



RAMSHREE CONSTRUCTION COMPANY

ENGINEERS & CONTRACTORS

Shree Ram Complex, G. Floor, N.H. 17, Kodibag, Karwar - 581303, U.K. Dist. Karnataka State, India
Grams : "Ramshree" ☎ : 91-8382-222007 (Off.) / Fax : 91-8382-223860, e-mail : ramshree@sancharnet.in

Project Report

Title of the Project: Proposal for diversion of 8.80388 ha of forest land in Arga F Sy No 52A1 for stone quarrying to supply building materials.

Karwar and Ankola talukas are forested talukas of Uttara Kannada District, Karnataka State. The district is adjoining to Goa on southern side and Udupi and Dharwad Districts in North and eastern sides. There is 70-80 % of the area is covered with forests. There is substantial human population in the townships such as Karwar, Ankola, Kumta and Bhatkal towns. The population density is also very high. There is acute shortage of land holding and all the families are subsistence to marginal families with limited land holdings. The major occupation of the local people is fishing and allied activities and agriculture. There is no revenue land and wasteland for any public purposes. There are major projects initiated by Government of India such as Project Seabird, Nuclear Power Corporation, Kaiga, Konkan railway, widening of national highway 17 etc. There is acute shortage of land for the people and for public purposes and much of the area is covered with forests. In such a scenario the overall development has suffered because of non-availability of building stones. The emerging townships need building stones to meet the aspirations of the people. It is difficult to bring the building stones to the coastal areas from the adjacent districts or States as it is not economical. And the issue is complicated with the CRZ regulations where the development is not happening in the coastal areas. If material is not extracted from forest lands, it is inevitable that the material will have to be imported from neighbouring districts involving long distances for transportation. This will in turn make the material so expensive, so as to make it unaffordable for normal works like house construction and developmental works. Hence, to meet the demands of local people and as a business enterprise the present project is proposed to the Government with a request to divert degraded forest land for stone quarrying for supply of building stones to local developmental works.





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Proposed extent of diversion – 9.98 ha

Location details – Arga forest sy no. 52 A1

Condition of the forest - degraded.

As per the estimate there is potential of 100 lakh MT of stones in the proposed area and it is proposed to extract during the period of 50 years and it will be used for the Government and private developmental projects. Most of the proposed land has rock with poor vegetation growth. The rock is exposed almost in the entire area.

Detail calculation sheet is attached.

Cost of the project: Most of the initial work involves labour work and establishment of machinery. Most of the investment will be in the form of initial development and later on in the form of stocking extracted material.

The necessary NPV and CA charges will be paid to the Government. The private lands which are just adjacent to Reserve forest will be provided as CA land. The proposed CA areas are as good as forests and they are just adjacent to forest. It in fact improves the overall health of the forest.

Investment in the project:

NPV charges to GOI – ₹ 72.854 lakhs

CA charges (9.98 ha @ ₹ 15.93 Lakhs/ha) – ₹ 158.98 lakhs

Initial investment in machineries – ₹ 10 lakhs

Total Investment – ₹ 241.834 lakhs.





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Benefits:

Employment – Direct employment - 500 members

Indirect employment - 1000 members.

There are scarce employment opportunities in the coastal areas, where the agricultural labourers and others can get employment in the quarrying and transportation which improves the overall economy.

Excavation of material – 3.0 lakh MT per year

Wastage in the form of overburden – 30% of the extracted material

Effective material available for use – 2.1 lakhs MT per year

Cost of excavation and transportation - ₹ 400-500 Per MT

Profit - ₹ 100 per MT.

Total profit in a year - ₹ 2.10 crores.

With this background, I request the authorities concerned in the Forest Department to divert 8.80388 ha of forest land in Forest Sy No. 52A1 in favour of M/s. Ramshree Construction Company, Kodibag, Karwar.



M/s. Ramshree Construction Company
Engineers & Contractors,
Kodibag, Karwar.

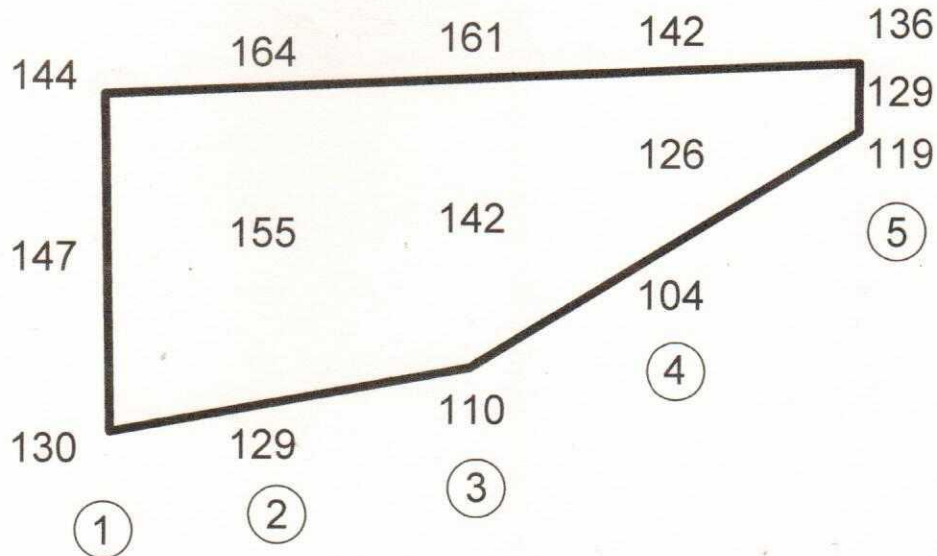


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DRAWING SHOWING THE GROUND LEVELS OF THE PROPOSED STONE QUARRY IN
SURVEY NO. 52A1 - ARGA VILLAGE, KARWAR



Average Levels along the Section

- 1 (130 + 147 + 144) / 3 = 140.33
- 2 (129 + 155 + 164) / 3 = 149.33
- 3 (110 + 142 + 161) / 3 = 137.67
- 4 (104 + 126 + 142) / 3 = 124.00
- 5 (119 + 129 + 136) / 3 = 128.00

679.33	/	5	=	135.87	Mts	Average Level
				(-) 70.00	Mts	Road Level
				<u>65.87</u>	Mts	Average Height

Total Area	=	83571	Sqm
Total Volume = Area x Height	=	5504822	Cum
Weathered Rock @ 30%	=	1651447	Cum Waste Material
Usable Material @ 70%	=	3853375	Cum Usable Material
Total Qty in MT for Approximate 50 Years Operation	=	10596781	MT @ 2.75 MT/Cum Density

The Total Quantity is for Approximatly 50 Years of Operations

Therefore Yield Per Year (10596781 / 50) = 211936 MT Per Year

