

Legend table with columns: SYSTEM, STRATIGRAPHIC UNIT, FORMATION, MEMBER, AND BED, LITHOLOGY, THICKNESS (FEET), and COMMENTS.

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developed extensive conglomerates in basal part of sandstone. Conglomerates consist of rounded pebbles of quartzite, chert, and limestone. Some pebbles are as large as 10 cm. The conglomerates are locally abundant in the upper part of the sandstone. The sandstone is locally silty and contains thin layers of shale. The sandstone is locally silty and contains thin layers of shale. The sandstone is locally silty and contains thin layers of shale.

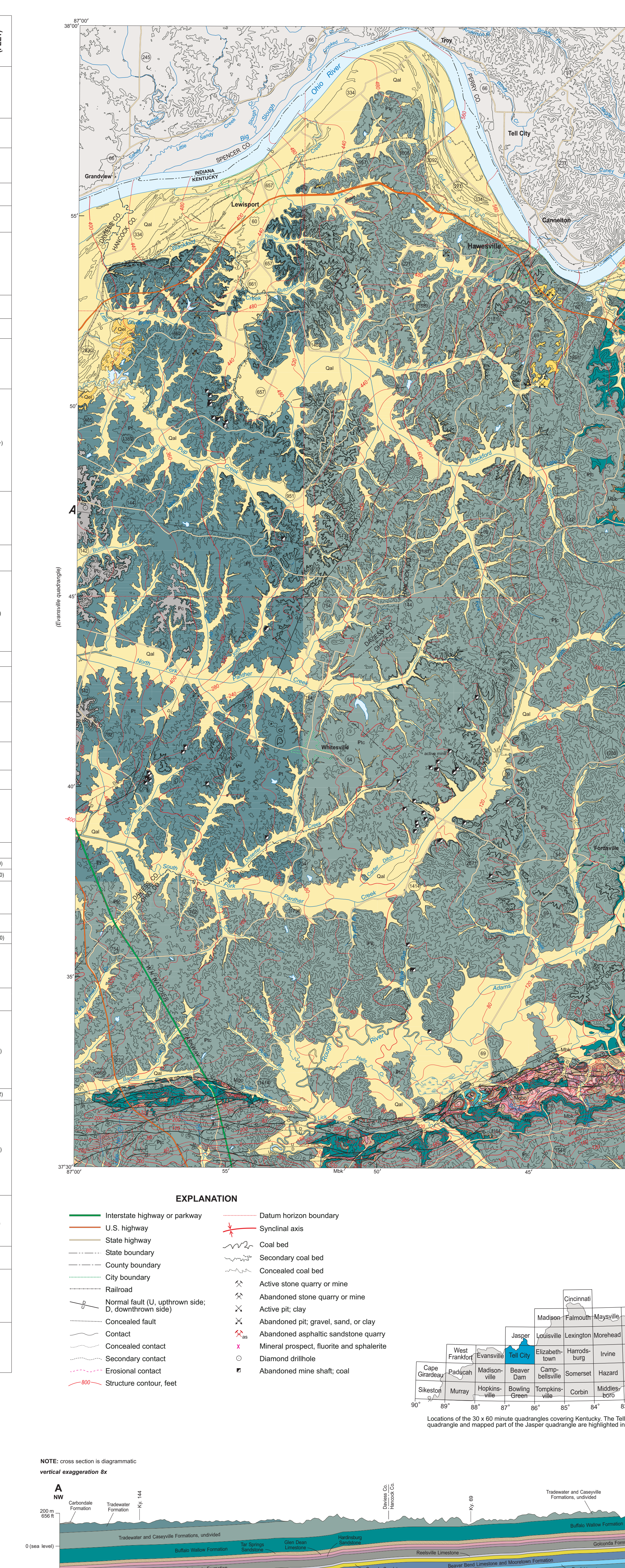


Figure 1. Locations of the 38 quadrangles used in the digital compilation of the Tell City and Jasper 30 x 60 minute quadrangles, West-Central Kentucky.

the rough Creek Fault System is an east-west-trending fault system that crosses the western part of the Tell City and Jasper 30 x 60 minute quadrangles. The fault is characterized by a zone of crushed rock and is accompanied by a zone of brecciated rock. The fault is accompanied by a zone of brecciated rock and is accompanied by a zone of brecciated rock.

