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NOTIFICATIONS BY GOVERNMENT

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ENVIRONMENT, FORESTS, SCIENCE & TECHNOLOGY
DEPARTMENT

(For.I)

RESERVATION OF **VELLATOOR** COMPENSATORY AFFORESTATION FOREST BLOCK OF
VELLATOOR VILLAGE OF CHINTHALAPALEM MANDAL, SURYAPET DIVISION & DISTRICT -
APPROVED.

[GO.Ms.No.70, Environment, Forests, Science & Technology (For.I), 12th August, 2022.]

In exercise of the powers conferred by Section 4 of the Telangana Forest Act, 1967 (Act No- I of 1967), read with section 4 of Indian Forest Act 1927 the Government of Telangana hereby declare that, it is proposed to constitute the land transferred to forest department in lieu of diversion of forest land for M/s Penna Cements Industries Ltd. within the boundaries specified in the schedule below as '**Reserve Forest**' under the said Act, and appoints the Forest Settlement Officer, Suryapet in regard to the said land to consider the objections, if any and to enquire into and determine the existence, nature and extent of any rights claimed by or alleged to exist in favour of any person in or over any land comprised within such limits, or to any forest produce of such land to deal with the same as provided in chapter-II of the said Act.

THE SCHEDULE

Name of the District	Suryapet
Name of the Division	Suryapet
Name of the Mandal	Chinthalapalem
Name of the Range	Kodad
Name of the Village	Vellatoor
Name of the Block	Vellatoor CA block
Area of the block	Acres 6.28 gts or 2.54 Ha

Area Statement**Sy. No. wise area included in the Reserve Forest**

Name of the village	Sy. No.	Status of land	Total Extent of area of Sy.No. mentioned in Co. 2	Sub-Division No. of Sy.No	Extent of area proposed for Reserve Forest Block from the areas mentioned in Col.No.5
1	2	4	5	6	7
Vellatoor	472	Patta land	Ac. 723.00 Gts (or) 292.594 Ha.	472/1	Ac.6.28 Gts (or) 2.54 Ha
		Total Areas of the Proposed Forest Block			2.54 Ha (Ac.6.28 Gts)

BOUNDARY DESCRIPTION

NORTH (A to B): The boundary line starts at station No.1 shown as point 'A' and runs South-Eastern direction up to station No.3 shown as point 'B' in the map with the following Geo – coordinates of each station WGS84 datum and distance from station to station.

Station No.		Geo-coordinates in Geographic coordinate system (WGS84 datum)				Distance
		From		To		
From	To	Latitude (°N)	Longitude (°E)	Latitude (°N)	Longitude (°E)	Meters
1	2	3		4		5
1	2	16.73216078	79.99635909	16.73186412	79.99701188	76.945
2	3	16.73186412	79.99701188	16.73160862	79.99743638	53.358

EAST (B to C): The boundary line starts at station No.3 shown as point 'B' and runs towards South-Western direction up to station No.5, then runs towards North-Western direction up to Station No.6 and then runs towards South-Western direction to reach station No.7, shown as point 'C' in the map with the following Geo – coordinates of each station in WGS84 datum and distance from station to station.

Station No.		Geo-coordinates in Geographic coordinate system (WGS84 datum)				Distance
		From		To		
From	To	Latitude (°N)	Longitude (°E)	Latitude (°N)	Longitude (°E)	Meters
1	2	3		4		5
3	4	16.73160862	79.99743638	16.73122407	79.99744528	42.556
4	5	16.73122407	79.99744528	16.73051724	79.99742261	78.239
5	6	16.73051724	79.99742261	16.73059129	79.99710875	34.448
6	7	16.73059129	79.99710875	16.73015353	79.99689049	53.732

SOUTH (C to D): The boundary line starts at station No.7 shown as point 'C' and runs towards North-Western direction up to station No.8, then runs towards North-Western direction up to Station No.9, shown as point 'D' in the map with the following Geo – coordinates of each station in WGS84 datum and distance from station to station.

