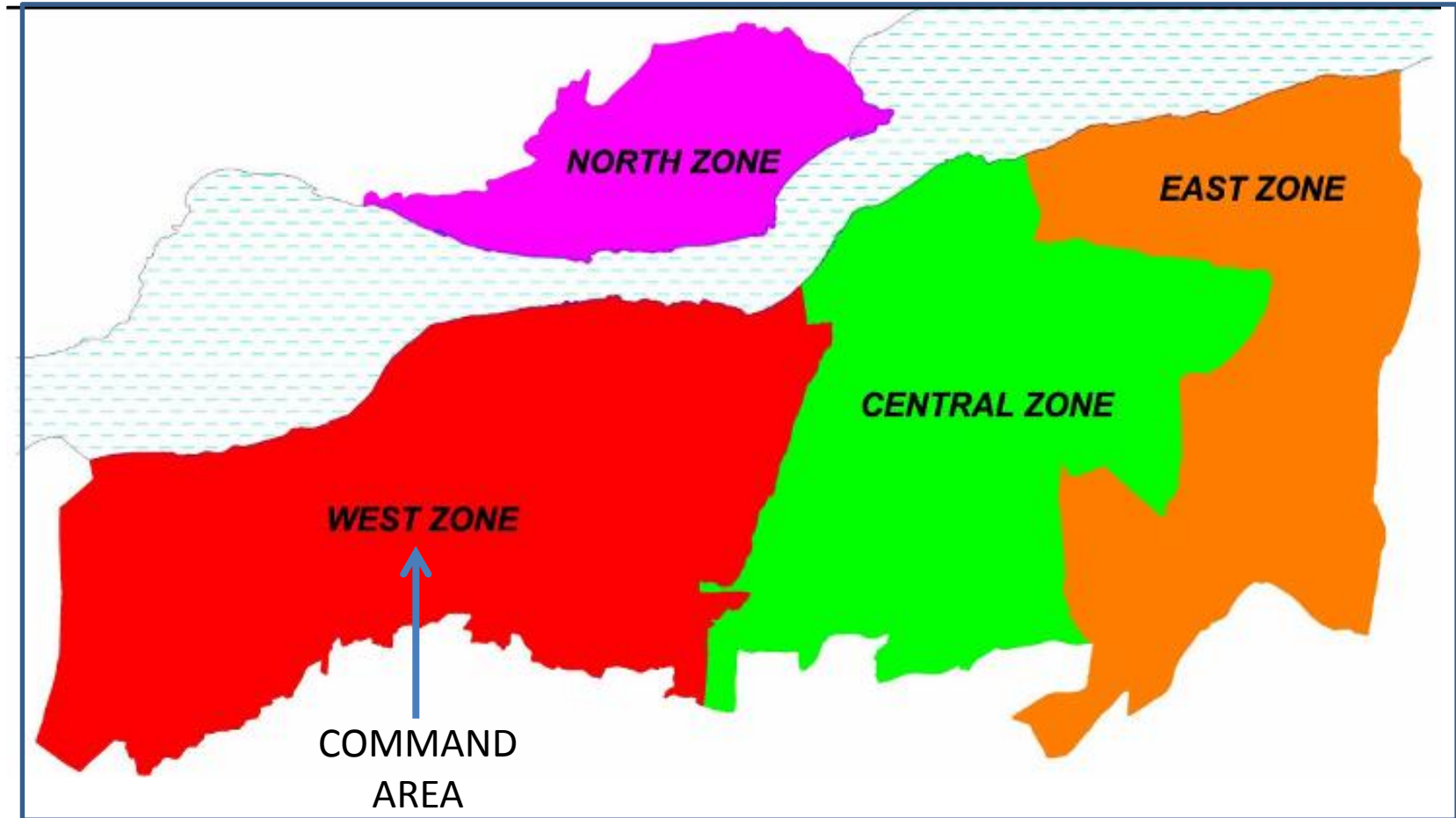




**SOUTH GUWAHATI WEST
WATER SUPPLY PROJECT**

SOUTH GUWAHATI WEST WATER SUPPLY PROJECT

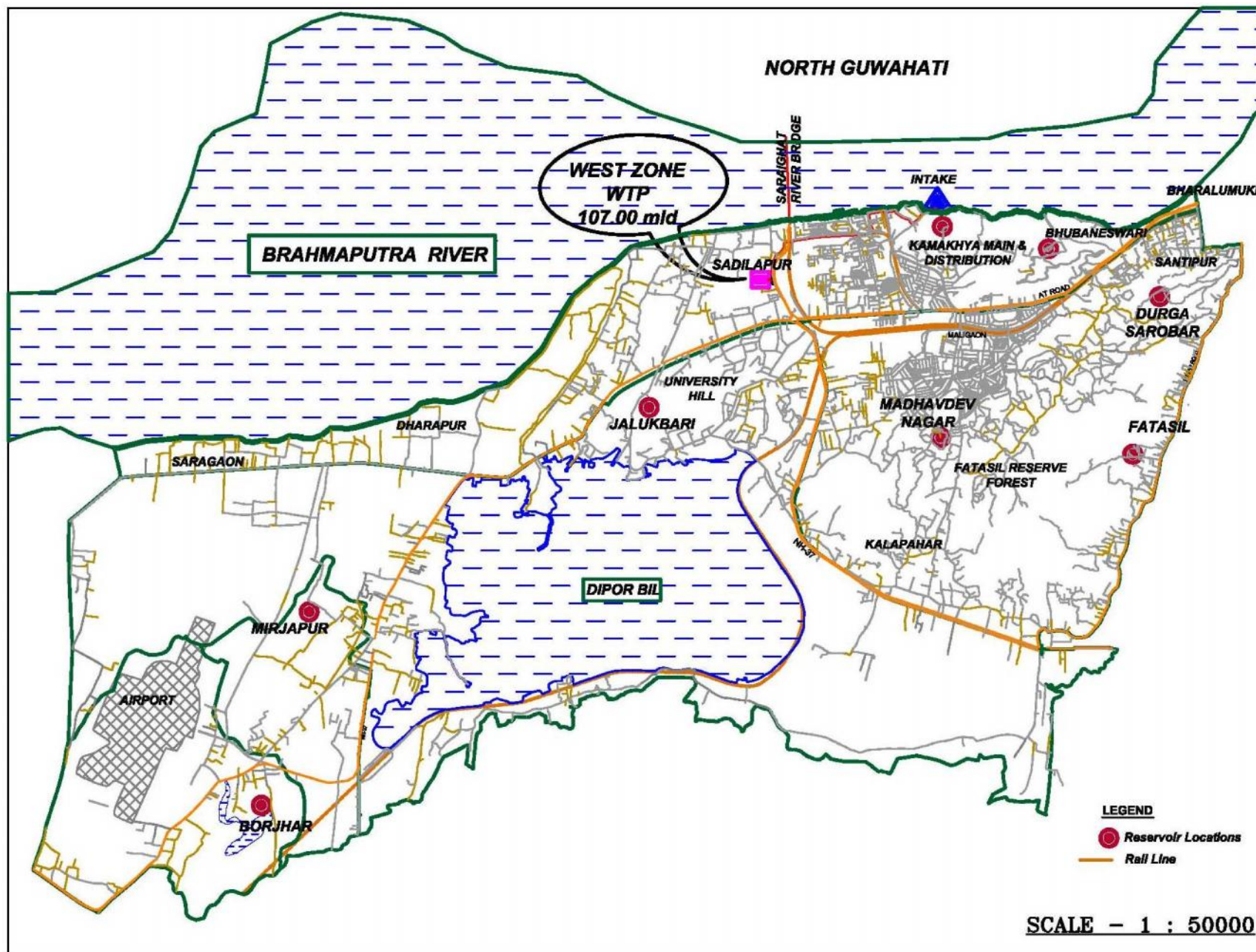
Water Supply Zones of Guwahati City



**SOUTH GUWAHATI WEST
WATER SUPPLY PROJECT**



PROJECT AREA- SOUTH GUWAHATI WEST WATER SUPPLY



Project Chronology of South Guwahati West Water Supply Project

- The first DPR was submitted to Ministry of Urban Development (MoUD) for clearance under the JnNURM programme in December 2007 for an amount of Rs. 398.48 Crores
- Due to shortage of funds under the JnNURM programme, the Ministry of Urban Development (MoUD), Govt of India, cleared the project for a cost of Rs. 280.94 Crores in 2008. Some of the vital items were removed at the time of sanctioning of the DPR
- The project was awarded to M/S Gammon India Limited, a leading national construction company in India, on Turn Key basis.
- The Project Management Consultant (PMC) for this project is M/s. Tahal Consulting Engineers Ltd.

