

**JUSTIFICATION FOR LOCATING THE PROJECT IN FOREST AREA:
Reservoir Site Selection**

The topographical location of the reservoir site is so selected such that, it is in the gorge portion near the hillock area and having adequate storage capacity.

Experts of Hyderabad Metropolitan Water Supply & Sewerage Board, Govt. of Telangana and WAPCOS visited the proposed reservoir site at Keshavapuram. After geological reconnaissance and detailed appraisal of the geological features of the project area, the proposed site has been found to be geologically safe and suitable for construction of the proposed reservoir. Based on toposheet identification and satellite imageries, some tentative sites around Hyderabad city were visited. Selected areas were traversed and physiographical and other relevant features noted for further examination.

All the alternatives have been examined and selected the present location with respect to the above criteria to have sufficient storage of water wherein forest land of 245.56 for reservoir have been involved in this project as detailed below.

<u>S.No.</u>	<u>Division</u>	<u>Block</u>	<u>Compartment No.</u>	<u>Component Description</u>	<u>AREA in Ha</u>
1.	Medchal	Ponnal-RF	236	Earthen Bund / Storage Reservoir	96.2482
		Keshavapuram-RF	242 & 243	Earthen Bund / Storage Reservoir	148.4978
				Total:	244.746Ha

P. Sareddy

General Manager (Engg.)
Project Division - IX,
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[Signature]

CHIEF GENERAL MANAGER (ENGG)
ORR CIRCLE, HMWSSB, HYDERABAD.

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Director (Tech.)
H.M W S. & S. Board,
Khairatabad, Hyderabad-4.