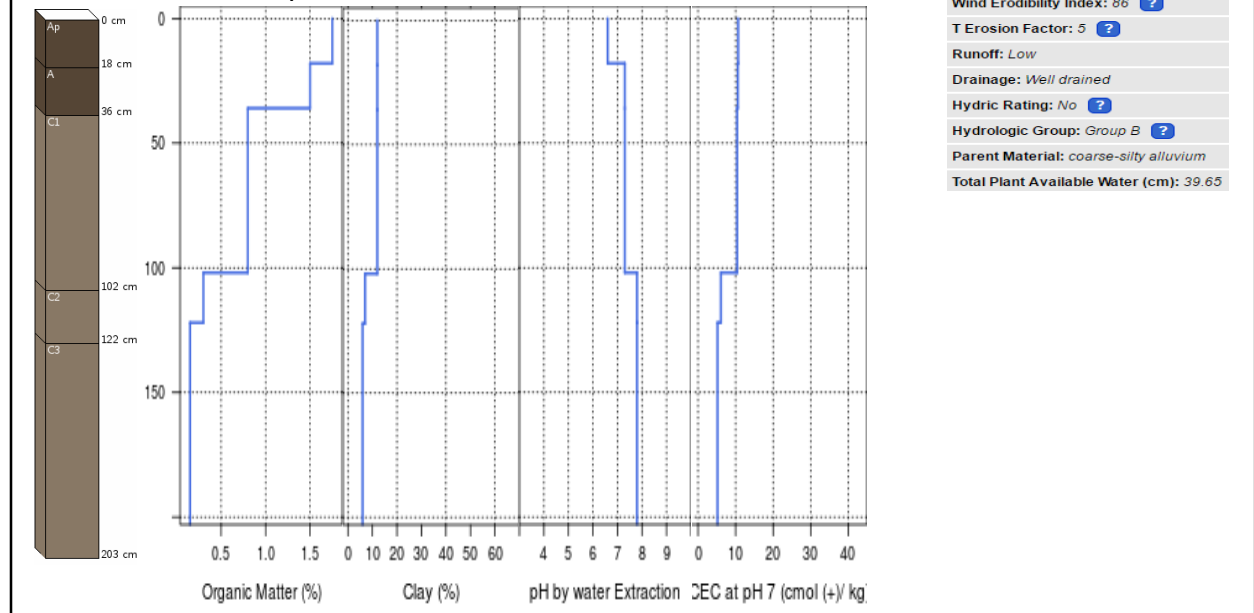


PERRY 2017 Soybean

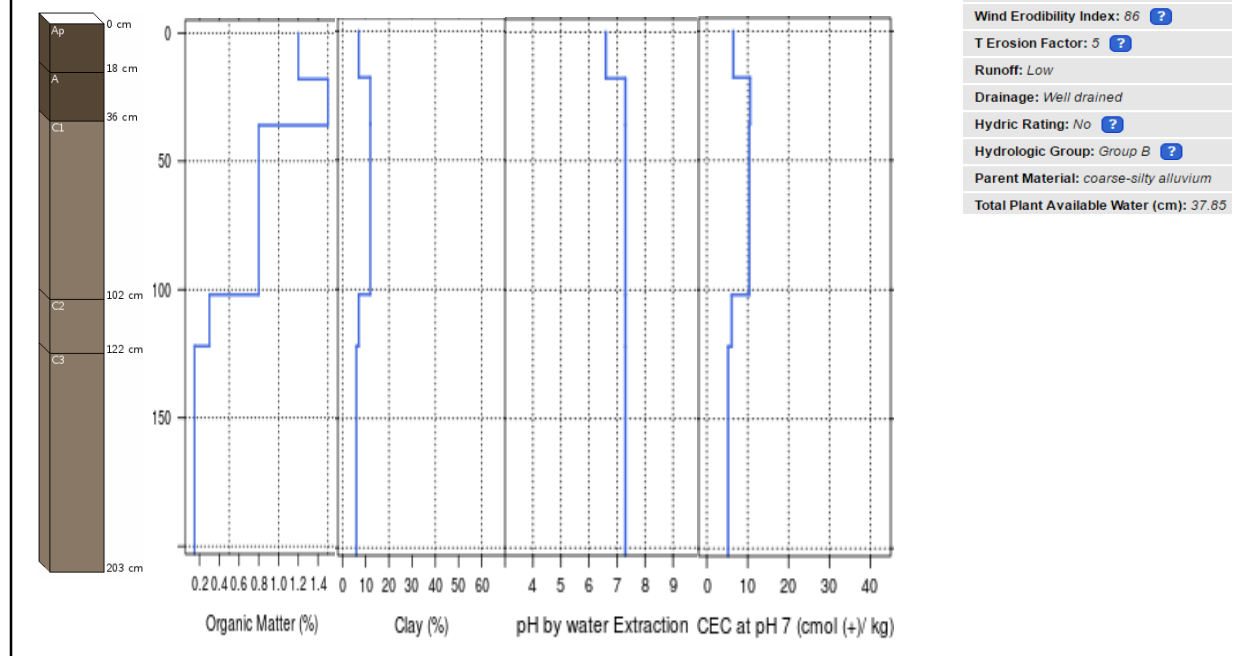
Acres, 140



7036: Mollisols, Haplustolls.



7035: Mollisols, Hapludolls



Landscape characterization:

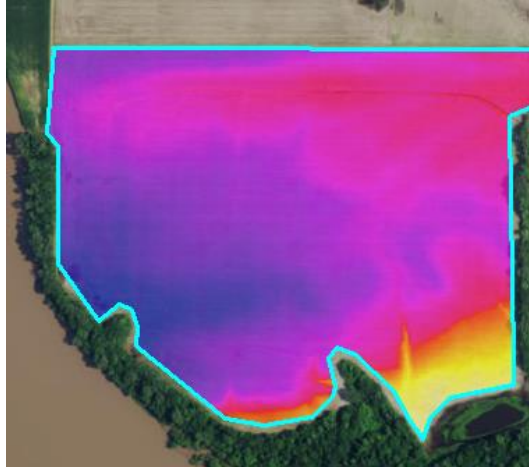


Figure 1: Altitude

Figure 2: slope

Satellite data Analysis:

NDVI:

2012-2014-2016:

