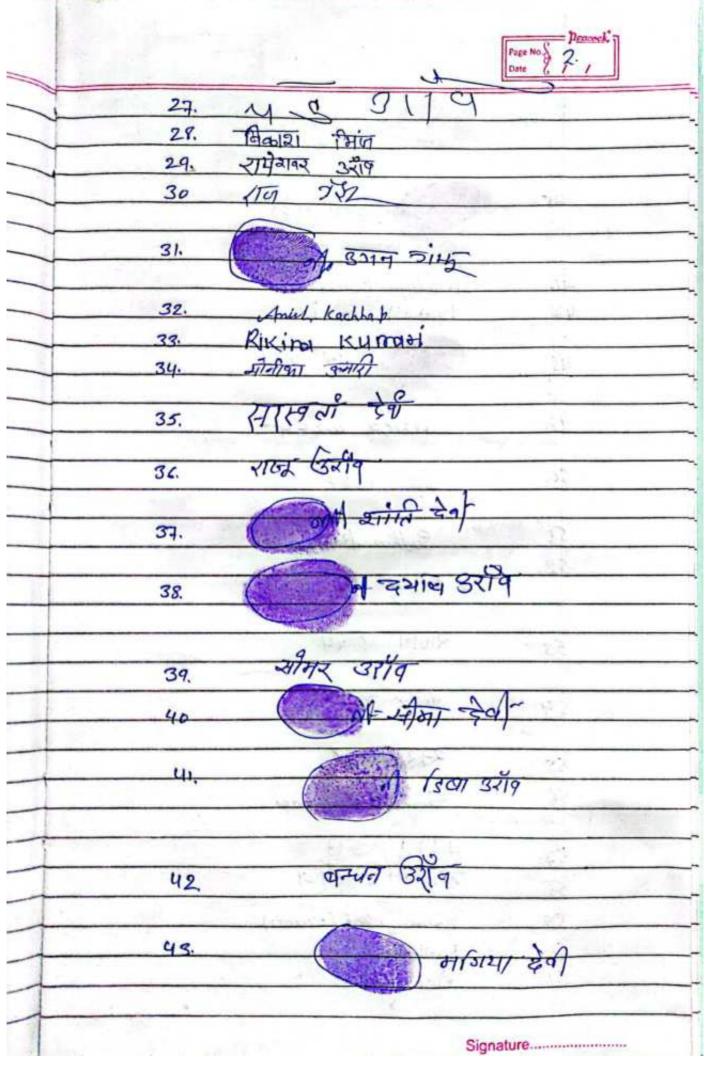


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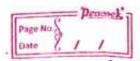
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सुरेश गंम अपना जमीन का विवरण दे रहे हैं। रवाता सं० 05 टलॉट सं० 27 रक्सा 96 डी हैं, रमन गंम इनमन गंमू सरज्ज गंमू के वाला हासिल हैं।

जा अभा खसरिया द्धाल हरीष, पतु हरीष अधना जमीन का 199(ण दे रहे हैं। खाना सैठ ड एलॉट सं० 27 २०वा 96 डी० सोमर हरीष कैवावा हासिल हैं।

अस तिथि भे सभी 18 वर्ष के युवान २०१म् युवानां को एकम परिवार की दर्जा दिया जाए।

र ठीरमजुरवा, वानास जमीन की रैयमी समतुल्य राश्चि दिया जारु।

मा 18 वर्ष से 50 वर्ष तक के विस्थायित परिवार शिक्त युवं औरशिसित मिहिला - पुत्त स की नीकरी ज्वॉनिंग समाण पत्र के साथ विधा जाए।

आ कम्पनी के द्वारा हमलीगी की विस्थापित किया जाएगा उसी तिथि को ही विस्थापन प्रमाण प्रमु दिया जाए।

<u>प्राा</u> विकलांश व्यक्ति जो रीजगार करने से असमर्घ है. उसके विष जीवन न्जलाने का व्यवस्था किया जाए।

x रमिं पीक्सी के द्वारा जो पैंग्रम विद्या जा रहा है। महंगाई को देखते हुए पेंग्रम की खड़ीतरी किया जि

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अधिक अधिकति

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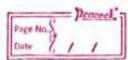
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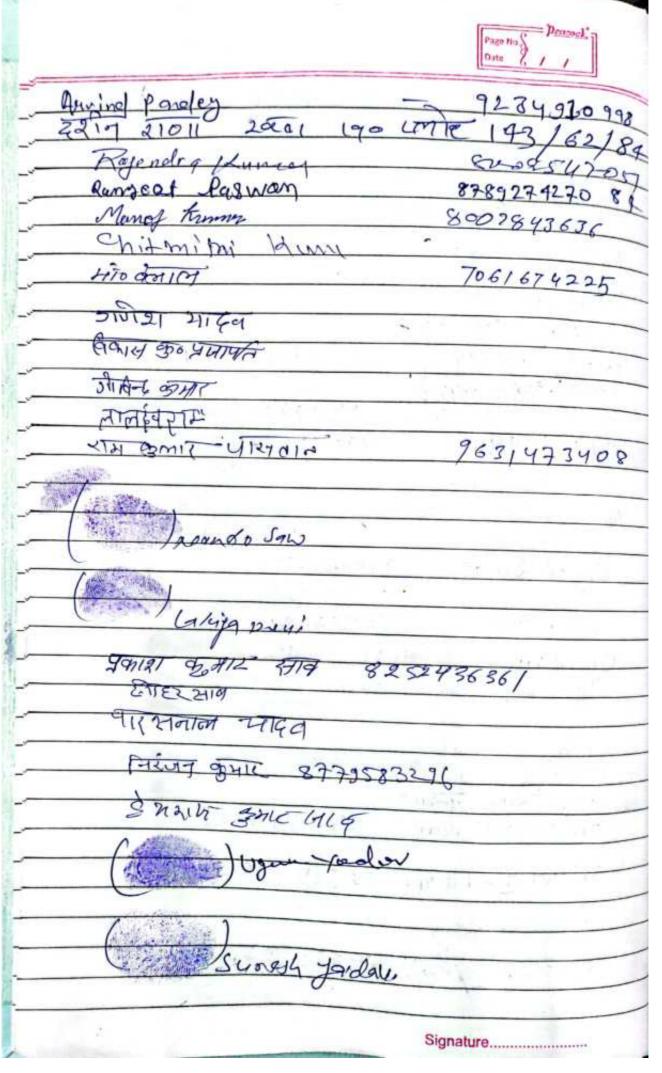
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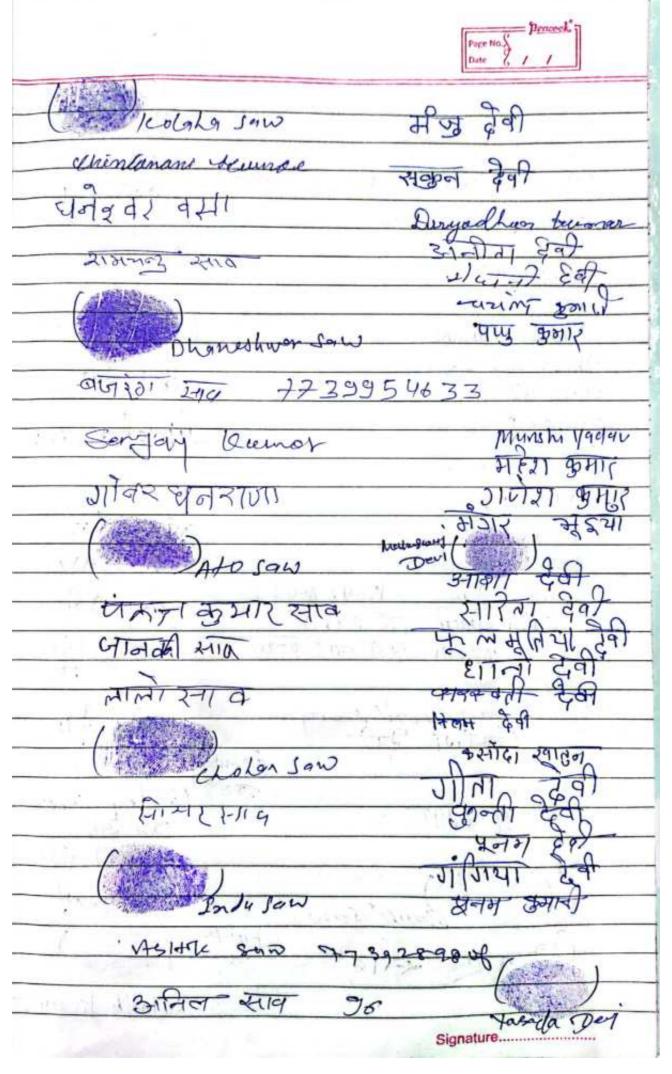
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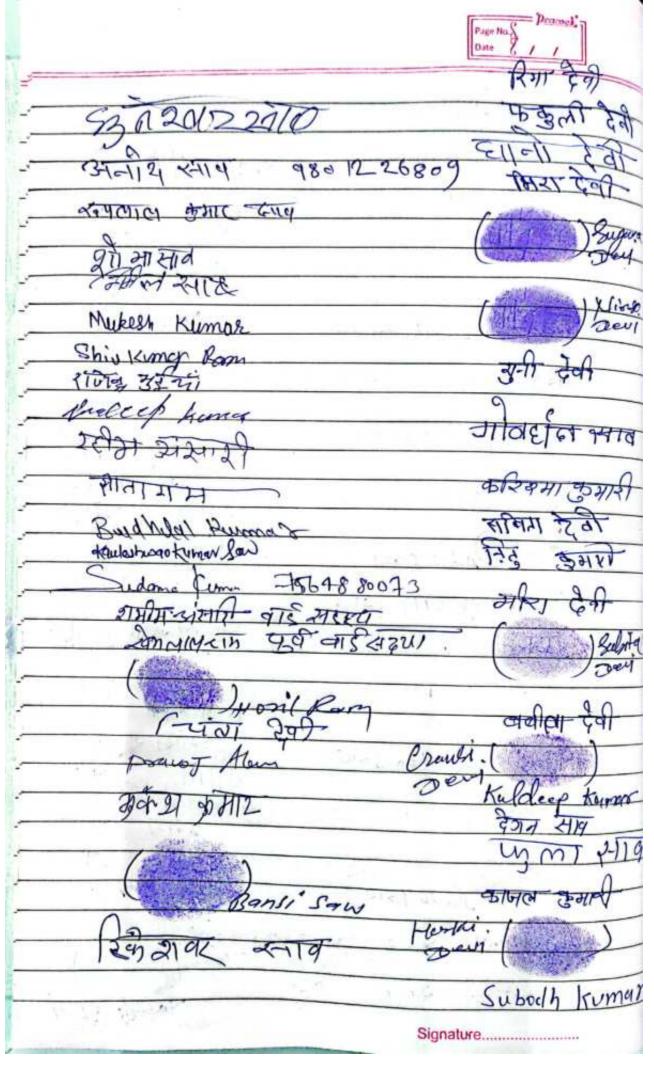


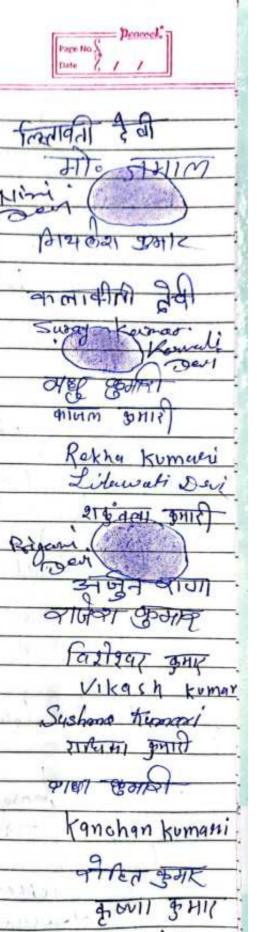
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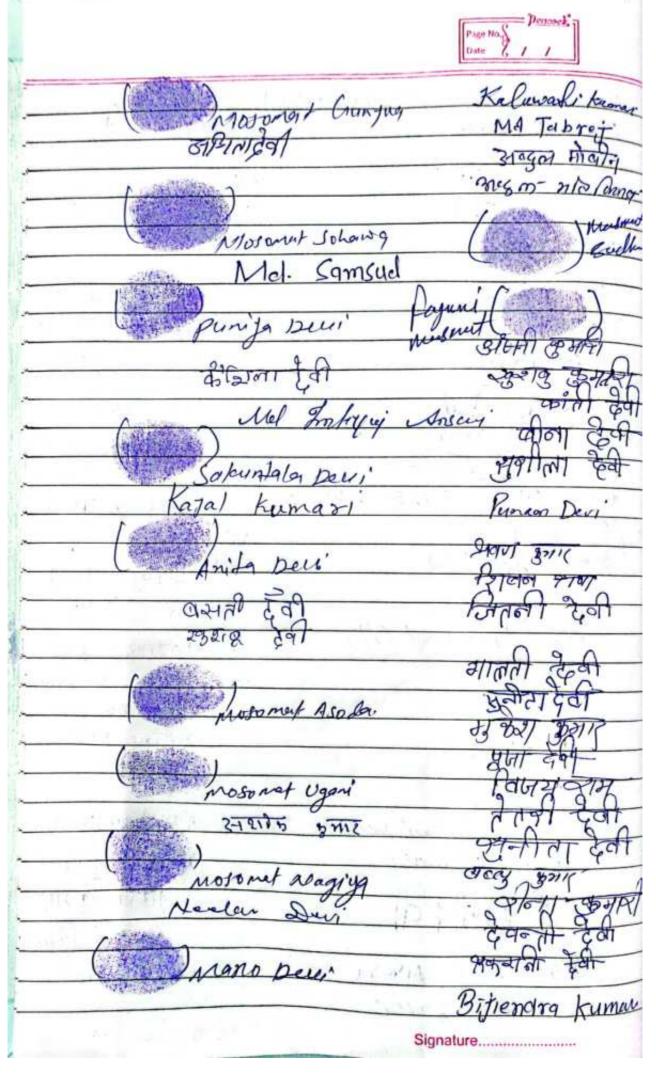


