

BHATPARA MUNICIPALITY
Detailed Project Report for Construction of 622 EWS Houses
under BLC mode of Pradhan Mantri Awas Yojana (PMAY)-HFA (U)
for Bhatpara Municipality
2016-17



Submitted By

Bhatpara Municipality
Dist: 24 Parganas(N), West Bengal
September, 2016

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Introductory Note by Chairman



*On the outset I would like to take this privilege to let know you that Halisahar Municipality has finished the preparation of **Housing for All Plan of Action** for the time frame 2015-16 to 2021-22. The municipality has conducted introductory workshop of the Housing for ALL among the members of Board of councillors. Thereafter the core team has been formed for the preparation of the Plan. The Core team has organized several workshops, Focus Group Discussions, Ward Level Consultations among the people across the sections of the citizens and the staff members of the municipality. Citizen, elected councillors and other stakeholders have had interactive sessions and opined about their need, demand, aspirations and the concerned personnel duly recorded those views. The **Housing for All Plan of Action** is the outcome of the series of Demand survey workshops, FGDs, Consultations and meetings. It has been compiled by the technical persons of Bhatpara Municipality which have eventually become the **Housing for All Plan of Action** of Bhatpara Municipality. The respected citizens expressed their valuable opinions and views. Again those views have been duly incorporated in the **Housing for All Plan of Action**.*

*The people of the municipality, the elected councillors, the staff members, the surveyors, the technical persons have extended their fullest cooperation in preparing the whole process of **Housing for All Plan of Action**. I must take the opportunity to acknowledge their endeavours and extend gratitude to the authorities of SUDA and MA Department of Govt. Of W.B. for extending their cooperation.*

*I wish that this **Housing for All Plan of Action** would enable the ULB to undertake comprehensive, sustainable development of its jurisdiction with the growing demand of 21st century's modernized society.*

Aguntyal
Chairman
Bhatpara Municipality

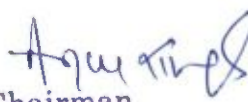
a. Planning Core Team:

1. Mr. Arjun Singh, Chairman, Bhatpara Municipality
2. Mr. Tapan Kumar Banerjee, E.O, Nodal Officer Bhatpara Municipality
3. Mr. Janab Maqsood Alam, C-In-C, (P.W.D), Bhatpara Municipality
4. Mr. D.N.Banerjee, Engineer, Bhatpara Municipality
5. Mr. Swapan Barua, A.E, Bhatpara Municipality
6. Mr. Supriya Aich, Urban Planner, Bhatpara Municipality
7. Mr. Mithun Kumar Das, S.A.E, Bhatpara Municipality
8. Mr. Santu Ghosh, S.A.E, Bhatpara Municipality
9. Mr. Sumanta Kumar, S.A.E, Bhatpara Municipality
10. Mr. Surajit Das, Surveyor, Bhatpara Municipality
11. Mr. Dinesh Shaw, Clerk, Bhatpara Municipality

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 Engineer
 Bhatpara Municipality


 Chairman
 Bhatpara Municipality

c. List of Maps

Sl No.	Name of the Maps
1	Map 1: All Slum showing Maps of Bhatpara Municipality
2	Map 2: Image Map of Slums

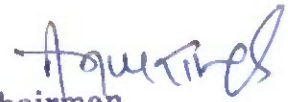
d. List of Figures

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1	Figure 1: Stakeholder and Slum dwellers Workshop at Bhatpara
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3	Figure 3: The institutional arrangement of the mission is describe in below

e. Abbreviation

A&OE	Administrative and Other Expenses	LIG	Low Income Group
AHP	Affordable Housing in Partnership	MD	Mission Directorate
AIP	Annual Implementation Plan	MoA	Memorandum of Agreement
BMTPC	Building Materials & Technology Promotion Council	MoHUPA	Ministry of Housing and Urban Poverty Alleviation
CDP	City Development Plan	MoU	Memorandum of Understanding
CLS	Credit linked subsidy	NA	Non Agricultural
CNA	Central Nodal Agencies	NBC	National Building Code
CPHEEO	Central Public Health and Environmental Engineering Organisation	NHB	National Housing Bank
CSMC	Central Sanctioning and Monitoring Committee	NOC	No Objection Certificate
DIPP	Department of Industrial Policy and Promotion	NPV	Net Present Value
DPR	Detailed Project Report	PLI	Primary Lending Institution
EMI	Equated Monthly Installment	RWA	Residents' Welfare Association
EWS	Economically Weaker Section	SECC	Socio Economic and Caste Census
FAR	Floor Area Ratio	SFCPoA	Slum Free City Plan of Action
FSI	Floor Space Index	SLAC	State Level Appraisal Committee
HFA	Housing for All	SLNA	State Level Nodal Agency
HFAPoA	Housing for All Plan of Action	SLSMC	State Level Sanction and Monitoring Committee
IEC	Information Education & Communication	TDR	Transfer of Development Rights
IFD	Integrated Finance Division	TPQMA	Third Party Quality Monitoring Agency
IIT	Indian Institute of Technology	ULB	Urban Local Boday
IS	Indian Standard	UT	Union Territory


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 Bhatpara Municipality

f.	Working Definitions
Affordable Housing Project:	Housing Projects where 35 % of the houses are constructed for EWS category
Beneficiary	A beneficiary family will comprise husband, wife and unmarried children. The beneficiary family should not own a pucca house (an all-weather dwelling unit) either in his//her name or in the name of any member of his/her family in any part of India
Carpet Area	Area enclosed within the walls, actual area to lay carpet. This area does not include the thickness of the inner walls.
Central Nodal Agencies	Nodal Agencies identified by Ministry for the purposes of implementation of Credit Linked subsidy component of the mission
Economically Weaker Section(EWS)	EWS households are defined as households having an annual income up to Rs 3, 00,000(Rupees Three Lakhs). States/UTs shall have the flexibility to redefine the annual income criteria as per local conditions in consultation with the Centre
EWS House	An all-weather single unit or a unit in a multi storeyed super structure having carpet area of upto 30 sq.m. with adequate basic civic services and infrastructure services like toilet , water, electricity etc. States can determine the area of EWS as per their local needs with information to Ministry
"Floor Area Ratio" (FAR)/FSI	The quotient obtained by dividing the total covered area (plinth area) on all the floors by the area of the plot:
Implementing Agencies	Implementing agencies are the agencies such as Urban Local Bodies, Development Authorities, and Housing Boards etc. which are selected by State Government / SLSMC for implementing Housing for All Mission.


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Low Income Group (LIG)	LIG households are defined as households having an annual income between Rs.3, 00,000 (Rupees Three Lakhs One) up to Rs.6, 00,000 (Rupees Six Lakhs). States/UTs shall have the flexibility to redefine the annual income criteria as per local conditions in consultation with the Centre.
Primary Lending Institutions (PLI)	Scheduled Commercial Banks, Housing Finance Companies, Regional Rural Banks (RRBs), State Cooperative Banks, Urban Cooperative Banks or any other institutions as may be identified by the Ministry
Slum	A compact area of at least 300 population or about 60-70 households of poorly built congested tenements, in unhygienic environment usually with inadequate infrastructure and lacking in proper sanitary and drinking water facilities.
State Land Nodal Agencies (SLNAs)	Nodal Agency designated by the State Governments for implementing the Mission
Transfer of Development Rights (TDR)	TDR means making available certain amount of additional built up area in lieu of the area relinquished or surrendered by the owner of the land, so that he can use extra built up area himself in some other land.


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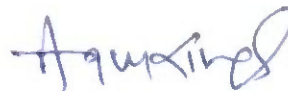

 Chairman
 Bhatpara Municipality

Brief History Bhatpara Municipality.

Bhatpara Municipality is one of the 41 Urban Local Bodies in the Kolkata Metropolitan Area. Bhatpara Municipality is one of the largest Municipalities in West Bengal within Kolkata Metropolitan Area. In the British era and afterwards it had become an important industrial hub on Hooghly river bank mainly for the high density of jute processing plants. It is one of the oldest municipalities in West Bengal and it was constituted a municipality in 1899, when it was separated from the Naihati municipality. At the beginning of 20th century; the British had constructed mills, especially Jute mills on the riverfront of Hooghly and hired labour mainly from Bihar & Uttar Pradesh with the help of local Mukhias. In the British era and afterwards it had become an important industrial hub on Hooghly river bank mainly for the high density of jute processing plants. It is a town in the district of North 24 Parganas. It is bounded on south by South 24 Parganas, on west by Hooghly district, on north by Nadia district and on east by Bangladesh. The township covers an Area of 32.44 square km. The whole area is divided into 35 wards for the purpose of municipal administration. The main town is sandwiched between the Hooghly River in the west and railway track linking Sealdah and Krishnanagar in the east. It's located on the Northern side of KMA area about 36 Km from Kolkata.

As per provisional reports of Census India, population of Bhatpara in 2011 is 390,467; of which male and female are 207,876 and 182,591 respectively. The sex ratio of Bhatpara city is 878 per 1000 males. Bhatpara has a rail station named 'Kankinara' which connects it to Kolkata through Sealdah main line to Krishnanagar and Ranaghat. It also has boat services to the other bank of Hooghly River, connecting it to Chinsura and Chandannagar. The municipality is very thickly populated compared to other municipalities within North 24 Parganas district due to the existence of industries, Government establishments, Housing complex etc. The town is well connected by roads (Kalyani Barrackpore Expressway) and rail with the state capital. The distance between Kolkata and Bhatpara is 36 Kms Inclusion of four GPs including Madral-Panpur, Narayanpur, Rahuta II & I etc. in the year 1995 with total area further increased to 32 sq. km. The municipal town is characterized with rich historical footprints with the genesis of erstwhile village moujas like Bhatpara, Kankinara, Jagatdal Authpur and Shyamnagar can be traced back to the Mohammedans period. In the 17th & 18th century Jagatdal was an important commercial place where German capitalists had their Kutirs, known as Bankibazar. Bhatpara area was once abode of Sanakrit and Nayay Shastra learning.


Engineer
Bhatpara Municipality


Chairman
Bhatpara Municipality

Annexure-7C
(Para 14.5 of the Guidelines)

Format for Project under Beneficiary led Construction or Enhancement

1	Name of the State	WEST BENGAL														
2	Name of the City	BHATPARA														
3	Project Name	HOUSING FOR ALL														
4	Project Code	19801695014														
5	State Level Nodal Agency	SUDA														
6	Implementing Agency / ULB'	BHATPARA MUNICIPALITY														
7	Date of approval by State Level sanctioning and Monitoring Committee (SLSMC)															
8	No. of locations covered in project	<table border="1"> <thead> <tr> <th>Name of Location</th> <th>No. of beneficiary</th> <th>Whether Slum (Y/n)</th> <th>if yes, 1 if notified, 2 if recognised and 3 if identified</th> <th>if slum, whether it gets completely rehabilitated Y/n</th> </tr> </thead> <tbody> <tr> <td align="center" colspan="5">26 Nos</td> </tr> </tbody> </table>	Name of Location	No. of beneficiary	Whether Slum (Y/n)	if yes, 1 if notified, 2 if recognised and 3 if identified	if slum, whether it gets completely rehabilitated Y/n	26 Nos								
Name of Location	No. of beneficiary	Whether Slum (Y/n)	if yes, 1 if notified, 2 if recognised and 3 if identified	if slum, whether it gets completely rehabilitated Y/n												
26 Nos																
9	Project Cost	2516.89														
10	No of Beneficiaries covered in the project	<table border="1"> <thead> <tr> <th>Gen</th> <th>SC</th> <th>ST</th> <th>OBC</th> <th>Total</th> <th>Minority</th> <th>Person with Disability</th> </tr> </thead> <tbody> <tr> <td align="center">434</td> <td align="center">148</td> <td align="center">8</td> <td align="center">32</td> <td align="center">622</td> <td align="center">0</td> <td align="center">0</td> </tr> </tbody> </table>	Gen	SC	ST	OBC	Total	Minority	Person with Disability	434	148	8	32	622	0	0
Gen	SC	ST	OBC	Total	Minority	Person with Disability										
434	148	8	32	622	0	0										
11	Whether beneficiary have been selected as PMAY guideline? (Yes/No)	YES														
12	No. of houses constructed / acquired Please specify ownership (any of these)	<table border="1"> <thead> <tr> <th>Joint</th> <th>Female</th> <th>Male</th> <th>Transgender</th> </tr> </thead> <tbody> <tr> <td align="center">0</td> <td align="center">196</td> <td align="center">426</td> <td align="center">0</td> </tr> </tbody> </table>	Joint	Female	Male	Transgender	0	196	426	0						
Joint	Female	Male	Transgender													
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13	No. of beneficiaries covered in project	<table border="1"> <thead> <tr> <th>Joint</th> <th>Female</th> <th>Male</th> <th>Transgender</th> </tr> </thead> <tbody> <tr> <td align="center">0</td> <td align="center">196</td> <td align="center">426</td> <td align="center">0</td> </tr> </tbody> </table>	Joint	Female	Male	Transgender	0	196	426	0						
Joint	Female	Male	Transgender													
0	196	426	0													
14	Whether it has been ensured that selected beneficiaries have rightful ownership of the land	YES														
15	Whether building plan for all houses have been approved	YES														
16	i) Govt grant required (Rs. 1.5 lakh per eligible beneficiary) (Rs in Lakhs)	933.00														
	ii) State grant, if any (Rs. In lakhs)	1313.98														
	iii) ULB grant, if any (Rs. In Lakh)	114.40														
	iv) Beneficiary Share (Rs.in lakhs)	155.50														
	Total (Rs.in lakh)	2516.89														
17	Whether technical specification/ design for housing have been ensured as per Indian Standards/NBC/ State norms.	YES														
18	Whether it has been ensured that balance cost of construction is tied up with State grant, ULB grant & beneficiary share?	YES														

19	Whether trunk and line infrastructure is existing or being provisioned		YES
	i) Water Supply (Yes/ No)		
	(ii) Sewerage (Yes / No)		NO
	iii) Road (Yes / No)		YES
	iv) Storm Water Drain (yes/No)		YES
	v) External Electrification (Yes/No)		YES
	vi) Solid Waste Management (Yes/No)		YES
	vii) Any other, specify		N.A
	viii) In case, any infuture has not been proposed, reasons thereof.		N.A
20	Whether disaster (earthquake, flood, cyclone landslide etc.) resistance features have been adopted in concept, design and implementation?		YES
21	Whether Demand Survey completed for entire city?		YES
22	Whether city-wide integrated project have been formulated? If not, reasons thereof.		YES
23	Whether validation with SECC data for housing conditions conducted?		YES
24	Whether Direct Benefit Transfer (DBT) of fund to individual bank account of beneficiary ensured in the project?		YES
25	Whether there is provision in DPR for tracking/ monitoring the progress of individual houses through geo-tagged photographs?		YES
26	Whether any innovation/cost effective/Green technology adopted in the project?		YES
27	Comments of SLAC after techno economic appraisal of DPR.		
28	Brief of project , including any other information ULB/State would like to furnish.		

*State will give code number to each project sanctioned under HFA as 'ABCDEFGHIJKLM'


(Where 'AB' is State Code as per census 'CDEFGH' is city code as per census 'IJ' is running number of project of the city and 'K' is project component code i.e. 'k' will be 1-for in-situ- slum redevelopment, 2 -for Relocation 3- for AHP and 4-for Beneficiary led-Construction or enhancement) , 'L' will be N- for New, R- for Revised, 'M' will be running number which will be O for new and 1 and so on for revision.

It is hereby confirmed that State /UT/ and ULB have checked all the beneficiaries as per guideline of HFA. It is also submitted that no beneficiary has been selected for more than one benefit under the Mission including Credit Linked Subsidy Scheme (CLSS) component of the Mission.

Signature
(State Level Nodal Officer)

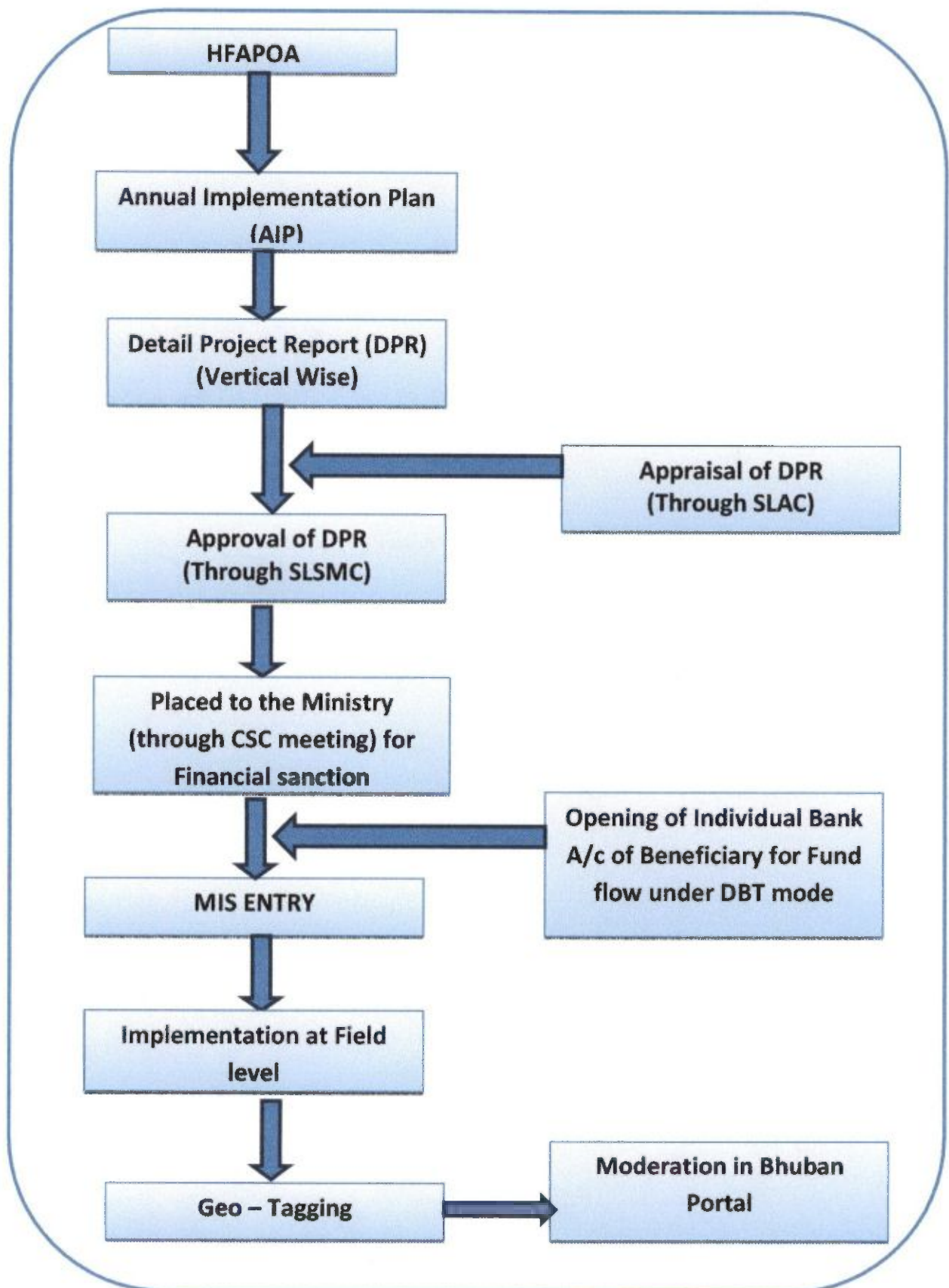

Engineer
Bhatpara Municipality

Signature
(Secretary / Principal Secretary, Concerned Department)


Chief Engineer
M.E Directorate
Deptt. of Municipal Affairs
Govt. of West Bengal


Chairman
Bhatpara Municipality

Work flow of PMAY – HFA (U) for 2016-17





Engineer
Bhatpara Municipality


Chairman
Bhatpara Municipality

Implementation Schedule 2016-17

Sl. No.	Activity	2017																											
		September				October				November				December				January				February				March			
		1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
1.0	Preparation of field works & MIS entry																												
2.0	Construction of Single storied DU including S & P, Elec.																												
3.0	Geo-tagging of DU																												
4.0	Infrastructure Works (Tendering formalities and Implementation for field works																												


Engineer
 Bhatpara Municipality


Chairman
 Bhatpara Municipality

4. Executive Summary**Project Details**

1	State		: West Bengal
2	City		: Bhatpara Municipality
3	Project Name		: Pradhan Mantri Awas Yojana Housing for All (Urban)
4	Project Cost	(Rs. In Lacs)	: 2516.89
5	Central Share	(Rs. In Lacs)	: 933.00
6	State Share	(Rs. In Lacs)	: 1313.98
7	ULB Share	(Rs. In Lacs)	: 114.40
8	Beneficiary Share	(Rs. In Lacs)	: 155.50
9	Total Infrastructure cost	(Rs. In Lacs)	: 228.81
10	Percentage of Infrastructure cost of Housing Cost		: 10.00 %
11	Infrastructure cost per	(Rs. In Lacs)	: 0.3678
12	Year of Implementation		: 2016-17
13	Component Housing construction		: Beneficiary Led Construction (BLC)
14	SOR Adopted		: PWD (WB) w.e.f 1.7.14 with current corrigendum.

Project Contributions (Physical + Financial) (Rs. In lacs)

Sl No.	Scheme Component	Type	Quantity	Unit	Rate (in Rs./unit)	Proposed project cost (in lakh)	Appraised Project Cost (in lakh)	Central Share (@ Rs. 1.5 Lac/D.U.)	State Govt. Share (@Rs.1.92858 Lac/D.U.)	ULB Share	Beneficiaries Share (@ Rs. 0.25 Lac/D.U.)
A. HOUSING											
1	New In- situ										
	Single storied units		622	Nos.	367858.00	2288.08	2288.08	933.00	1199.58	0.00	155.5
	Total Housing Cost Sub Total (A)					2288.08	2288.08	933.00	1199.58	0.00	155.5
B. INFRASTRUCTURE											
Sl No.	Scheme Component	Type	Quantity	Unit	Rate (in Rs./unit)	Proposed project cost (in lakh)	Appraised Project Cost (in lakh)	Central Share (in lakh)	State Govt. Share (@ 50%) (in lakh)	ULB Share (@ 50%) (in lakh)	Beneficiaries Share (in lakh)
1	Roads										
i	BT Roads	Bituminous	00	Sqm	00.00	00.00	00.00	0.00		00.00	0.00
ii	CC Roads	Cement Concrete	6480.21	Sqm	2605.01	168.81	168.81	0.00	84.405	84.405	0.00
2	Water Supply										
i	Pipeline (Dist.)	100 mm dia. Dist. (DI)	00	Mtr	100.00	00.00	00.00	0.00	00.00	00.00	0.00
3	Storm Water Drains										
i	Surface drain	Brick Masonry	2362.2	Mtr	2540.00	60.00	60.00	0.00	30.00	30.00	0.00
	Total Infrastructure Cost Sub Total (B)					228.81	228.81	0.00	114.405	114.405	0.00
	Grand Total (A+B)					2516.89	2516.89	933.00	1313.985	114.405	155.50

Signature of the ULB Level Competent

Name & Designation:

Address:

Fax No: + 91-33-

Telephone No.: + 91-33-

Mobile No.:

E-mail:

Signature of the State Level Competent Technical

Name & Designation: Amit Das, Chief Engineer, Municipal Engineering Dte, Govt. of West Bengal

Address: Bikash Bhawan, South Block, 1st Floor, Salt lake, Kolkata - 7000 91

Fax No: +91- 33- 23375474

Telephone No.: +91-33-23371331

Mobile No.: (0)9475825219

E-mail: ce_medte@yahoo.com

Chief Engineer
M.E. Directorate
Dept. of Municipal Affairs
Govt. of West Bengal

Signature of the State Level Nodal Officer

Name & Designation: Sri M.N. Pradhan, IAS
Director, SUDA

Address: State Urban Development Agency

Fax No: 91-33-23585767

Telephone No: + 91-33-23585767

Mobile No.: (0) 9830031488

E-Mail: wbsudadir@gmail.com

Signature of the Chairman / CEO/Commissioner of ULB/

Name & Designation:
Chairman, Bhatpara Municipality

Address:

Fax No.:

Telephone No.:

Mobile No.:

E-mail No.:

Engineer
Bhatpara Municipality

Chairman
Bhatpara Municipality

5. SLUM WISE DETAILS OF FUND

SLUM WISE DETAILS OF DU AND INFRASTRUCTURE COST OF 2016-17										
Slum No.	Name of Slum	Slum Code	Area SqKm	Population	Dwelling Units (@ Rs. 3.67858 Lakh/ each)		Drainage (M) (Rs.2540.00/M) (Section - 400x400)		Pipe Line @ Rs.1066.00 /M	
					Qty.(Nos)	Amt. (In Lakh)	Qty.(M)	Amt. (In Lakh)	Qty.(M)	Amt. (In Lakh)
1	Baburani Para(S.C.-001)	1	0.07	1596	7	25.75	25	0.635	0	0
2	Kurnar Para Burning Ghat(S.C.-002)	2	0.08	2741	4	14.71	20	0.508	0	0
3	Ambagan(S.C.-005)	5	0.31	3618	24	88.29	100	2.54	0	0
4	Padma Pukur Road(S.C.-006)	6	0.27	5952	26	95.64	105	2.667	0	0
5	Kantadanga Road(S.C.-007)	7	0.13	5768	18	66.21	65	1.651	0	0
6	Sundhya Para(S.C.-018)	18	0.07	1521	24	88.29	110	2.794	0	0
7	B.L.10(S.C.-022)	22	0.02	2823	7	25.75	25	0.635	0	0
8	B.L.11(S.C.-045)	45	0.10	7468	6	22.07	20	0.508	0	0
9	B.L.09(S.C.-048)	48	0.02	1071	1	3.68	10	0.254	0	0
10	Netaji Nagar Colony(S.C.-064)	64	0.04	2604	29	106.68	125	3.175	0	0
11	Battala Ramkrishna Pally(S.C.-067)	67	0.02	2076	36	132.43	135	3.429	0	0
12	Nag Bagan(S.C.-069)	69	0.11	3034	13	47.82	65	1.651	0	0
13	Dilli Bagan(S.C.-076)	76	0.05	724	8	29.43	35	0.889	0	0
14	Malakarpara (S.C.-078)	78	0.12	1712	5	18.39	30	0.762	0	0
15	B.R.S.(S.C.-079)	79	0.21	5124	30	110.36	130	3.302	0	0
16	Rahula(S.C.-081)	81	0.21	2687	21	77.25	120	3.048	0	0
17	Hindustan Colony(S.C.-082)	82	0.12	1870	28	103.00	140	3.556	0	0
18	Milangar Udyanagar(S.C.-083)	83	0.08	1473	25	91.96	125	3.175	0	0
19	Balishkhana (S.C.-091)	91	0.13	1284	30	110.36	150	3.81	0	0
20	Subhashpur (S.C.-094)	94	0.16	1106	32	117.71	163	4.1402	0	0
21	Purba Para(S.C.-101)	101	0.09	430	18	66.21	55	1.397	0	0

22	Durga Nagar(S.C.-102)	102	0.03	508	40	147.14	105	2.667	0	0
23	Jay Chandi Tala(S.C.-105)	105	0.08	396	45	165.54	120	3.048	0	0
24	Kamar Pukur Dhar(S.C.-106)	106	0.13	1131	31	114.04	103	2.6162	0	0
25	Badam Tala Milan Pally(S.C.-110)	110	0.06	978	54	198.64	160	4.064	0	0
26	Manasha Colony(S.C.-114)	114	0.25	1919	60	220.71	121.2	3.07848	0	0
Total			2.96	61614	622	2288.08	2362.20	60.00	0.00	0.00


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6. INFRASTRUCTURE COST

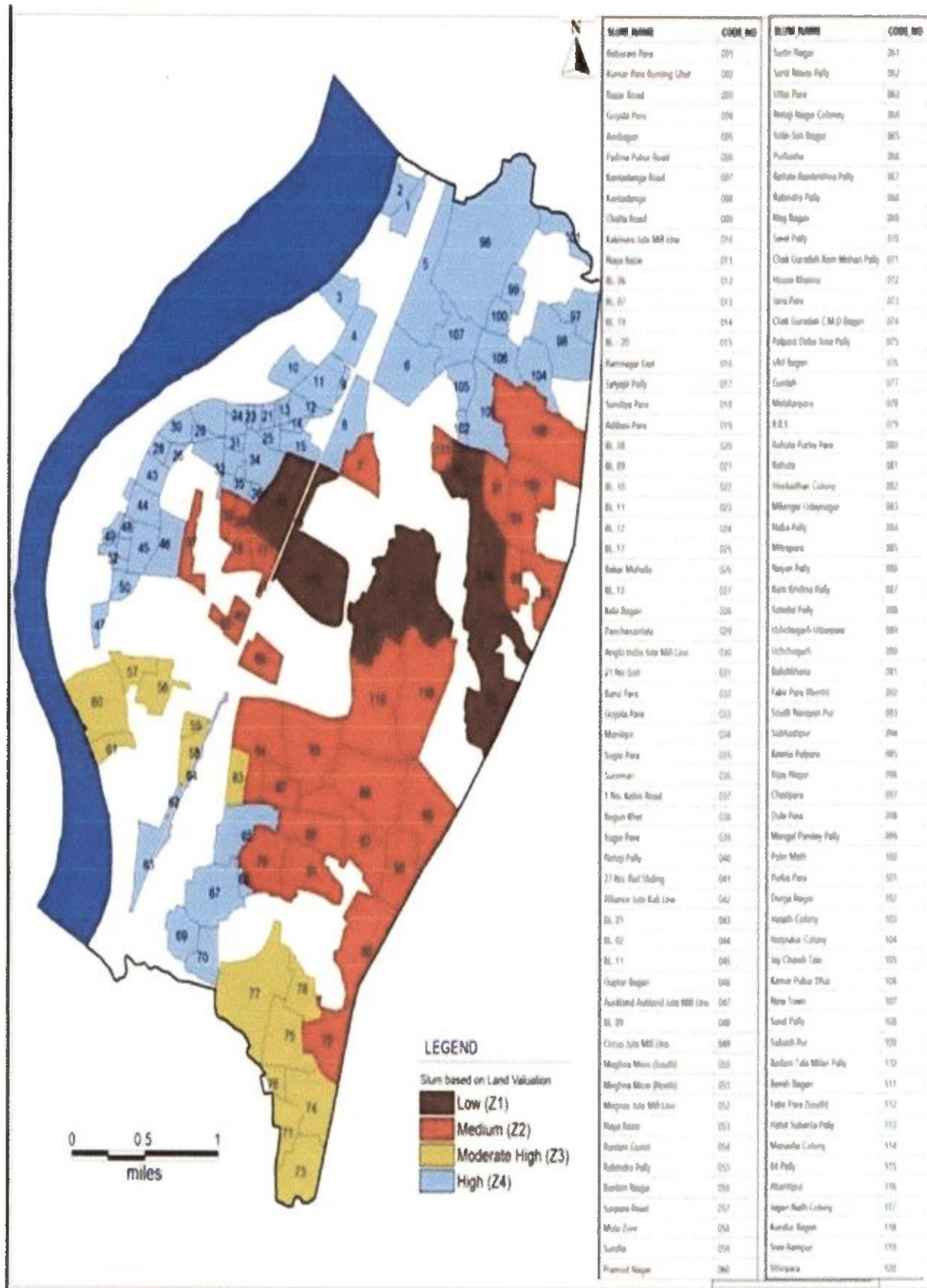
Slum No.	Name of Slum	Slum Code	Area SqKm	Population	Drainage (M)		Pipe Line @ Rs.1066.00 /M		Concrete Roads	
					(Rs.2540.00/M) (Section 400x400)				(@ Rs. 2605.01/Sq.M)	
					Qty.(M)	Amt. (in Lakh)	Qty.(M)	Amt. (in Lakh)	Qty.(M)	Amt. (in Lakh)
1	Baburani Para(S.C.-001)	1	0.07	1596	25	0.635	0	0	150	3.91
2	Kumar Para Burning Ghet(S.C.-002)	2	0.08	2741	20	0.508	0	0	135	3.52
3	Ambagan(S.C.-005)	5	0.31	3618	100	2.54	0	0	250	6.51
4	Padma Pukur Road(S.C.-006)	6	0.27	5952	105	2.667	0	0	280	7.29
5	Kantadanga Road(S.C.-007)	7	0.13	5768	65	1.651	0	0	250	6.51
6	Sundiye Para(S.C.-018)	18	0.07	1521	110	2.794	0	0	290	7.55
7	B.L.10(S.C.-022)	22	0.02	2823	25	0.635	0	0	160	4.17
8	B.L.11(S.C.-045)	45	0.10	7468	20	0.508	0	0	155	4.04
9	B.L.09(S.C.-048)	48	0.02	1071	10	0.254	0	0	150	3.91
10	Nelaji Nagar Colony(S.C.-064)	64	0.04	2804	125	3.175	0	0	350	9.12
11	Battala Ramkrishna Pally(S.C.-067)	67	0.02	2076	135	3.429	0	0	350	9.12
12	Nag Bagan(S.C.-069)	69	0.11	3034	65	1.651	0	0	205	5.34
13	Ullal Bagan(S.C.-076)	76	0.05	724	35	0.889	0	0	170	4.43
14	Malekarpara(S.C.-078)	78	0.12	1712	30	0.762	0	0	110	2.87
15	B.R.S.(S.C.-079)	79	0.21	5124	130	3.302	0	0	280	7.29
16	Rahuta(S.C.-081)	81	0.21	2687	120	3.048	0	0	250	6.51
17	Hindustan Colony(S.C.-082)	82	0.12	1870	140	3.556	0	0	310	8.08
18	Milangar Udyanagar(S.C.-083)	83	0.08	1473	125	3.175	0	0	250	6.51
19	Balishihana(S.C.-091)	91	0.13	1264	150	3.81	0	0	280	7.29
20	Subhashpur(S.C.-094)	94	0.16	1106	163	4.1402	0	0	300	7.82
21	Purba Para(S.C.-101)	101	0.09	430	55	1.397	0	0	205	5.34
22	Durga Nagar(S.C.-102)	102	0.03	508	105	2.667	0	0	290	7.55
23	Jay Chandi Tale(S.C.-105)	105	0.08	396	120	3.048	0	0	280	7.29
24	Kamar Pukur Dhar(S.C.-106)	106	0.13	1131	103	2.6162	0	0	275	7.16
25	Badam Tale Milan Pally(S.C.-110)	110	0.06	978	160	4.064	0	0	360	9.38
26	Manasha Colony(S.C.-114)	114	0.25	1919	121.2	3.0785	0	0	395.21	10.30
Total			0.76	61614	2362.2	60.00	0	0	6480.21	168.81


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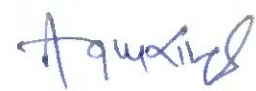

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7. MAP OF BHATPARA




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8. CITY PROFILE

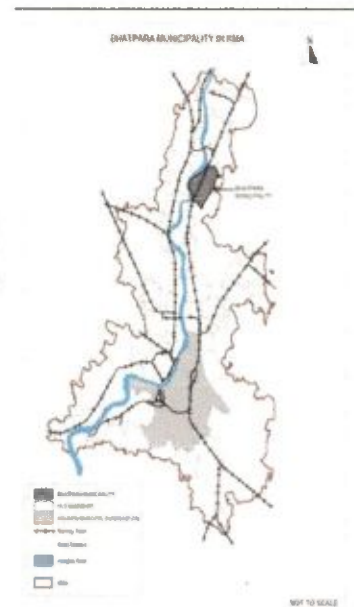
City Overview

Constituted in 1899 with the de-merger of part of municipal area (consisting of Bhatpara, Jagatdal, Authpur and Shyamnagar, together with the village Kankinara) falling under erstwhile Naihati Municipality, Bhatpara Municipality is one of the oldest municipalities in West Bengal. It is one of the northern most towns of North 24 Parganas District of West Bengal and Kolkata Metropolitan Area (KMA). The municipality falls under Jagatdal PS jurisdiction of Barrackpore subdivision. The name 'Bhatpara' originates from the ancient name "Bhatta-Palli", where "Bhatta" denotes the section of Brahmin Sanskrit pandits and "Palli" denotes locality or village.

Owing to strategic location of the town with bank of river Hooghly bordering the town along the western side of the town, Bhatpara Municipality is home to number of water intensive industries (mainly Jute milling units) all located along the river bank. These jute mills drew in large pool of labour forces mainly from the Bihar & Uttar Pradesh who gradually settled at Coolie lines just nearest to the mills or in the vicinity of the mills. Over the years, with the economic downturn coupled with stiff overseas competition some of Jute Mills discontinued their operations in Bhatpara leading to gradual transformation from an industrial hub to a city with mere existence of handful of jute mills.

History and Evolution of Bhatpara

Since the incorporation of the municipality in 1899 slicing out the southern part of Naihati Municipality admeasuring an area of 11.65 Square Kms. Bhatpara Municipality is observed to have constantly evolved and grown in area with the inclusion of part or full adjacent village mouzas afterwards. Following are the additions to the jurisdiction of the municipality in a chronological order: Inclusion of whole village Sundia, a portion of Sthirpara Mouza and Chalkgurdah Mouza on 8th July 1924 leading to rise in municipal area to 14.24 Sq. km with effect from 1st April 1925. Inclusion of four GPs including Madral-Panpur, Narayanpur, Rahuta II & I etc. in the year 1995 with total area further increased to 32 sq. km.



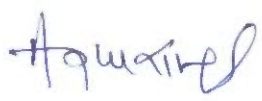
The municipal town is characterized with rich historical footprints with the genesis of erstwhile village moujas like Bhatpara, Kankinara, Jagatdal Authpur and Shyamnagar can be traced back to the Mohammedans period. In the 17th & 18th century Jagatdal was an important commercial place where German capitalists had their Kutirs, known as Bankibazar. Bhatpara area was once abode of Sanakrit and Nayay Shastra learning.

Location of Bhatpara

Bhatpara Municipality is located at the northern part of Kolkata Metropolitan Area with its i) latitude position being 22°53'00" latitude North, 22°48'34" latitude South and ii) longitude position at 88°26'00" longitude East and 88°22'08" longitude West. The Town has an average elevation of 12 metres (39 feet) from west to east direction.

The municipality is bordered by the river Hooghly along the western side of the town, while the Barrackpore Kalyani Expressway defines the eastern boundary of the municipality. The municipality is surrounded by rural areas in the South and Eastern side with villages namely Kawgachi Gram panchayat located in the South and Panpur & Abhirampur Gram panchayat towards East. In terms of proximity to other major towns, the municipality is bounded by Naihati Municipality towards North and Garulia Municipality to the South. The city is connected with the railway line from Sealdah (Kolkata) and railway line cuts across the length of the city into eastern and western parts.


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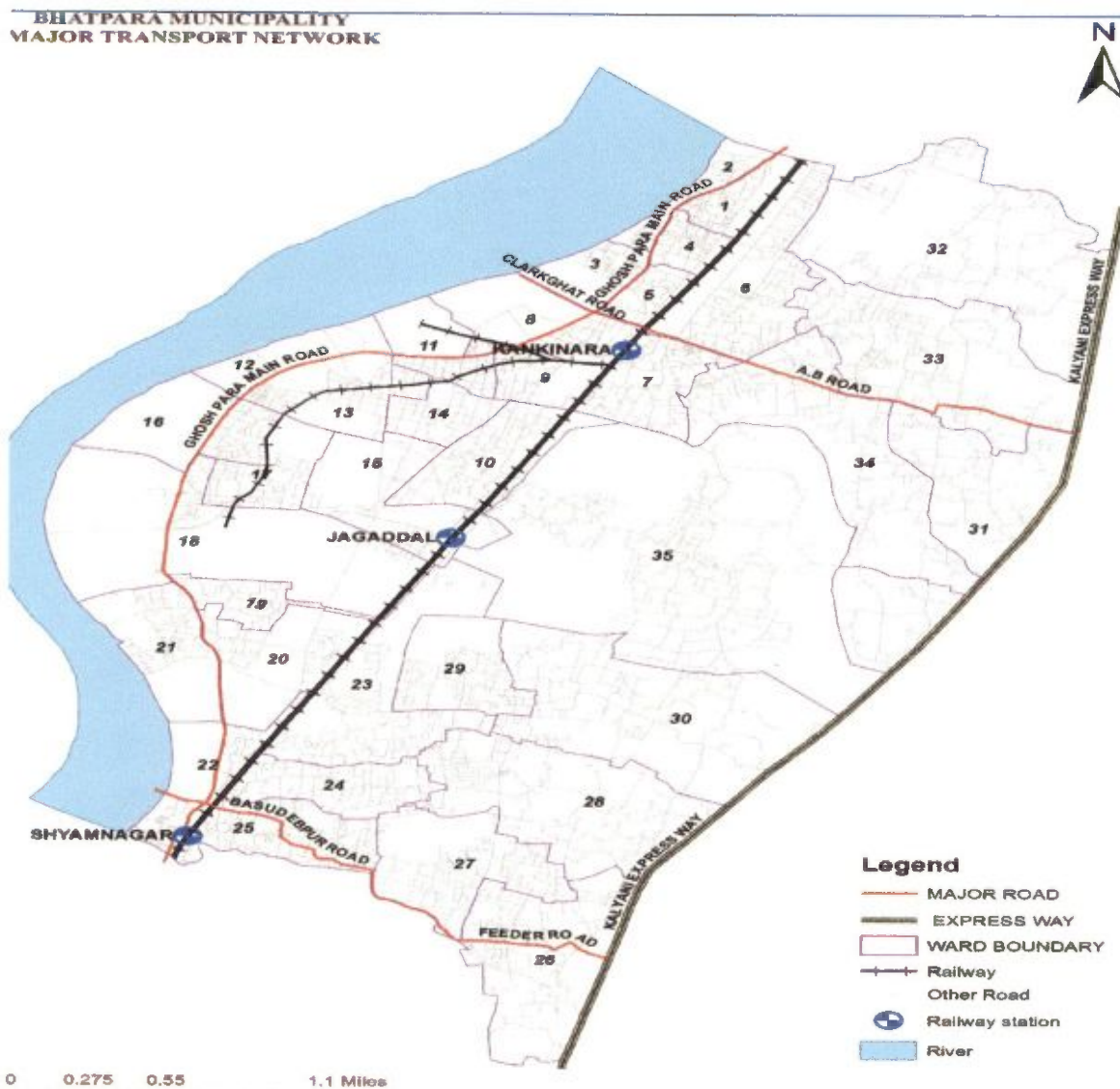

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Physical Linkages

Bhatpara is located 37 Km North of Kolkata-the state capital and it is linked by both modes of transportation viz. Road and Rail, state highway and a number of district Roads have linked the town with Kolkata, other important towns and places of North 24 Parganas and other district HQs mainly through Barrackpur Trunk Road and Barrackpore Kalyani Expressway. Other major roads including Ghosh Para main road, A.B Road, Basudevpur Road, Clarkghat Road etc. serve different parts of the town in connecting them with state highway and Barrackpur Trunk Road.

The town is well connected with remaining parts of the state by railway. There are 3 railway stations Kankinara, Shyamnagar, and Jagaddal within the municipality area and they connect the town.

Figure 2 Transportation Network in Bhatpara Municipality



through Sealdah (Kolkata) main line supporting movement of the daily passengers using a suburban railway services for coming down at Kolkata for work. It also caters for the daily movement of the majority of goods to Kolkata and other areas.

In addition, number of regular ferry services is operating on Hooghly River and the services connect the town to Hooghly-Chinsurah, Chandernagar, and Bhadreswar - towns on other bank of Hooghly river. The images below present transportation network of Bhatpara Municipality and entire Bhatpara Municipal area in Satellite Image


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BHATPARA MUNICIPALITY



Map 1 Bhatpara Municipality on satellite image


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1. EXISTING CENTRAL GOVT. PROJECT OF BHATPARA MUNICIPALITY.

In the areas of slum development, housing and infrastructural development projects have been taken up in the last 7 years under BSUP. Projects have been undertaken in four phases in Bhatpara and a total of 4577 DUs have been allotted till December 2013. The following table presents the details of the 4 phases of BSUP scheme carried out in Bhatpara Municipality till March 2014.

Table 2 Details of BSUP implemented in Bhatpara Municipality

Sl. No.	Phase	Total Investment for Housing and Basic Amenities (in Lakhs)	Total no. of DUs allotted	Total No. of DUs occupied
1.	Phase I	1791.38	797	797
2.	Phase II	6955.58	1947	1911
3.	Phase III	4318.77	1034	705
4	Phase IV	3811.26	799	648
Total		16876.99	4577	4061
5	Rajiv Awas Yojana	849.98	798	
6	Construction of Modern Abotoir	796		

Source: Bhatpara Municipality

Apart from this, drains, roads, pathways, street lights and community centres have also been commissioned under this scheme.

Recently a Pilot Project of PMAY at 1 No. Kebin Road, Kewtia Palpara & Sthirpara slum with a project cost of Rs. 9.18 Crores (target completion date March 2015) has been initiated and has reached an advanced stage of construction in a very short period of time.

10. Physical Infrastructure profile

From the very inception of Bhatpara as municipality, the main source for the supply of drinking water was from river Hooghly. Water was treated at vintage water treatment plants run by jute mills and distributed through pipeline network covering a small part of the town. Over the years, municipality has taken up number of water supply augmentation, including i) laying piped water supply distribution network by drawing funds from its own budget and other sources like CUDP III, 10th Finance commission etc., ii) rolling out 24x7 water supply scheme, a Rs. 250 crores project (2010-2014) implemented by KMDA under JNNURM, involving construction of a new 23 MGD Water Treatment Plant at Jagatdal, 18 overhead reservoirs and further spreading out of surface water pipeline network in other parts.

Currently, the town has a total of 330 km of surface water pipeline network catering to 96% of total population of the city and providing direct water connections to 31,000 households, of which 110 km runs within wards 1-22 and the remaining in the other 13 wards. Post the implementation of JNNURM project, daily piped water supply of the town has reached at 70 MLD.

Despite the existence of surface water supply network and coverage, municipality has to resort to ground water to meet the supply at some parts of the town. As per ULB records, 10% of the entire water supply is dependent on groundwater through deep tube wells and hand pumps, mainly in the ward nos. 06, 07, 25, 32 and 35.

The table below presents a service level standard of Bhatpara in terms of coverage of the city with respect to water supply.