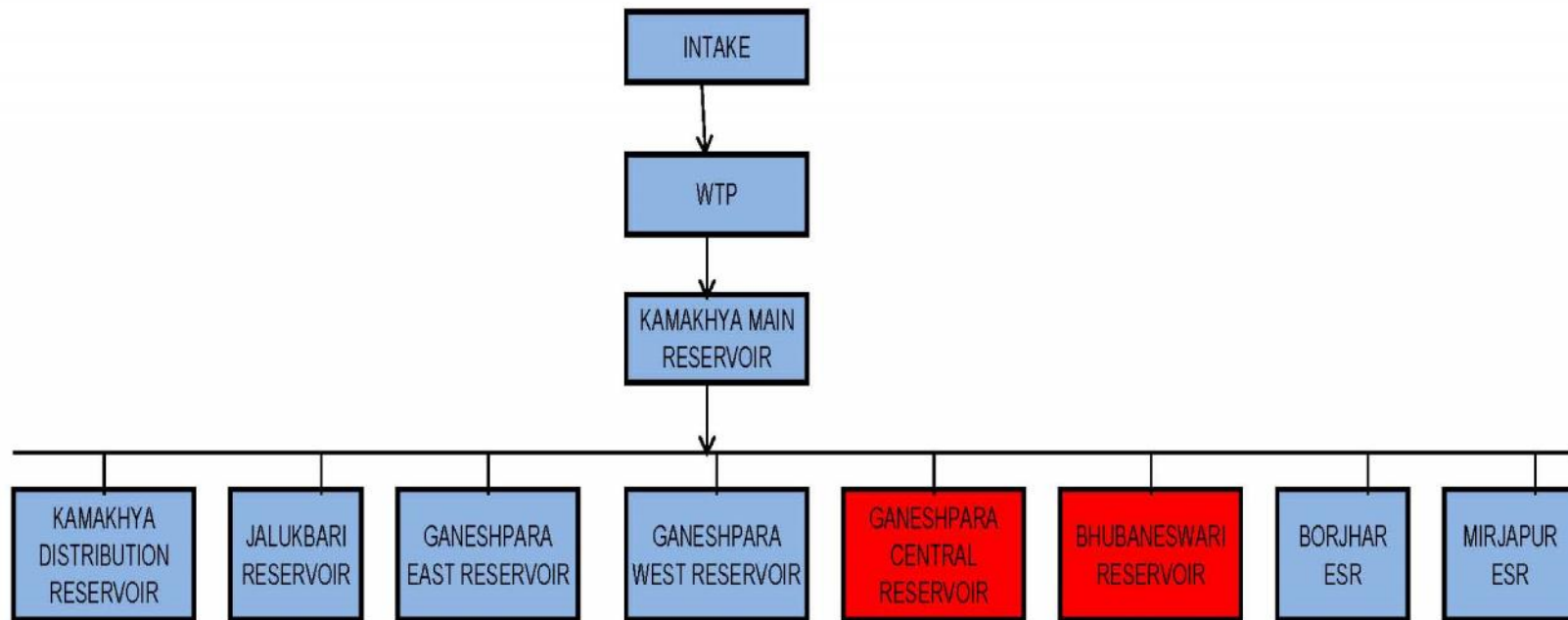
Project Data Sheet

SOUTH GUWAHATI WEST WATER SUPPLY PROJECT



Brief information about the SGWWS Project			
1	Name of Work	Design and Construction of 107 MLD Capacity Potable Water Supply Project on Turnkey basis for Guwahati city (South Guwahati Western Part)	
2	Funding Agency	Jawaharlal Nehru National Urban Renewal Mission	
3	Executing Agency	Guwahati Metropolitan Development Authority (GMDA)	
4	Executing Contractor	M/s Gammon India Limited	
5	Project Management Consultant	M/s TAHAL Consulting Engineers Limited.	
6	Revised Administrative Approval	Rs. 389.53 crores	
7	Sharing Pattern	90 (Central) : 10 (State) on Original Project Sanction Amount of Rs. 280.94 crores	
8	Date of Commencement of work	18-03-2009	
9	Command Area of the Project	100.95 Sq.Km	
10	Population Covered & Water Demand (considering per capita supply 135 lpcd)	Population (in lakhs)	Water Demand (in MLD)
	Year	2017	83
		2025	107
		2040	170

