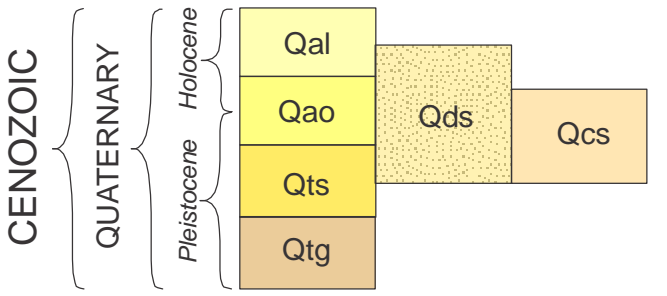


PRELIMINARY GEOLOGIC MAP OF THE ARDMORE 30' X 60' QUADRANGLE AND THE OKLAHOMA PART OF THE GAINESVILLE 30' X 60' QUADRANGLE,
CARTER, JEFFERSON, LOVE, MURRAY, AND STEPHENS COUNTIES, OKLAHOMA

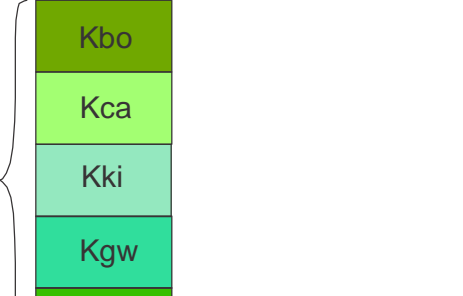
Compiled by Thomas M. Stanley and Julie M. Chang

2012

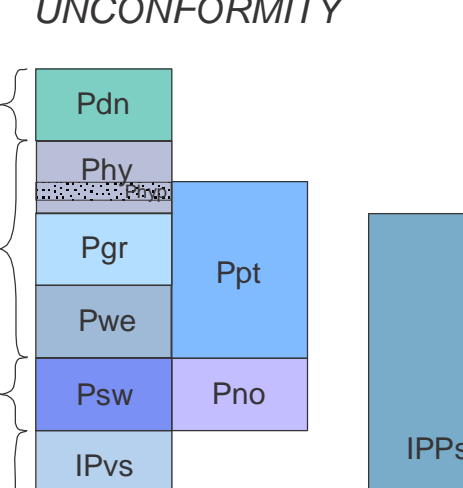
CORRELATION OF UNITS



INCONFORMITY



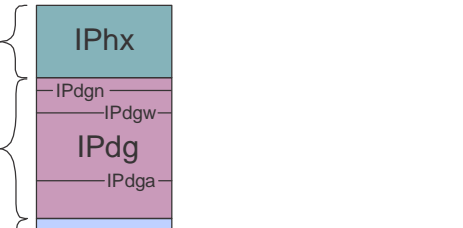
	Non- <i>in situ</i>	<i>In situ</i>
Number of cases	60	79
Median age (years)	68	68
Male/female	36/24	45/34
Median duration of disease (years)	10	10
Median haemoglobin A1c (%)	8.5	8.5
Median HbA1c at baseline (%)	8.5	8.5
Median HbA1c at follow-up (%)	8.5	8.5
Median weight (kg)	75	75
Median waist circumference (cm)	100	100
Median BMI (kg m^{-2})	30	30
Median systolic blood pressure (mmHg)	130	130
Median diastolic blood pressure (mmHg)	80	80
Median serum triglyceride level (mmol L ⁻¹)	1.5	1.5
Median serum HDL cholesterol level (mmol L ⁻¹)	1.0	1.0
Median serum LDL cholesterol level (mmol L ⁻¹)	2.0	2.0
Median serum total cholesterol level (mmol L ⁻¹)	3.5	3.5
Median serum uric acid level (mg dL ⁻¹)	6.0	6.0
Median serum creatinine level (mg dL ⁻¹)	1.0	1.0
Median serum albumin level (g dL ⁻¹)	4.0	4.0
Median serum ferritin level (ng mL ⁻¹)	100	100
Median serum transferrin saturation (%)	30	30
Median serum iron level (µg dL ⁻¹)	100	100
Median serum ferritin level (µg dL ⁻¹)	100	100
Median serum transferrin saturation (%)	30	30
Median serum iron level (µg dL ⁻¹)	100	100
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Median serum ferritin level (µg dL ⁻¹)	100	100
Median serum transferrin saturation (%)	30	30
Median serum iron level (µg dL ⁻¹)	100	100
Median serum ferritin level (µ		