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Table 3: Water Supply Benchmarks for Bhatpara Municipality

S/No	Indicator	Central Level Benchmarks	State Level Benchmarks	Present Status 2013-14	Targeted status during 2014-15
1	Coverage of Water Supply Connection	100%	100%	82%	92%
2	Per Capita available of Water at consumer end	135 Lpcd	135 Lpcd	105 Lpcd	135 Lpcd
3	Extent of metering of Water Connections	100%	100%	0%	0%
4	Extent of Non-Revenue Water	20%	20%	20%	20%
5	Continuity of Water Supply	24/7 Hrs/Day	24/7 Hrs/Day	10 Hrs./Day	18 Hrs/Day
6	Efficiency in redressal of customer complaints	80%	80%	82%	90%
7	Quality of Water supplied	100%	100%	80%	95%
8	Cost recovery in water supply service	100%	100%	22%	35%
9	Efficiency in collection of water supply related charges	90%	90%	60%	70%

Source: MoUD, GoI and Bhatpara Municipality, 2014

Storm water Drainage

Mukterpur canal starting from Tinsukia to river Hoogli (5 km in length) is the main channel for waste water outlet of the town. Other two main drains, namely, Rishi Bankimkhal and Shyam Nagar Khal, run through the northern and southern boundary area feeding canals of Mukterpur and Barti Beel respectively. These channels now have been silted. The banks of the channel are fairly high with respect to the intermediate spread of land. Bhatpara has 107 km of pucca drains and 125kms of katcha drains.

Due to lack of maintenance and heavy siltation these channels are not adequate for drainage in current form. As a result, a large number of low lying pockets, which remains water logged in the rainy seasons, have been created. The land in the municipal area is generally flat and the slope is towards intermediate field from the riverbanks.

Table 4: Storm water Drainage Benchmarks for Bhatpara Municipality

Indicator	Central Level Benchmarks	State Level Benchmarks	Present Status 2013-14	Targeted status during 2014-15
1 Coverage of Storm Water Drainage Network	100%	100%	80%	85%

Sewerage & Sanitation

The sewerage network has only 15% coverage in the entire city. The network has primarily evolved in three stages, which are:

- **Stage I (1931-1973):** It started with laying of initial drainage network in 1931, which was further extended by the PHE in 1973. This led to laying of total 20.42 km of drainage network at this stage. Also a STP of capacity 10 MLD was constructed which is presently functional.
- **Stage II (1987-1993):** Bhatpara was brought under the purview of Ganga Action Plan (GAP) in the period 1987-1993, during which the old drains and outfall points were intercepted and 5 lifting stations and 2 pumping stations were constructed for better collection and transmission. A total of 15 km of pipeline was constructed during this phase in wards 1-22.

• **Stage III (2013- 2017 Projected):** Further improvement of the sewerage system is being implemented under NGRBA since 2013. Scheduled to be completed by 2017, this project is focused on eastern wards of the municipality, which has no sewerage system currently. As part of this Rs. 332 crores project, key envisaged outcomes include:

- Laying of 125 km of Sewerage Pipeline
- Setting up of 23 lifting stations
- Setting up of 3 Pumping Stations
- Setting up of 3 STPs at a) Jagatdal ward No 15, b) Dipali Math ward No 23 and c) Rabindra Pally ward No 6 with a total capacity of 61 MLD

As on June, 2014 the project is running on time and 27% of the project work is already completed.

In addition to sewerage and sanitation works carried out in above three stages, municipality had undergone annual repair and maintenance work for the existing pipelines leveraging own fund of the municipality based on as-is-where-is basis.

The table below presents a service level standard of Bhatpara in terms of coverage of the city with respect to sanitation and sewerage. Table clearly shows though toilet coverage of the town is reasonably good, but lot of interventions are required to improve sanitation and sewerage facilities as there is no household level drainage facility leading to unhygienic environment in slums.

Table 5: Sewerage and Sanitation Benchmarks for Bhatpara Municipality

1	Coverage of Toilets	100%	100%	85%	90%
2	Coverage of wastewater network services	100%	100%	25%	45%
3	Collection Efficiency of Waste Water Networks	100%	100%	60%	65%
4	Adequacy of Waste water treatment capacity	100%	100%	45%	55%
5	Extent of Reuse and recycling of treated wastewater	20%	20%	3%	15%
6	Quality of Waste Water Treatment	100%	100%	94%	95%
7	Efficiency in redressal of customer complaints	80%	80%	60%	75%
8	Extent of cost recovery in Waste Water Management	100%	100%	4%	7%
9	Efficiency in collection of sewerage charges	90%	90%	0%	0%

Source: MoUD, Gol and Bhatpara Municipality 2014

Solid Waste Management

Bhatpara Municipality generates approximately 6050 MT/month of solid waste. Presently there is no proper solid waste management in the municipality and it is dumped in open landfill sites. There are two spots which currently the municipality uses as dumping grounds. They are: i) Madral low cost treatment plant (in use for last 10 years) and ii) Fingapara Ward 29-35 border (in use for last 4 years). The waste is collected mostly by Handcarts and then dumped by tractors and trailers. Recently, a SWM pilot project (Rs. 28 Crore approx.) is being implemented under NGRBA.

The table below presents a service level standard of Bhatpara in terms of coverage of the city with respect to Solid Waste Management. In terms of household level coverage solid waste management and segregation of municipal solid waste, the municipality is not at a good stage.

Table 6: SWM Benchmarks for Bhatpara Municipality

S/NO	Indicators	Central Level Benchmarks	State Level Benchmarks	Present Status 2013-14	Targeted status during 2014-15
1	Household level coverage of solid waste management services	100%	100%	25%	45%
2	Efficiency of collection of municipal solid waste	100%	100%	90%	92%
3	Extent of segregation of municipal solid waste	100%	100%	15%	20%
4	Extent of municipal solid waste recovered	80%	80%	80%	85%
5	Extent of scientific disposal of municipal solid waste	100%	100%	15%	40%
6	Extent of cost recovery in solid waste management services	100%	100%	10%	15%
7	Efficiency in collection of solid waste management charges	90%	90%	10%	11%
8	Efficiency in redressal of customer complaints	80%	80%	85%	90%

Source: MoUD, Gol and Bhatpara Municipality 2014


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Road Coverage and Condition

As per the Land Use map of Bhatpara, only 2.7% of the entire municipal area is dedicated to roads. This indicates a very high density of settlement and less developed vehicular network within the city. The settlement and concentration of the activities in this town was originally centered on the rail lines. B.K. Expressway and Ghoshpara Main Road both run along the length of Bhatpara Municipality Connecting Kolkata, Barrackpore, Barasat and Kalyani. A number of state Highways and District Roads link with the municipality, district head quarter and Kolkata, the state capital. Road network in Bhatpara has grown to a total of 1089.67 Km. While only 36% of roads are black topped and concrete, remaining 64% of the road network is still katcha. Most of the existing arterial roads are narrow with two lane carriageways and needs to be widened to cater for the increasing vehicular traffic. Due to lack of proper maintenance, the surface conditions of the roads are not good which in turn reduces the speed of moving traffic.

11.The Project slums and existing scenario of Infrastructure

The various indicators and their score to assess infrastructure deficiency are provided in the table below:

Indicators for assessing Infrastructure deficiency

		1	2	3
1.	Water: Percentage of Households without Individual tap connection	0-30	30-60	60-100
2.	Sanitation: Percentage of Households without access to individual latrine	0-30	30-60	60-100
3.	Drains: Whether the slum is connected, not connected or partially connected to city wide storm water drainage system	Connected	Partially Connected	Not Connected
4.	Roads: Percentage of Households with Non Motorable Katcha and Non Motorable Pucca Roads	0-30	30-60	60-100

Note: 0-30 means less than equal to 30, 30-60 means more than 30 but not more than 60, 60-100 means more than 60

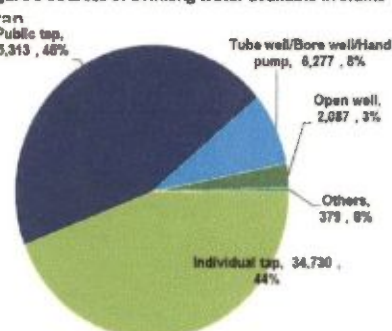
Status of all the 120 slums in terms of infrastructure is listed in Annexure-B9 and the deficiency parameters are analysed as follows:

Water

The slum households of Bhatpara have reasonably good access to drinking water, either from individual taps or from public taps. The figure alongside reveals that:

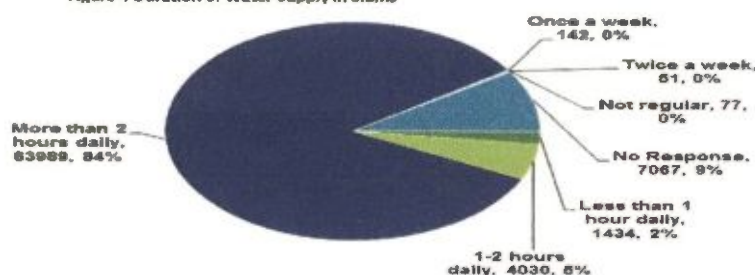
Around 44% of the total slum households (34,730 in number), have individual connection in their own premises. Out of these, majority of the households (30,000 in total) stay in notified slums,

Figure 3 Sources of Drinking water available in Slums



Around 45% of slum households are dependent on public tap and about 8% in aggregate, resort to Tube well/Bore well/Hand pump for collection of drinking water.

Figure 4 Duration of Water Supply in Slums



Remaining 3% households (2450 in number) are dependent on open well, tank/pond, canal, water tanker etc. Majority of the slum households in Bhatpara have a decent duration of water supply with about 84% of the slum households having water supply for more than two hours. Only 2% of slum households, are reported to have access to drinking water for less than one hour daily. Only 193 HHs receive water only once or twice a week.


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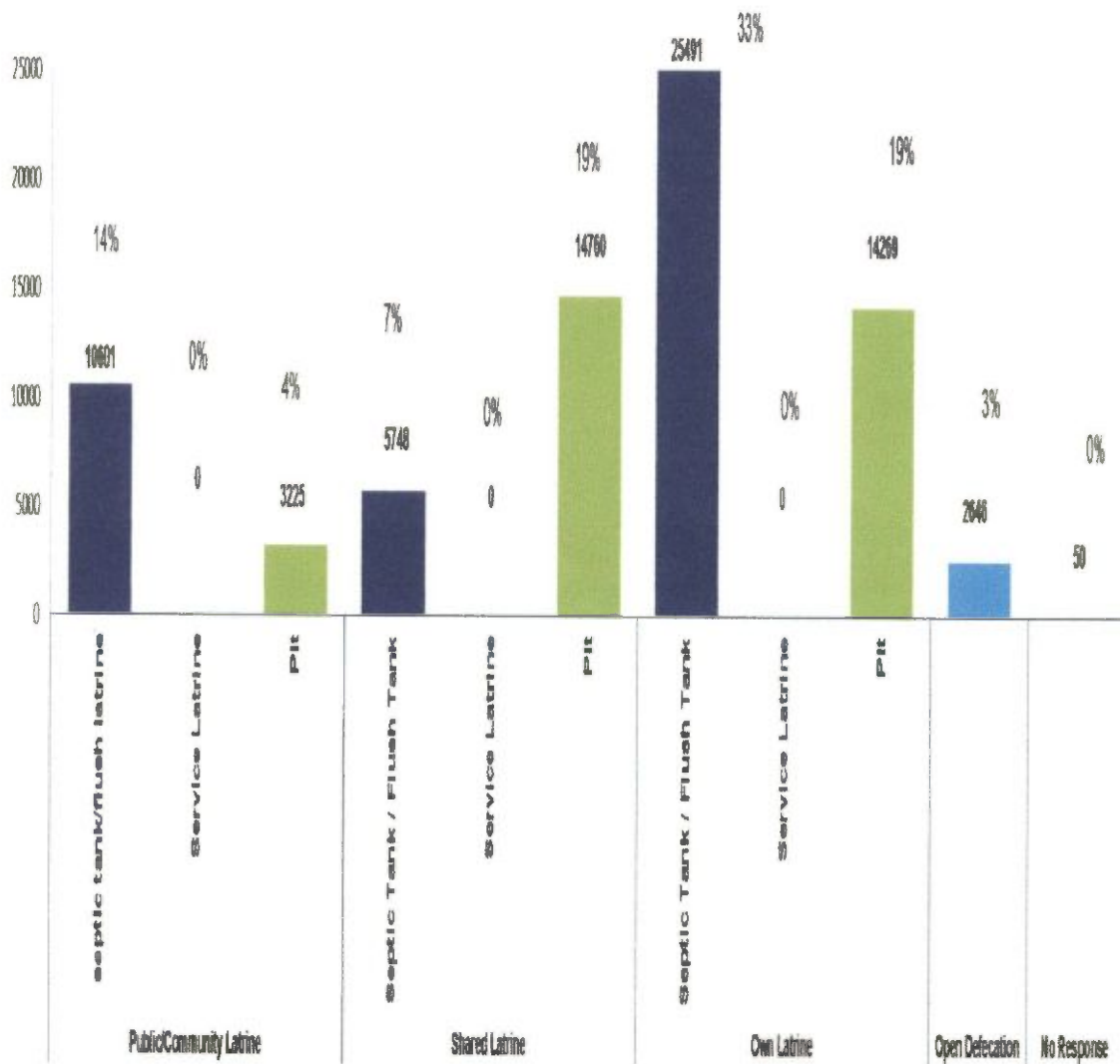

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37 slums have a score of "1", that is, slums with less than 30% households having individual tap connection. Number of slums getting scores of "2" and "3" are 37 and 46 respectively indicating around 38% slums have more than 60% households without individual tap connection.

Sanitation

Sanitation

In terms of access to sanitation facilities, 33% of the households have their own latrines, 7% households have shared latrines and 14% avail community toilets. Figure below shows households living in slums of Bhatpara have a pit inside their premises with their share accounting for 19% of total slum households. A total of 42% of the population avail these pits. A small percentage of about 3% households resort to open defecation.



Majority of the slums (66 slums) have been given the score "1", that is, slums having less than 30% households without access to individual latrine. Moreover, of the 66 slums given the score of "1", it is observed that 31 slums have less than 10% households who do not have access to latrine facilities inside their premises. In comparison, out of the 32 slums having more than 60% households without individual latrine facilities, in 9 slums more than 90% households do not have facilities inside their houses. Significant among them include i) Alliance Jute Kuli Line (S.C.-042), ii) Auckland Jute Mill Line(S.C.-047), iii) Circus Jute Mill Line(S.C.-049), iv) Kankinara Jute Mill Line(S.C.-010) etc.


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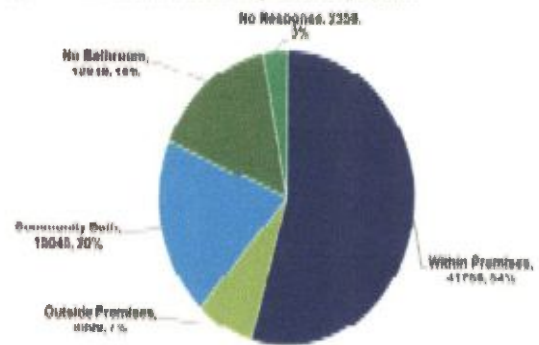

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Access to Bathroom facility

* In terms of access to bathroom facilities, 54% of the households have bathrooms within their premises, of which more than 80% households are from notified slums

* 16% households do not have bathrooms within their premises, of which 71% households are from notified slums. Significant slums coming under this category are Naya Bazar (S.C.-011), B L.06(S.C.-012), B L.11 (S.C.-045), Uttar Para(S.C.-063) etc.

Figure 6 Distribution of Availability of Sanitary Services



Drains

The lack of proper drainage system is a critical issue in Bhatpara. The topography of the town varies mostly based on the proximity to the river and also the large number of ponds on the eastern part and a canal cutting across the town. All these above factors contribute to the drainage problems of Bhatpara. The following table shows status of storm water drainage connectivity of the slums.

Table 7 Status Connectivity of Drains in Slums

Category	Connectivity to City-wide			% Slums			% total HHs	
	Notified Slums			Non-Notified Slums				
	No. of Slums	No. of HHs	Population	No. of Slums	No. of HHs	Population		
Fully Connected	1	428	1850	0	0	0	1%	1%
Partially Connected	58	45,451	1,77,715	17	10,890	42,128	63%	73%
Not Connected	30	12,793	49,513	14	7,228	28,070	37%	26%
TOTAL	89	58,672	2,29,078	31	18,118	70,198	100%	100%

From the table above we can observe that:

Only 1% of the slums HHs are fully connected to the drainage system, while 37% slums with 20,000 households are not connected to drainage system at all. 63% slum are partially connected to the drainage system, covering more than 56,000 households

Most of the slums which are not connected to the drainage system are located on the Eastern Fringe of the municipality and are close to the Kalyani Expressway.

On account of absence of household level details on connectivity status to the drainage system in slums, partially connected slums have been scored "2" for all the slums falling under this category.

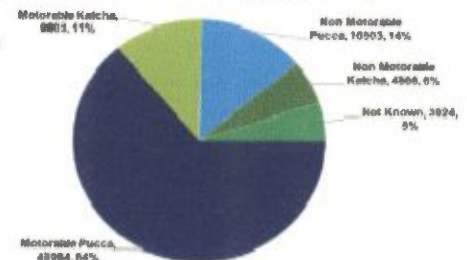
Fringe of the Municipality are close to Kalyani Express Way.

Roads

One of the most important physical criteria that determine the condition of a slum is the condition of roads. From the figure alongside, following key things can be ascertained

About 64% households in slums have access to motorable pucca road and another 14% households have access to non-motorable pucca road

17% of the slum households have no direct access to pucca road.



Vulnerability

The various indicators and their score to assess vulnerability is provided in the table below

Indicators for assessing vulnerability

		1	2	3
1.	Housing: Percentage of Households with Katcha and Semi Pucca Houses	0-30	30-60	60-100
2.	Income Level: Percentage of HH having income < Rs.3000/- per month	0-30	30-60	60-100
3.	Caste Status: Percentage of SC, ST and OBC in slum	0-30	30-60	60-100
4.	Minority Population: Percentage of Minority Population in a slum	0-30	30-60	60-100

(0-30 means less than equal to 30, 30-60 means more than 30 but not more than 60, 60-100 means more than 60)

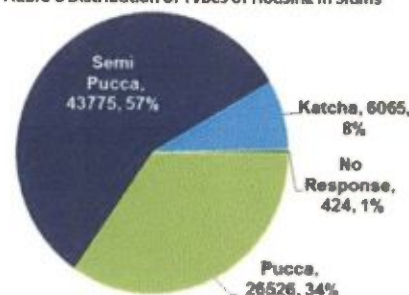
Status of all 120 slums in respect of the four vulnerability parameters is detailed below:

Housing

The condition of housing in the slums is one of the key determinants of the condition of the slum and also one of the most compelling issues to be addressed. In Bhatpara, slums comprise mostly of semi-permanent structures or slums with permanent structures in dilapidated conditions. From the figure alongside, following observations can be derived:

Figure 8 Distribution of Types of Housing in Slums

Out of 76,790 households, majority of the households (57% of total HHs) stay in semi-pucca houses followed by households staying in pucca houses, which constitute another 34% of total households. (Refer Annexure B-6 for photographs of slum structures)



Katcha and semi pucca houses taken together accounts to about 65% of the total houses. Out of these total 49,840 houses[1], around 6,000 houses are katcha with four slums [Chalta Road (S.C No. 9), 27 No Railway Station Siding (S.C No. 41), B.R.S (S.C No. 79) and 1 No. Kebin Road, Kewtia Palpara & Sthirpara having more than 50% households staying in katcha houses. Moreover, maximum concentration of katcha houses is observed in ten slums, which accounts for 35% of total katcha houses in slums of Bhatpara

As evident from the above, only 4 slums have score of "1" which means less than 30% Households stay in Katcha and Semi Pucca Houses.

Maximum concentration of slums (63 Nos.) have score of "3" and out of these 63 slums, 13 slums have more than 90% households and 38 slums have more than 75% households staying either katcha or semi pucca structures.


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12.National poverty Alleviation Programmes and PMAY

[1] Total number of katcha and semi pucca houses shall be lower than 49,840 by 298 houses as slum development work has been initiated in 1 No. Kebin Road, Kewtia Palpara & Sthirpara slum (196 katcha and semi pucca houses) and hence, it should be excluded. DPR prepared of this slum has been sanctioned from MoHUPA, GoI in September, 2013.

12.National poverty Alleviation Programmes and PMAY

Slum: the focus Area

Under section-3 of the Slum Area Improvement and Clearance Act, 1956, slums have been defined as mainly those residential areas where dwellings are in any respect unfit for human habitation by reasons of dilapidation, overcrowding, faulty arrangements and designs of such buildings, narrowness and faulty arrangement of streets, lack ventilation, light or sanitation facilities or any combination of these factors which are detrimental to safety, health and morals. Thus, conceptually slums are compact overcrowded residential areas (and not isolated or scattered dwellings) unfit for habitation due to lack of one or more of the basic infrastructure like drinking water, sanitation, electricity, sewerage, streets etc.

It is in this background that in the 2001 Census, an innovative attempt was made to collect demographic data slum areas across the country.

As per 2001 population census, the slum population is estimated to be 61.8 million, out of a total urban population of 285.35 million people reside in urban areas.

The analysis of the data in this report provided an overview of the population characteristics of slums and squatter settlements and is expected to serve as a benchmark for pragmatic and realistic town planning while dealing with the issue of slums and slum dwellers.

Background

i.

ii. Urbanization is fast becoming the defining process in shaping the course of social transformation & ensuing development concerns in India. About 377 million persons or about 31% of India's population of 1.21 billion lived in urban areas in 2011, spread over 5161 towns. As per Report on Indian Urban Infrastructure and Services (NIUA) Report, the urban population is likely to grow to about 600 million by 2031. About one-fourth (24%) of the urban population of India is poor i.e. their expenditure on consumption goods is less than the poverty line benchmark. The benefits of urbanization have eluded this burgeoning 67 million urban poor population, most of who live in slums. An analysis of population growth trends between 1991 and 2001 shows that while India grew at an average annual growth rate of 2%, urban India grew at 3% mega cities at 4% and slum populations rose by 5%. This rapid and

unplanned urbanization and simultaneous growth of urban population in the limited living spaces has a visible impact on the quality of life of the slum dwellers of the city.

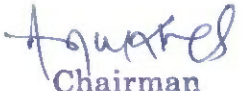
iii. It is increasing clear that sustainable growth can only take place when it is inclusive and when the entire population including the poor and marginalized need to have at the least access to descent shelter, basic amenities, livelihoods and a voice in governance.' Keeping this in mind the Government of India and the various State Governments have been taking up several schemes on partnership mode.

National Missions for Slum Development and Poverty Reduction

i. The Government of India is committed to creating a slum free India as part of the Jawaharlal Nehru National Urban Renewal Mission (JNNURM) sub mission on Basic Services for the Urban Poor (BSUP & Rajiv Awas Yojana). More recently it has also launched the **Pradhan Mantri Awas Yojana [PMAY]** for affordable housing for the poor for inclusive, sustainable and equitable urban development and to address the 'problem of slums in a definitive manner' (PMAY guidelines).

ii. **Jawaharlal Nehru National Urban Renewal Mission (JNNURM)** : JNNURM is a reform- linked urban development and slum upgrading program. Under JNNURM, the Government of India has been providing central assistance to 65 metro and large cities to invest in infrastructure improvements with governance reforms under sub mission on Urban Development.


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iii. **Basic Services for Urban Poor (BSUP) :** BSUP is focussed on slum upgradation and poverty reduction through creating access and networking slums to urban infrastructure improvements. BSUP also has a 7-Point Charter that envisages integration of urban slum upgrading activities with social development programs/missions such as for health, education, social welfare, etc. to ensure comprehensive development.

iv. **Swarna Jayanti Shahri Rozgar Yojana (SJSRY) :** SJSRY is a centrally sponsored program and it mainly emphasizes on the poverty reduction through employment generation. Main target groups of the program are: Urban poor, Women, SC/ST, Disabled etc.

v. **National Slum Development Program (NSDP):** NSDP is a centrally assisted slum development program. NSDP is mainly for improvement in the environment in the slums as a broader objective through provision of infrastructure facilities and shelter for improving living conditions in the slums.

vi. **Valmiki Ambedkar Awas Yojana (VAMBAY):** VAMBAY is a central Government scheme to provide housing to the poor. Under VAMBAY scheme, an amount of Rs. 50,000 is extended to a beneficiary in a city with more than 10 lacs population while in the cities having population less than 10 lacs. each beneficiary gets Rs. 40,000/- fifty percent of the amount is central government grant while the rest could be taken as loan from HUDCO/ other nationalized banks/ state government/ urban local bodies.

vii. **Integrated housing and slum development program (IHSDP):** IHSDP was under Jawaharlal Nehru Urban Renewal Mission (JNNURM) beginning from the year 2005-2006. The major objectives for the IHSDP program are:-

- Focussed attention to integrated development of basic services to the poor. The basic services include security of tenure at affordable price, improving housing, water supply and sanitation.

Secure effective linkages between asset creation and asset management so that the basic services to the urban poor created in the cities, are not only maintained efficiently but also become self sustaining over time.

13.HFAPoA and Pradhan Mantri Awas Yojana(PMAY)

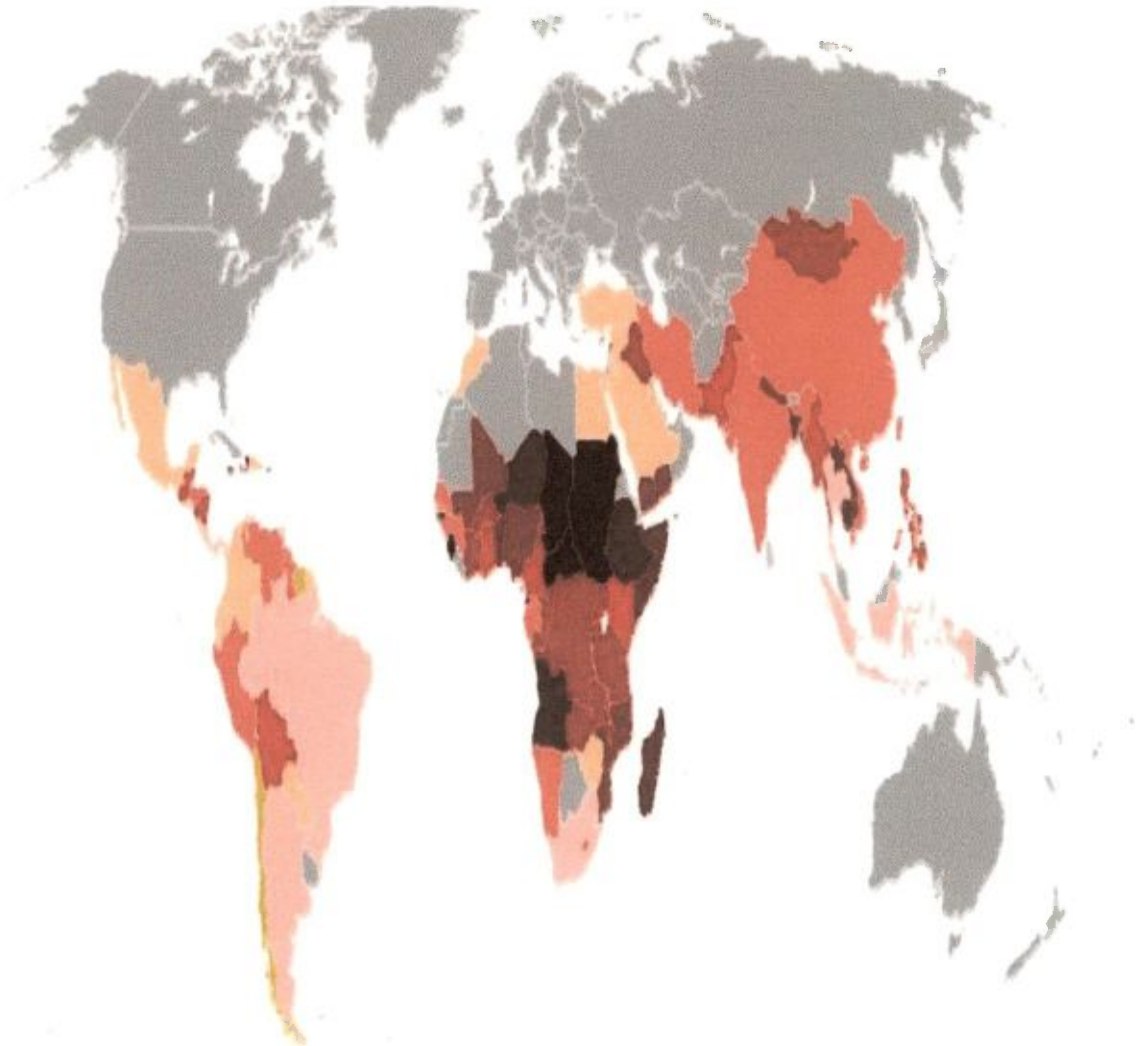
Slum Free City Plan of Action and Pradhan Mantri Awas Yojana [PMAY] To make cities Slum-free is currently on the global agenda. One of the Millennium Development Goals (MDGs) is to 'achieve significant improvement in the lives of at least 100 million slum dwellers, by 2020 (UNDP, 2003). Similar goals are set forth by Pradhan Mantri Awas Yojana [PMAY] , to create a Slum-free India.

All urban development initiatives have an impact on the poor within the city. It is now recognised that the past process of urban development and city planning has not been sufficiently inclusive. The process of preparing and implementing Slum Free City Plan of Action will involve 'learning by doing' in partnership with slum communities themselves. The HFAPoA will contain a holistic and temporal view of how the city could develop planning processes and projects targeted at the urban poor and improving living conditions in slums. The plan while being developed with a 10-15 year perspective will need to be updated and modified at regular intervals so as to remain relevant. The slum free city planning exercise will help the city to take a holistic view of slum settlements and the urban poor, by systematic data gathering and analysis at zone, ward and slum level which would help it to address policy / regulatory constraints in the access to affordable shelter solutions for the urban poor in the city.


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Urban Population Living in Slums and the Indian Scenario (source: UN-HABITAT)



0-10% 10-20% 20-30% 30-40% 40-50% 50-60% 60-70% 70-80% 80-90% 90-100%

The preparation of HFAPoA Plan will broadly involve Slum Development/Rehabilitation Plans based on

- a. Survey of all slums – notified and non-notified;
 - b. Mapping of slums using the state-of-art technology;
 - c. Integration of geo-spatial and socio-economic data; and
 - d. Identification of development model proposed for each slum.
1. Base maps to an appropriate scale would be a pre-requisite for the preparation of Slum Development Plan/Slum-free City Plan. States/UTs may need to proceed in the following steps for the preparation of Slum-free City Plans.
 2. Securing CARTOSAT II/latest satellite images from NRSC/ISRO and preparation of base maps for the whole city and its fringes using the images;
 3. Identification and inventory of all slum clusters of all descriptions in the urban agglomeration with the help of satellite image and other available data;


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4. Inventory of all possible vacant lands in each zone of the urban agglomeration that could be used for slum development/ rehabilitation development purposes;
5. Development of Slum Map of every slum within the city and its fringes using GIS with CARTOSAT II images, ground level spatial data collected through total station survey, collating spatial information with respect to plot boundaries, network of basic infrastructure like roads, sewerage, storm drainage and water lines, etc and superimposing this on the satellite image and importing them into GIS platform as the first step towards the preparation of Slum Development Plans and Slum Free City Plan.
6. This may be undertaken with the help of technical partners of NRSC/ ISRO/other technical institutions/agencies;
7. Identification and engagement of Lead NGO/CBO to guide and anchor community mobilization for the purpose of slum survey, (May be more than one NGO/CBO in different slum zones) of the city. These Lead NGOs/CBOs should also be associated in slum survey operations and dialogues for preparation of slum level development plans;
8. Conduct of Slum Survey based on the detailed formats (with or without changes) prepared by the Ministry of Housing & Urban Poverty Alleviation with the help of National Buildings Organization (NBO) - after due training of trainers, training of survey personnel /canvassers and canvassing. It would be helpful for community mobilization to pick as many canvassers from the sourced slum or nearby slum pockets;
9. Collection of bio-metric identification data of slum dwellers based on the above survey (subject to guidelines issued by Unique Identity Authority of India (UIDAI));
10. Entry of data from Slum Surveys in the web-enabled MIS application (to be provided by Ministry of HUPA), compilation and collation of data, preparation of Slum-wise, City and State Slum Survey Database and Baseline Reports. The MIS will assist in developing a robust Slum and Slum Households Information System. (Guidelines and software for development of the MIS will be issued by the Ministry of HUPA);
11. Integration of Slum MIS with GIS Maps to enable the preparation of GIS-enabled Slum Information System that is to be used for the preparation of meaningful Slum Development Plans and Slum-free City Plan using a city-wide/zone-based approach.(Guidelines and software for development of GIS platform and its integration with the MIS will be issued by the Ministry of HUPA);
12. For each slum identified, Slum Development Plan to be decided based on models like PPP development, infrastructure provision only, community-based development through Rajiv Awas Housing Societies, etc. This decision-making should necessarily be done with the involvement of the community after community mobilization and dialogue for deciding the model to be adopted. Each slum development plan should have the timeline against each of the activities; and
13. Preparation of HFAPoA Plan should be based on the development plans for all slums and strategies for the prevention of future slums, including reservation of land and housing for the urban poor. The Plan should contain timeline of activities for achieving slum-free city, phasing information and financial estimates against each of the activities


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14. Introduction to Pradhan Mantri Awas Yojana (PMAY)

i. Pradhan Mantri Awas Yojana [PMAY] a path breaking scheme for the slum dwellers and urban poor envisages a 'Slum-free India' through encouraging States/Union Territories to tackle the problem of slums in a holistic manner. It calls for a multi-pronged approach focusing on:

- Bringing existing slums within the formal system and enabling them to avail of the same level of basic amenities as the rest of the town.
- Redressing the failures of the formal system that lie behind the creation of slums.
- Tackling the shortages of urban land and housing that keep shelter out of reach of the urban poor and force them to resort to extra-legal solutions in a bid to retain their sources of livelihood and employment.

ii. PMAY envisages the following

- Development of 'city-wide' slum free city plans that can then get integrated at the state level through a broad State wide slum free action plan
- Enactment of a set of reforms at the state and city level related to inclusive planning, regulation and financing, which would ensure that adequate fresh housing stock and services get created on an ongoing basis to address both current and future needs of cities.
- An integrated approach covering shelter, services and livelihoods for poor slum communities.

iii. The duration of Pradhan Mantri Awas Yojana [PMAY] will be in the following two phases:

- (2015-2022) – covering innovative and projects and initial set of cities ready with City –wide plans.

iv. *Eligible Components of the PMAY:* In each slum, an integrated approach will be taken, with provision of infrastructure, basic civic and social amenities and decent housing, with attention to planning the layout (after reconfiguration of plots, if possible), total sanitation (with provision of individual toilets and water supply to each household) and provision of adequate green spaces as per (modified, if necessary) town planning norms.

Projects pertaining to the following will not be considered for support under PMAY:

1. Power generation
2. Telecom
3. Employment generation programs and
4. Staffing

15. The duration of Pradhan Mantri Awas Yojana [PMAY] 2015 TO 2022**ii. The duration of Pradhan Mantri Awas Yojana [PMAY] will be in the following two phases:**

- (2015-2022) – covering innovative and pilot projects and initial set of cities ready with City –wide plans.


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16. Need for Projects

This projects are needed to fully understand and develop redevelopment models that can be replicated in the city with benefits. One of the key objectives of developing Projects is to incentivize innovation and encourage new approaches and solutions that can demonstrably improve the quality and quantity of shelter and services for the poor.

Such innovation could encompass:

- Projects with strong community participation i.e. Slum upgradation/ redevelopment projects initiated/spearheaded by the community; or with their demonstrable involvement and participation in design, planning and implementation
- Creation of fresh rental housing stock and transit shelters
- New models of public-private partnerships whereby the private sector can be encouraged to take up affordable housing for the EWS/LIG
- Innovations in planning, demonstrating integrated livelihoods, shelter and services ; or convergence
- Innovative or cost effective and green building design and technologies
- Financial innovations in delivering the city/state wide programme

Aims and Objectives

Vision

Pradhan Mantri Awas Yojana envisages a 'Housing For All' with inclusive and equitable cities in which every citizen has access to basic civic and social services and decent shelter. It aims to achieve this vision by encouraging States/Union Territories to tackle the problem of slums in a definitive manner, by a multi-pronged approach focusing on:

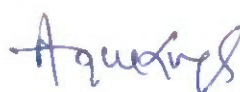
- Bringing all existing slums, notified or non-notified within the formal system and enabling them to avail of the same level of basic amenities as the rest of the town;
- Redressing the failures of the formal system that lie behind the creation of slums; and tackling the shortages of urban land and housing that keep shelter out of reach of the urban poor and force them to resort to extra-legal solutions in a bid to retain their sources of livelihood and employment.

Thus, the main focus of Pradhan Mantri Awas Yojana [PMAY] is an integrated approach aimed at bringing within the formal system those who are forced to live in extra-formal spaces and in denial of right to services and amenities available to those with legal title to city spaces, and at correcting the deficiencies of the formal system of urban development and town planning that have failed to create conditions of inclusiveness and equity; so that, henceforth, new urban families, whether by way of migration or natural growth of

population, have recourse to housing with municipal services, and are not forced to create encroachments and slums and live extralegal lives in conditions of deprivation of rights and amenities.


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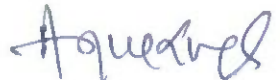
17. Funding Pattern of PMAY

FUND FLOW PATTERN						
Rupees in lakhs						
NAME OF THE SCHEME	ESTIMATED COST	YEAR 2015-16				TOTAL
		GOI	GOWB	ULB	Beneficiaries	
PMAY project - , Bhatpara Municipality	2516.89	933.00	1314	114.40	155.50	2516.89

PHASING OF FUND					
Rupees in lakhs					
YEAR 2015-16	RELEASE OF FUND				
	GOI	GOWB	ULB	Beneficiaries	TOTAL
1st Installment @ 40%	373.20	525.59	45.76	155.50	1100.05
2nd Installment @ 40%	373.20	525.59	45.76	0	944.55
3rd Installment @ 20%	186.60	262.80	22.88	0	472.28
TOTAL	933.00	1313.98	114.40	155.50	2516.89

REQUIREMENT OF FUND			
Rupees in lakhs			
SL. NO	NAME OF THE SCHEME	YEAR 2016-17	TOTAL
1	PMAY project - , Bhatpara Municipality	2516.89	2516.89
	Total	2516.89	2516.89


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18. Demographic features of the Bhatpara Municipality

Social and demographic profile of Bhatpara Municipality builds upon analysis of recent and past Census data of the district of North 24 Parganas and Bhatpara Municipality. Census records show that district of North 24 Parganas has recorded a high growth of urban population recording around 18.2% during 2001-2011 period. This has led the district to become 2nd largest district of India and largest in state in terms of population size in 2011. It has rightly been represented by district wise number of municipalities as North 24 Parganas is highest among all districts with 27 municipalities in the district spread across five subdivisions. Bhatpara Municipality is one of the key municipalities in the North 24 Parganas district. .

Population of Bhatpara constitutes only 4% of total district population and the total urban population of North 24 Parganas it comes around 57% of district's population. Bhatpara Municipality comes among the top three municipalities[1] of the district ranked in terms of population size with its population recording around 6.8% of the urban population of the North 24 Parganas. Demographic overview of the municipality over the decades has been presented in the table below.

Table 8 Overview of the Bhatpara municipality

No.	Indicators	2001	2011	2014 (P)
1.	Population (In Lakhs)	4.42	3.84	4.1
2.	Decadal Population Growth Rate	45.07%	-13.25%	5.11%
3.	No of HHs	80,005	87,076	91,700
4.	Average Household Size	5.53	4.41	4.41
5.	Population Density (Persons per Sq. Km)	16,556	14,362	15,097
6.	Overall Male-Female Ratio	55:45:00	53:47:00	--

Source: Census, DDP, USHA survey and validation under [PMAY], Population Projection

Following observations can be inferred from the above table:

•

Bhatpara municipality witnessed a steep decline in population during 2001-2011 period with a negative growth rate at 13.25%, as compared to growth trend recorded in West Bengal and North 24 Parganas at 14% and 12% respectively during the same period. Growth rate of Urban Population of North 24 Parganas was about 18% during 2001-2011. .

Figure 9 Population & Growth Rates of Bhatpara



- After analysing population data of the previous census records, it reveals that population growth trend for Bhatpara was upward and consistent between 1961-2001 period with highest growth rate recorded during 1991-2001 at 45% (see Figure 6). Based on feedback received from Bhatpara Municipality we are given to understand that this sudden trend fluctuation coupled with increase in number of households during 2001-2011 period may be attributed to outmigration or temporary absence of house members during the period of enumeration.

The projected population of Bhatpara as on 2014 is expected to be about 410809[2] with number of households estimated at 91700.

[1] Other densely populated Municipalities are South Dum Dum, Rajarhat Gopalpur with share of their population recording more than 7% of total urban population.

[2] The population for 2014 has been projected assuming an average annual growth rate based on the decadal growth rate observed since 1961-71.

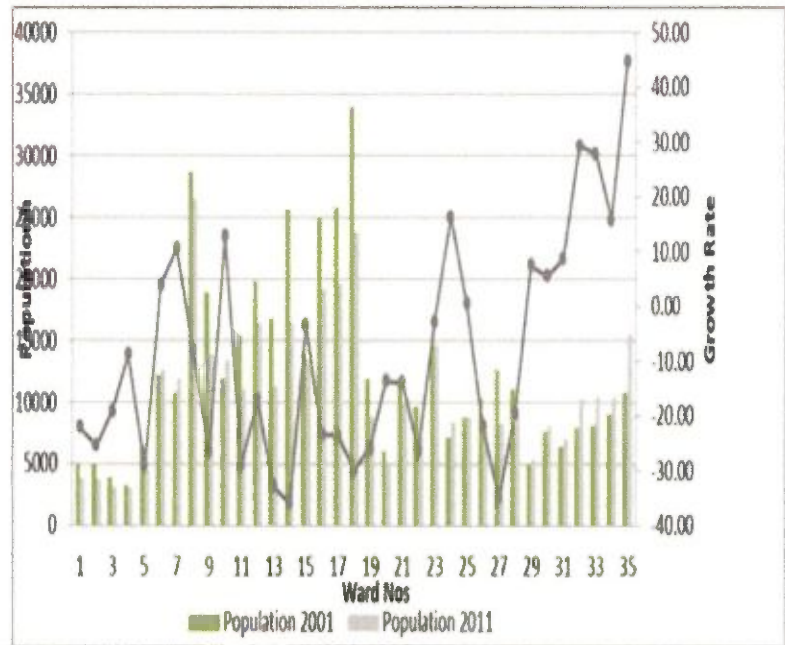
The analysis of the ward wise population growth over the last decade reveals a distinct pattern of the direction of growth of the town. From the figures above it can be concluded that:


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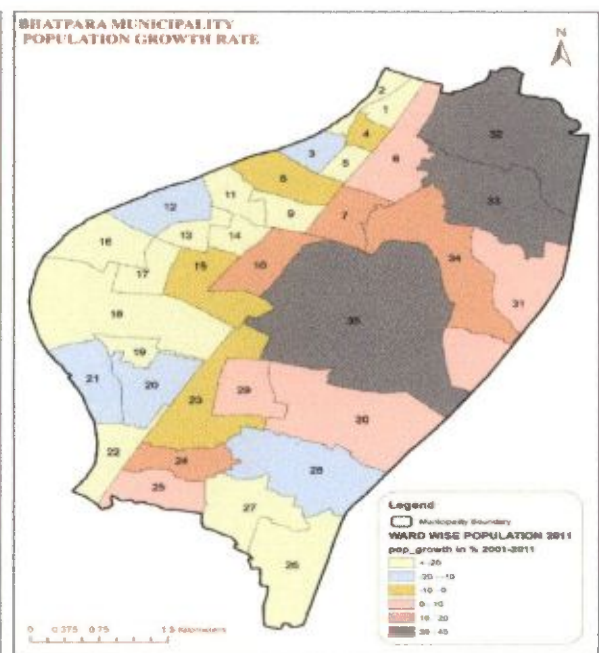
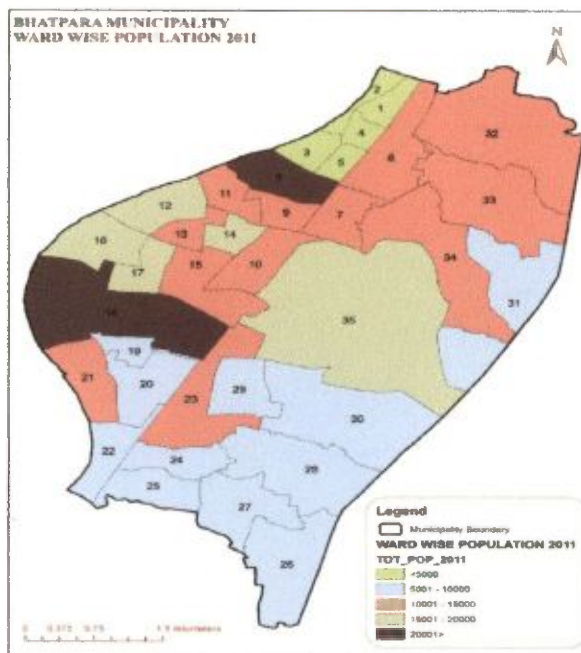
Wards located in the western side of the town are comparatively more populated with 8 wards appearing in top 10 wards of the town in terms of population size. On the contrary, 9 wards located in eastern part of the town come in top 10 wards ranked in respect of population growth rate during 2001-2011. Ward no. 15 located in central-eastern part of the town is the only ward which comes in top 10 wards of the municipality with respect to population size and population growth

Figure 10 Ward wise Population Growth of Bhatpara Municipality (2001-2011)



- Further analysis of the negative population growth of the town during 2001-2011 period reveals that 23 out of total 35 wards have recorded negative population growth rate during that period and except for ward no. 23 recording negative 2.9% growth, remaining 22 wards are located at the western side of the railway track. Further, around 98% of downfall in town population is observed to be driven by reduction of population in only 10 wards of which 5 wards (13, 14, 16, 17 and 18) account for 63% of total decline (around 37,000) and all these wards are jute mill zones.
- More specifically, all the 8 most densely populated wards located on western side of railway track have registered negative growth rate with growth rates of four of them (16, 17, 18 and 9) recording more than negative 20% growth during 2001-2011.
- In comparison, north western part of the Municipality (ward no. 32, 33 and 34) have registered substantial positive growth with growth rate more than 15%, since it is the newer region and has vacant land to offer for newer developments.

