Additional Geophysical Survey at Oaklawn Cemetery, July 2020

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Technologies Used

Gradiometer

- Detects subtle magnetic variation in soils
- Graves often are more magnetic than surrounding soil

Ground-Penetrating Radar (GPR)

 Sends radar pulse into ground, which reflects back to tell us size and depth of underground objects





Oaklawn Cemetery

October 2019 1. Clyde Eddy area with extensions

- 2. Original 18
- 3. Southwest corner
- 4. Sexton
- 5. Bike path
- 6. Paved road

July 2020



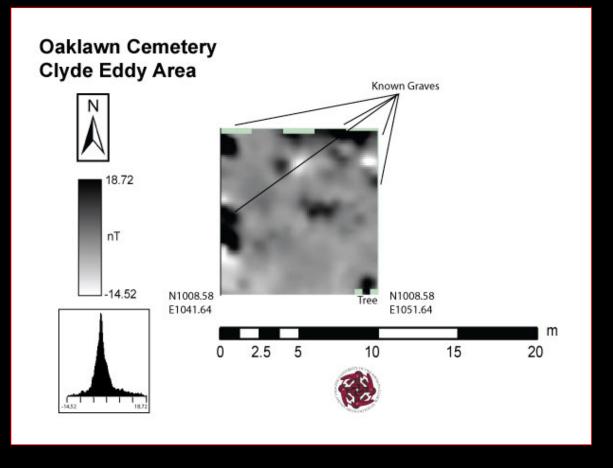
Oaklawn Cemetery



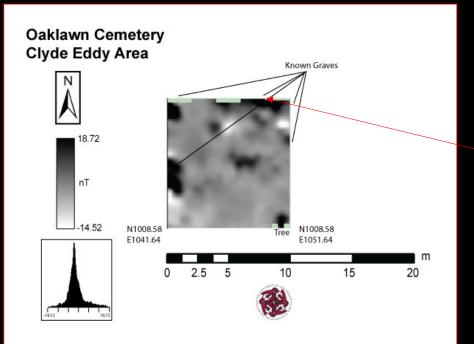
Map from 2001 article was published upside down, so we missed the anomaly they noted at that time



