



తెలంగాణ రాజ పత్రము
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NOTIFICATIONS BY GOVERNMENT

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ENVIRONMENT, FORESTS, SCIENCE AND TECHNOLOGY DEPARTMENT
(For.I)

RESERVATION OF **KALIVERU (AS SINGA SAMUDRAM-B)** COMPENSATORY AFFORESTATION
FOREST BLOCK DGNSS SURVEY KALIVERU VILLAGE, CHARLA MANDAL OF
BHADRACHALAM DIVISION OF BHADRADRI KOTHAGUDEM DISTRICT, - APPROVED.

[G.O.Ms.No.81, Environment, Forests, Science & Technology (For.I), 25th, August, 2022.]

In exercise of the powers conferred by Section 4 of the Telangana Forest Act, 1967 (Act-I of 1967), read with section 4 of the Indian Forest Act 1927 (Central Act 16 of 1927) the Government of Telangana hereby declares that it is proposed to constitute the land (transferred to Forest Department in lieu of diversion of forest land for Sita Rama Lift Irrigation Project) within the boundaries specified in the schedule below as "Reserve Forest" under the said Act, and appoints the Forest Settlement Officer, Bhadradri-Kothgaudem 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	:	Bhadradri – Kothagudem
2	Name of the Division	:	Bhadrachalam
3	Name of the Mandal	:	Charla
4	Name of the Range	:	Charla
5	Name of the Village	:	Kaliveru
6	Name of the Block proposed to be reserved.	:	Kaliveru
7	Area of the block proposed to be reserved	:	33.6606 Acres. (13.622 Hectares)

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 Col. 2	Sub. Division No. of Sy.No.	Extent of area proposed for Reserve Forest Block from the areas mentioned in Col. No. 4	Area as per DGNSS Survey
1	2	3	4	5	6	7
Kaliveru	37	Under Control of Forest Dept.	13.622	37/1	13.622 Ha. (33.6606 Acres.)	13.622Ha. (33.6606 Acres.)

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

Starting from station No.1 which is located on the North side, the line runs in South-East - direction continuous till it reaches Station No.5 with the following Geo-Co-ordinate points and distances.

Station No.		Geo-coordinates in Geographic coordinate system (WGS 84 datum)				Distance in Meters
From	To	Latitude (°N)	Longitude(°E)	Latitude (°N)	Longitude(°E)	
1	2	3		4		5
1	2	18.02808604	80.85803803	18.02717998	80.85867877	121.03
2	3	18.02717998	80.85867877	18.02639480	80.85907175	96.32
3	4	18.02639480	80.85907175	18.02530689	80.85937048	124.45
4	5	18.02530689	80.85937048	18.02486236	80.85948473	50.65

EAST (B to C) :

Starting from station No.5 which is located on the South-East side, the line runs in South direction continuous till it reaches Station No.8 with the following Geo co-ordination points and distances.

Station No.		Geo-coordinates in Geographic coordinate system (WGS 84 datum)				Distance in Meters
From	To	Latitude (°N)	Longitude(°E)	Latitude (°N)	Longitude(°E)	
1	2	3		4		5
5	6	18.02486236	80.85948473	18.02412178	80.85926604	85.14
6	7	18.02412178	80.85926604	18.02406612	80.85905659	23.01
7	8	18.02406612	80.85905659	18.02312907	80.85893671	104.45

SOUTH (C to D) :

Starting from station No.8 which is located on the South side, the line runs in West direction continuous till it reaches Station No.14 with the following Geo co-ordinate points and distances.

