

## Muck Disposal Plan for Kerang - Op Dorjila (Gurudongmar Bend to Dorjila) Road (4.31 Km)

### Brief History

Recognizing the need for the development of border road connectivity in North Eastern Region of the country, Ministry of Home Affairs, Department of Border Management, Govt. of India has entrusted The Central Public Works Department (CPWD) for the construction of high altitude hill roads to Indo-China border road under phase II in the State of Sikkim. This work is of National importance having strategic in nature from Border Security aspect.

The Road **Kerang Op Dorjila (Gurudongmar Bend to Dorjila)** is a vital link road which is being constructed for ITBP to reach and to protect Indian Territory up to Line of Control. Hence, this will be a very important road to transport ammunitions and Millitary personals up to border of India. Therefore diversion of required forest land will be essential for constructing the road.

The Road **Kerang Op Dorjila (Gurudongmar Bend to Dorjila)** passed through hilly mountainous terrain above the tree line / snow line area. This is cold desert type area where temperature varies from -3 °C to -40 °C. The road passes between an altitude of 17000 ft. 18600 ft. from MSL.

The proposal for construction of Road **Kerang Op Dorjila (Gurudongmar Bend to Dorjila)** from Km- 0+000 to Km- 4+310 has been prepared as per Forest Conservation Act, 1980 for obtaining forest clearance from Govt. of India.

### Muck Disposal Plan

Approximately 17000 cum of muck is to be disposed off per km. With this rate, for 4.31 km, 73270 cum of muck is to be disposed off. Out of this 30 % of muck will be utilized for side filling and raising the level of the road in fill sections. Hence the quantity of unusable muck which is to be disposed off = 70% of 73270 = **51289 cum**. For the disposal, **0.08 Ha.** of land is being requisitioned in addition to the land required for construction of road. Location of Muck Disposal Sites totaling to **0.08 Ha.** is marked on Toposheet.

*Prakash Kumar S. N.*  
Executive Engineer  
BRPD-I CPWD, Chungthang  
North Sikkim