Geology

Landslides, complicated geomorphology, faults
Landslide colluvium, river alluvium
Evaporites, limestone, sandstone
Volcanoclastic sedimentary rock
Andesite, rhyolite, granite
Landslide or Erosional Remnant?
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- At first glance, this looks like a landslide, but there is no source escarpment.
- The surface of the “landslide” is co-planar with the ground behind it.
- I think this is an erosional remnant of an old surface.
- The best way to prove it would be to look at the ground up close. Is it bedrock or colluvium?
Fault across from Tipon
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Change in strike and dip of bedding indicates the fault. A valley formed along the fault trace.
- On left side of fault, dip is to the left; strike is toward the reader.
- On right side of fault, dip is away from the reader, slightly left; strike nearly parallel to picture.

Black lines show traces of bedding planes that are visible in the photo.
Colluvium from Landslides
(Random texture, angular grains)
Well-Sorted Alluvium
(rounded grains, fines removed by water flow)
Red Sandstone
Recent Landslide in Ollantaytambo
Gypsum in Maras
Creates sinkholes in Moray area
People