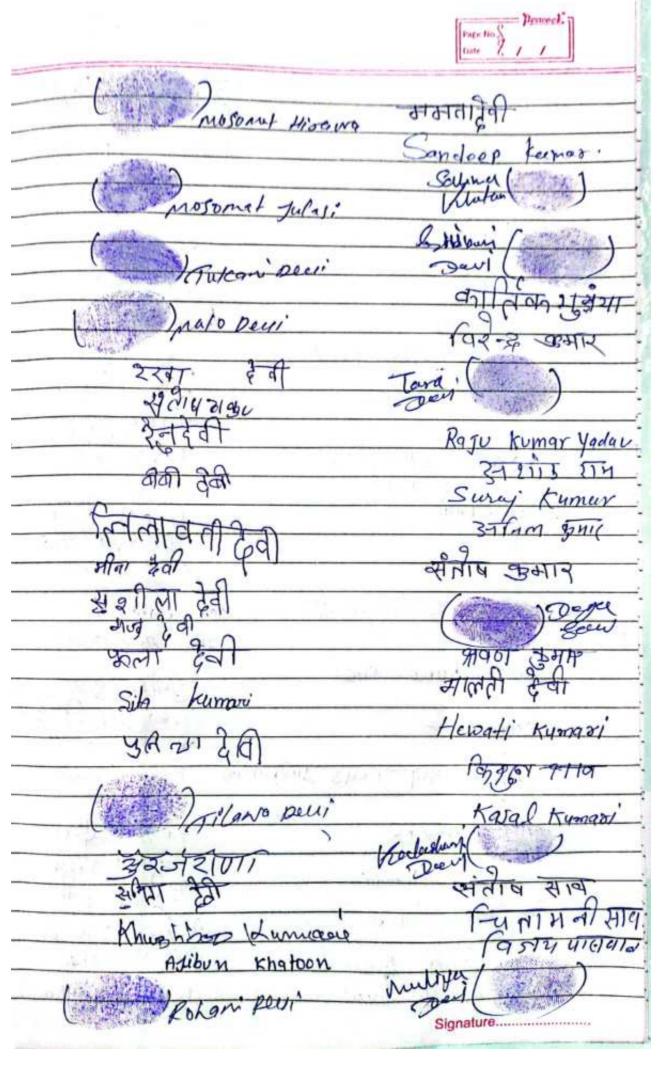




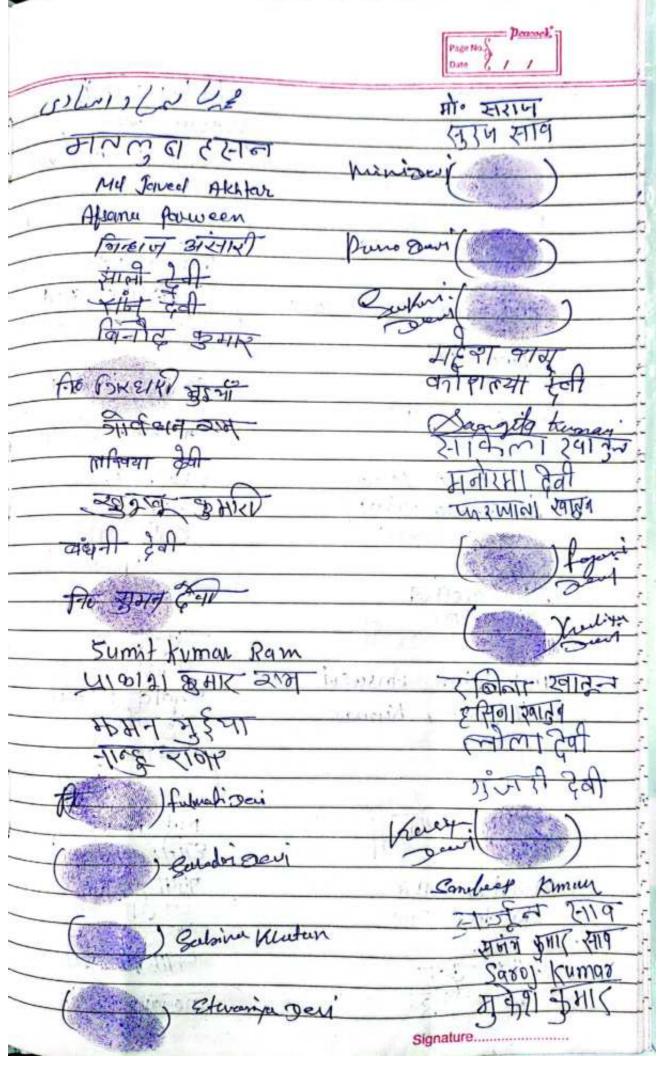


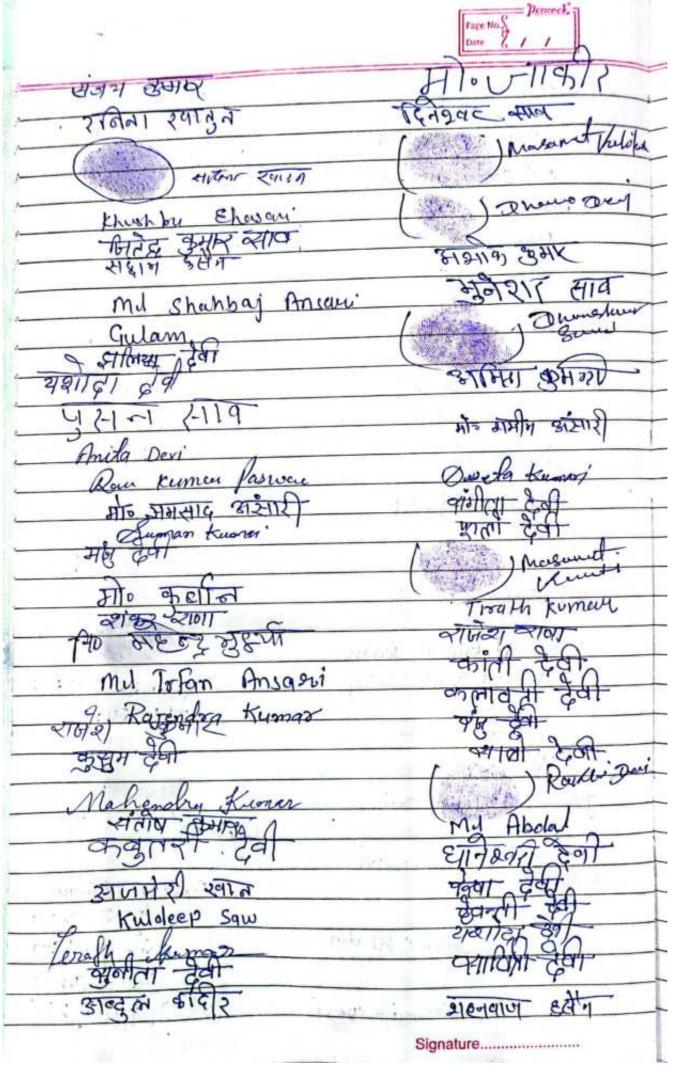
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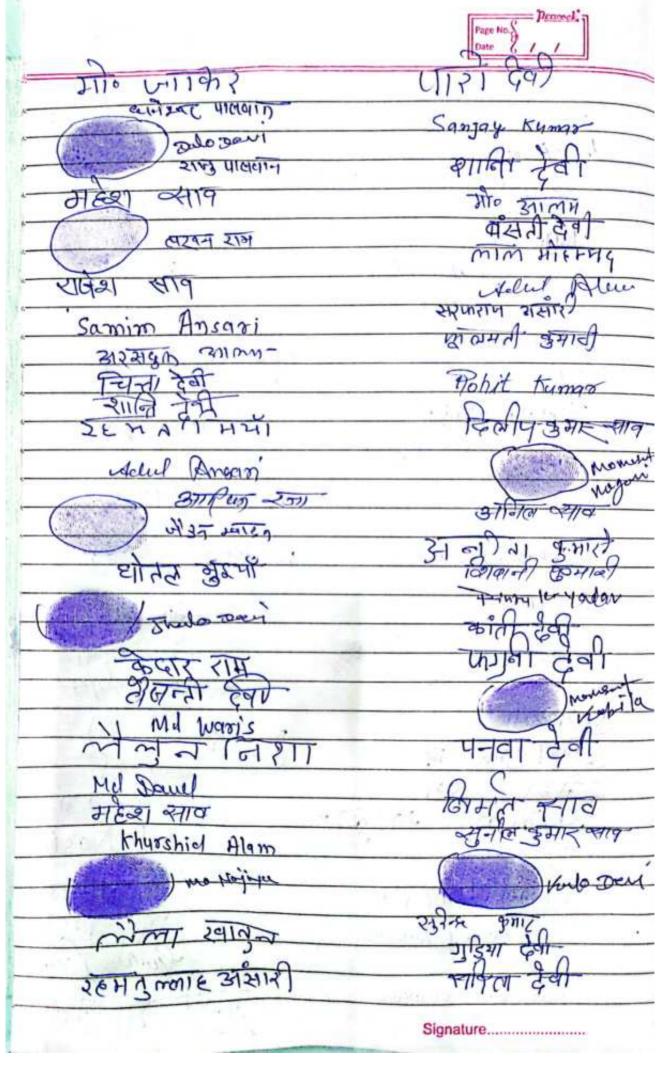


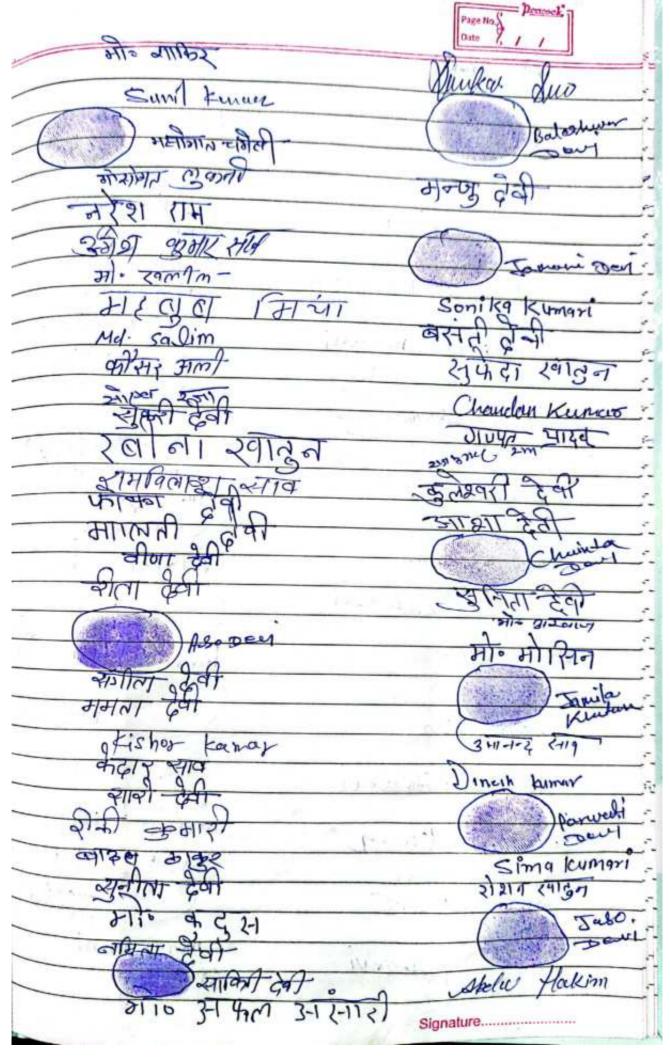
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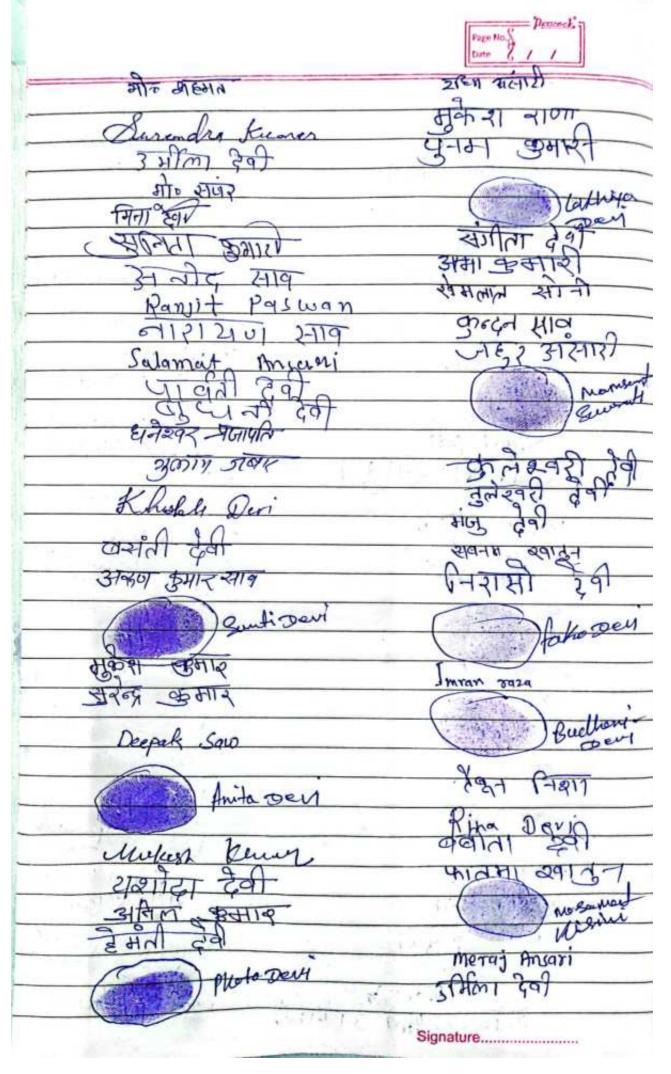




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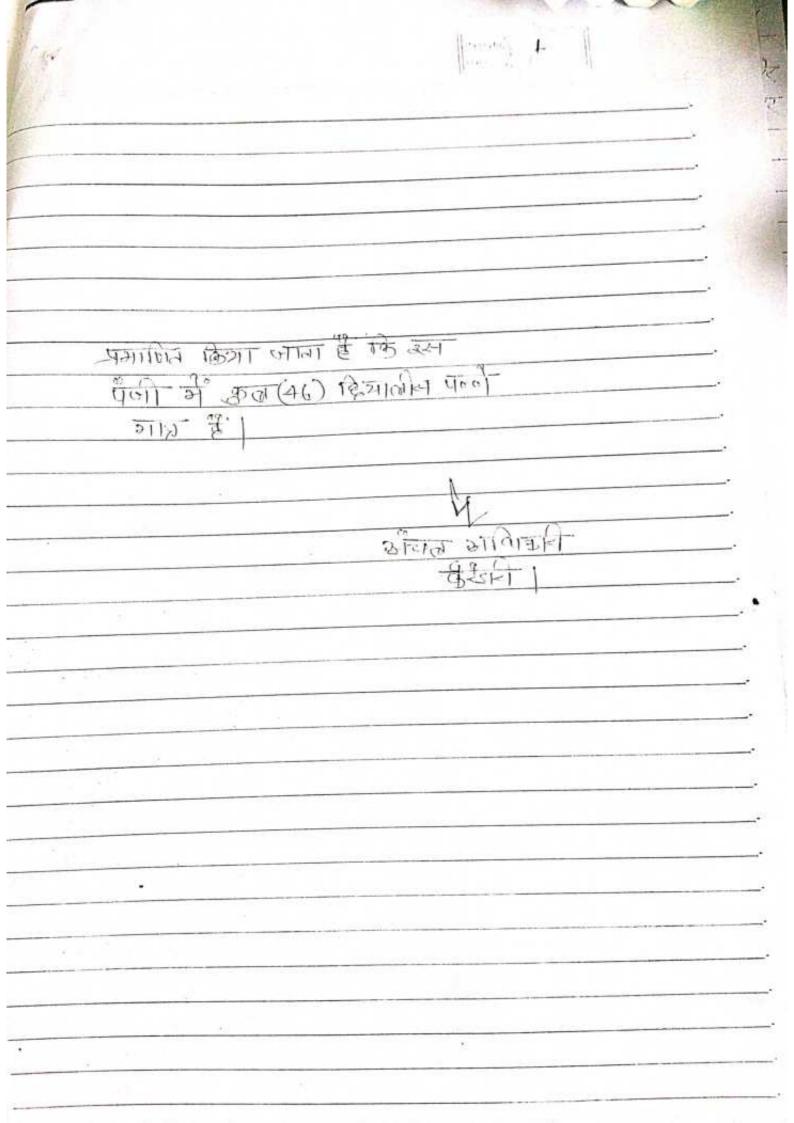
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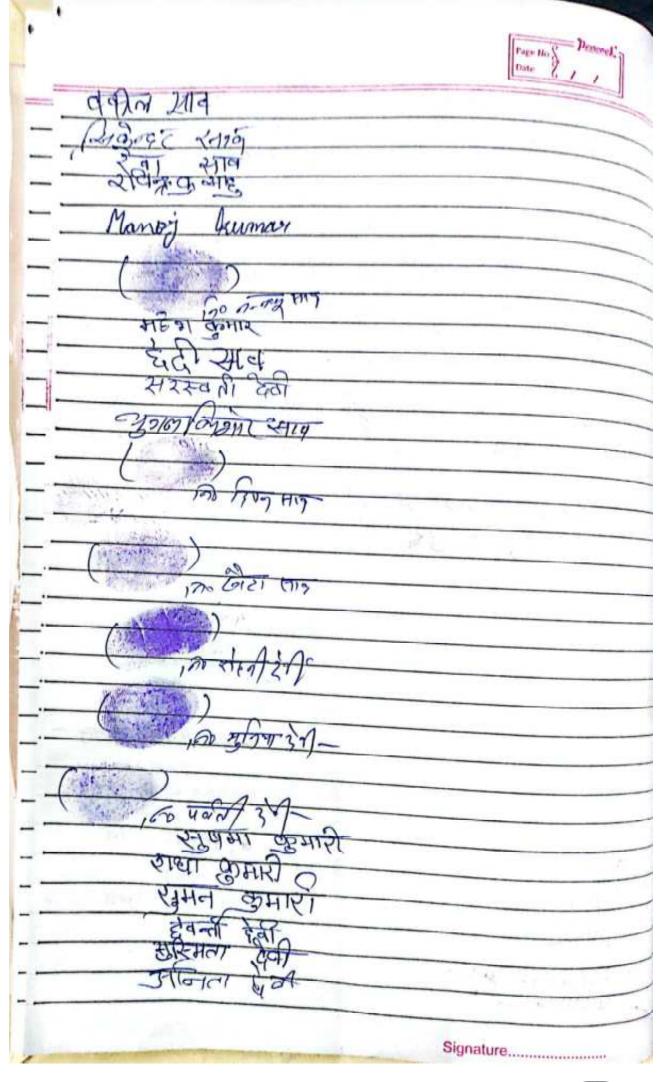
y (A19 Holl) atend of 4 H agustia cold Ho 190 call to 58 (mai 300 pas 41 4 exide पुस्ताव मंग् (1) नामन रामि प्रारंत कामर्याम रकामा संग 190 will no 842mai 3.00 ((40 m) E) 17 (4) Pany 214 1921 01291 214 20141 60 190 Late 90 143 29 07 3:00 (915 47 3:00 E Stalati(15) ANNOW OF 2 PO PONI ANNOH 2011/10/90 call do 14329 at 2.00 pas H 30000) STAIR FOOD MEAT GIHAIT FOR DAWINGUINGIN 2912/ FTO 190 cole no 62 (0001 . 2.00 (95 H 30 ME (मि) आम्सा स्मातुन दिता स्व-अष्णा कियाँ। 190 रतीर नण्याद अवन 2.000 द्वार मे 319 € अस्ताव मंगिष्ठ प्रवीण कुमार गुप्ता विता तरेया साव अति 190 प्लीर कण 143 अलका 200 एका में रखन है अ(माव (10 (19) मिस में कुमार साम प्रिमां हुलार साव 20141 190 प्लीर ना 58 (कवा 2.00 एकड़ में रिएस है अ(मान लंबिक) आहे देनी पति अध्यन सान स्वामा 090 190 lait on 84 2001 3.00 (as H 319 cm E) प्रस्ताव (में कि) सिनाराम रागा विसा मुंजीरागा 241 di 110 190 coll 070 143 200 01 3.00 pas 4 3000 Signature.....