These are rightly represented in figures below showing ward wise population size and growth in Bhatpara municipality.




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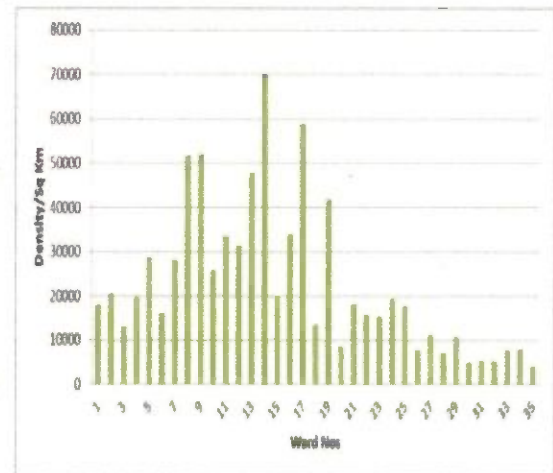

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Population Density

Population density of Bhatpara is on a higher side, though density is observed to have decreased from 16,556 persons/sq. km in 2001 to 14,362 persons/sq km in 2011. This is much higher than the district level density figure, however, unlike Bhatpara, district level density has increased from 2,182 persons/sq. km in 2001 to 2,445 persons /sq. km in 2011. Ward wise analysis reveals following key observations:

- Population density varies substantially across the wards with four wards (14,17,9 and 8) recording population and household densities recording of more than 50,000 persons/sq. km and more than 9500 HHs/sq.km respectively. Wards ranked based on population density sizes reveal that all the top 10 wards are located on the western part of the town, Whereas all the thirteen (13) wards located in eastern part of the town are relatively lesser dense with average population and household densities recording around 9,600 persons/sq. km. and 2425 HHs/sq.km. Low population density of the wards located along the eastern part railway track vis-à-vis rest of the wards is attributed to presence of large chunk of vacant land in majority of these wards (26, 28, 30, 31, 32, 33, 34, 35 etc.).

Figure 11 Ward wise Population Density of Bhatpara, 2011



- Low population density of the eastern side wards coupled with high rate of population growth is leading to the growth in the eastern side.

Spatial Growth Patterns

Existing pattern of Development

Based on variation in intensities of growth across wards, development pattern of Bhatpara carves out into three distinct zones with varying intensities of growth as depicted in figure alongside. The zones are:

- Western Periphery (W):** The older part of the city with the jute mills situated along the banks of river Hooghly. This zone lies between the banks of Hooghly River and the Ghoshpara Main Rd. This area is characterized with presence of number of industrial units leading to high rate of residential growth and population density..
- Core (C):** The central core area of the city with dense built-up area and road network on the immediate east and west of the railway track.
- Eastern Periphery (E):** Most of it is newly added area comprising of settlements having low density and residential growth, large chunk of open land and a number of water bodies.

Figure 12 Three Zones of Bhatpara



Growth Direction of City

With the inclusion of the mouzas in the eastern periphery of town in 1995, trend towards sub urbanization and urban sprawl (low density, spatially dispersed and segregated land use) have gradually started to impact the mobility of the town and growth direction. This has further been compounded by enormous population pressure in the core and western periphery of town characterized with shrinking space for habitation. However, the growth movement was lopsided till Barrackpur Kalyani Expressway bordering the eastern part of the town was constructed. Barrackpur Kalyani Expressway has played a key role in shaping the growth pattern toward the eastern direction which is mainly in the ward nos. 23-35. A noticeable growth is visible in most of these wards driven by potential growth drivers like availability of vacant land, and road connectivity for real estate development

Table below presents the list of most promising wards in terms of growth as measured by the municipality along with the underlying reason behind the growth in these wards.


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Table 9 Growth Patterns in Bhatpara Municipality

Ward No.	Nature of Growth			Growth Drivers		
	Residential	Commercial	Industrial	Population Growth	Road Connectivity	Vacant Land availability
25	√				√	√
26			√	√	√	√
28			√	√	√	√
30			√	√	√	√
32	√		√	√	√	√
33	√			√	√	√
34	√			√	√	√
35	√			√	√	√

Source: Bhatpara Municipality

From the above table it is clearly evident that ward nos. 32-35 and 25 have witnessed the significant real estate projects primarily on account of i) availability of large parcels of vacant land, ii) road-rail connectivity and iii) inward migration from adjacent rural areas leading to residential growth. In comparison, some north-western and western wards (Nos. 8, 9, 11, 12, 15-20) of the town witness limited but sporadic real estate developments over the years took place primarily on account of demolition of old structures thereby creating vacant space.

19. List of slums under Bhatpara Municipality

List of slums under Bhatpara Municipality

Sl.No	Slum Code	Slum Name
1	191106850049.00	Naba Pally(S.C.-1)
2	191106850072.00	Kankinara Jute Mill Line(S.C.-1)
3	191106850086.00	Malakarpura(S.C.-002)
4	191106850106.00	Naya Bazar(S.C.-002)
5	191106850017.00	B.L.11(S.C.-3)
6	191106850075.00	Gopi Krishna Goswami(S.C.-3)
7	191106850060.00	Rahuta(S.C.-4)
8	191106850077.00	Rahuta(S.C.-4)
9	191106850061.00	Rahuta Purba Para(S.C.-5)
10	191106850047.00	Meghna More(S.C.-6)
11	191106850014.00	B.L.01(S.C.-7)
12	191106850032.00	B.L.11(S.C.-7)
13	191106850035.00	B.L.09(S.C.-8)
14	191106850066.00	South Narayan Pur(S.C.-9)
15	191106850080.00	Sastri Nagar(S.C.-10)
16	191106850055.00	Pramod Nagar(S.C.-11)
17	191106850079.00	Alliance Jute Kuli Line(S.C.-11)
18	191106850051.00	Netaji Nagar Colony(S.C.-12)
19	191106850076.00	Uttar Para(S.C.-12)
20	191106850074.00	Santi Niwas Pally(S.C.-13)
21	191106850081.00	Mitrapara(S.C.-013)
22	191106850040.00	Kela Bagan(S.C.-14)
23	191106850107.00	House Khana(S.C.-014)
24	191106850005.00	B.R.S.(S.C.-15)
25	191106850077.00	Jana Para(S.C.-15)
26	191106850089.00	Satyajit Pally(S.C.-016)
27	191106850109.00	Chak Guradah Ram Mohan Pally(S.C.-016)
28	191106850083.00	Kewtia Palpara(S.C.-017)
29	191106850110.00	Chak Guradah C.M.D. Bagan(S.C.-017)
30	191106850053.00	Palpara Deba Sree Pally(S.C.-18)
31	191106850117.00	Chasipara(S.C.-018)
32	191106850057.00	Purbasha(S.C.-19)
33	191106850111.00	Milangar Udyanagar(S.C.-019)
34	191106850041.00	Hindustan Colony(S.C.-20)
35	191106850091.00	Ram Krishna Pally(S.C.-020)
36	191106850008.00	Bakar Muhalla(S.C.-21)
37	191106850108.00	Uchhegarh Uttarpara(S.C.-021)
38	191106850003.00	Abantipur(S.C.-22)
39	191106850118.00	Uchhegarh(S.C.-022)
40	191106850030.00	Hatat Sukanta Pally(S.C.-23)
41	191106850114.00	Balishkhana(S.C.-023)


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42	191106850031.00	Hatpukur Colony(S.C.-24)
43	191106850067.00	Subhashpur(S.C.-24)
44	191106850056.00	Purba Para(S.C.-25)
45	191106850063.00	Sarat Pally - Ward (33) (S.C.-25)
46	191106850028.00	Guptar Bagan(S.C.-26)
47	191106850078.00	New Town(S.C.-26)
48	191106850112.00	Manasha Colony(S.C.-027)
49	191106850122.00	Nayan Pally(S.C.-027)
50	191106850113.00	Sthirpara(S.C.-028)
51	191106850115.00	Kamar Pukur Dhar(S.C.-28)
52	191106850100.00	Jay Chandi Tala(S.C.-029)
53	191106850120.00	Auckland Jute Mill Line(S.C.-029)
54	191106850059.00	Rabindra Pally - Ward (15) (S.C.-30)
55	191106850119.00	Meghnas Jute Mill Line(S.C.-030)
56	191106850045.00	Mangal Pandey Pally(S.C.-31)
57	191106850121.00	Circus Jute Mill Line(S.C.-031)
58	191106850029.00	Gurdah(S.C.-32)
59	191106850046.00	Meghna More(S.C.-33)
60	191106850123.00	Nn(S.C.-033)
61	191106850094.00	Paler Math(S.C.-034)
62	191106850124.00	N.N(S.C.-034)
63	191106850064.00	Satadal Pally(S.C.-35)
64	191106850024.00	B L.08(S.C.-36)
65	191106850102.00	Dule Para(S.C.-037)
66	191106850044.00	Kundur Bagan(S.C.-38)
67	191106850105.00	Sree Rampur(S.C.-039)
68	191106850036.00	Goyala Para - Ward (13) (S.C.-40)
69	191106850027.00	Durga Nagar(S.C.-41)
70	191106850101.00	Bijay Nagar(S.C.-042)
71	191106850098.00	Rustam Gumti(S.C.-043)
72	191106850104.00	Badam Tala Milan Pally(S.C.-044)
73	191106850018.00	B L.12(S.C.-45)
74	191106850103.00	Fakir Para(S.C.-046)
75	191106850116.00	Manikpir(S.C.-047)
76	191106850082.00	Bansh Bagan(S.C.-048)
77	191106850068.00	Sugia Para - Ward (15) (S.C.-49)
78	191106850015.00	B L.02(S.C.-50)
79	191106850006.00	Baburani Para(S.C.-51)
80	191106850043.00	Kumar Para Burning Ghat(S.C.-52)
81	191106850097.00	Hatath Colony(S.C.-053)
82	191106850021.00	B L.19(S.C.-54)
83	191106850023.00	B L.07(S.C.-55)
84	191106850025.00	B L.20(S.C.-56)
85	191106850087.00	Ukil Bagan(S.C.-057)
86	191106850022.00	B L.06(S.C.-58)
87	191106850099.00	64 Pally(S.C.-059)
88	191106850001.00	1 No. Kebin Road(S.C.-62)
89	191106850095.00	Fakir Para(S.C.-063)
90	191106850069.00	Sugia Para - Ward (14) (S.C.-64)
91	191106850004.00	Ambagan(S.C.-65)
92	191106850013.00	Begun Khet(S.C.-66)
93	191106850020.00	B L.13(S.C.-67)
94	191106850092.00	Ramnagar East(S.C.-068)
95	191106850090.00	Bl-17(S.C.-069)
96	191106850084.00	Kela Bagan(S.C.-070)
97	191106850062.00	Sarat Pally - Ward (25) (S.C.-71)
98	191106850039.00	Kantadanga Road(S.C.-73)
99	191106850037.00	Goyala Para - Ward (5) (S.C.-74)
100	191106850050.00	Naya Bazar(S.C.-75)
101	191106850016.00	B L.10(S.C.-76)
102	191106850052.00	Padma Pukur Road(S.C.-77)
103	191106850010.00	Barui Para(S.C.-78)
104	191106850054.00	Panchanantala(S.C.-79)
105	191106850088.00	Sundiya Para(S.C.-080)
106	191106850065.00	Satin Sen Nagar(S.C.-81)
107	191106850042.00	Jagan Nath Colony(S.C.-82)
108	191106850033.00	B L.09(S.C.-83)

109	191106850026.00	Chalta Road(S.C.-84)
110	191106850038.00	Kantadanga(S.C.-85)
111	191106850058.00	Rabindra Pally - Ward (24) (S.C.-86)
112	191106850071.00	Surpara Road(S.C.-87)
113	191106850048.00	Mula Zore(S.C.-88)
114	191106850012.00	Bazar Road(S.C.-89)
115	191106850085.00	21 No Goli(S.C.-090)
116	191106850093.00	Nag Bagan(S.C.-091)
117	191106850009.00	Bankim Nagar(S.C.-92)
118	191106850011.00	Battala Ramkrishna Pally(S.C.-94)
119	191106850070.00	Sundia(S.C.-95)
120	191106850125.00	Suormari(S.C.-096)

20. List of Non slums under Bhatpara Municipality

List of Non-Slums under Bhatpara Municipality is given below:-

S/ No	Name of Non-Slum
1	Bhatpara Area from Ward No-01 to 05
2	Rathtala Fingapara Kantadanga Area from Ward No-06, 07 & 34
3	Kankinara Area from Ward No-08 to 14
3	Jagatdal Area from Ward No-15 to 18
4	Shyamnagar Area from Ward No-19 to 30
5	Madrai Subashpur Area from Ward No-31 to 33
6	Sthirpara Area in Ward No-35

Land of total Non-Slum Area is 21.1 Sq.Km.

21. Project Justification

Bhatpara Municipality selected the slum 1 No. Kebin Road, Kewtia Palpara & Sthirpara slum for the following reasons as project for preparation of DPR under slum free city plan – PMAY/HFA.

1. The condition of living in the slum is unhygienic since majority of the slum dwellers rears pigs.
2. Land belongs to the Private Ownership..
3. 40 years old settlement
4. The State Highway - 1 is only 1.8kms away
5. Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof.
6. No sewerage system
7. Majority portion of roads are brick paved or Katcha roads.
8. Habitation pattern in the slums is congested with insufficient open space
9. Land belongs to Private Ownership.

The proposed HFA project would address the existing problems in the slum which includes lack of basic physical infrastructure and environmental betterment.


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22. Existing Slums Details

The environmental condition in the slums is poor. It lacks basic civic amenities mainly drainage, thereby leading to water logging, mainly during rainy season. Majority of the residents are involved daily labour in their rearing. This has led to an unhygienic living condition in the slum. Most of the roads within slums are brick paved or kutchra road. Though there are no streetlights available. Most of the population adopts unhygienic method for disposing their waste; thereby causing huge damage to health that ultimately leads to significant loss of man-days of work amongst others. Overall physical and social infrastructure is poor.

Project Land Particulars

Income and Expenditure Pattern of Households (HH)

The average monthly income of most of the Household varies between Rs 2000 – Rs 3000.

Average Monthly Income of Household(in Rs.)					
<2000	2000-3000	3000-4000	4000-6000	6000-9000	>9000
9	189	0	0	0	0

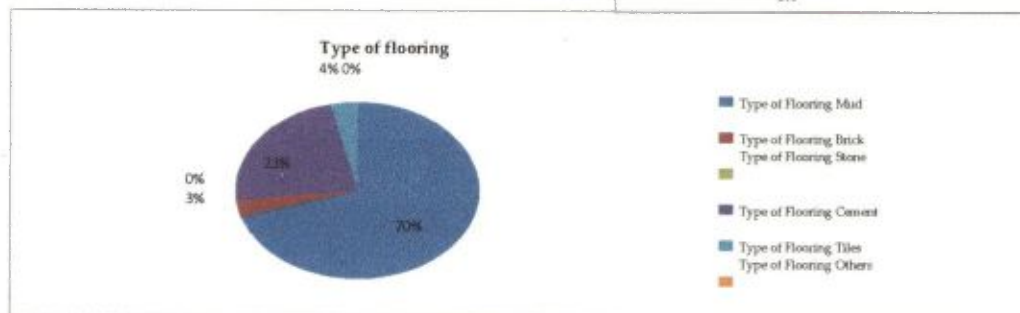
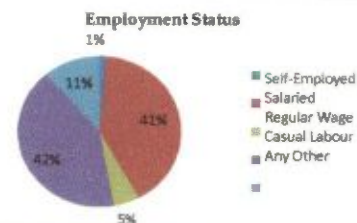
Average Monthly Expenditure of Household(in Rs.)					
<2000	2000-3000	3000-4000	4000-5000	5000-8000	>8000
10	187	1	0	0	0

Employment Status

It is observed that only 25% of the total population constitute of earning family members and their employment status is as follows:

Self-Employed	Salaried	Regular Wage	Casual Labour	Any Other
3	94	12	#	26

41% of the people are salaried workers most of whom works under Bhatpara Municipality



Migration

Maximum dwellers have migrated from rural areas due to lack of employment in agriculture sector. Out of 198 Household about 191 household had migrated from rural to urban area. Majority of the population of this slum is living for more than 40 years in this slum. Hence, dwellers are now permanently depending on 1 No. Kebin Road, Kewtia Palpara & Sthirpara slums. This justifies as a parameter on the importance of Slum for Insitu development.

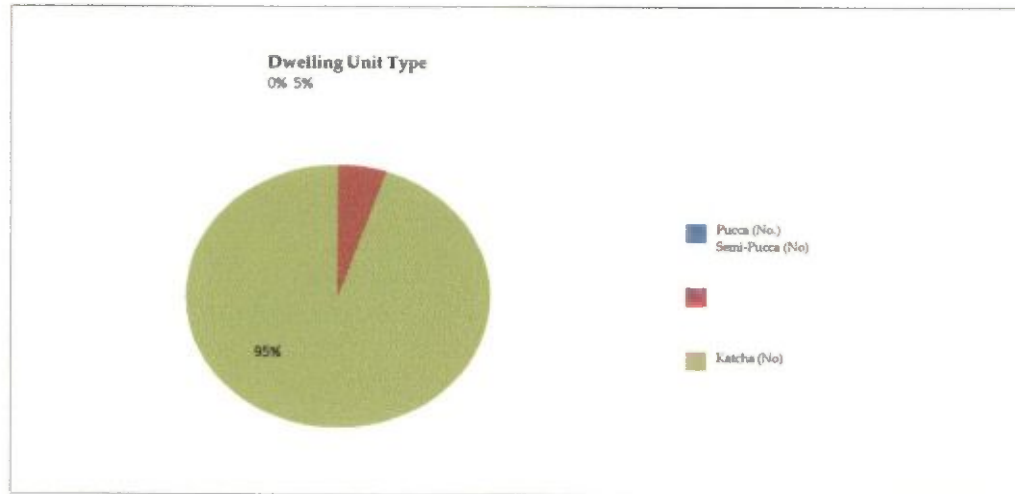

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Housing Status

Housing is the constituent of the social infrastructure of the economy. Like the other constituents, such as the system of education and health, housing also can either reduce or enhance the disparities in the society.

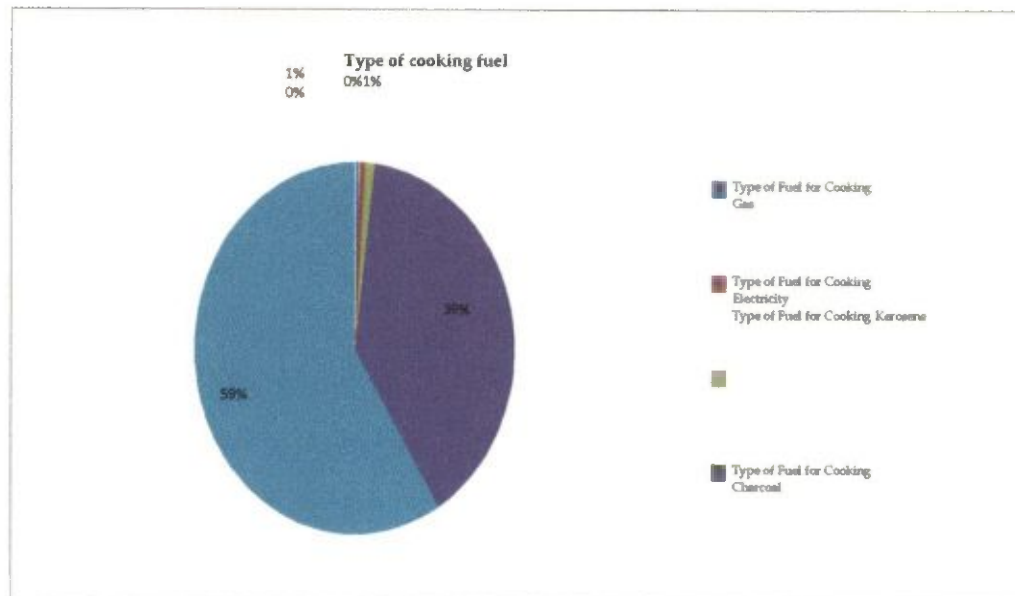
The total number of dwelling units in the slum is 196 of which 10 are semi-pucca houses and 186 kutchha houses. It is observed that some dwelling units have multiple partitions holding more than 1 family.



All 196 dwelling units have Raniganj tiles on roof

House by Type/Structure		
Pucca(Dilapidated)	Semi-Pucca	Katcha
0	10	186

Most of the dwelling units have mud flooring closely followed by cement flooring. Firewood is the major source of cooking fuel in majority of the slum household.

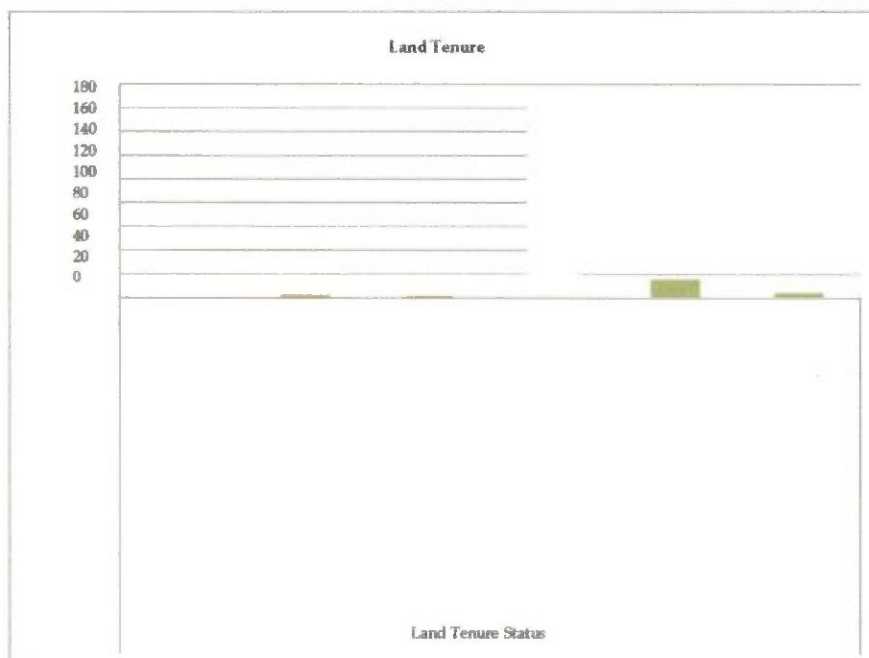



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Land Tenure status

Majority of the existing household are encroachment on public land.

**Physical Infrastructure**

Infrastructure is the basic requirement of urban life and its adequacy and accessibility are two important ingredients and key contributors in the up gradation and enrichment of quality of urban life which is the primary objective of any planned development effort. These infrastructure facilities are broadly classified into two aspects:

Physical infrastructure: Water supply, Sewerage and drainage, Solid waste, Roads, Electricity

Social infrastructure: Health, School, Community Hall, Post Office

Status of Physical Infrastructure

Sl. No.	Physical Infrastructure	Status
1	Connectivity to City-wide Water Supply System	Partially Connected
2	Connectivity to City-wide Storm-water Drainage System	Partially Connected
3	Connectivity to City-wide Sewerage System	Partially Connected
4	Whether the slum is prone to flooding due to rains	Not prone
5	Frequency of Garbage Disposal	Daily
6	Arrangement for Garbage Disposal	Municipal staff
7	Frequency of Clearance of Open Drains	Once in 2 days
8	Approach Road/Lane/Constructed Path to the slum	Motorable Kaccha
9	Distance from the nearest Motorable Road	Less than 0.5KM.
10	Internal Road	Non-Motorable Kaccha
11	Whether Street light facility is available in the slum	No


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Water Supply**Existing condition of water supply**

1 No. Kebin Road, Kewtia Palpara & Sthirpara Slum is Partially Connected City-wide Water Supply System

Source of Drinking Water							
Within Premises				Outside Premises			
Tube well/Bore well/Hand pump	Open well	Public tap	Tube well/Bore well/Hand pump	Open well	Tank/ Pond	River/Canal/Lake/spring	Water Tanker
2	0	2	193	0	0	0	0

Majority of the household uses public taps for water supply. The situation of water supply in the slum is poor. There is presently only one water tank (ESR) but the slum is not connected to its supply. 194 households replied that they receive water supply more than 2 hour while, 2 households replied they receive 1 to 2 hours daily.

Sewerage and Storm Water Drains

Drains, sewerage system is available is poor. The slum dwellers are heavily into rearing of pigs as result of which the living condition is unhygienic. Disposal of storm water/ Sullage disposal drain/ culverts are not available. Stagnant water has been observed at many places in and around the slum. 66% of the household uses community septic tank/flush latrine, 24% uses community dry latrines, 9% use shared septic tank/flush latrine, and open defecation doesn't prevails. The existing toilet facilities in the slum are of poor condition.

Open Septic Tank/flush Latrine	Open Dry Latrine	Shared Septic tank/Flush Latrine	Shared Dry Latrine	Community Septic tank/Flush Latrine	Community dry Latrine	Open Defecation
0	1	18	0	127	46	0

Majority of the population (89%) use community bath while 10% household doesn't have bathroom.

Bath Room Facilities available			
Within Premises	Outside Premises	Community Bath	No Bathroom
2	1	172	19

Solid waste

At Solid Waste Management system in the slum is mainly done by the ULB. The waste which is generated is collected daily. The drains are cleared by the local people once in 2 days.


Roads

Approach road to the slum which is less than 0.5 KM far from the slum is a kaccha non- motorable road. 53% the existing roads in front of the houses are non-motorable pucca road,

1% the existing roads in front of the houses are motorable kaccha road, 37% of the existing roads in front of the houses are non motorable kaccha road and only 9% the existing roads in front of the houses are motorable pucca roads.

Roads in front of house			
Motorable Pucca	Motorable Katcha	Non Motorable Pucca	Non Motorable
16	2	95	65


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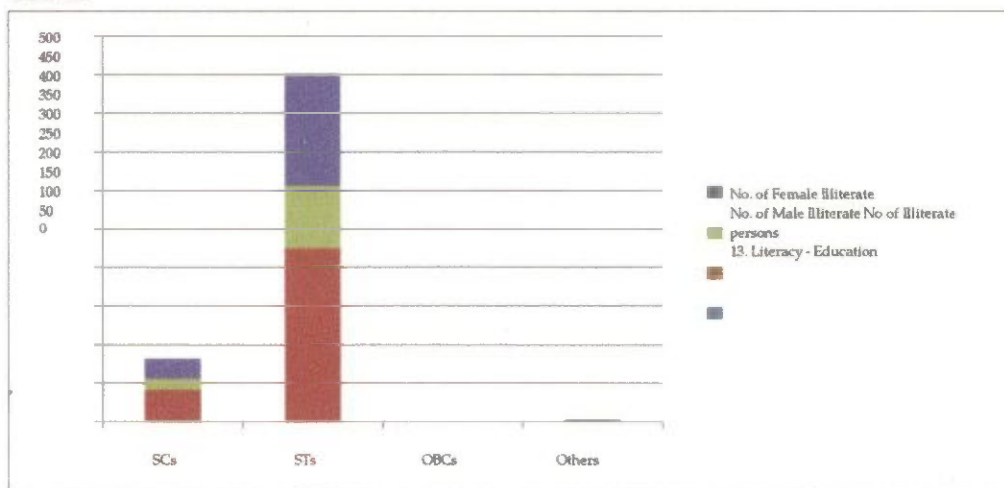

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Electricity

Majority of the household (99%) have electricity connections, 1% of households are using kerosene for lighting their houses. The condition of street lighting is poor in the slum.

Literacy level

It is observed that majority of the population is illiterate. Literacy of the female population is more than that of the male.



Details of Social Infrastructure at a glance:

Education Facilities	
Pre-primary School	NA
Anganwadi under ICDS	With distance less than 0.5 kms
Municipal pre-school	0
Private pre-school	0
Primary School	
Municipal	NA
State Government	With distance less than 0.5 kms
Private	NA
High School	
Municipal	NA
Private	NA
State Government	With distance less than 0.5 kms
Adult Education Centre	NA
Health Facilities	
Urban Health Post	NA
Primary Health Centre	With distance less than 0.5 kms
Government Hospital	1.0 to 2.0 kms
Maternity Centre	0.5 to 1.0 kms
Private Clinic	With distance less than 0.5 kms
Registered Medical Practitioner(RMP)	With distance less than 0.5 kms
Ayurvedic Doctor/Vaidya	1.0 to 2.0 kms
Social Development/Welfare	
Community Hall	NA
Livelihood/Production Centre	NA
Vocational training/Training-cum-production centre	1.0 to 2.0 kms
Street Children Rehabilitation centre	0
Night Shelter	0
Old Age Home	2.0 to 5.0 kms
Self Help Groups/ DWCUA Groups in Slum	0
No. of Neighbourhood Groups(NHGs) in slum	0
Slum-dwellers Association	0
Youth Associations	1
Women's Associations/Mahila Samithis	0


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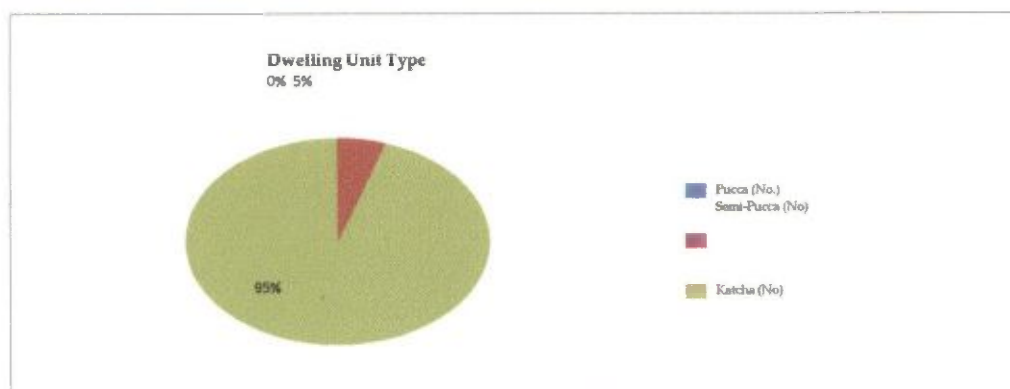

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23. Housing Status

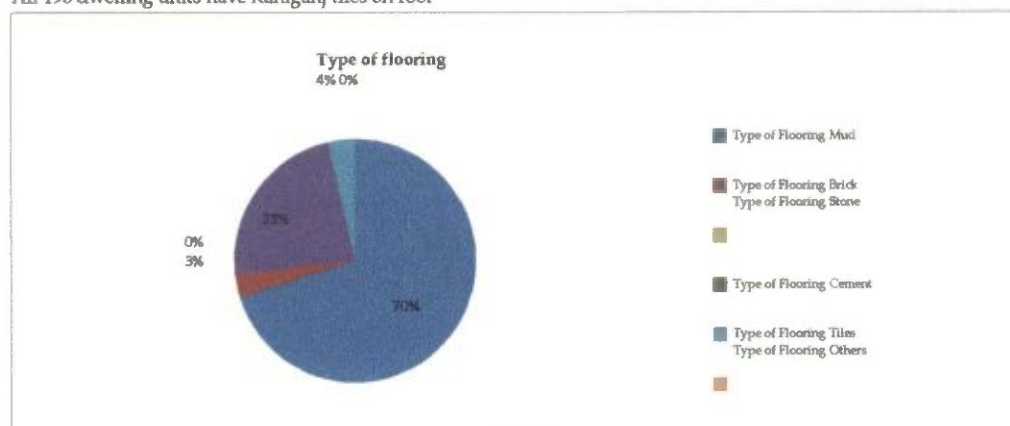
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The total number of dwelling units in the slum is 196 of which 10 are semi-pucca houses and 186 kutcha houses. It is observed that some dwelling units have multiple partitions holding more than 1 family.

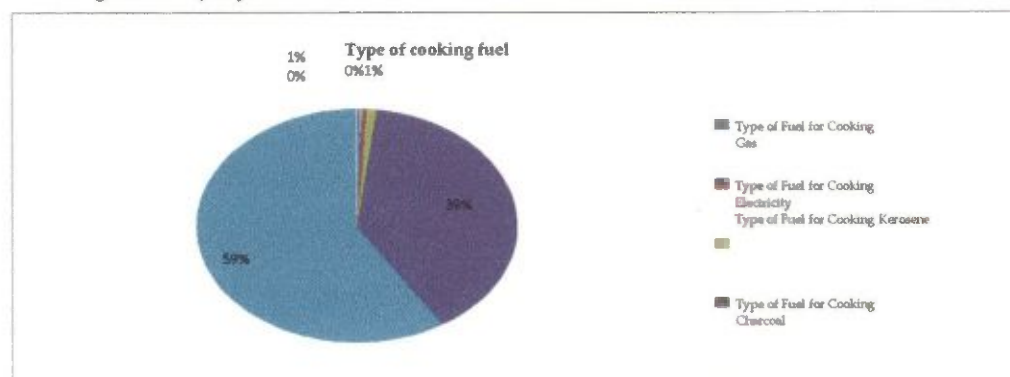
House by Type/Structure		
Pucca(Dilapidated)	Semi-Pucca	Katcha
0	10	186



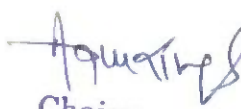
All 196 dwelling units have Raniganj tiles on roof



Most of the dwelling units have mud flooring closely followed by cement flooring. Firewood is the major source of cooking fuel in majority of the slum household.




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24. Social infrastructure

Education Facilities	
Pre-primary School	NA
Anganwadi under ICDS	With distance less than 0.5 kms
Municipal pre-school	0
Private pre-school	0
Primary School	
Municipal	NA
State Government	With distance less than 0.5 kms
Private	NA
High School	
Municipal	NA
Private	NA
State Government	With distance less than 0.5 kms
Adult Education Centre	NA
Health Facilities	
Urban Health Post	NA
Primary Health Centre	With distance less than 0.5 kms
Government Hospital	1.0 to 2.0 kms
Maternity Centre	0.5 to 1.0 kms
Private Clinic	With distance less than 0.5 kms
Registered Medical Practitioner(RMP)	With distance less than 0.5 kms
Ayurvedic Doctor/Vaidya	1.0 to 2.0 kms
Social Development/Welfare	
Community Hall	NA
Livelihood/Production Centre	NA
Vocational training/Training-cum-production centre	1.0 to 2.0 kms
Street Children Rehabilitation centre	0
Night Shelter	0
Old Age Home	2.0 to 5.0 kms
Self Help Groups/ DWCUA Groups in Slum	0
No. of Neighbourhood Groups(NHGs) in slum	0
Slum-dwellers Association	0
Youth Associations	1
Women's Associations/Mahila Samithis	0

25. The Supply Demand Gap and Requirements

The Supply Demand Gap and Requirements

Particulars	Requirements
Housing:	<p>Dwelling Unit provision for 198 Households with standard provisions:</p> <ul style="list-style-type: none"> • 1 Multipurpose Room • 1 Bed Room • 1 Kitchen • 1 Toilet • 1 W.C • 1 Balcony
Physical Infrastructure Requirement:	<p>Standard Infrastructure Provision for</p> <ul style="list-style-type: none"> • Water Supply • Sewerage & Drainage • Electricity/ Power • Roads
Requirement:	<p>Provision for-</p> <ul style="list-style-type: none"> • Informal Market • Community centre • Piggery


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Physical Infrastructure required

Water supply, Sewerage, Drain, Electricity

Social Infrastructure required

Community centre, Informal market complex

Project Development Option

In-situ redevelopment and whole of the pilot project will be addressed in the project

26. Financial Implementation

The following models can be adopted:

Community Partnership: implies development of housing by involvement of community

PPP: the market existing can be redeveloped through PPP for providing livelihood means to the slum dwellers

Beneficiary led Participation: implies development of housing by involvement of Beneficiary

Public Consultations:

Public consultations play a key role in the success of project. To make the system transparent and to create awareness among the slum dwellers, consultations are required. Through the regular interaction with the slum dwellers, the following can be known in greater details which are the prime points for the success of the project.

- Composition of beneficiaries
- Socio-economic profile
- Benefits incurred viz., social, economic, etc.
- Perception on the implementation of the Scheme
- Knowledge of PMAY

This is an innovative technique which increases the success rate of the project, assess the appropriateness of the scheme concept and design and its effectiveness in meeting objectives and the extent to which it have contributed towards achieving the goal.

27. Post Project Monitoring

A strong implementation plan and administration framework is essential for implementation of the identified projects that require strengthening of the Municipal Corporation and evolution of a Community Structure.

Accurate assessment of investment requirements and devising a suitable financing strategy are the key components of any sustainable slum rehabilitation program. Implementing bodies must recognize and measure the various costs of developing infrastructure and housing, including the costs for subsequent maintenance. As the scheme is a collaborative effort of multiple stakeholders, with a few of them contributing financially as well, it is important to estimate the required capital expenditure for developing the infrastructure and improving the housing stock as accurately as possible.

National Level**PMAY Mission Directorate**

There shall be a PMAY Mission Directorate under the charge of a Joint Secretary under the Ministry of Housing and Urban Poverty Alleviation, supported by staff and a Programme Management Unit with experts having expertise in the areas of survey and statistics, computerization and MIS, GIS, Planning, Project engineering, Social development, Monitoring and evaluation etc. for ensuring effective co-ordination with State Governments for expeditious processing of the State Slum-free PoAs and project proposals and providing handholding support to States/UTs.

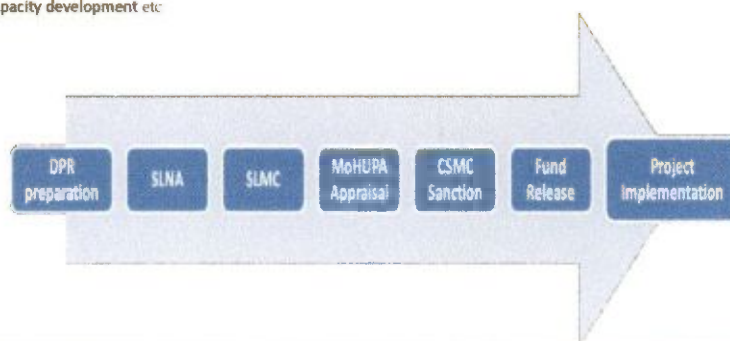
State PMAY Mission Director

The State Level Nodal Agency for PMAY/SUDA, West Bengal will have coordination of all scheme and reform-related activities more than one department handling Urban development, Local self government, and Housing. SLNA. The Mission Directorate supported by a team of dedicated professionals having expertise in the fields of GIS, MIS, town planning, community development,


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project engineering, capacity development etc



Municipal Corporation

The Municipal Corporation shall act as the implementation agency for the project. Keeping in mind the criticality of the project, a dedicated 'Bustee Works Management Committee (BWMC)' has been set up for implementation and operation & maintenance (O&M) of the proposed infrastructure under the scheme.

The BWMC will have representatives of local councillor, Chairman-in-Council, municipal engineers, town project officer, community organizers and member from the local slum dwellers.

Some of the responsibilities of BWMC are listed below:

- i. Delineation of poverty pockets in this town to execute the scheme.
- ii. Recruitment of community organizers
- iii. Guiding and assisting the community organizer to form neighbourhood group (NHG) and for identification of RCVs.
- iv. Formation of NHCs and CDs.
- v. Constitution of town level planning and monitoring committee (TLPMC).
- vi. Liaison with CMOH and other concerned district level officers and NGOs for conference.
- vii. Regular contact with SUDA and Department of Municipal Affairs.
- viii. Convening meeting of TLPMC to take stock of programme implementation and convergence.
- ix. Dovetail all poverty alleviation programmes with IHSDP.
- x. Obtain regular feedback from CDS and send the required monthly progress report to SUDA by the end of first week of the next month in the prescribed MIS format.

Participation through Ward committees

People's participation in municipal planning and development is critical and shall be ensured through of Ward Committees in each ward irrespective of their population and size.

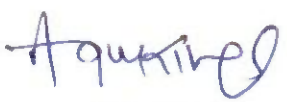
The Ward Committee Rules have also been framed in such a way so as to ensure involvement of the members of the Ward Committees in the overall municipal administration and resource mobilization. The Ward Committee created especially for the purpose of PMAY will be headed by the Councillor of the Ward, who would in turn submit the report of progress to BWMC

Some of the responsibilities the Ward Committee will be:

- i. Supervision of the physical progress of the work under the project
- ii. Designating in-charge, who would be held responsible for individual scheme under the project
- iii. Collecting user charges for operation and maintenance (O&M) activities
- iv. Ensuring proper maintenance of each of the assets that is created under the project


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Participation through Community Based Organization

Participation of poor families in planning and implementation of slum level Basic Infrastructure Development as well as Socio-Economic Development has been ensured through formation of Community Based Organization. The Ward Committee will also have representative of weaker community. Similar structure have also been involved by the municipalities in providing civic services like conservancy services, maintenance of street light, etc. municipal administration and resource mobilization.

However, basic guidelines, which will be followed in implementation of the projects, are been laid down below:

28. Water Supply, Drainage and Solid waste management

From the very inception of Bhatpara as municipality, the main source for the supply of drinking water was from river Hooghly. Water was treated at vintage water treatment plants run by jute mills and distributed through pipeline network covering a small part of the town. Over the years, municipality has taken up number of water supply augmentation, including i) laying piped water supply distribution network by drawing funds from its own budget and other sources like CUDP III, 10th Finance commission etc., ii) rolling out 24x7 water supply scheme, a Rs. 250 crores project (2010-2014) implemented by KMDA under JNNURM, involving construction of a new 23 MGD Water Treatment Plant at Jagatdal, 18 overhead reservoirs and further spreading out of surface water pipeline network in other parts.

Currently, the town has a total of 330 km of surface water pipeline network catering to 96% of total population of the city and providing direct water connections to 31,000 households, of which 110 km runs within wards 1-22 and the remaining in the other 13 wards. Post the implementation of JNNURM project, daily piped water supply of the town has reached at 70 MLD.

Despite the existence of surface water supply network and coverage, municipality has to resort to ground water to meet the supply at some parts of the town. As per ULB records, 10% of the entire water supply is dependent on groundwater through deep tube wells and hand pumps, mainly in the ward nos. 06, 07, 25, 32 and 35.

The table below presents a service level standard of Bhatpara in terms of coverage of the city with respect to water supply.

Table 10: Water Supply Benchmarks for Bhatpara Municipality

S/No	Indicator	Central Level Benchmarks	State Level Benchmarks	Present Status 2013-14	Targeted status during 2014-15
1	Coverage of Water Supply Connection	100%	100%	82%	92%
2	Per Capita available of Water at consumer end	135 Lpcd	135 Lpcd	105 Lpcd	135 Lpcd
3	Extent of metering of Water Connections	100%	100%	0%	0%
4	Extent of Non-Revenue Water	20%	20%	20%	20%
5	Continuity of Water Supply	24/7 Hrs/Day	24/7 Hrs/Day	10 Hrs./Day	18 Hrs/Day
6	Efficiency in redressal of customer complaints	80%	80%	82%	90%
7	Quality of Water supplied	100%	100%	80%	95%
8	Cost recovery in water supply service	100%	100%	22%	35%
9	Efficiency in collection of water supply related charges	90%	90%	60%	70%

Source: MoUD, GoI and Bhatpara Municipality, 2014


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Storm water Drainage

Mukterpur canal starting from Tinshukia to river Hoogli (5 km in length) is the main channel for waste water outlet of the town. Other two main drains, namely, Rishi Bankimkhal and Shyam Nagar Khal, run through the northern and southern boundary area feeding canals of Mukterpur and Barti Beel respectively. These channels now have been silted. The banks of the channel are fairly high with respect to the intermediate spread of land. Bhatpara has 107 km of pucca drains and 125kms of katcha drains.

Due to lack of maintenance and heavy siltation these channels are not adequate for drainage in current form. As a result, a large number of low lying pockets, which remains water logged in the rainy seasons, have been created. The land in the municipal area is generally flat and the slope is towards intermediate field from the riverbanks.

Table 11: Storm water Drainage Benchmarks for Bhatpara Municipality

S/No	Indicator	Central Level Benchmarks	State Level Benchmarks	Present Status 2013-14	Targeted status during 2014-15
1	Coverage of Storm Water Drainage Network	100%	100%	80%	85%

Sewerage & Sanitation

The sewerage network has only 15% coverage in the entire city. The network has primarily evolved in three stages, which are:

- **Stage I (1931-1973):** It started with laying of initial drainage network in 1931, which was further extended by the PHE in 1973. This led to laying of total 20.42 km of drainage network at this stage. Also a STP of capacity 10 MLD was constructed which is presently functional.
- **Stage II (1987-1993):** Bhatpara was brought under the purview of Ganga Action Plan (GAP) in the period 1987-1993, during which the old drains and outfall points were intercepted and 5 lifting stations and 2 pumping stations were constructed for better collection and transmission. A total of 15 km of pipeline was constructed during this phase in wards 1-22.
- **Stage III (2013- 2017 Projected):** Further improvement of the sewerage system is being implemented under NGRBA since 2013. Scheduled to be completed by 2017, this project is focused on eastern wards of the municipality, which has no sewerage system currently. As part of this Rs. 332 crores project, key envisaged outcomes include:
 - Laying of 125 km of Sewerage Pipeline
 - Setting up of 23 lifting stations
 - Setting up of 3 Pumping Stations
 - Setting up of 3 STPs at a) Jagatdal ward No 15, b) Dipali Math ward No 23 and c) Rabindra Pally ward No 6 with a total capacity of 61 MLD

As on June, 2014 the project is running on time and 27% of the project work is already completed.

In addition to sewerage and sanitation works carried out in above three stages, municipality had underwent annual repair and maintenance work for the existing pipelines leveraging own fund of the municipality based on as-is-where-is basis.

The table below presents a service level standard of Bhatpara in terms of coverage of the city with respect to sanitation and sewerage. Table clearly shows though toilet coverage of the town is reasonably good, but lot of interventions are required to improve sanitation and sewerage facilities as there is no household level drainage facility leading to unhygienic environment in slums.