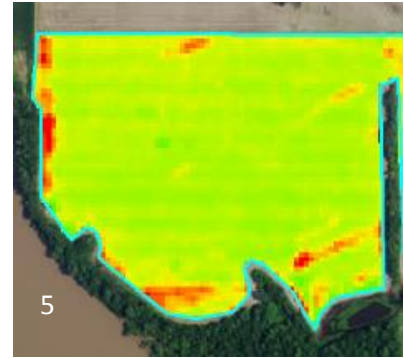
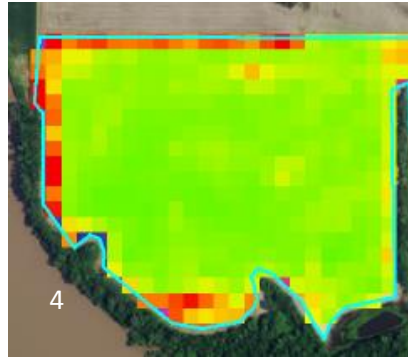
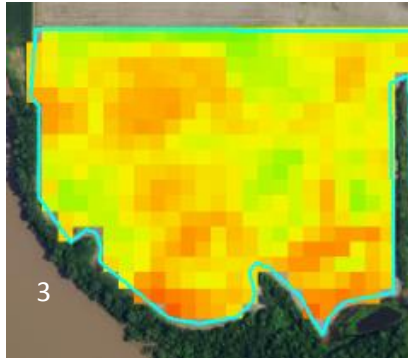


Figure 3: NDVI L7 summer 2012

Figure 4: NDVI L8 summer 2014

Figure 5: NDVI S2 summer 2016

2013-2015:

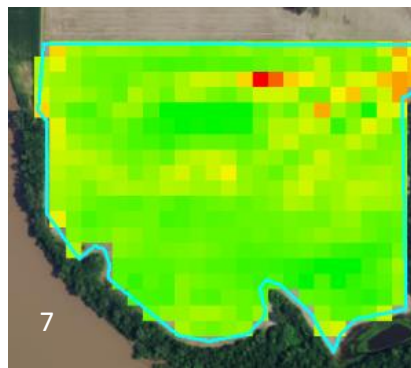
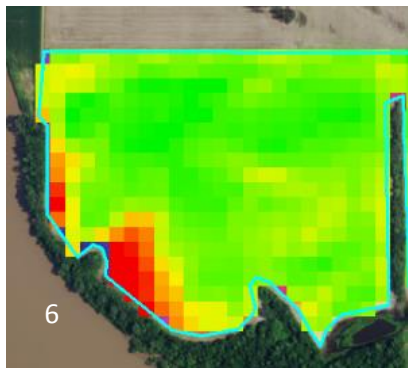
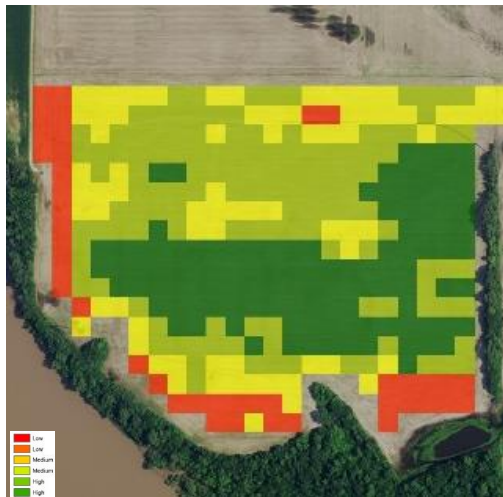