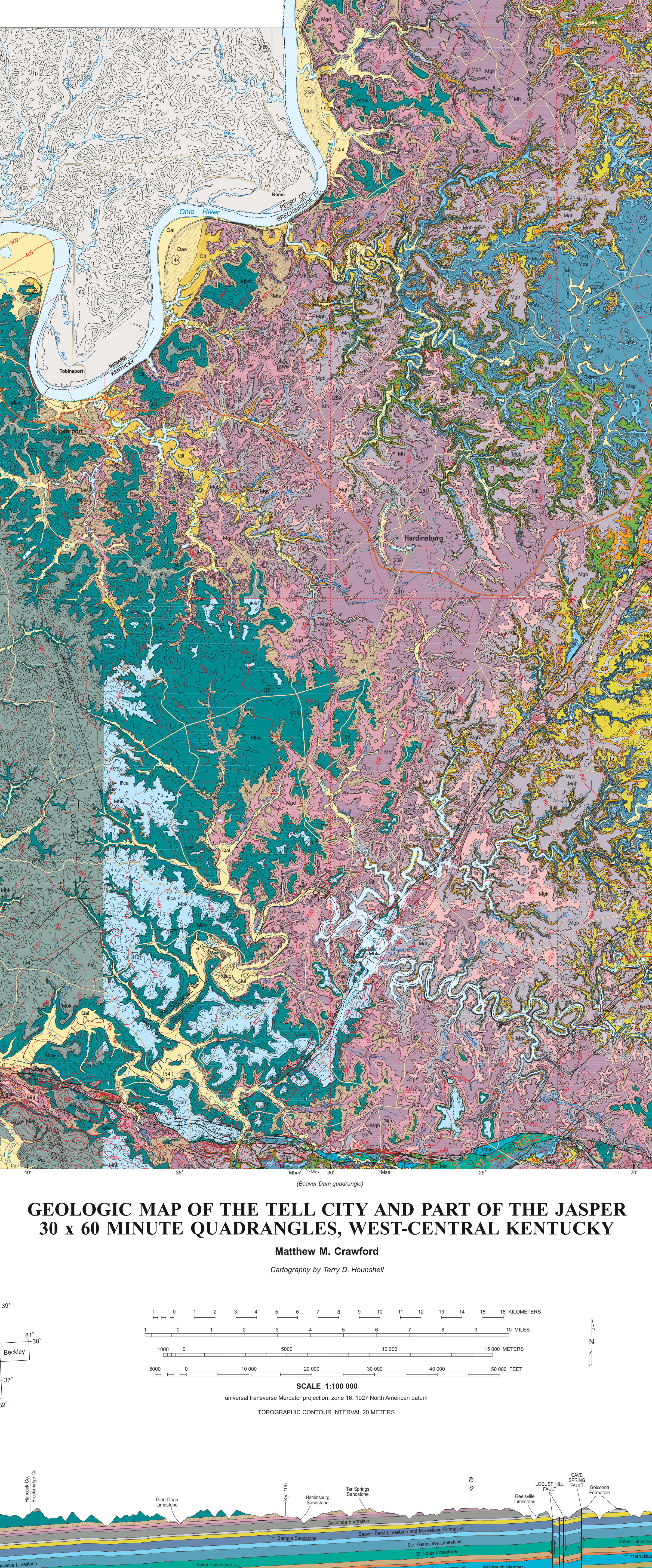


Figure 2. Location of structure contours in the Tell City and Jasper 30 x 60 minute quadrangles. The map shows structure contours and a scale bar.

range from 0.40 to 1.00 at the edge of the coal field in the northeastern part of the quadrangle to 2.50 to 3.00 in the extreme northeastern part of the quadrangle. The coal is locally abundant in the upper part of the sandstone. The coal is locally abundant in the upper part of the sandstone. The coal is locally abundant in the upper part of the sandstone.