Page No. S THAIR HOU (22) PONT MENT PINT HIS 2011/ Ho 190 vall 10 58 2mal 200 453 18100 (10 (23) पुलिया देवी प्रति का गुन वान 2011 Ho 190 vale 010 84 2001 2:00 pas A 7(419. (10 (24) Agai. HIO HAI 23 of Alla A पात स्वामा से 84 190 con र सं 84 रकता 200 haz 4 1000 5) अस्ताव मं कि नहल पार्व मिना स्वव्याली पादव काता संव 190 प्लीट नव 84, 58.143 अन्तर 8.56 (वड में का गमान बन्दा बानी ३4की प्रस्तान र्संग् (27) हैमराज कु मार सार पिता विद्युन साम द्वाता 190 प्लीट संग् 58, 143 स्माना 5:50 एकड वालरेड माह कर मध्या माड करी के नाम से 'काण्यात दर्ज हैं। अस्माव मिर्छि नेमा कुमार साव विता वालेश्वर सान, सु पामा कुमार मिला जार्गिय साम खारा दुश्वन साय के गाम से रर्ज संचित्र मीलम देवी स्वाता संचाप वो नीयुन छंडी के नाम ही दर्जे Signature.....

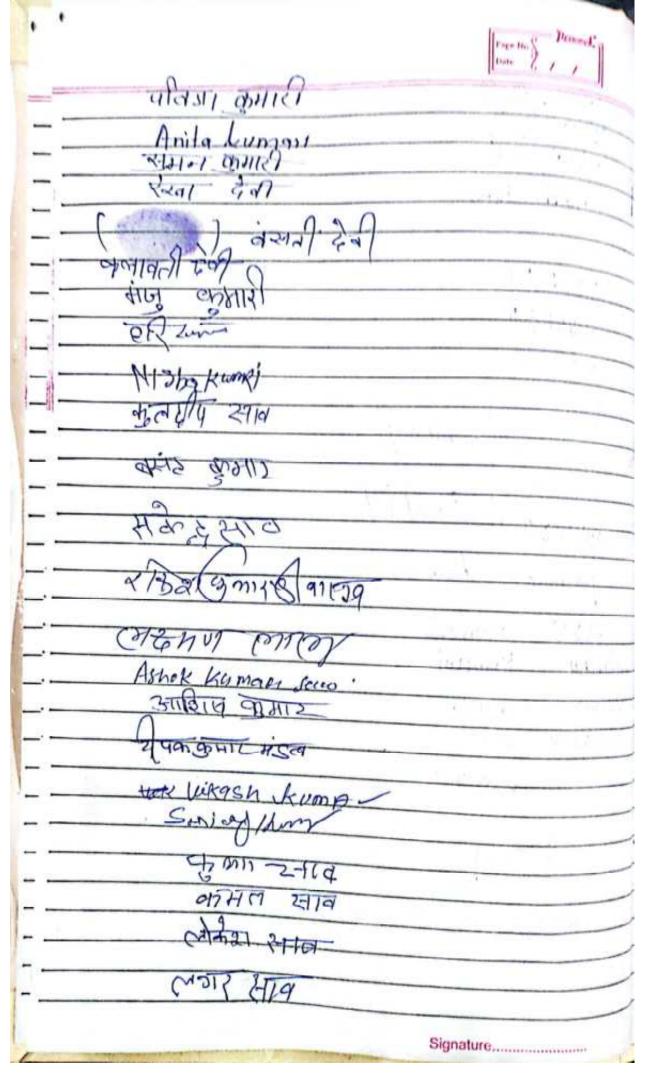
पुस्तान मण्डिण मुन सान प्रिमा माटन सान खाना 84 2mar 1.10 Pas mIJININ मा मंग्रेट अंगारी मा मं १९० व्यो नि 3 (9 CM 97 G/N) Senta 40 190 Long 40 5 8, 222, 62, 143 goranai 1.50 pas of 3000 8 900 साव भिमा रकुरी/ माव 4 HAIG HO (34) 15179-1 84 290 BL 3.00 BB NALL 2290 moin 21 अम्माव मंग्रिड) नूर अहाँ मिया मानीवर 190 colle 40 84 20001 2.00 193 अभीत ५ उरवलं क बमारे। मत्यो को स्थान मेररवर हुर पुत मुखिया ग्राम पंचायत बेलत् केरेडारी, हजारीबाय

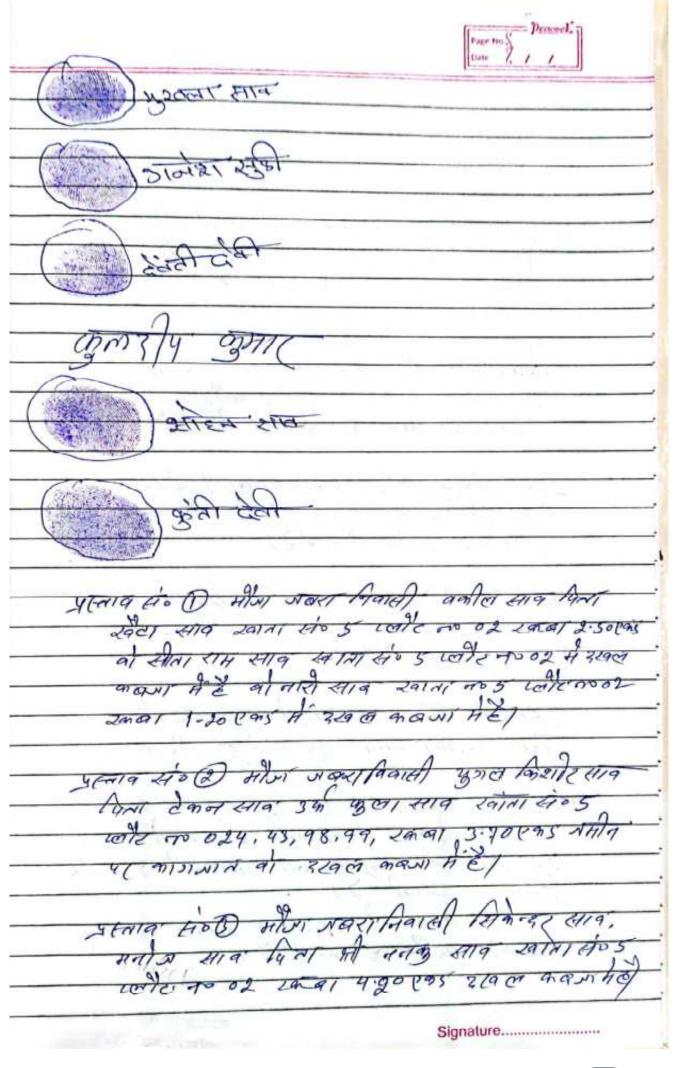


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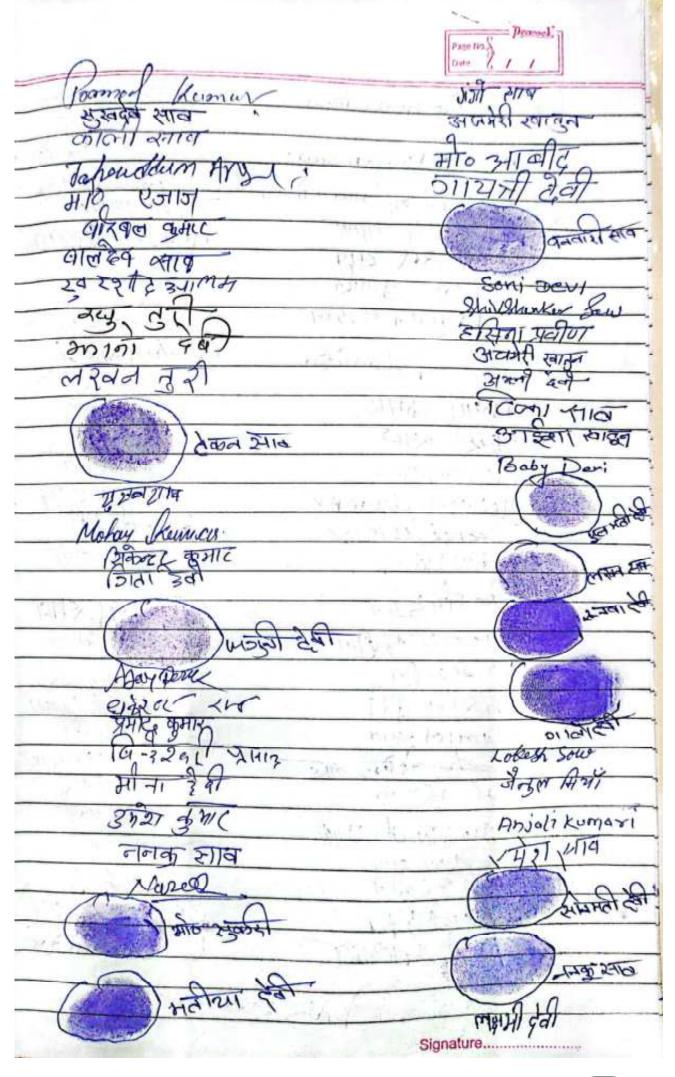


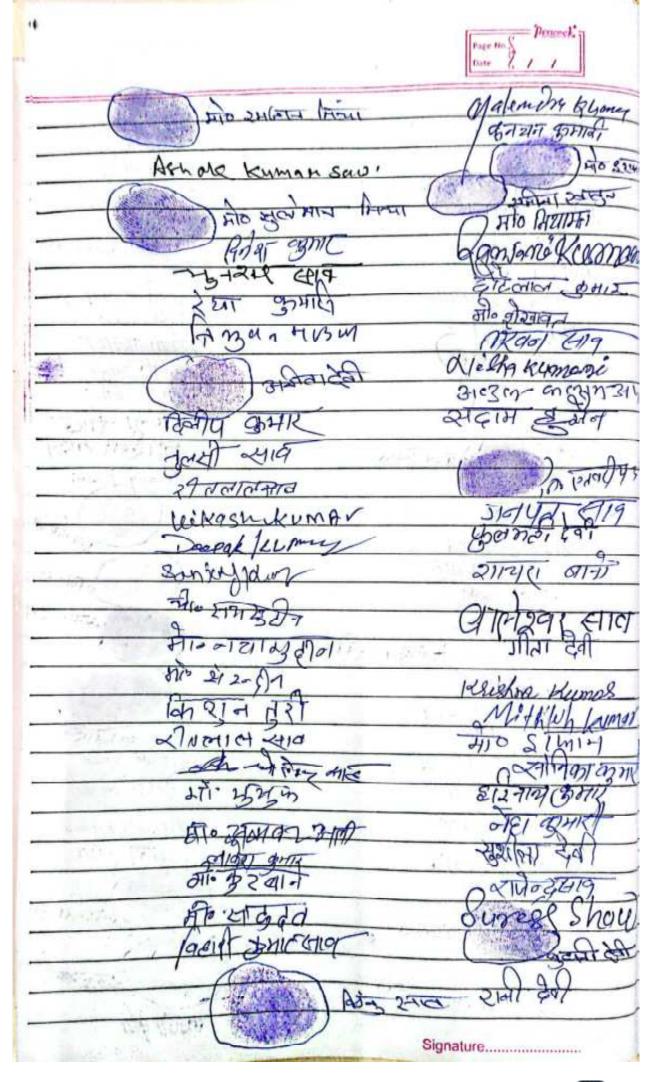
HO(4) HIN NOVITABLE Zaar 2.50 (95 HEIN 3ME ST 1.20 PAS 3/4 CA माण प्रवर जियासी COINT LOS al WILL 1.00 bad 3 (400 won) मीया में करा निवासी न्यमन साव के नाम प्रस्ताव में में मोगड अयरा निवासी कोमा साव कार 2.16 las wold wit अलाव मार्डि अवरा निवासी कुलरीय 1121401 ATA 24121 40 5 CONTEN STAIN HOGO NOZI FAUTAT ध्याद मापन वाम पंचायत कण्डाबेर Signatus हारी. हजारीबाग

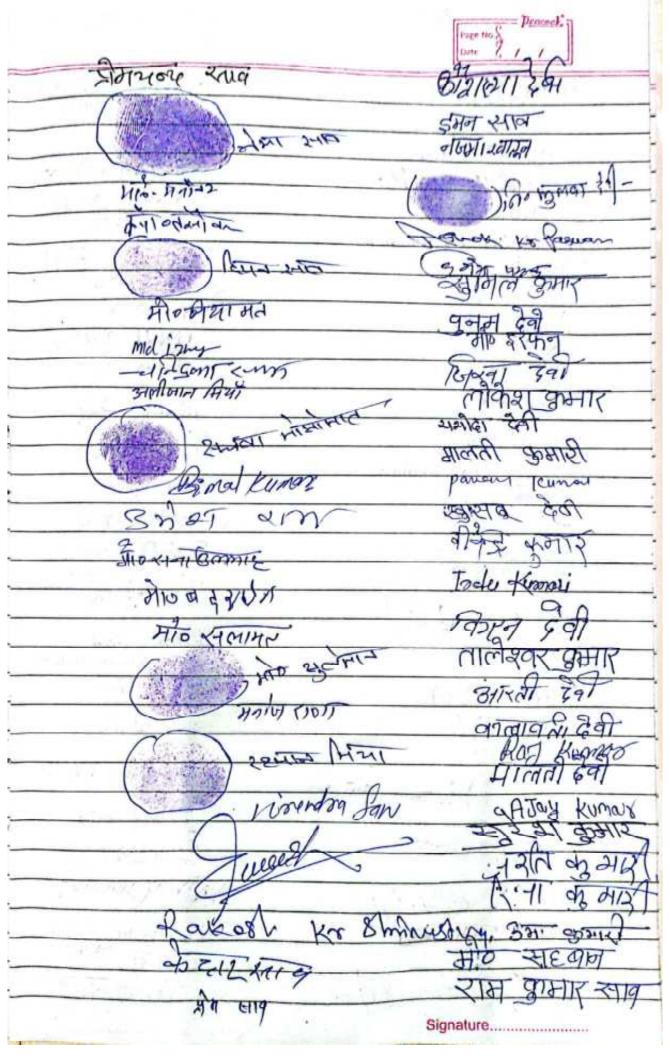
प्रमाशितं क्रिया जाता है कि इस साल हैं।

STAIR 31 Ferting 2006 of ATTHE 4 of NEW 3/710 असिकारी केरेडारी के पनांक पुष्ठ दिनांक 11-11-2023 of 31101 as it 311 N Perion 30-11-2023 ont उत्त विचालय कार्डा केर में गाम कंरडा कर स 211-0र्निया महिला मारी दिनेया साम की अधासामा 99 30/24/2 of sizes NUI जागल माडी मूमि पकरी बरवाडीह उत्तर परिना जील रवनन परिशोमना हेतु रमानी जीवती लिमिलेट के माम हरमांगरण के लिए थान 2111 01 3112/N. 1 PO 211 1511 / NAPOT Tanza 1201 -5001 2 -शाना सं प्रवास सं ट्लिस्न नक्षाए किट्म 110 212 -10-13 375p-605 559 -1.96 377107 9.02 111101 - 15.00 4.66 177107 46.82 Pas Zalal tio collet contros Anty 00031012 110 - 0.72 5/2/01/1/5 - 0.27 siner 1515) · 1.90 sizies 15/3/ 444 - 0.13 51216 45151 493. 2.07 (10) 1615) 527 - 0.59 NOTETHOST 545. 0. 47 110 40 59 ener 6.15 pos 2141 H Post 43/12/00/ 19

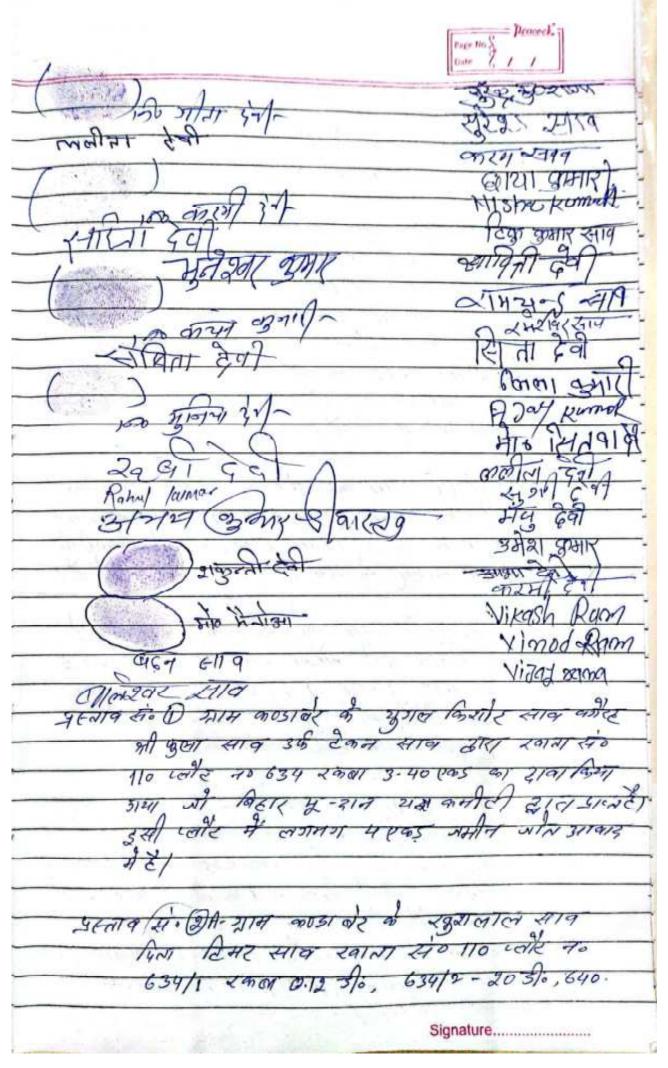
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= Dencoel i Page No.S 87517 LIH भूकाम बुकार निक खरीका FIME SHIE x19/211-21/58 Zain 1-114 Swil Kumar Mandal FUS TOBER आहमी देवी Tiple Sant dun 111 States out to Signature.....