Station No.		Geo-coordinates in Geographic coordinate system (WGS 84 datum)				Distance in Meters
From	To	Latitude (°N)	Longitude(°E)	Latitude (°N)	Longitude(°E)	
1	2	3		4		5
8	9	18.02312907	80.85893671	18.02350362	80.85816280	92.27
9	10	18.02350362	80.85816280	18.02434051	80.85778381	100.91
10	11	18.02434051	80.85778381	18.02521752	80.85687026	136.99
11	12	18.02521752	80.85687026	18.02572213	80.85593499	113.19
12	13	18.02572213	80.85593499	18.02646467	80.85571891	85.42
13	14	18.02646467	80.85571891	18.02676573	80.85452829	130.35

WEST (D to A) :

Starting from station No.14 which is located on the West side, the line runs in North East direction continuous till it reaches Station No.1 with the following Geo-co-ordinate points and distances.

Station No.		Geo-coordinates in Geographic coordinate system (WGS 84 datum)				Distance in Meters
From	To	Latitude (°N)	Latitude (°E)	Latitude (°N)	Latitude (°E)	
1	2	3		4		5
14	15	18.02676573	80.85452829	18.02722713	80.85489296	64.00
15	16	18.02722713	80.85489296	18.02752097	80.85578302	99.66
16	17	18.02752097	80.85578302	18.02763846	80.85634232	60.61
17	18	18.02763846	80.85634232	18.02791246	80.85720038	95.75
18	1	18.02791246	80.85720038	18.02808604	80.85803803	91.23

The Geo Coordinates of the Tri & Bi-junction points are as follows:

Description of the Tri & Bi-junction points	Geo-coordinates in Geographic coordinate system (WGS 84 datum)	
S.No.	Latitude (°N)	Longitude (°E)
Bi-junction point	--	--
Tri-junction point of Kaliveru	--	--

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	Easting	Northing	Latitude	Longitude
1	The stations are tagged to Base station point (BSP) established by TSFD located in the premises of FBO Quarter, FRO Office, Charla, Bhadradi - Kothagudem District. Which is linked to SOI GCP Dummugudem MRO office by 6 Hour observation.	--	--	N18°04'21.61692"	E80°.49'14.63826"

Remarks:

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

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 Kms interval along the boundary.

Internal Angles at Each Station

Station No.	Distance in meters from previous station	Internal angle ** (Degree-Minutes-Seconds)
1	91.23	111-51-30
2	121.03	171-30-23
3	96.32	169-7-59
4	124.45	179-5-39
5	50.65	150-24-39
6	85.14	121-17-54
7	23.01	247-29-57
8	104.45	70-8-37
9	92.27	140-15-34
10	100.91	201-28-36
11	136.99	195-40-35
12	113.19	134-58-46
13	85.42	239-38-13
14	130.35	67-42-38
15	64.00	146-7-56
16	99.66	173-20-47
17	60.61	186-4-23
18	95.75	173-45-55

*Distance in meters from previous station. Example. The distance from Station 1 and Station 18 is **91.235** meters.

** The internal Angle at 1 is to be read as internal angle formed at station 1 by stations 18 and 2.

ANNEXURE - II

Coordinates in 2D / Easting and Northing for each station in the corresponding UTM Zone 44 N, WGS 84 datum and distance between 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 along the boundary.

Easting – Northing of Stations, Tri/Bi-junction points and Base
station Point
UTM-Zone 44N, WGS 84 Datum

Station No.	Easting	Northing	Distance in meters to next station*
1	484973.902	1993298.638	121.03
2	485041.645	1993198.343	96.32
3	485083.175	1993111.441	124.45
4	485114.704	1992991.054	50.65
5	485126.759	1992941.864	85.14
6	485103.549	1992859.946	23.01
7	485081.374	1992853.805	104.45
8	485068.606	1992750.142	92.27
9	484986.721	1992791.645	100.91
10	484946.676	1992884.266	136.99
11	484850.053	1992981.369	113.19
12	484751.101	1993037.275	85.42
13	484728.292	1993119.445	130.35
14	484602.295	1993152.851	64.00
15	484640.934	1993203.869	99.66
16	484735.170	1993236.305	60.61
17	484794.380	1993249.258	95.75
18	484885.226	1993279.501	91.23

Details of Tri/Bi-junction points

1	--	--	Bi junction
2	--	--	Tri junction
BASE	N18 ⁰ 04'21.61692"	E80 ⁰ .49'14.63826"	

* Distance is in meters to next station. For Ex. Distance between station 1 & Station 2 is **121.029m**. Distance between station 18 & Station 1 is **91.235 m**. The distance indicated above are to be taken accordingly.

