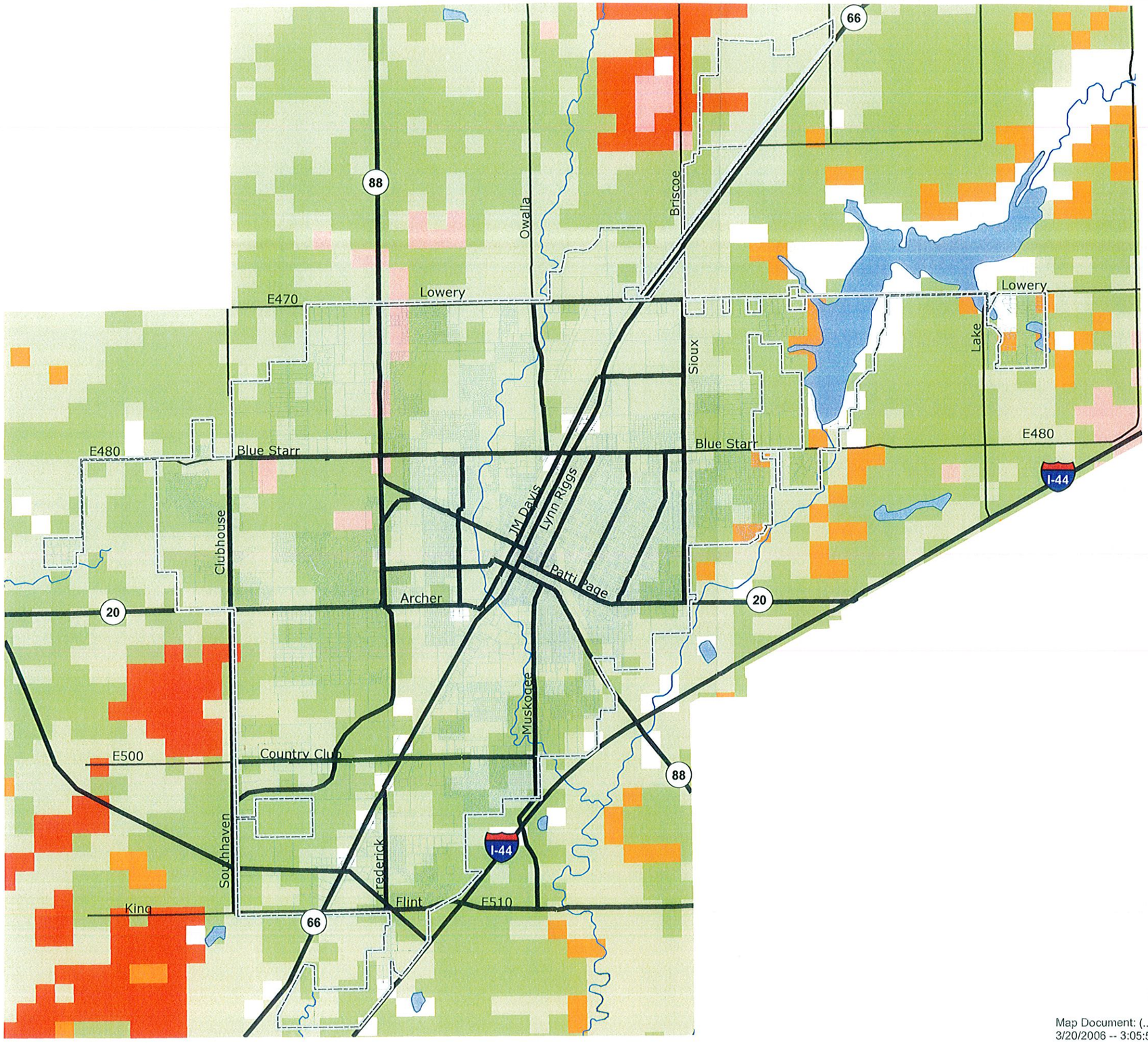
Exhibit D.11
Slopes
City of Claremore



Legend

Parcel Boundaries

City Limits

Major Streets

Highways

Creeks and Streams

Lakes and Ponds

Slope

Slopeh

1 - 4

4 - 8

8 - 15

15 - 20

20 - 35

35 - 65

