

SOIL SUITABILITY CERTIFICATE

Certified that the following compensatory afforestation lands of 200 Ha identified in Ramavaram Range, Kothagudem Division of Bhadradi Kothagudem District for the proposed diversion of forest land of 409.53 Ha in Medchal-Malkajgiri Division for construction of 5.04 TMC Reservoir at Keshvapuram with associated components under Godavari river source for drinking water requirements to the Hyderabad Metropolitan Area have been inspected by the undersigned.

Name of the District	Name of the Division	Name of the Range	Name of the Beat	Name of the RF	Compt., No.	Area in Ha
Bhadradi Kothagudem	Kothagudem	Ramavaram	Penagadapa	Penagadapa	30	20
-do-	-do-	-do-	Penagadapa	Penagadapa	29 & 30	20
-do-	-do-	-do-	Tippanapalli	Ramavaram	13	40
-do-	-do-	-do-	Tippanapalli	Ramavaram	13	20
-do-	-do-	-do-	Musalivarre (E)	Ramavaram	9	100
-do-	-do-	-do-			Total::	200

The terrain is mainly plane and soil type is sandy loam and Red soil in patches can be seen. The growth consist mainly of Hardwickia binata, terminalia allata, Cleistanthus collinus, Chloroxylon swietenia, xylea xylocarpa, Anogeissus latifolia, wrightia tinctoria, Diospyros melanoxylon, Butea monosperma etc. Due to continuous degradation, the top soil is lost. Major thrust is required for rejuvenation of land by taking up AR planting under SMM method @ 1111 plants per Ha. and development of Soil and Moisture retention capacity in the area. Major works such as Soil & Moisture conservation works and formation of Water harvesting structures shall be taken up during the 1st & 2nd years of the project to gain the impact of such structures over the vegetation growth in the proposed area.


Forest Divisional Officer,
Kothagudem


DISTRICT FOREST OFFICER
Bhadradi Kothagudem Dist.
Kothagudem.

SOIL SUITABILITY CERTIFICATE

Certified that the following compensatory afforestation lands of 20 Ha identified in Aswapuram Range of Manuguru Division of Bhadradi Kothagudem District for the proposed diversion of forest land of 409.53 in Medchal Malkajgiri Division for Construction of 10 TMC Reservoir at Keshavapuram with associated components under Godavari river source for drinking water requirements to the Hyderabad Metropolitan Area have been inspected by the undersigned.

Name of the District	Division	Range	Section	Beat	Compt. No.	RF	Area in Ha
Bhadradi Kothagudem	Manuguru	Aswapuram	Eravendi	Satyanarayana puram	209	Nellipaka-B	20.00
Total::							20.00

The terrain is mainly plane and soil type red sandy loam & black cotton soil in patches can be seen. The growth consist mainly of Hardwickia binata, Lannea coromandelica, Madhuca longifolia var latifolia, Terminalia bellerica etc., due to continuous degradation the top soil is lost. Major thrust is required for rejuvenation of land by taking up AR planting under SMM method@1111 plants per Ha and development of Soil and Moisture retention capacity in the area. Major works such as soil & moisture conservation works and formation of water harvesting structures shall be taken up during the 1st and 2nd years of the project to gain the impact of such structures over the vegetation growth in the proposed area.

Forest Divisional Officer
Manuguru

DISTRICT FOREST OFFICER
Bhadradi Kothagudem Dist.
Kothagudem.


SOIL SUITABILITY CERTIFICATE

Certified that the following Compensatory Afforestation areas of 130.0 Ha. Identified in Kinnerasani WLM Division, Palvancha for the proposed diversion of forest land of 409.53 Ha. in Medchal-Malkajgiri Division for construction of 5.04 TMC Reservoir at Keshvapuram with associated components under Godavari River source for drinking water requirements to the Hyderabad Metropolitan Area have been inspected by the undersigned:

Name of the District	Name of the Division	Name of the Range	Name of the Beat	Compt. No.	Area in Ha.
Bhadradi Kothagudem	Kinnerasani	Chatakonda	Sampathnagar	16	50.00
	WLM	Chatakonda	Yerrachelka	5	30.00
	Division, Palvancha	Allapally	Venkatapuram (S)	23	50.00
TOTAL:					130.00

The said areas with black cotton soil, red loam soil and sandy soil. The growth consists mainly of Narayepa, Bojja, Billudu, Chirumanu, Chennangi, Pala Kodisa, Tuniki etc. Due to continuous degradation, the top soil is lost. Major thrust is required for rejuvenation of land by taking up AR planting under SMM method @ 1111 plants per Ha. and development of Soil and Moisture retention capacity in the area. Major works such as Soil & Moisture conservation works and formation of Water harvesting structures shall be taken up during the 1st & 2nd years of the project to gain the impact of such structures over the vegetation growth in the proposed area.


DISTRICT FOREST OFFICER
Bhadradi Kothagudem Dist.
Kothagudem.


Forest Divisional Officer,
Kinnerasani WLM Division,
Palvancha.