RESERVATION OF **SINGA SAMUDRAM** COMPENSATORY AFFORESTATION FOREST BLOCK OF SINGA SAMUDRAM VILLAGE, CHARLA MANDAL OF BHADRACHALAM DIVISION OF BHADRADRI KOTHAGUDEM DISTRICT - APPROVED.

[G.O.Ms.No.82, Environment, Forests, Science & Technology (For.I), 25th, August, 2022.]

In exercise of the powers conferred by Section 4 of the Telangana Forest Act, 1967 (Act I of 1967) read with section 4 of Indian Forest Act, 1927 (Central Act 16 of 1927) the Government of Telangana State the hereby declares that it is proposed to constitute the land (transferred to Forest Department in lieu of diversion of forest land for Sita Rama Lift Irrigation Project) within the boundaries specified in the schedule below as "Reserve Forest" under the said Act, and appoints the Forest Settlement Officer, Bhadradri – Kothagudem 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	:	Bhadradri – Kothagudem
2	Name of the Division	:	Bhadrachalam
3	Name of the Mandal	:	Charla
4	Name of the Range	:	Charla
5	Name of the Village	:	Singa Samudram
6	Name of the Block proposed to be reserved.	:	Singasamudram
7	Area of the block proposed to be reserved	:	11.0292 Acres. (4.463 Hectares)

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 Col. 2	Sub. Division No. of Sy.No.	Extent of area proposed for Reserve Forest Block from the areas mentioned in Col. No. 4	Area as per DGNSS Survey
1	2	3	4	5	6	7
Singa Samudram	91	P.P.	8.963 Ha. (22.149 Acrs.)	91/2	4.463 Ha. (11.0292 Acres.)	4.463 Ha. (11.0292 Acres.)

BOUNDARY DESCRIPTION:

NORTH (A to B) :

Starting from station No.1 is shown as point "A" which is located on the North East side, the line runs in southeast direction contiguous till it reaches Station No.3, then runs eastern direction up to station no. 4, and runs to south east direction up to station no. 5 shown as point "B" shown in the map with the following Geo- Co-ordinate points and distances are WGS84 datum.

Station No.		Geo-coordinates in Geographic coordinate system (WGS 84 datum)				Distance in Meters
From	To	Latitude (⁰ N)	Longitude(⁰ E)	Latitude (⁰ N)	Longitude(⁰ E)	
1	2	3		4		5
1	2	18.09940673	80.81535135	18.0935837	80.81602603	71.58
2	3	18.0935837	80.81602603	18.09917854	80.81665138	69.09
3	4	18.09917854	80.81665138	18.09938316	80.81718113	60.45
4	5	18.09938316	80.81718113	18.09922232	80.81778537	66.36

EAST (B to C) :

The boundary starts at station No.5 shown as point "B" runs towards southern direction up to station no 6 and from station no 6 runs towards western direction up to station no. 7 adjoining Charla Block shown as point "C" in the map with the following Geo co-ordinate points and distances.

Station No.		Geo-coordinates in Geographic coordinate system (WGS 84 datum)				Distance in Meters
From	To	Latitude (⁰ N)	Longitude(⁰ E)	Latitude (⁰ N)	Longitude(⁰ E)	
1	2	3		4		5
5	6	18.09922232	80.81778537	18.09875764	80.81854558	95.46
6	7	18.09875764	80.81854558	18.09800776	80.81842286	80.71

SOUTH (C to D) :

The boundary starts at station No.7 shown as point "C" runs towards Northwest direction upto Station No.8, from Station No.8 runs towards Northern side upto Station No.11 shown as point "D" the following Geo co-ordinate points and distances.

