RE: Central Illinois Geomorpology KMZ file
Roadcap, George to: Steve Johnson, GARY CYGAN 01/25/2010 12:07 PM
Cc: "Wehrmann, Allen"

Steve - Without getting lost in a discussion of the regional geomorphology, I think we simply need to look at the local field evidence of the erosional potential of Salt Creek. I have attached some aerial photos and a picture of Salt Creek taken yesterday. Between the 1941 and 2005 the stream channel next to the landfill has changed dramatically with one meander being cut off and another one forming. The new meander is moving north towards the proposed landfill. The photo of Salt Creek just downstream of the proposed landfill shows active erosion of the valley wall.

From a regional perspective, Salt Fork is incised though the end moraine creating the potential for steeper gradients and more erosion.

George

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-----Original Message-----
From: Johnson.Steve@epamail.epa.gov [mailto:Johnson.Steve@epamail.epa.gov]
Sent: Friday, January 22, 2010 6:14 PM
To: Roadcap, George
Subject: RE: Central Illinois Geomorpology KMZ file

I'm not really sure what goes out when I send. I had everything but illinois material turned off and segregated. Can't figure out what happened. Everything looks fine when I open up Google on my system. Here is a Jpg. It's really crude and buggy. Can't get rid of the ghosts.

I checked this file...yes for some reason it takes you to Ohio but you can just scrolll back to Illinois. Turn of the Coshocton Folder. I didn't think It was in the kmz file I originally sent and can't figure out how it got there.

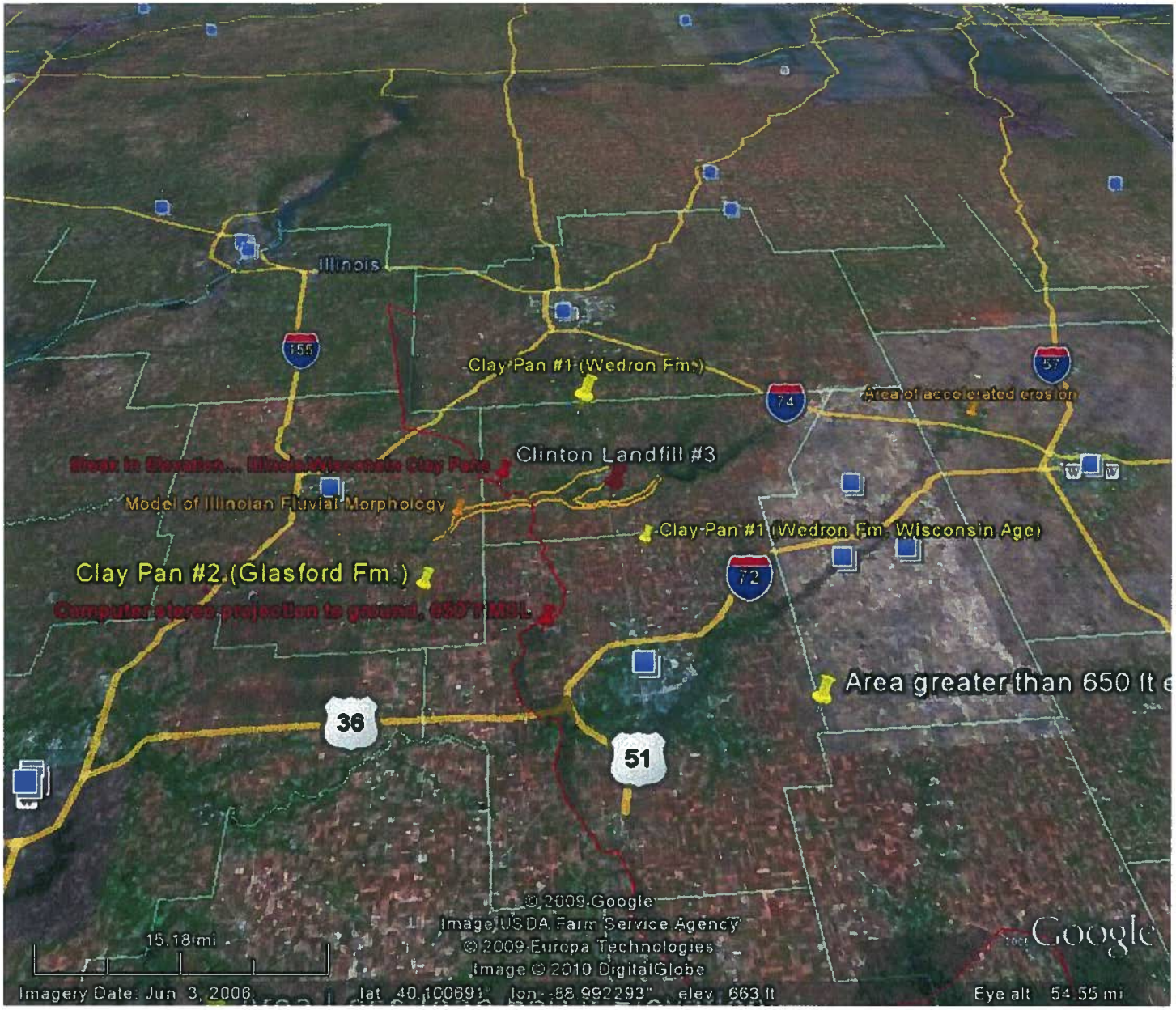
If all fails, the jpg does work.

(See attached file: Central Illinois Geomorphology.kmz)

+(See attached file: Illinois Clay Pan geomorphology.jpg)

Steve Johnson

I sent something on Heritage in Indiana. It's location is really iffy, geomorphologically.


Illinois
155
Clay Pan #1 (Wedron Fm.)
74
57
Area of accelerated erosion
Clinton Landfill #3
Model of Illinoian Fluvial Morphology
Clay-Pan #1 (Wedron Fm. Wisconsin Age)
Clay Pan #2 (Glasford Fm.)
72
Area greater than 650 ft
36
51
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15.18 mi
Imagery Date: Jun 3, 2008
lat 40.100691° lon -88.992293° elev 663 ft
Eye alt 54.55 mi
Google