N
W E
S

Miles

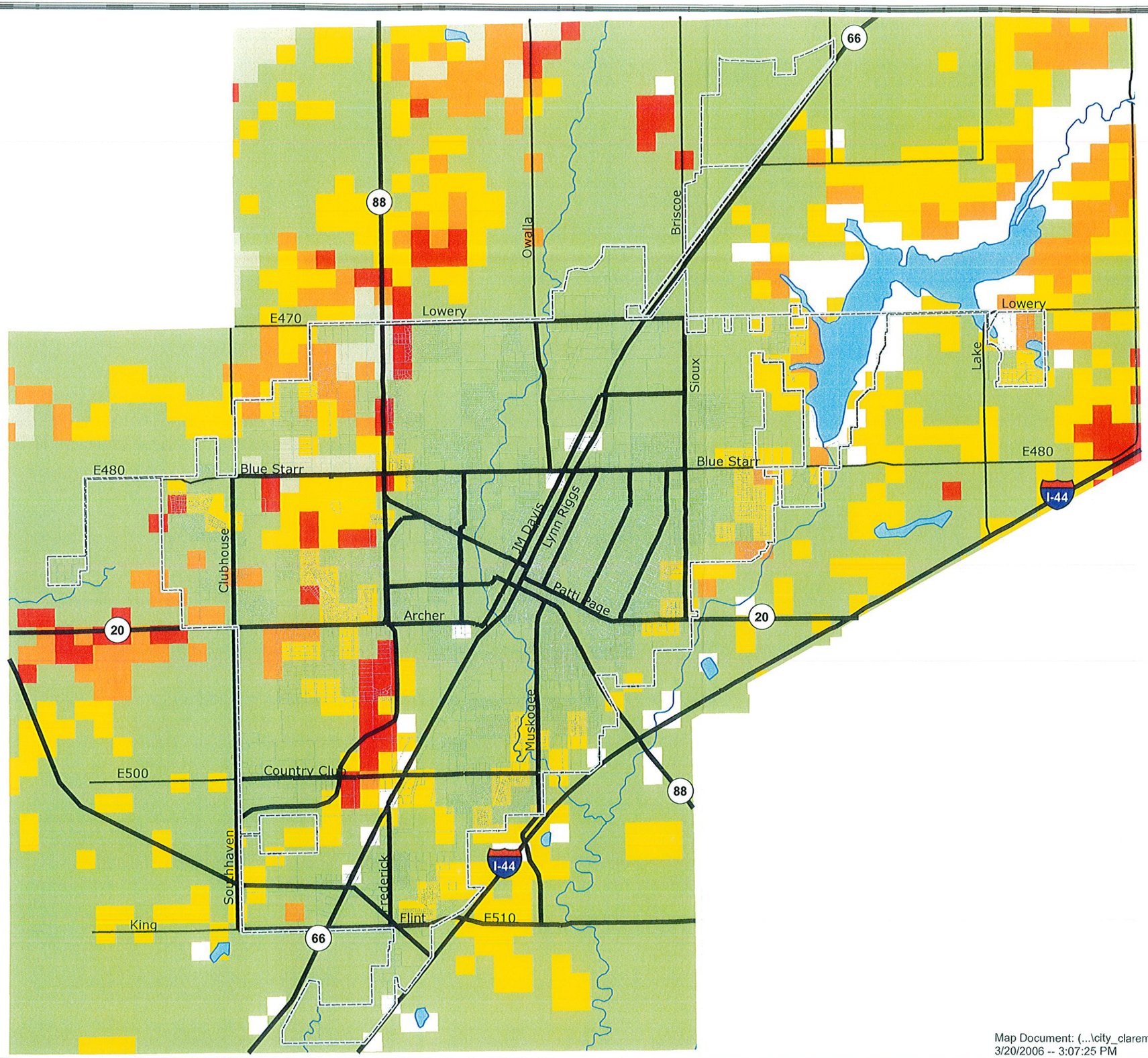
0 0.5 1

INCOG

Source: Natural Resources Conservation Service
MIADS Soil Data

Map Document: (...\city_claremore\a_MAPS\city_claremore_environ_slopes(11x17).mxd)
3/20/2006 -- 3:05:59 PM