Station No.		Geo-coordinates in Geographic coordinate system (WGS 84 datum)				Distance in Meters
From	To	Latitude (⁰ N)	Longitude(⁰ E)	Latitude (⁰ N)	Longitude(⁰ E)	
1	2	3		4		5
7	8	18.09800776	80.81842286	18.09793280	80.81752951	91.65
8	9	18.09793280	80.81752951	18.0915351	80.81678012	82.96
9	10	18.0915351	80.81678012	18.09830840	80.81618067	65.70
10	11	18.09830840	80.81618067	18.09853270	80.81484186	143.81

WEST (D to A) :

The boundary starts from Station No.11 shown as point "D" runs towards Northeast direction upto Station No.12 and runs Eastern direction Station No.13 and 1 shown as point "A" with the following Geo-co-ordinate points and distances.

Station No.		Geo-coordinates in Geographic coordinate system (WGS 84 datum)				Distance in Meters
From	To	Latitude (⁰ N)	Latitude (⁰ E)	Latitude (⁰ N)	Latitude (⁰ E)	
1	2	3		4		5
11	12	18.09853270	80.81484186	18.09892703	80.81477018	44.28
12	13	18.09892703	80.81477018	18.09918571	80.81496046	34.99
13	1	18.09918571	80.81496046	18.09940673	80.81535135	48.05

Note: All the Geo-coordinates are obtained using **Trimble instrument OMNISTAR** which is directly receives from satellite and does not requires Base Station point (BSP). However for using in other methods a base station is established in the premises of Forest Range Complex Forest Beat Officer Quarters, Charla.

The Geo coordinates of the Tri & Bi-Junction points are as follows.

Description of the Tri & Bi-Junction points	Geo-coordinates in Geographic coordinate system (WGS84 datum)	
S. No	Latitude (⁰ N)	Longitude (⁰ E)
Bi-junction point	-	-
Tri-junction point of Singasamudram	-	-

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

Sl. No	Status	Easting	Northing	Latitude	Longitude
1	The stations are tagged to Base station point (BSP) established by TSFD located in the premises of FBO Quarter, FRO Office, Charla, Bhadradri – Kothagudem District. Which is linked to SOI GCP Dummugudem MRO office by 6 Hour observation.	1998200	2001000	N18 ⁰ 04'21.61692"	E80 ⁰ .49'14.63826"

Remarks:

1. Enclosures admitted in the Block -- Nil
2. **Right of way admitted in the Block:** There is no right of way. The cart track adjacent with a width of 6.00 Mts. along the Boundary line, passing from Singasamudram village. The Geo-coordinates of the road is as detailed below.

Road points				
Point Name	Easting (m)	Northing (m)	Latitude (N ⁰)	Longitude (E ⁰)
Singasamudram village point	-- NIL --			

3. Patta lands included 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 Kms interval along the boundary.

Internal Angles at Each Station.

Station No.	Distance in Meters from previous station*	Internal angle** (Degrees-Minutes-Seconds)
1	48.05	145-7-13
2	71.58	167-32-57
3	69.09	218-43-53
4	60.45	142-27-7
5	66.36	162-58-8
6	95.46	110-39-31
7	80.71	109-37-55
8	91.65	155-10-38
9	82.96	181-59-49
10	65.70	185-10-58
11	143.81	109-47-52
12	44.28	135-0-52
13	34.99	155-43-7

* Distance in meters from previous station.

Example: The distance from Station 1 to Station 14 is 105.47 Mts.

* The internal angle at 1 is to be read as internal angle formed station 1 by stations 14 and 2.