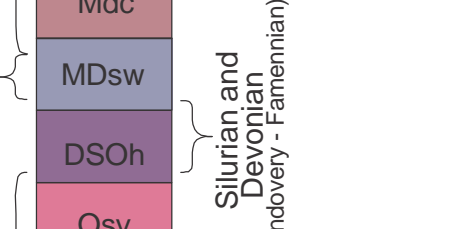
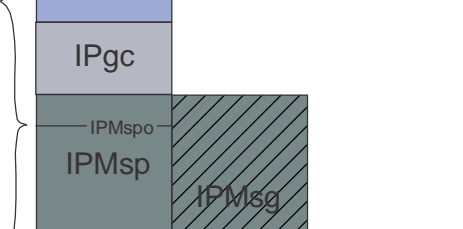
INCONFORMITY



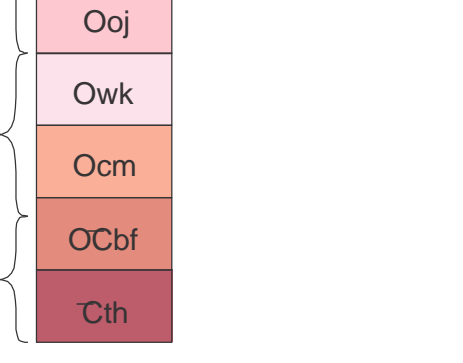
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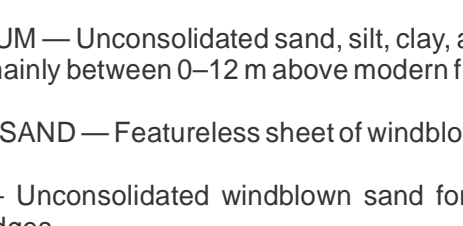
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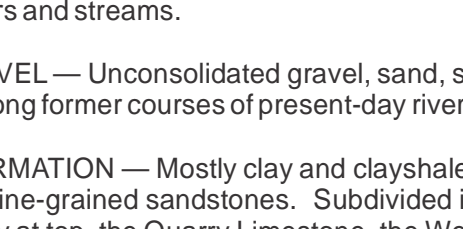
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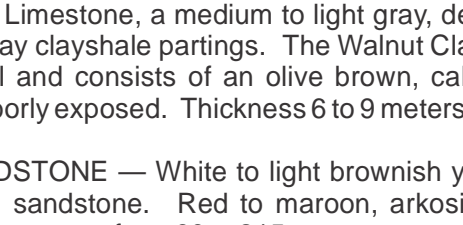
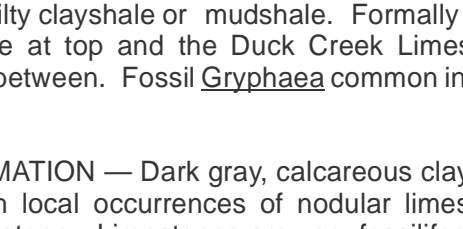
consolidated sand, silt, clay, and gr



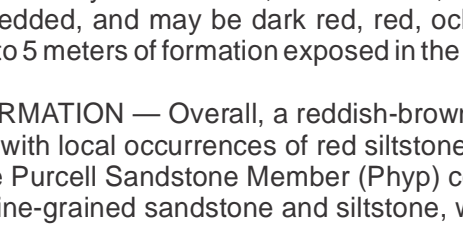
Mostly unconsolidated sand, silt,



the lower 60 meters exposed in quad



ONE — Consists predominantly of



NE — Consists predominantly of

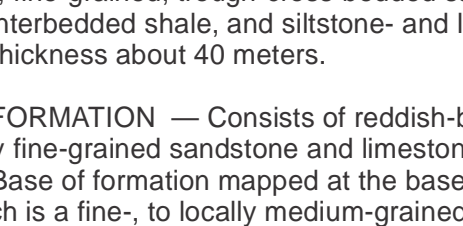
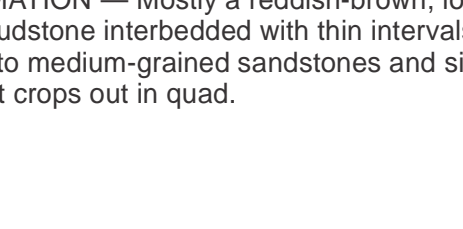
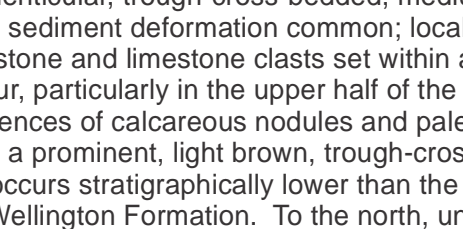