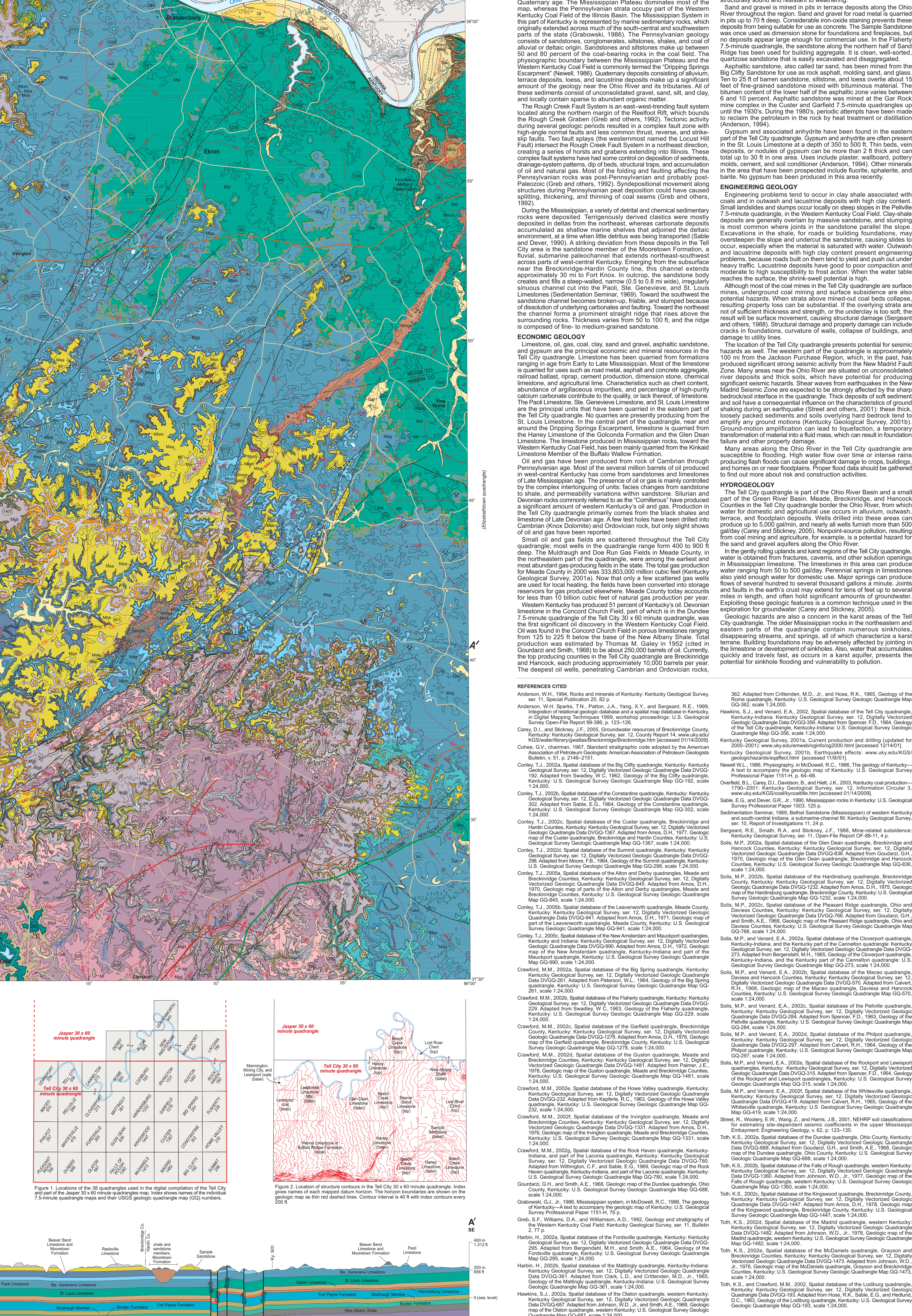


Figure 3. Location of structure contours in the Tell City and Jasper 30 x 60 minute quadrangles. The map shows structure contours and a scale bar.

- Interstate highway or parkway
U.S. Highway
State Highway
County boundary
City boundary
Normal fault (U. upthrown side; D. downthrown side)
Railroad
Concealed fault
Concealed contact
Secondary contact
Erosional contact
Structure contour, foot

ACKNOWLEDGMENTS

This map was digitally prepared from 1:250,000 scale geologic maps under the STRIPMAP program...

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EXPLANATION

- Datum horizon boundary
Synclinal axis
Coal bed
Concealed coal bed
Active stone quarry or mine
Abandoned stone quarry or mine
Active pit, gravel, sand, or clay
Abandoned asphaltic sandstone quarry
Mineral prospect, fluorite and sphalerite
Diamond drillhole
Abandoned mine shaft, coal

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