

Executive Engineer, Rural Drinking Water Supply and Sanitation

SL	Points	SUBSTAT Latitude
1	J1	12.291051°
2	J2	12.291222°
3	J3	12.291132°
4	J4	12.291369°
5	J5	12.291201°
6	J6	12.291021°
7	J7	12.290948°
8		12.291308°
LAT		VIM DIA MS P RICAL TRANS
SL	Points	Latitude
1	R1	12.291372°
2 3	R2 R3	12.291582° 12.291609°
4	R4	12.291633°
5	R5	12.291572°
6	R6	12.291619°
7 8	R7 R8	12.291637° 12.291702°
9	R9	12.291762 12.291757°
10	R10	12.291933°
11	R11	12.292451°
12 13	R12 R13	12.292960° 12.293187°
13 14	R14	12.293187 12.293888°
15	R15	12.294103°
16	R16	12.294671°
17 18	R17 R18	12.295859° 12.296043°
19	R19	12.296352°
20	R20	12.296740°
21	R21	12.297097°
22 23	R22 R23	12.297613° 12.298008°
24	R24	12.298425°
25	R25	12.299048°
26	R26	12.299554°
27 28	R27 R28	12.301052° 12.301823°
29	R29	12.301823 12.302249°
30	R30	12.302629°
31	R31	12.303043°
32 33	R32 R33	12.303482° 12.303898°
34	R34	12.304169°
35	R35	12.304314°
36	R36	12.305027°
37 38	R37 R38	12.305318° 12.305738°
39	R39	12.306232°
40	R40	12.306800°
41 42	R41 R42	12.307413° 12.307623°
42 43	R42	12.307826°
44	R44	12.308264°
45	R45	12.308352°
46 47	R46 R47	12.308384° 12.308117°
47 48	R47 R48	12.308117° 12.308811°
49	R49	12.309380°
50	R50	12.309857°
51 52	R51	12.310128° 12.310429°
52 53	R52 R53	12.310429° 12.310926°
54	R54	12.311478°
55	R55	12.311700°
56 57	R56	12.311842° 12.312578°
57 58	R57 R58	12.312578° 12.313704°
59	R59	12.313811°
60	R60	12.314030°
61 62	R61	12.314297°
62 63	R62 R63	12.314384° 12.314771°
64	R64	12.315333°
65	R65	12.315756°
66	R66	12.316251°
67 68	R67 R68	12.317089° 12.317836°
69	R69	12.318604°

A 1CONSTRUCTION OF C, PANEL ROOM &	SL 36	Points R36	Latitude 12.334787°	Longitude 77.411826°	Remarks
	37	R37	12.335308°	77.411797°	
Longitude Remarks	38 39	R38 R39	12.336456° 12.337217°	77.411933° 77.411950°	
77.423101° 77.423176°	40 41	R40 R41	12.338575° 12.340694°	77.411864° 77.411647°	
77.423176° 77.422935°	42	R42	12.342261°	77.411606°	
77.422829°	43 44	R43 R44	12.342925° 12.343728°	77.411603° 77.411492°	
77.422777°	45 46	R45 R46	12.344642° 12.345317°		
77.422720°				o 1LAYING OF 7	5 MM DIA
77.422883°	SL	Points	Latitude	LINE	Remarks
77.422967°	1 2	R1 R2	12.383467° 12.383431°	77.384342° 77.384056°	
NE AND LAYING OF	3	R3	12.383453°	77.383794°	
ON LINE	4 5	R4 R5	12.383181° 12.382931°	77.383544° 77.383325°	
Longitude Remarks	6 7	R6 R7	12.382700° 12.382122°	77.383244° 77.383206°	
77.422744°	8	R8 R9	12.381592° 12.381136°	77.383089° 77.383000°	
77.422222° 77.421636°	10	R10	12.380842°	77.383133°	
77.421321°	11 12	R11 R12	12.380611° 12.379967°	77.383167° 77.383083°	
77.420793°	13 14	R13 R14	12.379269° 12.378717°	77.382911° 77.382786°	
77.420500° 77.419898°	15 16	R15 R16	12.378519° 12.377881°	77.382781° 77.382631°	
77.419898° 77.419354°	17	R17	12.377139°	77.382406°	
77.418741°	18 19	R18 R19	12.376789° 12.376217°	77.382256° 77.381647°	
77.418370°	20 21	R20 R21	12.375406° 12.375108°	77.381242° 77.381000°	
77.418255° 77.418258°	22 23	R22 R23	12.374694° 12.374178°	77.380725° 77.380194°	
