


SOIL SUITABILITY CERTIFICATE

Certified that the following degraded RF land of 36Ha (double the extent of RF area proposed for diversion) for compensatory afforestation in Peddapally Range, of Peddapally Division in lieu diversion of 17.994 Ha Ramagundam Coal Mines of SCCL have been inspected by the undersigned and the suitability for afforestation is as follows.

Sl.no	Range	Section	Beat	RF	Degraded area proposed for treatment	Treatement under SMM	
						Area in Ha	No of plants to be planted @ 1111 Nos per Ha
1	Peddapally	Ramagundam	Kundanpally	Kannala	36.00	36.00	39996

I have inspected this area on 17.10.2020. The topography of the area is plain to undulating with moderate slope, having degraded/ stunted forest growth with soil patches which are eroded and top soil is lost. Some areas have good soil type with red soil, sandy. Other areas are laterite, black, morram and rocky. The vegetation growth, mostly comprises of Goardeia lucida. Dodonea viscose, Gymnosporia spinosa, Soymida febrifage. Cloroxilon swetenia. Diospyros melanaxylon, Acacia sundra, all scattered coppice growth.

Due to continuous biotic pressure in earlier years the vegetation is degraded. There is good rootstock which can be developed by tending operations. Due to lack of SMC structures the soil has leached and eroded. The area is suitable for taking up Semi-mechanical plantation combined with Assisted Natural Regeneration and planning with suitable plants of local species in large gaps. Suitable Soil moisture works also will be taken up. The introduction of grass species underneath plantations for arresting the erosion and development of fodder for wildlife is also proposed. The Site is suitable for taking compensatory afforestation in this site.


 District Forest Officer
 Peddapally