2001 1.00 105 BOIL WON 1005 32 5). छ- हैमलाल साव कारह रवामा दंगाठ प्लीटन 634/1 2001 123). ON 22901 901011 21 अस्ताव संव 3 गाम काठा वेट के मार मुलाकी म मिला स्कु मारी मियाँ एक हिस्सा की खलील भियां कारह एक लिला में है। एवं मीया नावाडीह रवामा नव उ 422 29 01 1-16 195 01 534-1171 H 29141 70 03 cold TO 422 291 1-47175 ZACT MONT प्रसाव मंग्या गाम काडाबर के क्रियुन राम दिला यानी राम अपना कागामात वन्द्रिक्ती स्वामा मंड 212, (most 6.00 pas us mirent of क नाम है दरवल कर्णा में है। अस्माव सर्वि अगम माठा छ । मा N 19 15 MINICION /N दुरी के नाम है। अस्माव सं किताराम काडावर के विकार कुमार स्वा पुरेया साव मी काउादर 291 NI TO 110 LONG भी केला तेली मिला ननक रेली के नाम म कागमान है वा उरवल का का में है D)- 29101 40 110 cont 00 625 20010.9204 मोकला साव विमा नमकु साव an DIWIN FUE Signature.....

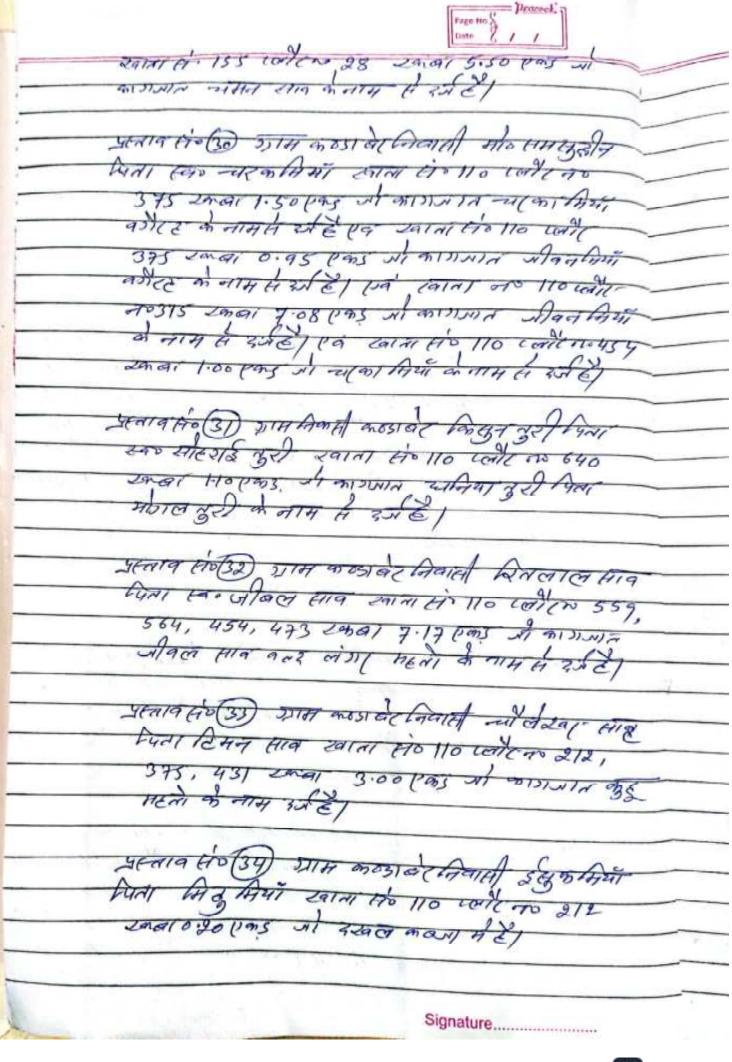
Page No S गाम काडावर के याम देव राम मित्रा ए अवा स्वीवी मीमाका के का -11/21/2 2001 1-20/93 A) कार्डा के जिलादी जांगा बाद साव 29/11/07003 बुलाक साव 119/3/6 422 (441, 0.50005 (M218)NC SCHIA ELO(DA) SIH MOSICE AMIENT Also 1030 सर्व महेगू रागा -70 110 laic 29/17 HEN 2/01) HE3721011 903 वाता संगाठ व्लीट 634 (mai 0.40 pas 0) HINT HIGHTS PORT CTO 03 WITC 9.60 (as N/ 214 21214 21017 an olly E (à 291 MI Ho 3 cole 10 505, 422 2901 corre on 505, 421 2-60 (195, 29/1/ 203 205 एकड औ काअध्य मह यु रागा 2012/ 29/1/ A 3 coil or Signature.....

1163 KIOIL & 3.0000 conte oto HNaR41 देवी के माम त ग्राम काठाव कियाती सुनील भी लाम देव प्रज्ञावली 29111 640/12 and 1.00 pas and 1 grell 29101 070 110 corte A STE MINICIO IN ग्राम का गडाकर निवासी That wield siend enal to 110 with 212 (401 6.30 023 A 41 an TITH anzala Charatel lacaciagn HIA - 20111 (10 110 1012 485, 486, 559 4412001 कागामान बालरेक साव 29111 (to 110 coll 070 (MRT 1-50 PAS ST AIM 24 414 8 प्रसाव में (14) ग्राम कठा के मिवारी किंदुन 291A) Fr 110 with ये कागणान रर्ज हो यनी रिकरा Signature.....

- Peaceck SENTA (10 (15) 3114 0051 00 Banel 23141431144 पिता उग्वर्स रह रवामा गठा। एतीर मा पड्रिकिश्य) 200 (mai 1-32 cms A 21 4 A Drug Con 34 April के नाम में दर्ज है। एवं स्वामा संव 110 रकीर जर 454/1 235 Ansi act will mail on Ruel va lain no 110 care on 197 291410.46 PMS 300 ADDIT 118 4(A19 40 (16) 21 14 mosiat Poparell 2 23 3 1/401 200 sill gel 2011 000 110 17/ 2714 anostal विकास दिक्त साम दिया वासि स्वामा गण 110 3.00 (केंद्र और कारायान रवेद लाव कतामन प्रान्ताव मंहिष्टि अम कण्डाकेट जिवाली द्यानेक्वा रसक रेपमा स्वरु वेत्रवास वैठा खाता गठ 110 ट्योर ट्या 0.19 pas in anumin And what an oth A AND RE PA CAIN HO 110 COTEN मे कामान कुनुवा देवी पति क्षेत्र गाम मिरिस्ट्रिक्गित्र है। अस्माव संवित्ति काम काण्डाकर नियामी मी किन्देरवर्ति डिसाइ Al tool 4109 29111 00 110 coll on 625 (mg) 59 Sto 19 carri Hollo contin 625, 634 (4) 1-85 las 291 Al Ho 110 conten 529, 549,564 मान साविता MINICION IN SENTABLE IN BUSH an 0114 मीका मानाबीट खारा सं 3 502 2997 0.20 (195 N/ 15/0/4/99 1/14/2) E

Page No. S on when out 113 vill on 155 coil on 1 12 200 4-19 CAS at 101000 A 1610 (114 4, 117) MATTER 15/6 12/10 1200 1116 (30) 11/16 (30) 11/16 220 2गामलाल यान खाना तं गाठ प्लोटण प्या enar 0.90 pas at mount ofen ma der मानी स्वाव , जो भी साव विता गुरनु ताव, पुरन साव विता अमनी ताव के नाम के उर्भ है। प्रसाव संविश गाम कामा दे निवासी गरेश मान 411 119 29111 010 110 conten 116 (maj 0.80 cas la cara dello conten 216/201 0.20 एकड़ काशाम के बाल छंडी मिला लेडा छुड़ी के गाम ते कही अस्ताव संबंधि उठाम निवासी काछाबेट आठ खुकरी पति संबंध गरावी दुरी को मतीया देवी पति विस्तुन दुरी MINI ete 110 call 10 640, 200 473, 454 20091 NI MIDINIA -4 (00) Bet MAI Aleg years Ho(23), 214 moster barrel 21421ACHE FURT NOTE FREE ESIM FID 110 LOTT OF 24 (MA) 0.60 Pas on associal in Sul Des अस्ताव संबुक्त ज्ञाम कठावर किवासी अमारक कुमार्साव 29121 610 110 certen 11691 20001 0.52 (as w/ anown dang 1919 Signature.....

Salt anostactorial sito ग्राम कड्डाबर निवासी HE 110 क नाम मे (10 (27) July moss ar Agid 29/1/000 अरिका साव misuna अस्ताव संब्रिष्ठ) क्राम केळा वर जियाती 29111 do 110 will or मिना स्वय बदन साव 201 1-36 pas of an min ow 110 carro प्रस्तावरां (रेक) गाम कर्जावरिनेवामी रिसलाल (राव -4H & HIQ 291 AI 40 110 1-56 1995 न्यसन्साइ वल्द 10 110 will 6.87 Pms Signature.....



प्रसाव सं 0 (35) ग्राम कुठाउ दिनामी मीण्डाकवार 0.14 pars intains to 110 valens Rie Mais Ly at 1921/6 HIA LUAT EAR PORCHT 19 291 11 FTO 110 (01/10 37) NINGTO IN 20191 HO 110 cent 010 375 2401 प्रस्ताव संच्डिमे गाम कहा छटिनवासी दिनेशा माव मिता भी कि नु साम खाया में 110 किर क 25/31, 25/32 201010.30 of at anound ally ena as 114 E & al tain Ho 110 coil N 25/2 2491 भी कामाम किराम साव के नाम va salal Ho 110 cold or 389,375 al 39 0.89 rms अस्ताव संबे 38 गाम कठावर मिवासी प्रमानद माव पिया स्वा कि पुन साम राम सं । 110 एतीर ना ३75 29-01 4:00 pas of minute langer 1119 an 11116 N) 4 00 / 1.00 (8) कडाहर जिंवासी रक्षा 1-26 एकड भी काम्म्य लाल मन मेली Signature.....

प्रमान राष्ट्रिक गाम कारा देशकारी गां an 114 6 अस्ताव मार्था) गाम काउरा बेर निवासी मीलियात मनीर मियाँ म(दूर्त (वामा सं 110 प्लीटमंड ZNOD COIN FO 110 L 527, 640, 674, 431, 444 get 200 195 Helder Cum on 114 di Rate प्रस्ताव संवित्र) ज्ञाम काछा वे मियासी राजे वन (साव COLAL FIE 110 will on 04 2001 6-00 (25 91 N/2) प्रस्ताव तं विद्या ग्राम करहा बर दिवासी राजे द्वार मान प्रिता त्या होरित साव मीजा बरियानु खाना सं विद्य स्वीटन व्य दक्षा 5.00 एक में रावस करा। मेरी Signature.....

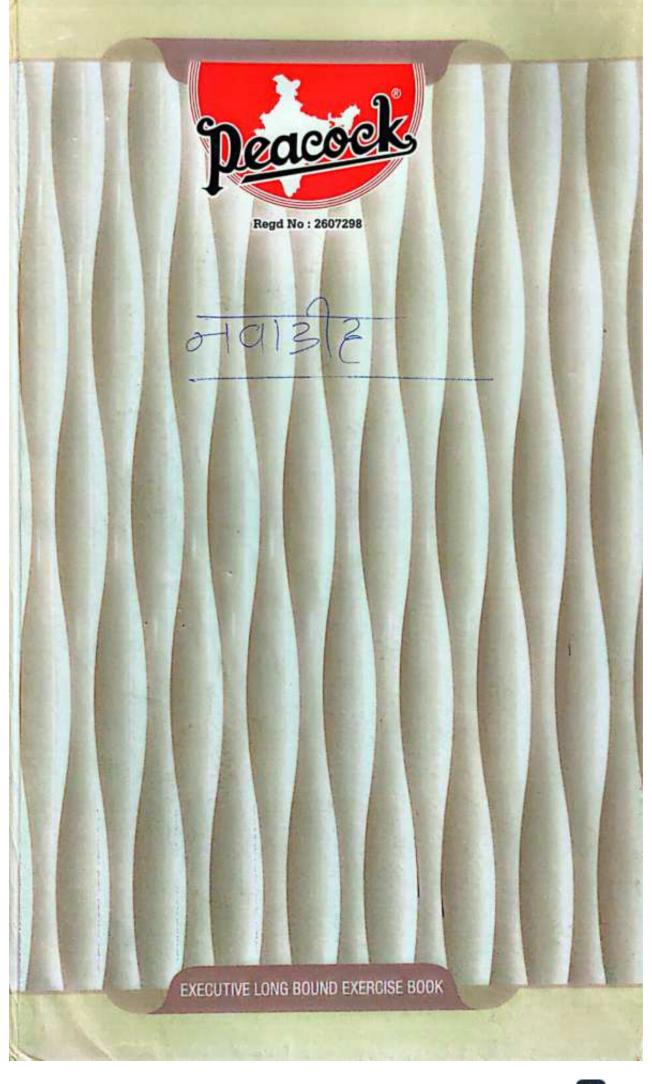
State (16) 2114 2001 as tolard . El भिता भी मानी साल रवाता ति ॥० विमेट पुल्तान में ० (47) गाम का का बेट मिनामी मुरेगाराम 11/2) Maiste solvi 6/03/12 Tal(10 422/12 29 01 0.12 195 19 1911/403 1011(1. 205 5 wal 1.00 has y 350 a wanty 24151 3 4. AY BOCKIN 4 - 118/1C 209 (na10-12 (ns अन्ताव संब (48) ग्राम कार्यावर किवासी युगल कियोर साव मिला भी पुला साव मोज बारियानु छाता cort -10 01 (na1 5.00 pas प्रामान मं (प्रम) भाग करडा द्रामानी राकेश कुका भीवास्त्रिता एक विद्वानाथ प्रमाद मोर्भ 29/11 (to 155 care 0) (991 3.10 (95 212/90) mani AZ अस्माव सं (50) ग्राम काठडावी निवासी गांव (म्पूर) tar Rysin carritto 110 colon 2011/10 19 110 with 634 2001 100125 9-419 Signature.....

2114 15031012 David मिला हन अद्भाष्ट्र राम को की छन 502 29 91 0.60 pas algored 211/2 1111 लीयुन रामक नाम हा यावल कल्याह ग्याम काका बरिनवाली भीटहराम दिला 0.12 (95 M (3214 m N/N NEC9 सामाराम् दिवा एक छक्ती तम लामार छ जीर 207 TUBIL 0.13 1.08 - 3/201 WENTHE शाम का का वर निवासी माठ वद करीन END HERE ANTI ZAINITIO 110 CATEOU 25-91 15.00 (as at HE gor fami corte 375 (2091 1.90 (25 HE gerthai 46419 (10 (54) 214 2831 ar 699161 al norts milyar hor Aui a mi प्रसाव मं र उठ गाम कहा हर निवासी सुरेश 518. 856, 364 Beregai 0325 645 Signature.....