KEY PLAN

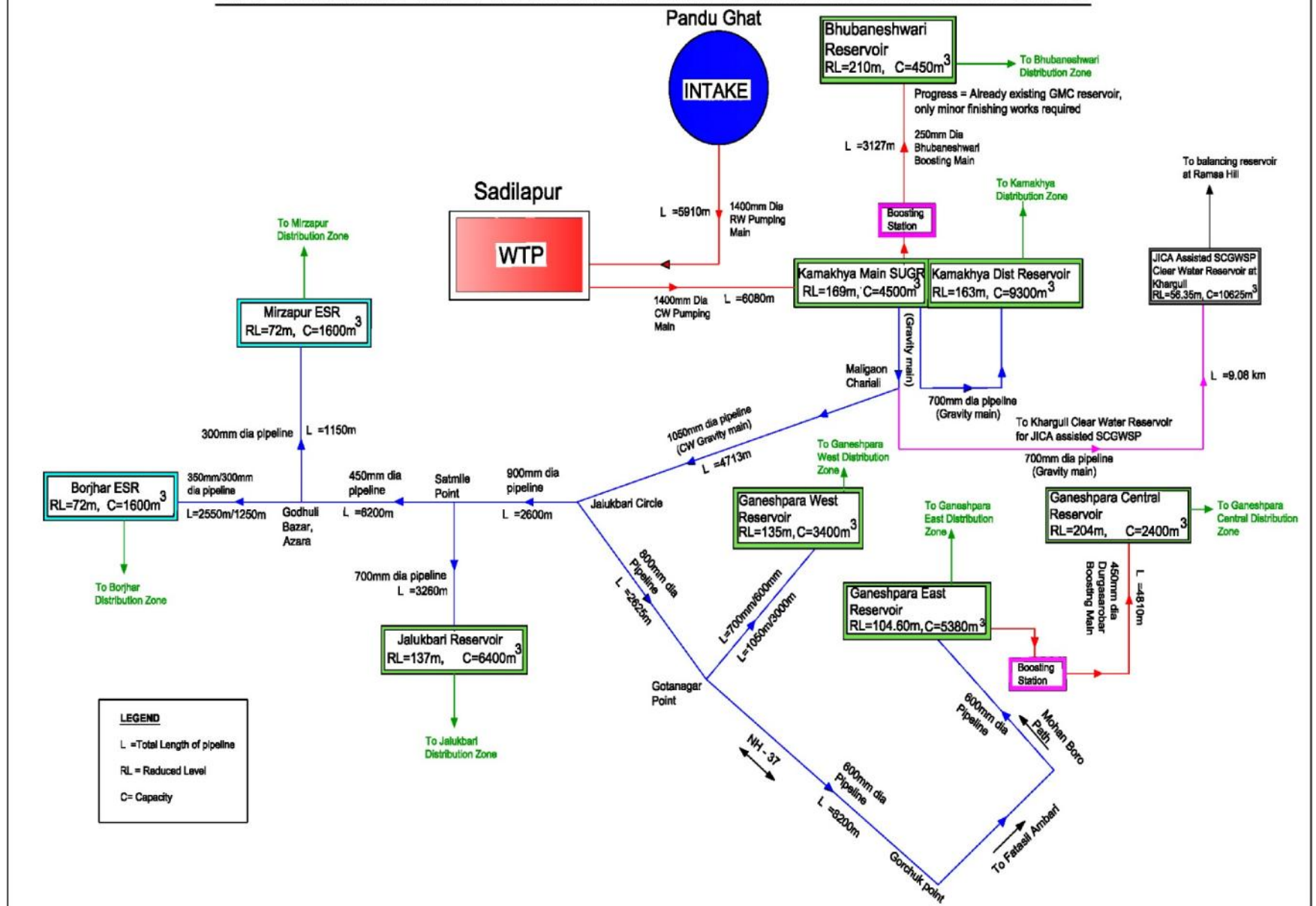


- The Reservoirs in RED are at higher level so clear water is to be conveyed through Boosting Station

SOUTH GUWAHATI WEST WATER SUPPLY PROJECT



SOUTH GUWAHATI WEST WATER SUPPLY PROJECT - MAP SHOWING THE FLOW DIAGRAM IN BETWEEN DIFFERENT UNITS



Major Project Components & upto date Progress of the entire Project

Sl no	Description of work	Quantity		
1	Intake well	3 (Three) nos		
2	Pre Settling Tank	8 (Eight) Beds		
3	Water Treatment Plant	107 MLD (2 Modules of 53.5 MLD each)		
4	Semi Underground Reservoir (Capacity)	7 nos (4.5 to 93 lakhs litre capacity)		
5	Elevated Service Reservoir (Capacity)	2 nos		
		(16 lakhs litre capacity each)		
6	Pipe Network	Total Length (Km)	Laid Length (Km)	Balance Length (Km)
	- RWPM	6.06	5.86	0.20
	- CWPM	6.08	6.08	0.00
	- Primary Grid	41.9	35.53	6.37
	- Distribution Network	423.54	368.06	55.48
