



Deposition

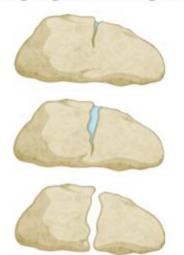
Till - unsorted material transported by a glacier.

Outwash - meltwater emerging from the snout of a glacier deposits fine material as it loses energy. Finer sediment will be carried furthest.

Erosion

Freeze-Thaw Weathering

Glacial meltwater expands when it freezes and turns to ice. Continual expansion and contraction can put pressure on rocks and break them apart; creating angular rock fragments.



Abrasion - as a glacier moves downhill, rocks, pebbles and sand become embedded in the base and sides of the glacier. The material is scrapped along the land, wearing it away like sandpaper. This creates a smooth and polished landscape. Striations (deep scratches) are formed by larger angular material in the base of the glacier.

Plucking - glacial meltwater freezes and sticks to rock. As the glacier moves downhill this ice will 'pluck' rock fragments that have been weakened by freezethaw action away from the land. Plucking creates a jagged landscape.

Lake District Conflicts

Corrie

Arête

Pyramidal Pe

Truncated Sp

Glacial Tough

Ribbon Lake

Hanging Vall

Smaller tribu are sliced aw larger glacier downhill. Thi small valleys at a much his than the mai Today, waterfalls are often found here.



Tourism - infrastructure for tourists (e.g. large car parks) can spoil the local landmarks. Tourists may have a lack of respect for countryside practice (e.g. they may stray off the path causing increased erosion, they may harm wildlife by littering and their ignorance can result in damaged stone walls).

Farming - grazing sheep can cause a loss of natural vegetation which could lead to soil erosion. Some farmers do not like tourists walking on their land.

Forestry - non-native species can alter ecosystems causing increased soil erosion and distort predator populations. Non-native trees also tend to grow quicker than native species preventing native woodlands from becoming established. Monocultures also reduce biodiversity.

Quarrying - the destruction of habitats and creation of ugly scars on the landscapes could result in a decrease in tourism. This would impact the local economy. Locals also complain that guarry traffic and machinery is noisy and disruptive.

Striding Edge at Helvellyn).