Review Exam 2 – Geomorphology – ESCI375

*Topics
Mass Movements
1 – Classification
2 – The safety ratio
Fluvial Systems
1 – Sediment transport and controls on sediment supply
2 – Drainage basins
3 – Flood frequency analysis
4 – Stream morphology – the graded stream and how a stream adjusts its profile and geometry (W,D,V) to changes in Q or sediment.
5 – Mannings equation, Reynolds numbers, and Froude numbers.
6 – Competency diagrams
7 – Gaining and losing streams and their relationship with the topography of the water table.
8 – Hydraulic geometry
9 – Field description at the Little Killbuck*