



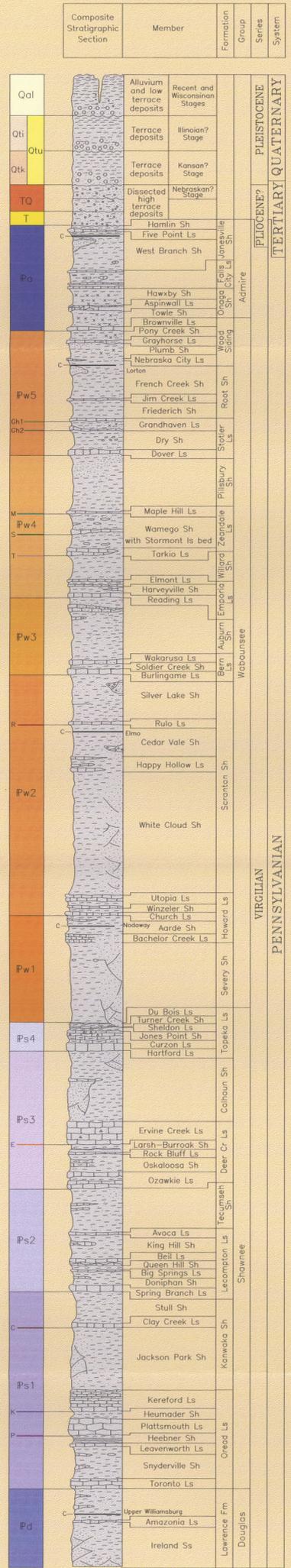
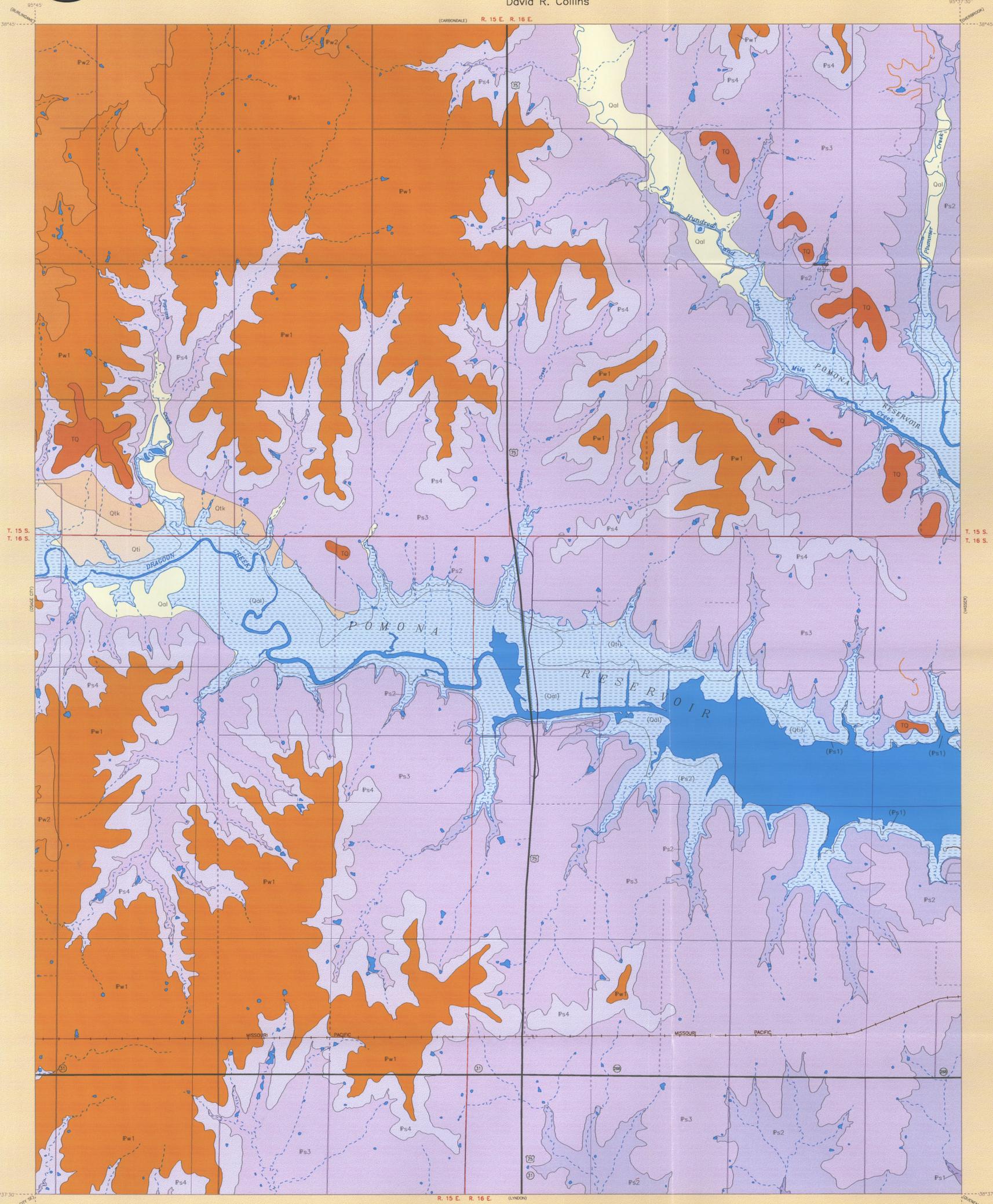
Geologic Map of the Lyndon NW quadrangle, Osage County, Kansas