Exhibit D.12
Depth to Bedrock
City of Claremore



Legend

Parcel Boundaries

City Limits

Major Streets

Highways

Creeks and Streams

Lakes and Ponds

Depth to Bedrock

inches

- 3 - 4
- 4 - 6
- 6 - 10
- 10 - 24
- 24 - 30
- 30 - 48
- 48 - 60

N
W E
S

Miles

0 0.5 1

INCOG

Source: Natrual Resources Conservation Service, MIADS Soils Data

Map Document: (...\city_claremore\a_MAPS\city_claremore_environ_depth_bedrock(11x17)_2.mxd)
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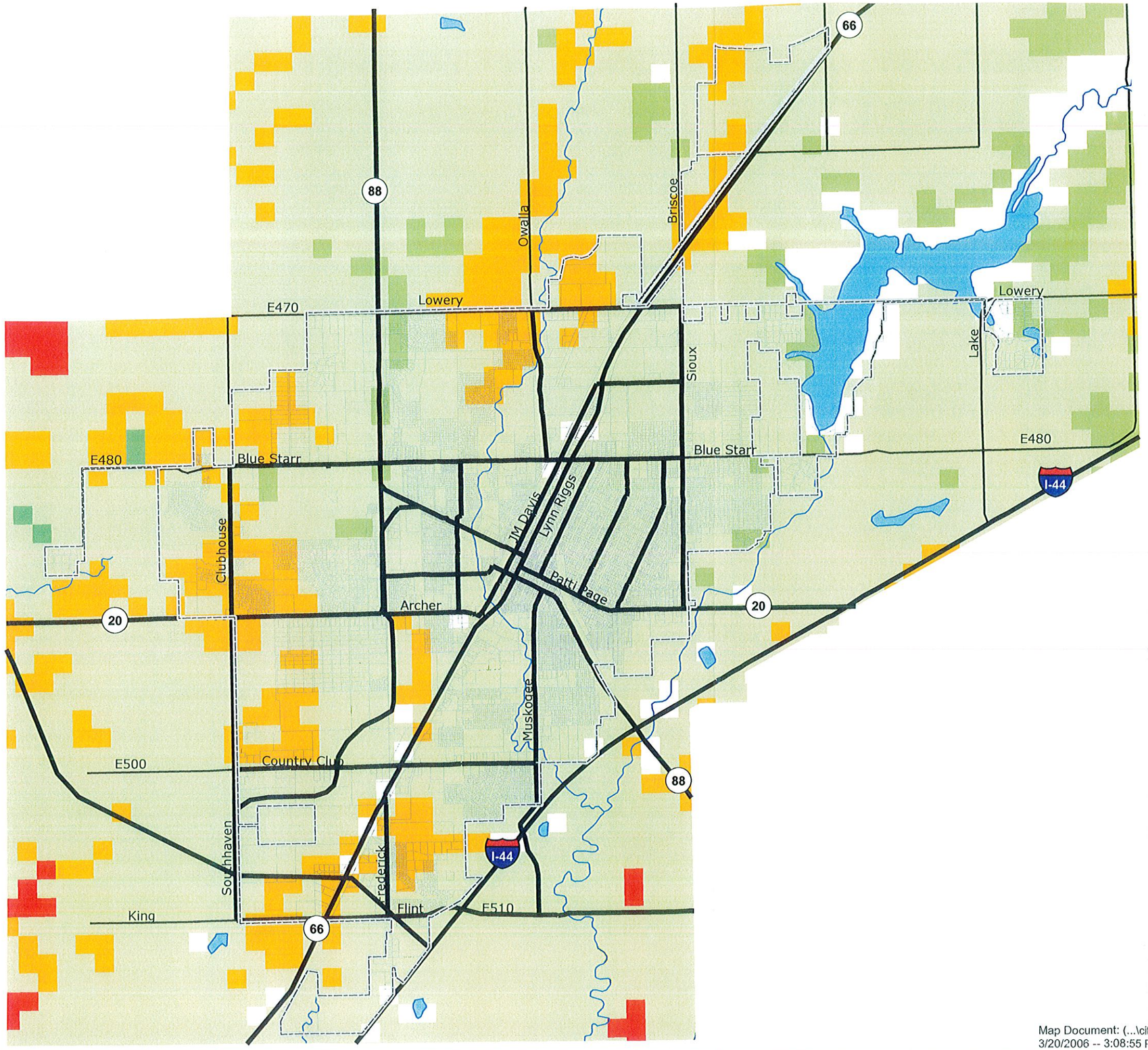
Exhibit D.13
Soil Permeability
City of Claremore



Legend

Parcel Boundaries

City Limits

Major Streets

Highways

Creeks and Streams

Lakes and Ponds

Permeability

inches per hour

- 0.06 (very slow)
- 0.06 - 0.2 (slow)
- 0.2 - 0.6 (moderately slow)
- 0.6 - 2 (moderate)
- 2 - 6 (moderately rapid)
- 6 - 20 (rapid)

