

supply and quality, sediment supply, and biodiversity. In these small channels, landslides, debris flows, and fluvial flood flows occur episodically—creating diverse aquatic habitat and riparian wetlands.

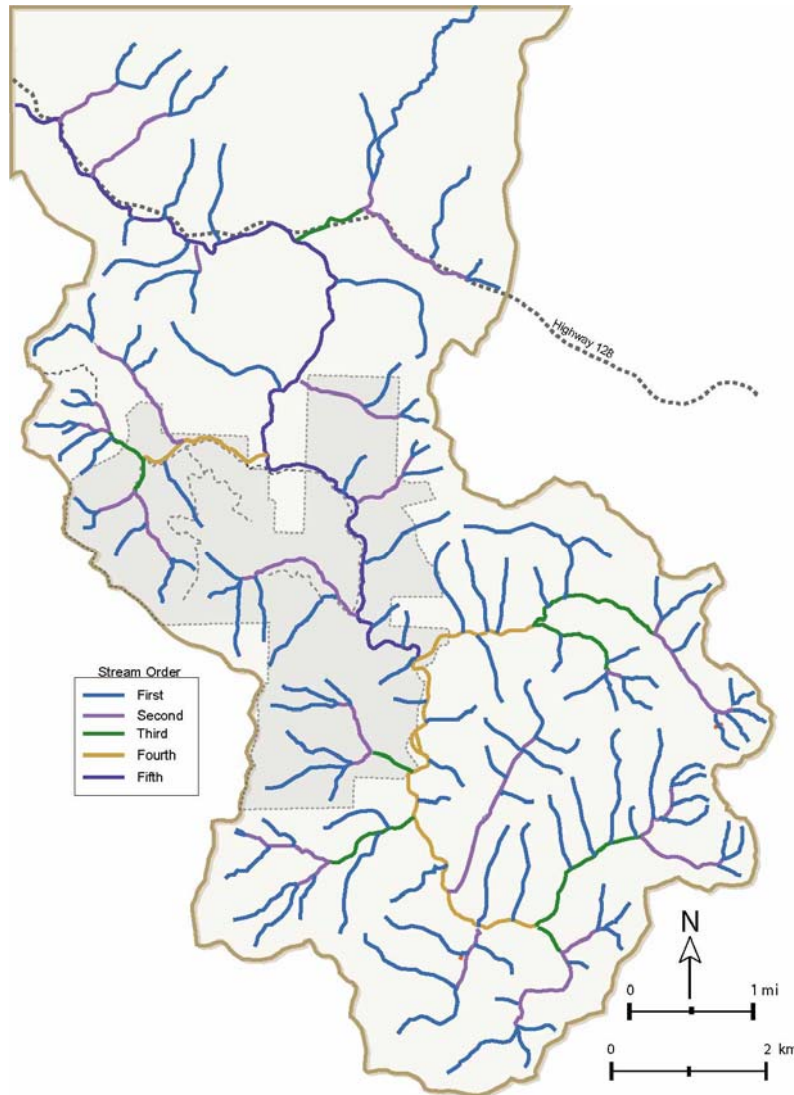


Figure 6. Preliminary Stream Order Map of Upper Rancheria Creek.

Rancheria Creek Fluvial Geomorphology: Field Reconnaissance

A field reconnaissance of Rancheria Creek was conducted in the reach upstream of the barn within the Galbreath Preserve. In this reach, the main stem of Rancheria Creek is a gravel-cobble bed stream, with an inactive terrace, an active floodplain, bars, and some riffle-pool habitat. Observations of morphologic characteristics and geomorphic and vegetation interactions can lead to further research investigations. The following reflects field observations and