2001

David R. Collins

Computer compilation and cartography by Jorgina A. Ross Michael Bunn

KANSAS GEOLOGICAL SURVEY THE UNIVERSITY OF KANSAS OFR 2001-42

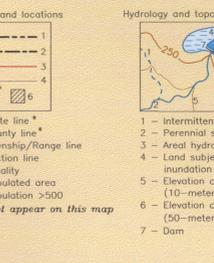
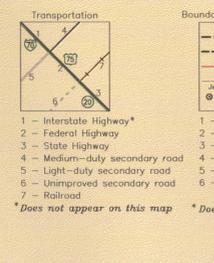
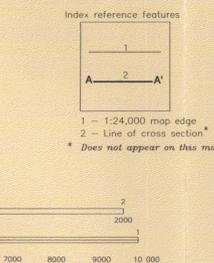
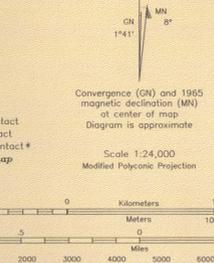
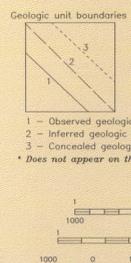


Elevation contours are presented for general reference. They are taken from USGS Digital Line Graph (DLG) files compiled from base maps at a scale of 1:100,000. In some places the contours from the DLGs may be more generalized than the base maps used for compilation of geologic outcrop patterns. Outcrop patterns on the map will typically reflect topographic variation more accurately than the associated contour lines. Repeated fluctuation of an outcrop line across a contour line should be interpreted as an indication that the mapped rock unit is maintaining a relatively constant elevation along a generalized contour. The geology was mapped in the field using U.S.G.S. 7.5-min. 1:24,000-scale topographic maps. A preliminary 1:63,630-scale map compiled by R.C. Moore for the 1936 edition of the state geological map was available for field checking.

This map was produced by computer-aided cartography using the GIMMAP (Geodata Interactive Management Map Analysis and Production) system developed at the Kansas Geological Survey. The Kansas Geological Survey does not guarantee this map to be free from errors or inaccuracies and disclaims any responsibility or liability for interpretations made from the map or decisions based thereon.

Suggested reference to this map:
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Partially funded by the National Cooperative Geologic Mapping STATEMAP Program.



EXPLANATION

	Unconsolidated silt and clay		Coal or lignite
	Sand, gravel, and conglomerate		Limestone
	Opaline sandstone		Shale or claystone
	Sandstone or sand		Black shale
	Undifferentiated sandstone or siltstone		Volcanic shale
			Shale with concretions
			Sandy limestone
			Cherty dolomite