FIGURE 1 Interdisciplinary model of home



DESCRIPTION OF UNITS

- | | |
|-----|---|
| Qal | ALLUVIUM – Unconsolidated sand, silt, clay, and gravel in stream and river channels on modern flood plains. |
| Qao | OLDER ALLUVIUM – Unconsolidated sand, silt, clay, and gravel in stream and river channels, mainly between 0-12 m above modern flood plains. |
| Qcs | COVER SHEET SAND – Featureless sheet of windblown silt and sand. |
| Qds | DUNE SAND – Unconsolidated windblown sand formed into definite dune structures and ridges. |
| Qts | TERRACE SAND – Mostly unconsolidated sand, silt, and clay, with little to no gravel or cobbles. Material derived at several levels along former courses of present-day streams and streams. |
| Qtg | TERRACE GRAVEL – Unconsolidated gravel, sand, silt, and clay laid down at several levels along former courses of present-day streams and streams. |
| | BOXHOLE FORMATION – Mostly clay and clayshale, with some tan-colored limonites and fine-grained sandstones. Subdivided in descending order into the following: Clay at top, the gray limonite, the Walrus Clay, and the Benton Clay at base. Only the lower 60 meters exposed in quad. |
| Kca | CADDO FORMATION – Light gray, silt limonites and marls interbedded with blue-gray, silt clayshale or mudshale. Formally subdivided into the Fort Harrison member at top, the Caddo member in the middle, and the Caddo, an unnamed shale between. Fossil <i>Cyprina</i> common in limonites. Thickness about 10 meters. |
| Kki | KIAMCHI FORMATION – Dark gray, calcareous clayshales and claystones, interbedded with local occurrences of nodular limonites and fine-grained, calcareous sandstones. Limonites are very fossiliferous. Thickness 9 to 10 meters. |
| Kgw | GOODLAND LIMESTONE AND LIMONITE – Upper 10 meters composed of the Goodland Limestone, a medium light gray dense, nodular limestone with thin, dark gray clayshale partings. The Walnut Clay makes up the lower 1 meter. A gravel and cobble layer, the gravelly limestone, the Walnut Clay, the Walnut Clay is poorly exposed. Thickness 8 to 9 meters. |
| | ANTLERS SANDSTONE – White to light brownish yellow, medium-grained, poorly indurated sandstone. Red to brown, anoxic conglomerates occur locally. Thickness ranges from 40 to 215 meters. |
| Pdn | DUNCAN SANDSTONE – Consists predominantly of sandstone and some siltstone and shale. The sandstone is mostly tan-colored or cross-bedded, shales usually blackish, and may be dark red, red, ochre, or brown in color. Only the basal 2 to 5 meters of formation exposed in the quad. |

red, fine-grained sandstone and siltstone, with

- | | |
|-----|---|
| Pgr | GARBER SANDSTONE – Consists predominantly of thin- to medium-bedded, reddish, fine-grained, trough-cross-bedded sandstones, with local pebbles of interbedded sandstone and limestone and limestone-pebble conglomerate. Thickness about 40 meters. |
| Pwe | WELLINGTON FORMATION – Consists of reddish-brown shale with interbedded very fine-grained sandstones and limestone-pebbles. The sandstones are composed of very fine-grained, reddish-brown sandstone, which is a fine- to locally medium-grained, sandstone interval. Total thickness about 46 meters. |
| Pst | PETROLIA FORMATION – Interbedded reddish-brown, unstratified silty shale and lenticular, trough-cross-bedded, the bedded, fine-grained sandstones; soft sediment deformation locally; locally, conglomerate beds consisting of silts and limestone clasts set within a medium- to coarse-grained, coarse, particularly in the upper part of the formation, with local occurrences of calcareous nodules and paleosol development. The sandstone at a prominent, thin, silty, fine-grained sandstone, fine-grained sandstone that occurs stratigraphically lower than the base of the Falls Member of the Wellington Formation. To the north, unit grades into the Garber and Wellington Formations. Thickness varies between 70-100 meters. |
| Pno | NOCOMA FORMATION – Mostly a reddish-brown, locally gray, concretionary mudstone interbedded with thin intervals of tan to dark gray, silty shale and thin, silty, fine-grained sandstone. Thickness about 100 meters. |

bedded

- [illegible]