

## Frosted Gully Slopes in Shadows

## ESP\_044327\_1375



The bluish areas are covered by seasonal carbon dioxide frost. In fact, this frost is key to forming the gullies. A good deal of carbon dioxide condenses in the shallow subsurface, and when it warms up in the late winter, it produces pressurized gas. When this gas escapes it fluidizes loose rocky materials on these steep slopes forming



debris flows.