Station No.		Geo-coordinates in Geographic coordinate system (WGS84 datum)				Distance
		From		To		
From	To	Latitude (°N)	Longitude (°E)	Latitude (°N)	Longitude (°E)	Meters
1	2	3		4		5
7	8	16.73015353	79.99689049	16.73046818	79.99634253	68.094
8	9	16.73046818	79.99634253	16.73112875	79.99569594	100.464

WEST (D to A): The boundary line starts at station No.9 shown as point 'D' and runs towards North-Eastern direction up to station No.10, then runs towards North-Eastern direction up to Station No.1, shown as point 'A' in the map with the following Geo – coordinates of each station in WGS84 datum and distance from station to station.

Station No.		Geo-coordinates in Geographic coordinate system (WGS84 datum)				Distance
		From		To		
From	To	S	Longitude (°E)	Latitude (°N)	Longitude (°E)	Meters
1	2	3		4		5
9	10	16.73112875	79.99569594	16.73153712	79.99603526	57.878
10	1	16.73153712	79.99603526	16.73216078	79.99635909	77.203

*The Name IDs of the Stations have been indicated in the Annexure I & II.
The details of Base station point are as follows:

Base Details	Latitude (°N)	Longitude (°E)
The stations are tagged to Base station point (BSP) established by TSFD located in the Premises of Raghunathapalem CA Block, Huzurnagar Range, Suryapet District, which is linked to SOI GCP, R & B Guest House, Huzurnagar.	16.71919524	79.91581804

REMARKS:

1. Enclosures admitted in the block – NIL
2. Right of way admitted in the block – NIL

ANNEXURE-I

Proposed Forest Block Vellatoor (C.A. Area)

Internal angles at each station with Stations on either sides & distances between stations. The distance from previous station is recorded against the station number in the following table. The internal angles shall be established using the internal / external angle measuring instrument only like theodolite, but not with magnetic compass, after establishing at least two consecutive points with different Global Positioning System or Global Navigation Satellite System (DGPS / DGNSS) at 2 Km's interval along the boundary.

Internal Angles at Each Station

Station No	Distance in meters from previous station *	Internal Angles ** Deg-Min-Sec
1	77.16	91-19-50
2	76.95	173-15-36
3	53.36	123-16-5
4	42.56	176-57-6
5	78.24	78-0-45
6	34.45	258-5-46
7	53.73	84-52-11

8	68.00	164-7-2
9	100.46	97-59-29
10	57.88	192-6-9

*Distance in Meters from previous station

Example: The distance from Station 1 and Station 10 is 77.16 Meters.

**The Internal Angle at 1 is to be read as Internal Angle formed at station 1 by stations 10 and 2.

ANNEXURE-II

Proposed Forest Block Vellatoor (C.A. Area)

Coordinates in 2D / Easting and Northing for each station in the corresponding UTM zone 44N, WGS 84 datum and distance between the stations. The distance to next station is recorded against the station number in the following table. The points to be established by Electronic Total Station (ETS) & at least two consecutive points initially with DGPS / DGNSS and at every 2 Km interval along the boundary.

Easting- Northing of stations and Tri Junction / Bi- junction
Points-UTM – Zone 44N, WGS 84 Datum

Station No	Easting	Northing	Distance in meters to next station
1	393014.034	1850195.501	76.95
2	393083.461	1850162.328	53.36
3	393128.573	1850133.833	42.56
4	393129.308	1850091.283	78.24
5	393126.497	1850013.094	34.45
6	393093.078	1850021.455	53.73
7	393069.565	1849973.140	68.00
8	393011.325	1850008.247	100.46
9	392942.761	1850081.678	57.88
10	392979.163	1850126.675	77.16

Base Details

Base	16.71919524	79.91581804	The stations are tagged to Base station point (BSP) established by TSFD located in the Premises of Raghunathapalem CA Block, Huzurnagar Range, Suryapet District, which is linked to SOI GCP, R & B Guest House, Huzurnagar.
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* Distance is in meters to next station. For Ex. Distance between station 1 & station 2 is 76.95 Meters.

The distance is indicated above are to be taken accordingly.