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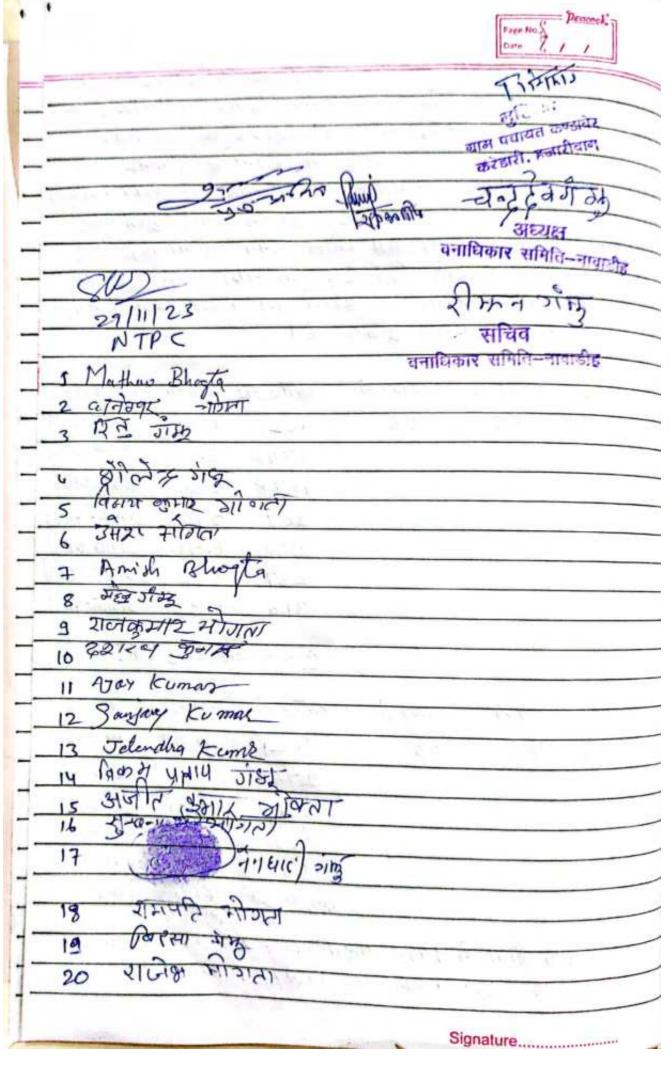
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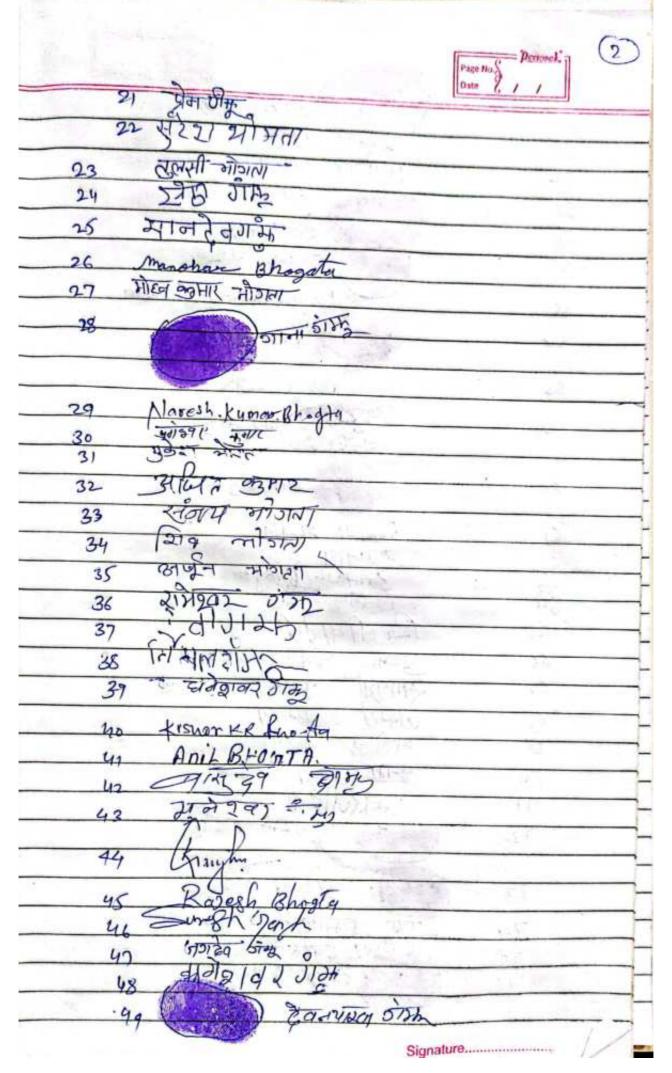


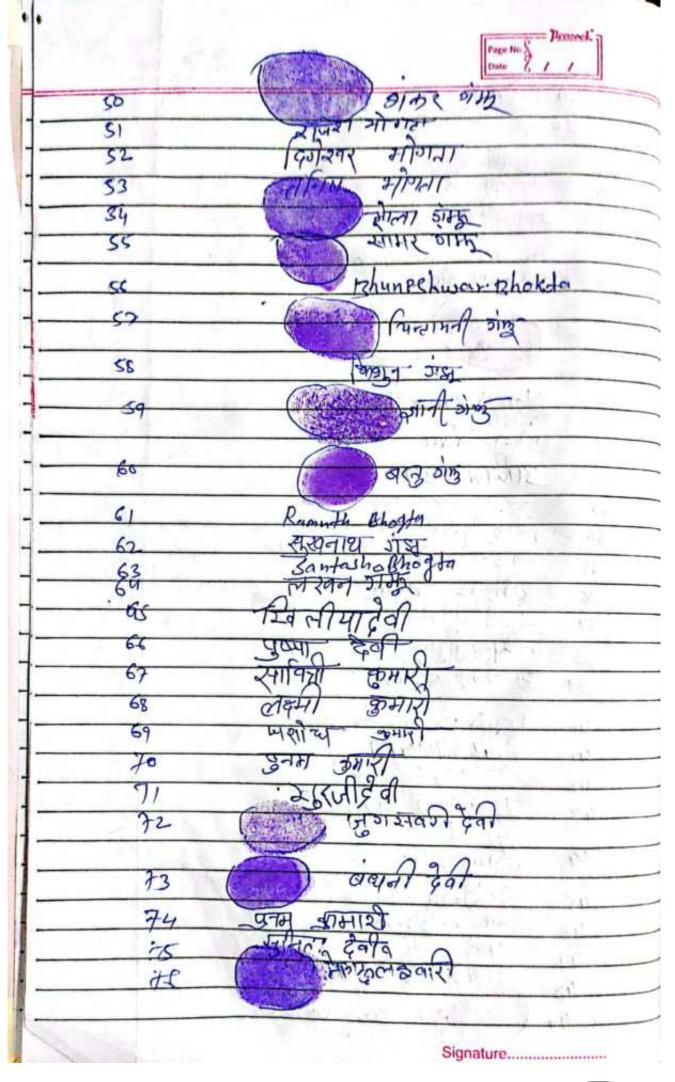


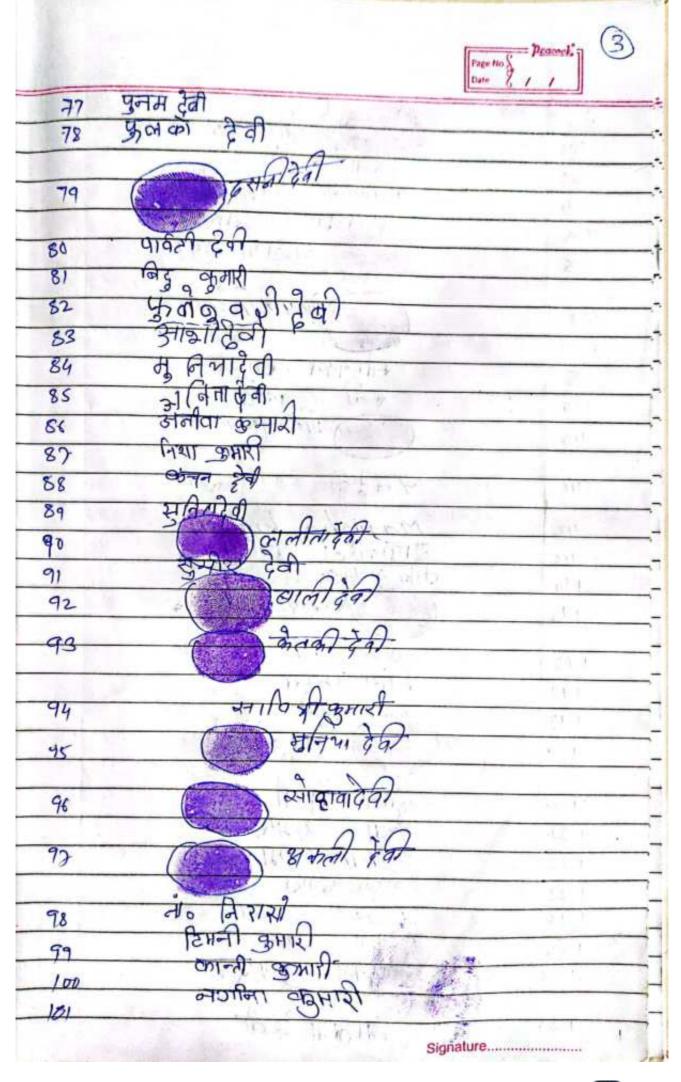
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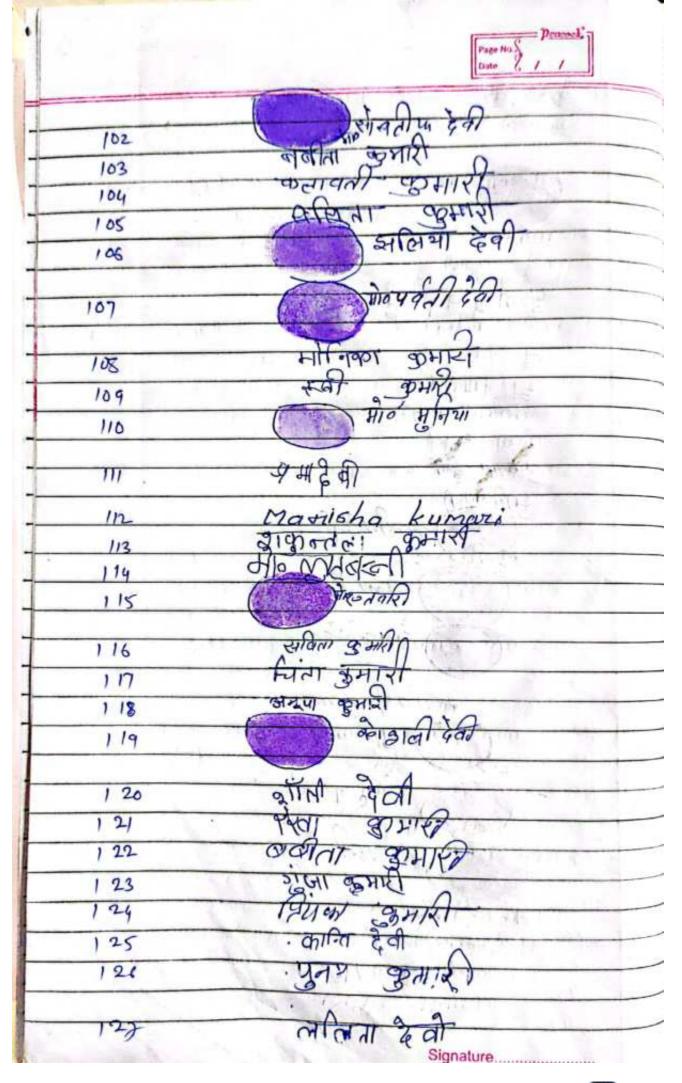
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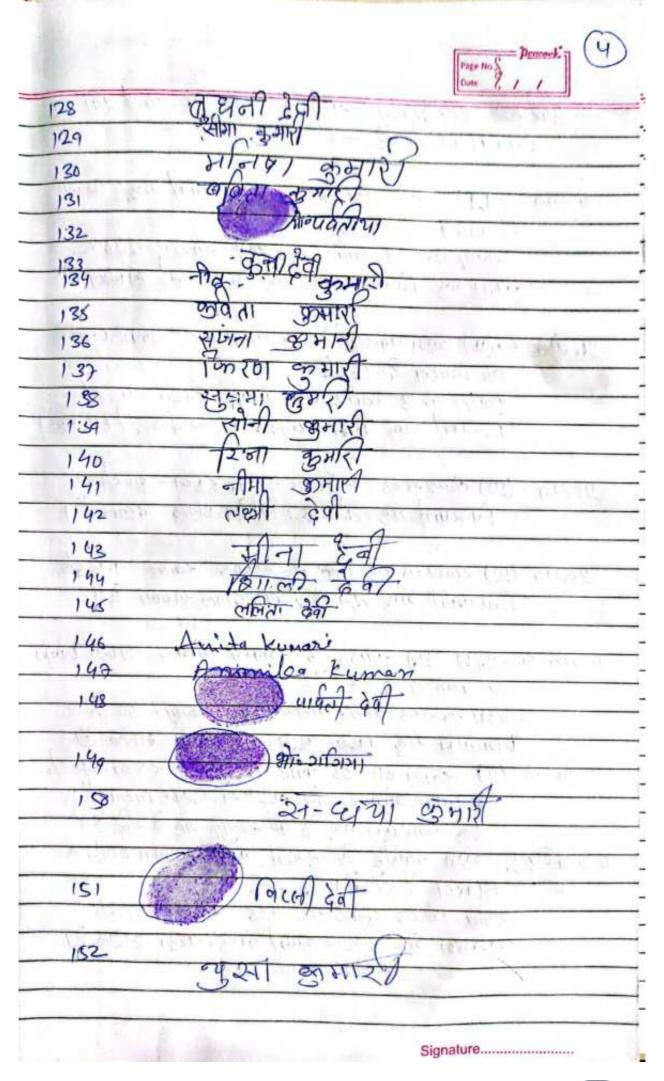


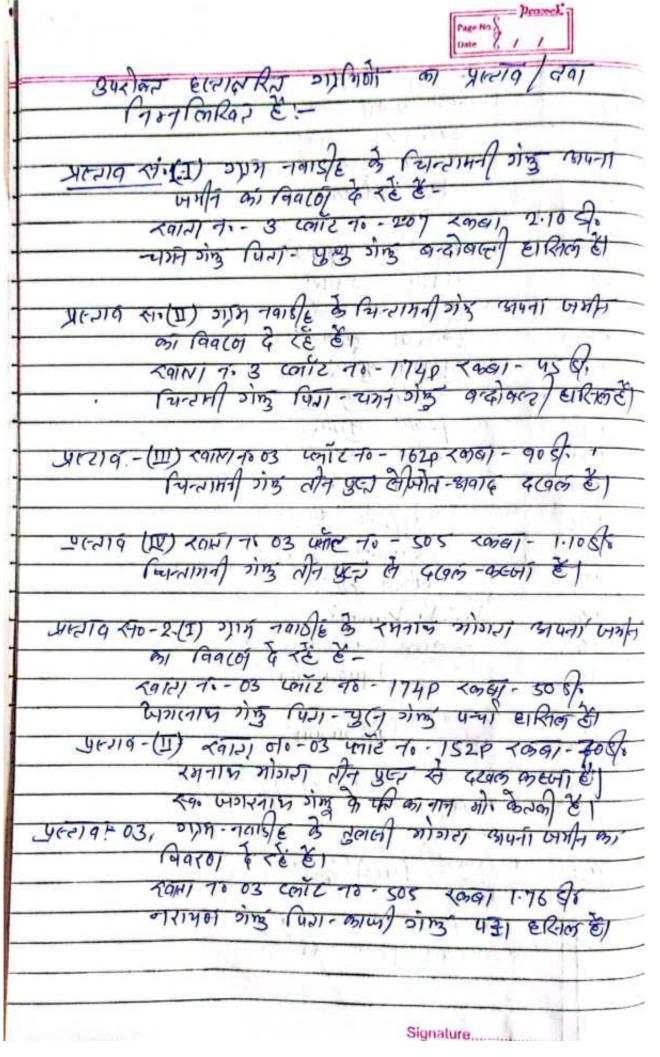








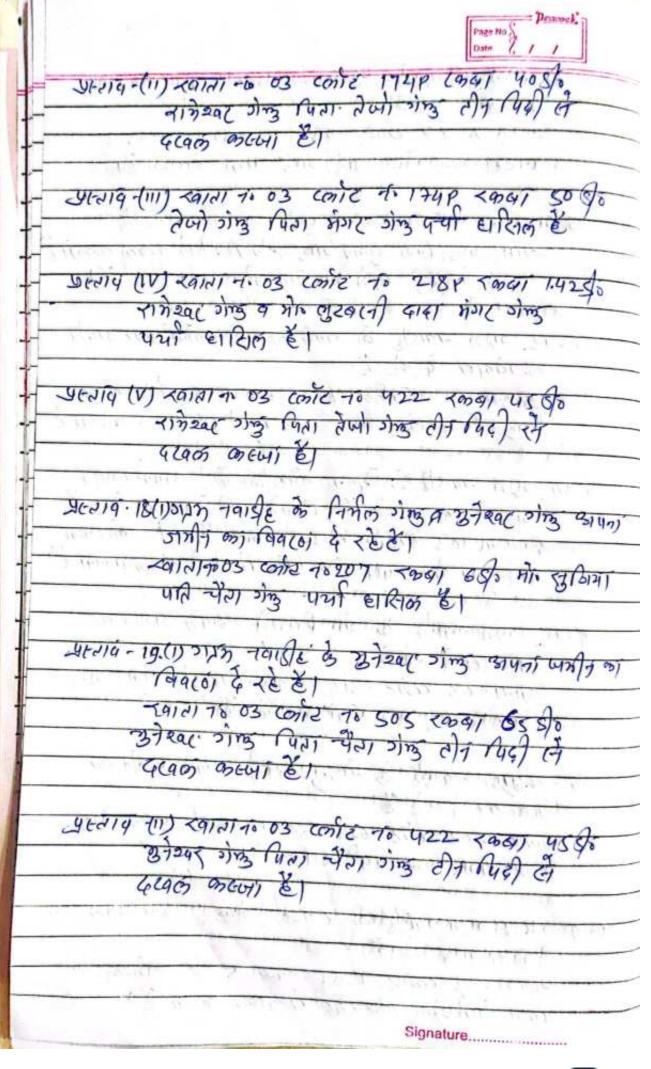




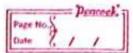
16910 th - 04(1) 01/15/2 - 4018/8 3 4/10 sing 204-1 018/19 विवत्ता दे रहे हैं: 4914) 10-03 conte 10 505 20001. 8.404 3) on - sing 1921 - 30-1 sing 2)+ 1967 MENIA - (II) KATAT 470 - 03. COME - 505 KONAT 1.1098 रीमन गांकु पिरा रम्गांक तीन पिदी से दलक कर्धा है yeniq - 05(1) ग्रिम्-नपारी के मानदेव गोक आपना अर्थन का 199(0) & LE ET 29171-10-03 cost - 318 2001 2450 लीन पिदी रेन दलक काल्पा है। 40219 (11) 29121 70-03 VOTE TO SOS Kapai - 20 60 41749 गंकु रोन पिदी में पदाल काला अस्ति। व - 06.(1) अपूर्ण नवाड/ह के देवा गंक वत्रीराह दायनां धामीन का Page 1 & LE E1 TOIN TO 03 WILL TO- 1620 ROGI- 1.80 S/0 पिता धायुक्त गोलु पर्मा हास्तिक है। 41-219-(11) LAINI +1. 03 CAIL TO 174P KOGI - 90 5/6 . < भन गांकु पिया धायुक्त गांकु प्रमी बिसाल है। (46214-07.(1) अह- नवाहीह के महेन्द्र गेनु प्रापना धमनं क Pagroj & TE E1 20121-10-03 Lenie 1. 505 Langi - 1.86/ 42-3 sing पिता काव्यों गेलु तीन पिद्दों से दखक कादला है अन्ताव - हारा अपन नवार्धि के वित्रत्न जोन्ड अपना पार्शन का विवर्ण दे रहे हैं इसका पत्नि कामान रवाताना 3 (लॉर्ट ने 422 रकाद) पिया - आगन जोन्ड लीन पिढ़ी से द्वाल कल्पा है। Signature.....