ANNEXURE - II

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 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, Tri / Bi-Junction points and Base Station Points UTM Zone 44N, WGS 84 Datum

Station No	Easting	Northing	Distance in Meters to next station*
1	480463.565	2001193.353	80.71
2	480534.942	2001187.932	91.65
3	480601.087	2001167.969	82.96
4	480657.159	2001190.552	65.70
5	480721.072	2001172.694	143.81
6	480801.455	2001121.204	44.28
7	480784.697	2001042.250	34.99
8	480693.860	2001030.051	48.05
9	480614.596	2001054.548	71.58
10	480551.189	2001071.748	69.09
11	480409.561	2001096.706	60.45
12	480402.021	2001140.342	66.36
13	480422.182	2001168.941	95.46
Details of Tri / Bi-junction points			
1			Bi – Junction
2	-	-	Tri – Junction

Distance in meters from previous station.

Example: The distance from Station 1 and 2 is 45.07 Mts and distance between station 14 to 1 is 149.20 Mts. The distances indicated above are to be taken accordingly.

RESERVATION OF **GIRRAIPALLY EXTN-I** COMPENSATORY AFFORESTATION FOREST BLOCK OF GIRRAIPALLY VILLAGE, SIDDIPET RANGE & DIVISION, SIDDIPET DISTRICT - APPROVED.*[G.O.Ms.No.83, Environment, Forests, Science & Technology (For.I), 25th, August, 2022.]*

In exercise of the powers conferred by section 4 of the Telangana Forest Act 1967, (Act No. 1 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	Kondapak
4	Name of the Range	Siddipet
5	Name of the Village	Girraipally
6	Name of the block proposed to be reserved	Girraipally-Ext.-I
7	Area of the block proposed to be reserved	Ac. 79.000 Ac (or) 31.6079 Ha. (As per DGNSS survey and mapping 31.6079 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	Extent of area proposed for Reserve Forest Block from the areas mentioned in Col. No. 4	Area as per DGNSS survey.
1	2	3	4	5	6
Girraipally	836	Govt. Land	31.6079Ha (Ac 79.000)	31.6079Ha (Ac 79.000)	31.6079Ha (Ac 79.000)
		Total	31.6079 Ha	31.6079 Ha	31.6079 Ha

BOUNDARY DESCRIPTION

NORTH (A to B): The boundary line starts at station No.1 shown as point A and runs in North - Eastern direction up to station No. 14 shown as many Zigzag runs towards 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				Distance
		(WGS84 datum)				
		From		To		
From	To	Latitude (N)	Longitude (E)	Latitude (N)	Longitude (E)	Meters
1	2	3		4		5
1	2	17.98636180	78.80826472	17.98593447	78.80950460	139.61
2	3	17.98593447	78.80950460	17.98567065	78.81017674	76.97
3	4	17.98567065	78.81017674	17.98540510	78.81094260	86.30
4	5	17.98540510	78.81094260	17.98513260	78.81138156	55.43
5	6	17.98513260	78.81138156	17.98501004	78.81177510	43.84
6	7	17.98501004	78.81177510	17.98516655	78.81232299	60.58
7	8	17.98516655	78.81232299	17.98519817	78.81279592	50.22
8	9	17.98519817	78.81279592	17.98467898	78.81314966	68.62
9	10	17.98467898	78.81314966	17.98416208	78.81350334	68.40
10	11	17.98416208	78.81350334	17.98409191	78.81397408	50.47
11	12	17.98409191	78.81397408	17.98399021	78.81439405	45.90
12	13	17.98399021	78.81439405	17.98323618	78.81539590	135.03
13	14	17.98323618	78.81539590	17.98243748	78.81581743	99.06