RESERVATION OF **SHANIGARAM-II** COMPENSATORY AFFORESTATION FOREST BLOCK OF SHANIGARAM VILLAGE, HUSNABAD RANGE, SIDDIPET DIVISION & DISTRICT, MEDAK CIRCLE - APPROVED.

[G.O. Ms.No.71, Environment, Forests, Science & Technology (For.I), 12th August, 2022.]

In exercise of the power conferred by section 4 of the Telangana Forest Act 1967, (Act No. I of 1967), read with Section 4 of the Indian Forest Act, 1927 (Central Act 16 of 1927) the Government of Telangana, Hyderabad declare that it is proposed to constitute the land (transferred to forest department in lieu of diversion of forest land for Kaleshwaram Lift Irrigation Project) within the boundaries specified in the schedule below as a "Reserved Forest" under the said Act, and appoints the Forest Settlement Officer, Siddipet in regard to the said land to consider the objections, if any, and to enquire into and determine the existence, nature and extent of any rights claimed by or alleged to exist in favour of any person in or over any land comprised within such limits, or to any forest produce of such land and to deal with the same as provided in Chapter-II of the said Act.

THE SCHEDULE

1	Name of the District	Siddipet
2	Name of the Division	Siddipet
3	Name of the Mandal	Koheda
4	Name of the Range	Husnabad
5	Name of the Village	Shanigaram

6	Name of the block proposed to be reserved	Shanigaram - II
7	Area of the block proposed to be reserved	Ac.51.81 gts (or) 20.97 Ha.

AREA STATEMENT
SY.NO. WISE AREAS INCLUDED IN THE RESERVE FOREST

Name of the Village	Sy. No.	Status of Land	Extent of area of Sy. No. mentioned in Col. 2	Sub Division no of Sy. No.	Extent of area proposed for Reserve Forest Block from the areas mentioned in Col. No. 4
1	2	3	4		5
Shanigaram	1348	Govt. Land	87.46 Ha (Ac 216.05)	1348/29	20.97 Ha (Ac 51.81)
		Total	87.46 Ha		20.97 Ha

BOUNDARY DESCRIPTION

NORTH (A to B): The boundary line starts at station No.1 shown as point A and runs in South - Eastern direction up to station No.11 shown as point B in the map with the following Geo-coordinates of each station and distances from station to station. All the Geo-coordinates are in WGS-1984 datum.

Station No.		Geo-coordinates in Geographic coordinate system (WGS84 datum)				Distanc
		From		To		
From	To	Latitude (N)	Longitude (E)	Latitude (N)	Longitude (E)	Meters
1	2	3		4		5
1	2	18.18679800	79.01832243	18.18678586	79.01872901	43.04
2	3	18.18678586	79.01872901	18.18672020	79.01914670	44.79
3	4	18.18672020	79.01914670	18.18659085	79.01955985	46.00
4	5	18.18659085	79.01955985	18.18618081	79.02037426	97.39
5	6	18.18618081	79.02037426	18.18570280	79.02102090	86.49
6	7	18.18570280	79.02102090	18.18528657	79.02170052	85.40
7	8	18.18528657	79.02170052	18.18492835	79.02201057	51.47
8	9	18.18492835	79.02201057	18.18429016	79.02228373	76.33
9	10	18.18429016	79.02228373	18.18395123	79.02271860	59.37
10	11	18.18395123	79.02271860	18.18359871	79.02285695	41.68

EAST (B to C): The boundary line starts at station No. 11 shown as point B and runs towards Southern-West direction up to station No. 12 shown, thence runs in Southern direction up to station No. 13 and thence runs in Southern-West direction up to station No. 19 shown as point C in the map with the following **Geo-coordinates** of each station and distances from station to station.