77.418238 77.418316°	24	R24	12.372953°	77.379956°	
77.418232°	25 26	R25 R26	12.372478° 12.372064°	77.379900° 77.379781°	
77.418082°	27 28	R27 R28	12.370972° 12.370600°	77.379378° 77.379328°	
77.418259° 77.418875°	29 30	R29 R30	12.370097° 12.369694°	77.379236° 77.379078°	
77.418902°	31	R31	12.369394°	77.379006°	
77.418865°	32 SL	R32 Points	12.368422° Latitude	77.378544° Longitude	Remarks
77.418756°	33 34	R33 R34	12.368050° 12.367675°	77.378356° 77.378150°	
77.418816° 77.418804°	35	R35 R36	12.367472° 12.367244°	77.378019° 77.377928°	
77.418851°	37	R37	12.366444°	77.378072°	
77.418872°	38 39	R38 R39	12.366075° 12.365669°	77.378114° 77.378075°	
77.419038° 77.419164°	40 41	R40 R41	12.365269° 12.364825°	77.377650° 77.377078°	
77.419164° 77.419575°	42 43	R42 R43	12.364642° 12.364439°	77.376800° 77.376400°	
77.419859°	44	R44	12.364394°	77.376069°	
77.419952°	45 46	R45 R46	12.364389° 12.363814°	77.375778° 77.374156°	
77.420240° 77.420322°	47 48	R47 R48	12.362811° 12.362056°	77.373967° 77.373822°	
77.420322 77.420321°	49	R49 R50	12.361125° 12.360744°	77.373775° 77.373514°	
77.420433°	51	R51	12.360472°	77.373389°	
77.420359°	52 53	R52 R53	12.360269° 12.359989°	77.373436° 77.373781°	
77.420317° 77.419818°	54 55	R54 R55	12.359803° 12.359703°	77.374114° 77.374419°	
77.419002°	56 57	R56 R57	12.359389° 12.359189°	77.374519° 77.374492°	
77.418438°	58	R58	12.358828°	77.374228°	
77.418110° 77.417944°	59 60	R59 R60	12.358675° 12.358306°	77.373928° 77.373053°	
77.417944° 77.417618°	61 62	R61 R62	12.358439° 12.358400°	77.372569° 77.372289°	
77.417594°	63 64	R63 R64	12.358267° 12.358153°	77.372167° 77.371769°	
77.417722°	65	R65	12.357681°	77.371261°	
77.417570° 77.417410°	66 67	R66 R67	12.357031° 12.356658°	77.370839° 77.370561°	
77.417237°	68 69	R68 R69	12.356228° 12.355733°	77.369981° 77.369458°	
77.416425°	70 71	R70 R71	12.355253° 12.355025°	77.368950° 77.368525°	
77.415700°	72	R72	12.354894°	77.367297°	
77.415609° 77.415711°	73 74	R73 R74	12.355356° 12.356239°	77.366492° 77.365608°	
77.415708°	75 76	R75 R76	12.356300° 12.356761°	77.365367° 77.364650°	
77.415762°	77 78	R77 R78	12.356769° 12.356642°	77.364419° 77.364322°	
77.415748°	79	R79	12.356392°	77.364247°	
77.415733° 77.415960°	80 SL	R80 Points	12.356039° Latitude	77.363911° Longitude	Remarks
77.416282°	81 82	R81 R82	12.355364° 12.354764°	77.363572° 77.362992°	
77.416224°	83 84	R83 R84	12.354647° 12.354550°	77.362139°	
77.416110° 77.416156°	85	R85	12.354814°	77.360756°	
77.416156° 77.417003°	86 87	R86 R87	12.354564° 12.354086°	77.360606° 77.360539°	
77.417832°	88 89	R88 R89	12.353947° 12.353842°	77.360381° 77.360064°	
77.418201°	90 91	R90 R91	12.353831° 12.353108°	77.359606° 77.359467°	
77.419122° 77.418622°	92	R92	12.352608°	77.359603°	
77.418022* 77.418236°	93 94	R93 R94	12.351956° 12.351678°	77.359744° 77.359842°	
77.418099°	95 96	R95 R96	12.351642° 12.351092°	77.359894° 77.360106°	
77.417569° 77.417094°	97	R97	12.351092 12.351158°		
77.417094° 77.416693°	CHILAND	VADI STATE	FORESTSY No 1- DIA HDPE PIP	LAYING OF 90 N E LINE	IM TO 63 MM