LOCATION DIAGRAM



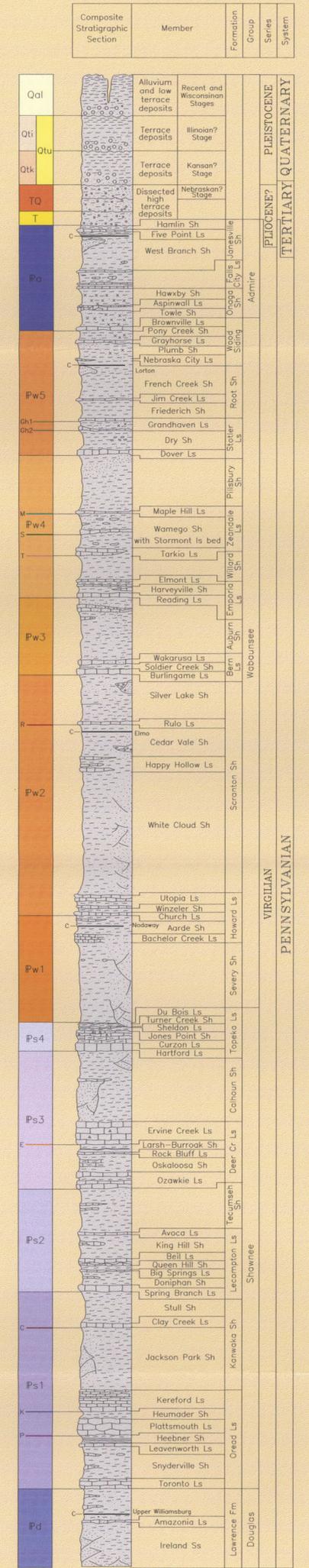
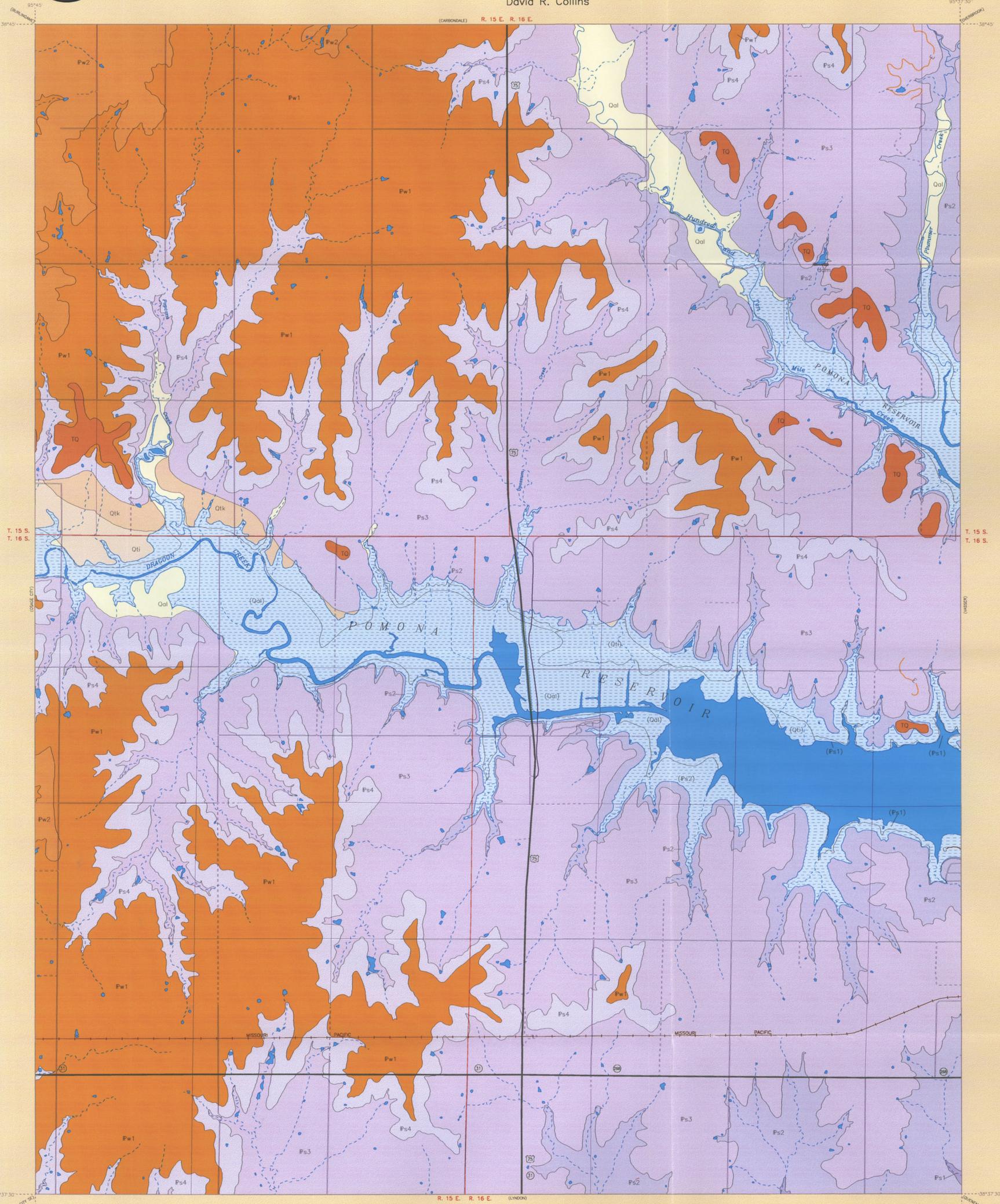
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