Station No.		Geo-coordinates in Geographic coordinate system (WGS84 datum)				Distance
		From		To		
From	To	Latitude (N)	Longitude (E)	Latitude (N)	Longitude (E)	Meters
1	2	3		4		5
11	12	18.18359871	79.02285695	18.18323512	79.02247246	57.23
12	13	18.18323512	79.02247246	18.18301146	79.02244063	24.99
13	14	18.18301146	79.02244063	18.18241788	79.02192854	85.17
14	15	18.18241788	79.02192854	18.18176801	79.02175971	74.12
15	16	18.18176801	79.02175971	18.18126059	79.02128338	75.47
16	17	18.18126059	79.02128338	18.18098401	79.02079471	60.09
17	18	18.18098401	79.02079471	18.18062865	79.02042957	55.14
18	19	18.18062865	79.02042957	18.18058635	79.02020621	24.01

SOUTH (C to D): The boundary line starts at station No. 19 shown as point C and runs towards North – Western direction reaches station No. 20 shown as point D in the map with the following **Geo – coordinates** of each station and distances from station to station.

Station No.		Geo-coordinates in Geographic coordinate system (WGS84 datum)				Distance
		From		To		
From	To	Latitude (N)	Longitude (E)	Latitude (N)	Longitude (E)	Meters
1	2	3		4		5
19	20	18.18058635	79.02020621	18.18581076	79.01758198	641.54

WEST (D to A): The boundary line starts at station No. 20 shown as D and runs towards North – East direction and reaches Station No. 1 shown as point A in the map with the following **Geo – coordinates** of each station and distances from station to station.

Station No.		Geo-coordinates in Geographic coordinate system (WGS84 datum)				Distance
		From		To		
From	To	Latitude (N)	Longitude (E)	Latitude (N)	Longitude (E)	Meters
1	2	3		4		5
20	21	18.18581076	79.01758198	18.18650356	79.01767429	77.31
21	22	18.18650356	79.01767429	18.18671819	79.01803880	45.3
22	1	18.18671819	79.01803880	18.18679800	79.01832243	31.28

The Geo-ordinates of the Tri-junction / Bi-juncton points are as follows:

Description of the Tri-junction / Bi-junction points	Geo-coordinates in Geographic coordinate system (WGS84 datum)	
S. No.	Latitude (N)	Longitude (E)
-	-	-

Note: All the Geo Coordinates are obtained using DGPS/DGNSS.

The Geo coordinates of the Base station point linked to SoI GCP are as follows:

Sl.No.	Status	Latitude	Longitude
1	The stations are tagged to Base Station Point (BSP) established by TSFD located in the premises of District Forest Office – Siddipet, District : Siddipet. Which is linked to SOI GCP, Mandal Office, Cherial.	18.08647976	78.8554702

REMARKS:

1. Enclosures admitted in the block - Nil
2. Right of way admitted in the block - Nil

ANNEXURE-I

Internal angles at each Station with Stations on either sides & distances between stations. The distance from previous station recorded against the station number in the following table. The internal angles shall be established using the internal / external angle measuring instrument only like theodolite, but not with magnetic compass; after establishing at least two consecutive points with Differential Global Positioning System or Global Navigation Satellite System (DGPS / DGNSS) at 2 km interval along the boundary.

Proposed Forest Block Shanigram-II (C.A. Area) Internal Angles at Each Station

Station No	Distance in metres from Previous Station	Internal Angles Deg-Min-Sec
1	31.28	161-48-19
2	43.04	172-26-54
3	44.79	171-12-20
4	46.00	170-21-26
5	97.40	170-3-38
6	86.49	185-4-9

7	85.41	162-15-1
8	51.47	162-38-59
9	76.33	208-33-22
10	59.37	149-45-23
11	41.68	114-7-47
12	57.23	217-33-36
13	24.99	148-14-14
14	85.17	205-33-48
15	74.12	152-2-43
16	75.47	162-31-55
17	60.09	194-53-4
18	55.14	145-41-24
19	24.09	104-26-25
20	641.54	147-5-42
21	77.31	128-53-30
22	45.30	164-46-20

*Distance in Meters from previous station Example: The distance from Station 22 to Station 1 is 31.28 Meters.

**The Internal Angle at 1 is to be read as Internal Angle formed at station 1 by stations 22 and 2.

ANNEXURE – II

Coordinates in 2D / Easting and Northing for each station in the corresponding UTM Zone 44N., WGS 84 datum and distances between stations. The distance to next station is record against the station number in the following table. The points to be established by Electronic Total Station (ETS) & at least two consecutive points initially with DGPS / DGNSS at 2 km interval along the boundary.