N W E S

Miles

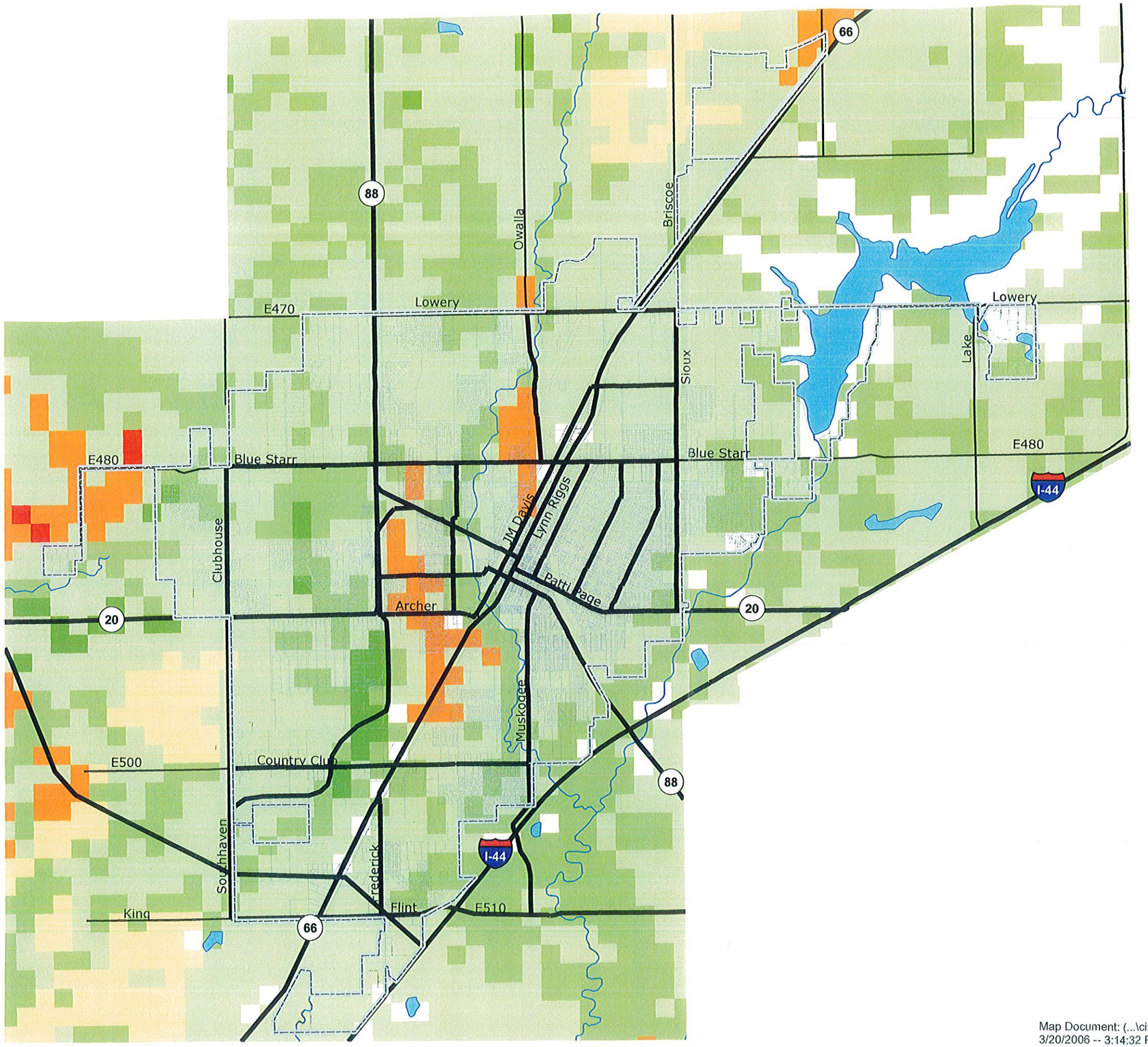
0 0.5 1

INCOG

Source: Natural Resouces Conservation Service, MIADS Soil Data

Map Document: (...\city_claremore\a_MAPS\city_claremore_environ_permeability(11x17).mxd)
3/20/2006 -- 3:08:55 PM

Exhibit D.15
Organic Matter
City of Claremore



Legend

Parcel Boundaries

City Limits

Major Streets

Highways

Creeks and Streams

Lakes and Ponds

Organic Matter

Percent by weight

- 0.1 - 0.5
- 0.5 - 1
- 1 - 2
- 2 - 3
- 3 - 4
- 4 - 7

N
W E
S

Miles

0 0.5 1

INCOG

Source: Natural Resource Conservation Service, NIADS Soil Data

Map Document: (...\city_claremore\a_MAPS\city_claremore_environ_organic(11x17).mxd)
3/20/2006 -- 3:14:32 PM