Figure 6: NDVI L8 summer 2013

Figure 7: NDVI L8 summer 2015

Iso clustering:

Data from 2014 and 2016



Clustering for 2014 and 2016. The lower NDVI values are coincident with the lowest parts in the topography, as well as the higher values of NDVI coincide with the higher part.

Season 2017

NDVI SATELLITE IMAGERY:

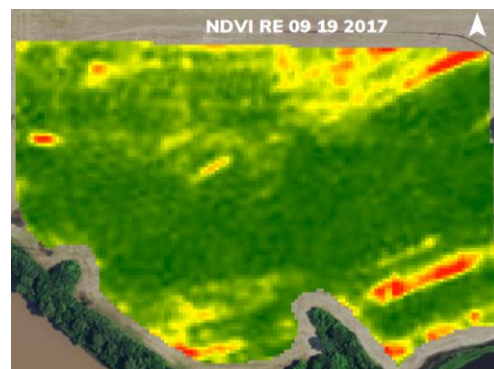
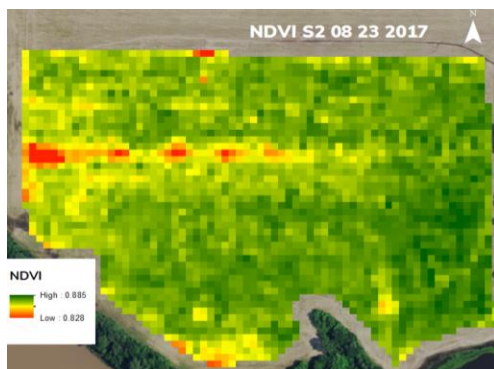
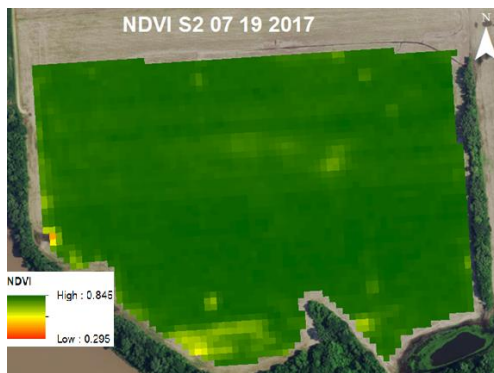
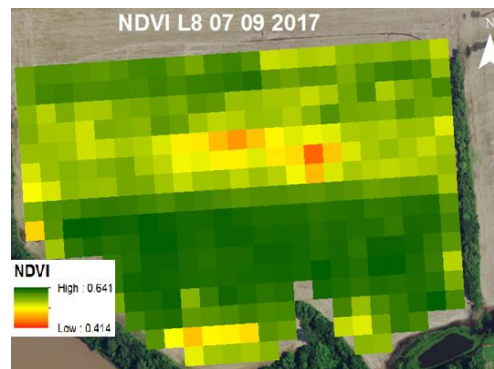
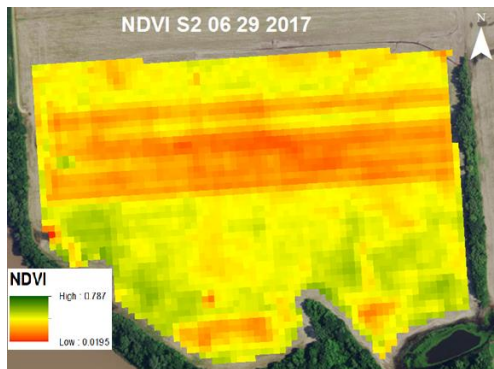


Figure 8: NDVI S2 June 29

Figure 9: NDVI L8 July 9

Figure 10: NDVI S2 July 19

Figure 11: NDVI S2 August 3

Figure 12: NDVI S2 August 23

Figure 13: NDVI Rapid Eye September 19