Proposed Forest Block Shanigaram-II (C.A. Area)
Easting- Northing of stations and Tri Junction / Bi- Junction
Points-UTM – Zone 44N, WGS 84 Datum

Station No	Easting	Northing	Distance in metres to next station
1	290402.534	2011983.980	43.04
2	290445.537	2011982.172	44.79
3	290489.651	2011974.426	46.00
4	290533.209	2011959.637	97.40
5	290618.885	2011913.319	86.49

6	290686.730	2011859.669	85.41
7	290758.139	2011812.821	51.47
8	290790.516	2011772.815	76.33
9	290818.656	2011701.861	59.37
10	290864.262	2011663.849	41.68
11	290878.480	2011624.670	57.23
12	290837.366	2011584.862	24.99
13	290833.731	2011560.140	85.17
14	290778.842	2011495.020	74.12
15	290760.203	2011423.278	75.47
16	290709.200	2011367.654	60.09
17	290657.166	2011337.596	55.14
18	290618.108	2011298.677	24.09
19	290594.425	2011294.250	641.54
20	290323.013	2011875.546	77.31
21	290333.608	2011952.128	45.30
22	290372.431	2011975.469	31.28
Base	273042.309	2001072.426	District Forest Office, Siddipet, linked to SOI GCP, Mandal Office, Cherial.

* Distance is in meters to next station. For Ex. Distance between station 1 & station 2 is 43.04 Meters.

RESERVATION OF **VELUPALLY** COMPENSATORY AFFORESTATION FOREST BLOCK OF VENKATAPUR & VELUPALLY VILLAGES OF THURKAPALLY MANDAL, BHUVANAGIRI RANGE, M. THURKAPALLY (M), YADADRI BHUVANAGIRI DISTRICT, HYDERABAD CIRCLE - APPROVED.

[G.O. Ms.No.72, Environment, Forests, Science & Technology (For.I), 12th August, 2022.]

In exercise of the powers conferred by Section 4 of the Telangana Forest Act, 1967, Act No- I of 1967 read with section 4 of the Indian Forest Act, 1927 (Central Act No.16 of 1927) the Government of Telangana, Hyderabad declares that it is proposed to constitute the land (transferred to forest department in lieu of diversion of forest land for Damarcherla Coal based thermal power project in favour of TSGENCO within the boundaries specified in the schedule below as 'Reserve Forest' under the said Act, and appoints the Forest Settlement Officer, Yadadri Bhuvanagiri in regard to the said land to consider the objections, if any and to enquire into and determine the existence, nature and extent of any rights claimed by or alleged to exist in favour of any person in or over any land comprised within such limits, or to any forest produce of such land to deal with the same as provided in chapter-II of the said Act.

The Schedule

Name of the District	Yadadri Bhuvanagiri
Name of the Division	Yadadri
Name of the Mandal	Thurkapally
Name of the Range	Bhuvanagiri
Name of the Villages	Velupally, Venkatapur
Name of the Block proposed to be served	Velupally
Area of the block proposed to be reserved	Ac. 201-00 Gts. (Or) 81.343 Ha.

Area Statement**Sy. No. wise area included in the Reserve Forest**

Name of the village	Sy. No.	Status of land	Extent of area of Sy.No. mentioned in Co. 2	Sub division No. of Sy.No.	Extent of area proposed for Reserve Forest Block from the areas mentioned in Co.4	Area as per DGNSS Survey
1	2	3	4	5	6	7
Venkatapur	91	Gairan	137.694 Ha (Ac. 340-10)	91/1/2	20.639 Ha (Ac. 51-00)	20.639 Ha (Ac. 51-00)
Velupally	180	Bancharai	92.794 Ha (Ac. 229-12)	180/5	60.704 Ha (Ac. 150-00)	60.704 Ha (Ac. 150-00)
		Total	230.488 Ha. (Ac. 569-22)		81.343 Ha. (Ac.201-00)	81.343 Ha. (Ac. 201-00)

