National Capital Region, Delhi being in the zone IV is highly susceptible to earthquakes. With increasing public awareness of the needs and demands of sustainable development and environmental conservation, no other industry is called on as much as the country's construction and building industry to evolve their practices to satisfy the needs of our current generation, without curtailing the resources of future generations to meet theirs. Due to this an effective use of the available resources is a must. Certain areas of Delhi not lying on a continuous plate are more likely to hit with higher damage percentage than those areas lying on a continuous plate, which are endangered, with less percentage of damage. These dangers continuously pose a problem for the government to think of ideas and policies to tackle such kind of problems and find a way to surpass these hurdles. Waste materials available in the market if utilized effectively and efficiently can make a breakthrough in the construction industry. These days the emphasis is on making use of renewable energy so that sustainable development takes place. This paper lays emphasis on the use of waste materials which are thought to be of no use in the modern day world but can be used effectively as building material. Temporary housing is being used all over worldwide with high success. The cost effectiveness and easy dismantling process are the reasons for its success. It has not been implemented in the National Capital Region (NCR) so far. The NCR, which is the asset of our nation, must have such projects ready to be implemented at the time of disaster. The post-earthquake reconstruction planning work requires immediate action and tends to be much more open and participatory. Delhi lying in the Aravalli range of Himalayas has rich deposits of quartzite, sendra granite, limestone etc. According to the data collected it has been found that heaps of rock and stone waste is left unused after cutting and finishing of these rocks and stones for various purposes. In this paper an attempt has been made to highlight various materials, which can be used for the housing construction in National Capital Region of Delhi.

KEYWORDS

Temporary Housing, Waste Materials, Locally available Material, Renewable, National Capital Region