अस्मायं (11) तवामा • 03 ८०१६ छड रलका 3.05 कि किछुन जोन्ड पिमा • यहामन जोन्ड तीन पिद्री से दरवल करजा है प्यस्ताव - ०११) गात नवाहि के चन्द्रदेव गंकु, रहरेना गंकु पापना प्मिन का विवर्त दे रहे हैं Raid 03 coil 11 1740/154 2000) 4060 2010 Ding पिता धायल शेलु प्या हासिल है। JUNIO (11) KAIN 18-03 (0016-505 KONG) 1 PORS 505/8 खुरेश गंभु पिरा सर्धु गंभु तीन पिदी रैन दखल कस्पा है। अस्याव- 10.(1) गाम नवार् के यन्द्रव गोक प्रापना जमीन का 190(0) 9 (E) ET रवारा ने 03 प्लॉर ने एड रक्छा 10 र पन्डदेव कोन पिरा - पर्छ गेल तीन पिरी ते दलक कटमा है। Uraiq-(11) 20121 70 03 4012 - 276P 2001 204. चन्द्रदेव गेल्ड पिरा सर्पे गेलु तीन पिरी रने दिवल asturi & 74414 (11) 40141 41. 03 raid (202 400) 1.808/2 दशनी देनी पति यन्डदेव गंकु हुकुन्तामा हारिनले है। 46-19 (N) 291211 03 CONE - 422 2001 1.57 \$ दशनी देवी पति यन्द्रदेव शेष्ठ हुकुमनामा हास्निल ह प्रमाव - 11. गाम नवाहि के किएम जोक आपना प्रमीन का विवट्टा वे रहे है। दमका पत्नी का नाम बालो देन ह 20121 to -03 conic -00 1799 20041- 506/5 िकार्य गेन्द्र पिता कामन गेन्द्र पमार्ग हास्तिक है Signature.....

Page No. S प्रात्माव -12(1) जार्मा -1918 है दे रामिर अंद्याना प्रमान का विवाल के रहे हैं स्वाता र . 03 ट्लॉर उन्तृ रक्षा अटहा नामु पिता माद्री नामु 421 EIRAM ET VICTIG (11) 49121 03 CONTE TO 422 (991 1.25 95 न्गोमर जांन्ड पिना खुवान जांन्ड होन पिती में दरवल कान्या पति का नाम भीव पार्धली हैवा है। 364 2) m as) अस्तार्थ - 13. गोम नवारीह के कार्ने व्या गोनु कोर्डियमा उमिना का विवाल दे रहे है। -a121-03 cmie 422 3041 5050 antique sing (पता लंबा गोल त)न विदी ते दश्यक काल्या है अल्याव 14 ्याम नवाडीह के देवन को लीला देवी कापना धामीन कां विवाला के रहे हैं। जिनके पनि वेशनरायला डाल है 29171 10 03 conta 412 2001 70 \$0 0) RIMI देवी पति देवनरापणा गोन्ड भीन विदी से दखक कल्ला है। अस्ताव-15 ग्रम नवार्ष के की निरासी 3147) 517/7 05 190(0) \$ < g & रवाता - 03 व्लॉर्ट - 316 रक्पा 16 5/0 मंगर गंजु पिता-देशास शेष्य पर्या हासिल है। अस्माय - 1600म नवाबेह के मीन्त्वुटबरनी 31471 WX/1 031 ZE €1 109(0) 6 49141 7. 03 conie 162P 2014/ 968/s रपता गंगर गेल पर्म हासिल है। पहलाव - 17 (17 गाम नवाहीर के रामकवर लाल जाया जामीन 19976) @ TE E) 2014) -03 conts -1626 (wal) 20 8/8 singa(1)2 विशा नेपी गोल तीन पिदी में दिवक कल्ला है।



4-419 - 20(1) >1) 19 7419/2 of 2100 sim 31475 012/on 199(0) 6 TE El 29/21 72 03 conte 78 1747 2091 40 to sion sin Mai aug sing was Elkios & y(219 (11) caid140 - 03 conte 40 316 300) रांकर गेल पिया वंपन गेल तीन पिड़ी के स्वल करणा है Utal4 (111) (9/N/ 10 03 CONIZ 70 207 30061 208 रांकट गेलु पिया वंबन गंलु तीन पिदी से दखल कटमा yeary (IV) 29/21 12 03 conte 70 505 7091 1 cons 2008 sing पिता वंपक गंतु तीन मिड़ी में दखल काल्मां है। प्रस्थाव था(1) गाम नपाडीह के नेमधारी शेषु जापना जामीन के 19a(0) & < E & 29141-03 conic 76 316 2007 5\$0 775110/218 पिया - नटनं मेल्ड लीन पिड़ी ते दलकं कात्मा है MENIA (11) 29/2/076 03 const 76 505 20091 1.058/0 नेमधारी गंभु पिता लटन मेनु तीन विदी में दिवल कारिया प्रकात - 22 + 2122 नवाही के देवां गोल आपना अभीन on 19910) G TE E 29/2/90 03 conic - 422 2001 808/0 29/ 2/1/2 पिया राम गोल तीन पिरी दें दिवल कल्ला है पालाव . 23. ग्राम नवाडीह के गाना गोल दायना आभी का Pagio1 6 20 61 29/1/11 03 con/2 70 505 (009) 1.60 96 जानां ग्रेष्ट्र पिता काची ग्रेष्ट्र तीन पिदी में स्ट्रवलं कास्मा है Signature.....



अस्माव - 24. अम्रि नगारी के याजेश्वर गोन्ड आयां अमीम का 2017) 70 03 cm2 - 505 (014) 1 cms 77 2016 511 विमा नेजो जोन तीन विदी में दख्क काटणां है। प्रस्ताव - 25. ग्राप्त नगरि के द्वावनाक माग्रा जापार अमिन का Pag(0) 6 28 8 2011/1 03 conic 70 505 (mail 26110 Mon (तरा आरो शक तीन मिंद) ते 4400 करना पट्याप- 26. गाम नवाडीह के मनाहर भोगरा क्यानां धामीन का Page 6 28 8 2912/ 10 03 CONZASOS <09/ alt 149 & 4490 OCUT &1 प्रस्ताद -27. ग्रीम नवाद्र के रित sing आपना अभीन को 199(0) & CE E 1911-10-03 cont to 505 20191 राते गेन पिरा सेवा गेन भिन पिरो से GEMI ET प्रस्थाव - 28. गुरम नवाड़ीह के भोलां ग्रेष्ट कावना जाभीं का Page 4 28 8 < 13/2178 03 COME 76 1748 20091 508/0 पुल्ल गेलु पिरो पयु गेलु प्या हारिक है। प्राच्या अन्मित के हाटा दवनन कामी प्रारंश किया प्राच्या अन्मिति के क्षेत्री १६ वर्ष के मुक्क एवं मुक्तियाँ की एकक परिवार की दक्षी दिया जाए।

Signature.....



डीरमजुलां वकाल जमीन की देगती समहलमं राविश दिमामण (11) pinyy प्रसाप (111) न्यू- विस्कारिक अप्रम विकास संबंध तिमि केलहपीय पुल्याय (14) 18 वर्ष 50 वर्ष तक के विस्थापित परिवादिकारित एनं गेरिशिक्षत महिला-पुरम की गीकरी पर्वानिश प्रमात पत्र के साम दिया जाए! स्वाव (४) में निज प्रारंभ होने हे पहले लक्षी प्रकार गारी महीनों को यान के किए विकारित सुविभा की अधिम्या दिया जाएं। अट्याव (YI) विस्काधित परिवार के वेहरा ईलाय के Mo कम्पनी स्वस्था कीमा काई उपलब्ध करे ताकि विस्थारिक परिवाद आवसाख्य रोग का इनाम करवा (VII) विस्पापित एवं 9 मावित कोत्री के मिए कम्पनी डाटां जलावर् कामका की व्यवस्था दियां जार) अस्ताय (४111) वित्यापित होने के काद जिस्मापित परिवाट के वर्षाएं विश्वमा का 18 वर्ष भरा होने पर उन स्मी को रोपागा किया जाए। (IX) कमानी के हाटा हमकारों की विकामित किया Yt219 WIEDIT 31A) Polis on o) Acos145 MINOI 45 विमा जाए। अस्टाव (x) कामानी के हाटा रवनान ते हमाटा पवर्तवरहा प्रदेशिय होगा कोर भागव धीका ही अनेक प्रकार की सम्भावा का राम्बाकार्ना पंडणा नम हिनात में कामनी Ta (का पित एवं प्रशावित के प्राचेड पाट के किए व्यवाना Posti MICON Signature.....

Peaceal. Page No.S ारिक का बार है इसके आवादा किली Strig -(x1) Puty है। उसका भी रोजगार दिया NIE OD जार । प्रस्थाव (XII) विकलां कारित जा रोखार करने रेन उत्तालक 301 mo what money on onatry Pour vive 1 के हारा धा पेशन दिभा भा JE-219 रहा है। महााई की देखते हुए पेशन की Pasel MID कार्डाचेर के निवस्त वाजानाक कामा भीना 46-219 11 conie 4. 422 (09) 1918/6 00 KON1: H- HO 03 3.65 Pas 7 8191 81 cmiz 40 505 (0041 1.05 Fms THE G. 422 TOGT 12005, " conte- 422 x0041- 2.60 cms 4191 てかっち 4-119-उपरोक्त मध्यों को ख्यान में रखन 96-2192 1/4 31 31714/A उप्रम त्नमा SITI 41-4914 \$1147 7771 वर्ग दामादि वर्ग वासमार ग्राम पंचायत कण्डाबेर अध्यक्ष वनाधिकार समिति-नावाडीह करेहारी, हजारीबाग 11. 11. 10. 10 AR COUNTY TO Signature.....

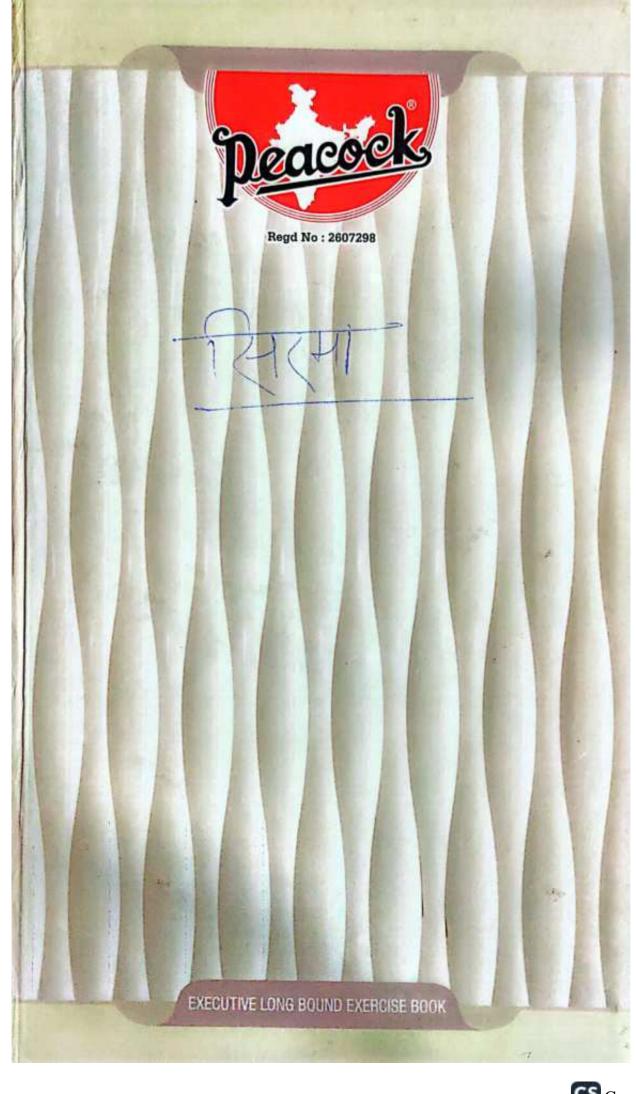
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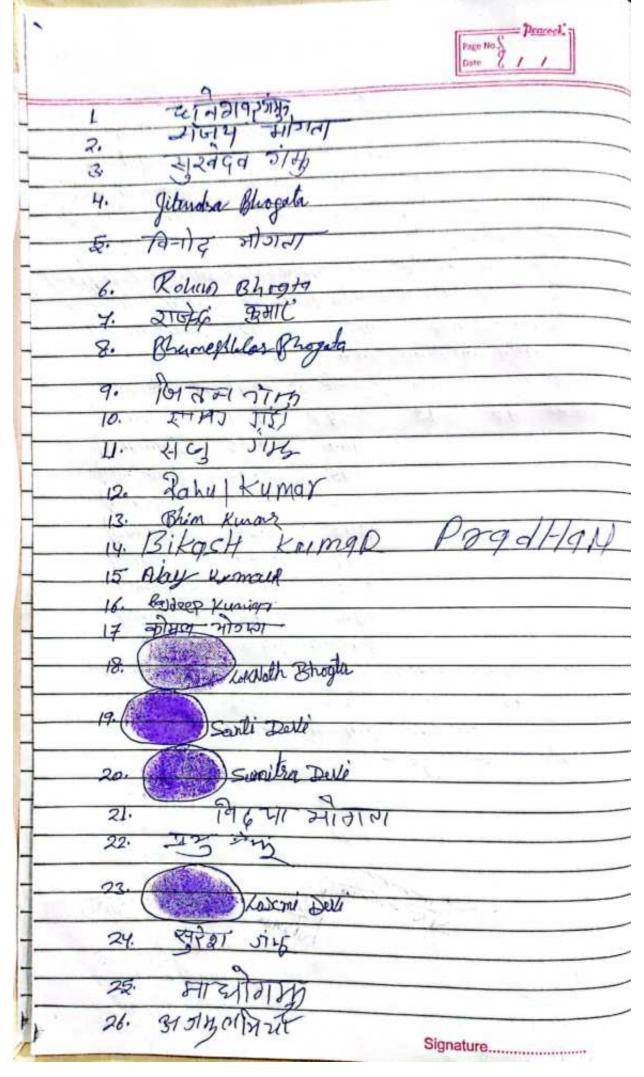