BOUNDARY DESCRIPTION**NORTH (A to B):**

The boundary line of the proposed forest block starts at station No.1 shown as point 'A' and runs in North-Eastern direction through stations 2, 3 & 4 up to station No.5 thence, it runs in South-Eastern direction through stations 6&7 up to station No.8, shown as point 'B' which is the common boundary point of Venkatapur and Velupally villages in the map with the following Geo – coordinates of each station WGS-84 datum and distance from station to station. From the station No. 1, when the boundary line of the proposed Forest Block proceeds to station No.8 through stations 2, 3, 4, 5, 6, 7 & 8, the right hand side area is the proposed **Velupally forest block**.

Station No.		Geo-coordinates in Geographic coordinate system (WGS84 datum)				Distance
		From		To		
From	To	Latitude (°N)	Longitude(°E)	Latitude (°N)	Longitude(°E)	Meters
1	2	3		4		5
1	2	17.63082654	78.86062745	17.63143566	78.86111465	84.98
2	3	17.63143566	78.86111465	17.63135098	78.86142632	34.39
3	4	17.63135098	78.86142632	17.63202203	78.86209956	103.08
4	5	17.63202203	78.86209956	17.63260109	78.86269787	90.24
5	6	17.63260109	78.86269787	17.63238115	78.86356810	95.53
6	7	17.63238115	78.86356810	17.63215213	78.86454946	107.21
7	8	17.63215213	78.86454946	17.63194094	78.86540513	93.79

EAST (B to C):

The boundary line starts at station No.8 i.e, shown as point 'B' runs towards Southern direction through stations 9,10,& 11 up to station No.12, and thence, runs in North-eastern direction through stations 13,14&15 up to station No. 16, thence, runs in Southern direction in a zig-zag manner through stations 17,18 &19 up to station No.20 shown as point 'C' in the map with the following Geo – coordinates of each station in WGS datum-84 and distance from station to station. From the station No. 8, when the boundary line of the proposed Forest Block proceeds to station No.20 through stations 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 & 19, the right hand side area is the proposed Velupally forest block.

Station No.		Geo-coordinates in Geographic coordinate system (WGS84 datum)				Distance
		From		To		
From	To	Latitude (°N)	Longitude(°E)	Latitude (°N)	Longitude(°E)	Meters
1	2	3		4		5
8	9	17.63194094	78.86540513	17.63105910	78.86543308	97.67
9	10	17.63105910	78.86543308	17.63043436	78.86548040	69.34
10	11	17.63043436	78.86548040	17.62876609	78.86509062	189.26
11	12	17.62876609	78.86509062	17.62806731	78.86489216	80.17
12	13	17.62806731	78.86489216	17.62823201	78.86575260	93.14
13	14	17.62823201	78.86575260	17.62834098	78.86641701	71.55
14	15	17.62834098	78.86641701	17.62842711	78.86728999	93.16
15	16	17.62842711	78.86728999	17.62844797	78.86827876	104.98
16	17	17.62844797	78.86827876	17.62774300	78.86825867	78.07
17	18	17.62774300	78.86825867	17.62678733	78.86823788	105.82
18	19	17.62678733	78.86823788	17.62675105	78.86854189	32.52
19	20	17.62675105	78.86854189	17.62606655	78.86908147	94.99

SOUTH (C to D):

The boundary line starts at station No.20 shown as point 'C' and runs towards South-Western direction through stations 21, 22, 23, 24, 25, 26, & 27 up to station No.28, and thence runs is North-west direction through stations 29, 30, 31, 32, 33, 34 & 35 up to station No.36 shown as point 'D' in the map

with the following Geo – coordinates in WGS-84 datum and distances from station to station. From the station No. 20, when the boundary line of the proposed Forest Block proceeds to station No.36 through stations 21 to 36 the right hand side area is the proposed Velupally forest block.

