

Road Cuts in the Flint Hills: An Overview of Ecological Health

differences between outcrops. Each site was documen

An “unknown animal hole” describes evidence of animal activity/burrowing, and a place in which an animal could live, but in which it could not be determined if it was occupied and by what species.

Structural

Integrity

Juliette’s

outcrop is 5.3

meters high and

was six rock layers, alternating shale and limestone. Shale is the bottom un 2 2(b)-0.957028(o)-0.95033(.)-0.479431()-63lyoto

Scenic Drive's outcrop was 3.8 meters tall a

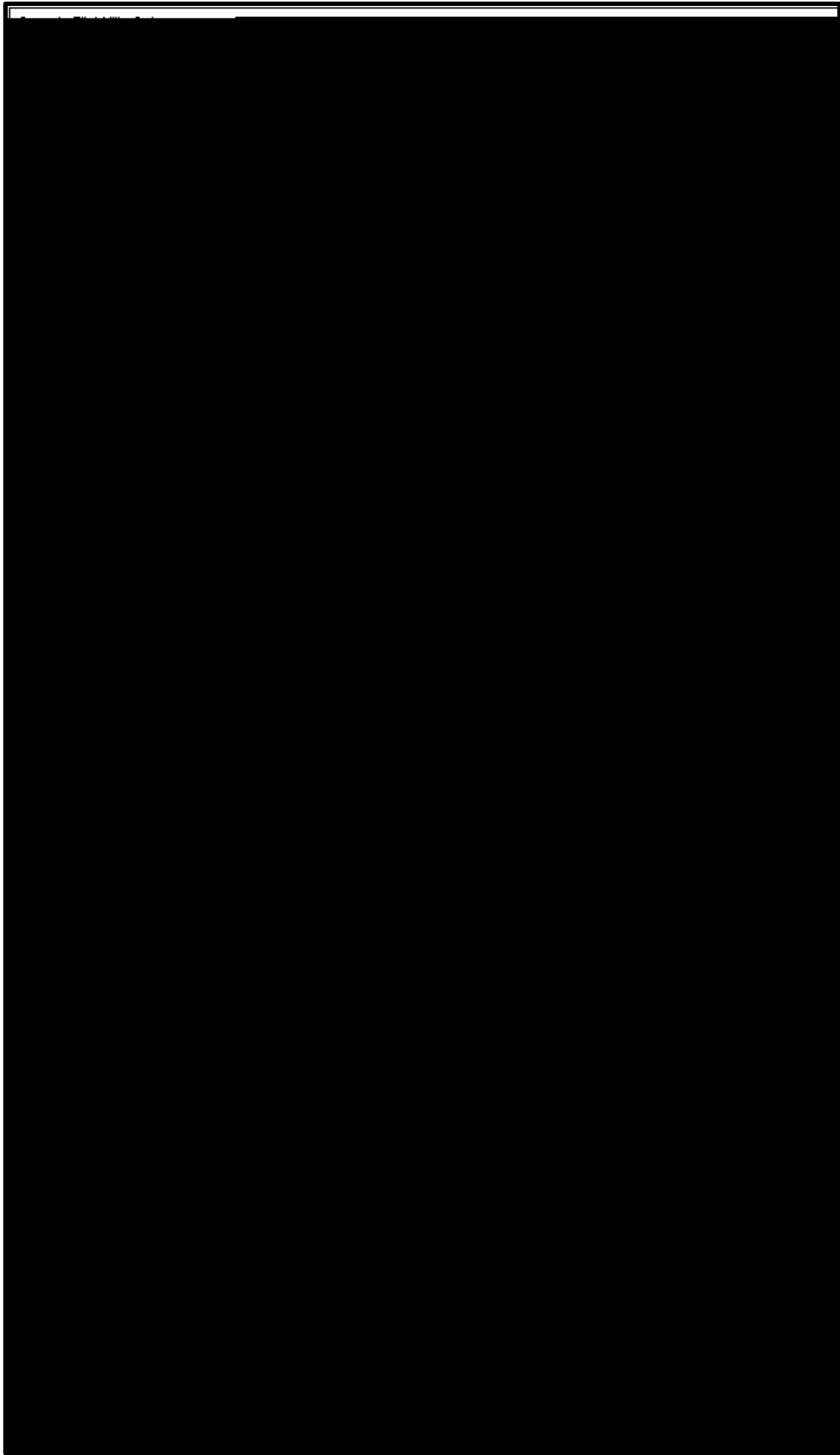
thicker than other road cuts. The shale was from 2-4 meters thick. From the base of the erode shale to the road was about 6 meters. Shale at Tuttle was 30-35°. Shale has been penetrated by

Aspect	M:		3.36 MPa	6	24.7 MPa	34.5
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constructed road. On top of the outcrop there is a large amount of vegetation that seems to help

Summary of Results

<i>Site</i>	<i>Aspect</i>	<i>Shale Gradient</i>	<i>Most Dominant Vegetation</i>	<i>Animal - # of species</i>	<i>Animals - # of individuals</i>
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sites. It is unclear if the slight difference in vegetation composition has an impact on structural integrity, but this could be a good area of future study.

References

Avsar, H. Akgn, and M. K. Kokar. 2014. Investigatio