EAST (B to C): The boundary line starts at station No.14 shown as point B and runs towards East – Western direction up to station No. 34 shown, as many Zigzag runs towards Western side up to 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				Distance
		(WGS84 datum)				
		From		To		
From	To	Latitude (N)	Longitude (E)	Latitude (N)	Longitude (E)	Meters
1	2	3		4		5
14	15	17.98243748	78.81581743	17.98212748	78.81410976	184.14
15	16	17.98212748	78.81410976	17.98234957	78.81354420	64.77
16	17	17.98234957	78.81354420	17.98289458	78.81228600	146.32
17	18	17.98289458	78.81228600	17.98287699	78.81176098	55.66
18	19	17.98287699	78.81176098	17.98334924	78.81106702	90.21
19	20	17.98334924	78.81106702	17.98386082	78.81011021	116.12
20	21	17.98386082	78.81011021	17.98342146	78.80987233	54.78
21	22	17.98342146	78.80987233	17.98286709	78.81034688	79.34
22	23	17.98286709	78.81034688	17.98211048	78.81055834	86.71
23	24	17.98211048	78.81055834	17.98161252	78.81045560	56.19
24	25	17.98161252	78.81045560	17.98145000	78.81004717	46.86
25	26	17.98145000	78.81004717	17.98145244	78.80941739	66.72
26	27	17.98145244	78.80941739	17.98121834	78.80876447	73.87
27	28	17.98121834	78.80876447	17.98095476	78.80770935	115.53
28	29	17.98095476	78.80770935	17.98141367	78.80712240	80.30
29	30	17.98141367	78.80712240	17.98156832	78.80654347	63.68
30	31	17.98156832	78.80654347	17.98184087	78.80586646	77.81
31	32	17.98184087	78.80586646	17.98219255	78.80523847	77.09
32	33	17.98219255	78.80523847	17.98227993	78.80473423	54.29
33	34	17.98227993	78.80473423	17.98244229	78.80446132	34.04

SOUTH (C to D): The boundary line starts at station No. 34 shown as point C and runs towards North – Western direction reaches station No. 40 shown, as many Zigzag runs towards 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				Distance
		(WGS84 datum)				
		From		To		
From	To	Latitude (N)	Longitude (E)	Latitude (N)	Longitude (E)	Meters
1	2	3		4		5
34	35	17.98244229	78.80446132	17.98325616	78.80489259	101.03
35	36	17.98325616	78.80489259	17.98401608	78.80507208	86.25
36	37	17.98401608	78.80507208	17.98407428	78.80529843	24.83
37	38	17.98407428	78.80529843	17.98390846	78.80621193	98.50
38	39	17.98390846	78.80621193	17.98473053	78.80674078	106.87
39	40	17.98473053	78.80674078	17.98493927	78.80709305	43.90

WEST (D to A): The boundary line starts at station No. 40 shown as D and runs towards North – South direction (Station No. 40-42) and West – East (Station No. 42-43) and South – North (Station No. 43-1) Direction 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				Distance
		(WGS84 datum)				
		From		To		
From	To	Latitude (N)	Longitude (E)	Latitude (N)	Longitude (E)	Meters
1	2	3		4		5
40	41	17.98493927	78.80709305	17.98451823	78.80746788	61.23
41	42	17.98451823	78.80746788	17.98372116	78.80819359	117.04
42	43	17.98372116	78.80819359	17.98382502	78.80943864	132.40
43	44	17.98382502	78.80943864	17.98470868	78.80923178	100.25
44	45	17.98470868	78.80923178	17.98497637	78.80882825	52.02
45	46	17.98497637	78.80882825	17.98530185	78.80884050	36.06
46	47	17.98530185	78.80884050	17.98566681	78.80878404	40.85
47	1	17.98566681	78.80878404	17.98636180	78.80826472	94.59

The Geo-ordinates of the Tri-junction / Bi-junction 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.	18.086479	78.855470

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 Girraipally Ext-I (C.A.Area)
Internal Angles at Each Station