Clyde Eddy Area: July 2020 Gradiometer



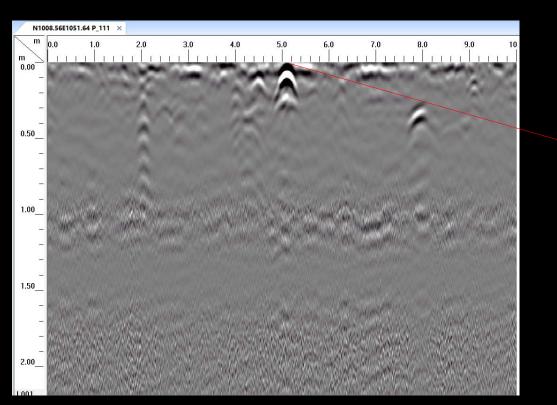
Clyde Eddy Area: July 2020 GPR

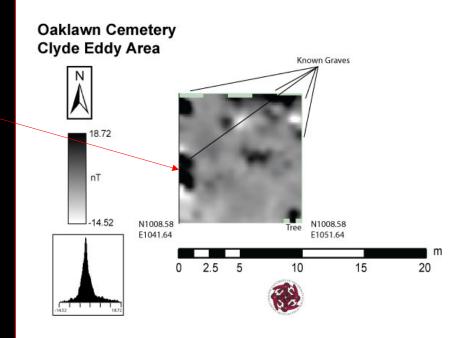


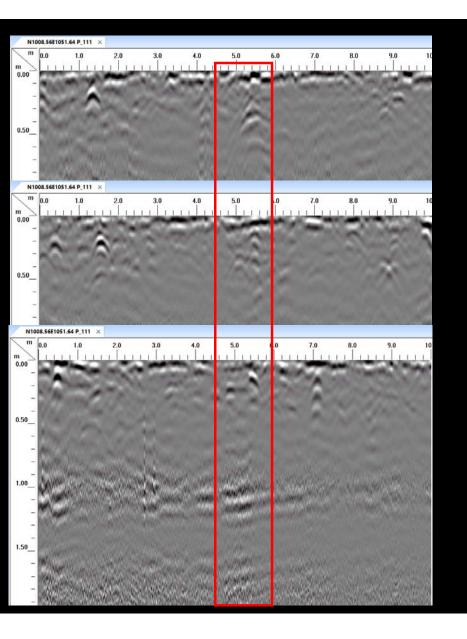


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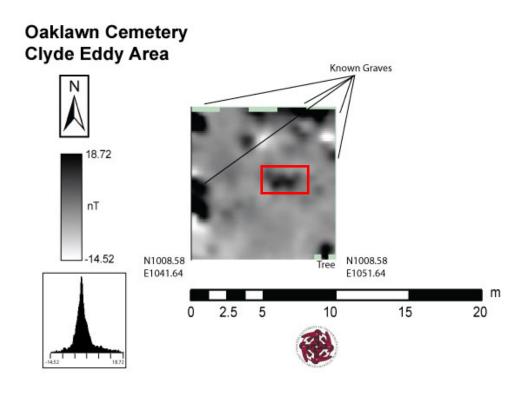
Clyde Eddy Area: July 2020 GPR



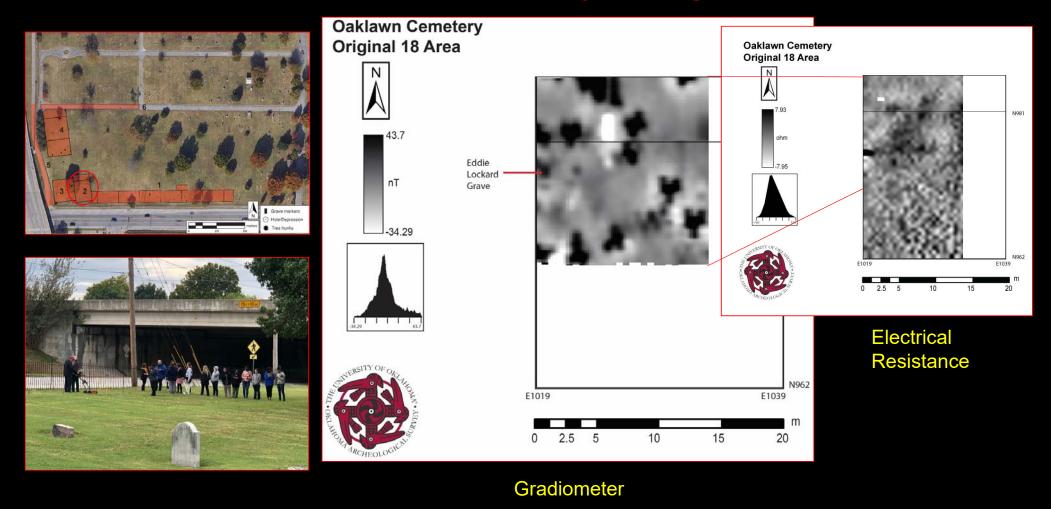




Large anomaly (ca 6x3 ft) in gradiometer data and in 4 consecutive GPR profiles

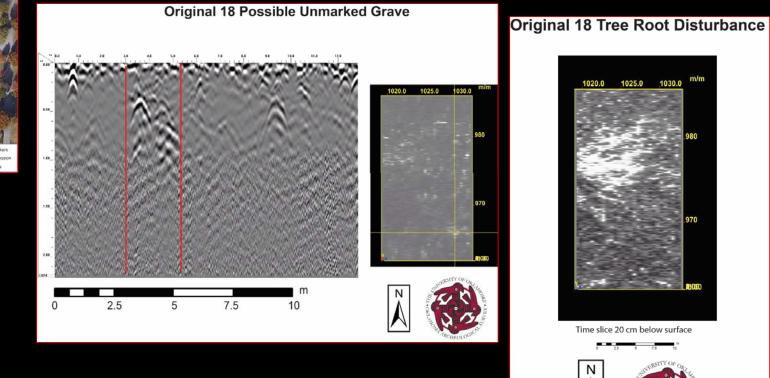


Oaklawn Cemetery-Original 18



Oaklawn Cemetery-Original 18





Summary and Update

- One potential location in the newly surveyed Clyde Eddy area
- Likely unmarked graves in the Original 18 area
- Planning more survey at the Canes
- Legal agreement in place between OU and Rolling Oaks
 - Stipulates that the owner needs to be present during fieldwork
 - He lives in California and can't travel due to COVID and wildfires
 - Survey will take place as soon as possible