Table 12: Sewerage and Sanitation Benchmarks for Bhatpara Municipality

	Indicator	Central Level Benchmarks	State Level Benchmarks	Present Status 2013-14	Targeted status during 2014-15
1	Coverage of Full	100%	100%	85%	90%
2	Coverage of wastewater network services	100%	100%	25%	45%
3	Collection Efficiency of Waste Water Networks	100%	100%	60%	65%
4	Adequacy of Waste water treatment capacity	100%	100%	45%	55%
5	Extent of Reuse and recycling of treated wastewater	20%	20%	3%	15%
6	Quality of Waste Water Treatment	100%	100%	94%	95%
7	Efficiency in redressal of customer complaints	80%	80%	60%	75%
8	Extent of cost recovery in Waste Water Management	100%	100%	4%	7%
9	Efficiency in collection of sewerage charges	90%	90%	0%	0%

Source: MoUD, GoI and Bhatpara Municipality 2014


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Solid Waste Management

Bhatpara Municipality generates approximately 6050 MT/month of solid waste. Presently there is no proper solid waste management in the municipality and it is dumped in open landfill sites. There are two spots which currently the municipality uses as dumping grounds. They are: i) Madral low cost treatment plant (in use for last 10 years) and ii) Fingapara Ward 29-35 border (in use for last 4 years). The waste is collected mostly by Handcarts and then dumped by tractors and trailers. Recently, a SWM pilot project (Rs. 28 Crore approx.) is being implemented under NGRBA.

The table below presents a service level standard of Bhatpara in terms of coverage of the city with respect to Solid Waste Management. In terms of household level coverage solid waste management and segregation of municipal solid waste, the municipality is not at a good stage.

Table 13: SWM Benchmarks for Bhatpara Municipality

	Indicators	Central Level Bench marks	State Level Benchmarks	Present Status 2013-14	Targeted status during 2014-15
1	Household level coverage of solid waste management services	100%	100%	25%	45%
2	Efficiency of collection of municipal solid waste	100%	100%	90%	92%
3	Extent of segregation of municipal solid waste	100%	100%	15%	20%
4	Extent of municipal solid waste recovered	80%	80%	80%	85%
5	Extent of scientific disposal of municipal solid waste	100%	100%	15%	40%
6	Extent of cost recovery in solid waste management services	100%	100%	10%	15%
7	Efficiency in collection of solid waste management charges	90%	90%	10%	11%
8	Efficiency in redressal of customer complaints	80%	80%	85%	90%

29. Definition of Slum for Housing

Different definitions of a slum exist in different statutes and in urban poverty literature. For the purpose of HOUSING SCHEME, it is proposed to adopt the definition given in the 2001 Census, which is as follows:

'Slum' or 'Slum Area' – is a compact settlement of at least 20 households (For NE & Special Category States it is 10-15 households) with a collection of poorly built tenements, mostly of temporary nature, crowded together usually with inadequate sanitary and drinking water facilities in unhygienic conditions.

30. Proposed Intervention & Building Plan

In line with the vision to **'housing for all'**, an integrated housing programme is proposed to be implemented. The target will be all the slum dwellers in the pocket. DUs have been designed after required calculations. The following table provides the breakup of the building units based on its type:

Building Plan

The buildings are proposed to cover an area of approximate 30 Sq.mt along with provision of 2 rooms, kitchen and sanitation facility. The layout, size and type design of housing dwelling units depends on the local conditions and the preferences of the beneficiary. The houses, has been designed in accordance with the desire of the beneficiaries, keeping in view the climatic conditions and the need to provide ample space, kitchen, ventilation, sanitary facilities, etc. and the community perceptions, preferences and cultural attitudes.


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In line with the scheme, carpet area of the house will be not less than 25 sq. mts and preferably two room accommodation plus kitchen and toilet should be constructed.

Building material

- PCC (1:3:6) for foundation
- RCC M-25 for substructure & superstructure (Column, Beam, Slab)
- HYSD Steel
- 1st class Brick Masonry
- 1:6 (Cement: Sand) plaster – 10 mm on soffit of beam & slab, 15 mm on internal walls & 20 mm on external walls
- IPS flooring

Structural Design

- For all structural elements, M20 grade concrete and Fe 415 grade of steel is used.
- Plinth beams passing through columns are provided as tie beams.
- Pedestals are proposed up to ground level.
- Beam Centre-line dimensions are followed for analysis and design.
- For all the building, walls of 225 mm and 125mm thick with 20 mm External plaster and 12 mm thick internal plaster are considered.
- Seismic loads are considered acting in the horizontal direction along either of the two principal directions.

Design data

- Live load: 2.0 kN/m² at typical floor
- 1.5 kN/m² on terrace (With Access) : 0.75 kN/m² on terrace (without Access)
- Floor finish 50mm (0.05*24) = : 1.2 kN/m²
- Ceiling plaster 12mm (0.012*20.8) : 0.25 kN/m²
- Partition walls (Wherever Necessary) : 1.0 kN/m²

All the proposed roads are rigid pavement-cement concrete roads. Rigid pavements are those which possess noteworthy flexural strength. The concrete pavement slab can very well serve as a wearing surface as well as effective base course. Therefore usually rigid pavement structure consists of a cement concrete slab, below which a granular base or sub base course may be provided. Rigid pavements are generally designed and the stresses are analyzed using elastic theory, assuming pavement as an elastic plate resting over elastic or a viscous foundation.

Construction of granular sub-base (GSB) 200 mm thick. Construction of 150 mm thick cement concrete pavement, as per Clause 1501.2.2 M30 (Grade), as per drawing and Technical Specification Clause 1501.

The details of proposed roads provide are as follow:

- Terrace finish: 1.5 kN/m²
- Earthquake load: As per IS-1893 (Part 1) - 2002
- Depth of foundation below ground: 1.5 m
- Walls: 230 mm thick brick masonry walls at external and 115mm walls internal.


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In line with the scheme, carpet area of the house will be not less than 25 sq. mts and preferably two room accommodation plus kitchen and toilet should be constructed.

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Structural Design

- 2
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Reference Codes:

- IS 456: 2000 - Code of practice -Plain and Reinforced concrete.
- IS :1893 :2002 - Criteria for Earthquake resistant design of structures(Part-1)
- IS: 13920: 1993 - Ductile detailing of Reinforced concrete structures subjected to seismic forces.
- SP: 34 - Hand Book on Concrete Reinforcement and Detailing.
- S: 875: 1987 - Code of practice for design loads (other than earthquake) for buildings and structures. (Part-2)
- NBC:2005

It is thus proposed to have an integrated drainage programme covering the slum pocket. The programme shall envisage construction of pucca drain throughout the road length and installing a maintenance programme to ensure that the drains are kept free from clogging from plastics and other materials. Depending on the availability of space and requirement, a sections have been designed, Designs of which have been provided in the relevant sections.

Construction of open Drains with 250 and 300 size are proposed by using 1st class bricks masonry in CM 1:4 over a bed of 100mm thick C.C. 1:3:6, filling of edged with 1:2:4 artificial stone flooring, 12mm cement plaster (1:4.), drain 1.5x1.5m size up to existing RCC pipe Culvert. The drains have been planned in matter that they shall have an outfall on connecting drains. The playground has drains running on both side, one on the internal side along the road and the other on the external side. The boundary wall along the playground will be provided with weep-holes.


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31. Summary of Investment

The costing for the individual sectors has been made on the basis of applicable Schedule of Rates. The details of each of the sub-projects have been provided in the respective sections.

The cost components include:

Infrastructure: Cost of infrastructure development/up-gradation including water supply, sewerage, storm water drainage, solid waste management, roads & drainage, street lights, etc.

Social infrastructure : Cost for the social infrastructure (like community halls, Balwadi / School, common toilet & bath etc. Market/ Shopping, Play area/ park and parking) should also be calculated in a similar manner prescribed above.

Housing: Construction Costs would need to be arrived from the various components that are proposed to be implemented and would vary depending on the development option identified.

Other costs

Administrative overheads and engineering design : In addition to the cost of infrastructure, calculated at the current market prices, a reasonable cost should also be estimated for administrative overheads and engineering design.


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Land : There should not generally be any cost for land unless the land needs to be purchased/ acquired for the scheme implementation, where necessary.

Operation & Maintenance Costs : Costs for O&M of assets created under PMAY is permissible. This has been fixed at 2% of the approved project cost of which the Central share would be 50% i.e 1% of the approved project cost.

GOI Contribution:

PMAY scheme guidelines stipulate that, fifty percent (50%) of the cost of provision of basic civic and social infrastructure and amenities and of housing, including rental housing and transit housing for in-situ redevelopment in slums, would be borne by the Centre. However, for the North Eastern and Special Category States the share of the Centre would be 90% including the cost of land acquisition, if required.

The Central share would be available as per milestones set out in Memorandum of Agreement (MoA). GoI would also extend overall support to the implementation of the HFA which would include (a) Technical guidance and assistance to the States/cities and funds for preparatory activities (b) Supporting community education/mobilisation through engagement of non-governmental organizations

State Contribution:

The decision would be left to the State/UT as to the sharing of the amount given by the Centre as explained above, between infrastructure costs and shelter subsidy, and the means of raising their matching share. However, it is mandated that state share should be a minimum of 20% of the cost of provision of infrastructure and civic amenities, to ensure their financial and monitoring stake in the

Beneficiary Contribution:

In order to ensure beneficiaries interest, financial contribution by the beneficiaries is critical.. The share of beneficiary contribution in housing is proposed to be a minimum of 5% of total cost . As per PMAY guidelines no contribution from the beneficiaries is expected in infrastructure improvements.

The ability of these beneficiaries to access formal affordable credit in case of housing is difficult, hence enabling structures/frameworks would need to be evolved. The beneficiaries would need to actively participate in the process of accessing formal credit. Options such as aggregation of loans to a community of beneficiaries wherever feasible, should be examined and encouraged.

ULB Contribution:

The remaining share would have to be arranged by the ULBs out of its resources. ULBs would need to continue fiscal reforms that have already been initiated under PMAY and other schemes. Approach to financing of the ULB contribution will be a combination of initiatives that ring-fence and maximise internal accruals, and developing a framework for sustainable community participation.


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The phased financial projections would then be compared with the investments to assess the adequacy. In case the finances are inadequate, the investments would need to be reassessed for phasing and prioritization.

Bhatpara Project Cost						
S/No	Scheme	Units	Qty. In Nos	Rate(in Rs/ Unit)	Amt (In Lakhs)	Sub Total in Lakhs
1	Housing					
	Dwelling Unit	Nos	622	367858	2288.08	
	Total Housing Cost Sub Total (A)				2288.08	2288.08
	B.Infrastructure					
2	Roads					
	C.C.Road	Sq/Mtr.	0	1736		
3	Storm Water Drain					
	Sec: 100mmX300mm	Mtr	0	2540		
	Total Infrastructure Cost Sub Total (B)				228.81	228.81
	Total (A+B)				2516.89	2516.89
	C. Other Cost					
	DPR Preparation, project management, Supervision & Quality Control		%of Total Cost	1%	25.17	
	Contingency @ 3%		%of Total Cost	3%	75.51	
	Sub Total (C)				100.68	
	Grand Total (A+B+C)				2617.56	

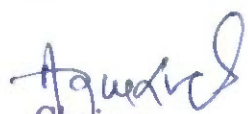
The total project cost will be 26.1759 crores

Out of these 12.61 Crores is the cost of Housing Infrastructure. The following table shows the share of cost between housing infrastructure & Social & Physical Infrastructure.

Table: Cost Breakup between Housing & Infrastructure

Sl No.	Component	Cost on Lakhs	% of Total Cost
1	Housing Cost (622 Dwelling Units)	2288.08	87.41%
2	Infrastructure Cost	228.81	8.74%
3	Others Project cost for DPR & Contingency	100.68	3.85%
	Total Project cost	2617.57	100%


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Financing Strategy:

Cost per dwelling units is = 3.68 Lakhs. As per PMAY guideline General and OBC beneficiary will pay 6.80% of housing cost . As per that the following will be calculation of beneficiary contribution.

Table: Calculation of Beneficiary Contribution

Cost of each Household (Lakhs)	3.68
Total Household	622
General	434
SC	148
ST	8
OBC	32
Minority	0

Beneficiary Contribution

Table: Investment Pattern of different sources

BHATPARA PROJECT COST: SHARING PATTERN						(Rs in lacs)
Scheme Component	Proposed Project Cost(in Lakhs)	Appraised Project Cost	Central share	State Govt. Share	Ulb Share	Beneficiaries Share
A. HOUSING						
Total Housing Cost Sub Total (A)	2288.08	2288.08	933.00	1199.58	0.00	155.5
B.INFRASTRUCTURE						
Total Infrastructure Cost: Sub Total (B)	228.81	228.81	0.00	114.40	114.40	0.00
Total (A+B)	2516.89	2516.89	933.00	1313.98	114.40	155.50
C. OTHER COST						
DPR Preparation, project management, Supervision & Quality Control @ 1% of project cost	25.17	25.17	9.33	0.00	0.00	0.00
Contingency @ 3%	75.51	75.51	75.51	0.00	0.00	0.00
Sub total (C)	100.68	100.68	84.84	0.00	0.00	0.00
Grand Total (A+B+C)	2617.56	2617.56	1017.84	1313.98	114.40	155.50

Bank Loans for long term period with interest rate / differential interest rates to the beneficiary. As most of the people in the slum are employed and above BPL there may not be any problem in paying back the loans.


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32. Convergence of Health and Education

Health

Development Objectives for the Health Care Service Delivery Improvement Plan. Some of the development objectives, which the Bhatpara Municipality address through their Health Care Service Delivery Improvement Plan, are as follows:

Theme 1: Public Health Services:

- i. Better coordination with State Government hospitals and dispensaries for maintaining a better referral system.
- ii. Improve the asset and human resource utilization pattern of health services such as ambulance services, dispensaries etc.
- iii. Ensure that all types of cooked / uncooked food in the municipality area are sold by licensed food sellers to prevent spread of diarrhoeal and other disease in the area.
- iv. Strengthening and developing Health Management Information System.
- v. Exploring opportunities for strengthening decentralization and other public private partnerships in providing such public health services
- vi. Partner with leading private sector providers of medical services for better utilisation and maintenance of medical infrastructure such as municipal dispensaries, maternity homes.

Theme 2: Reproductive and Child Health Care Services:

- i. To establish quality antenatal care to 100% of the slum women.
- ii. To establish 100% institutional delivery for all women living in slums.
- iii. 100% immunization of infants against six killer diseases within 12 months of birth.
- iv. Making sterilization services available by way of improving efforts related to family planning.
- v. Formulate a wider basket of services aimed at providing health priorities within the RCH domain that have not been adequately addressed, as well as some health priorities outside the RCH domain which are major contributors to the burden of disease and impoverishment are included.

- vi. Spreading health awareness through various methods of communication not only to the beneficiaries of the Programme but also to the excluded groups and areas within the wards.

Theme 3: All other Government Programmes for Preventive Health Care and other Independent Initiatives taken by the ULB:

- i. Promotion of hygienic measures to lead to reduced diarrhoeal disease with prompt and appropriate care and reducing household expenditure on recurrent diarrhoea.
- ii. Increase the coverage of vector control operations by rationalizing the use of assets and human resources available.
- iii. Effective implementation of Government Programmes to achieve the targeted goals and objectives.
- iv. The following schemes under implementation by the State Govt. in the social sector can be dovetailed and integrated with the IHSDP Program to ensure effective slum development. The Socio Economic Survey has already identified beneficiaries under the scheme.


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RCH & IPP VIII Extension:

A surveillance program initiated by the State Govt. after completion of the World Bank Assistance in the two schemes. Main objective is to provide Health care facilities at the door steps of the slum dwellers / BPL Population, with emphasis on Mother and child health, preventive cares and immunization, Institution delivery, birth control.

Health Program under DFID Assistance:

With the same objective as above with decentralization of health care activities by formation of Health sub centers, which can be operated from the Community Seva Kendras, proposed earlier.

Education

The Municipality has been actively implementing key initiatives in the Education sector through convergence with the following objectives:

- Improvement Of the Status & Infrastructure & Basic Service in Primary Schools under Municipality.
- Achieving 100% enrolment in schools for next 5 years.
- Enhancing the quality of education provided in pry school with respect to student performance & teaching quality.
- Leveraging the existing resources created under the NSDP and other programme and increase the coverage in excluded committee and squatter settlements
- Achieving higher enrolment of children in age group of 6-14 in SSK centres
- Strengthening Parent Teacher Association and involving community participation in improving the performance of school
- Creating awareness in the community through the existing community structures (NHG, NHC, CDS members) on the importance of primary and adult education.

Extensive training programme for teachers & sahayekas is being organized for improvement of quality teaching. Construction, extension and repair of SSK buildings must be done so that a greater portion of children aged 5 to 14 yrs can attend there.

SSA : 'Sarba Siksha Abhiyan' – a scheme meant for 'education for all'

SSK : 'Sishu Siksha Kendra' – Mainly aimed at offering free primary education to the poorer section of the community.

Mid-day Meal: A program initiated to central the drop out rates, has been found success since its initiation.


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33. Environment Impact Assessment

IMPACT & REMEDIES		
1	Utilization of alternative material characteristic and availability of alternative material	Locally available bricks etc will be used.
2	Rehabilitation of water bodies and measures for maintaining surface runoff smoothly	No water body is affected by the alignment of road. The roadside open c.c./ brick masonry drains have been provided for free flow of storm water
3	Measures for Erosion Control	Not applicable for the slum area
4	Conservation of Topsoil	
	a) Extent of loss of topsoil	
	b) Area requirement for topsoil conservation	
	c) Inclusion of conservation of topsoil	Not applicable for the slum area
5	Impact on Heritage & culture	
	a) Identification of locally significant cultural properties	
	b) Assessment of likely impacts on each cultural property due to project	
	c) Possible measures of avoidance	
	(i) Identification of alternative routes	
	(ii) Relocation of cultural property in consultation with local community	
	(iii) Common property	
		Question does not arise
6	Location of natural habitants	It will not be disturbed
7	Construction of site office/ camp	Temporary construction of camp/ office shall be established by contractor and since the project is small and scattered, the temporary impact on environment for construction camp/ office at the time of execution of work is negligible.
8	Quarrying of materials	The construction materials require for the project shall be procured from:
	a) Sourcing of materials from quarries	a) Stone metal: from the existing quarry
	b) Lead from various existing quarries	b) Bricks: from the existing brick fields, nearby the project site
	c) Adequacy of materials for the project in these quarries	

34. Operation & Maintenance

Formulation and Implementation of "Operation and Maintenance Plan for Slum Level Infrastructure Work."

Background

It is recognized that the assets created in slums are required to be properly used and maintained. For this purpose, 'Operation and Maintenance Plan' for the slum is being prepared


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Formulation and implementation of O&M Plan

1. The assets created in project area are required to be properly used and maintained.
2. For this purpose each ULB will formulate and implement a fully resourced 'Operation and Maintenance Plan' for project area where infrastructure works have been undertaken from BSUP funds.
3. The following steps will be taken prior to preparation of the 'Operation and Maintenance Plan' for each slum :
 - a) The ULB along with the CDS working in the Slum where infrastructure works were performed will arrange a meeting (1st) with all slum dwellers of that particular slum.
 - b) At this meeting the Local Councillor, Chairman-in-Council or Mayor-in-Council of slum development work, Municipal Engineers, Town Project Officer, Community Organiser, CDS members and RCVs of that particular slum will be present. Other members / officials as felt necessary may also be present.
 - c) At this meeting the need for formation of Bustee Works Management Committee (BWMC) for looking after 'Operation and Maintenance Plan for Slum Level Infrastructure work' will be explained to the slum dwellers.
 - d) The stock of work done and assets created under slum level infrastructure works of that particular slum will be listed at this meeting.
 - e) At this meeting the ULB will brief the slum dwellers about the constitution, role and functions of the BWMC.
 - f) A similar next meeting (2nd) will be held at which the BWMC will be elected as per constitution through informal election. If one meeting is not sufficient more such meetings may be arranged.
 - g) Minute of each meeting with signature of the participants should be maintained.

Constitution & functions of the Bustee Works Management Committee (BWMC):

- a) The BWMC will consist of minimum 5 members, all of whom will be resident of that particular slum.
- b) In addition, one RCV from that slum will be member.
- c) There will be at least two female members in the BWMC.
- d) The members of the BWMC may be from BPL / APL or both.
- e) At least one member will belong to a Neighbourhood Group (NHG) from that slum.
- f) The BWMC will be elected through an informal process of election.
- g) There must be good publicity to ensure wide attendance.
- h) At least 40% of slum dwellers must be present in the meeting during election of BWMC.


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- i) The BWMC will be an independent body. The ULB will be responsible for overseeing the work of BWMC.
- j) The BWMC will hold office for a period of two years, after which a new committee will be elected. If any member resigns or moves out of the slums or is incapable of functioning for any reason, another member will be elected in his / her place within one month.
- k) Each BWMC will open and operate a separate bank account. This bank account will function as the O&M fund for that slum.
- l) The BWMC will be authorized by the ULB to raise funds for O&M as is elaborated under item no. 13.
- m) The ULB will make matching contribution against the fund raised by the BWMC through user charges to encourage the process.
- n) The BWMC will report to the slum dwellers in a meeting held once in six months on revenue, expenditure and maintenance issues. This meeting will be attended by Local Councillors, ULB Officials & Engineers. Community Organizer. Town Project Officer. CDS member.
- o) There must be an agreed upon O&M Plan between the ULB, CDS and BWMC for the assets created in that particular slum under IHSDP as listed in 1st meeting.
- p) They will need interim hand holding which will be extended by the ULB by providing their technical person and accounts person for technical and accounts support. Otherwise the ULB can take help of local NGOs / CSOs for providing support to BWMC.
- q) Chairman, Secretary and Cashier will be selected within the BWMC. Bank account will be operated by any two of them jointly.
- r) The existing Beneficiary Committee will cease after the BWMC is formed.

Maintenance:

Water Supply:

Routine maintenance

- a) Daily cleaning
- b) Petty repair
- c) Periodical testing of water

Petty repair involves mainly replacement of street stand posts, repairing of hand pump and platform. It is to be ascertained by the ULB / Bustee Works Management Committee (BWMC) how much money is roughly required per month for meeting the cost of this petty repair, daily cleaning and periodical testing of water. The cost of petty repair works and daily cleaning is to be met from collection of fund from the Beneficiaries.

The Bustee Works Management Committee (BWMC) will supervise this 'Daily cleaning and petty repair work'.

Sanitation: Community latrine

Daily cleaning and petty repair work:

- It requires daily cleaning (once, twice or more) by engaging a sweeper on contract.
- Replacement of Bib cock and other petty repairing work

It is to be ascertained by the ULB / BWMC as to how much money is required per month for carrying out the work of item (i & ii). The cost of item (i & ii) is to be met from ULB fund / Beneficiary Contribution / or a combination of both in every month. This decision may be taken. The BWMC is required to collect the contribution from Beneficiaries every month and supervise the work.


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Major repair and maintenance work:

Periodical maintenance of latrine structure by way of plastering, colour washing, door, window, floor repairing, replacement of broken (W.C.) pan, cleaning of septic tank etc

Major repair and maintenance work will be implemented by the ULBs from their fund by engaging CDS / contractor or ULB staff.

Drainage:

Petty repair, operation and maintenance:

It requires cleaning at least once or twice in a week and occasional petty repair. This work should be executed by the BWMC, for which the BWMC will first decide how much money will be required in every month for getting this work done. Once the amount is ascertained, the ULBs will decide whether this expenditure may be fully met from the contribution of the Beneficiaries only or proportionately shared by ULB and Beneficiaries. The BWMC will collect the contribution from Beneficiaries. It is to be decided how the contribution be collected. The BWMC will supervise the work.

Major maintenance and repairing work like plastering, reconstruction of damaged portion and other works may be needed from time to time.

Major maintenance and repairing work will be executed by the ULBs from their fund by engaging CDS / contractor or ULB staff.

Road:

Maintenance of Concrete paved road:

Sweeping, petty repair and maintenance will be implemented by the BWMC for which they will collect contribution from Beneficiaries.

Solid waste management:

1. Daily door to door collection and depositing to the nearby container / trailer
2. Will be done by the ULB with existing staff. The staff engaged for this work will report to the BWMC who will supervise their work. The BWMC will maintain the attendance of the staff attending the work and report on weekly basis to the ULB regarding their attendance and performance. BWMC will first assess how much money will be required every month. The BWMC will collect the contribution from Beneficiaries every month. BWMC will supervise the work.
3. Transporting from container / trailer to dumping / composting ground
4. The ULBs will execute the work from their fund.

Duties of BWMC

1. They will maintain a register showing the existing services / structures under their control :
 - i. **Water supply**
 - a) What is the length of water line
 - b) What is the diameter and material of water line
 - c) How many stand posts are there
 - d) How many small dia-deep tube wells are there and their status (functioning / defunct)
 - e) How many big dia deep tube wells are there and their status (functioning / defunct)


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They will maintain a register for keeping stock of materials which are often required for day to day maintenance work like bib cock, short pipe for stand posts etc.

ii. Sanitation, Drainage, Solid waste management, Community Centre

a) They will maintain a register showing number of existing community latrines, Community Seva Kendra and community centres under their control with their status. They will also maintain a register of consumable goods like Muriatic acid, brush, broom, towel, soap etc. which will be required for maintenance purpose.

2. They will maintain an attendance Register for the persons attending duties. They should also maintain a register of income (collection) and expenditure.

3. The Bustee Works Management Committee (BWMC) will be responsible for awareness generation amongst the slum dwellers for upkeep and maintenance of the assets created.

Function of ULB for O&M work through BWMC:

- i) Formation of Bustee Works Management Committee (BWMC) through a process of election.
- ii) One cashier to be elected among the BWMC for keeping accounts.
- iii) O&M Plan as per format to be discussed with all slum dwellers and agreed and a Tripartite Agreement signed by ULB, CDS and Bustee Works Management Committee.
- iv) ULB to pass the O&M Plan by Board of Council and earmark funds as required.
- v) ULB to allot work to one engineer and one accounts person to supervise, implement of O&M Plan and keep in regular touch with the BWMC to ascertain and solve minor problems. Local councillor may also be asked to supervise along with the engineer and liaise with the BWMC.
- vi) Necessary corrective action from time to time may be taken by ULB.

Proposed funding pattern for O&M work by BWMC

Under PMAY Projects, guidelines indicate that, O & M cost of first five years. This should be applicable to Cost of Buildings i.e. group housing, community centre etc. The beneficiaries should form a Residents Welfare association who should be responsible for maintenance of residential buildings, community facilities beyond the first five years. As far as the infrastructure viz. Roads, drains, street lighting, Water supply, sewerage is concerned the O & M becomes part of city wide infrastructure. However it is considered appropriate that beneficiaries would pay user charges for infrastructure for which the concerned authorities should work out appropriate User charge with suitable cross subsidy. In addition, the administrative arrangement for attending to complaint and regular maintenance to ensure on time maintenance also needs to workout.

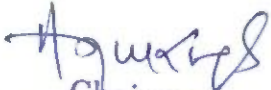
Future year's operation and maintenance will be met out from a mix of user charges and ULB funding.

Arrangement for training to the members of the BWMC for petty repair, operation and maintenance work should be made by the ULB.

A cost for O&M of assets created under PMAY is permissible. This has been fixed at 2% of the approved project cost of which the Central share would be 50% i.e. 1% of the approved project cost.


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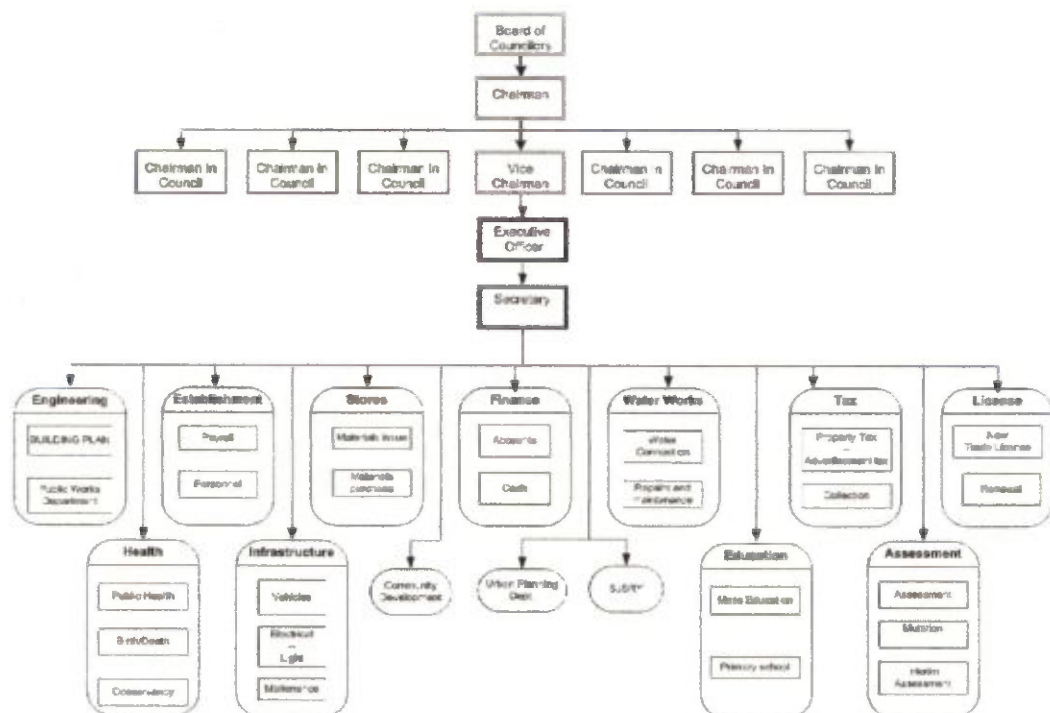

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35. Institutional Capacity

Bhatpara Municipality, with its elected local body in place, has developed institutional strength to implement, operate & maintain proposed infrastructure. The municipality spreading over an area of 29.14 square kilometres is comprised of 20 wards. With efficient and trained manpower, the municipality has developed both technical and administrative skills. The development of appropriate municipal organizational structures with qualified staff is essential if municipalities are to provide cost effective services to citizens. With local government reform municipalities are required to take on new tasks, and provide new services. This will only be possible if municipalities have cost-effective and appropriate structures and staff that are well qualified and highly motivated. The municipalities should plan in such a way so as to ensure that they can meet the needs of citizens effectively and efficiently.

A brief profile of the municipality is provided here below:

- ♦ **Chairman:** Sri Arjun Singh
- ♦ **Area of Operation:** 32.55 square kilometers
- ♦ **Number of Wards:** 35
- ♦ **Population:** 390,467 (2011-12)
- ♦ **Roads:** 1049.57 km
- ♦ **Sewage Line:** Coverage upto 30% of total household
- ♦ **Drain Line:** 232 km
- ♦ **Water Line:** 165.5 km
- ♦ **Number of Street Lights:** 7474



The municipality is entrusted with the responsibilities of providing the following civic services and infrastructural facilities to the citizens:

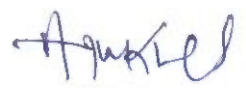
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• Solid Waste Management	• Markets
• Birth and Death Registration	• Storm Water
• Crematoria and burial ground	• Parks and
• Prevention of food adulteration	• Plantations
• Preventive Health Care and Health Care Services	• Town Planning
• Roads and its development	• Slum
• Widening & improvement to roads	• Education
• Street Lighting	• Water
• Bus Stands, Public Urinals	• Beautification
	• Auditoriums



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36. Estimate & Drawing

DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE					
Pradhan Mantri Awas Yojana Housing For All (Urban)					
Total Covered Area- 32.18 sq.m (With Electrical Works)					
Reference of Schedule of Rates : PWD (W.B.), Schedule of Rates Building & Sanitary w.e.f-01.07.2014 & Corrigenda (
Floor Area 25.37 sqm					
SL NO	Description of Works	Quantity	Unit	Rate	Amount (Rs.)
1	Earthwork in excavation in foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing spreading or stacking the spoils within a lead of 75 m as directed including trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water etc. as a) Depth of excavation not exceeding 1500mm .	13	%cu.m	12047	1566.11
	SOR, PWD, P-1, I -2 a				
2	Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete.(Payment to be made on the basis of measurement of a) With earth obtained from excavation of foundation.	11.12	%cu.m	7831	870.81
	SOR, PWD, P-1, T/3 a				
3	Supplying Laying Polithin Sheets etc. SOR, PWD, P-45, T -	22	sqm	25	550
4	Cement concrete with graded Stone ballast (40 mm.) excluding shuttering.a) In ground floor and foundation.6 : 3 : 1 proportion Pakur variety	3.5	cu.m.	5823	20380.5
	SOR, PWD, Page 24 ; Item -10 a				
5	25 mm. thick damp proof with cement concrete (4:2:1) (with graded stone aggregate 10 mm. Normal size) and painting the top surface with a coat of bitumen using 1.7 kg. per sq.m. including heating the bitumen and cost and	6.81	sqm,	297	2022.57
	SOR, PWD, P-45, T-12				
	Brick work with 1st class bricks in cement mortar (6:1)				
	a) In foundation and plinth.	10.43	cum	5719	59649.17
6	b) In super structure	15.24	cum	5943	90571.32
	SOR, PWD, P-29, T -22(a), (b)				
7	125mm thick brick work with 1st. class bricks in cement mortar (4:1). a) In ground floor	23.22	sq.m.	783	18181.26
	SOR, PWD, P-73, I -29				
8	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS	3.94	cu.m.	6851.66	26995.54
	(i) Pakur Variety				
	SOR, PWD, P-14, T -7(i)				
9	Reinforcements for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16G black annealed wire at every inter-section, complete as per drawing and				
	(a) For works in foundation, basement and upto roof of ground floor / upto 4m.	0.309	MT	60705.93	18775.74
	(i) Tor steel/Mild steel.				
	SOR, PWD, P-27, T -15(i)				
10	Hire and labour charges for shuttering with centreing and necessary staging upto 4 m. using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns, lintels curved or straight including fitting, fixing and striking out after completion of works. (upto roof of ground floor).				
	(When the height of a particular floor is more than 4 m. the equivalent floor ht. shall be taken as 4 m. and extra for works beyond the initial 4 m. ht. shall be allowed under 12(e) for every 4 m. or part thereof.)				
	SOR, PWD, P-66, T -12(a)				


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	25 mm. to 30 mm. thick wooden shuttering as per decision & direction of Engineer-in-charge. Ground Floor	37.063	M ²	360	13342.68
11	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course where A) With 6:1 cement mortar.	116.94	sq.m.	181	21166.14
	a) Inside wall 20 mm thick plaster				
	SOR, PWD, P-151, I-2 (i)(b)				
	b) Out side Wall, 15mm th.	111.95	sq.m.	156	17464.2
	SOR, PWD, P-151, I-2 (i)(c)				
12	B) 10mm th ceiling plaster (4:1)	23.33	sq.m.	140	3266.2
	SOR, PWD, P-151, I-2 (i)(c)				
	Neat cement punning about 1.5mm thick in wall, dado, window, sills, floor, drain etc.	26.7	sq.m.	38	1014.6
13	SOR, PWD, P-152, I-8				
	Artificial stone in floor, dado, staircase etc. with cement concrete (4:2:1) with stone chips laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (2:1) including smooth finishing and rounding off corners and including application of cement slurry before flooring works using cement @ 1.75 kg /sq.m. all complete	26.49	sq.m.	265	7019.85
	In ground floor.				
	3 mm. thick topping (High polishing grinding on this item is not permitted) with ordinary cement.				
	20mm thick				
14	SOR, PWD, P-40, I-3 (i)				
	Supplying, fitting & fixing MS clamp for fixing door and window frame made of flat bent bar, end bifurcated, fixed in cement concrete with stone chips (4:2:1) a fitted and fixed complete as per direction.	34	each	22	748
	40mm x 6mm x 125 mm length. (Cost of cement concrete will be paid separately)				
15	SOR, PWD, P-90, I-18 (c)				
	Wood work in door and window frame fitted and fixed complete including a protective coat of painting at the contact surface of the frame	0.213	cu.m.	46171	9834.42
	other Local wood				
16	SOR, PWD, P-85, T-1(i)				
	Panel Shutter of door & Window (each Panel Consisting Of single Plan without Join)	8.52	sq.m.	1567	13350.84
	25 mm thick shutter with 12 mm thick Panel of size 30 to 45 cm. Other Local wood				
17	SOR, PWD, P-105, I-84 (iv)c				
	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. a) 75mm x 47mm x 1.70mm	32	each	34	1088
18	SOR, PWD, P-91, T-20(iv)				
	Iron Socket Bolt of approved quality fitted and fixed	11	each	71	781
19	SOR, PWD P-93, I-25,c				
	White washing including cleaning and smoothening surface thoroughly (5 parts of stone lime and 1 part of shell lime should be used in the finishing coat).	124.96	%sq.m	1887	2358
	Two Coats				
20	SOR, PWD, P-155, I-3 (b)				
	Colour washing with ella with a coat of white wash priming including cleaning and smoothening surface thoroughly external surface One Coat	100.56	%sq.m	1514	1522.48
	SOR, PWD, P-155, I-4(ii)(a)				
21	Priming one coat on timber, plastered or on steel or other metal surface with synthetic enamel/oil bound primer of approved quality including smoothening surfaces by sand				
	1) On timber surface SOR, PWD, P-162, I-7(a)	21.69	sq.m.	41	889.29
	2) On Steel Surface SOR, PWD, P-162, I-7(b)	2.7	sq.m.	31	83.7


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22	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on With super gloss (hi-gloss)-With any shade except white.				
	a) On timber or plastered surface Two Coats	21.69	sq.m.	89	1930.41
	b) On Steel surface Two Coats	2.7	sq.m.	86	232.2
	SOR, PWD, P - 162, - 8A(ali),(bii)				
23	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm dia with center bolt and round fitting. 300 mm long	2	each	193	386
	SOR, PWD, P-93, I - 27c				
24	Precast piered concrete jally work as per design and manufacture's specification including moulding etc. with stone chips and necessary reinforcement shuttering complete including fitting, fixing in position in all floors.(a) Cement & steel required for this item will not be issued by	1.69	sq.m.	351	593.19
	SOR, PWD, P-32, I - 38 (b)				
25	Supplying, fitting and fixing UPVC down pipes A type and fittings conforming to IS 13592-1992 with necessary clamps nails including making holes in walls, etc. and cutting trenches in any soil, through masonry concrete structure etc. if necessary and mending good damages including jointing with jointing materials (Spun yarn, valamoid /				
	P-173, I-21 A (ii), C(ii), D(ii)				
	SOR, PWD, P173, I - 21 A (ii), C(ii), D(ii)				
	i) UPVC Pipe 110 mm dia	3	Mtr.	291	873
	ii) UPVC Bend 87.5 degree 110 mm dia	2	each	162	324
	iii) UPVC Shoe 110 mm	1	each	128	128
26	M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. Grill weighing 10 kg/sq m to 16 (2.70sqm @ 10.5kg per sqm = 28.35 kg)	0.284	Qntl	8247	2342.15
27	Shallow water closet Indian pattern(I.P.W.C.) of approved make in white vitreous chinaware supplied ,fitted and fixed in position (excluding cost of concrete for fixing).450 mm	1	each	1062	1062
	SOR, PWD, (Sanitary) P - 65, I - 1 (iii)				
28	Foot rest for water closet of size 275 mm X 125 mm with Artificial stone(4:2:1) with 6 mm stone chips and chequered including addn colour as necessary	1	Pair	70	70
	SOR, PWD, (Sanitary) P - 66, I - 9				
29	Supplying,fitting and fixing cast iron 'P' or 'S' trap conforming to I.S. 3989 / 1970 and 1729 / 1964 including lead caulked joints and painting two coats to the exposed S Trap 100 mm	1	each	923	923
	SOR, PWD, (Sanitary) P - 54, I - 14(B-iii)				
30	Supplying, fitting fixing CI Round Gratings 150mm dia.	1	Each	100	100
	SOR, PWD, (Sanitary) P - 55, I - 18(ii)				
	Construction of 2 circular leach pit of inside diameter 1000 mm. & a depth of 1000 mm. With a layer of 250 mm. Thick brick work with cement mortar (6:1) & honeycombed brick wall (4:1) at every alternate layer upto a height of 925 mm. From bottom and then 125 mm. thick brick wall (4:1) for a height of 300 mm. and covered with 75m. RCC slab (4:2:1) with 8mm tor steel @ 150 mm. centre to centre both ways including plastering and neat cement punning on top of the slab and making hooking arrangment on slab for lifting of the slab if require as well as jointing the connection with the inspection pit (450 x 450) covered with 50mm thick RCC slab (4:2:1) with stone chips and necessary reinforcement and connected with 100 mm dia PVC pipe laid over rammed earth and then covered the pipe properly with powder earth including supplying fitting fixing fibre glass pan P-tap &	1	Item	7544	7544
TOTAL AMOUNT				Rs.	350000
Say				Rs.	350000
Add for Electrical Works (ANNEXURE-I)				Rs.	17858
TOTAL AMOUNT				Rs.	367858
(Rupees Three lakh Sixty seven thousand Eight hundred & Fifty eight only)					


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Chief Engineer
 M E Directorate
 Deptt. of Municipal Affairs
 Govt. of West Bengal


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Cost Estimate for 2 Nos Leach Pit for single unit Dwelling Unit					
P W D Schedule of Rates effect from 1st July 2014					
(ANNEXURE-II)					
Sl No	Description of Items	Y	Unit	Rate	Amount
1	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches leveling dressing and ramming the bottom boiling out water as required complete. Depth of excavation not existing 1500mm P.No-1, I-2(a)	2.5	%Cu.M	12047	301.18
2	Cement concrete with graded jhama Khos ballast (30 mm size) excluding shuttering. In ground floor and foundation (a) 6:3:1 proportion.	0.05	Cu.M	5803.06	290.15
3	Brick work with 1st class bricks in cement mortar (6 : 1) a) In foundation & Plinth P.no-29, I-21(a)	0.01	Cu.M	5719	57.19
4	125 mm. thick brick work with 1st class bricks in cement mortar (4 : 1) G.Floor P.no-31, I-29	3	SqM	714	2,142.00
5	Controlled Cement concrete with well graded stone chips (20 - mm nominal size) excluding shuttering and reinforcement with complete design of concrete as per 1 : 456 and relevant special publications submission of job mix formula after preliminary mix design after testing of concrete cubes as per direction of Engineer-in charge Consumption of cement will not be less than 300 Kg of cement -with Super plasticiser per cubic meter of controlled concrete but actual consumption will be determined on- the basis of preliminary test and job mix formula. In ground floor and foundation. [Using concrete mixture] M 20 Grade P.no-12, I-6(a)	0.145	Cu.M	6871.54	996.37
6	Reinforcement for reinforced concrete work in all sorts of structures incl. Distribution bars, stirrups, binder etc. incl. supply of rods, initial straightening & removal of loose rust (if necessary), cutting to requisite length, hooking etc P.no-27, I-15(a)(i)	0.01	M.T	68508	685.08
7	Supplying, fitting and fixing UPVC down pipes A type and fittings conforming to IS 13592-1992 with necessary clamps nails including making holes in walls, etc. and cutting trenches in any soil, through masonry concrete structure etc. if necessary and mending good damages including jointing with jointing materials (Spun yarn, valanoid / bitumen / M. seal etc.) complete.				
	i) UPVC Pipe 110 mm dia P.no-173, I-21(A)(ii)	4	Mtr	291	1,164.00
	ii) UPVC Bend 87.5 degree 110 mm dia P.no-174, I-21(B)(ii)	2	Each	162	324
8	Jaffri brick work 125 mm. thick with 1st class bricks in cement mortar (4:1) including 12 mm. thick cement plaster (4:1) in all faces in ground floor. P.no-32, I-35	2	SqM	792	1,584.00
Cost of 2 no leach pit					7,543.97
Total					7,544.00


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ESTIMATE FOR ELECTRICAL WORKS FOR ONE DWELLING UNIT UNDER PMAY					
(ANNEXURE-D)					
Sl.No.	Item of works	Unit	Rate	Quantity	Amount
1	Supplying & fitting polythene pipe complete with fittings as necessary. Under ceiling, beam/board with 22SWG GI wire inclusive S & Drawing 1x18 SWG GI wire as fish wire inside the pipe & fittings and providing 55 mm dia disc of MS sheet (20SWG) having colour paint at one face first ended at the load point end of the polythene pipe with fish wire (synchronizing with roof/beam casting work of building construction) 19 mm dia 3 mm thick polythene pipe	RM	39	25	975
2	Powerckt wiring supplying and drawing 1 ; 1KV grade single core stranded FR PVC insulated & unseathed single core stranded Copper wire (Finolex make) 2 x 2.5 sqmm (PH & N) + 1x1.5 sqmm (ECC) per laid polythene pipe and by the prelaid GI fish wire & making necessary connections as required.	RM	76	50	3800
3	Concealed Distribution wiring in in 2x1.5 sqmm single core standard "FR" insulated and unseathed cop per wire Finolex make & 1x1.5 sq mm single core stranded PVC insulated and unseathed cop per (Finolex make) wire used as ECC in 19 mm bore 3 mm thk. polythene pipe complete with all accessories embedded in wall smooth run to light / fan/call bell point with pino key type switchb (6 Amps) (Anchor make) fixed on sheet metal (16 SWG) Switch Board with bakelite/ perspex (wall matching colour) Top cover (3 mm thick) flushed in wall including mending all good damages to original finish Average per point 6.00 mt.	points	828	10	8280
4	Distribution concealed wiring with 2x1.5 sq mm (PH & N) single core stranded FR PVC insulated & unseathed single core stranded 1.1 KV grade Copper Wire (finolex) & 1x1.5 sq mm (ECC) single core stranded (PH & N) 1.1 KV grade cu wire (finolex) & 1 x 1.5 sq mm single core stranded PVC insulated & unseathed cu wire (finolex) used as ECC in 19 mm bore, 3 mm thick polythene pipe complete with all accessories embedded in wall 250 volt 5 amp 3 pin plug point including S & F 250 Volt 5 amp 3 pin flush type plug socket & piano key type switch (Anchor make) on existing switch board as mentioned sl. no.3	points	76	2	152
5	Supplying & drawing 1.1 KV grade single core stranded FR PVC insulated & unseathed single core stranded cu Wire 3x2.5 sq mm (finolex make) in the prelaid polythene pipe & by the prelaid GI fishwire & making necessary connection as required (CESC supply to consumer DP near to CESC & inside the room another DP near CESC & inside the room another DP of dwelling units)	RM	86	15	1290
6	Supplying Delivery & instalation on wall of 30/32 amp DP MCB of Havel's make with enclosed box along with all its necessary 1 connection complete (Anchor)	nos	808	2	1616
7	Earthing in soft soil with 50 mm dia GI pipe (TATA make Medium) 3.64 mm th. X 3.04 Mtr long and 1 x 4 SWG GI (hot dip) wire (4 m long) 13 mm dia x 80 mm long GI bolts, double nuts, double washer including S & F 15 mm dia GI protection (1 mtr long) to be filled with biumen partly under the ground level & partly above GL driven to an average depth of 3.65 m below the GL & restoring surface duly rammed.	each	1715	1	1715
8	Connecting the equipment to earth BUSbar inclusive S&F 10 SWG (Hot Dip) GI wire on wall /floor with a staples buried inside wall /floor as required & making connection to equipments with bolt, nut, washer, cable lugs etc. as required & mending good damages.	M	6	5	30
TOTAL					17858
Rupees Seventeen Thousand Eight Hundred Fifty Eight Only					17858


