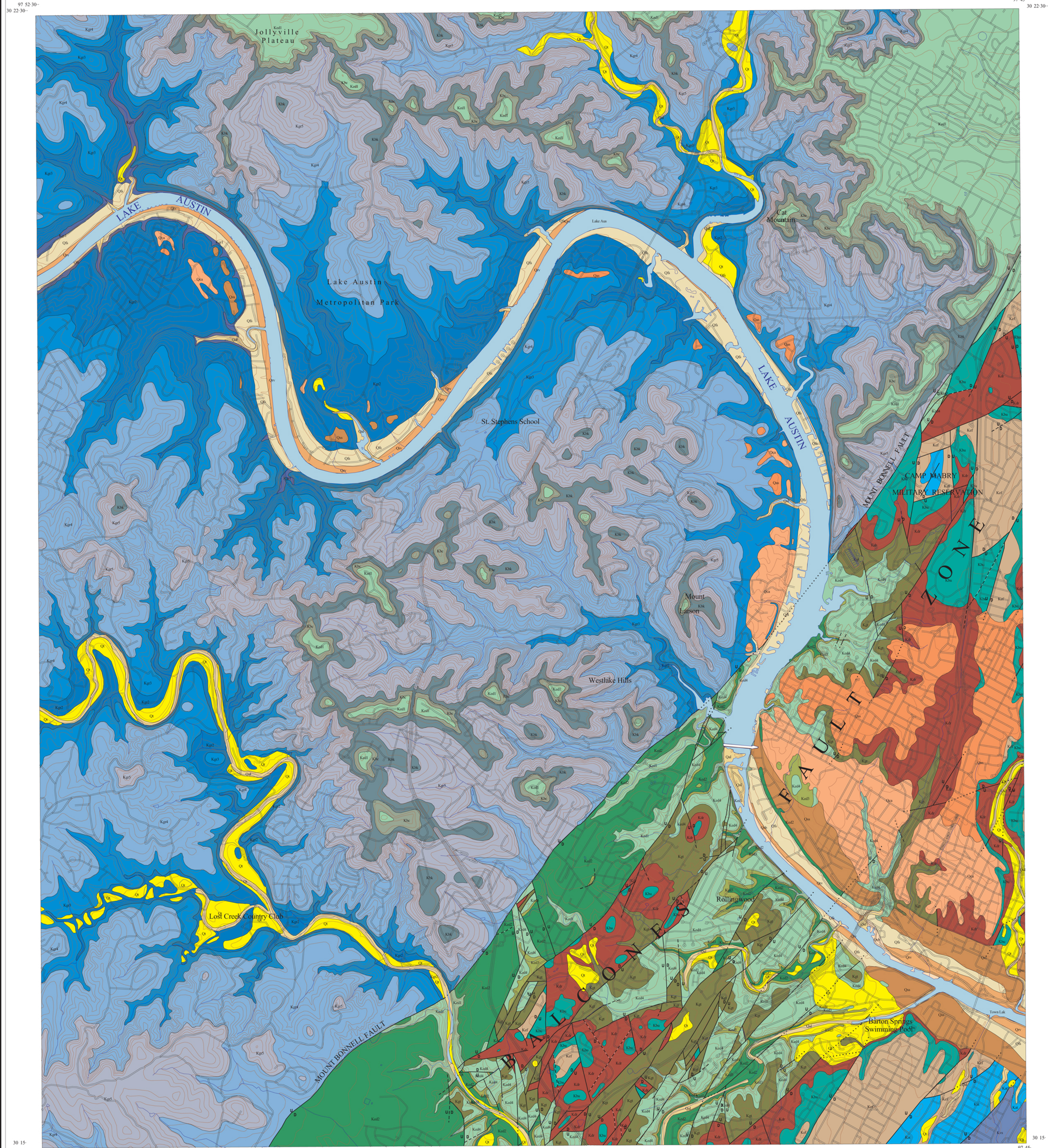


(JOLLYVILLE)

(AUSTIN EAST)

(OAK HILL)



EXPLANATION

- Qal

Alluvium

Sand, silt, clay, and gravel

Qcb

Colorado River Terrace Deposits

Sand Beach

Yellow brown sand, silt, and clay

Qrv

River View

Yellow brown sand, silt, and clay

Qts

First Street

Yellow brown sand, silt, clay, and gravel

Qtr

Terrace deposits undifferentiated

Gravel, sand, silt, and clay

Qsa

Sixth Street

Orange brown sand, silt, clay, and gravel

Qca

Capitol

Orange brown gravel, sand, and silt

Qsa

Asylum

Orange brown gravel, sand, and silt
- Austin Group

Kvi

Vinson Formation

Chalk

Kar

Alco Formation

Chalk and marly limestone

Kef

Eagle Ford Formation

Calcareous clay, sandy and silty flaggy limestone, chert, and bentonite (includes Pepper Shale at base)

Kbu

Buda Formation

Limestone, hard, dense, slightly nodular, abundant fossil mollusks

Kdc

Del Rio Clay

Clay, abundant *Ecogira arctina*

Kgt

Georgetown Formation

Limestone and marly limestone, hard to soft, bedded to nodular, abundant fossil mollusks

Edwards Formation

Kes4

Member 4

Limestone, hard, dense, thin dolomite and solution zone near middle, rudist bed and flaggy limestone at base

Kes3

Member 3

Limestone, marly, soft, nodular to flaggy

Kes2

Member 2

Limestone, hard, dense, flaggy at top, rudists common; nodular chert in lower half

Kes1

Member 1

Limestone and dolomite, hard to soft, abundant nodular chert; rudists in lower part; solution-collapse zone at top

Walnut Formation

Kbc

Bee Cave Member

Limestone, marly, soft, nodular

Kbm

Bull Creek Member

Limestone, hard, granular top surface extensively bored and corroded

Glen Rose Formation

Kgs5

Member 5

Dolomite and limestone, soft to hard, mostly thin bedded; upper part deeply weathered

Kgs4

Member 4

Limestone, hard to soft, thin to thick bedded

Kgs3

Member 3

Dolomite and limestone, soft to hard, mostly thin bedded

Kgs2

Member 2

Limestone, hard to soft, thin to thick bedded

Kgs1

Member 1

Limestone, hard to soft, thin to thick bedded, rudists common; Corbula bed at top

U

D

Faults

U

D

upthrown side

downthrown side

dotted where concealed; dashed where inferred

Geologic contact

Roads (1988)

QUATERNARY

CRETACEOUS

This map is a product of various GIS datasets. Base data includes USGS 1:24,000 DLI's for contours and hydrography, and TxDOT's 1:24,000 files for streets and highways.

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Thomas A. Tremblay, GIS Analyst
GIS/ Cartography by Sarah Dale

Geology by P.U. Rodda, L.E. Garner, and G.L. Dawe

Scale 1:24000

1 1/4 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET

VERTICAL DATUM IS MEAN SEA LEVEL

HORIZONTAL DATUM IS THE 1927 NORTH AMERICAN DATUM

UNIVERSAL TRANSVERSE MERCATOR PROJECTION, ZONE 14

QUADRANGLE LOCATION

Q447901

GEOLOGIC MAP OF THE AUSTIN WEST QUADRANGLE, TRAVIS COUNTY, TEXAS
1997

APPROXIMATE MEAN DECLINATION, 1954