

प्रारूप-33

परियोजना का नाम :- जनपद टिहरी गढ़वाल के विधान सभा क्षेत्र एवं विकास खण्ड नरेन्द्रनगर में नगर पंचायत गजा के नव सृजित नगर पंचायत गजा में कूड़ा निस्तारण हेतु उपयुक्त वनभूमि का प्रस्ताव। (लम्बाई 50x40=2000 वर्ग मीटर)

भू-वैज्ञानिक की आख्या

संलग्न है।

Geological Inspection of the site proposed for the substitution of much disposal in Nagar Panchayat Gaja, Distt. Tehri Garhwal

20 अक्टूबर 2017

muck disposal in Nagar Panchayat Gaza, distt. Tehri Garhwal

कार्यालय प्रमुख अभियन्ता एवं विभागाध्यक्ष

उत्तराखण्ड लोक निर्माण विभाग,

देहरादून

भू-गर्भीय निरीक्षण आख्या ए0जी0- 82/सड़क/पुल/सम्प्रेषण/उत्तराखण्ड/गढ़वाल-2017

2- Location:- The proposed site is located approximately 800 m from Gaza city on G.A. Road motor road.

3- Geological/ Geotechnical Assessment:- Geologically the site proposed for muck disposal and its environs lies in the lower folds of Lesser Himalayan Belt.

Geological Inspection of the site proposed for the suitable location of muck disposal in Nagar Panchayat Gaza, distt. Tehri

Garhwal

By and large the location selected for the muck disposal site is free from any geological and/or ground subsidence activities.

4- Recommendations:-

1. The wall at the toe should have deep foundation such that it may bear the load of the muck for its maximum capacity.
2. Do not dispose water there which may saturate the ground and reduce its shear strength leading to slope failure.

5- Conclusion:- On the basis of the above recommendations and the study carried out, the site having dimension 30 m x 40 m = 200 m² situated approx. 800 m from the G.A. Road motor road was found geologically suitable for the disposal of the muck in Nagar Panchayat Gaza, distt. Tehri Garhwal.

20 सितम्बर 2017

(Signature)

Asst. Geologist

Office of the Geologist, Gaza

Geological Inspection of the site proposed for the suitable location of muck disposal in Nagar Panchayat Gaza, distt. Tehri Garhwal

Shiv Kumar Rai

20.09.2017

1-Introduction:- With reference to the letter no- मेमो तहसील(कूड़ा नि०) दिनांक 18.09.2017 it is requested by Shri. Gamdhir Singh, Tehsildar, Gaza to carry out the geological inspection of the site proposed for the construction of muck disposal under Gram Panchayat Gaza. On 04.09.2017, a joint site visit has been carried out by the Forest Officers/Employees, Tehsildar and Patwari, but due to the unavailability of the private/civil land, a reserved forest having dimension 50 m x 40 m = 200m² has been selected for muck disposal which is situated approximate 800 m from the city Gaza. For the above location geological assessment has been carried out by me on 19.09.2017 in the presence of Gamdhir Singh, Tehsildar, Gaza.

2-Location:- The proposed site is located approximately 800 m from Gaza city on Gaza-Khadi motor road.

3-Geological/ Geotechnical Assessment:- Geologically the site proposed for the muck disposal site and its environs lies in the Inner Lands of Lesser Himalayan Belt. The entire basement area and its environs is occupied by the rocks of Chandpur Formation which is bounded by the Main Boundary Thrust (MBT) and Srinagar Thrust (ST) from south and north direction respectively. The rock type exposed here at the basement are mostly phyllites, sometimes chlorite schists with weathering grade W₂-W₃. The topography of the area is moderately steep comes under the reserved forest and covered by thick overburden constituting rock fragments in silty-clay matrix. No residence is situated in and nearby the proposed location. It is a barren land having no vegetation/trees in the above mentioned dimension.

By and large the location selected for the muck disposal site are free from any landslide/mass wasting ground subsidence activities

4- Recommendations:-

1. The wall at the toe should have deep foundation such that it may bear the load of the huge muck for its maximum capacity.
2. Do not dispose water there which may infiltrate the ground and reduce its shear strength, resulting to slope failure.

5- Conclusion:- On the basis of the above recommendations and the study carried out, the site having dimension 50 m x 40 m = 200 m² situated approx. 800 m from the city Gaza on Gaza – Khadi motor road was found geologically suitable for the disposal of the muck, in Gaza, Nagar Panchayat Gaza, distt. Tehri Garhwal.



(Shiv Kumar Rai)

Asth. Geologist

Office of the Engineer in Chief,
PWD, Dehradun.