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Detailed Estimate for Single Dwelling unit									
	C/L of main outer wall				125 mm Partition wall			Varandah C/L	
		4.65			3.375			1.275	
		0.8			1.15			0.9	
		1.15			1.15	2.3		2.175	
		3.45			2.187				
		1.15			1.9				
		1.7			1.387	5.474			
		3.375			11.149				
		1.275							
		2.825							
		3.125							
		23.5							
	X wall	1.25							
S.No.									
1	Earth work in excavation								
	250 mm wall								
	I	23.5	0.75	0.7	12.34				
		0.875	0.75	0.7	0.46				
		24.375			12.8	mu			
	125 mm Wall								
		2.625	0.4	0.225	0.24				
	WC	0.4	0.4	0.225	0.04				
	Bath	0.65	0.4	0.225	0.06				
	5.474	0.75		0.225					
		4.724	0.4	0.225	0.43				
	Varanda	1.425	0.4	0.225	0.13				
					0.88				
	Step	0.5	0.9	0.075	0.034				
					13.715	mu			
2	Soling								
		24.375	0.75		18.281				
		11.45	0.4		4.58				
					22.861				
3	Polythene sheet								
		2.575	3.125		8.047				
		2.875	2.625		7.547				
		2	1.65		3.3				
	passage	0.625	2.375		1.484				
	Bath&WC	2.7	0.9		2.43				
	Varandah	1.025	0.6		0.615				
	step	0.9	0.5		0.45				
					23.873				
4	Jhams concrete								
			18.28	0.075	1.371				
			4.58	0.075	0.344				
			23.93	0.075	1.795				
					3.51				
5	Earth work in filling 1/5 excavation								
			13.715	5	2.743				
			23.48	0.375	8.805				
					11.548	mu			


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6	B.W (6:1) in Foundation of plinth								
		23.5	0.625	14.6875					
		23.5	0.5	11.75					
		23.5	0.375	8.8125					
				35.25	0.15	5.288			
		23.5	0.25		0.525	3.084			
	X wall	0.938	0.625	0.586					
		1	0.5	0.5					
		1.063	0.375	0.399					
				1.485	0.15	0.223			
		1.125	0.25		0.525	0.148			
	125mm	3.125	0.25		0.525	0.41			
	Bath&WC	2	0.9	0.25	0.523	0.235			
	Kit	5.224	0.25		0.525	0.686			
	Vard	1.925	0.25		0.525	0.253			
	Steps	0.5	0.9		0.15	0.068			
		0.25	0.9		0.15	0.034			
						10.427	ms		
7	DPC	23.5							
		1.125							
		24.625		0.25		6.156			
		3.125							
		1.8							
		5.224							
		10.149		0.125		1.269			
						7.425			
	Less	0.9		0.25	0.225				
		0.9		0.125	0.113				
	3	0.75		0.125	0.281				
						0.619			
						6.806	sqm		
8	BW in super structure (6:1)								
		23.5							
		1.125							
		24.625	2.75	0.25	16.93				
	Parapet	23.8	0.075	0.25	0.446				
						17.376			
	Less opens								
	1	0.9	2.1	1.89					
	4	0.9	0.9	3.24					
	1	0.75	0.9	0.675					
	3	0.75	0.75	1.688					
				7.493	0.25	1.873			
	Lintel								
	1	1.525	1.525						
	4	1.2	4.8						
	1	1.05	1.05						
			7.375	0.25	0.1	0.184			
	Wo2								
	1	3.88	3.05	0.25	0.1	0.076			
					(-)	2.134			
	Net brick work					15.342	ms		


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9	125 th. Brick work (6.1)							
	room		3.125	2.6	8.125			
	kit		2.125	2.75	5.844			
			1.65	2.75	4.5375			
			1.45	2.65	3.8425			
	2		0.9	2.1	3.78			
						26.12875		
	Less opening							
	1	0.9	0.9					
	3	0.75	2.25					
			3.15	2.1	6.615			
	Lintel							
	1	1.3	1.3					
	1	1.025	1.025					
			2.325	0.1	0.2325			
					6.8475			
						19.28125		
	Parapet							
		23.5		0.15		3.525		
						22.806		
	passeege	0.75		0.55		0.4125		
						23.219	sqm	
10	Conc M-20							
	Roof slab							
	32.15	1.1475	31.003		0.1	3.1		
	Beam		3.625	0.25	0.15	0.136		
			2.575	0.25	0.1	0.064		
	Lintel						3.301	
	D1	1	1.525	1.525				
	W1	4	1.2	4.8				
	W2	1	1.05	1.05				
	W02	1	3.05	3.05				
				10.425	0.25	0.1	0.261	
	D1	1	1.39	1.39				
	D2	1	1.025	1.025				
	D2	2	1.4	2.8				
	O2	1	0.875	0.875				
	D2	2		6.09	0.125	0.1	0.076	
	Chaja							
	W1	4	1.2	4.8				
	W2	1	1.03	1.03				
	D1	1	1.275	1.275				
	W02	1	3.05	3.05				
				10.155	0.3	0.075	0.228	
						3.866	mu	
11	Reinforcement							
		3.866	0.80%	1	7850	0.243	MT	
12	Shuttering							
	31	23.5	1.125					
			24.63	0.25				
	31			6.156	24.844			
	Side beam	2	3.125	0.15	0.9375			
		2	2.325	0.1	0.465			
	side slab	1	25.3	0.1	2.53			
	Lintel	1	0.9	0.25	0.225			
		1	1.525	0.1	0.153			
		1	1.275	0.35	0.446			
		1	0.3	0.05	0.015			
						29.615	sqm	
	4W1	4	0.9	0.25	0.9			


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		4	1.2	0.1	0.48				
		4	1.2	0.35	1.68				
	2	4	0.3	0.05	0.12				
	1W2	1	0.75	0.25	0.188				
		1	1.05	0.1	0.105				
		1	1.05	0.35	0.368				
	2	1	0.3	0.05	0.03				
	WC2	3	0.75	0.25	0.563				
	1	1	3.05	0.1	0.305				
		1	3.05	0.35	1.068				
	2	1	0.3	0.05	0.03				
	Lintel 125 Wall								
	D1	1	0.9	0.125	0.113				
		2	1.3	0.1	0.26				
	D2	2	0.75	0.125	0.188				
	2	2	1.15	0.1	0.46				
	D2	2	0.75	0.125	0.188				
		2	1.9	0.1	0.38				
						7.423			
						37.038	sqm		
13	Plaster (6:1)								
	Out side 15 mm th.								
			2.85	1.125	0.45				
		25.3			4.425	111.953	sqm		
	Inside 20 mm th.								
	2	2.7	3.125	2.75	32.038				
	2	2.875	2.625	2.75	30.25				
	2	2	1.65	2.75	20.075				
	2	2.075		2.75	11.413				
	Above lintel								
	1	0.75		0.65	0.488				
	Bath								
	2	0.9		2.75	4.95				
	WC								
	1	2.95		2.75	8.113				
	1	2.25		2.75	6.188				
	4	2.2		0.9	7.92				
	T. 125 wall								
	2	0.9		0.125	0.225				
						121.658			
	Open out side less								
	3	0.75		2.1	4.725				
					(-)	4.725			
						116.933	sqm		
	Ceiling Plaster				24.47				
	Less				1.14				
						23.33	Sqm		
14	Neat cement punning								
	Out side	Plinth							
		25.3	0.45			11.385	Sqm	11.385	
	Inside		2.7	3.125					
		2		5.825	0.1	1.165	Sqm		
			2.875	2.625					
		2		5.5	0.1	1.1	Sqm		
	Kitchen		2	1.65					
		2		3.65	0.45	3.285	Sqm		
		1		1.65	0.45	0.743	Sqm		
		2		2.075	0.1	0.415	Sqm		
	Varanda			1.775	0.1	0.178	Sqm		
	step WC	1		3	0.45	1.35	Sqm		
	Bath			3.5	2	7	Sqm		
				0.75	0.1	0.075	Sqm		
	In side punning					15.31		15.31	
	Total							26.695	Sqm


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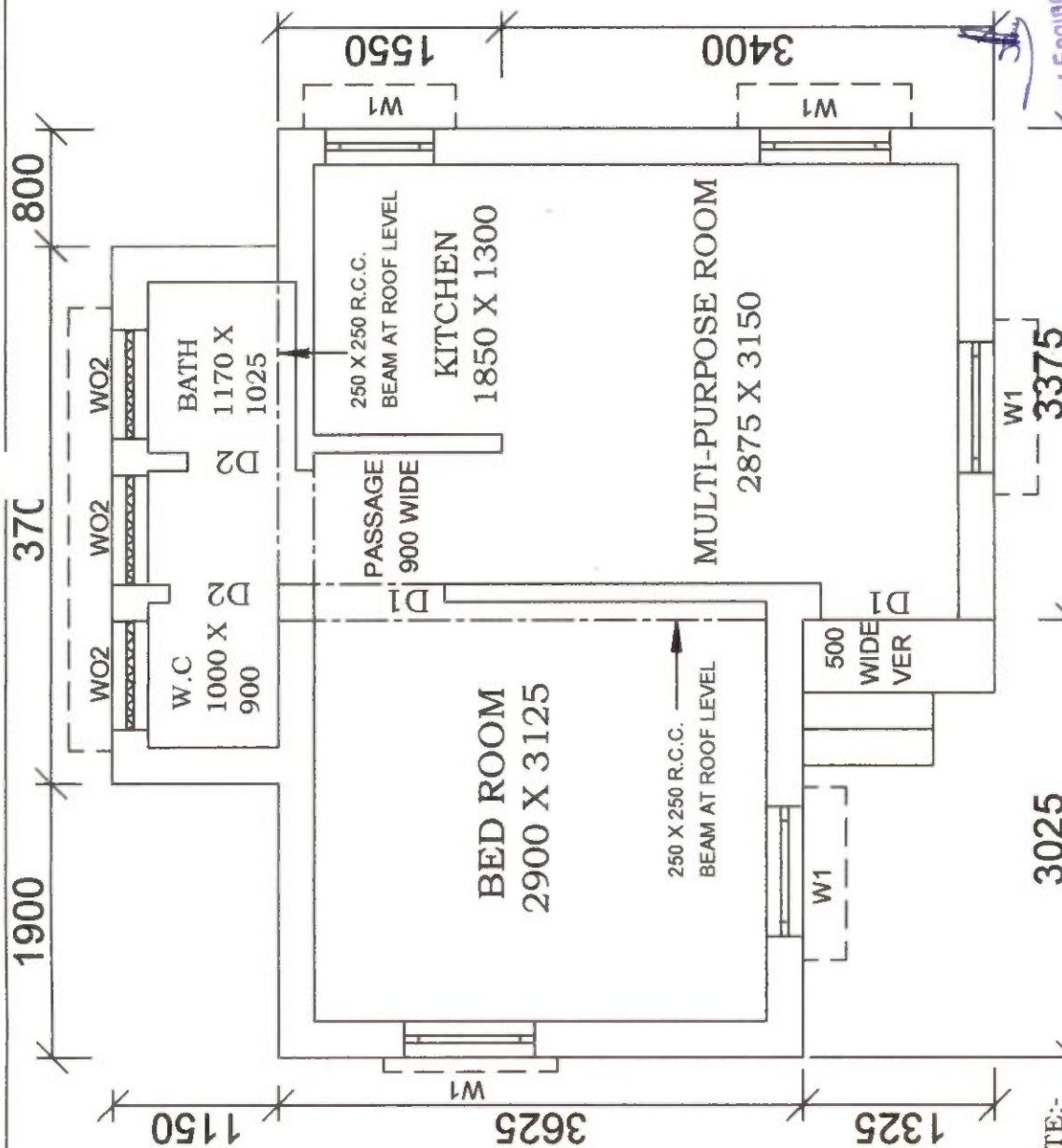
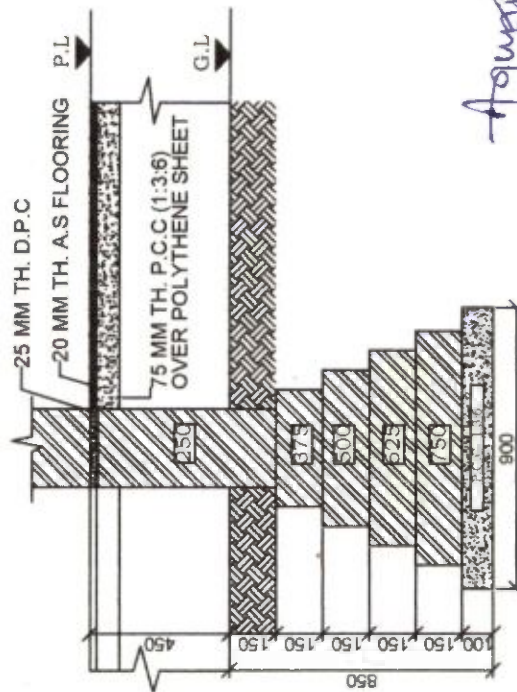
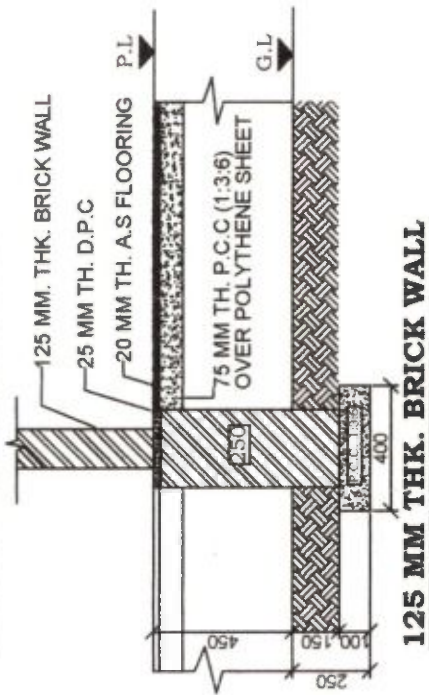
15	Art. Stone flooring							
	Floor area					25.37	sqm	
	Step	2	0.9	0.25		0.45		
	W1	4	0.9	0.1		0.36		
	W2	1	0.75	0.1		0.075		
	W3	3	0.75	0.1		0.225		
						26.48	Sqm	
16	Ms Clamp for door & window							
	D1+D2	4	6			24		
	W1+W2	5	2			10		
						34	nos.	
17	Wood work in Door & window frame							
	D1	2	5.1	10.2				
	D2	2	4.95	9.9				
	W1	4	3.6	14.4				
	W2	1	3.3	3.3				
				37.8	0.075	0.075	0.213	mu
18	Z batten shutter							
	D1	2	0.775	2.025		3.139		
	D2	2	0.625	2.025		2.531		
	W1	4	0.775	0.775		2.403		
	W2	1	0.775	0.625		0.484		
						8.557	sqm	
19	Iron Butt Hinges							
	D1+D2					12		
	W1	4	4			16		
	W2	1	4			4		
						32	nos.	
20	Iron socket bolt							
	Door			6				
	Window			5				
						11	nos.	
21	White wash							
	Inside+Ceiling Plaster- inside punning							
			116.933	23.33	15.31		124.953	sqm
22	Colour wash							
	Out side Plaster- out side punning							
			111.953	11.385			100.568	sqm
23	Priming on timber surface							
	2	2	0.9	2.1		7.56		
	2	2	0.75	2.1		6.3		
	4	2	0.9	0.9		6.48		
	1	2	0.75	0.9		1.35		
						21.69	sqm	
24	Painting best quality on wooden surface							
	same sl.no. 23						21.69	sqm
25	M5 ornamental gril ...10kg-16 kg							
	W1	4	0.75	0.75	2.25			
	W2	1	0.75	0.6	0.45			
					2.7			
					@12kg/sqm	32.4	Kg	
26	Priming on Steel surface						2.7	sqm
27	Painting best quality on steel surface						2.7	sqm
	same sl.no. 24							
28	R.C.C. Shelf							
		1.75	0.5				0.875	sqm
29	Roof treatment with cow dang							
				32.18				
	Deduct	1.14	(varanda)	1.14				
	Cornice	25	0.125	3.125				
				27.915			27.915	sqm


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FOUNDATION DETAILS



NOTE:-

1. ALL WINDOW OPENINGS (W1&W2) WILL BE PROVIDED WITH Z-BATTEN SHUTTERS.
2. ALL DOORS (D1&D2) - 25TH Z-BATTEN SHUTTERS, SINGLE LEAF.
3. W02 - OPENING PROVIDED WITH R.C.C. JALLI.
4. PLINTH HEIGHT - 450 TH.
5. CEILING HEIGHT - 2750 TH.
6. MAIN WALL - 250 TH.
7. PARTITION WALL - 125 TH.
8. ROOF SLAB, BEAM, LINTEL, ETC. WITH REINFORCED CEMENT CONCRETE M20 GRADE.
9. FLOOR OF VERANDAH, WC, BATH, & KITCHEN ROOM TO BE KEPT 15 MM BELOW THE FLOOR LEVEL OF ROOM & PASSAGE.
10. 100 MM TH. PIECE LINTEL OVER OPENING HAVE BEEN PROVIDED.
11. ALL DIMENSION ARE IN MM.

DOORS & WINDOWS SCHEDULE		
MARKING	DIMENSION	
W1	900 X 900	
W2	750 X 900	
W02	750 X 750	
D1	900 X 2100	
D2	750 X 2100	

FLOOR AREA - 25.77 SQM.

BUILT UP AREA - 32.38 SQM.

Chief Engineer
M E Directorate
Deptt. of Municipal Affairs
Govt. of West Bengal

Engineer

Bhatpara Municipality

Chairman
Bhatpara Municipality

PRADHAN MANTRI AWAS YOJANA

HOUSING FOR ALL (URBAN)

OFFICE OF THE CHIEF ENGINEER

MUNICIPAL ENGINEERING DIRECTORATE

GOVT. OF WEST BENGAL

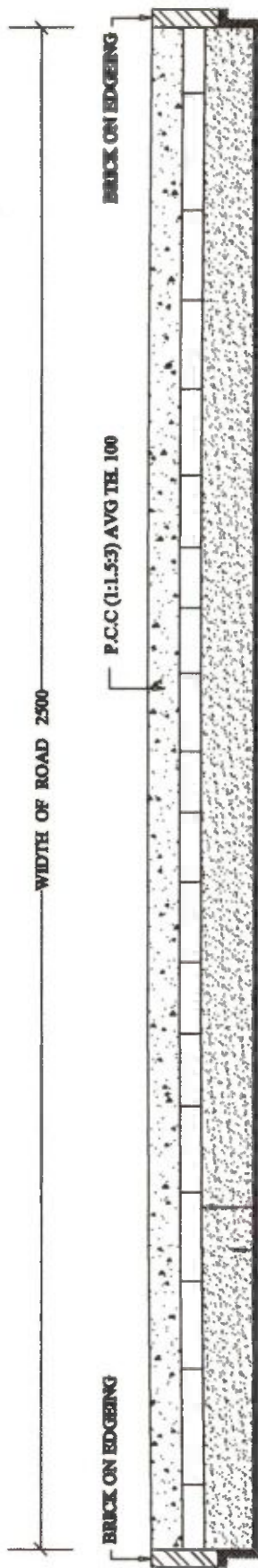
DWG. NO.

SCALE :- 1:50 & 1:25

ESTIMATE OF CEMENT CONCRETE ROAD UNDER PMAY					
(UNIT LENGTH AND WIDTH 2.5m)					
Sl.No.	Description of Item	Quantity	Unit	Rate	Amount
1	Surface Dressing of the ground in any kind of soil including removing vegetation inequalities not	2.5	m ²	11	27.5
pg.-1,1-1	exceeding 15 cm depth and disposal of the rubbish within a lead upto 75 m as directed.				
2	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom,	0.312	%m ³	12047	37.59
pg.-1,1-2	bailing out water as required complete. (a) Depth of excavation not exceeding 1,500 mm.				
3	Single Brick Flat Soling of picked Jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	2.5	m ²	377	942.5
pg.-11,1-1					
4	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with	0.2	m ²	225	45
pg.-26,1-12(f)	required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor)				
	(f) 25 mm to 30 mm shuttering without staging in foundation				
5	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes. a) Pakur Variety	0.25	m ³	6111.98	1527.99
pg.-11,1-5					
6	Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work)	0.312	%m ³	7831	24.43
3(a)	(a) With earth obtained from excavation of				
	foundation.				
TOTAL					2605.01


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NOTE : 1. CEMENT CONCRETE SHOULD BE LAID IN ALTERNATE PANNEL OF AN AREA NOT MORE THAN 7.50 SQM. PROVISION FOR PAPER JOINT AT THE END OF EACH PANNEL IS TO BE MADE
2. ALL DIMENSIONS ARE IN MM.

TYPICAL CROSS SECTION OF CEMENT CONCRETE ROAD

PRADHAN MANTRI AWAS YOJANA HOUSING FOR ALL (URBAN)
OFFICE OF THE CHIEF ENGINEER MUNICIPAL ENGINEERING DIRECTORATE GOVT. OF WEST BENGAL
Drawn No.

[Signature]
Engineer
Bhatpara Municipality

[Signature]
Chairman
Bhatpara Municipality

Abstract of Estimated Cost for Drain section of 400mmx400mm under Bhatpara Municipality.										
P.O.-Bhatpara Dist.- 24 Parganas (North)										
All rates are taken from P.W.D. Schedule 2014 Effective from 1st June 2014. and 7th Corrigenda effect from 11.08.2015										
Length= 1.0 Mtr.										
Sl No	Description of Items					Quantity	Unit	Rate	Amount	
1	Earth work in excavation of foundation trenches or drains. In all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing. Spreading or stacking the spills within a lead of 75m. As directed. The item includes necessary trimming the sides of trenches, leveling dressing and ramming the bottom complete					0.65	%Cum	12047	78.31	
	a) Depth of excavation not exceeding 1500mm.									
	Page-1, Item-2.									
	1	1	1	0.65	0.65					
			Total-	0.65						
2	(A) Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity).					0.1	% Cum	68771	68.77	
	Page-2, Item-4.									
	1	1	1	0.1	0.1					
			Total-	0.1						
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. Page-11, Item-1.					1	Sq.M	343	343	
	1	1	1		1					
			Total-		1					
4	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, as per relevant IS codes.					0.08	Cum.	6071.82	485.75	
	A) Pakur Variety. Page-11, Item-5.a									
	a) Ground floor.									
	1	1	1	0.075	0.08					
			Total-	0.08						
5	Brick work with 1st class bricks in cement mortar (4:1) (a) In foundation and plinth Page-29, Item No.-21.a					0.15	Cum.	5623	843.45	
	1	1	0.25	0.4	0.1					
	1	1	0.25	0.2	0.05					
			Total-		0.15					
6	Earth work in filling in foundation trenches or plinth with good earth. In layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (Payment to be made on basis of measurement of finished quantity of work).					0.65	% Cum.	7831	50.90	
	(a) With earth obtained from excavation of foundation.									
	Page-1, Item No.-3.a									
	1	0.65			0.65					
			Total-	0.65						
7	125mm. Thick brick work with 1st class bricks in cement mortar (4:1)					0.2	Sq.M	728	145.60	
	a) in ground floor. Page-31, Item No.-29.									
	1	1		0.2	0.2					
			Total-		0.2					
8	Hire and Labour Charges for shuttering with hard wood for precast R.C. Slab curved, or stright and striking out the same including fitting, fixing the precast slab in position with necessary carriage and haulage, hosting etc, complete in all respect.					0.15	Sq.M	99	14.85	
	(only the area in contact with concrete to be measured.)									
	Page-27, Item No.-14									
	0.667	0.775	0.125	2	0.13					
	0.667	0.125	0.125	2	0.02					
			Total-		0.15					
9	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes.					0.01	Cum.	6811.63	68.12	
	(i) Pakur Variety									
	In ground floor. Page-14, Item No.-7									
	0.667	0.775	0.125	0.125	0.01					
			Total-		0.01					


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10	Reinforcement for reinforced concrete work in the all sorts of structures including distribution bars. Stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and binding with 16 gauge black annealed wire at every intersection complete as per drawing and direction.					0.0063	Qmtl	6178.7	37.07
	a)For works in foundation Basement and up to roof of ground floor/upto 4m								
	i)For steel/Mild steel Page-27, Item No.-15.a.1 & b.i.								
	Considering @ 1.0% =78.5kg/M3	1	0.008	0.785	0.0063				
11	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface]					1.58	Sq.M	171	270.18
	(ii) with 1:4 cement mortar								
	Page-151, Item-2.ii.c & Page-152, Item-5.a								
	1	1	1.575		1.58				
			Total-		1.58				
12	Nest cement punning about 1.5mm thick in wall,dado,window sill,floor etc. Page-152, Item-8.					1.58	Sq.M	38	60.04
	NOTE:Cement 0.152 cu.m per100 sq.m.								
	1	1	1.575		1.58				
			Total-		1.58				
Total								2466.03	
Add Contingency @ 3%								73.98	
Grand Total								2540.01	
Rate /Mtr Length								2540	

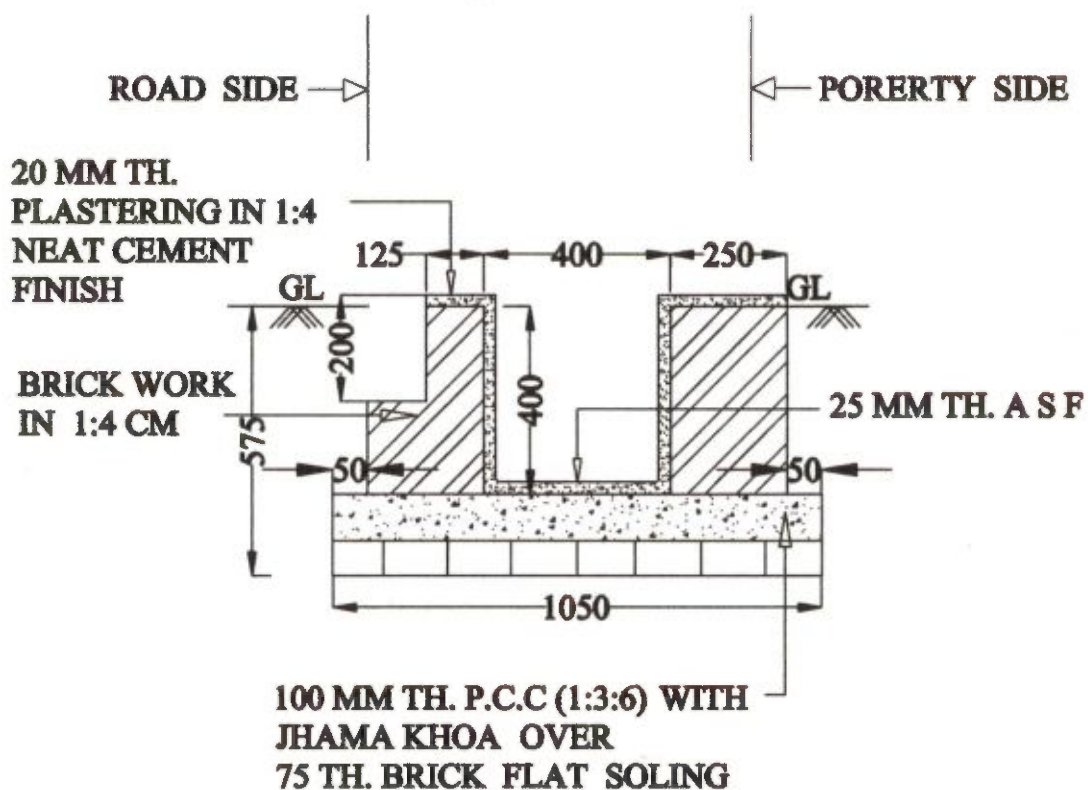

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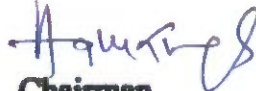
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CROSS SECTION OF DRAIN (400 x 400) (SCALE - 1:50)




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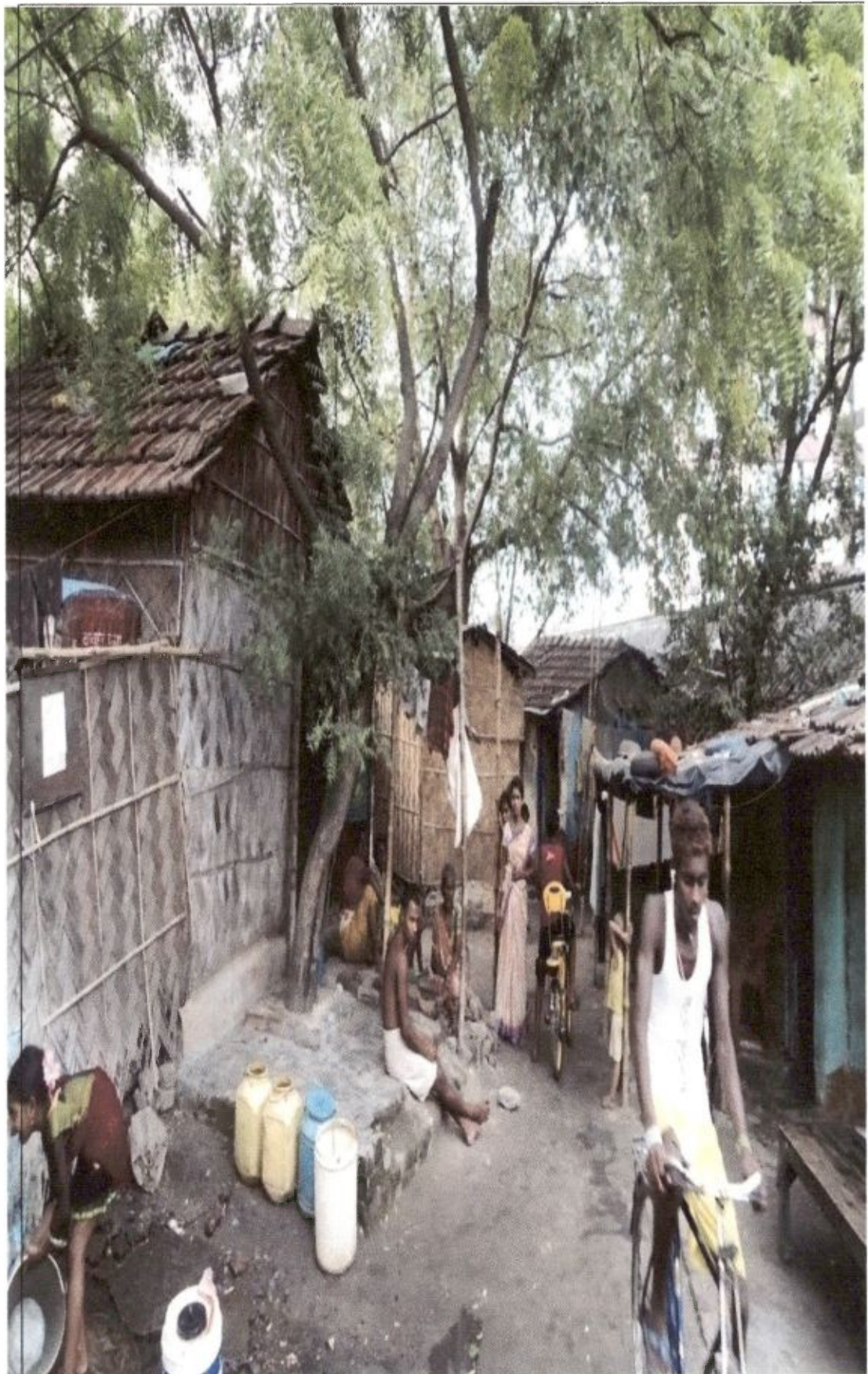
37. Slum Photo and Map




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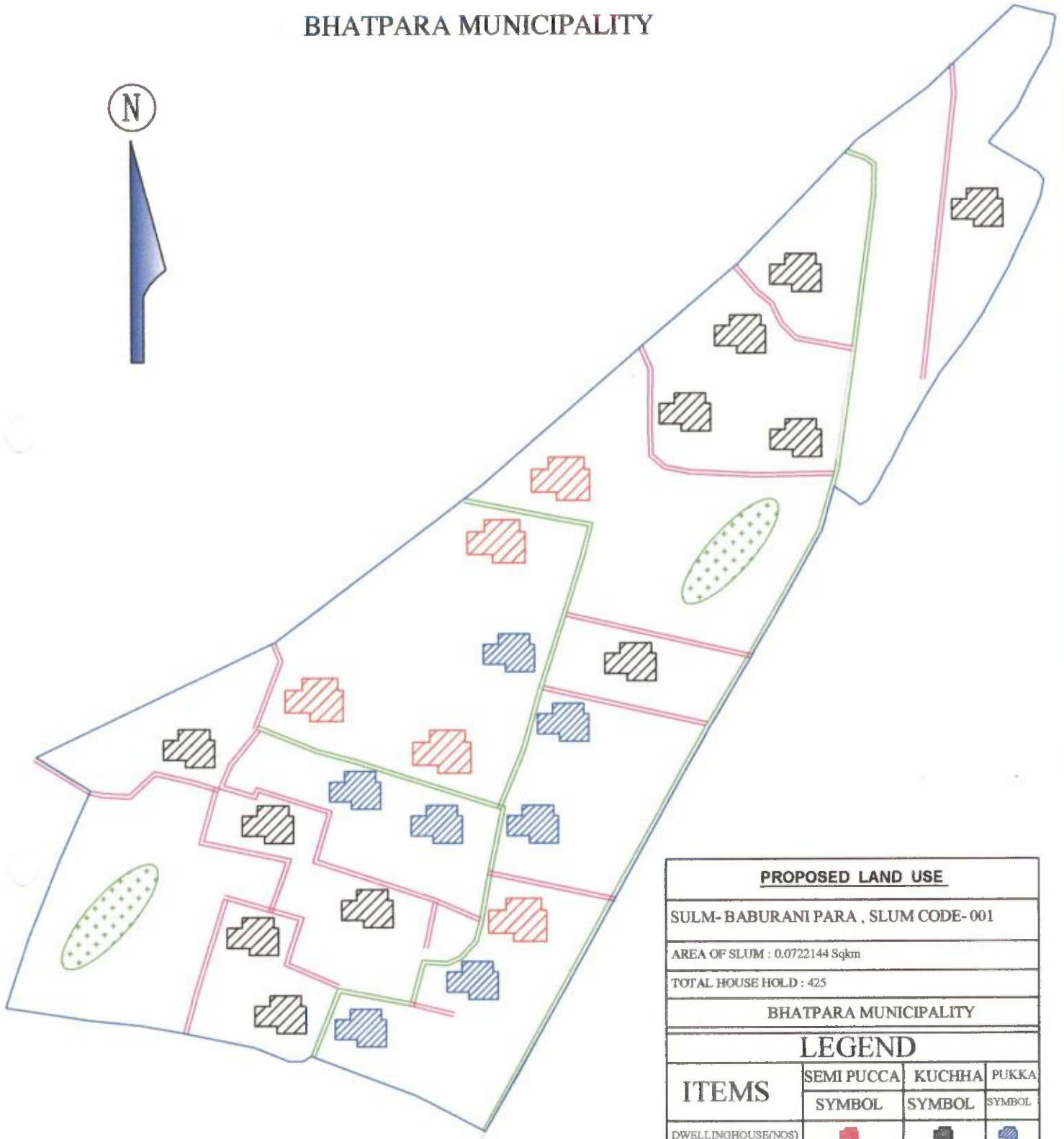

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N



0 m 50 m 100 m 150 m

PROPOSED LAND USE

SULM- BABURANI PARA , SLUM CODE- 001

AREA OF SLUM : 0.0722144 Sqkm

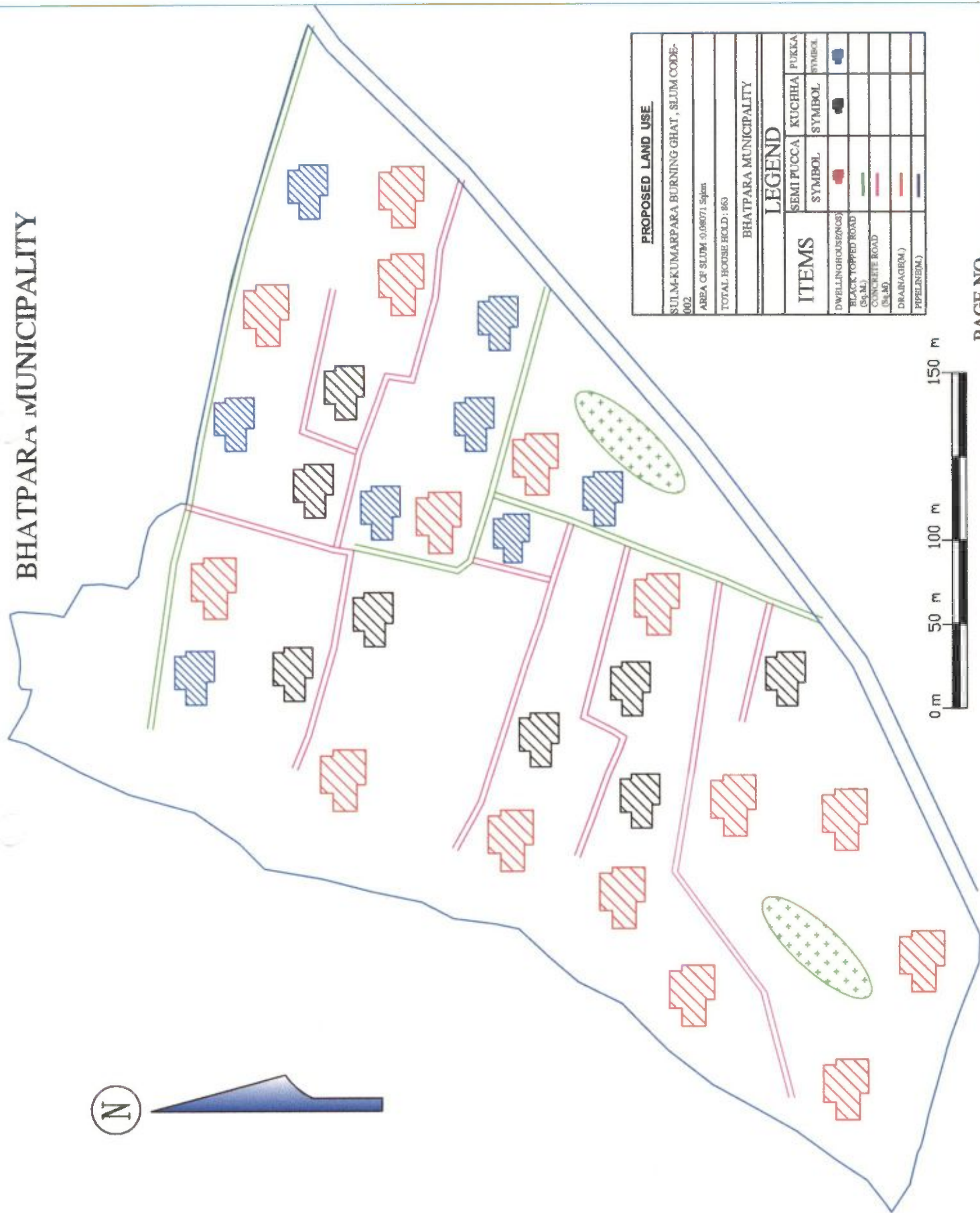
TOTAL HOUSE HOLD : 425

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LEGEND

ITEMS	SEMI PUCCA	KUCHHA	PUCCA
	SYMBOL	SYMBOL	SYMBOL
DWELLINGHOUSE(NOS)			
BLACK TOPPED ROAD (Sq.M)			
CONCRETE ROAD (Sq.M)			
DRAINAGE(M)			
PIPELINE(M)			

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PROPOSED LAND USE			
SULM-KUMARPARA BURNING GHAT, SLUM CODE-002			
AREA OF SLUM 0.08071 Sqkm			
TOTAL HOUSE HOLD: 863			
BHATPARA MUNICIPALITY			
LEGEND			
ITEMS	SEMI Pukka	KUCHHA	Pukka
	SYMBOL	SYMBOL	SYMBOL
DWELLINGHOUSES			
BLACK TOPPED ROAD			
GRAVEL ROAD			
CONCRETE ROAD			
DRAINAGE (S.S.)			
PIPELINE (S.S.)			



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PROPOSED LAND USE








SULM-AMBAGAN , SLUM CODE- 005

AREA OF SLUM :0.311099 Sqkm

TOTAL HOUSE HOLD : 1085

BHATPARA MUNICIPALITY

LEGEND

ITEMS	SEMI PUCCA	KUCHHA	PUKKA
	SYMBOL	SYMBOL	SYMBOL
DWELLINGHOUSE(NOS)			
BLACK TOPPED ROAD (Sq.M)			
CONCRETE ROAD (Sq.M)			
DRAINAGE(M)			
PIPELINE(M)			



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PROPOSED LAND USE

SULM- PADMA PUKUR ROAD, SLUM CODE- 005

AREA OF SLUM : 0.266555 Hectar

TOTAL HOUSEHOLD : 1616

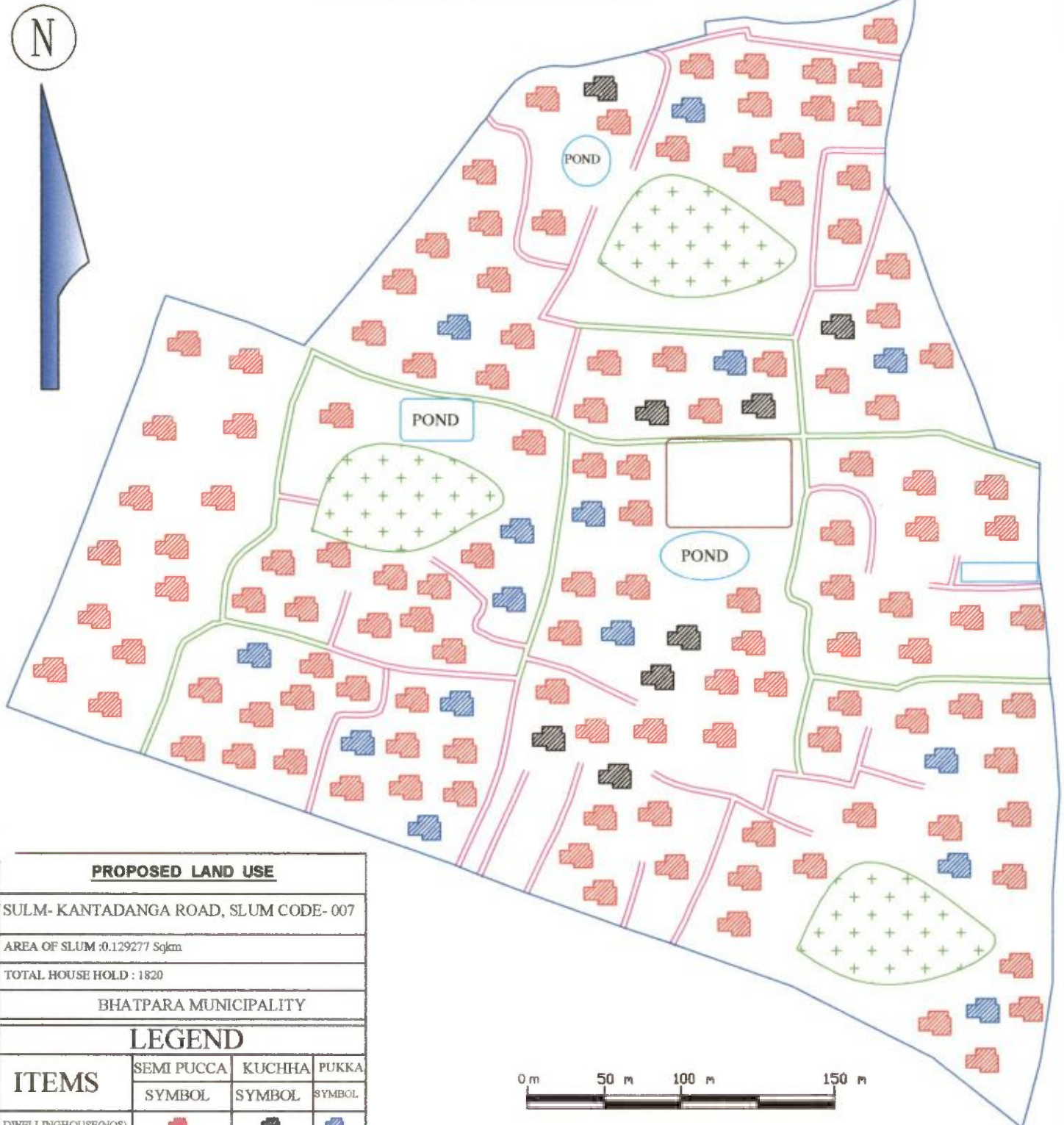
BHATPARA MUNICIPALITY**LEGEND**

ITEMS	SEMI PUCHA		KUCHHA		PUCCA	
	SYMBOL		SYMBOL		SYMBOL	
DWELLINGHOUSE(ROS)						
BLACK TOPPED ROAD						
(Sq.M)						
CONCRETE ROAD						
(Sq.M)						
DRAINAGE(M)						
PIPELINE(M)						

PAGE NO.