Station No.		Geo-coordinates in Geographic coordinate system (WGS84 datum)				Distance
		From		To		
From	To	Latitude (⁰ N)	Longitude(⁰ E)	Latitude (⁰ N)	Longitude(⁰ E)	Meters
1	2	3		4		5
20	21	17.62606655	78.86908147	17.62534786	78.86841507	106.46
21	22	17.62534786	78.86841507	17.62449629	78.86760516	127.59
22	23	17.62449629	78.86760516	17.62326223	78.86687580	157.03
23	24	17.62326223	78.86687580	17.62265191	78.86618943	99.37
24	25	17.62265191	78.86618943	17.62218120	78.86551799	88.29
25	26	17.62218120	78.86551799	17.62202891	78.86402630	159.24
26	27	17.62202891	78.86402630	17.62168296	78.86315753	99.86
27	28	17.62168296	78.86315753	17.62162904	78.86236725	84.1
28	29	17.62162904	78.86236725	17.62180337	78.86170217	73.19
29	30	17.62180337	78.86170217	17.62233879	78.86117394	81.59
30	31	17.62233879	78.86117394	17.62288498	78.86073756	76.17
31	32	17.62288498	78.86073756	17.62340659	78.86025511	77.18
32	33	17.62340659	78.86025511	17.62408612	78.85942121	116.17
33	34	17.62408612	78.85942121	17.62464406	78.85911196	69.95
34	35	17.62464406	78.85911196	17.62508091	78.85872544	63.42
35	36	17.62508091	78.85872544	17.62564499	78.85834048	74.63

WEST (D to A):

The boundary line starts at station No.36 shown as point 'D' and runs towards North-East direction through stations 37, 38, 39, 40, 41 & 42 and reaches station No 43 in a zig-zag manner and reaches station No.1 shown as point A in the map with the following Geo – coordinates of each station in WGS datum-84 and distance from station to station. From the station No. 36, when the boundary line of the proposed Forest Block proceeds to station No.1 through stations 37 to 43 the right hand side area is the proposed Velupally forest block.

Station No.		Geo-coordinates in Geographic coordinate system (WGS84 datum)				Distance
		From		To		
From	To	Latitude (⁰ N)	Longitude(⁰ E)	Latitude (⁰ N)	Longitude(⁰ E)	Meters
1	2	3		4		5
36	37	17.62564499	78.85834048	17.62608327	78.85834048	48.52
37	38	17.62608327	78.85834048	17.62610289	78.85889421	58.82
38	39	17.62610289	78.85889421	17.62699426	78.85866023	101.75
39	40	17.62699426	78.85866023	17.62720900	78.85933900	75.87
40	41	17.62720900	78.85933900	17.62738797	78.86018275	91.73
41	42	17.62738797	78.86018275	17.62841190	78.85994647	116.09
42	43	17.62841190	78.85994647	17.62988956	78.86107484	202.74
43	1	17.62988956	78.86107484	17.63082654	78.86062745	114.08

The Geo coordinates of the Base station point linked to SoI GCP are as follows:

S.No	Status	Latitude	Longitude
1	The stations are tagged to Base Station Point (BSP) established at Central Nursery in Thirumalapur Village, Vaasalamarry Beat of Yadadri Bhuvanagiri District. This is linked to SoI GCP, SoI Office Bhuvanagiri.	17.69284444	78.81655426

Note: All the Geo Coordinates are obtained using DGPS/DGNSS.

Remarks:-

- 1) There are no permitted enclosures within the block.
- 2) There are no admitted rights of ways within the block.

ANNEXURE-I

Forest Block Velupally (C.A. Area)

Internal angles at each station with stations on either sides & distances between stations. The distance from previous station recorded against the station number in the following table. The internal angles shall be established using the internal /external angle measuring instrument only like theodolite, but not with magnetic compass; after establishing at least two consecutive points with Differential Global Positioning System or Global Navigation Satellite System (DGPS)/ DGNSS) at 2 km interval along the boundary.

Internal Angles at each Station.

