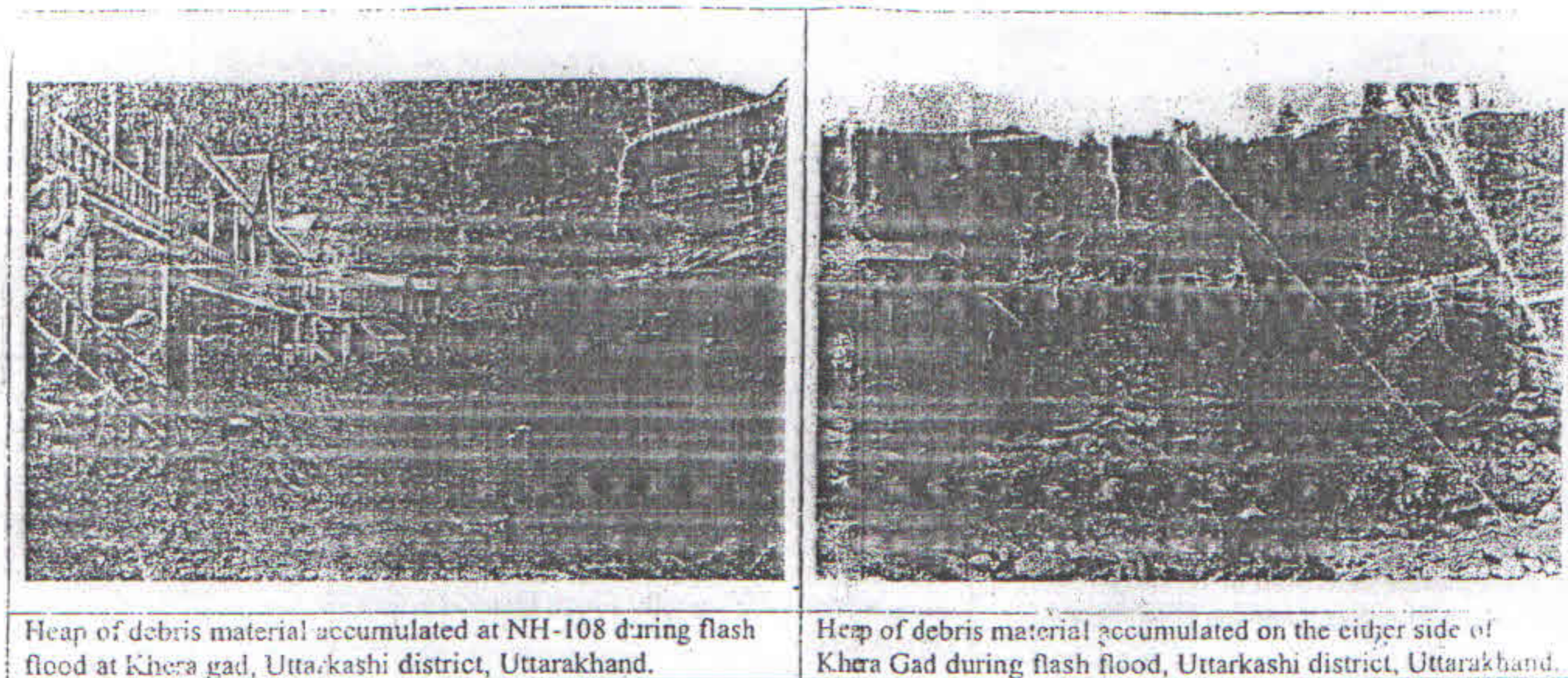


Few houses located below road on the left bank of Khera gad are in danger, therefore it requires shifting or needs adequate protection measures after further investigations.



5.2 DUNDA TEHSIL

14. BADETHI VILLAGE (N30°36'06.3"; E78°18'53.4", elevation±956m, 53J/6)

The village is situated on the right bank of Bhagirahi River and left bank (N020°E) of Athauni gad (Badethi gad) in Chinyali Saur Tehsil of Uttarkashi district. The slope is steep (>50°) towards N140° and is covered with thick overburden material comprising angular to sub angular clasts (5-50cm size) mainly of phyllite and slate with few quartzite and basic rocks embedded in clayey soil. Unprecedented heavy rains between 18th and 19th September, 2010 damaged most of the houses located close to the Athauni gad. Prolonged and heavy rains saturated the thick overburden material resting on steep slope resulted in subsidence and development of cracks on ground. The problem has been aggravated due to poor construction material (mud masonry) used for the construction of the houses. Linear cracks, 25-30m long, 30cm wide and 50cm deep have been noticed on the ground. Approximately 40 houses are severely damaged and have been evacuated by the owners. The cracks and the area of influence of the damage is gradually receding towards up slope and may pose threat to the electric transmission line (220KV of Maneri stage-II) and link road to Kandla village. The houses located towards Athauni gad are in critical stage and needs to be relocated nearby area. Rest of the houses situated left side of the ridge appears to be safe.

The representative of the district administration has shown the proposed land for relocation of the affected families in Badethi Sera located on either side of the NH-108. The proposed land represent flat and wide terrace over which cultivation is being practiced presently. The location appears feasible