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**PROPOSED LAND USE**

SULM- KANTADANGA ROAD, SLUM CODE- 007

AREA OF SLUM :0.129277 Sqkm

TOTAL HOUSE HOLD : 1820

BHATPARA MUNICIPALITY

LEGEND

ITEMS	SEMI PUCCA	KUCHHA	PUKKA
	SYMBOL	SYMBOL	SYMBOL
DWELLINGHOUSE(NOS)			
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD (Sq.M.)			
DRAINAGE(M.)			
PIPELINE(M.)			

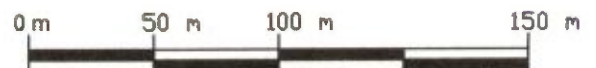
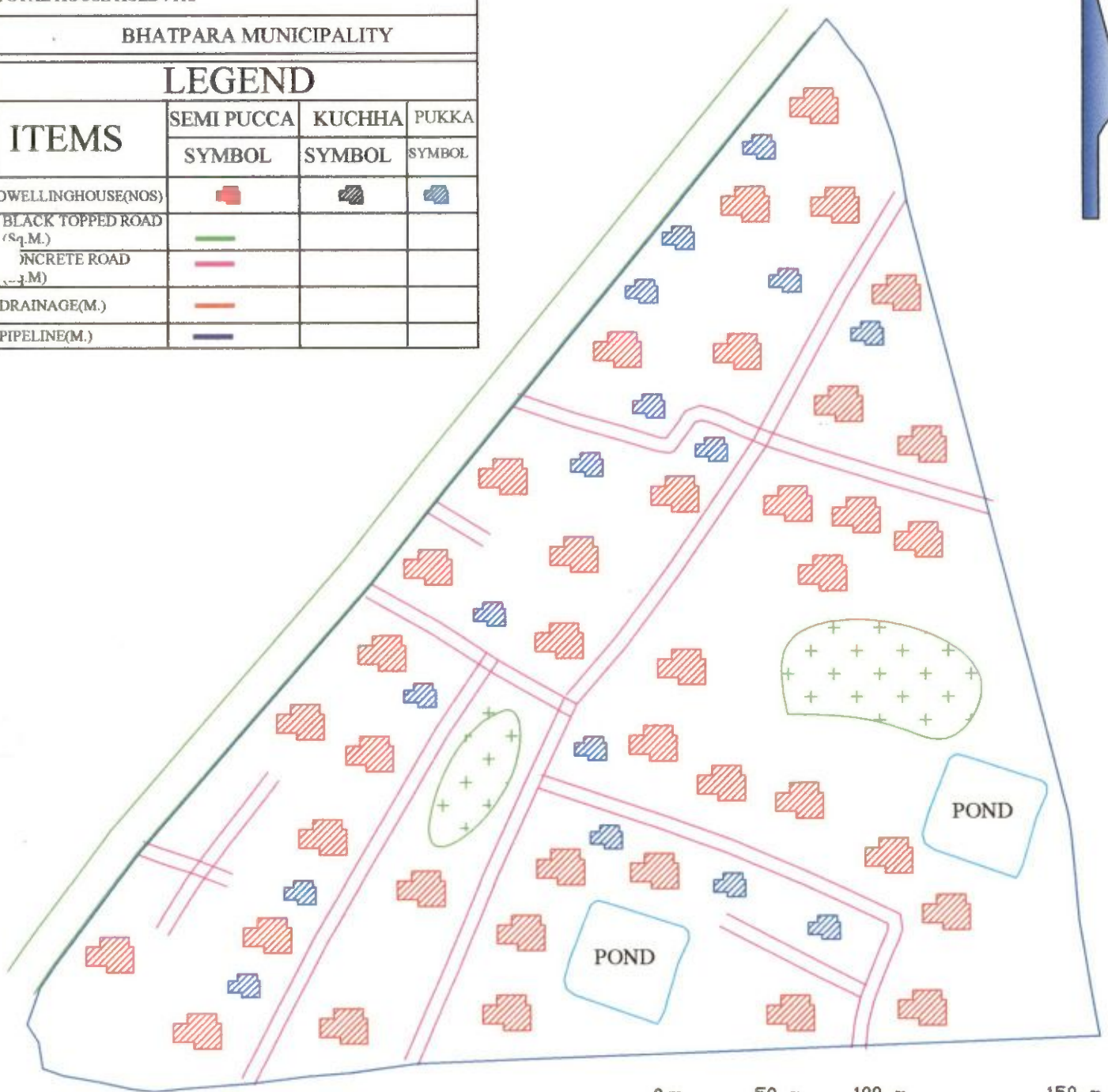
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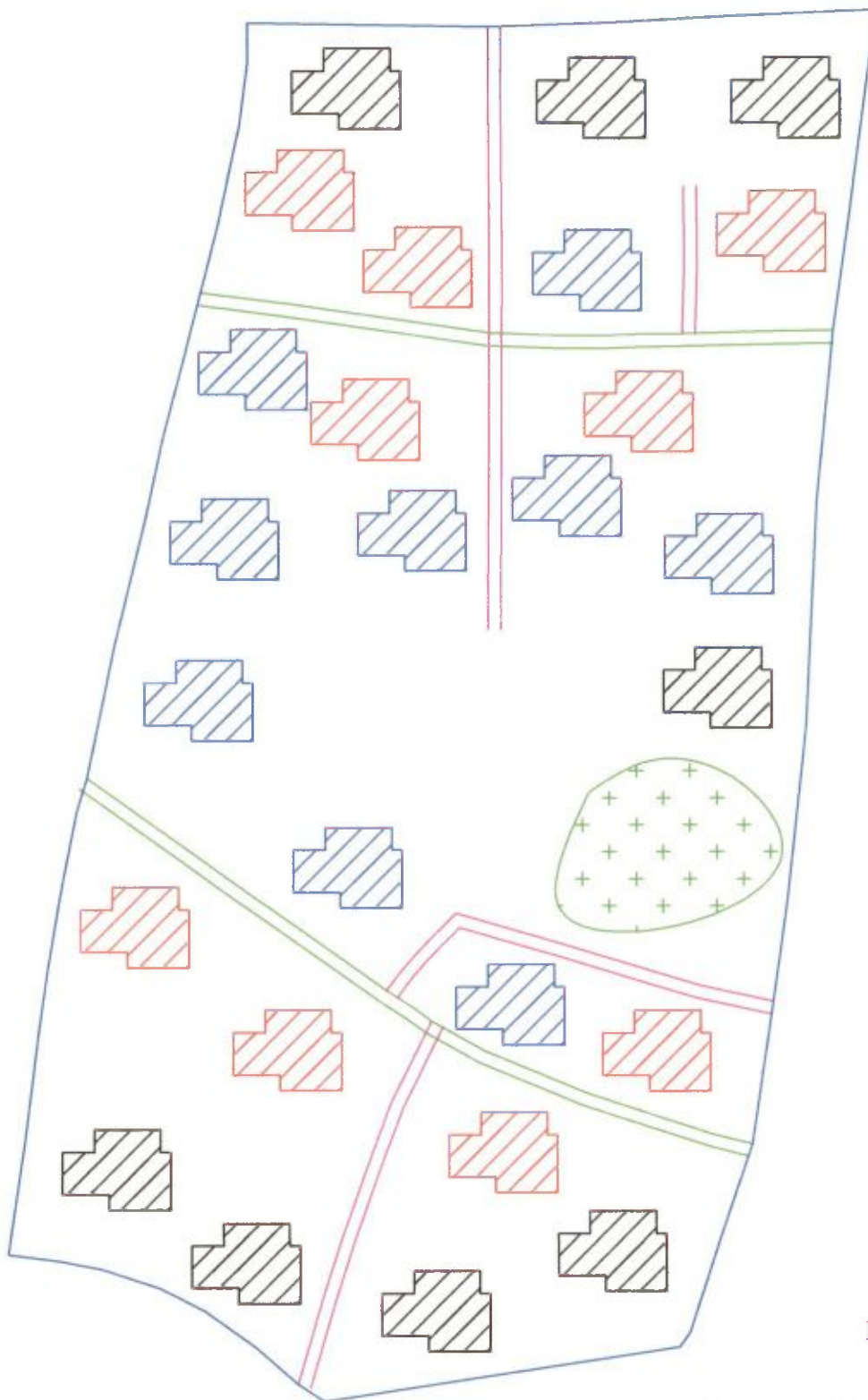
PROPOSED LAND USE			
SULM- SUNDIYA PARA(S.C.-018), SLUM CODE- 018			
AREA OF SLUM :0.0 Sqkm			
TOTAL HOUSE HOLD : 112			
BHATPARA MUNICIPALITY			
LEGEND			
ITEMS	SEMI PUCCA	KUCHHA	PUKKA
	SYMBOL	SYMBOL	SYMBOL
DWELLINGHOUSE(NOS)			
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD (Sq.M.)			
DRAINAGE(M.)			
PIPELINE(M.)			



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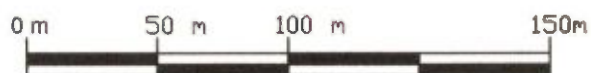

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PROPOSED LAND USE			
SULM- B.L. -10 , SLUM CODE- 22			
AREA OF SLUM : 0.0183961 Sqkm			
TOTAL HOUSE HOLD : 759			
BHATPARA MUNICIPALITY			
LEGEND			
ITEMS	SEMI PUCCA SYMBOL	KUCHHA SYMBOL	PUKKA SYMBOL
DWELLINGHOUSE(NOS)			
BLACK TOPPED ROAD (Sq.M)			
CONCRETE ROAD (Sq.M)			
DRAINAGE(M)			
PIPELINE(M)			

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PROPOSED LAND USE			
SULM- B.L. NO-09, SLUM CODE- 48			
AREA OF SLUM : 0.021687 Sqkm			
TOTAL HOUSE HOLD :221			
BHATPARA MUNICIPALITY			
LEGEND			
ITEMS	SEMI PUCCA		PUKKA
	SYMBOL	SYMBOL	SYMBOL
DWELLINGHOUSE(S)			
BLACK TOPPED ROAD (Sqm.)			
CONCRETE ROAD (Sqm.)			
DRAINAGE(L)			
PIPELINE(M)			


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N

0 m 50 m 100 m 150 m

Aquar
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PROPOSED LAND USE

SULM- NETAJI NAGAR COLONY , SLUM CODE- 64

AREA OF SLUM : 0.037647 Sqkm

TOTAL HOUSE HOLD : 775

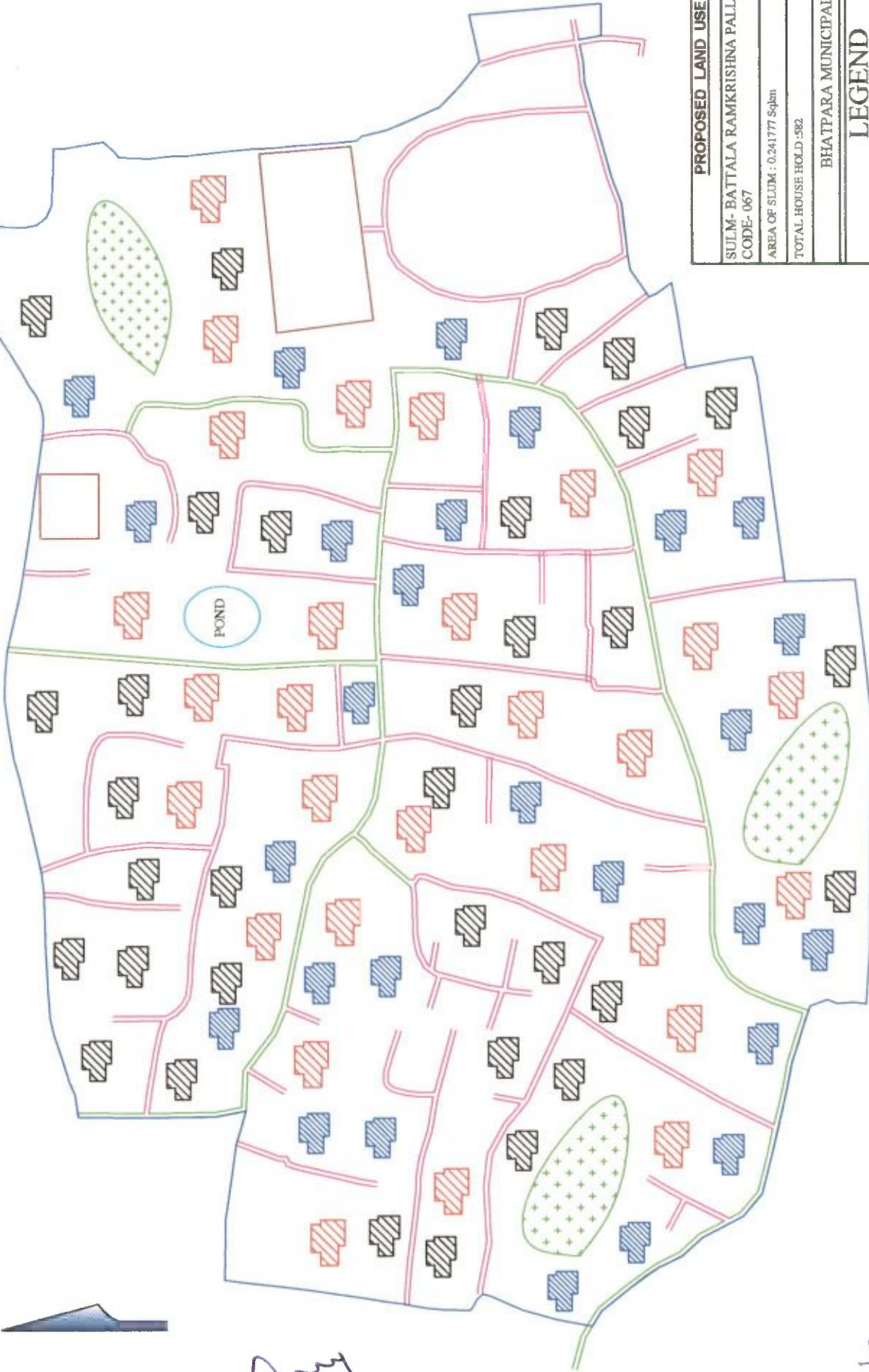
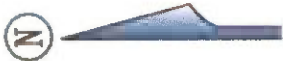
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LEGEND

ITEMS	SEMI PUCCA	KUCHHA	PUKKA
	SYMBOL	SYMBOL	SYMBOL
DWELLINGHOUSE(NOS)			
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD (Sq.M)			
DRAINAGE(M.)			
PIPELINE(M.)			

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PROPOSED LAND USE

SULM- BATTALA RAMKRISHNA PALLY, SLUM
CODE- 067

AREA OF SLUM : 0.241777 Sqkm

TOTAL HOUSE HOLD :582

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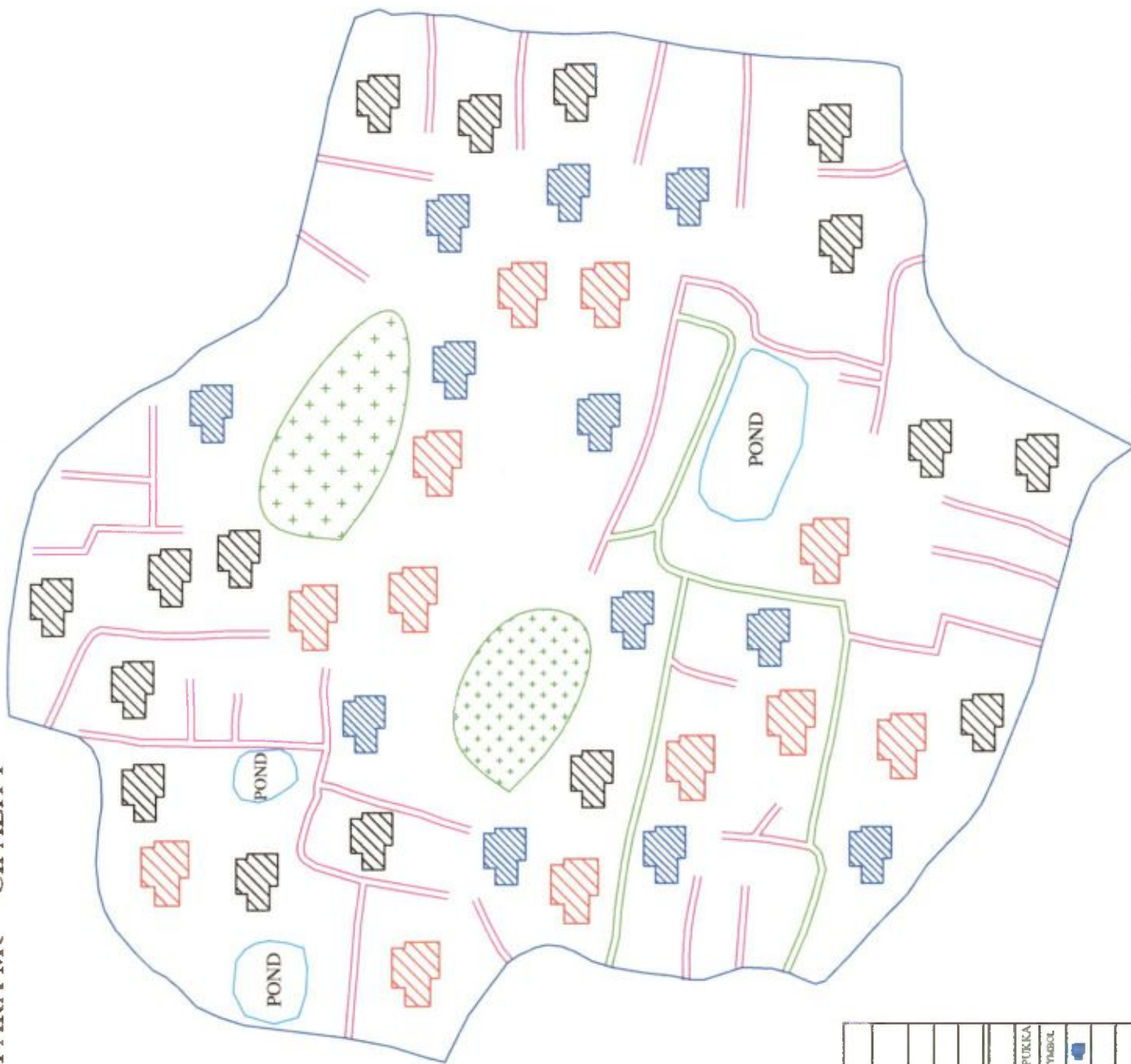
LEGEND

ITEMS	SEMI PUCCA		KUCHHA		PUCCA	
	SYMBOL		SYMBOL		SYMBOL	
DWELLINGHOUSE(NCH)						
BLACK TOPPED ROAD (Sq.M)						
CONCRETE ROAD (Sq.M)						
DRAINAGE(M)						
PIPELINE(M)						



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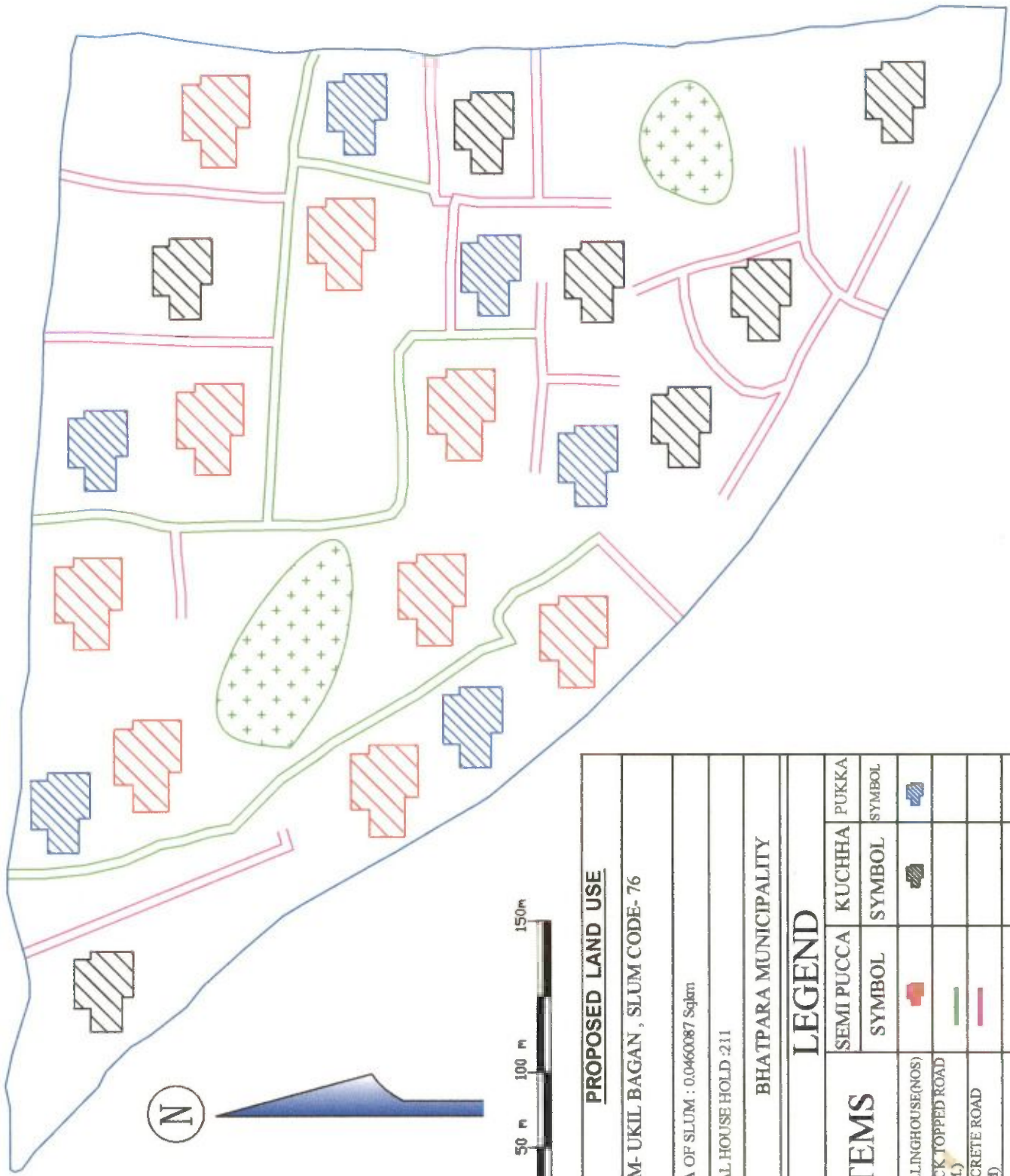


PROPOSED LAND USE			
SULM- NAG BAGAN, SLUM CODE-69			
AREA OF SLUM : 0.112049 Sqm			
TOTAL HOUSE HOLD : 666			
BHATPARA MUNICIPALITY			
LEGEND			
ITEMS	SEMI PUCCA	KUCHHA	PURVA
	SYMBOL	SYMBOL	SYMBOL
DWELLING HOUSE (Semi)			
BLACK TOPPED ROAD (S.M.)			
CONCRETE ROAD (S.M.)			
DRAINAGE (S.M.)			
PIPELINE (S.M.)			


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PROPOSED LAND USE			
SULM- UKIL BAGAN , SLUM CODE- 76			
AREA OF SLUM : 0.0460087 Sqkm			
TOTAL HOUSE HOLD :211			
BHATPARA MUNICIPALITY			
LEGEND			
ITEMS	SEMI PUCCA	KUCHHA	PUCCA
	SYMBOL	SYMBOL	SYMBOL
DWELLINGHOUSE(NOS)			
BLACK TOPPED ROAD (Sq.M)			
CONCRETE ROAD (Sq.M)			
DRAINAGE(M.)			
PIPELINE(M.)			


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N

0m 50m 100m 150m

PROPOSED LAND USE			
SULM- MALAKARPARA , SLUM CODE- 78			
AREA OF SLUM : 0.116280 Sqkm			
TOTAL HOUSE HOLD : 489			
BHATPARA MUNICIPALITY			
LEGEND			
ITEMS	SEMI PUCCA SYMBOL	KUCHHA SYMBOL	PURKA SYMBOL
DWELLING HOUSE (NO)			
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD (Sq.M.)			
DRAINAGE (M.)			
PIPELINE (M.)			

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0 m 50 m 100 m

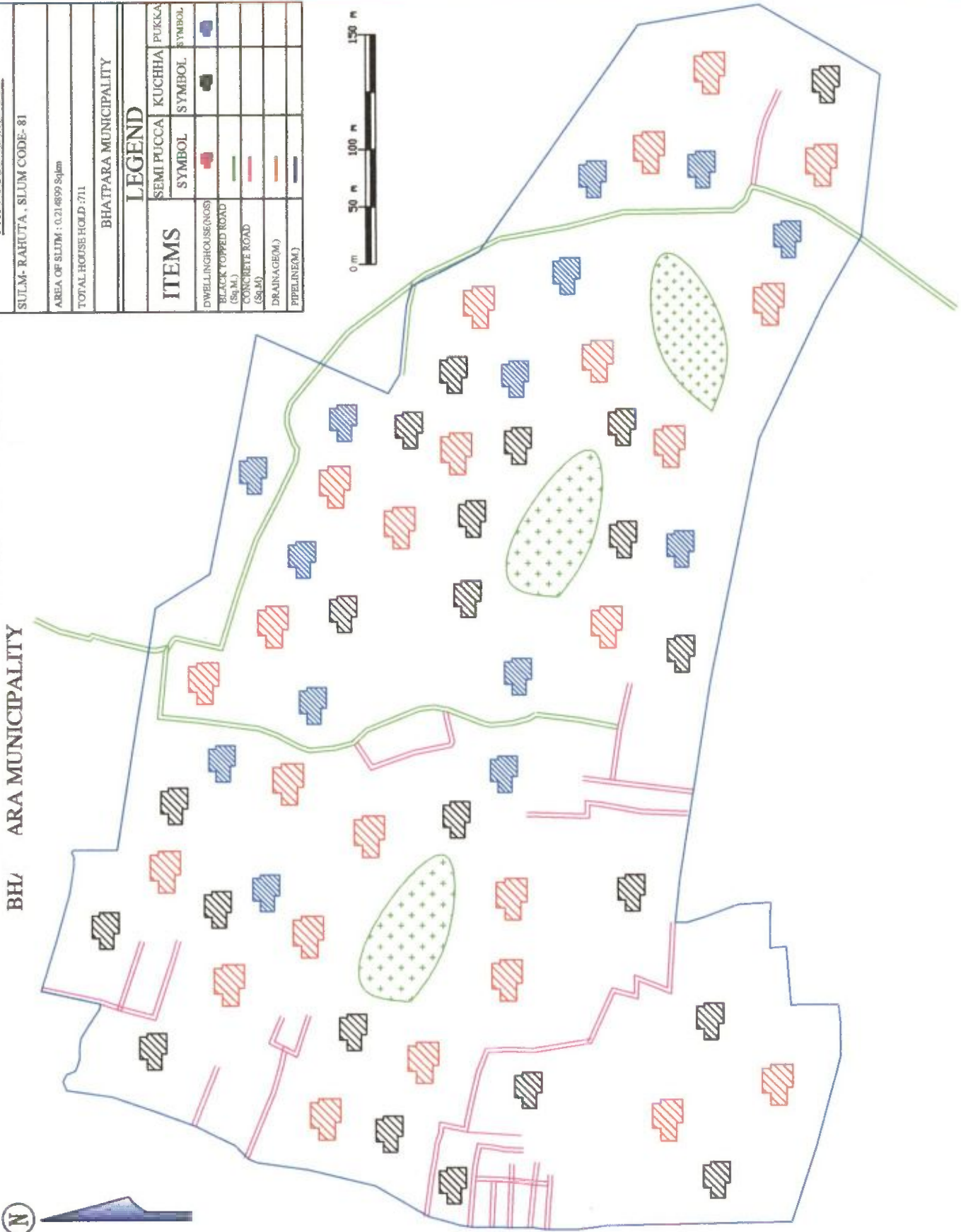
PROPOSED LAND USE			
ST/14/3 R.S. - S.I.U.M CODE-79			
AREA OF S.I.U.M- 0.28145 Sq.m			
TOTAL HOUSING HOLD- 142			
BHATPARA MUNICIPALITY			
LEGEND			
ITEMS	SEMI PUCCHA	KUCHRA	PURCA
	SYMBOL	SYMBOL	SYMBOL
OVERALL DEVELOPMENT			
ROADS (TYPED ROAD)			
WATER SUPPLY LINE			
SEWER LINE			
STANDARD			
DATE: 2016/17			


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PROPOSED LAND USE			
SULM- RAHUTA, SLUM CODE- 81			
AREA OF SLUM : 0.214899 Sqkm			
TOTAL HOUSE HOLD : 711			
BHATPARA MUNICIPALITY			
LEGEND			
ITEMS	SEMI Pukka		Pukka
	SYMBOL	SYMBOL	SYMBOL
DWELLINGHOUSE(NGS)			
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD (Sq.M)			
DRAINAGE(M)			
PIPELINE(M)			



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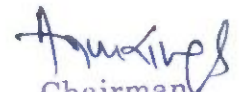
DPR- HOUSING FOR ALL(2016-17)



PROPOSED LAND USE			
SULM- HINDUSTAN COLONY(S.C.-082), SLUM CODE- 082			
AREA OF SLUM :0.118197Sqkm			
TOTAL HOUSE HOLD : 496			
BHATPARA MUNICIPALITY			
LEGEND			
ITEMS	SEMI PUCCA SYMBOL	KUCHHA SYMBOL	PUCCA SYMBOL
DWELLINGHOUSE(NOS)			
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD (Sq.M.)			
DRAINAGE(M)			
PIPELINE(M.)			

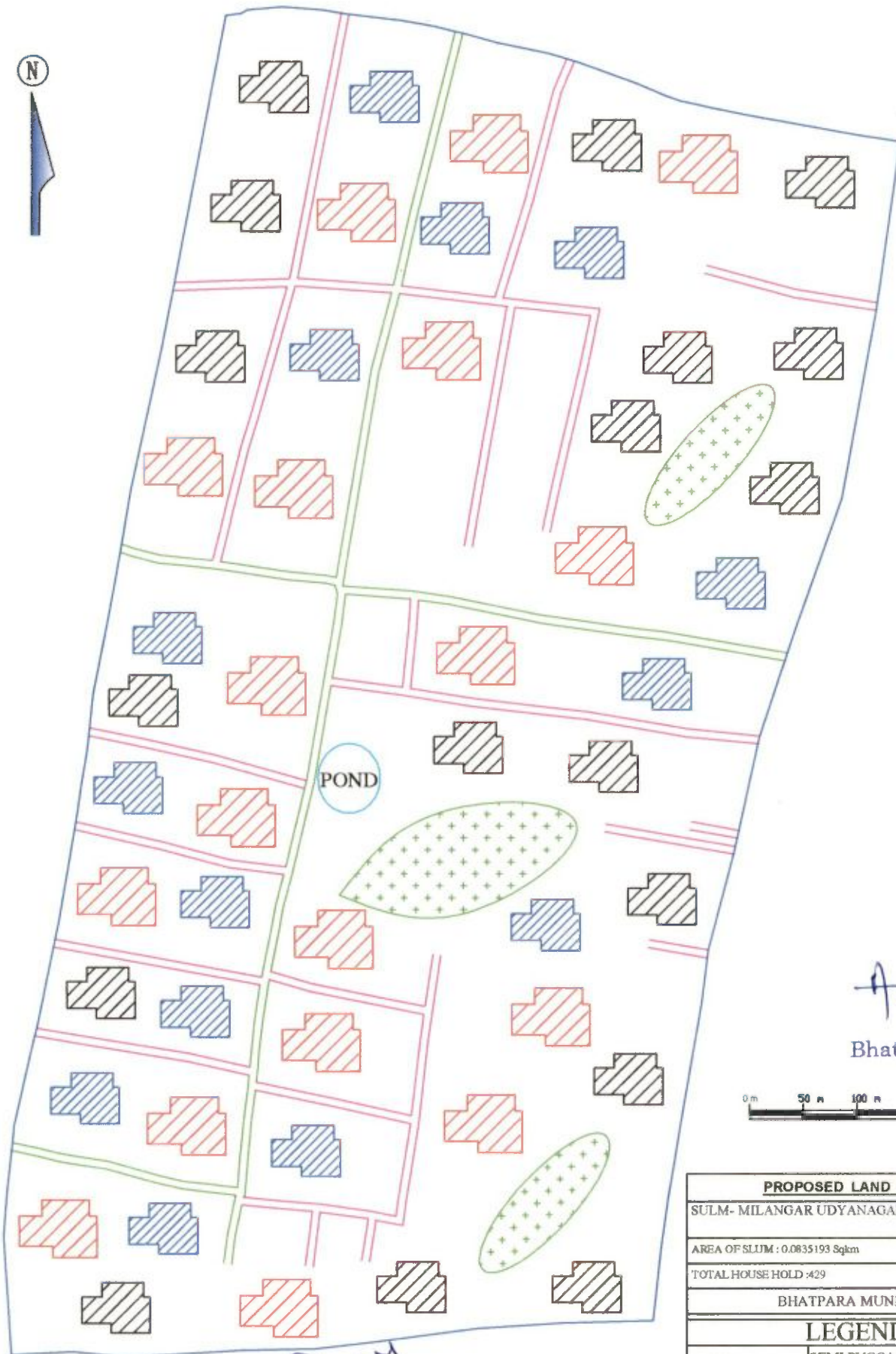
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DPR- HOUSING FOR ALL (2016-17)



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


PROPOSED LAND USE			
SULM- MILANGAR UDYANAGAR, SLUM CODE- 83			
AREA OF SLUM : 0.0835193 Sqkm			
TOTAL HOUSE HOLD :429			
BHATPARA MUNICIPALITY			
LEGEND			
ITEMS	SEMI PUCCA SYMBOL	KUCHHA SYMBOL	PUKKA SYMBOL
DWELLINGHOUSE(NOS)			
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD (Sq.M)			
DRAINAGE(M.)			
PIPELINE(M)			

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N

0 m 50 m 100 m 150 m

PROPOSED LAND USE			
SULM-BALISHKHANA , SLUM CODE- 91			
AREA OF SLUM : 0.128483 Sqkm			
TOTAL HOUSE HOLD : 352			
BHATPARA MUNICIPALITY			
LEGEND			
ITEMS	SEMI PUCKA	KUCHHA	PUCKA
	SYMBOL	SYMBOL	SYMBOL
DWELLING HOUSE(S)			
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD (Sq.M.)			
DRAINAGE (Sq.M.)			
PIPELINE(S)			


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0 m 50 m 100 m 150 m

PROPOSED LAND USE

SULM- SUBHASHPUR, SLUM CODE- 94

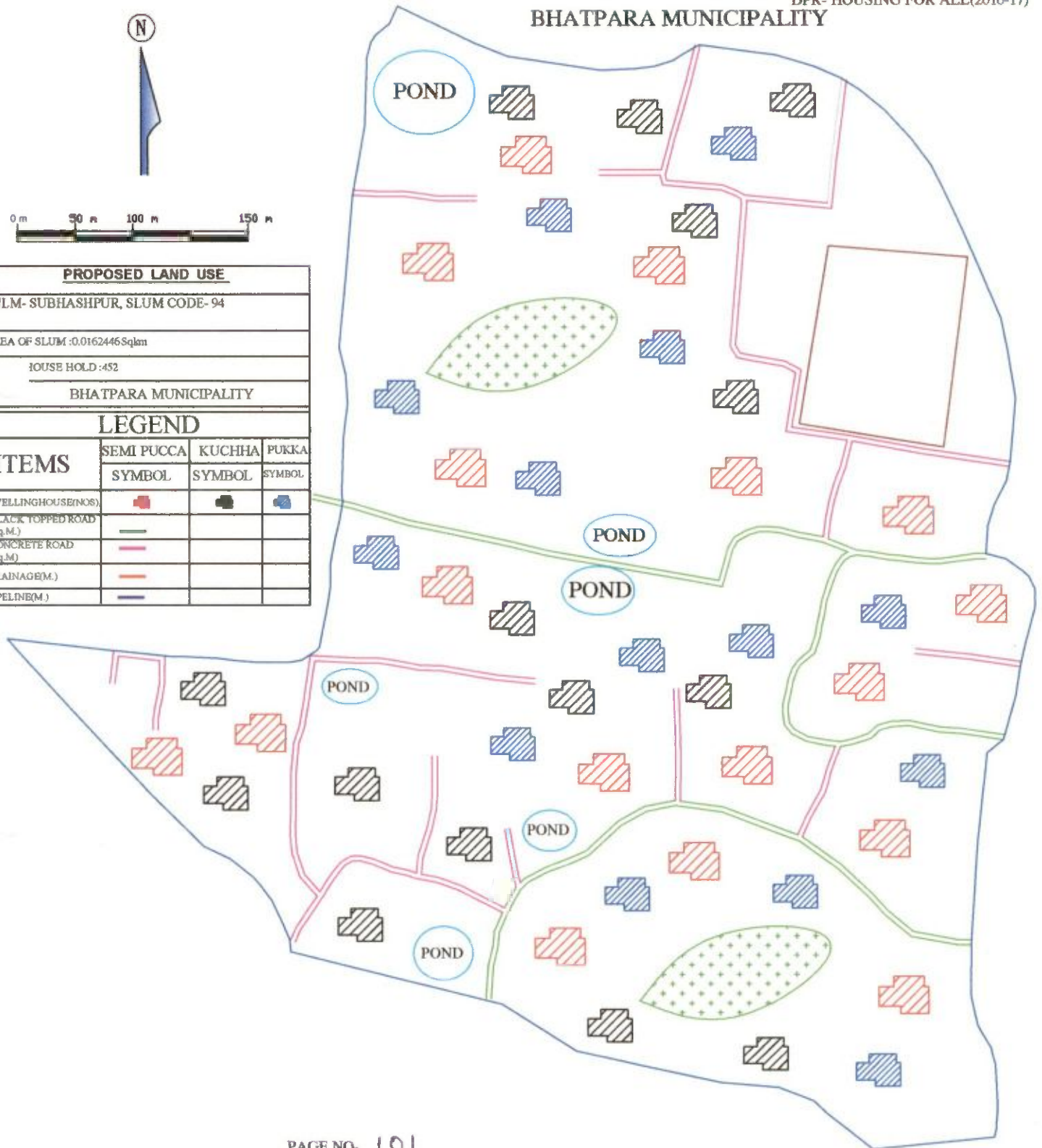
AREA OF SLUM :0.0162446 Sqkm

HOUSE HOLD :452

BHATPARA MUNICIPALITY

LEGEND

ITEMS	SEMI PUCCA	KUCHHA	PUKKA
	SYMBOL	SYMBOL	SYMBOL
DWELLINGHOUSE(NOS)			
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD (Sq.M.)			
DRAINAGE(M.)			
PIPELINE(M.)			



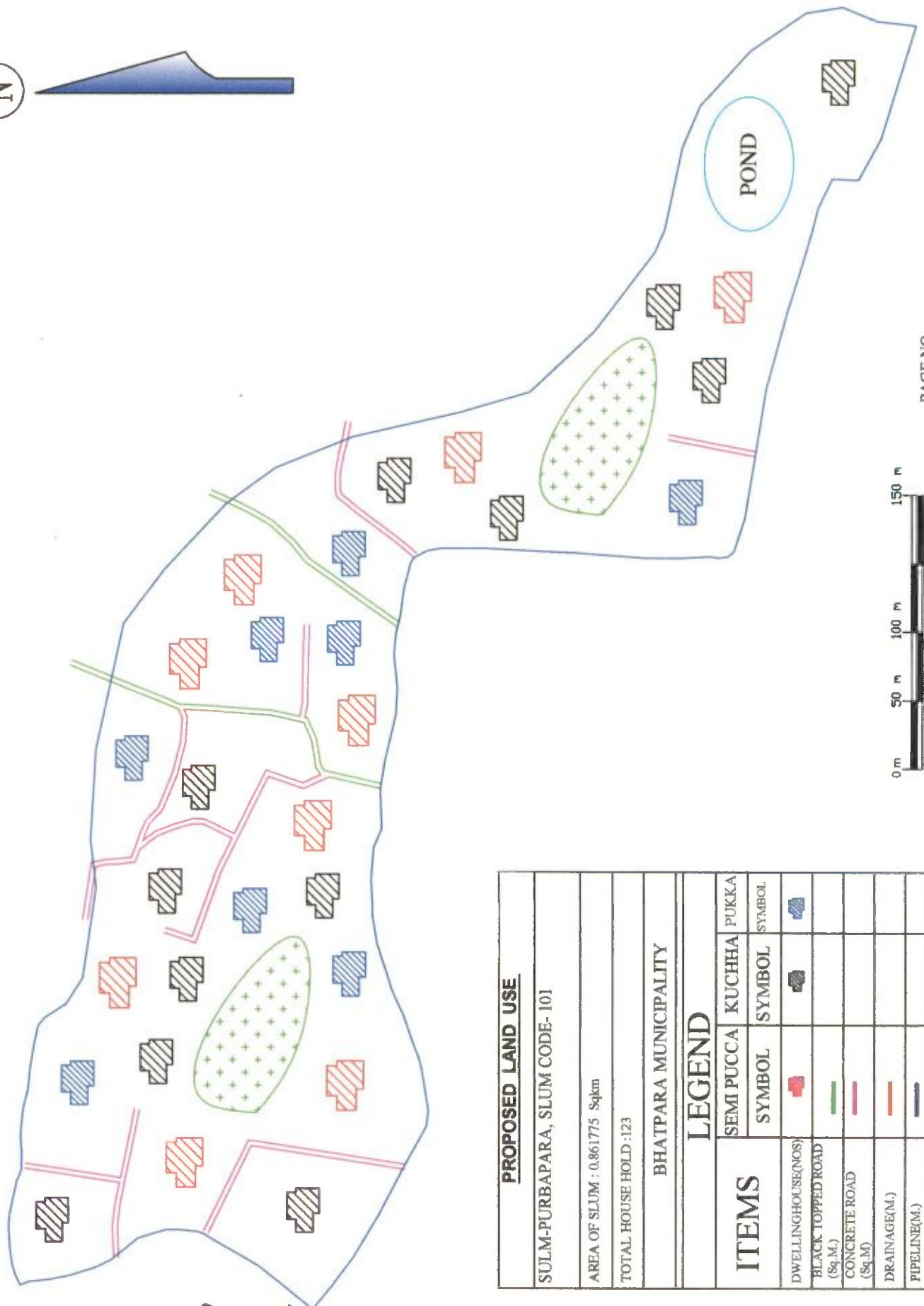
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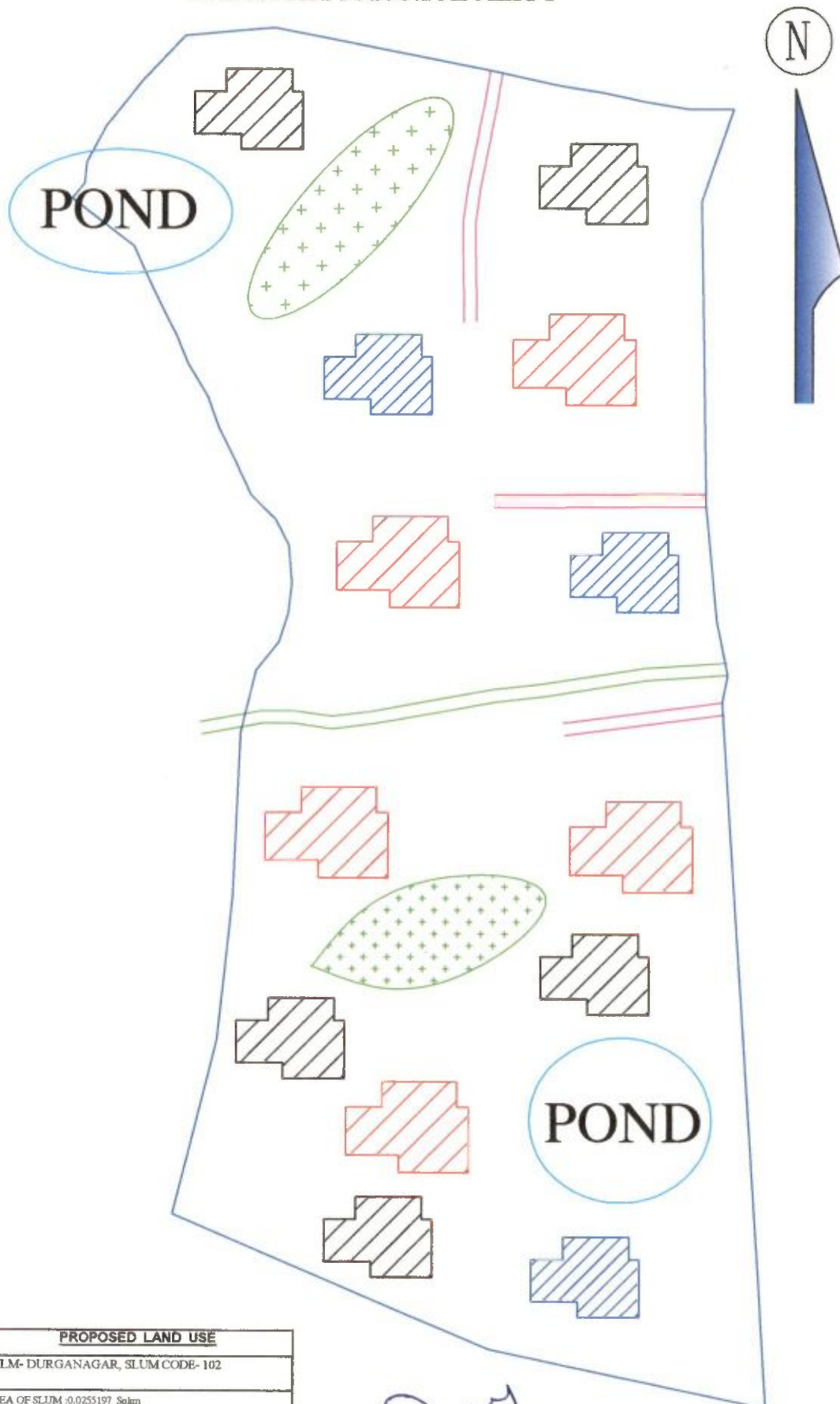
PROPOSED LAND USE			
SULM-PURBAPARA, SLUM CODE- 101			
AREA OF SLUM : 0.861775 Sqkm			
TOTAL HOUSE HOLD :123			
BHATPARA MUNICIPALITY			
LEGEND			
ITEMS	SEMI PUCCA SYMBOL	KUCHHA SYMBOL	PUKKA SYMBOL
DWELLINGHOUSE(NOS)			
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD (Sq.M)			
DRAINAGE(M.)			
PIPELINE(M.)			