Exhibit D.16
Surface Mining , Oil and Gas Wells
City of Claremore
Legend

Highways

Major Streets

Parcel Boundaries

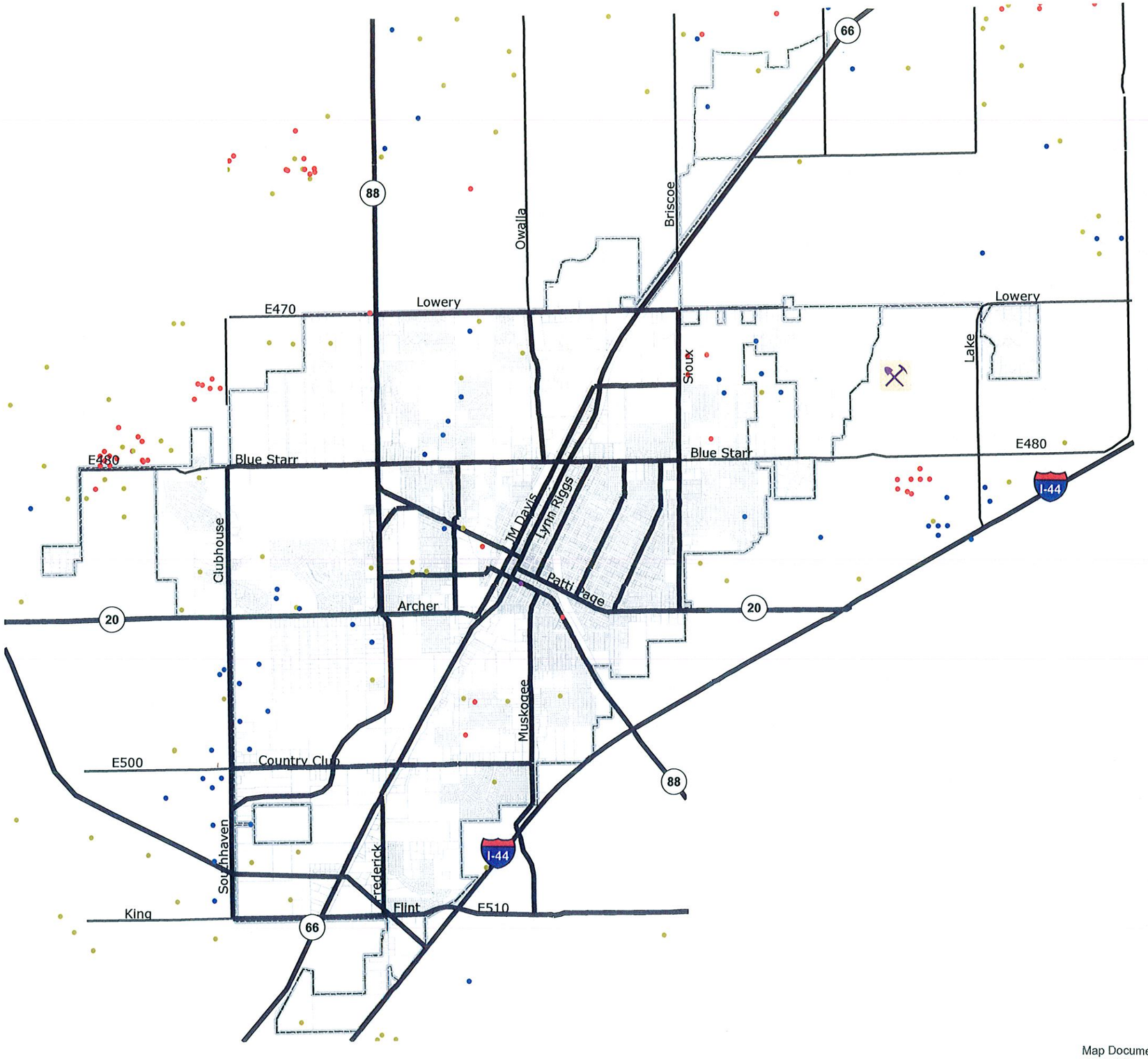
Oil and Gas Wells

TYPE OF WELL

- Oil Well
- Dry Well
- Gas Well
- Injection Well
- MO
- J&A
- MG
- SUSP
- MOG&C

City Limits

Coal Mine



N
W E
S

Miles

0 0.5 1

INCOG

Map Document: (...\city_claremore\a_MAPS\city_claremore_environ_oil(11x17).mxd)
3/20/2006 -- 3:16:06 PM