	SL	Points	Latitude	Longitude	Remarks
	1 2	R1 R2	12.313689° 12.313722°	77.416014° 77.416003°	
	3	R3	12.313761°	77.415650°	
	4 5	R4 R5	12.313858° 12.314053°	77.415339° 77.415008°	
	6	R6	12.314386°	77.414600°	

4	R4	12.313858°	77.415339°												N	
5 6	R5 R6	12.314053° 12.314386°	77.415008° 77.414600°													\backslash
6 7	R5 R7	12.314386 12.314872°	77.414600 77.414106°													\setminus
8 9	R8 R9	12.314925° 12.314992°	77.413981° 77.413311°													
10	R10	12.315169°	77.412444°										_			
11 12	R11 R12	12.315025° 12.315736°	77.410903° 77.408525°													
13	R13	12.316292°	77.406750°										_			
14 15	R14 R15	12.315442° 12.314208°	77.406356° 77.405936°													
16	R16	12.313936°	77.406739°													
M	R66	E FOREST - SY No	1 - LAYING OF 77.547158°													
67	R67	12.313539°	77.546531°													
68 69	R68 R69	12.313311° 12.313039°	77.546178° 77.545606°													
70	R70	12.312981°	77.545308°			28	R28		4857 			7.5660				
71 SL	R71 Points	12.313006° Latitude	77.544747° Longitude			SL 29	Points R29		ititud 4859			. ongitu 7.5664		Kem	narks	
72	R72	12.313114°	77.544214°			30	R30		4861			7.5668				
73 74	R73 R74	12.313378° 12.313464°	77.543708° 77.543203°			31	R31		4864			7.5673				
75 76	R75 R76	12.313528° 12.313358°	77.542678° 77.541397°			32 33	R32 R33		4866 4869			7.5677 7.5680				
77	R77	12.313328°	77.540736°			34	R34	12.4	4871	.89°	7	7.5683	50°			
78 79	R78 R79	12.313358° 12.313447°	77.540086° 77.539450°			35 36	R35 R36		4876 4878			7.5686 7.5687				
80	R80	12.313481°	77.538808°			37	R37		4882			7.5689				
81 82	R81 R82	12.313675° 12.313864°	77.538125° 77.537706°			38	R38		1884			7.5691				
83 84	R83 R84	12.314153° 12.314531°	77.537253° 77.536747°			39 40	R39 R40		4885 4886			7.5695 7.5700				
85	R85	12.315075°	77.535900°			41	R41		4887			7.5703				
86 87	R86 R87	12.315539° 12.315713°	77.535206° 77.534632°			42	R42		4886 1007			7.5707				
						43 44	R43 R44		4887 4891			7.5709 7.5712				
						45	R45	12.4	4892	72°	7	7.5714	64°			
IKAL S	STATE FORES	T SY No 1 LAYIN	IG OF 200 MM DIA I	DI PIPE LINI	E	46 47	R46 R47		4897 4901			7.5722 7.5728				
SL	Points	Latitude	Longitude	Remarks		48	R48		4905			7.5733				
1	R1 82	12.478694° 12.478569°	77.548947° 77.549642°			49	R49		4907			7.5737				
2 3	R2 R3	12.478569° 12.478644°	77.549642° 77.550419°			50 51	R50 R51		4909 4912			7.5741 7.5744				
4	R4	12.478811°	77.551139°			52	R52	12.4	4914	22°	7	7.5746	75°			
5 6	R5 R6	12.479017° 12.479011°	77.552022° 77.552250°			53 54	R53 R54		4916 4917			7.5753 7.5757				
7	R7	12.479478°	77.553417°			55	R54		4919 4919			7.5763				
8 9	R8 R9	12.479686° 12.479814°	77.554153° 77.554778°			56	R56		4919			7.5773				
10	R10	12.479972°	77.555469°			57 58	R57 R58		4919 4917			7.5777 7.5779				
11	R11	12.480156°	77.556633°			59	R59	12.4	4914	64°	7	7.5780	94°			
12 13	R12 R13	12.480342° 12.480644°	77.557217° 77.557836°			60 61	R60 R61		4906 4902			7.5782 7.5784				
14	R14	12.480903°	77.558131°			62	R62		4899			7.5787				