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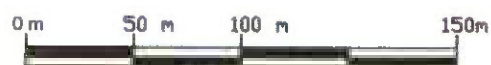
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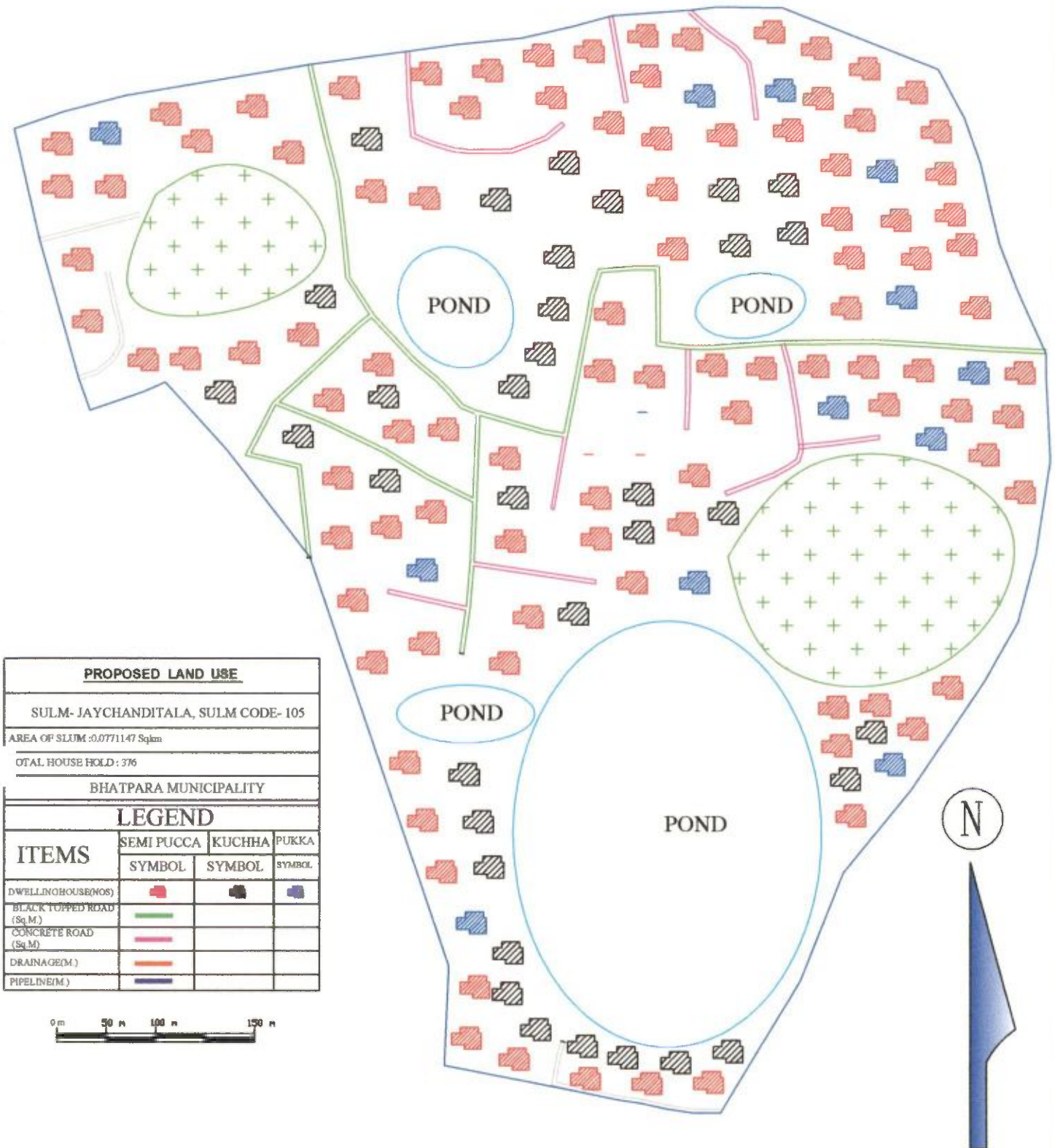
PROPOSED LAND USE			
SULM- DURGANAGAR, SLUM CODE- 102			
AREA OF SLUM :0.0255197 Sqkm			
TOTAL HOUSE HOLD :142			
BHATPARA MUNICIPALITY			
LEGEND			
ITEMS	SEMI Pukka	KUCHHA	Pukka
	SYMBOL	SYMBOL	SYMBOL
DWELLINGHOUSE(NOS)			
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD (Sq.M.)			
DRAINAGE(M.)			
PIPELINE(M.)			


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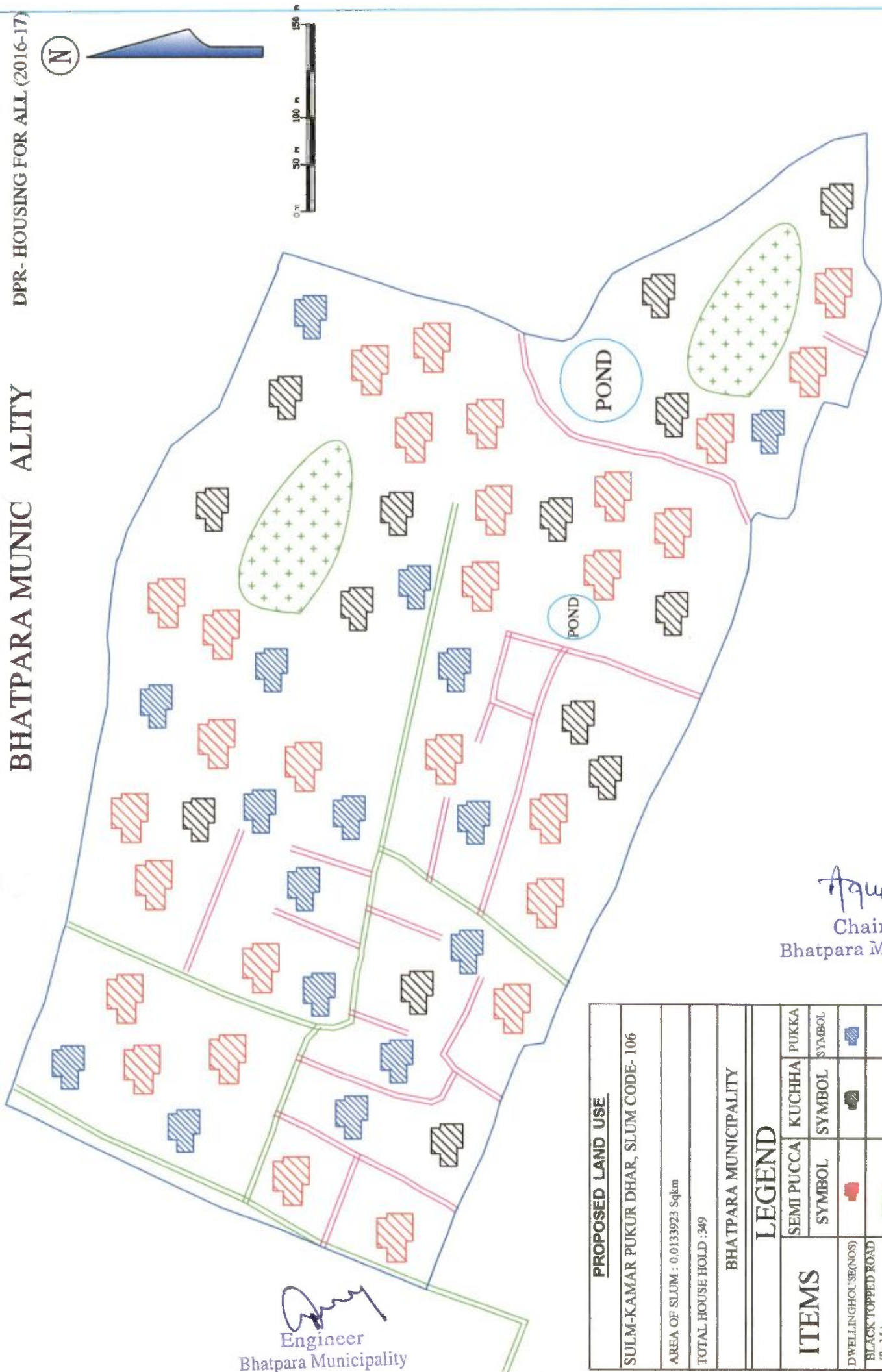
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PROPOSED LAND USE			
SULM-KAMAR PUKUR DHAR, SLUM CODE- 106			
AREA OF SLUM : 0.0133923 Sqkm			
TOTAL HOUSE HOLD : 349			
BHATPARA MUNICIPALITY			
LEGEND			
ITEMS	SEMI PUKKA	KUCHHA	PUKKA
	SYMBOL	SYMBOL	SYMBOL
DWELLINGHOUSE(S)			
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD (Sq.M.)			
DRAINAGE(M.)			
PIPELINE(M.)			

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PROPOSED LAND USE

SULM- BADAM TALA MILAN PALLY, SLUM CODE- 110

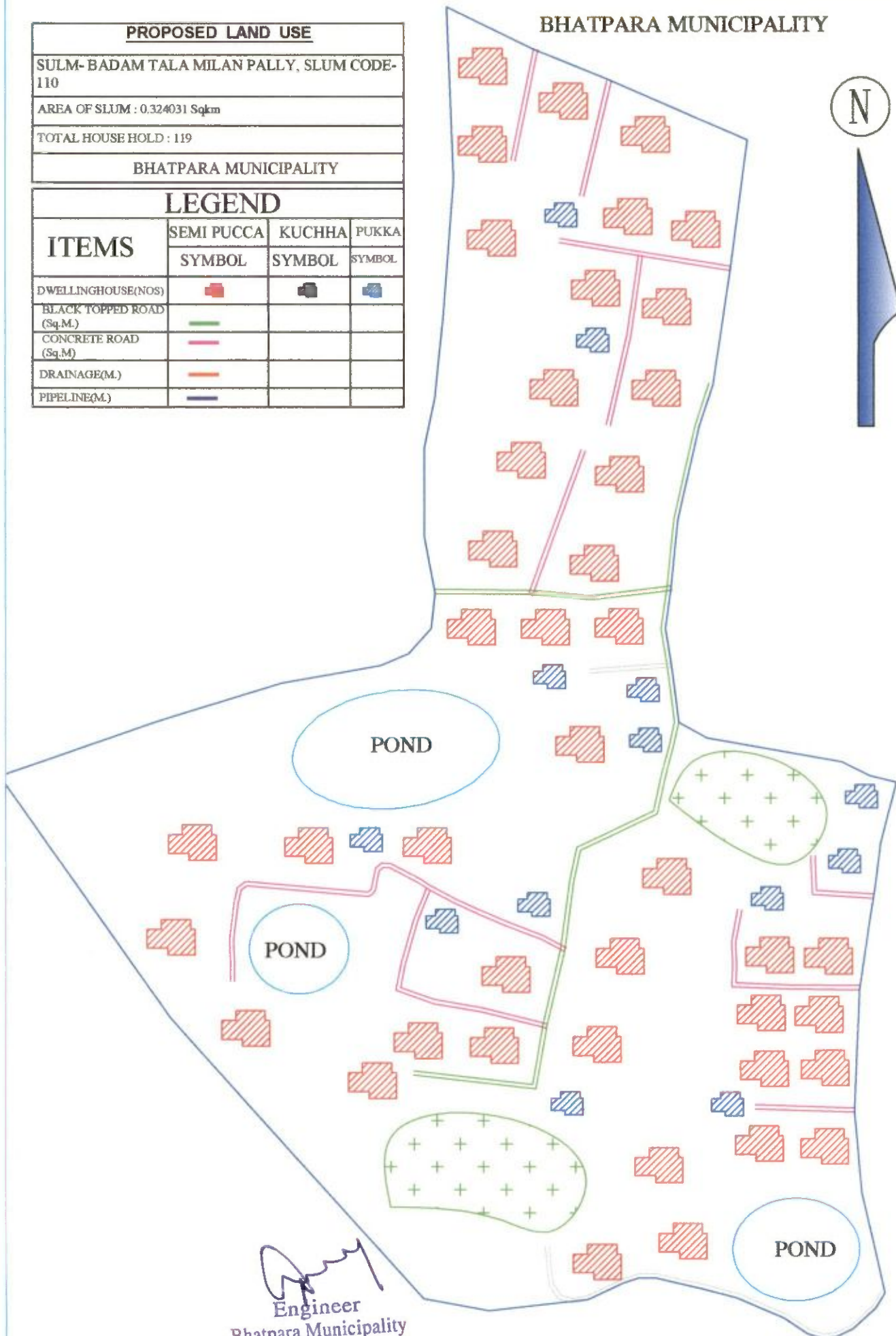
AREA OF SLUM : 0.324031 Sqkm

TOTAL HOUSE HOLD : 119

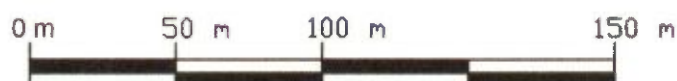
BHATPARA MUNICIPALITY

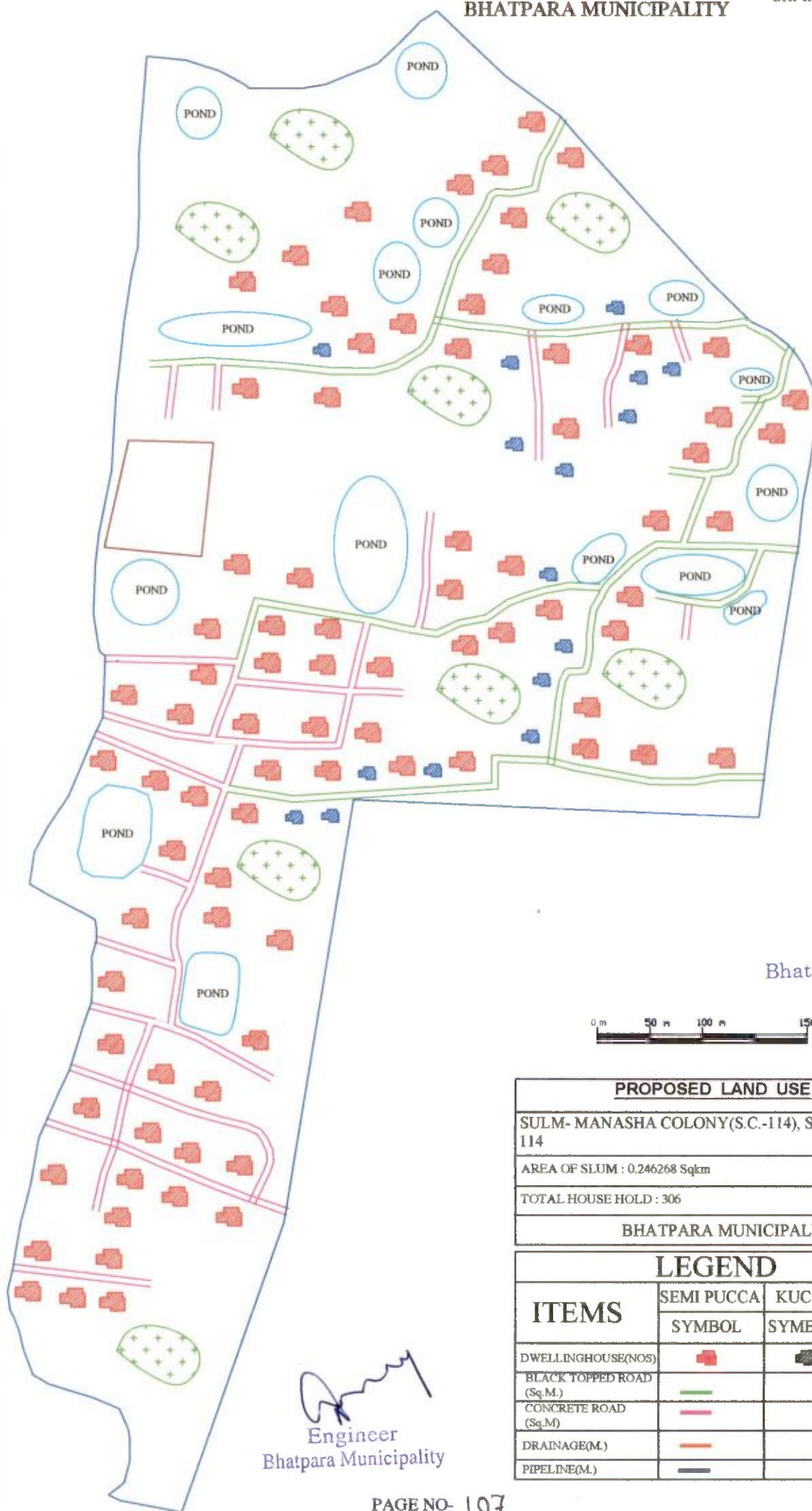
LEGEND

ITEMS	SEMI PUCCA	KUCHHA	PUKKA
	SYMBOL	SYMBOL	SYMBOL
DWELLINGHOUSE(NOS)			
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD (Sq.M)			
DRAINAGE(M.)			
PIPELINE(M.)			



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Awk
Chairman

Bhatpara Municipality

0 m 50 m 100 m 150 m

PROPOSED LAND USE

SULM- MANASHA COLONY(S.C.-114), SLUM CODE-114

AREA OF SLUM : 0.246268 Sqkm

TOTAL HOUSE HOLD : 306

BHATPARA MUNICIPALITY

LEGEND

ITEMS	SEMI PUCCA	KUCHHA	PUKKA
	SYMBOL	SYMBOL	SYMBOL
DWELLINGHOUSE(NOS)			
BLACK TOPPED ROAD (Sq.M.)			
CONCRETE ROAD (Sq.M)			
DRAINAGE(M.)			
PIPELINE(M.)			

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An extract copy of the minutes of the Ordinary Meeting of the Councillors of the Bhatpara Municipality held at the Municipal Office, Bhatpara on Thursday, the 8th September, 2016 at 2-00 P.M.

P R E S E N T

01. Sri/Smt.Arjun Singh, M.L.A.	Chairman
02. Sri/Smt. Somnath Talukdar	Vice-Chairman
03. “ Madan Mohan Ghosh	Member, C-in-C
04. “ Promod Kumar Singh	.do.
05. „ Md. Maqsood Alam	.do.
06. „ Manoj Guha	.do.
07. „ Deba Prasad Sarkar	.do.
08. “ Biva Biswas	Councillor
09. “ Aditi Sarkar	.do.
10. “ Arun Banerjee	.do.
11. “ Biman Bose	.do.
12. “ Gita Devi Yadav	.do.
13. “ Himanshu Sarkar (Bapi)	.do.
14. “ Biswanath Ghosh	.do.
15. “ Jyoti Shaw	.do.
16. “ Kalpana Lahiri	.do.
17. “ Durba Bhattacharyya	.do.
18. “ Kamala Agarwal	.do.
19. “ Lalan Chowdhury	.do.
20. “ Md. Nasiruddin Khan	.do.
21. “ Mohan Das	.do.
22. “ Mili Dutta	.do.
23. “ Pallabi Kundu (Das)	.do.
24. “ Sampa Dey (Nath)	.do.
25. “ Sima Mondal	.do.
26. “ Rekha Shaw	.do.
27. “ Prabir Baidya	.do.
28. “ Sankari Dutta	.do.
29. “ Sibani Mondal	.do.
30. “ Sohan Prasad Chowdhury	.do..
31. “ Sourav Singh	.do.
32. “ Sunil Neogi	.do.
33. “ Satyen Roy	.do.
34. “ Khushbun Nisha	.do.

BUSINESS:

WITH THE UNANIMOUS CONSENT OF THE COUNCILLORS PRESENT IN THE MEETING THREE
EXTRA AGENDA WERE TAKEN UP FOR DISCUSSION AND DECISION

EX-III : RE : Acceptance of DPR for the Year 2016-2017 under PMAY/Housing for All;

The Chairman placed the above-mentioned DPR duly prepared by the Engineer, Bhatpara Municipality for 622 Nos. Dwelling Units including infrastructure which under PMAY. All may be accepted for further course of action.

After detailed discussion, the members unanimously accepted the same and were authorized to take follow up in the matter.

The Meeting was then ended with vote of thanks to the Chair and from the Chair.

The Meeting ended with the vote of thanks to and from the chair.








Municipal Office,
Bhatpara

Sd/-Sri Arjun Singh
Chairman,
Bhatpara Municipality

Certified to be a true copy.


Chairman,
Bhatpara Municipality





40. Beneficiary List for 16-17

BHATPARA MUNICIPALITY PMAY (HFA- 2022) BENEFICIARY LIST OF BHATPARA MUNICIPALITY OF WARD NO:-01 FOR THE YEAR - 2016-17 Baburani Para (SLUM CODE-001)							
Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	General	Gender	UID NO.	Photo
1	Debasish Sarkar	Basuki Nath Sarkar	13/2	General	Male	2957 0372 0421	
2	Doman Shaw	Gopal Shaw	36/2	OBC	Male	2187 3121 2225	
3	Gobinda Sarkar	Jitendra Nath Sarkar	23/4	General	Male	4689 0634 0295	
4	Dinesh Chowdhury	Kalicharan Chowdhury	54/2	General	Male	9114 3396 2782	
5	Baby Chatterjee	Ranjit Chatterjee	20/2+ 21/2	General	Female	4382 4619 3341	
6	Jayashree Dutta Bairagya	Tarak Bairagya	20/2+ 21/2/1	General	Female	7995 6666 9428	
7	Paritosh Adhikary	Lt. Indubhusan Adhikary	31/10/2	General	Male	7556 5263 4055	






 Engineer
 Bhatpara Municipality


 Chairman
 Bhatpara Municipality

BHATPARA MUNICIPALITY
PMAY (HFA- 2022)
BENEFICIARY LIST OF BHATPARA MUNICIPALITY OF WARD NO:-02
FOR THE YEAR - 2016-17
Kumarpura Buraling Ghat (SLUM CODE-002)

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	General	Gender	UID NO.	Photo
8	Lalita Paul	Swapan Paul	.12/2	General	Female	2702 1132 8115	
9	Subhankar Gupta	Prayag Gupta	27/5	General	Male	5253 8275 7321	
10	Sudhir Gupta	Prayag Gupta	27	General	Male	4507 3455 1961	
11	Vijay Kumar Singh	Birbahadur Singh	.12/2	General	Male	8160 1221 4869	

BHATPARA MUNICIPALITY
PMAY (HFA- 2022)
BENEFICIARY LIST OF BHATPARA MUNICIPALITY OF WARD NO:-06
FOR THE YEAR - 2016-17
Ambgan (SLUM CODE-005), & Padmapukur Road (SLUM CODE-006)

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	General	Gender	UID NO.	Photo
12	Gita Ghosh	Lt. Ratn Ghosh	37/3	General	Female	8615 2098 8357	
13	Shiva Kumar Mishra	Ram Chandra Mishra	.3/2	General	Male	6619 3138 1408	
14	Sudip Kumar Paul	Shanti Gopal Paul	133/18	General	Male	9268 2530 3913	
15	Subhas Pain	Birendra Pain	37/4	General	Male	5572 2706 5955	


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16	Alisher Mohammad	Lt. Jan Mahammad	83/1	OBC	Male	3919 8774 3645	
17	Rupa Shaw	Kartick Shaw	.6/39	General	Female	5407 8194 4389	
18	Chandan Patra	Narayan Patra	22/3	General	Male	2241 2079 9728	
19	Saraswati Das	Dilip Das	.9/4/10	SC	Female	9640 6429 0205	
20	Tapan Sharma	Santosh Sharma	133/8/1	General	Male	6501 8248 0840	
21	Susila Debi	Ramchandra Paswan	4/1/2012	SC	Female	6455 5316 5700	
22	Putul Devi Mandal	Swadhin Mandal	.6/33	SC	Female	6846 7339 3967	
23	Chotelal Verma	Jugeswar Verma	16/18	General	Male	6177 5954 1655	
24	Bhuban Ghosh	Lt. Jalak Lal Ghosh	146	General	Male	9049 0505 2514	
25	Munna Singh	Lt. Dasharath Singh	13/34/2	General	Male	2215 3326 2685	
26	Shibani Paul	Babulal Paul	53/13	General	Female	7254 9744 8818	


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27	Shibu Biswas	Lt. Subarno Biswas	148/1	General	Male	3332 9638 9527	
28	Pratima Das	Banshi Das	4	SC	Female	4511 6633 3073	
29	Manorama Sarkar	Lt. Pramatha Sarkar	88/2	General	Female	9458 0274 8281	
30	Sita Debi Sharma	Manoj Sharma	.6/18/	General	Female	9373 9703 3814	
31	Sima Devi	Tarak Singh	16/1/2	General	Female	4868 0472 6118	
32	Shamim Ansari	Saukat Ali	30/13	OBC	Male	2427 0307 4494	
33	Kashi Nath Rajbhar	Lt. Kalicharan Rajbhar	64	SC	Male	4391 2088 3613	
34	Shanti Devi Koiri	Lt. Gouri Shankar Koiri	90/8	General	Female	5291 1322 2844	
35	Tarak Sarkar	Lt. Kalachand Sarkar	22/1	General	Male	9151 4691 4117	
36	Rita Thakur	Ramji Thakur	16/8	SC	Female	7126 8705 3666	
37	Ramani Mohan Das	Debendra Nath Das	22/9	SC	Male	6991 3368 4477	


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38	Goutam Sarkar	Lt. Manindra Sarkar	78/6	General	Male	6360 0726 4281	
39	Dowarka Bin	Indradeo Bin	87	ST	Male	7029 4924 7445	
40	Himangshu Kumar Mitra	Nirmal Kumar Mitra	76/6/2	General	Male	5854 4764 0516	
41	Subrata Mondal	Lt. Tarapada Mondal	91/4	SC	Male	4828 8140 4836	
42	Saraswati Debi	Naresh Singh	14/9	General	Female	6047 1393 4215	
43	Gita Adhikary	Lt. Balram Adhikary	112/4	General	Female	7493 6588 4585	
44	Dilip Paul	Lt. Balai Paul	148/4	General	Male	5646 8345 5199	
45	Chouthi Ahir	Lt. Manu Ahir	49/1/2	General	Male	5866 2598 5725	
46	Mina Debi	Chandra Shekhar Mondal	3/4/2004	General	Male	5360 8865 7727	
47	Ganesh Rajak	Lt. Ramji Rajak	30/10	SC	Male	8581 4244 3168	
48	Mahesh Das	Lt. Lachhmi Das	30	SC	Male	8330 3130 8692	




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49	Ramesh Paswan	Lt. C. Paswan	.11/1/2	SC	Male	3247 4563 2249	
50	Suraj Gowla	Lt. Shibnath Gowla	73	OBC	Male	7490 1121 2370	
51	Samar Halder	Gurupada Halder	18/9	General	Male	8045 3543 8620	
52	Jayprakash Thakur	Lt. Jhingoor Thakur	77/1	SC	Male	7712 9692 8174	
53	Rajendra Shaw	Chandrika Shaw	50/19	OBC	Male	3118 4792 7192	
54	Sanjay Mahato	Lt. Indrasan Mahato	.12/19	OBC	Male	2672 4943 7748	
55	Prashanta Ghosh	Gopal Ghosh	115/2	General	Male	6030 6863 6890	
56	Madhusudan Majumdar	Lt. Jagatchandra Majumdar	.10/2	General	Male	9713 9780 7459	
57	Prabir Chowdhury	Lt. Prafulla Chowdhury	13/23/3	General	Male	7288 4209 3110	
58	Bipul Das	Lt. Phanibhushan Das	75/7/4	SC	Male	6863 1666 7456	
59	Panchanan Das	Murarimohan Das	.12/15	SC	Male	2627 8096 1183	

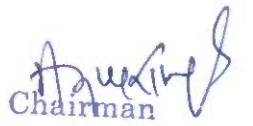

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60	Goutam Das	Lt. Sunil Chandra Das	45/24	SC	Male	6974 1690 5676	
61	Tara Debi	Santosh Shaw	14/16	General	Female	4804 7869 3379	



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BHATPARA MUNICIPALITY
PMAY (HFA- 2022)
BENEFICIARY LIST OF BHATPARA MUNICIPALITY OF WARD NO:-07
FOR THE YEAR - 2016-17
Kantadanga Road (SLUM CODE-007)

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	General	Gender	UID NO.	Photo
62	Pranab Ghosh	Pulin Bihari Ghosh	119/3	General	Male	3447 4929 4645	
63	Rajkumar Ray	Deosharan Ray	23	General	Male	9970 8321 4526	
64	Krishna Gopal Chakraborty	Shridam Chakraborty	19/6	General	Male	9552 7431 6174	
65	Arjun Shaw	Parameshwar Shaw	31/1/1/1	OBC	Male	4362 3747 4805	
66	Gouri Shankar Koiri	Prabhu Koiri	170	General	Male	6686 6182 4224	
67	Kartick Debnath	Netai Debnath	70/13	General	Male	6701 2053 0676	
68	Rakhi Bhattacharyya	Susanta Bhattacharyya	54/1/1	General	Female	3659 8848 3523	
69	Himangsu Mondal	Krishnapada Mondal	37/2	SC	Male	9813 5682 1895	
70	Lalu Tanti	Ganesh Tanti	.1/1	General	Male	6398 4152 1006	
71	Shyama Devi Shaw	Bharat Prasad Shaw	1	General	Female	9197 7052 8474	


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72	Purnima Rani Sarkar	Manik Lal Sarkar	54/2+ 54/3	General	Female	3239 3177 2500	
73	Rajesh Bihari	Lt. Babulal Singh	110/46	General	Male	8057 6296 3505	
74	Surendra Prasad Ray	Zulan Prasad Ray	.7/1	General	Male	3700 8303 0461	
75	Raj Kumar Shaw	Lt. Bhagwan Shaw	110/49/4	OBC	Male	5109 2735 9699	
76	Belarani Biswas	Jagannath Biswas	134/2	General	Female	5227 3450 6843	
77	Sima Dutta	Uttam Dutta	80/1	General	Female	7708 8471 2441	
78	Manjudebi Shaw	Ashok Kumar Shaw	107/12	OBC	Female	9939 0265 9548	
79	Sangita Shaw	Bharat Kumar Shaw	18/2	OBC	Female	8863 5124 3426	


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BHATPARA MUNICIPALITY
PMAY (HFA- 2022)
BENEFICIARY LIST OF BHATPARA MUNICIPALITY OF WARD NO:-10
FOR THE YEAR - 2016-17
Sundiyapara (SLUM CODE-018)

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	General	Gender	UID NO.	Photo
80	Tusi Mondal	Lt. Raju Mondal	63/2	SC	Female	4044 5184 9997	
81	Rama Halder	Lt. Bhawani Chandra Halder	116/2	General	Female	8357 1166 2794	
82	Om Prakash Shaw	Jagadish Shaw	13/1	General	Male	5055 0878 9706	
83	Sujoy Sarkar	Habu Sarkar	198/5/2	General	Male	3980 3187 4139	
84	Kshitish Sarkar	Mahendra Sarkar	198/5	General	Male	6235 4267 2710	
85	Hira Lal Shah	Dhano Shah	9/2/2/1	OBC	Male	9225 5262 0789	
86	Kanaklata Shaw	Sankar Shaw	33/10	General	Female	8435 9578 8801	
87	Sandhya Ram	Kapil Ram	44/5	SC	Female	9425 7208 1281	
88	Munna Singh	Jugeshwar Prasad	97/3	General	Male	5615 5747 9434	
89	Anjali Sarkar	Bimal Kumar Sarkar	218/1	General	Female	5201 8400 2038	

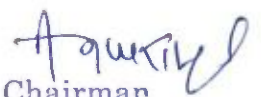

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90	Sakuntala Debi	Kamesh Prasad	15/9	General	Female	3597 9346 7158	
91	Shambhu Verma	Ramcharitar Verma	47/43	General	Male	6240 4919 3975	
92	Narayan Pandit	Bhola Pandit	23/2/1	General	Male	5060 4149 3056	
93	Ram Charitra Verma	Ram Gulam Verma	389/8	General	Male	9520 5902 6619	
94	Gita Devi Chowdhary	Ramlakhan Chowdhary	18/8	SC	Female	9468 2126 9731	
95	Mahmood Alam	Hadishmiya	15/12/2	OBC	Male	8012 3699 0638	
96	Subodh Chandra Ghosh	Dinesh Chandra Ghosh	119/1	General	Male	8297 4104 4694	
97	Ajit Adak	Muktaram Adak	142	General	Male	4673 1108 7611	
98	Bijoy Adhikary	Ramesh Adhikary	218	General	Male	7647 7668 7165	
99	Santi Ranjan Ghosh	Dinesh Chandra Ghosh	119/1/2	General	Male	2025 7848 0196	
100	Ram Kumar Ghat	Kenaram Ghat	48/14	General	Male	6972 4804 1274	



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101	Sukumar Banik	Ramesh Chandra Banik	81/1	General	Male	3935 8980 6828	
102	Tapan Dutta	Lt. Subal Dutta	192/13	General	Male	6881 0426 0760	
103	Bapi Majumder	Amal Krishna Majumder	47/1	General	Male	8353 8749 4766	



BHATPARA MUNICIPALITY
PMAY (HFA- 2022)
BENEFICIARY LIST OF BHATPARA MUNICIPALITY OF WARD NO:-11
FOR THE YEAR - 2016-17
B.L-10 (SLUM CODE-022)

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	General	Gender	UID NO.	Photo
104	Pintu Choudhary	Jawaharlal Choudhary	.5/1	General	Male	9479 0845 5415	
105	Binod Kumar Shaw	Jwabar Shaw	10	General	Male	2563 3796 6614	
106	Rakhi Chowdhary	Prithwesh Chowdhary	64/1	SC	Female	9132 6421 2164	
107	Kundan Kumar Shaw	Sarjug Shaw	.11/1	General	Male	6338 8770 4102	
108	Jay Prakash Choudhary	Ramdas Choudhary	14	General	Male	6577 0895 3288	
109	Md Yusuf	Sk Ramjan	20/1	OBC	Male	9799 8948 9330	
110	Triloki Devi	Kailash Nath Jaiswal	15/3	General	Female	8980 9773 8998	


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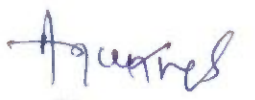
BHATPARA MUNICIPALITY PMAY (HFA- 2022) BENEFICIARY LIST OF BHATPARA MUNICIPALITY OF WARD NO:-17 FOR THE YEAR - 2016-17 B.L-11 (SLUM CODE-045)							
Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	General	Gender	UID NO.	Photo
111	Pankaj Kumar Pandey	Lt. Chote Lal Pandey	113/36	General	Male	4651 1708 2922	
112	Dipak Yadav	Indrasan Yadav	36/3	General	Male	6810 3455 3967	
113	Jay Prakash Ray	Lt. Gaya Prasad Ray	37/5	General	Male	6414 6614 0153	
114	Ajoy Kumar Keshri	Gauri Shankar Keshri	18/2	General	Male	5084 6715 3459	
115	Lal Babu Barai	Lt. Khudiram Barai	.12/3	General	Male	9512 5869 8644	
116	Binod Shaw	Banshi Prasad Shaw	22/2	General	Male	8561 9941 8728	
BHATPARA MUNICIPALITY PMAY (HFA- 2022) BENEFICIARY LIST OF BHATPARA MUNICIPALITY OF WARD NO:-18 FOR THE YEAR - 2016-17 B.L-09 (SLUM CODE- 048)							
Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	General	Gender	UID NO.	Photo
117	Mira Sarkar	Nakul Sarkar	.11/12	General	Female	2897 6419 2682	













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 Bhatpara Municipality

BHATPARA MUNICIPALITY PMAY (HFA- 2022) BENEFICIARY LIST OF BHATPARA MUNICIPALITY OF WARD NO:-23 FOR THE YEAR - 2016-17 Netaji Nagar Colony (SLUM CODE-064)							
Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	General	Gender	UID NO.	Photo
118	Tarak Nath Yadav	Rama Shankar Ram Yadav	.9/95	General	Male	9774 5238 4218	
119	Sandhya Mandal	Ganesh Mandal	37/48	Sc	Female	2418 1835 1720	
120	Meena Devi	Ramnath Prasad	37/54	General	Female	5691 2532 9315	
121	Sunil Kumar Bala	Priyanath Bala	309/9/81	General	Male	2022 4912 7927	
122	Gopal Gupta	Biren Gupta	309/9/44	General	Male	7186 5983 4824	
123	Binata Majumder	Santu Majumder	275/16	General	Female	7366 7121 9626	
124	Husna Banoo	Ali Hussain	9/135	OBC	Female	3677 2756 3738	
125	Kartick Halder	Prasanna Halder	309/9/52	General	Male	8263 2907 0296	
126	Zakir Hussain	Akbar Mia	17/8/2	OBC	Male	8363 5925 1458	
127	Md Muslim Ansari	Md Kasim Ansari	17/6	OBC	Male	4659 0641 2665	








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 Bhatpara Municipality

128	Sunil Biswas	Siddheswar Biswas	233/8/1	General	Male	4309 6803 8115	
129	Chaina Sarkar	Lt. Samir Sarkar	309/9/82/ 3	General	Female	7525 2462 4987	
130	Bulan Guha	Lt. Debjyoti Guha	230	General	Female	9251 8012 7951	
131	Soumendra Chakraborty	Sudhangshu Chakraborty	21/1	General	Male	7957 5809 8214	
132	Hirendra Chandra Majumder	Dhirendra Chandra Majumder	18/2	General	Male	3938 8295 1202	
133	Kalamuddin	Ali Hussain	35/1	OBC	Male	2033 7873 6951	
134	Sova Ghosh	Lt. Kalyan Ghosh	14/1	General	Female	5840 5904 2210	
135	Maya Rani Roy	Kamal krishna Roy	147	General	Female	5417 1256 0782	
136	Sarathi Oraon	Laxman Oraon	306/6	ST	Female	5312 7700 9087	
137	Manoj Kumar Gupta	Trilok Chandra Gupta	31/1/1	General	Male	2025 9824 3409	
138	Supriya Niyogi	Mohan Lal Niyogi	171/4	General	Male	7819 6155 7481	



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Bhatpara Municipality

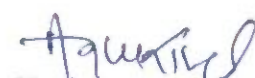
139	Debashish Chatterjee	Lakshmi Kanta Chatterjee	19/2	General	Male	2113 8708 8021	
140	Sukesh Chandra Halder	Purna Chandra Halder	.9/2	General	Male	4653 7409 6952	
141	Bishnu Kumar Gupta	Parameshwar Gupta	169/7/1	General	Male	9105 7994 3298	
142	Urmila Tarafdar	Lt. Balai Taradar	309/9/22/ 2	General	Female	4525 5017 4773	
143	Sankar Biswas	Lt. Sanatan Biswas	309/9/19/ 1	General	Male	5353 9199 3468	
144	Nilam Singh	Dhananjay Singh	37/121	General	Female	7432 0338 0854	
145	Mumtaj Banoo	Muslim Ansari	9/136	OBC	Female	5284 9207 9039	
146	Sandhya Karmakar	Amulya Karmakar	13/1	General	Female	5686 9350 8794	


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Chairman
Bhatpara Municipality

BHATPARA MUNICIPALITY PMAY (HFA- 2022) BENEFICIARY LIST OF BHATPARA MUNICIPALITY OF WARD NO:-24 FOR THE YEAR - 2016-17 Battatala Ramkrishna Pally (SLUM CODE-067)							
Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	General	Gender	UID NO.	Photo
147	Kanakendu Samaddar	Banamali Samaddar	59/2	General	Male	3665 1971 0915	
148	Milan Kumar Adhikari	Manmatha Nath Adhikary	.10/1/2	General	Male	7410 3550 6326	
149	Ranjan Mallick	Lt. Dharendra Nath Mallick	35/1	SC	Male	6224 0580 1180	
150	Sulekha Adhikari	Radhapada Adhikary	56/1	General	Female	6782 8000 2403	
151	Sujata Das	Nilmani Das	51/7	SC	Male	5421 2597 5882	
152	Gorachand Jana	Lakshmi Jana	150/1	General	Male	7497 2179 3510	
153	Chitta Ranjan De	Shart Chandra De	30/1	General	Male	4293 1962 2121	
154	Kalachand Das	Asit Ranjan Das	19/1/4	SC	Male	7787 6003 3197	
155	Sujit Dutta	Haripada Dutta	28/7	General	Male	5636 9582 5686	


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156	Jognath Rajbanshi	Jugol Rajbanshi	18/10	General	Male	2668 6667 4738	
157	Sanjib Dutta	Haripada Dutta	28/6	General	Male	2580 4422 4370	
158	Kalachand Dutta	Sakhanath Dutta	28	General	Male	3939 0437 6663	
159	Subhas Sarkar	Sanka Sarkar	235	General	Male	3882 2891 1952	
160	Anima Dasgupta	Dakshinaranjan Dasgupta	47	General	Female	4836 3844 1806	
161	Sagar Sarkar	Shyamal Sarkar	15/2	General	Male	3899 8699 0333	
162	Kajal Sarkar	Narendra Sarkar	50/1	General	Male	8585 4963 3079	
163	Bikash Saha	Kanailal Saha	258/2	General	Male	3608 8205 6062	
164	Ashish Routh	Jitendra Routh	57	General	Male	4179 4169 2962	
165	Nirapada Mondal	Surendra Mondal	130/49	SC	Male	7018 5248 2025	



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166	Kamala Hazra	Prafulla Hazra	143	General	Female	3103 2899 2467	
167	Ganesh Dhali	Baburam Dhali	137	General	Male	5607 4617 6382	
168	Goutam Bhattacharjee	Nishikanta Bhattacharjee	221/1	General	Male	7892 0560 4298	
169	Tushar Kanti Roy	Chittaranjan Roy	107/14	General	Male	4492 0443 0747	
170	Siba Nanda Saha	Lt. Harideb Saha	39/1	General	Male	7745 1124 9849	
171	Mala Roy	Pradip Kumar Roy	21/23/1	General	Female	6932 9876 1490	
172	Kabita Paul	Tarak Nath Paul	18/4	General	Female	2888 2728 5859	
173	Bimal Das	Lt. Ambika Das	130/46	SC	Male	7207 4479 4163	
174	Dipak Debnath	Lt. Bindo Bihari Debnath	108/13	General	Male	9505 4593 5514	
175	Sunil Dey Sarkar	Brajendra Dey Sarkar	130/26	General	Male	3232 6512 3255	



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176	Ila Rani Singha Roy	Kashinath Roy	130/48	General	Female	2714 7518 9351	
177	Subrata Adhikari	Lt. Santosh Kumar Adhikari	102/2	General	Male	9319 5328 1434	
178	Madhab Dey	Monmohan Dey	51/8/1	General	Male	2211 3917 3747	
179	Bishnu Sankha Banik	Lt. Krishna Kanta Sankha Banik	51/10/1/1	General	Male	7980 3262 9960	
180	Gouranga Paul	Lt. Sadananda Paul	132	General	Male	2596 7767 8659	
181	Bishnupada Ghosh	Shridam Ghosh	59/1	General	Male	4938 3767 7984	
182	Atanu Paul	Subash Paul	22/1/1	General	Male	5732 0407 1159	

BHATPARA MUNICIPALITY
PMAY (HFA- 2022)
BENEFICIARY LIST OF BHATPARA MUNICIPALITY OF WARD NO:-25
FOR THE YEAR - 2016-17
Nag Bagan (SLUM CODE- 069)

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	General	Gender	UID NO.	Photo
183	Soumen Paul	Biplab Paul	190/1	General	Male	7525 4891 2365	
184	Subhash Chandra Saha	Lt. Sachindra Saha	161/1	General	Male	3116 4807 9931	


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185	Dulal Das	Lt. Nityananda Das	250/1	SC	Male	9986 6048 9677	
186	Gobinda Paul	Lt. Ramesh Pal	39	General	Male	9544 4456 9230	
187	Minati Ghosh	Prodyut Kr. Ghosh	349/1	General	Female	6883 9016 3614	
188	Babul Ghosh	Lt. Jagdish Ch. Ghosh	250/9/3	General	Male	7853 8943 3204	
189	Harbilas Adhikari	Lt. Haricharan Adhikari	42/1	General	Male	3027 5723 9956	
190	Ujjal Aich	Lt. Balai Krishna Aich	48/15/2	General	Male	8135 6577 0112	
191	Rabindra Nath Natta	Lt. Jiban Chandra Natta	246	General	Male	9929 4687 0883	
192	Dulal Paul	Lt. Durgapada Paul	190	General	Male	9109 8644 6804	
193	Sumit Paul	Lt. Swapan Kr. Paul	190/2	General	Male	4547 7332 1377	
194	Ashok Biswas	Lt. Bhuban Biswas	43/1/12	General	Male	6797 2905 0776	
195	Runa Sarkar	Anupam Sarkar	31/3	General	Female	9724 6009 8450	


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BHATPARA MUNICIPALITY
PMAY (HFA- 2022)
BENEFICIARY LIST OF BHATPARA MUNICIPALITY OF WARD NO:-26
FOR THE YEAR - 2016-17
Ukl Bagan (SLUM CODE- 076)






Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	General	Gender	UID NO.	Photo
196	Putul Dutta	Sntosh Dutta	1/1165	General	Female	7745 5140 8880	
197	Subrata Gayen	Ajit Gayen	272/911/ 17	General	Male	8218 7076 8405	
198	Anjan Sarkar	Yadav Sarkar	.7/2	General	Male	3242 6968 9611	
199	Manik Lal Chakraborty	Mahendra Chakraborty	11/206	General	Male	3385 8354 6590	
200	Jagodesh Sarkar	Jadav Sarkar	.7/1	General	Male	9327 5612 0166	
201	Ashok Majumdar	Khirod Chandra Majumdar	273/783/ 3	General	Male	3888 2195 5469	
202	Ashok Saha	Lalit Mohan Saha	4/1179	General	Male	2234 9015 3276	
203	Ratan Roy	Lt. Sukharanjan Roy	11/508/2	General	Male	8583 7574 0262	


