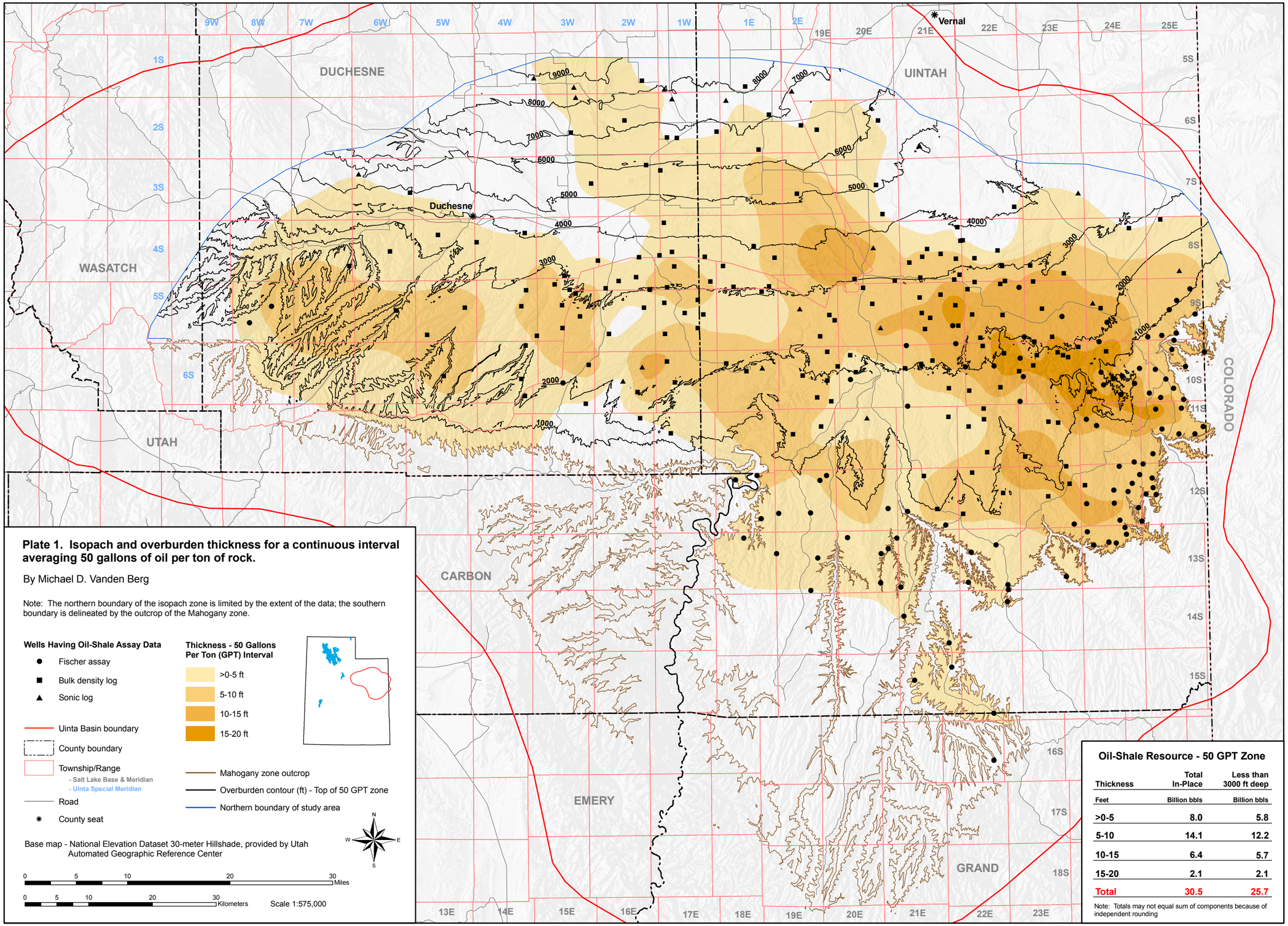

Plate 1. Isopach and overburden thickness for a continuous interval averaging 50 gallons of oil per ton of rock.

By Michael D. Vanden Berg

Note: The northern boundary of the isopach zone is limited by the extent of the data; the southern boundary is delineated by the outcrop of the Mahogany zone.

Wells Having Oil-Shale Assay Data

- ● Fischer assay
- ■ Bulk density log
- ▲ Sonic log

- Uinta Basin boundary
- County boundary
- Township/Range
  - Salt Lake Base & Meridian
  - Uinta Special Meridian
- Road
- County seat

Thickness - 50 Gallons Per Ton (GPT) Interval

- >0-5 ft
- 5-10 ft
- 10-15 ft
- 15-20 ft

- Mahogany zone outcrop
- Overburden contour (ft) - Top of 50 GPT zone
- Northern boundary of study area

Base map - National Elevation Dataset 30-meter Hillshade, provided by Utah Automated Geographic Reference Center

0 5 10 20 30 Miles

0 5 10 20 30 Kilometers

Scale 1:575,000

Oil-Shale Resource - 50 GPT Zone

Thickness	Total In-Place	Less than 3000 ft deep
Feet	Billion bbls	Billion bbls
>0-5	8.0	5.8
5-10	14.1	12.2
10-15	6.4	5.7
15-20	2.1	2.1
Total	30.5	25.7

Note: Totals may not equal sum of components because of independent rounding