7	Monitoring System WIMS (Water Infrastructure Management System)	1 nos		
8	Present status of the project	94% physical progress has been achieved so far .		

INTAKE WELLS



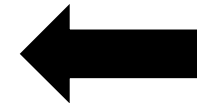
**SOUTH GUWAHATI WEST
WATER SUPPLY PROJECT**



WATER TREATMENT PLANT AT SADILAPUR



**SOUTH GUWAHATI WEST
WATER SUPPLY PROJECT**



KAMAKHYA MAIN SUGR
(Cap: 45 Lakh litres)

KAMAKHYA DISTRIBUTION SUGR
(Cap: 93 Lakh litres)



**SOUTH GUWAHATI WEST
WATER SUPPLY PROJECT**



JALUKBARI SUGR
(Cap: 64 Lakh litres)



GANESHPARA CENTRAL (DURGASAROBAR) SUGR
(Cap: 27 Lakh litres)



GANESHPARA WEST (MADHABDEV NAGAR) SUGR
(Cap: 34 Lakh litres)



GANESHPARA EAST (FATASIL) SUGR
(Cap: 53.8 Lakh litres)

**SOUTH GUWAHATI WEST
WATER SUPPLY PROJECT**



ELEVATED SERVICE RESERVOIR OF CAPACITY 16 LACS LITRES EACH AT
BORJHAR & MIRZAPUR.

**SOUTH GUWAHATI WEST
WATER SUPPLY PROJECT**



SAMPLE PIPE LAYING / VALVE INSTALLATION