Station No	Distance in meters from Previous Station	Internal Angles Deg-Min-Sec
1	94.59	34-37-35
2	139.62	177-30-20
3	76.97	182-23-3
4	86.3	166-56-45
5	55.43	194-56-42
6	43.85	214-38-55
7	60.58	167-22-36
8	50.22	119-6-23
9	68.62	180-6-46
10	68.4	227-55-47
11	50.47	174-39-12
12	45.9	156-0-58
13	135.03	154-58-53
14	99.06	78-2-31
15	179.4	136-55-15
16	76.53	183-53-11
17	146.32	206-21-31
18	55.66	142-34-37
19	90.21	186-13-28
20	116.12	271-48-10
21	54.78	246-42-48
22	79.34	155-39-3
23	86.71	153-51-25
24	56.19	123-44-53
25	46.86	157-11-20
26	66.72	200-46-18
27	73.87	174-5-25
28	115.53	126-7-11
29	80.3	203-39-7
30	63.68	172-46-55
31	77.81	172-28-44

32	77.09	200-4-16
33	54.29	158-23-49
34	34.04	94-58-43
35	101.03	194-9-12
36	86.25	117-46-31
37	24.83	154-13-15
38	98.5	249-7-25
39	106.87	153-22-55
40	43.9	98-39-46
41	61.23	180-38-13
42	117.04	233-55-2
43	132.41	277-38-43
44	100.26	222-38-35
45	52.02	122-39-58
46	36.06	190-29-11
47	40.85	207-8-37

*Distance in Meters from previous station Example: The distance from Station 1 and Station 47 is 94.59 Meters.

**The Internal Angle at 1 is to be read as Internal Angle formed at station 1 by stations 47 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 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 at 2 km interval along the boundary.

Proposed Forest Block Giraipally Ext-I (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 meters to next station
1	267913.208	1990047.866	139.62
2	268043.995	1989999.008	76.97
3	268114.853	1989968.962	86.3
4	268195.636	1989938.607	55.43
5	268241.781	1989907.892	43.85
6	268283.311	1989893.832	60.58
7	268341.556	1989910.473	50.22
8	268391.696	1989913.383	68.62
9	268428.491	1989855.466	68.4
10	268465.284	1989797.803	50.47
11	268515.060	1989789.447	45.9
12	268559.418	1989777.664	135.03
13	268664.565	1989692.942	99.06
14	268708.179	1989603.999	179.4
15	268534.232	1989560.102	76.53
16	268467.247	1989597.104	146.32
17	268334.670	1989659.009	55.66
18	268279.029	1989657.718	90.21
19	268206.131	1989710.864	116.12
20	268105.439	1989768.693	54.78
21	268079.664	1989720.353	79.34
22	268129.212	1989658.389	86.71
23	268150.625	1989574.367	56.19
24	268139.090	1989519.371	46.86
25	268095.610	1989501.890	66.72
26	268028.897	1989502.948	73.87
27	267959.422	1989477.849	115.53
28	267847.301	1989449.991	80.3

29	267785.722	1989501.528	63.68
30	267724.594	1989519.374	77.81
31	267653.231	1989550.393	77.09
32	267587.164	1989590.112	54.29
33	267533.861	1989600.418	34.04
34	267505.163	1989618.733	101.03
35	267551.917	1989708.290	86.25
36	267571.926	1989792.189	24.83
37	267595.981	1989798.348	98.5
38	267692.536	1989778.848	106.87
39	267749.635	1989869.190	43.9
40	267787.227	1989891.856	61.23
41	267826.383	1989844.777	117.04
42	267902.219	1989755.631	132.41
43	268034.250	1989765.570	100.26
44	268013.491	1989863.652	52.02
45	267971.093	1989893.790	36.06
46	267972.817	1989929.807	40.85
47	267967.312	1989970.279	94.59

*Distance is in meters to next station. For Ex. Distance between station 1 & Station 2 is 139.61m. Distance between Station 47 & Station 1 is 94.59 m. The distances indicated above are to be taken accordingly.

A. SANTHI KUMARI,
Special Chief Secretary to Government.

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