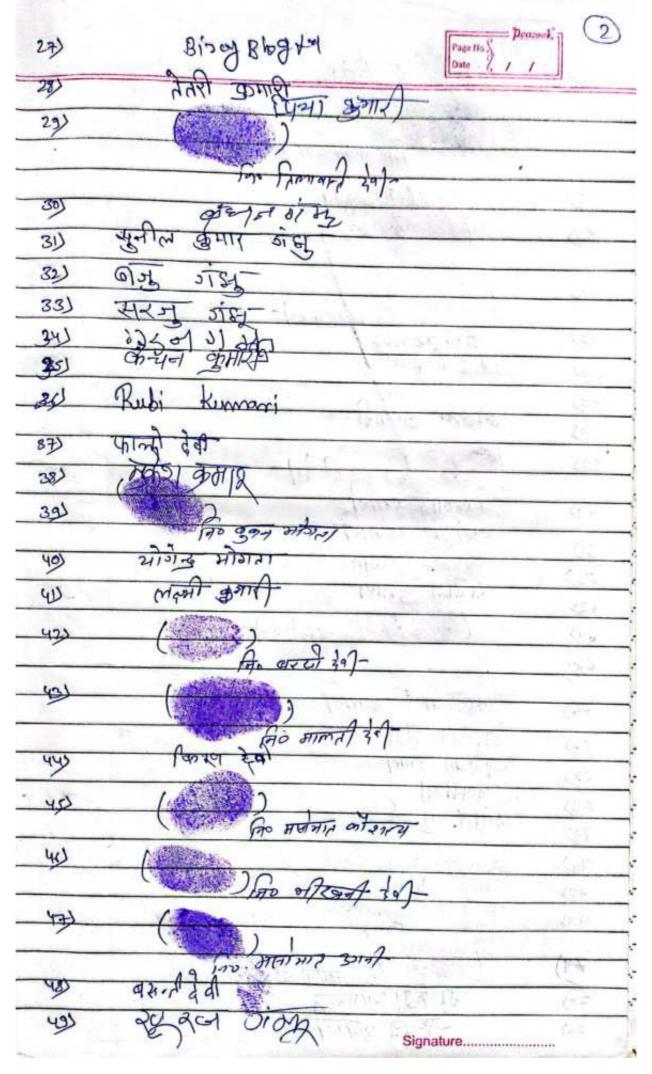


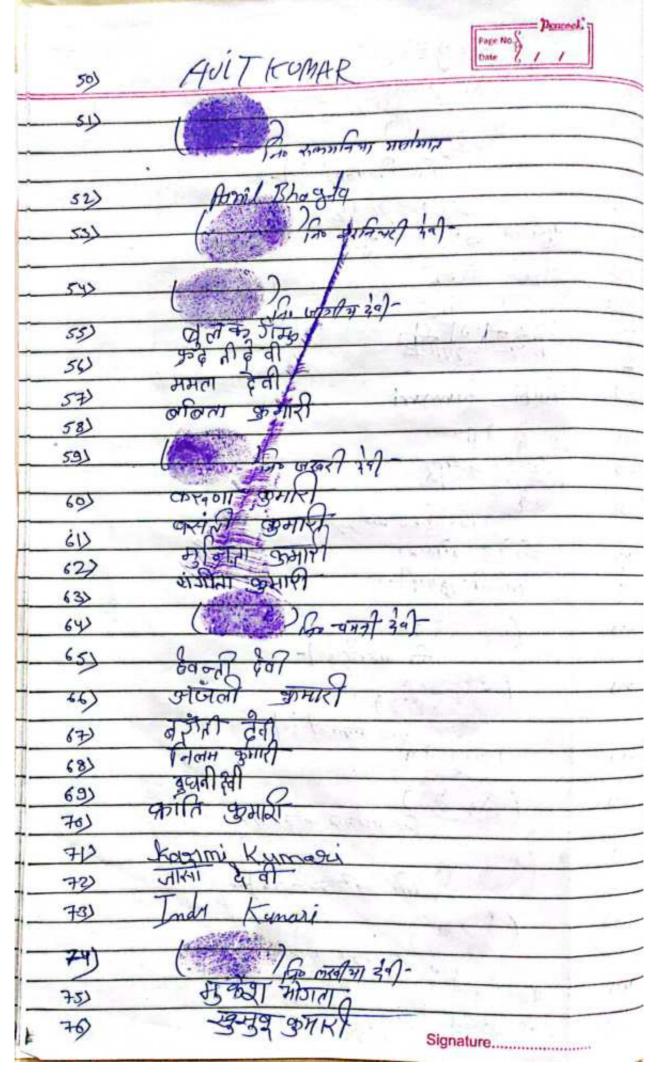
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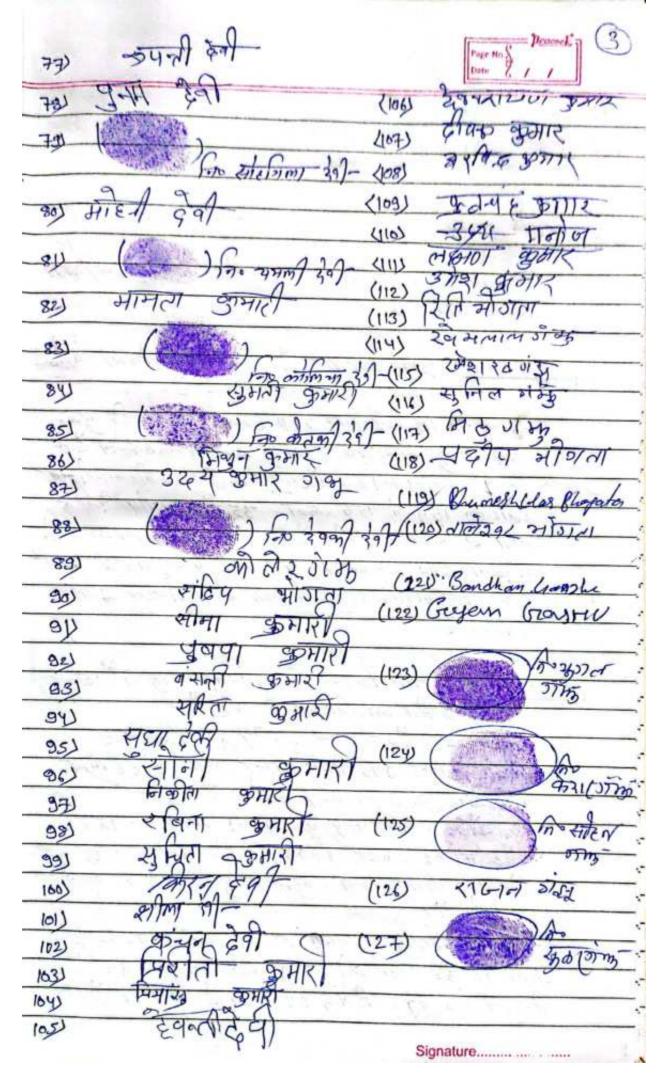


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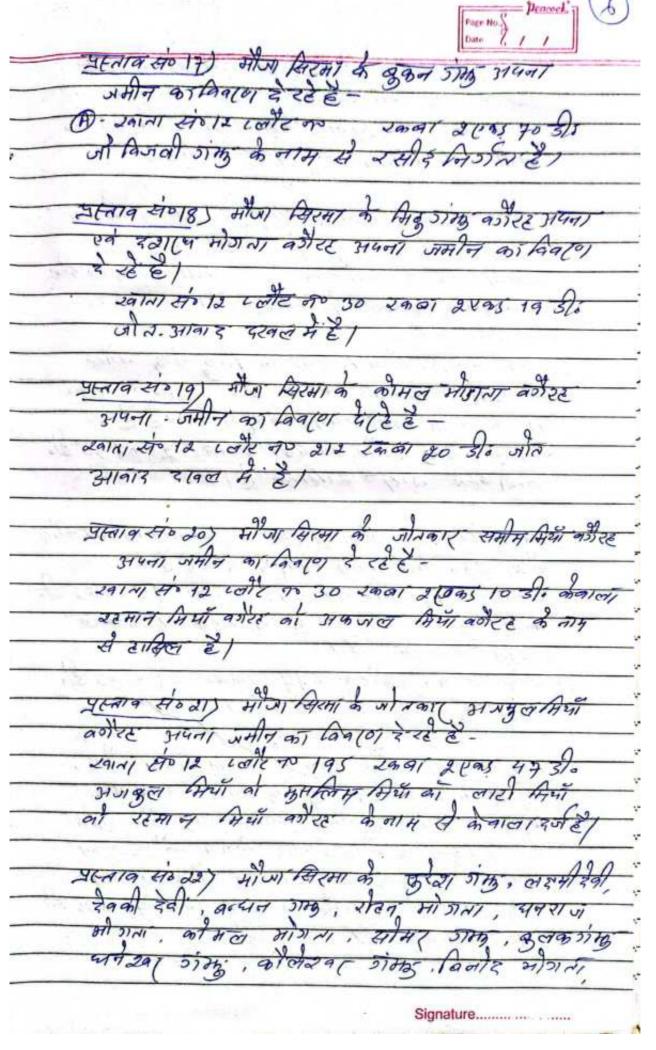
Page No.S यांजनी देवी ( निष्युनिषा मलीमान (130) Suzit Kumat 34रोकतं हस्तासरित जामिणों का प्रस्तान (हान) AND PAREN E. जाम किसा के यनराज भोकरा कार 2011/10/12 10/2 10 300 2001 2.47 5% में में विमा सिर्ट् में में बर्टीवर्टन टारिस 41-19 4. 1) 201117.12 colon (30 30 30 30 -112) Lette 10 159 at 156 tenal -114 de maior Exerce/ volt 70 144 200 1385. will to 240 LA 01 20 3/1 NHI 2591 48 \$ 944) 2160 21 अपना अभीन का विवर्ग दे रहे है-2011 1012 col 278. 30/395 , 30/309 में कोरह मिला कि। म जो का प्रचा यात्र सामिल है। wile 70 02 2001 1895 50 51. There sity वो पर जम्म विमा करम जामु C- मीजा खिरमा , रवामा संव 12 त्थीर नव 30/317 क्रिवाला सं 8 हिंद दिनाक 27/1/14 में हाहित Signature.....

े जाम विस्मा के की महा भागा 314मा जामीन का विवान दे रहे है. 2014 Hold care of 240, 99, 144, 148 30 डी मारबर गांस प्रताव सं 45A. गाम सिरमा के भीका विसा स्वामा स्वाय स्वाय वर्ष उठ/306 के नाम में हादिल है। B - 29/11 210 12 cole 70 30/6 29/11 1895 703/0 पिता र खुनाय जो मु के नाम छ डाहिल C: 2012/ 4012 10/200 30/8 20091 रामदेव गामु दिसा रच्युनाथ गामु के नाम स A - ग्राम किरमा के मीगता वर्गेट्ड MIHI 19141 410 12 WHE TO अंचल बलीबस अता हासिल है। कुनाहे B- 29/1/210 12 LOTE TO 97/16 2mal किया रुकन ग्रीमु म्यात है निसमें कुवाही प्लीट मण्डव/303 में 314AT WHIOT ON cell 10 30 2001 16 31: Mai car Gast 2011/4012 cole 00 30 2ma 1524 Signature.....

भीका विस्मा के मोगमा ज्यामा अमीन का 2011/10 12 cole 10 30/17 2991 देवनी देवी पति मिक् गंम Eller El प्रात से 8 में भी भी सिरमा के धार् NA 00 1000 29/N/ GO 12 ggi, NIdla as as al. 3 Gaz do 21: स्रिमाय गेन्छ अंगल वन्दीवत्ती वात 10 12 cole 10 240 2901 गुत्र गंमा पित्रां नामु गंमा के नाम C- 2011 1012 cole to 212 range 01 (95'05 जुरा गंकु विता नामु गंकु के नामंदी A विनोर मोगता मीका सिटमा का अपना गेम्ह वा मिलामन गम्ड मिना द ्यासा गामु पारी डामिल walt et 12 भीत के ब्लाट निर्मु Signature.....

प्रमान सं (0) भीज विरमा के "अक्रिय कुमार अपना अमीन का विवान दे रहेर -स्वामा मंगा प्र प्लोर नण उठ रकाका २ एकड 40 की किल्या मन जोक विमा दसई डोग्ड के नाम के पन्ती वारा हाक्रिल है जिसमें पर है। असीन का विचान है रहे हैं -29/11 HO12 cole 70 .30/308 318 गमा था वा वा देश कर वार वार वा के के के के किया है कि हैं चा( , कुवा एवं गालाव अमीन का विवाल हे रहेहें -मिन्टबामा सं 12 टलीट ना 30/311 312 317 327 200) 30 के 32 डी मार्ट जोक निमा सुरक्त जो के नामित B- 29/11 40 12 ( 12 10 30 200) 2 (95 50 5) 2002/ गंक मिना सोहराई गंक के नाम से पना हासिस्टी ८- खाता नण १३ ट्लीटम यक्ता १एकड़ 10 की जो सीररह गंक के नाम से रिसर निर्शत है। 9. रवारा का 12 प्लीट पर 72, 30, 144 रक्तवा 10 बड़ 12 की जो सीटराई मंसु को नाम में हारिस है जिसमें चा है। अपना अभीन का विवाल दे रहे हैं -31441 AHOT 9) DON(0) भर खामा सं 12 ट्योट में 30/30 र मामि अंचला ३ एकड़ 23 डी. बुटन गंम पिमा मनु जो के नामि अंचला व अन्दी वर्स बारा हि टाबिल है मिसम स्ट्रिय Signature.....

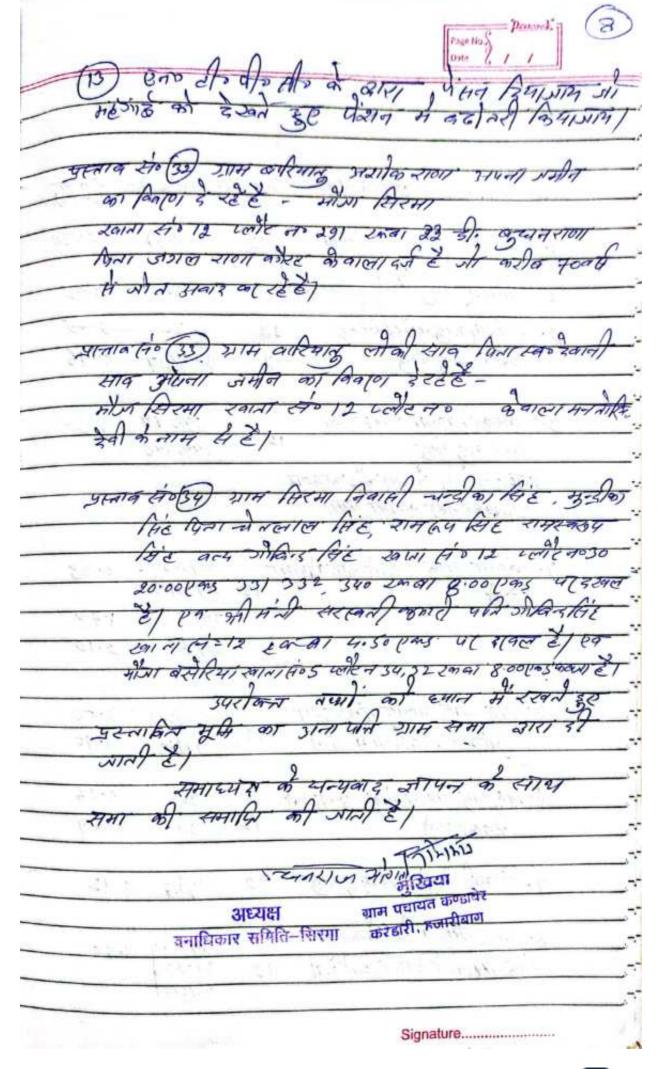
Page No.S B. 2011/ निष्ठा थार अर अर्थ के किया मनु जात के 03 एकड 33 की: बुरन जाम दिया मनु जात के नाम से पनी सामिला है। ट- रवामासंगार प्लीट ना 112 (कवा 9 डी. राजु जोक्त के नाम दे जी ल अगवार है) अमीन का विवाल दे रहे हैं -क्षित्र का विवाल दे रहे हैं -क्षित्र का विवाल दे रहे हैं -क्षेत्र का कि एकी के उपाय के के बाला है। B) JAINI ETO 12 L WICOTO YOU 23 3/2 POUNCH! गाम भागा अनन गाम के नाम से रिस्ट्रिक्गि मोग सिरमा का लाकनाय गेक एन सुनील कुमार जोम्कु अपना अमीन का विवर्ण तिन रवामा संघा १२ प्लील न 282 रक्तवा 1035 82 डी. छ- खामा में 12 जिला उठ रक्तवा 15 री. लीकनाप गोमु के नाम से शिक्ष है मिसमे लालाव है। ट- खामा सं 12 जिला वि रक्तवा 12 डी मिसमें या है औं असमण कुमा (का टारिस है) प्रस्तावसंक 16) भीज विरमा के दशा(प मोजा गा की ZAINICIO 12 COIL TO 240 200 1 1005 82 3/1: दर्शल कावला Signature.....



भागमा आदि भाषा किल् (व) दे रहे हैं 2012/ 4012 rated 30 2001 08 635 95 समी भाम वासियों का खिल का मैरान है। प्राचा सं १३ प्राची के रहे हैं। वर्तीरह अपना किनान हे रहे है। स्वाचा स्त १३ प्राचीर के स्वाप १ एका 50 डी 2901 1 Unsso3/s कवाला एवं कवरा में टामिल है। प्रसाव सं . 24) - मीम सिरमां के मिड़ गंम कोरर एवं स्थार्थ मोगमा कोरर मीम 35 40 थाना १० 41 के ममीन को अपना किन्। दे रहे हैं -व्यामां म्यूष्ट स्थीर में 661 रक्तवा १ एकड़ 90 डी. वन्ही वस्म 217 सामिल है। अस्माव संग्येड) - मीमा विस्मा के कामल मोगमा वर्गन्-मी रवामा नार पन दलीर नर 642 रका अ। 1005 25 3ी. कर्णा हास्तिल है। स्वामां कर 49 ट्लॉरिंग ६२२ रक्तवा २ एकड़ 05 3/0 भारत् अने कार्स कर डामिल है। पुल्ताव सं 26) मीका उह्न में कामल भोगमा वर्गरह, सीमा मोगमानगैरह, चनु गांमु नगैरह , वंदान गंभु नगैरह , दशाएप गंभु नगैरह , मान्यन गम्म नगैरह , पुरेश गंभु , गुड़न गंमु नगैरह , किनोर भोगमा नगेरह , कुन्नन गंभु , जीमन गंभु , यनराम गंभु नगैरह लोगनाप गंभु रनाम नण्यु प्लॉर नण , ६६६ रमावा म्एक १९ की प रस्व क कव्या हैं। " 65% Signature.....

Page No S 314 4/147 ्राम सिरमा महिलारं स A211 N12 dal 41 00 12 call no 249 2 20 91 Signature.....

