

For each location we visit during the semester, please record the following information to aid in your ability to interpret the processes contributing the existence of the ecosystem occurring at the location:

Date:

Location:

Bedrock geology – describing the rock type (sandstone, limestone, granite, basalt, etc.) and structure (faulting/fracturing) - important if bedrock within 10 m of surface:

Geomorphic processes that have shaped the landscape (volcanism, glacial activity, erosion and deposition by wind and water, landslides/mass movement, etc.):

Landform – morainal hills, outwash plain, etc.:

Surficial geology (parent material):

Morphometry - elevation, aspect, slope, landscape position:

Local climate - orographic effects, slope and aspect effects, lake effect:

Soil – Series, texture, drainage, horizon development, organic matter accumulation, pH:

Potential natural vegetation – plant community occurring if successional processes could be completed without interference by man, under existing climatic and edaphic conditions (from habitat guide):

Description of existing vegetation: