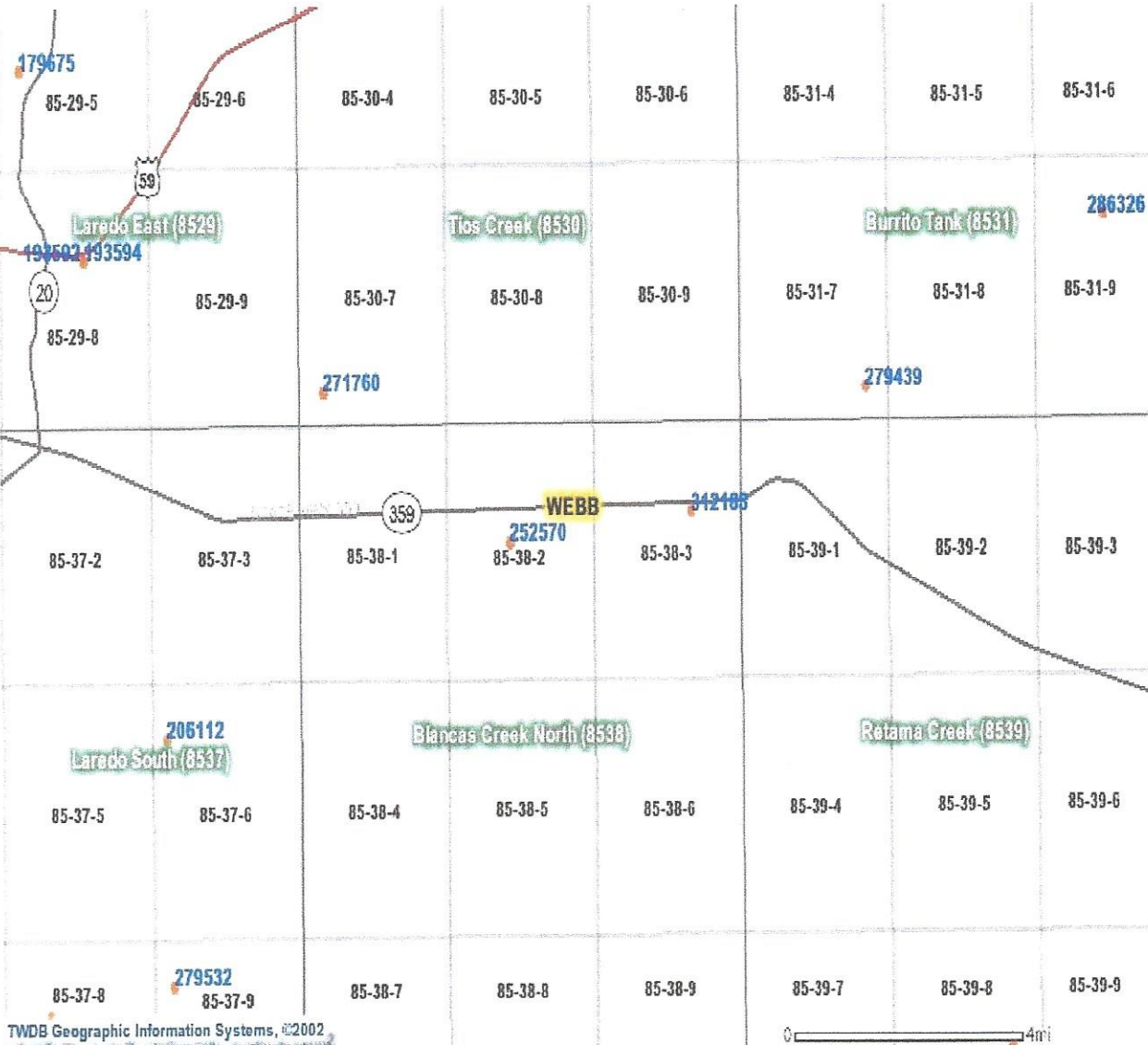


## **Yegua-Jackson Aquifer-SUMMARY**

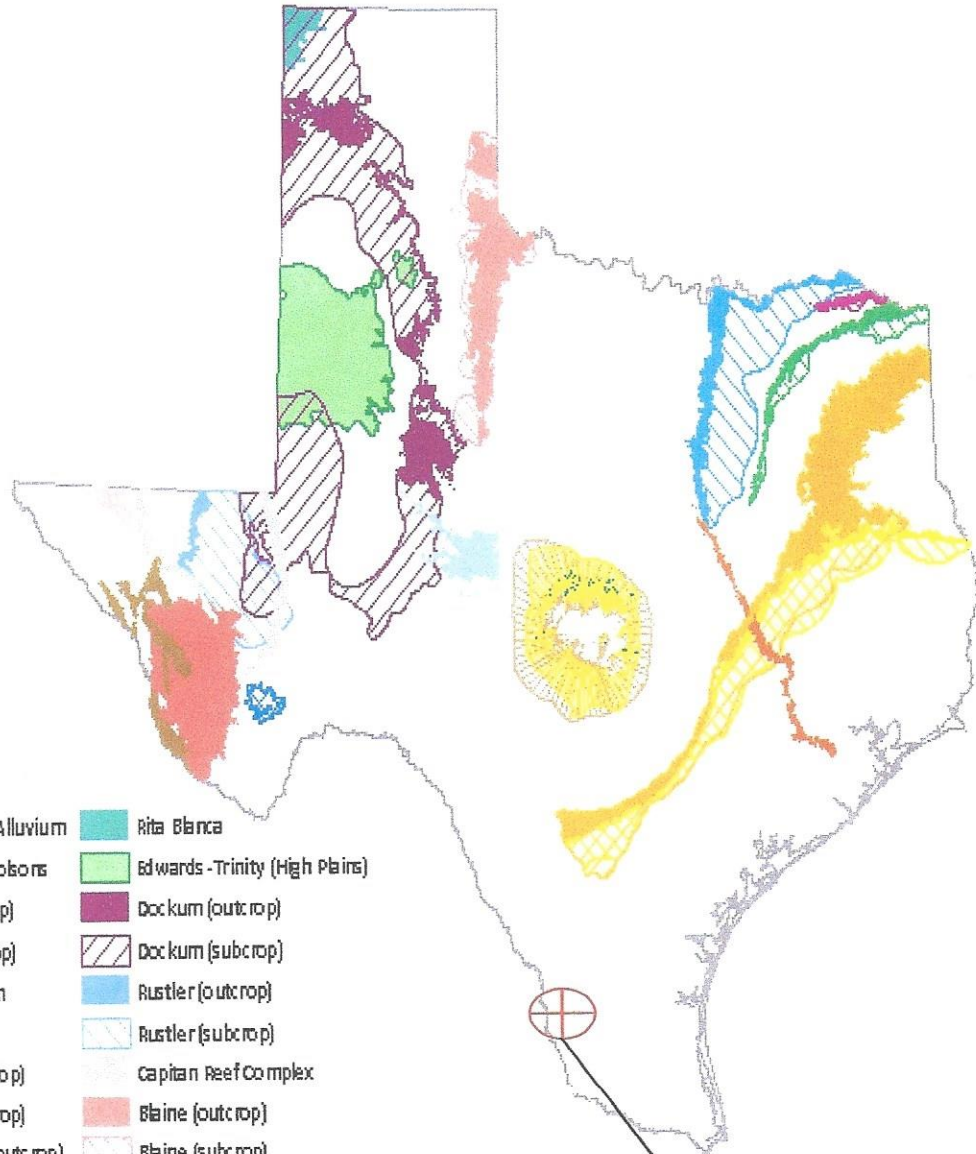
The Yegua-Jackson Aquifer is a minor aquifer stretching across the southeast part of the state. It includes water-bearing parts of the Yegua Formation (part of the upper Claiborne Group) and the Jackson Group (comprising the Whitsett, Manning, Wellborn, and Caddell formations). These geologic units consist of interbedded sand, silt, and clay layers originally deposited as fluvial and deltaic sediments. Freshwater saturated thickness averages about 170 feet. Top Base of Aquifer varies from 500 feet to bottom of base 900 feet.

Water quality varies greatly owing to sediment composition in the aquifer formations, and in all areas the aquifer becomes highly mineralized with depth. Most groundwater is produced from the sand units of the aquifer, where the water is fresh and ranges from less than 50 to 1,000 milligrams per liter of total dissolved solids. Some slightly to moderately saline water, with concentrations of total dissolved solids ranging from 1,000 to 10,000 milligrams per liter, also occurs in the aquifer.

No significant water level declines have occurred in wells measured by the TWDB. Groundwater for domestic and livestock purposes is available from shallow wells over most of the aquifer's extent. Water is also used for some municipal, industrial, and irrigation purposes.



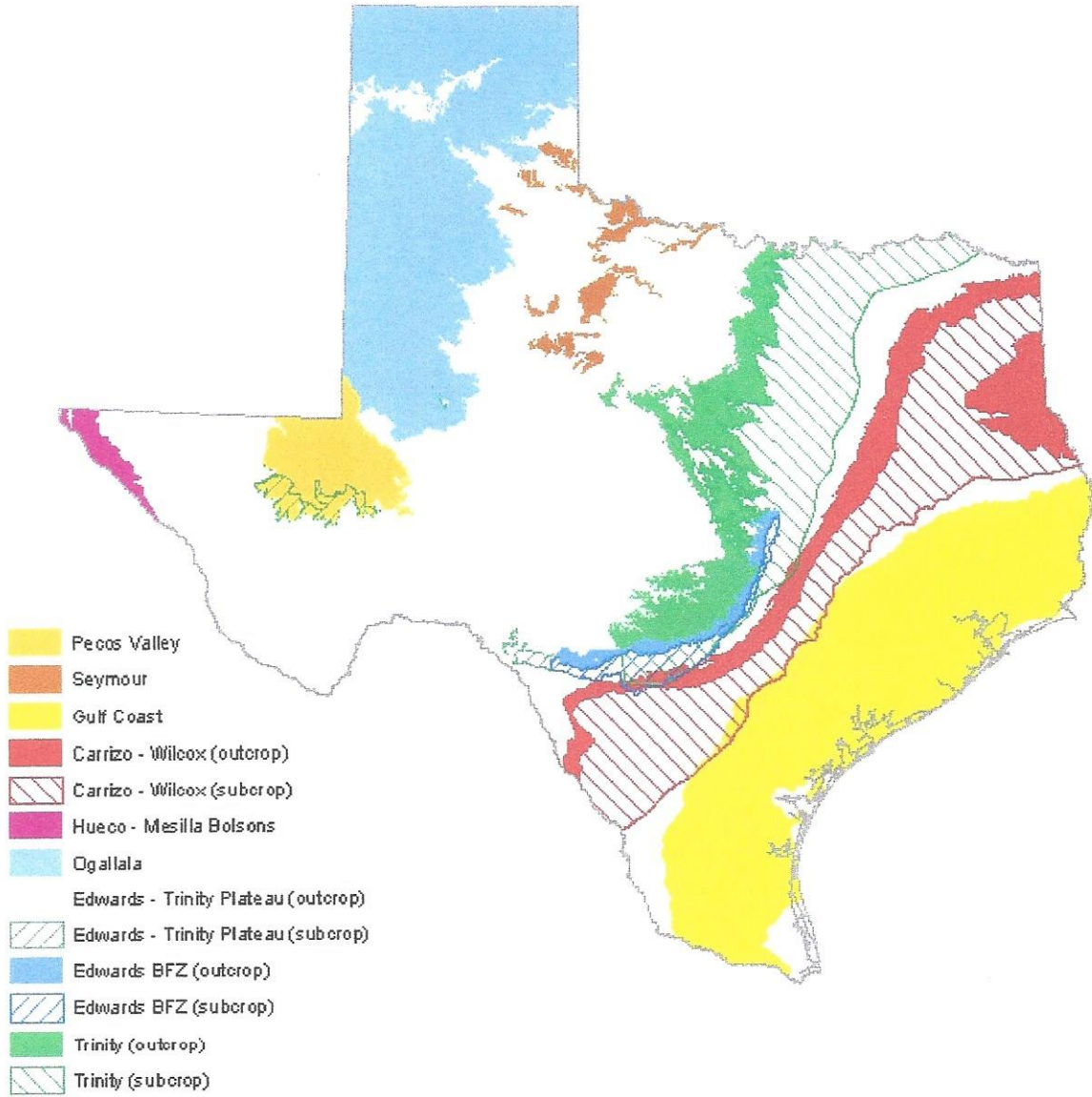
# MINOR AQUIFERS IN TEXAS 2013



- |                         |                                    |
|-------------------------|------------------------------------|
| ■ Brazos River Alluvium | ■ Rita Blanca                      |
| ■ West Texas Bobo       | ■ Edwards - Trinity (High Plains)  |
| ■ Lipan (outcrop)       | ■ Dockum (outcrop)                 |
| ■ Lipan (subcrop)       | ■ Dockum (subcrop)                 |
| ■ Yegua Jackson         | ■ Rustler (outcrop)                |
| ■ Igneous               | ■ Rustler (subcrop)                |
| ■ Sparta (outcrop)      | ■ Capitan Reef Complex             |
| ■ Sparta (subcrop)      | ■ Blaine (outcrop)                 |
| ■ Queen City (outcrop)  | ■ Blaine (subcrop)                 |
| ■ Queen City (subcrop)  | ■ Bone Spring - Victoria Peak      |
| ■ Nacatoch (outcrop)    | ■ Marble Falls                     |
| ■ Nacatoch (subcrop)    | ■ Marathon                         |
| ■ Blossom (outcrop)     | ■ Ellenburger - San Saba (outcrop) |
| ■ Blossom (subcrop)     | ■ Ellenburger - San Saba (subcrop) |
| ■ Woodbine (outcrop)    | ■ Hickory (outcrop)                |
| ■ Woodbine (subcrop)    | ■ Hickory (subcrop)                |

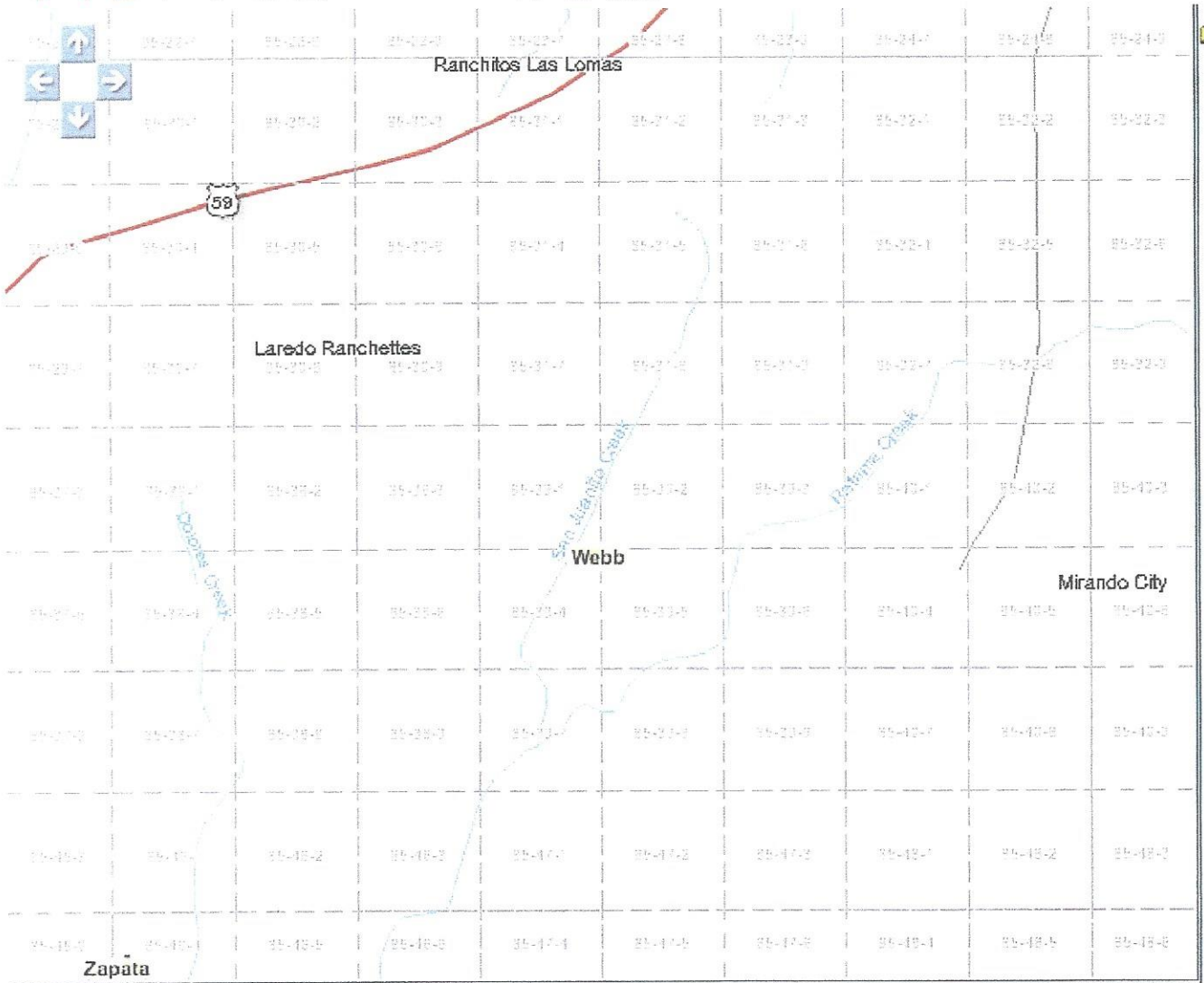
AREA OF MUTUAL INTEREST  
(YEGUA JACKSON  
FORMATION)

# Major Aquifers in Texas





# TCEQ Water Well Report Viewer



**Search well by Grid# OR/AND County:**

Grid # 85 - 31 - 9

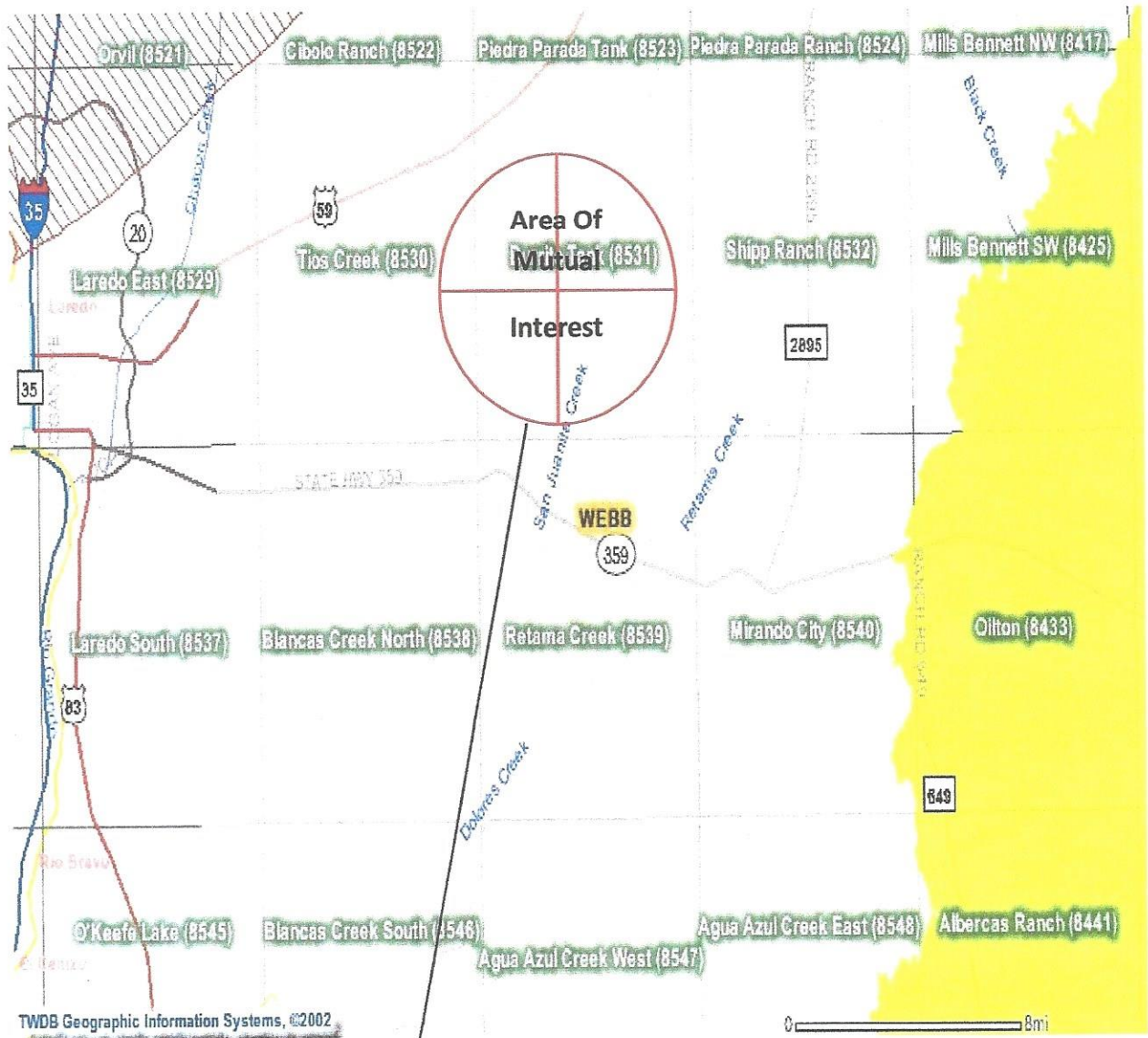
County Webb  Find Well

**Search map by one of the following:**

City Select One

Address Enter Street Enter City Enter Zip Find Address

Lat - Long Enter Latitude Enter Longitude Find Lat Long



**Yegua Jackson Formation**

**Minor Aquifer**