Station No	Distance in metres from Previous Station	Internal Angles Deg-Min-Sec
1	114.08	117-54-48
2	84.98	111-39-57
3	34.39	241-55-51
4	103.08	179-9-25
5	90.24	119-57-59
6	95.53	181-5-20
7	107.21	179-14-37
8	93.79	106-10-32
9	97.67	182-24-49
10	69.34	163-13-7
11	189.26	177-23-35
12	80.17	296-31-24
13	93.14	178-25-4
14	71.55	176-10-6
15	93.16	175-23-10
16	104.98	87-10-28
17	78.07	180-22-13
18	105.82	264-6-0
19	32.52	134-10-50
20	94.99	101-16-24
21	106.46	179-16-36
22	127.59	192-49-21
23	157.03	162-22-56
24	99.37	173-19-42
25	88.29	149-54-28
26	159.24	196-28-25

27	99.86	161-31-6
28	84.1	160-38-30
29	73.19	148-41-59
30	81.59	174-2-39
31	76.17	184-6-51
32	77.18	188-4-18
33	116.17	158-20-51
34	69.95	192-19-21
35	63.42	172-53-21
36	74.63	146-47-51
37	48.52	92-7-3
38	58.82	282-0-42
39	101.75	94-7-52
40	75.87	174-12-52
41	91.73	270-0-11
42	116.09	131-18-40
43	202.74	240-48-45

* Distance in Meters from previous station Example: The distance from Station 1 and Station 43 is 114.08 Meters.

** The Internal Angle at 1 is to be read as Internal Angle formed at station 1 by stations 43 and 2.

ANNEXURE-II

Forest Block Velupally

Coordinates in 2D / Easting and Northing for each station in the corresponding UTM Zone 44N, WGS 84 datum and distance between stations. The distance to next station is record against the station number in the following table. The points to be established by Electronic Total Station (ETS) & at least two consecutive points initially with DGPS/ DGNSS at 2 km interval along the boundary.

Easting- Northing of stations and Tri Junction / Bi- Junction Points-UTM – Zone 44N, WGS 84 Datum

Station No	Easting	Northing	Distance in metres to next station
1	273010.463	1950626.377	84.98
2	273062.939	1950693.219	34.39
3	273095.914	1950683.471	103.08
4	273168.212	1950756.945	90.24
5	273232.441	1950820.326	95.53

6	273324.532	1950794.935	107.21
7	273428.408	1950768.408	93.79
8	273518.966	1950744.004	97.67
9	273520.830	1950646.355	69.34
10	273525.072	1950577.143	189.26
11	273481.616	1950392.941	80.17
12	273459.677	1950315.827	93.14
13	273551.212	1950333.027	71.55
14	273621.870	1950344.294	93.16
15	273714.639	1950352.783	104.98
16	273819.615	1950353.909	78.07
17	273816.603	1950275.897	105.82
18	273813.204	1950170.133	32.52
19	273845.427	1950165.753	94.99
20	273901.847	1950089.338	106.46
21	273830.215	1950010.579	127.59
22	273743.185	1949917.284	157.03
23	273664.227	1949781.553	99.37
24	273590.610	1949714.814	88.29
25	273518.751	1949663.514	159.24
26	273360.224	1949648.443	99.86
27	273267.574	1949611.190	84.1
28	273183.620	1949606.169	73.19
29	273113.243	1949626.264	81.59
30	273057.843	1949686.166	76.17
31	273012.207	1949747.151	77.18
32	272961.650	1949805.470	116.17
33	272873.986	1949881.692	69.95
34	272841.860	1949943.825	63.42
35	272801.380	1949992.646	74.63
36	272761.224	1950055.550	48.52
37	272761.774	1950104.066	58.82
38	272820.575	1950105.573	101.75
39	272796.856	1950204.524	75.87
40	272869.172	1950227.479	91.73
41	272958.955	1950246.277	116.09
42	272935.158	1950359.905	202.74
43	273056.777	1950522.120	114.08

Details of established Base(Forest)

Base	268411.828	1957545.130	Central Nursery in Thirumalapur Village, Vaasalamarry Beat, Yadadri Bhuvanagiri District.
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* Distance is in meters to next station. For Ex. Distance between station 1 & station 2 is 84.98 Meters.

A. SANTHI KUMARI,
Special Chief Secretary to Government.