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PMAY (HFA- 2022)
BENEFICIARY LIST OF BHATPARA MUNICIPALITY OF WARD NO:-27
FOR THE YEAR - 2016-17
Malakarpara (SLUM CODE- 078)

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	General	Gender	UID NO.	Photo
204	Sujit Das	Sunil Das	442/1557 /2	SC	Male	5596 8463 6339	
205	Mamoni Das	Gouranga Das	203/1	SC	Female	7027 8443 0825	
206	Gobinda Chandra Das	Makhan Lal Das	682/992	SC	Male	8851 2451 5924	
207	Amit Kumar Mahapatra	Chitta Ranjan Mahapatra	225/94/1	General	Male	8546 1689 2350	
208	Amal Krishna Karmakar	Narayan Chandra Karmakar	731/939/ 1	General	Male	7970 6793 2527	


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BHATPARA MUNICIPALITY
PMAY (HFA- 2022)
BENEFICIARY LIST OF BHATPARA MUNICIPALITY OF WARD NO:-28
FOR THE YEAR - 2016-17
Rahuta (SLUM CODE- 081)

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	General	Gender	UID NO.	Photo
209	Nupur Krishna Saha	Radheshyam Saha	580	General	Male	4196 2840 6917	
210	Anjali Sen	Balaram Sen	877/2	General	Female	2998 0367 0410	
211	Mritunjay Bhattacharya	Dulal Chandra Bhattacharya	136/4/1	General	Male	3896 3272 0265	
212	Nilkantha Roy	Lt. Shyamlal Roy	155/4/16 27/1	General	Male	4864 9304 4690	
213	Baburam Gayen	Bipin Gayen	149/2/16 22	General	Male	9193 3804 5848	
214	Soma Saha	Narayan Saha	902/C/2	General	Female	2287 9400 9226	
215	Sona Sarkar	Debu Sarkar	62/3	General	Male	5367 9743 6071	
216	Lalita Biswas	Ganesh Biswas	165/1	General	Female	4799 1594 6897	
217	Manoj Shil	Lt. Sankar	155/4/16 27	General	Male	3749 2718 6186	










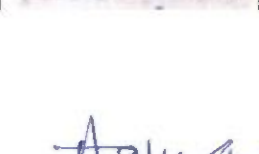

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 Bhatpara Municipality


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 Bhatpara Municipality

218	Suman Biswas	Kumaresh Biswas	891/C/5	General	Male	8594 1259 5663	
219	Goutam Chandra Deb	Lt. Debendra Chandra Deb	185/4	General	Male	8137 9884 8871	
220	Satyabrata Dasgupta	Hiranmoy Dasgupta	902/C/2	General	Male	2650 3517 5698	
221	Khokon Nandi	Rampada Nandi	91/4/160 7	General	Male	5378 1403 4974	
222	Suryadeb Halder	Lt. Sudhir Halder	105/1	General	Male	3387 2868 3042	
223	Milan Halder	Amar Halder	902/C/3	General	Male	7835 7536 4724	
224	Shyamal Swarnakar	Dinabandhu Swarnakar	198/5	General	Male	2597 9977 6151	
225	Parimal Chakraborty	Shyamal Chakraborty	688/5	General	Male	8195 2377 6736	
226	Jhunu Sarkar	Monta Sarkar	956/1	General	Female	6715 9138 8610	
227	Champa Mondal	Rabi Mondal	231	SC	Female	2152 1275 6255	
228	Raghunath Sutradhar	Bijoy Chandra Sutadhar	110/4/20 02	General	Male	5042 5375 2904	













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229	Amita Roy	Tarak Nath Roy	197/4/74 3/7	General	Female	5285 3504 0512	
230	Pushparani Das	Tapan Das	577/4/80 0	SC	Female	8226 1060 1796	
231	Ruma Singh	Ram Singh	1054/3	General	Female	3269 2545 4812	
232	Sadananda Sarkar	Akshay Sarkar	270/4/38 4	General	Male	5169 7772 3525	
233	Biren Das	Lt. Upen Das	19/1/1/1/ 1	SC	Male	6245 5764 3182	
234	Kanu Das	Lt. Gayen Das	205/4	SC	Male	8875 3663 1903	
235	Raju Mukherjee	Netai Mukherjee	158	General	Male	6235 9598 2681	
236	Haridasi Biswas	Lt. Sahadeb Biswas	157/4/10 44	General	Female	9419 3172 6259	
237	Lila Chaudhuri	Lt. Rabindrakishore Chaudhuri	25/4/141 0	General	Female	9363 3173 3351	
238	Bela Golder	Nishikanta Golder	625/4	General	Female	6169 3476 8963	
239	Ashok Karmakar	Lt. Ajit Karmakar	185/3	General	Male	4733 4498 8361	


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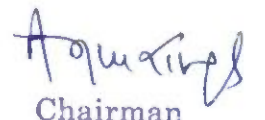

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240	Gita Roy	Lt. Satish Roy	403/13	General	Female	7675 0854 5492	
241	Ashutosh Mondal	Amulya Mondal	228	SC	Male	5347 0120 4429	
242	Sumita Sarkar	Lt. Atul Sarkar	117/4/18 2	General	Female	2473 4448 7522	
243	Tapan Biswas	Bishnupada Biswas	1054/3	General	Male	6272 0262 0818	
244	Narayan Chandra Sil	Lt. Debendra Sil	202/4/97 9	SC	Male	8431 9227 8837	
245	Sona Malakar	Lt. Swapan Malakar	34/4/226	General	Male	6467 7565 7808	
246	Renu Bala Karmakar	Lt. Prahallad Karmakar	273/4/49 5	General	Female	2709 5772 6996	
247	Shobha De	Lt. Bankim De	7/4/1447	General	Female	7115 7034 5504	
248	Santosh Halder	Lt. Shuryakanta Halder	366/4/16 99	General	Male	7287 8493 0077	
249	Sujit Byapari	Lt. Sharat Byapari	217/4/13 73	General	Male	9109 0788 0730	
250	Sujit Biswas	Manmatha Biswas	373/1	General	Male	9548 5384 5416	




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251	Dulal Chandra Atpaharia	Bishwanath Atpaharia	403/17	General	Male	2032 3756 6459	
252	Monalisha Biswas	Sukumar Biswas	1018/2	General	Female	5405 4455 7051	
253	Prabhat Das	Lt. Radhacharan Das	55/4/108 2	SC	Male	8614 2058 1503	
254	Banku Mondal	Tulasi Mondal	706/4/15 62	SC	Male	6562 0348 7734	
255	Krishna Bag	Deb Kumar Bag	820/4/16 41/2	General	Female	9691 4049 2478	
256	Bakul Bala Das	Lt. Shachindra Das	137/4/10 52	SC	Female	5287 6876 7882	
257	Kalachand Paul	Anil Paul	483/2/1	General	Male	3171 5619 3890	
258	Bishwajit Biswas	Bijay Biswas	798/4/80 7	General	Male	9707 7943 6843	
259	Badal Paul	Lt. Shyamacharan Paul	26/4/168	General	Male	5233 6062 4554	





BHATPARA MUNICIPALITY**PMAY (HFA- 2022)****BENEFICIARY LIST OF BHATPARA MUNICIPALITY OF WARD NO:-29****FOR THE YEAR - 2016-17****Hindustan Colony (SLUM CODE- 082) and Milangarh Udyanagar (SLUM Code-083)**

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	General	Gender	UID NO.	Photo
260	Nirmal Mukherjee	Nanigopal Mukherjee	42	General	Male	2137 7148 9311	


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261	Mahadeb Kumar Roy	Lt. Susil Kumar Roy	104	General	Male	8577 5008 6561	
262	Shibupada Debnath	Manmatha Debnath	108/1/55 0	General	Male	8885 9479 8279	
263	Bela Saha	Lt. Umesh Saha	98/1/680	OBC	Female	4409 6135 0025	
264	Sunil Pal	Lalitmohan Pal	108/1/1/1 73	General	Male	9970 3792 3065	
265	Giribala Nath	Lt. Parsha Nath	109/1/10 30	General	Female	9232 1695 5721	
266	Paresh Chandra Sarkar	Lt. Abhay Charan Sarkar	21/1/931/ 2	General	Male	8425 3131 2009	
267	Ramgopal Sarkar	Lt. Priyanath Sarkar	199/1	General	Male	7538 0519 7835	
268	Sudarshan Das	Lt. Jotindra Chandra Das	7/1/376	SC	Male	6835 7651 3923	
269	Dwijadas Saha	Lt. Debandra Saha	86/1/626	OBC	Male	7309 3468 9960	
270	Bapi Ganguly	Lt. Prafulla Ganguly	56/1/110 2	General	Male	7619 1179 7968	
271	Sibu Mondal	Lt. Bijoy Mondal	86/2	SC	Male	3448 0338 9517	


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272	Dhiren Kundu	Lt. Radhabinod Kundu	72/1/568	General	Male	9007 3077 9471	
273	Golapi Halder	Lt. Sudhanshu Halder	120/1/63 8	General	Female	4594 9591 6011	
274	Tarun Das	Lt. Ramesh Chandra Das	80/1/118 7/1	SC	Male	5466 2314 0693	
275	Hasi Gopal Dutta	Pujaniya Dutta	74/1/473	General	Male	7079 6421 5585	
276	Tapas Bandhu Nath	Mani Lal Nath	88/1/271/ 3	General	Male	3015 4595 0918	
277	Pratul Kumar Nath	Monilal Nath	88/1/271/ 1	General	Male	9896 6686 3310	
278	Krishna Roy	Ajit Kr. Roy	26/1/136/ 1	General	Female	6348 3514 7643	
279	Rabi Chanda	Lt. Haripada Chanda	25/1/499	General	Male	4512 9841 0965	
280	Kalachand Das	Lt. Janakinath Das	28/1/188	SC	Male	6396 8151 6787	
281	Subhendu Bhattacharya	Nabendu Bhattacharya	14/2/1	General	Male	5581 1841 4854	
282	Biren Sarkar	Jiten Sarkar	45/1/423/ 15	General	Male	6791 6760 1095	

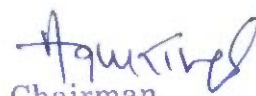

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283	Suman Chakraborty	Barun Chakraborty	35/1	General	Male	3401 3778 8283	
284	Khokon Mondal	Jitendra Mondal	103/1/51 1	SC	Male	4767 0705 4263	
285	Rabindra Nath Biswas	Lt. Jogesh Chandra Biswas	94/1/525/ 1	General	Male	4640 2459 6543	
286	Shikha Das	Sanjay Das	3/1/982/3	SC	Female	4419 2726 2245	
287	Jhantu Mitra	Lt. Kastapada Mitra	16	General	Male	5144 8107 1979	
288	Bhola Roy	Lt. Bimal Roy	60/1/687/ 5	General	Male	5222 5941 4140	
289	Chhaya Karmakar	Deshbandhu Karmakar	45/1/423/ 27	General	Male	3971 4659 8326	
290	Santi Bhusan Debnath	Rajkumar Debnath	92/1/279	General	Male	9272 7703 9408	
291	Jhuma Das	Krishna Chandra Das	98	SC	Female	6641 0453 9192	
292	Gobinda Chandra Paul	Gurupada Paul	111	General	Male	6077 5356 4357	
293	Biswanath Ghosh	Gopal Chandra Ghosh	45/1/425/ 23	General	Male	2374 9132 0895	



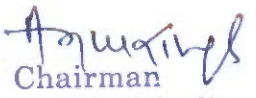
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294	Kamal Sil	Ashwini Kumar Sil	38/1/509	SC	Male	5143 0611 5143	
295	Sabita Sarkar	Bimal Chandra Sarkar	119/1/55 3	General	Female	6269 6103 8317	
296	Sanjib Nandi	Lt. Paresh Nandi	122/1	General	Male	6532 9297 1735	
297	Bidhu Bhusan Barai	Buddiswar Barai	82/1/122 3/1	General	Male	8067 7744 7652	
298	Mithu Majumder	Lt. Amritlal Majumder	56/1/97	General	Female	5692 3931 5826	
299	Chhaya Rani Ghosh	Lt. Parimal Ghosh	47/1/666	General	Female	9335 8235 3333	
300	Prankrishna Bhattacharya	Lt. Manoranjan Bhattacharya	159/1/11	General	Male	3550 3270 9919	
301	Minati Paul	Surendranath Paul	16/1/10/2	General	Female	8962 6062 0871	
302	Subhash Chandra Roy	Lt. Motilal Roy	100/1/60 62	General	Male	2211 6000 7247	
303	Nikhil Debnath	Satish Debnath	63/1/729	General	Male	2459 9198 7138	
304	Sanjay Das	Rameshwar Das	30/1/957	SC	Male	4227 0633 9819	


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305	Gopal Paul	Kalipada Paul	62/1/986	General	Male	6430 4277 5412	
306	Shyamal Roy	Premananda Roy	16/1/8/4	General	Male	3080 6557 8346	
307	Ashalata Sharma	Badal Sharma	92/1/96	General	Female	4946 9157 8455	
308	Sarat Chandra Parida	Lt. Narayan Chandra Parida	64/1/190	General	Male	8163 7749 5532	
309	Amar Gobinda Sharma	Argradip Sharma	113/1/12	General	Male	2598 1463 2953	
310	Nakul Mallick	Ananda Mallick	.9/1	SC	Male	3679 5403 9040	
311	Kusum Rani Bala	Lt. Jitendra Nath Bala	35/1/551	General	Female	2627 8633 0140	
312	Raju Nandi	Bimal Nandi	52/1/1	General	Male	5806 8858 2505	












BHATPARA MUNICIPALITY**PMAY (HFA- 2022)****BENEFICIARY LIST OF BHATPARA MUNICIPALITY OF WARD NO:-31****FOR THE YEAR - 2016-17****Balishkhana (SLUM CODE- 091) and Subhashpur (SLUM CODE- 094)**

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	General	Gender	UID NO.	Photo
313	Anup Kumar Hira	Adhir Kumar Hira	92/2	General	Male	9974 8091 6577	
314	Bhagyadhar Ghosh	Gupi Nath Ghosh	166	General	Male	3801 4734 2980	


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315	Pradip Dey	Manindranath Dey	112/16	General	Male	8148 4746 5655	
316	Sanjib Mondal	Lalmohan Mondal	101/3612	SC	Male	8632 3684 6414	
317	Pranatosh Das	Purna Das	451/3230	SC	Male	5082 5505 8608	
318	Jaydeb Mandal	Chandi Mandal	89/3681	SC	Male	7168 1591 5314	
319	Sabita Prasad	Rajendra Prasad	29/11	General	Female	8030 7226 5564	
320	Sipra Sarkar	Sukumar Sarkar	298/1	General	Female	2572 8520 1528	
321	Aloke Kumar Ghosh	Shyamapada Ghosh	61/2	General	Male	8763 6727 4964	
322	Narayan Chandra Sikdar	Suryakanta Sikdar	7/1217	General	Male	5428 2297 5571	
323	Tanima Ghosh Biswas	Provas Ghosh	170	General	Female	5435 9109 5128	
324	Fakir Ali Mondal	Mahammad Mondal	124	OBC	Male	8020 4497 6277	
325	Tapas Sarkar	Tapan Sarkar	45/1	General	Male	9868 8265 8340	


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326	Pratap Debnath	Madhusudan Debnath	112/5/2/1	General	Male	4548 2825 1392	
327	Laxmi Mahanta	Dilip Mahanta	.8/3771	General	Female	8140 5067 1954	
328	Paban Kumar Paul	Kartick Chandra Paul	481/1/32 48	General	Male	2100 4321 9484	
329	Sankar Singha Roy	Panchanan Singh Roy	.3/2/3	General	Male	4462 8600 5938	
330	Paresh Chandra Mondal	Lt. Shyamsundar Mondal	118/3725	SC	Male	3495 0976 0422	
331	Sankar Paul	Lakshman Paul	18/1245	General	Male	9212 7979 8841	
332	Swantana Debnath	Nemai Debnath	29/7	General	Female	8061 4317 5247	
333	Iman Ali Mondal	Rahimbaks Mondal	135/3033	SC	Male	4581 7814 1040	
334	Ashis Ghosh	Shyamapada Ghosh	61/2852	General	Male	5881 5309 3046	
335	Suvasish Nath	Tushar Kanti Nath	209/1	General	Male	4871 9415 2788	
336	Mantu Adhikari	Manohar Adhikari	450/3256	General	Male	4682 0948 6771	


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337	Abhijit Majumdar	Ratan Majumdar	172/1	General	Male	2607 4088 7485	
338	Anita Karmakar	Pradip Karmakar	112/14	General	Female	9994 3033 0121	
339	Susanta Singha	Prabhas Singha	18/2	General	Male	6108 8628 7906	
340	Malati Sarkar	Harigopal Sarkar	66/3665	General	Female	5442 1985 9368	
341	Laxmi Rani Ghosh	Ananta Kr. Das	199/1433	SC	Female	9835 3664 3124	
342	Sukanta Talukder	Sukumar Talukdr	339/1/3	General	Male	2170 9042 1016	
343	Ranjit Das	Lt. Radhika Mohan Das	200/2372	SC	Male	7885 5401 9692	
344	Gokul Das	Brajendra Das	112/3730	SC	Male	5513 0244 6656	
345	Pratima Sarkar	Sukumar Sarkar	124/1/37 02	General	Female	7731 9522 0568	
346	Sunil Saha	Radharaman Saha	110+ 116/3018	OBC	Male	7585 2402 8727	
347	Pradip Dey	Shambhu Dey	237/1/3	General	Male	8621 7983 2416	


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348	Debojit Banerjee	Bhuban Mohan Banerjee	29/13	General	Male	3599 9872 3437	
349	Anshabati Bala	Nishikanta Bala	29/4	General	Male	6124 3006 1562	
350	Shyamal Karmakar	Madhusudan Karmakar	224/3232	General	Male	9395 7447 0567	
351	Bibhuti Biswas	Lt. Manik Biswas	107	General	Male	8169 8076 8102	
352	Jit Mohan Mahanta	Prahalad Mahanta	23/3782	General	Male	4733 5736 4250	
353	Ashit Kumar Heera	Adhir Kr Heera	92/3698	General	Male	4299 4412 9416	
354	Santi Datta	Pradip Datta	106/2304	General	Female	5939 9775 1398	
355	Pampa Dutta	Sekhar Dutta	238/2/13	General	Female	7700 0995 6403	
356	Pampa Bose	Ashok Kumar Ghosh	28/11	General	Female	2190 6859 1399	
357	Shankari Biswas	Bapi Biswas	112/7	General	Female	5044 0464 13889	
358	Madhusudan Sarkar	Sumantra Sarkar	219/2	General	Male	2430 8415 9795	


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359	Gita Dutta	Asit Dutta	74/1291	General	Female	2511 4149 3738	
360	Bijoy Nath	Surya Nath	255/2(137 0)	General	Male	2579 4087 8567	
361	Ashok Ghungi	Tulsi Ghunji	256	ST	Male	5770 8952 7416	
362	Fulurani Bhowmick	Nilmani Bhowmick	.11/2930	General	Female	3596 7807 5843	
363	Haru Mondal	Nanil Mondal	70/3680	SC	Male	6937 7619 8933	
364	Kartick Bapari	Harihar Bapari	245	General	Male	9024 5828 4331	
365	Jamuna Nath	Sailendra Nath Nath	36/2429	General	Female	2519 0438 2247	
366	Makunti Debi Shaw	Mati Shaw	33/1	OBC	Female	4098 7045 0942	
367	Manojit Talukder	Radharaman Talukder	42/3098	General	Male	9592 8851 0384	
368	Bijay Oraw	Kasor Oraw	182/5	ST	Male	7542 5318 4459	
369	Renu Debi	Shibsankar Sharma	184/7	General	Female	6072 5652 9981	







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370	Gauranga Sarkar	Lt. Kanai Sarkar	34/3645	General	Male	6439 5940 0381	
371	Ganesh Biswas	Aman Biswas	168/1	General	Male	4028 4964 2093	
372	Kanai Lal Das	Lt. Gopal Das	39/1310	SC	Male	4234 1403 2242	
373	Tarun Ghosh	Debendranath Ghosh	202/1	General	Male	2077 8171 3293	
374	Meghnath Ghatak	Kalipada Ghatak	16/2	General	Male	6164 3340 4290	









BHATPARA MUNICIPALITY
PMAY (HFA- 2022)
BENEFICIARY LIST OF BHATPARA MUNICIPALITY OF WARD NO:-32
FOR THE YEAR - 2016-17
Purba Para (SLUM CODE- 101)

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	General	Gender	UID NO.	Photo
375	Kusum Debi	Janaki Shaw	137/4	General	Female	4360 5080 7393	
376	Gita Devi Shaw	Lt. Tarak Shaw	75/22	General	Gender	3713 4720 7888	
377	Kishori Shaw	Yamuna Shaw	148/1434	General	Male	7879 9796 8149	
378	Sunita Yadav	Shyam Yadav	111/6	General	Female	3522 6559 3561	
379	Sunita Prasad	Mukul Prasad	243/4	SC	Female	6862 4332 8712	


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380	Puspa Rajak	Sunil Kumar Rajak	37/1/3	SC	Female	5037 9673 0141	
381	Gobinda Shaw	Dukhi Shaw	174/4	General	Male	8045 3100 0552	
382	Barnali Karmakar	Swapan Karmakar	79	General	Female	5227 2900 1966	
383	Menaka Mondal	Sudhangshu Mondal	222/3	SC	Female	4337 1354 9836	
384	Manoj Hazra	Gururam Hazra	25/1242	General	Female	5442 2495 1897	
385	Saraswati Chowdhury	Raju Chowdhury	101/5	SC	Female	9607 6860 4121	
386	Rabindra Nath Biswas	Jaydeb Biswas	47/1261	General	Male	5393 6435 9814	
387	Rajkumar Shaw	Prasadi Shaw	93/1	General	Male	8659 9244 1602	
388	Naresh Thakur	Mohan Thakur	77/8	SC	Male	3629 0676 4217	
389	Tutul Chatterjee	Dulal Chatterjee	43	General	Male	2898 7258 4759	
390	Gouranga Ch. Chowdhury	Dhirendranath Chowdhury	23	SC	Male	4916 7161 4429	


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391	Ashok Verma	Ramdhani Verma	52	General	Male	8900 3718 5542	
392	Debasis Das	Lt. Gopal Das	24	General	Male	7615 5902 9660	
BHATPARA MUNICIPALITY PMAY (HFA- 2022) BENEFICIARY LIST OF BHATPARA MUNICIPALITY OF WARD NO:-33 FOR THE YEAR - 2016-17 Durga Nagar (SLUM CODE- 102), Jay Chandi Tala (SLUM CODE-105) and Kamar Pukur Dhar (SLUM CODE-106)							
Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	General	Gender	UID NO.	Photo
393	Partha Sharathi Nath	Nani Gopal Nath	28/2419	General	Male	8334 1754 6336	
394	Kalipada Dutta	Lt. Surendra Nath Dutta	19/3174	General	Male	4235 4565 7408	
395	Nilima Chowdhury	Pradip Chowdhury	7/4	General	Female	2195 4474 3228	
396	Anju Guchait	Lakhi Kanta Guchait	80/1877	General	Female	7945 0274 7530	
397	Basanti Niyogi	Nirmal Chandra Niyogi	7/3173	General	Female	2811 0111 7357	
398	Jayashree Paul	Ram Chandra Paul	3/1	General	Female	4442 3300 5314	
399	Chanda Shaw	Ashok Kumar Shaw	181/4/2/1	General	Female	2036 4597 5156	
400	Sandha Das	Rajesh Das	213/2	SC	Female	4867 1205 9869	


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401	Champa Man	Rinku Man	78/11	Se	Female	7010 6413 6031	
402	Sunil Chandra Dey	Surendra Chandra Dey	200	General	Male	9788 1283 0060	
403	Prabhu Shaw	Daso Shaw	127/13	General	Male	4193 0907 9379	
404	Swapna Banerjee	Bachhu Banerjee	53	General	Female	3931 0764 8353	
405	Utpal Ghosh	Parimal Ghosh	177	OBE	Male	2715 2272 1624	
406	Putul Nath	Dulal Chandra Nath	243/17	General	Female	5680 9333 8169	
407	Subrata Dey	Shankar Dey	107/37	General	Male	3166 1176 9734	
408	Namita Shaw	Jagadish Shaw	8/1	General	Female	4779 4924 2652	
409	Chhaya Dhar	Nripen Dhar	165/7	General	Female	3155 7167 0570	
410	Sona Debi	Jalu Mondal	107/53	General	Female	9328 8054 0917	
411	Dilip Saha	Haripada Saha	44/4497	General	Male	8823 0747 0664	













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412	Shyamal Haldar	Nimai Haldar	161/2	Sc	Male	8019 5053 4902	
413	Nishikanta Sheet	Dina Bandhu Sheet	13/1773	Sc	Male	9150 9012 8525	
414	Bishu Debnath	Indra Bhusan Debnath	119	General	Male	5028 7865 5641	
415	Kashi Nath Dandapath	Kanilal Dandapath	77/1	General	Male	2407 9551 5130	
416	Purnima Singh Das	Saroj Singh	165/6	Sc	Female	4941 4224 9152	
417	Suranjan Karmakar	Baidhyanath Karmakar	26/4	Sc	Male	8254 4032 2815	
418	Menaka Ghosh	Lt. Gopal Ghosh	263/1	OBC	Female	9920 9107 1992	
419	Basana Paul	Sunil Paul	161/3	General	Female	3919 3244 2633	
420	Naru Gapal Mondal	Nanda Kumar Mondal	22	Sc	Male	2778 2156 3619	
421	Tapan Kumar Mukherjee	Haripada Mukherjee	11/2	General	Male	9245 4936 0909	
422	Jhuma Das	Sankar Das	67/1	Sc	Female	2737 4156 3538	


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423	Subhasish Dasgupta	Sunil Dasgupta	25/3	General	Male	4036 3282 6262	
424	Alok Samaddar	Santosh Samaddar	36/2300	Se	Male	6874 4852 1596	
425	Bina Das	Yudishthir Das	72	Se	Female	5343 9243 9391	
426	Shyamal Kundu	Charupada Kundu	107/1	General	Male	8166 6014 1061	
427	Malati Chakraborty	Lt. Kalipada Chakraborty	98/1516	General	Female	9547 5038 0131	
428	Aparna Dey	Sridam Dey	181/1/1	General	Female	8986 6865 0284	
429	Sunil Debnath	Sahadeb Debnath	28	General	Male	3454 7464 9664	
430	Ram Prasad Das	Krishnapada Das	16/2157	Se	Male	9271 4985 8428	
431	Pratima Ghosh	Mritunjoy Ghosh	57/4447	Orbe	Female	4201 1363 9000	
432	Haran Mandal	Mani Mohan Mandal	44/1511	Se	Male	7958 3780 8041	
433	Asha Biswas	Lt. Sushil Biswas	99/2741	Se	Female	6796 0552 6598	


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434	Kalipada Nath	Anil Nath	35/1	General	Male	6127 9417 6612	
435	Ashok Sarkar	Anil Sarkar	200	General	Male	9441 7049 2734	
436	Dilip Seal	Denesh Chandra Seal	5/3547	ST	Male	4739 2028 7092	
437	Madhumangal Debnath	Mahendra Debnath	155/1638	General	Male	2941 8325 0247	
438	Jagannath Adhikary	Susil Adhikary	20	General	Male	3329 0789 2051	
439	Chabi Dasgupta	Sambhu Dasgupta	114/2/1/1	General	Female	7484 0394 5184	
440	Bapi Debnath	Sudhir Debnath	161/6	General	Male	5886 3373 5508	
441	Bharat Santra	Nirapada Santra	14/1745	ST	Male	5563 2606 7048	
442	Ananda Karmakar	Lakshman karmakar	105/1588	Se	Male	3533 3118 7797	
443	Chandan Roy	Shambhu Roy	43/1951	Se	Male	9482 9987 1464	
444	Goutam Adhikary	Krishnapada Adhikary	160/3/3	General	Male	4040 4289 3216	


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445	Nemai Halder	Lt. Jatin Halder	70/1866	Sc	Male	9100 4658 2695	
446	Timir Baran Dey	Khatra Mohan Dey	71/42200	General	Male	2191 3450 1553	
447	Menaka Karmakar	Baidyanath Karmakar	26/3	Sc	Female	9866 0198 2619	
448	Anita Rani Roy	Lt. Murari Mohan Pramanic	14/2150	Sc	Female	3674 0770 3599	
449	Tapan Saha	Rameswar Saha	17/1	General	Male	9345 9083 7075	
450	Devendra Kumar Shaw	Ram Bilas Shaw	38/2	General	Male	7722 5717 1917	
451	Mira Patra	Tapas Patra	83/3	General	Female	6137 2837 1566	
452	Siddhartha Kumar Singh	Motilal Singh	181/4/1/2	General	Male	4123 4594 4809	
453	Uttam Das	Lakshmi Kanta Das	72/2228	Sc	Male	6007 6969 3338	
454	Tulshi Das	Rabin Das	130/1848	Sc	Male	3128 0205 5579	
455	Somnath Dutta	Pravakar Dutta	110+111+ 112/5	General	Male	2017 5559 0588	


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456	Alpana Sharma	Ranjit Sharma	172/6	General	Female	8306 9379 0994	
457	Shyamlal Shaw	Kishun Shaw	181/4/1/1 /3	General	Male	2821 5442 6565	
458	Shyamal Nath	Bhagirath Nath	58/4458	General	Male	6982 5652 4605	
459	Ratan Ghosh	Bishtu Ghosh	263/1784	OBC	Male	6519 4862 5346	
460	Sabita Debnath	Haripada Debnath	112/7	General	Female	2836 7104 6266	
461	Sadhan Chandra Pal	Lt. Hira Lal Pal	76/4449	General	Male	5011 6801 6994	
462	Ratan Saha	Lt. Narayan Saha	149/2279	General	Male	3926 3183 5931	
463	Saraswati Koiri	Gobinda Koiri	213/1	General	Female	4505 3763 8039	
464	Apurba Pal	Manoranjan Pal	51/2593	General	Male	7047 3605 3742	
465	Arup Kumar Sinha	Sushil Sinha	38/1659	General	Male	9379 8504 6656	
466	Tarapada Das	Lt. Makhan Chandra Rui Das	32/1	Sc	Male	5117 1303 3546	

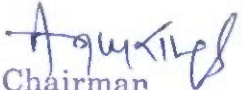

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467	Gopal Chatterjee	Shib Kumar Chatterjee	52/1590	General	Male	6371 9002 4326	
468	Santana Pal	Ratan Pal	3/2661	General	Female	9710 3307 1784	
469	Shyamali Kundu	Raj Kumar Kundu	71/5	General	Female	5116 7030 4470	
470	Champa Ganguly	Basudeb Ganguly	65/3842	General	Female	5636 5512 4454	
471	Raja Paul	Ram Chandra Paul	4/1	General	Male	3548 9417 2497	
472	Aruna Rajbanshi	Nimai Rajbanshi	20/7	Se	Female	9957 7752 3935	
473	Rabi Nag	Santosh Nag	6/2696	General	Male	2156 9031 1167	
474	Sridebi Majumder	Surajit Majumder	233/16	Se	Female	2000 3058 3590	
475	Kesta Chandra Pal	Goura Chandra Pal	161/4	General	Male	2941 1824 5333	
476	Kalipada Dey	Naresh Chandra Dey	54	General	Male	5430 3925 0386	
477	Saraswati Kundu	Krishna Kundu	118	General	Female	5399 5396 6509	


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478	Krishna Dey	Shambhu Dey	129/2265	General	Female	4984 0331 2135	
479	Shantilata Bose	Sudhir Chandra Bose	25/3569	General	Female	4065 7787 7338	
480	Bikash Mondal	Suchitra Mandal	80/2226	Sc	Male	6588 1754 0821	
481	Dilip Das	Fakir Das	3/3170	Sc	Male	9179 5548 4102	
482	Shibani Acharjee	Dipen Acharjee	4/18	General	Female	2687 6428 2327	
483	Bhim Halder	Nabokumar Halder	21/1482	Sc	Male	4098 2902 6358	
484	Parimal Barui	Haladhar Barui	107/1/2/1	Sc	Male	4191 4382 5983	
485	Jiten Das	Manoranjana Das	38	Sc	Male	5850 6494 4531	
486	Babul Saha	Raghu Nath Saha	33/5	General	Male	2097 3292 2638	
487	Baida Debnath	Haripada Debnath	160/3/3/1	General	Male	9206 3329 2553	
488	Biswajit Dey	Kalipada Dey	138/5/10	General	Male	3747 5608 1981	


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489	Lakshmi Mitra	Madan Mitra	71/1	General	Female	5478 2945 2481	
490	Subhash Halder	Satish Halder	188	Se	Male	8980 2282 6854	
491	Bijay Nath	Sachin Nath	233/14	General	Male	3401 7433 8451	
492	Gour Pada Mondal	Nakul Chandra Mondal	243/18/3	General	Male	8474 0089 4340	
493	Shikha Sen	Dipak Sen	30/3881	General	Male	8115 9284 5637	
494	Lakshman Halder	Shyamapada Halder	11/1	Se	Male	9979 6924 4475	
495	Nemai Das	Kartick Das	53/3	Se	Male	3894 3905 3201	
496	Anita Das	Narayan Chandra Das	77/30	Se	Female	5359 4042 3613	
497	Gajendra Shaw	Sewnath Shaw	148/8/1+ 148/9	General	Male	5941 1369 6759	
498	Tumpa Das	Sekhar Das	25/3/1	Se	Female	2105 4760 3847	
499	Sabita Karmakar	Ratan Karmakar	53/4465	Se	Female	8824 4327 2700	


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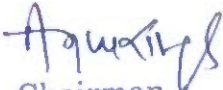
500	Krishna Das	Sunil Das	38/149	Se	Female	7434 4805 6901	
501	Ranjit Saha	Bishtupada Saha	62/4285	General	Male	9322 9240 7823	
502	Shankar Das	Kartick Das	53/1	Se	Male	5168 0473 0008	
503	Nandit Saha	Tarak Chandra Saha	89/2	General	Female	5516 5246 3906	
504	Biswajit Das	Swapan Das	137/13	Se	Male	4006 6276 6333	
505	Maya Pal	Lt. Haru Chandra Paul	11	General	Female	6912 1556 9955	
506	Debashis Dutta	Debabrata Dutta	23/6	General	Male	2667 8847 0326	
507	Bandana Nandi	Bijay Nandi	45/1498	General	Female	5681 5309 6864	
508	Bina Das	Gouranga Das	67	Se	Female	9677 2456 3092	

BHATPARA MUNICIPALITY**PMAY (HFA- 2022)****BENEFICIARY LIST OF BHATPARA MUNICIPALITY OF WARD NO:-34****FOR THE YEAR - 2016-17****Badam Tala Milan Pally (SLUM CODE- 110) and Manasha Colony (SLUM CODE-114)**

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	General	Gender	UID NO.	Photo
509	Paritosh Sarkar	Prafulla Sarkar	192/1	General	Male	7517 2293 9302	


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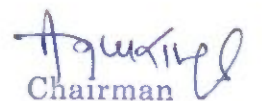

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510	Jaya Prakash Shaw	Ganga Bishnu Shaw	214/2	General	Male	2999 1187 5231	
511	Ajay Halder	Ashoke Halder	323/29	General	Male	5030 4473 4284	
512	Sunil Kumar Shaw	Sarju Shaw	274/5/1	Se	Male	4219 5280 5677	
513	Biswajit Karmakar	Jiten Karmakar	96/14	Se	Male	9004 7189 1786	
514	Alpana Sen	Sukhen Sen	26/1	General	Female	5049 6671 6988	
515	Md. Mastaq Ansari	Md. Yaqub Ansari	29/1857	OBC	Male	4656 9435 7461	
516	Tumpa Saha	Ashish Saha	118/1	General	Female	8565 2646 0408	
517	Papiya Chatterjee	Subir Chatterjee	108/1	General	Female	8868 4337 0952	
518	Dasirani Saha	Lt. Surja Kanta Saha	345/1516	General	Female	9164 1527 6545	
519	Mahadeb Mondal	Dasharath Mondal	157/1631	Se	Male	6483 8885 3739	
520	Biswanath Dey	Santosh Dey	27/1	General	Male	3537 1135 8764	














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521	Saila Halder	Bhola Halder	19/639	Se	Male	5234 3784 2858	
522	Dinesh Das	Kanai Das	408	Se	Male	6469 9450 9588	
523	Dilip Kumar Dey	Paresh Chandra Dey	104/1	General	Male	8908 3922 2275	
524	Ganesh Malik	Nakul Chandra Malik	31/7	General	Male	9096 0936 7609	
525	Ranubala Halder	Gurupada Halder	11	Se	Female	5480 7372 2175	
526	Manju Mondal	Susanta Mondal	103/1	Se	Female	2409 9575 0400	
527	Sankar Kumar Bag	Ram Pada Bag	223/1	Se	Male	6320 4390 4644	
528	Khokan Halder	BholaNath Halder	43/1	Se	Male	9544 2282 6112	
529	Lakshmi Patra	Samir Patra	95/1758	General	Female	8318 6448 5162	
530	Gobinda Mandal	Gopal Mandal	181	Se	Male	6704 7825 3106	
531	Suma Devi	Sakaldeo RabiDas	48/8	General	Female	7952 5742 7709	













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532	Paresh Pal	Dejen Pal	61	General	Male	5523 2305 2069	
533	Santosh Sarkar	Sudhir Sarkar	122/3	General	Male	9605 6265 3674	
534	Nilmoni Guha	Nityaranjan Guha	28/1183	General	Male	5454 0022 7199	
535	Subal Ghosh	Kartik Ghosh	76/4599/ 22	OBC	Male	8019 0816 3272	
536	Amiya Halder	Ashoke Halder	332/29	Sc	Male	3735 4739 7836	
537	Monika Das	Swapan Das	42/3751/ 1	Sc	Female	4283 0174 0186	
538	Gita Pandit	Sukumar Pandit	79	General	Female	9327 3938 7291	
539	Shanti Sarkar	Vivekananda Sarkar	63	General	Female	3845 7350 4227	
540	Tapan Shikdar	Surojit Sikdar	321/1	Sc	Male	3132 4056 2215	
541	Bikash Sarkar	Phanindra Chandra Sarkar	139/1	General	Male	7999 3146 2862	
542	Abhijit Chandra	Abinash Chandra	374/1563	General	Male	2264 4269 6534	


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543	Gour Sarkar	Prem Lal Sarkar	96/27	General	Male	2389 1082 0466	
544	Baloy Sharma	Smriti Kanta Sharma	132/2	General	Male	2702 1443 3823	
545	Madhab Karmakar	Surendra Karmakar	36/732	Se	Male	7416 0637 1117	
546	Bidyut Das	Narayan Das	237/2	Se	Male	2738 4326 8638	
547	Uttam Halder	Anukul Halder	19	Se	Male	4815 8267 3817	
548	Pintu Bhattacharjee	Prashanta Bhattacharjee	57/11	General	Male	4416 2138 3350	
549	Munni Ray	Anup Kumar Ray	54	Se	Female	7684 2696 5057	
550	Sankar Ghosh	Becharam Ghosh	15/644	OBC	Male	3998 3861 1407	
551	Sumita Santra	Mangal Santra	127	ST	Female	2461 4227 1179	
552	Anil Patra	Dayal Patra	52	General	Male	3953 7598 8444	
553	Harish Chandra Ghosh	Harendra Nath Ghosh	106/142	OBC	Male	3126 0875 4450	













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554	Shymal Das	Jogesh Das	15/1848	Se	Male	9517 7446 1794	
555	Malina Ghosh	Lt. Gopal Ghosh	10	OBC	Female	6894 3429 8382	
556	Manorajan Sarkar	Abinash Sarkar	99/1075	General	Male	6263 5834 1792	
557	Subhash Kumar Das	Amrit Kumar Das	138/2	Se	Male	9146 7834 7639	
558	Biswnath Baidya	Brajendra Baidya	319/1	Se	Male	6010 5465 9147	
559	Renu Bala Bag	Paban Bag	116/1952	Se	Female	6103 4107 0868	
560	Sundari Nath	Gopal Nath	30/3617	General	Female	8006 4398 4787	
561	Dilip Karmakar	Surendra Nath Karmakar	6/1	Se	Male	6858 3924 2799	
562	Subir Dey Majumdar	Narendra Nath Dey Majumdar	4/1158	General	Male	8623 2363 0602	
563	Kalpana Roy Chowdhury	Anil Roy Chowdhury	102	General	Female	9759 7873 6958	
564	Niva Koner	Monoj Koner	211/2	General	Female	4286 3729 8605	

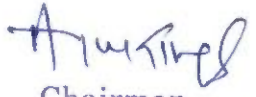

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565	Sanjib Sarkar	Santosh Sarkar	138	General	Male	3174 2403 5417	
566	Bimal Chandra Payal	Kanai Payal	105/187	General	Male	7697 4479 9504	
567	Maya Mallick	Rabin Mallick	109/2	Se	Female	2449 5751 2984	
568	Biswanath Das	Brajabanshi Das	274/7/1	Se	Male	5871 9028 7454	
569	Haridas Mondal	Harilal Mondal	179/1613	Se	Male	6565 3161 1140	
570	Dipak Kanti Debnath	Tushar Kanti Debnath	148/1/3	General	Male	7483 8545 2353	
571	Gopal Paul	Amulya Paul	279/1805	General	Male	8284 6947 1585	
572	Nilratan Mondal	Late Narayan Mondal	66/3	Se	Male	5909 3639 9849	
573	Dulal Chakraborty	Banmali Chakraborty	22/1867	General	Male	6252 3956 1817	
574	Menaka Guchait	Dheran Guchait	228/1752	General	Female	2546 3806 6445	
575	Kartik Poddar	Surendra Poddar	35/1851	General	Male	7293 9547 8177	


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576	Ajit Das	Tarakeswar Das	21/753/2	Sc	Male	6146 9166 6245	
577	Ranjit Das	Manamohan Das	230/844	Sc	Male	4280 9306 6278	
578	Manoj Karmakar	Proval Karmakar	81/1	Sc	Male	9237 3105 9842	
579	Sabitri Kole	Ajit Kole	20	General	Female	8691 6210 1523	
580	Ranjit Dhara	Prabhas Chandra Dhara	28/643	General	Male	9014 1662 1605	
581	Anna Sarkar	Ganesh Sarkar	73	General	Female	6976 9512 7935	
582	Gurupada Sarkar	Purna Chandra Sarkar	163/1624	General	Male	2511 5856 4510	
583	Shibu Dey	Nibarn Chandra Dey	49/938	General	Male	4089 3837 2068	
584	Raykumar Mondal	Ganga Chandra Mondal	62/871	Sc	Male	4021 0737 0530	
585	Saraswati Singh	Ayoudh Singh	136/1930	General	Female	5740 4714 5751	
586	Narayan Chandra Das	Hemanta Das	425/2	Sc	Male	8924 0562 3259	


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587	Amal Das	Fakir Chandra Das	409	Sc	Male	5101 9575 1757	
588	Joyjit Singh	Gokul Singh	241/1/1/3	General	Male	2234 0570 9144	
589	Dipali Ghosh	Manik Ghosh	58/3	OBC	Female	9735 7378 4592	
590	Anil Payal	Late Balai Payal	103/1869	General	Male	2239 7113 5402	
591	Archana Sil	Manoranjan Sil	175/1	ST	Female	5096 6562 4232	
592	Zarina Bibi	Jamatali Zarina	139/984	General	Female	6306 8231 3003	
593	Nitai Lal Bakshi	Jatindra Nath Bakshi	330/1505	General	Male	2360 6053 8879	
594	Samar Nandi	Anath Bandhu Nandi	44/735	General	Male	7365 6797 7413	
595	Swapan Bhakta	Nitai Bhakta	281/906	Sc	Male	7168 8642 3326	
596	Shyamal Payal	Amulyya Payal	122/1898	General	Male	4555 7023 1590	
597	Usha Debi	Shiu Kumar Shaw	241/1	General	Female	9179 5818 8963	


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598	Palan Sarkar	Narendra Sarkar	21/1	General	Male	6794 0228 7895	
599	Ananda Kumar Das	Banikanta Das	39	Se	Male	2149 3329 2465	
600	Nemai Bag	Ram Pada Bag	223/2	Se	Male	5102 9435 2410	
601	Arabinda Mondal	Suren Mondal	276/1667	Se	Male	3606 0344 3034	
602	Tarapada Das	Surendra Nath Das	269	Se	Male	5207 8139 5532	
603	Dinesh Mondal	Surendra Mondal	244/1686	Se	Male	8145 6514 3640	
604	Nemai Chandra Payal	Balai Payal	103/1869	General	Male	8441 2902 2090	
605	Sunil Mondal	Haripada Mondal	61	Se	Male	2222 1397 7396	
606	Pratima Dutta	Haralal Biswas	256/1966	General	Female	3743 8884 7879	
607	Biswanath Halder	Jogoesh Halder	266/1	Se	Male	5973 3135 8619	
608	Rupa Dey	Sankar Dey	145/10	General	Female	5439 4571 5639	


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609	Madan Sarkar	Jitendra Nath Sarkar	37	General	Male	7767 4664 3436	
610	Bharati Hambir	Shambhu Hambir	92	General	Female	4597 4580 8067	
611	Nakul Dey	Adhir Dey	268/1	General	Male	7880 3203 8680	
612	Golak Nath	Bijay Nath	74/3708	General	Male	8834 2602 3335	
613	Swapna Dey	Panchu Dey	53/1	General	Female	2484 4399 7024	
614	Swagata Mukherjee	Sukanta Mukherjee	55	General	Female	7234 3707 1223	
615	Maya Singh	Lt. Arjun Singh	277	General	Female	3550 1429 7939	
616	Rekha Pal	Ramsankar Pal	260/1	General	Female	7836 9662 7619	
617	Nishit Sarkar	Khitish Chandra Sarkar	428/1582	General	Male	9925 3262 4985	
618	Parul Das	Lt. Sudhir Kumar Das	249/108	Sc	Female	7336 2558 7110	
619	Sankar Debnath	Manik Debnath	285	General	Male	7768 2796 7336	


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620	Sandip Roychowdhury	Sameir Roychowdhury	87/1	General	Male	4277 7830 9409	
621	Dipak Kumar Verma	Raj Kumar Verma	282/5	General	Male	6371 3227 3997	
622	Malay Bhowmick	Joygopal Bhowmick	20+21	General	Male	4007 9727 0874	


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