






# WESTMORLAND - Terrains


## UPLANDS (i.e. generally lands over 300m / 1000ft)

-  Mountains, plateaux, and dissected plateaux: upland peaks and surfaces, often stepped with rock scars on slopes, and visible evidence of glaciation: frost shattering on exposed portions: veneers of drift general, with hill peat on flatter surfaces.
-  Upland valley lands and dissected plateaux: rolling countrysides, with veneers of drift; steeper slopes can be craggy. Plateau surfaces interspersed with rather broad valleys.



## INTERMEDIATE LANDS (i.e. generally between 180-300m / 600-1000ft)

-  Carboniferous limestone landscapes } Limestone escarpments: with harder limestones, these give rise to flat-topped hills, with stepped hillsides reflecting lithology; Drift is present as thin veneers on many surfaces, but is also accumulated in valleys.
-  Dissected hills: rolling countryside, with veneers of drift; ridges and plateau surfaces interspersed with rather broad valleys.
-  Drift veneered dissected hills: with drift cappings on summits and country rocks, sandstones and shales along valley sides



## LOWLANDS (i.e. generally below 210m / 700ft)

-  Dissected low plateaux and ridges; steep-sided valleys, with drowned lower courses, particularly along southern coasts.

### Deposits Associated with Glaciation

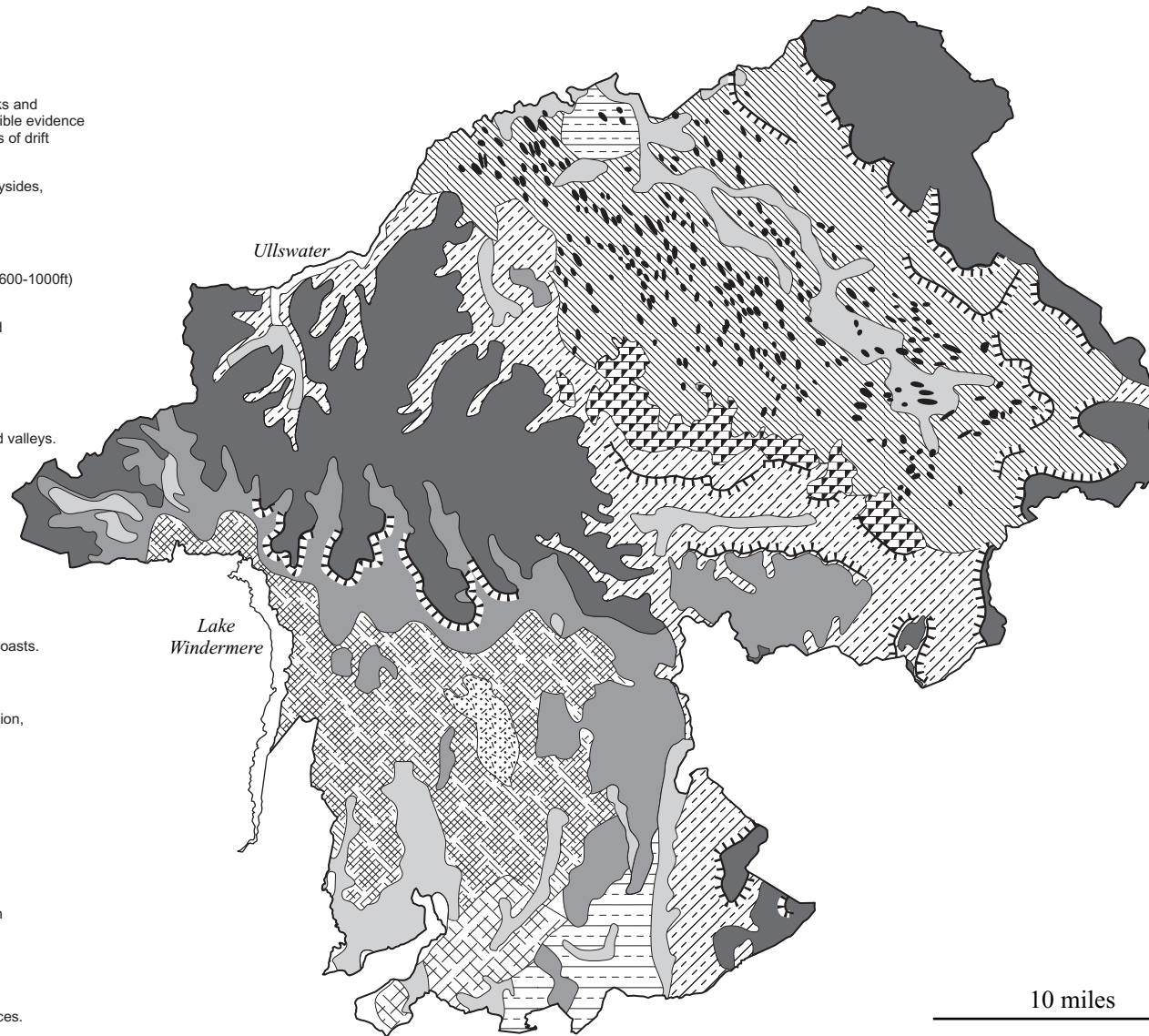
-  Outwash sands and gravels: later dissected by stream action, with periglacial deposits; merging with alluvial terraces.
-  Drumlins: rolling, hummocky topography, sometimes separated by marshy hollows and lacustrine flats.

### Drift Constructional Landscapes (Morainic)

-  Landscapes smothered with deep red drift
-  Drift veneered plateaux: with country rocks concealed with varied thicknesses of deposits: river incision gives variety

### Alluvial Lands and Marshlands

-  Alluvial plains and river terraces: flat and undulating surfaces.



10 miles

Map 2: Terrain Map of Westmorland