

Type III - Impact from acidic precipitation improbable except for overland runoff effects in areas of frozen ground.

Type IV - No impact to aquatic ecosystems.

Evaluation

Only applicable where overburden is shallow. Soil depth, topography and orographic precipitation are recognized as contributing factors but not considered in the analysis. Although water chemistry reflects the most reactive bedrock type in watersheds, there is no indication of the influence of each bedrock type on the overall buffering capacity. A ranking of relative abundance is suggested.

"Highly fossiliferous sediments and/or metamorphic equivalents" can be considered Type IV only if they are carbonate bearing.