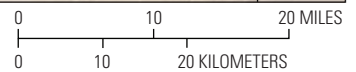


Colorized elevation model base from the United States Geological Survey and other federal and state digital data, various scales; Universal Transverse Mercator projection, Zone 11N, North American Datum of 1983.



EXPLANATION

Geologic units

Sedimentary materials

- Quaternary – All sediment younger than the San Diego Formation
- Pliocene and Pleistocene – San Diego Formation
- Miocene – Undivided sedimentary and volcanic rocks
- Oligocene – Otay Formation
- Eocene – All Eocene formations
- Cretaceous – All sedimentary Cretaceous formations

Mesozoic rocks

- Batholithic rocks
- Santiago Peak Volcanics
- Metamorphic rocks

Water

- Lakes and reservoirs

Geologic data sources

- A – Kennedy and Tan, 2007
- B – Jennings, 2010
- C – Kennedy and Tan, 2008
- D – Todd, 2004
- E – Legg, 1985
- F – Gastil and others, 1975
- G – Instituto Nacional de Estadística y Geografía (INEGI), 1976a, 1976b, 1976c, 1976d, 1976e, 1976f, 1977a, 1977b, 1977c, 1977d, 1977e, 1978

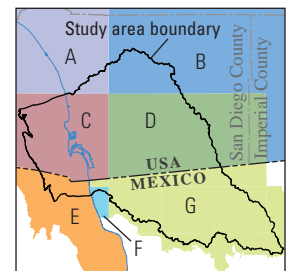
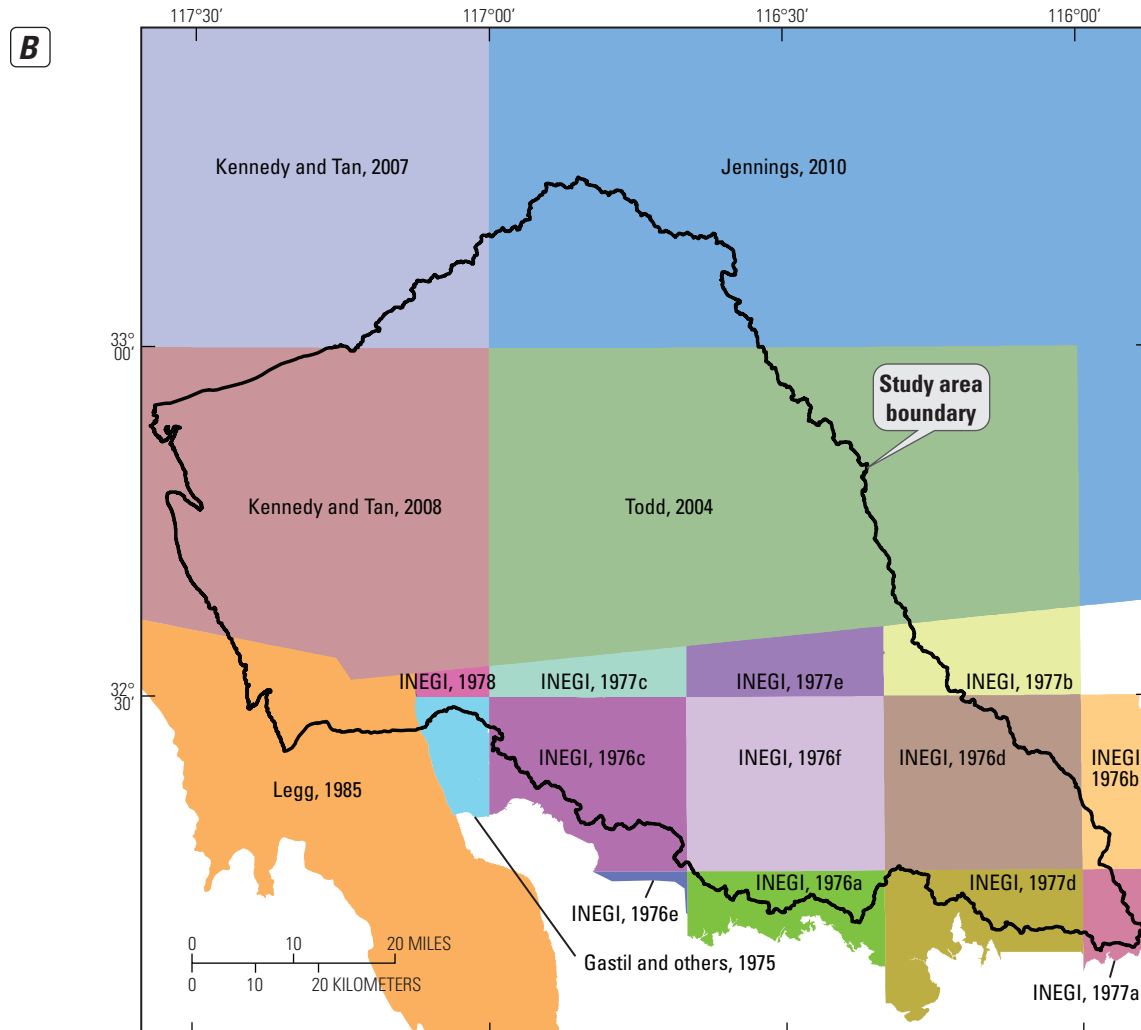


Figure 4. (A) Simplified geologic map and **(B)** geologic data sources of the San Diego–Tijuana area, USA and Mexico.



EXPLANATION

Geologic data sources

- | | |
|---|--|
| Gastil and others, 1975 – Reconnaissance Geology, 1:250,000 scale | INEGI, 1977c – Murua I11D61, 1:50,000 scale |
| INEGI, 1976a – Francisco Zarco I11D82, 1:50,000 scale | INEGI, 1977d – San Juan de Dios I11D83, 1:50,000 scale |
| INEGI, 1976b – La Poderosa I11D74, 1:50,000 scale | INEGI, 1977e – Tecate I11D62, 1:50,000 scale |
| INEGI, 1976c – La Presa I11D71, 1:50,000 scale | INEGI, 1978 – Tijuana I11C69, 1:50,000 scale |
| INEGI, 1976d – Neji I11D73, 1:50,000 scale | Legg, 1985 – Thesis map digitized, scale unknown |
| INEGI, 1976e – Primo Tapia I11D81, 1:50,000 scale | Todd, 2004 – El Cajon, 1:100,000 scale |
| INEGI, 1976f – Valle las Palmas I11D72, 1:50,000 scale | Kennedy and Tan, 2007 – Oceanside, 1:100,000 scale |
| INEGI, 1977a – Arroyo del Sauz I11D84, 1:50,000 scale | Kennedy and Tan, 2008 – San Diego, 1:100,000 scale |
| INEGI, 1977b – La Rumorosa I11D63, 1:50,000 scale | Jennings, 2010 – Geologic map of California, 1:750,000 scale |

Figure 4. (A) Simplified geologic map and **(B)** geologic data sources of the San Diego-Tijuana area, USA and Mexico.—Continued.