Soils and Land Use at the Henning's Lonesome Apple Tree Ridge Site, Eau Claire County, Wisconsin
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Abstract
The purpose of this project is to present the results of research designed to provide data that can be used to develop land use policies that are based on empirical evidence. Currently, Wisconsin's land use policies are developed based on subjective, anecdotal data. The research presented in this paper is derived from a study conducted at the Henning's Lonesome Apple Tree Ridge Site in Eau Claire County, Wisconsin. The study is focused on the identification of soil profiles and the analysis of their characteristics. The results of this study will be used to develop land use policies that are based on empirical evidence.

Introduction and Methods
Soils and the Environment at the Site
Soils are influenced by a variety of factors, including climate, topography, parent material, and the time factor. The study site is located in Eau Claire County, Wisconsin, and is characterized by a loessial landscape. The soil profiles observed at the site are consistent with the loessial landscape of the region. The soil profiles are characterized by a Bt horizon, which is a fine, dark brown, organic-rich horizon. The Bt horizon is typically found at the base of the soil profile and is characterized by a high clay content.

Methods
The methods used in this study were based on the Soil Survey Manual (Soil Survey Staff, 1993). The soil profiles were described using the Soil Taxonomy system (Soil Survey Staff, 1993). The soil profiles were characterized by the following horizons: Ap, A1, A2, Bt, Bt2, EBt, 2CB, and 2C2. The horizons were described using the following terms: color, texture, structure, consistency, water content, and mottles.

Results
The results of this study indicate that the soil profiles at the Henning's Lonesome Apple Tree Ridge Site are characterized by a Bt horizon, which is typically found at the base of the soil profile. The Bt horizon is characterized by a high clay content and a dark brown color. The soil profiles are characterized by a well-developed horizonation, which is typical of a loessial landscape. The soil profiles are also characterized by a high water content, which is typical of a loessial landscape.

Conclusions
The results of this study indicate that the soil profiles at the Henning's Lonesome Apple Tree Ridge Site are characterized by a Bt horizon, which is typically found at the base of the soil profile. The Bt horizon is characterized by a high clay content and a dark brown color. The soil profiles are characterized by a well-developed horizonation, which is typical of a loessial landscape. The soil profiles are also characterized by a high water content, which is typical of a loessial landscape.

Recommendations
Based on the results of this study, it is recommended that land use policies be developed based on empirical evidence. The results of this study indicate that the soil profiles at the Henning's Lonesome Apple Tree Ridge Site are characterized by a Bt horizon, which is typically found at the base of the soil profile. The Bt horizon is characterized by a high clay content and a dark brown color. The soil profiles are characterized by a well-developed horizonation, which is typical of a loessial landscape. The soil profiles are also characterized by a high water content, which is typical of a loessial landscape.

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References

Additional Information
The soil profiles observed at the Henning's Lonesome Apple Tree Ridge Site are consistent with the loessial landscape of the region. The soil profiles are characterized by a Bt horizon, which is typically found at the base of the soil profile. The Bt horizon is characterized by a high clay content and a dark brown color. The soil profiles are characterized by a well-developed horizonation, which is typical of a loessial landscape. The soil profiles are also characterized by a high water content, which is typical of a loessial landscape.