15	R15	12.481286°	77.558364°			63	R63		4898			7.5789				
16 17	R16 R17	12.481861° 12.482528°	77.559164° 77.559958°			64	R64	12.4 ND - Ve	4898 eras:			7.5794 re - SY				
18	R18	12.483153°	77.560697°			SL	Points		titud			.ongitu		Rem	narks	
19 20	R19 R20	12.483511° 12.483681°	77.561328° 77.561978°			1	A1	12.	3269	922°	7	7.3793	16°			
21	R21	12.484000°	77.562478°			2	A2 A3		3265 3258			7.3809 7.3839				
22	R22	12.484206°	77.563947°			4	A4		3251 3251			7.3837				
23 24	R23 R24	12.484694° 12.484850°	77.564606° 77.564886°			5	A5 A6		3258 3261			7.3805 7.3791				
25	R25	12.484847°	77.565406°				, 10		0201			,,	,]
26 27	R26 R27	12.485006° 12.485425°	77.565614° 77.565811°													
			AREA :	TALENENT	TON FORE	JE LAND IN THE P	OJECT									1
SL NO	DISTRICT	DIVISION	RANGE / TEHSIL / VILLAGE	KHASRA / S COMPAR NUMBER OF	ATMENT	COMPON	ENTS DETA	ILS			WIDT H (W)	AERA IN SQM	AERA IN HECTAE R		R	
l	RAMANAGARA	CAUVERY WLID LIFE	CHILANDVADI STATE	SY No: I	Kill STOP	CONSTRUCTION O PUMP HOUSE, PA		ILL CUM	м	60.0	20.0	1200.0	0.120			
			FOREST CHILANDVADI STATE			ELECTRICAL SUB LAYING OF 610 M (UNDER GROUND	-STATION M DIA MS PI								-	
4	RAMANAGARA	CAUVERY WLID LIFE	FOREST	SY No: I		(UNDER GROUND TRANSMISSION L GROUND)			м	4193.0	5.25	22013.3	2.201	ļ		
5	RAMANAGARA	CAUVERY WLID LIFE	CHILANDVADI STATE FOREST	SY No; I		LAYING OF 610 M (UNDER GROUND		PE LINE	м	1193.0	1.00	1193.0	0.119			
6	RAMANAGARA	CAUVERY WLID LIFE	CHILANDVADI STATE FOREST	SY No: I		LAYING OF 90 MM PIPE LINE (UNDE)		DIA HDPE	м	1420.0	0.70	994.0	0.099			
7	RAMANACADA	CAUVERY WLID LIFE	CHILANDVADI STATE	SY No: 1		LAYING OF 75 MM	1 DIA HDPE	PIPE LINE	м	5711.0	1.00	5711.0	0.571			
			FOREST			(UNDER GROUND))		t ∨I						_	
8	RAMANAGARA	CAUVERY WLID LIFE	MUGURU STATE FOREST	SY No: I		LAYING OF 90 MM PIPE LINE (UNDE)		איש אישרא	м	1465.0	0.70	1025.5	0.103			
-	DARAAN'S T	BANNERGHATTA		CV XI - 1		LAYING OF 200 M	M DIA. DI PI	PE LINE		101-	0.000		3.2130			
9	RAMANAGARA	NATIONAL PARK	BILIKAL STATE FOREST	SY No: I		(UNDER GROUND			М	4012.0	0.989	3967.9	0.397 0.397		_	
SL			ODDOT	NON FORES	ST AREA IN	1	PA 011		 		I		U.39/	1		
No	DISTRICT RAMANAGARA	DIVISION CAUVERY WLID LIFE	OREST AREA IN HECATR 3.2130	HECA 0.0	ATRE	IOTAL ARI	EA OF PROJ 3.2130	ECT								
	RAMANAGARA	BANNERGHATTA NATIONAL PARK	0.397	0.0	000	(0.3970									
3	RAMANAGARA	RAMANAGARA	IANAGARA 0.000		43.890		43.890									
	TOTAL FO	NEVI LANU	3.610	43.8	070	4	17.500		l							
SL No	DISTRICT	DIVISION	RANGE / TEHSIL / VILLAGE	AREA IN F	HECATRE											
1		CAUVERY WLID LIFE	FOREST	3.1		_										
	RAMANAGARA RAMANAGARA	CAUVERY WLID LIFE BANNERGHATTA NATIONAL PARK	MUGURU STATE FOREST	0.1		_										
	1	TOTAL FOREST LA	ND	3.6	510											
L					1	NAME OF THE P	ROJECT	LAYING PROVIE AND 29 EXECU	DING 8 OT TIVE	DRIN HER ENG	KING HABIT INEEF	WATEF ATION R, RURA	R SUPP S UNDE	LY TO R DBC	KODII DT SC WATE	HALLI
						JSER AGENCY		SANIT	4110	N DE	-ar []	vi⊏N I, I	τ Α ΙνΙΑΝ	AGARA	4	