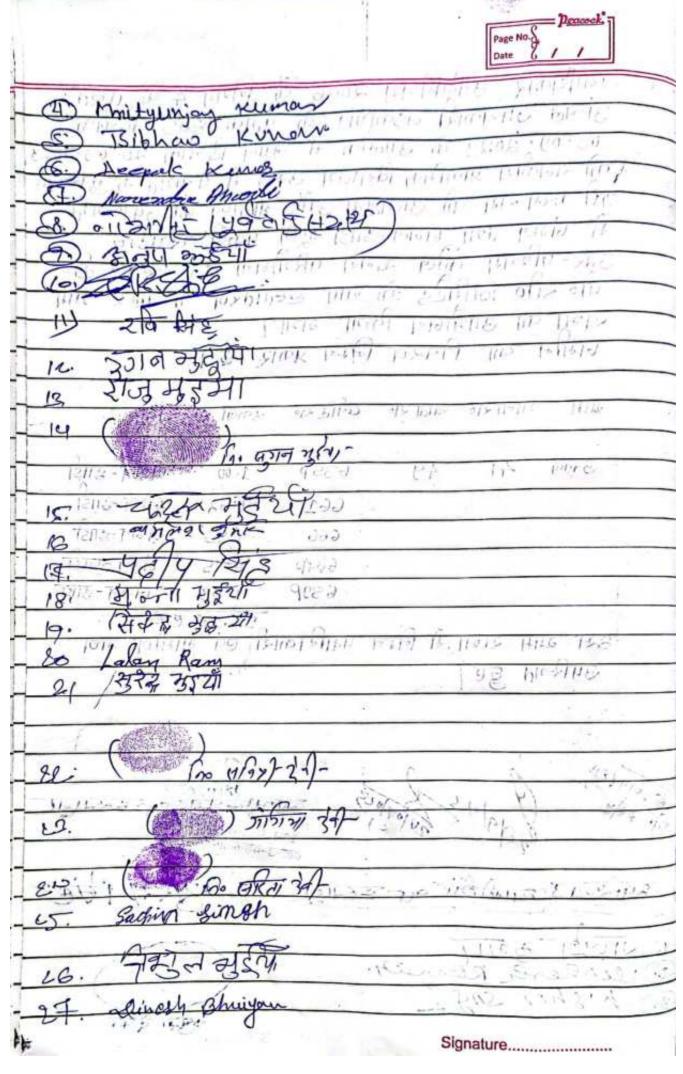
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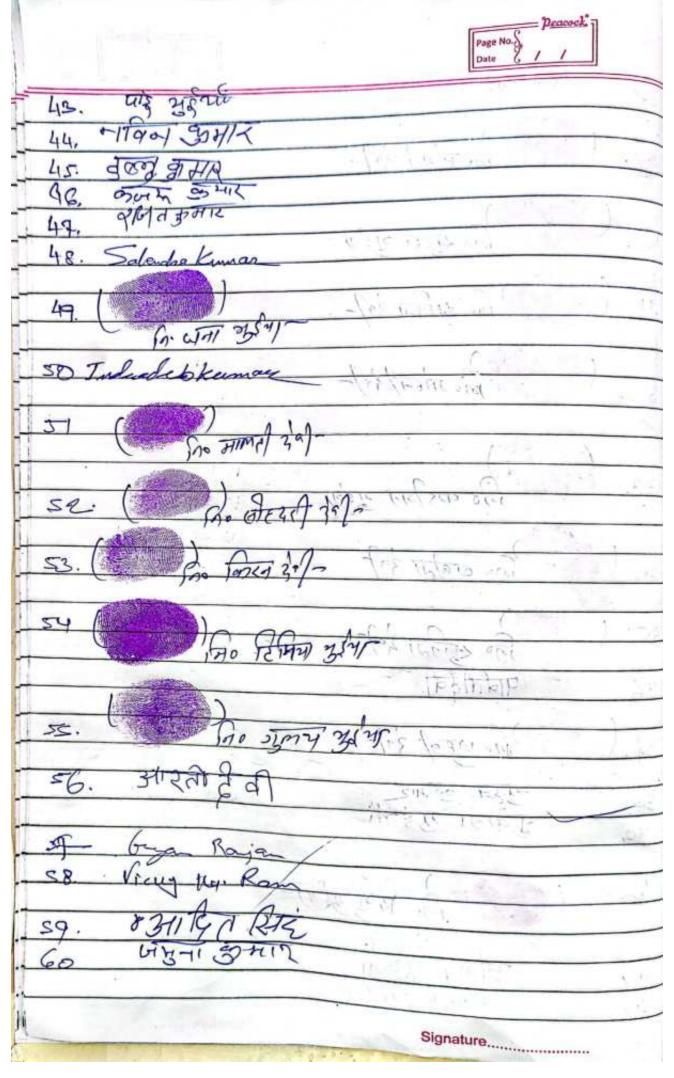
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3. न्याने क्या मंग्र कार दिया।	12	A-30	3.05
3. न्याने द्वा तांमु कारेश्टरिया। स्का या दे गांमु	12	B-3%17	0.16
. क्रीमास भीतामा बर्गेरर पिता	Ower In	240,99,	1.50
- मुन्द होन जन	12	144, 148	
उपतब्ध नहीं कराया अया			
· 1	^	30/2067	
4. बंधन गंगु पत्नी उक्ती। देवी	12		0.38
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	713	30/8 -	2.10
5. मिंड जांक, माध्य गंक, दश	7	30/303	3.06
5. मिंह जांक, माध्य गंह दश मोजना , विहिथा भीजाना	12	97/10	1.90
6. मिंह जांसु साधन जांसु लामी है	की	30	0.16
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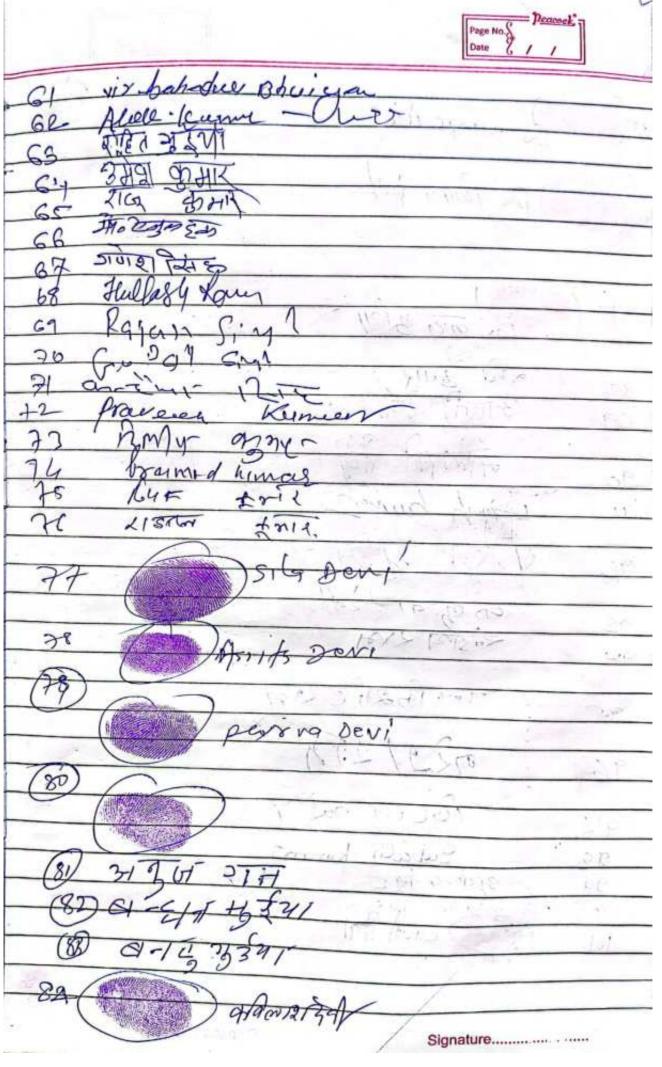
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13. जुड़न जांमा नगेरह रिका स्वर मुंदी जंमा की याल्ये रेबी प्रिट्न मंगा जंमा की जंमा राजु जंग सरजा जंमा अतिन्यी रेबी कल	70/7097
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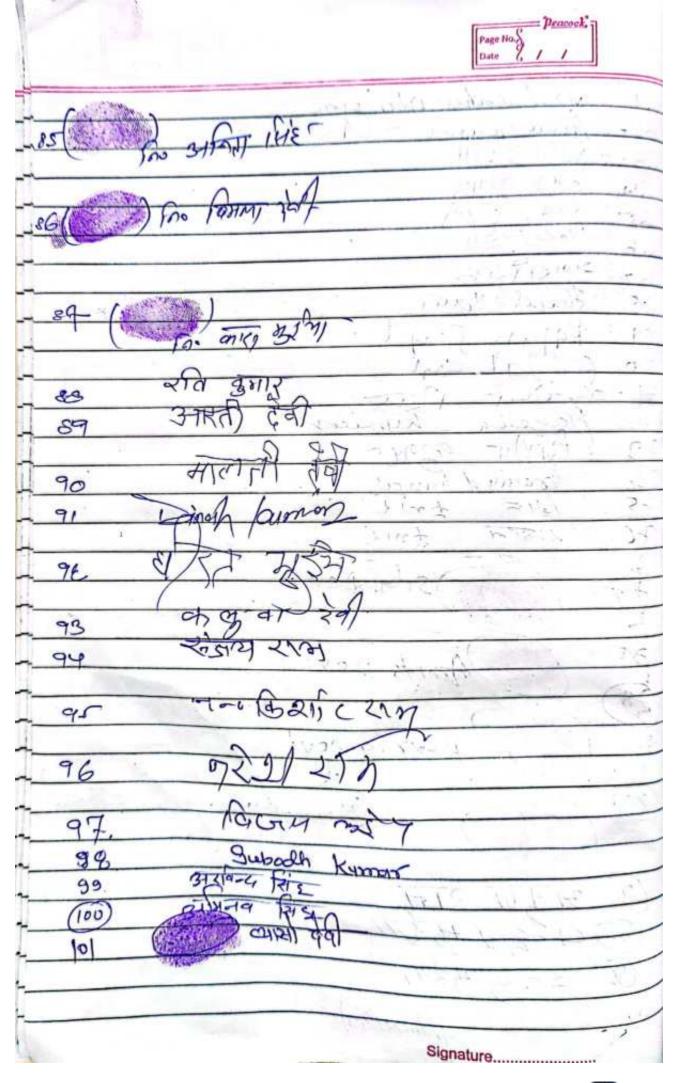
वनाधिकार आधिनिभम 2006 के निमम 4 के अंचल अधिकारी कडकार्यान के पतांक 805 के आजीक में आज दिनांक 08.09.2023 20. 09-2023 को रासकीय प्राथमिक विद्यालय उक्क में पंचायत के मुख्यम अञ्चलता अगेर आभीनों की उपरिमति तभा ज्ञिल-झाड़ी सूमि पकरी कोल खनन परिभोधना नाम हस्तांतर्व वा आभोजन विवरत निम्न प्रकार ant भागास० सातास० वर्गातस० माह Long Do 0.0920 3370 41 49 635 P 1.00 9.82 661 0.0920 अंग्ल-आडी 666 7.95 जंगल न्याडी 4.75 677P जेगल-अधी 689P 0.03 23.55 €0 ग्याम समा में निम्न पदाशिकारी छ्यं उपस्भित 38 3 Ratios पंचायत-सिन्दवारी STOS:-463/H0310 Signature.

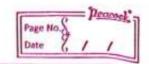


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## छपरोक्त हस्तावरित ग्रामीनी का प्रस्ताव | दावा

प्रस्ताप रा॰ (1) भाम ८४०व में एन्मीही ॰ पी॰ सी॰ कामनी के द्वारा प्रव में उनाय्य शिक्त ग्रेंसाज मुक्ता मूमि जिसका व्यरणपन रीमती मान्यता के स्वमृत्य किया गमा है उसका मुगतान किया जाए

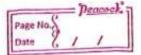
प्रस्ताव स्व (2) हन् व ही वी व सी कम्पनी के द्वारा प्रमादित परिवारों के लिए प्रनावीस स्वं पुर्नस्थापन लाम का प्रावधान के तहत गैरमजुरुवा न्यास स्वं जेगल-साड़ी सुनि स्विधग्रहा हुत रक्ष्मस्य रवतास्य कप्रे प्रति। हक्षड़ के दर से प्रावधान किया गया है उसका सुगतान किया जाए।

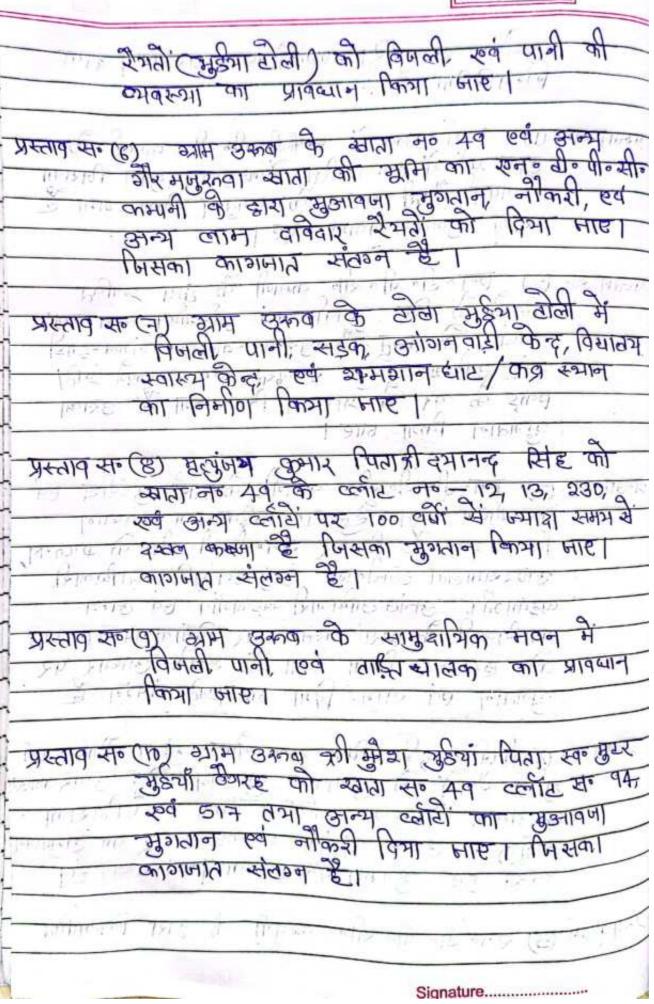
प्रस्ता सक (3) हन थीन पीन सीन कामनी के द्वारा प्रनंतीस हवं प्रमस्योपन जाम हत कि कड़िना का प्रावधान किमा गमा है जिसपर हन थेन पीन सीन के क क कि ला स्वारसमाहीता हजारीबाग, अनुमंद्रन पुलिस प्राधिकारी बड़कागीव, अन्वेत अधिकारी बड़कागीव एवं सन्म प्राधिकारी के हारा प्रस्ताव पर दिनाक 14.09 2018 को हस्ताझर किमा गमा है असके आधार पर सुगतान एवं लाम दिमा जाए प्रित संतक्न है

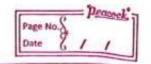
प्रस्तिम्सः (4) मी जी धुडमा विता स्व नेपल मुडमा वैगरह एवं सम्म रैमतो को मुझायाना मुगतान हेत अपरस्कार्स हमारीबाग के द्वारा आदेशित किया गमा है मिसना ज्ञाणंक — उा ०६ दिनीक 17-08-2022 का अनुवासन वन्ते हुए मुगतान किमा जाए प्रित स्टूमन सी

प्रस्ताव सक (5) क्न की वी बी कम्पनी के द्वारा विस्नापित

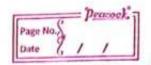




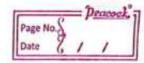




ग्राम - उरुव शी अख्रवर सिंह विता-स्क रीकी व्याता ४१ व्हार सन् - ६८१ ७७७ ११ ११ eee 60 eee त्या क मिसावला मिगपान 60 <u>जार । जिसका काग्रामात्र सेलञ्न है</u> अन्य द्वीयें का कागजात संसम्म है मुगतान किया जाए। प्रस्तावसन् 12 अम उक्तव श्री स्तीध मुद्रिमा विता स्क तेतर मुद्रमा खात या ४१ के ट्लींट सन भुआवाजा भुग्मन हवं राजगार मिसका कागमात संवर्ग प्रस्ताव सन् (13) ग्राम- उनक श्री हान्वर मुक्रमा का नवाता सार 52 व्य ४१ क का भुआवाजा A 1919 Bd रो जगर काराजम सल्यन ह HELED सक्रिया आम अरुका अप वाली मिक्ना प्ता स्व मिनन व्यासा सन 49 कार ट्लीट सन - 09 भैक्सावाला अग्रेशन ६व यालगर किया लाह । विस्तवा काग्रलाप प्रस्ताव सन् १५ गाम अनाव हव चरन क शी विभा स्वा अवस अहमा का न्वावा या स्व वावेदार व्यारा मुआवजा हव 1 क्रिसका कामालम राज्या ह आम खरूव, शी विरसा मुख्या विमा स्वन पुरुमा विश्वरह का 82 all Dallain Bargle जिसका कागजात



वागजात सेलान ना भिमातमा भिगपांग र्यलञ्ज व्याग्रामाप कागलाय सेल्वन गुस्ति। वैशरह का ब्याग सन् दन के क्वार सन् अपम कागाम स्वम् हो यानार Ashlel. सावकार व्याप्ती का अभावजा अवधान छव राजाव जिसका कागज्य संलञ्ज Signature



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