

Bob Titus' ideas on the deglaciation of Diamond Notch, 6/4/98:

Mtn. local glaciers - might have been in the amphitheatres on West Kill Mtn. and have contributed to the drift as well as the ice sheet.

Moraines - With each stage retreat of the glacier, a moraine loop was built across the Diamond Notch Valley. These are steep, rocky slopes & a narrow valley.

Artwash alternating - Where the valley broadens out it is flat & less stony, the drift is probably artwash from each moraine & below it.

Original glacial stream channel higher than present

Underfit stream - The terraces which hold log wash might have been the floor of a much larger periglacial stream. The present brook (Hollar Tice) is

No alluvium in high Catskills - Underfit.

Alluvium is rare in the Catskills along the streams. The

Flat areas are mainly artwash, e.g. Stony Clove Valley between Lanerille & the Canyon Line