					F	TITLE		OVER	ALL	- ALI	GNME	NT MA	P IN TO	PO SH	IEET	
		[]		TOPO SHEET NO 043-6 D43-7	0:									
		LEGEN			[[043-6, D43-7, 043-10, D43-11	0:									
			NE ALIGNMENT IN			D43-6, D43-7,	0:	-				. Jaro	ENGIN			

RURAL DRINKING WATER AND SANITATION DEPARTMENT RAMANAGARA

PIPE LINE ALIGNMENT IN NON - FOREST AREA CA LAND BOUNDARY

		-	
		_	
 R28 Points	12.485739° Latitude	77.566064°	Remarks
R28 Points R29	12.485739° Latitude 12.485994°	77.566064° Longitude 77.566400°	Remarks
Points	Latitude	Longitude	Remarks
Points R29	Latitude 12.485994°	Longitude 77.566400°	Remarks
Points R29 R30	Latitude 12.485994° 12.486178°	Longitude 77.566400° 77.566808°	Remarks
Points R29 R30 R31	Latitude 12.485994° 12.486178° 12.486469°	Longitude 77.566400° 77.566808° 77.567356°	Remarks
Points R29 R30 R31 R32	Latitude 12.485994° 12.486178° 12.486469° 12.486672°	Longitude 77.566400° 77.566808° 77.567356° 77.567711°	Remarks
Points R29 R30 R31 R32 R33	Latitude 12.485994° 12.486178° 12.486469° 12.486672° 12.486917°	Longitude 77.566400° 77.566808° 77.567356° 77.567711° 77.568072°	Remarks
Points R29 R30 R31 R32 R33 R34	Latitude 12.485994° 12.486178° 12.486469° 12.486672° 12.486917° 12.487189°	Longitude 77.566400° 77.566808° 77.567356° 77.567711° 77.568072° 77.568350°	Remarks
Points R29 R30 R31 R32 R33 R34 R35	Latitude 12.485994° 12.486178° 12.486469° 12.486672° 12.486917° 12.487189° 12.487611°	Longitude 77.566400° 77.566808° 77.567356° 77.567711° 77.568072° 77.568350° 77.568625°	Remarks
Points R29 R30 R31 R32 R33 R34 R35 R36	Latitude 12.485994° 12.486178° 12.486469° 12.486672° 12.486917° 12.487189° 12.487611° 12.487892°	Longitude 77.566400° 77.566808° 77.567356° 77.567711° 77.568072° 77.568350° 77.568625° 77.568739°	Remarks

		50	007	12.40/092	//.500/55	
a		37	R37	12.488242°	77.568922°	
a		38	R38	12.488442°	77.569192°	
a		39	R39	12.488561°	77.569583°	
•		40	R40	12.488656°	77.570053°	
0		41	R41	12.488750°	77.570336°	
a 		42	R42	12.488683°	77.570731°	
		43	R43	12.488778°	77.570961°	
		44	R44	12.489128°	77.571258°	
	1	45	R45	12.489272°	77.571464°	
1 DIA DI PIPE LINE		46	R46	12.489717°	77.572294°	
		47	R47	12.490167°	77.572842°	
e Remarks		48	R48	12.490531°	77.573311°	
7°		49	R49	12.490775°	77.573708°	
2°		50	R50	12.490964°	77.574142°	
)°		51	R51	12.491281°	77.574444°	
)°		52	R52	12.491422°	77.574675°	
2°		53	R53	12.491675°	77.575378°	
)°		54	R54	12.491756°	77.575756°	
7°		55	R55	12.491933°	77.576356°	
3°		56	R56	12.491958°	77.577300°	
3°		57	R57	12.491942°	77.577736°	
)°		58	R58	12.491792°	77.577944°	
3°		59	R59	12.491464°	77.578094°	
7°		60	R60	12.490633°	77.578214°	
5°		61	R61	12.490200°	77.578492°	
L°		62	R62	12.489953°	77.578758°	
l°		63	R63	12.489828°	77.578975°	
l°		64	R64	12.489822°	77.579475°	
3°			CA LAND	- Veerasandra Vil	lage - SY No 13	
7°		SL I	Points	Latitude	Longitude	Remarks
3°		1	A1	12.326922°	77.379316°	
3°		2	A2	12.326561°	77.380931°	
3°		3	A3	12.325893°	77.383905°	
7°		4	A4	12.325141°	77.383713°	
5°		5	A5	12.325866°	77.380518°	
5°		6	A6	12.326178°	77.379147°	
5°						