

Erosional and depositional features of disturbed geomorphological system – some observations for semi arid environment

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Abstrak

On valley side slope in the study area, there is an almost continuous, extremely well-defined surface layer of colluvium, resting with marked unconformity on subjacent materials. This latter materials may be relatively fresh bedrock, weathered rock or cemented gravels (older colluvial deposits). The younger colluvial layer transgresses all of these with little apparent change in general appearance, extending into relatively thick, recent valley fills. The term “recent” is used here to refer to the surface layer of valley fill which is predominantly fine grained (sand particle size and smaller, with varying amounts of gravel) unconsolidated essentially non-stratified deposit which in these respects and in being physically contiguous with the valley side colluvial layer – is the stratigraphic contemporary of the colluvial layer.