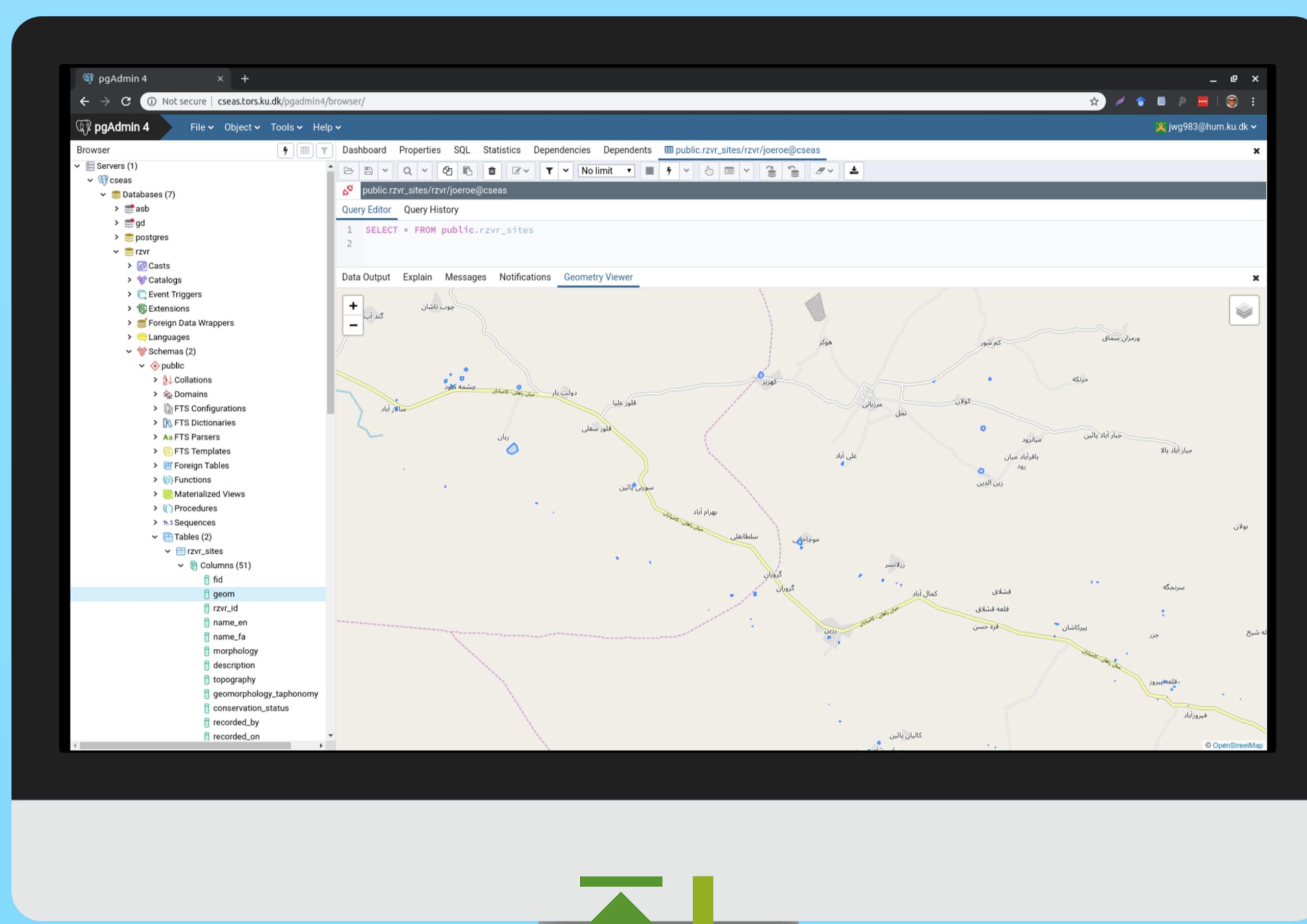




the
continuum:
open source GIS tools for paperless field survey

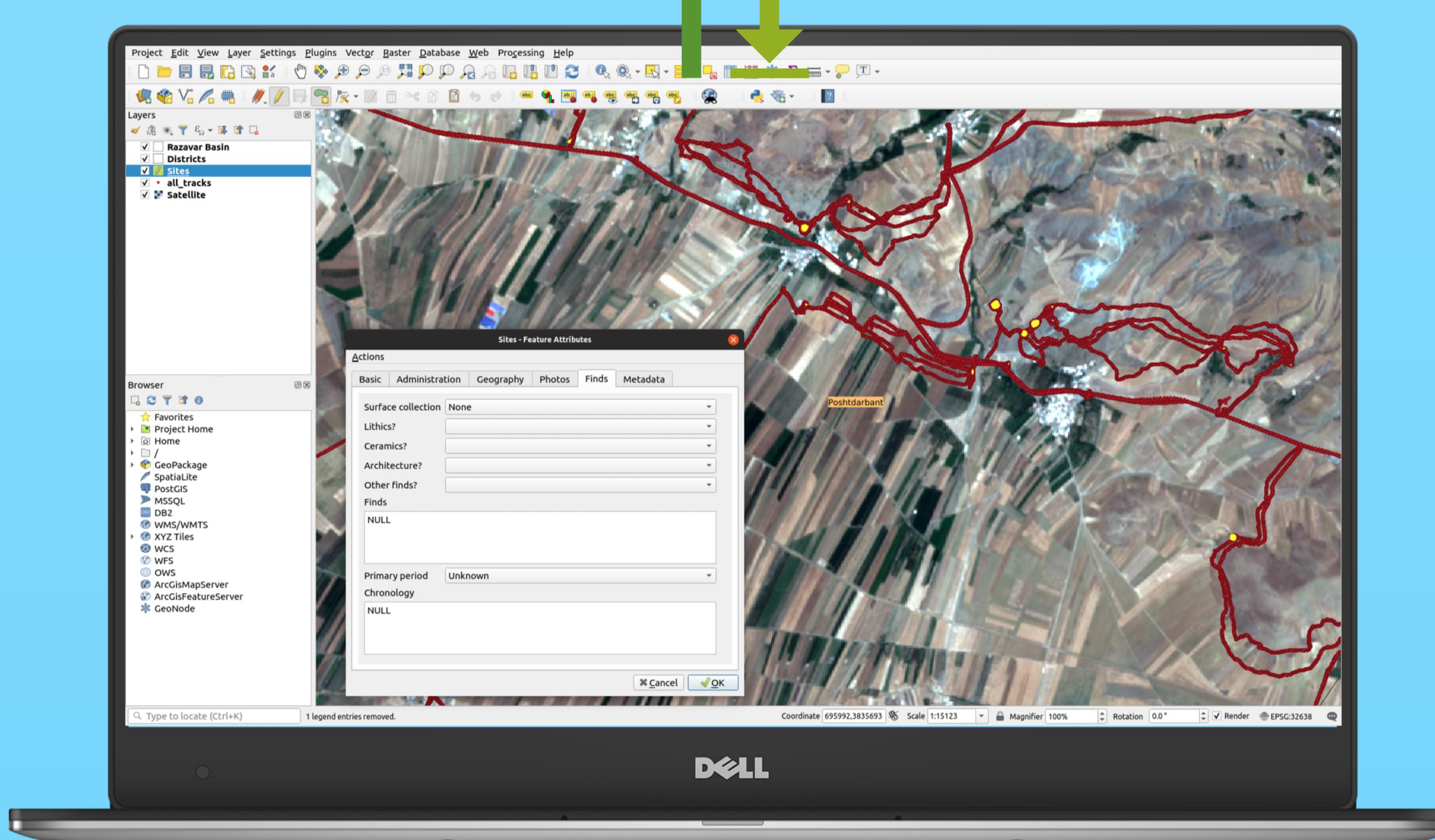
PostGIS
Remote database
postgis.net



PostGIS is an extension for PostgreSQL that adds support for geometries, spatial indexing, and topology.

- Authoritative, centralised database
- Wide support from desktop GIS, database and statistics software
- One platform for multiple projects and spatial/non-spatial data
- Basis for web mapping; for collaboration or dissemination

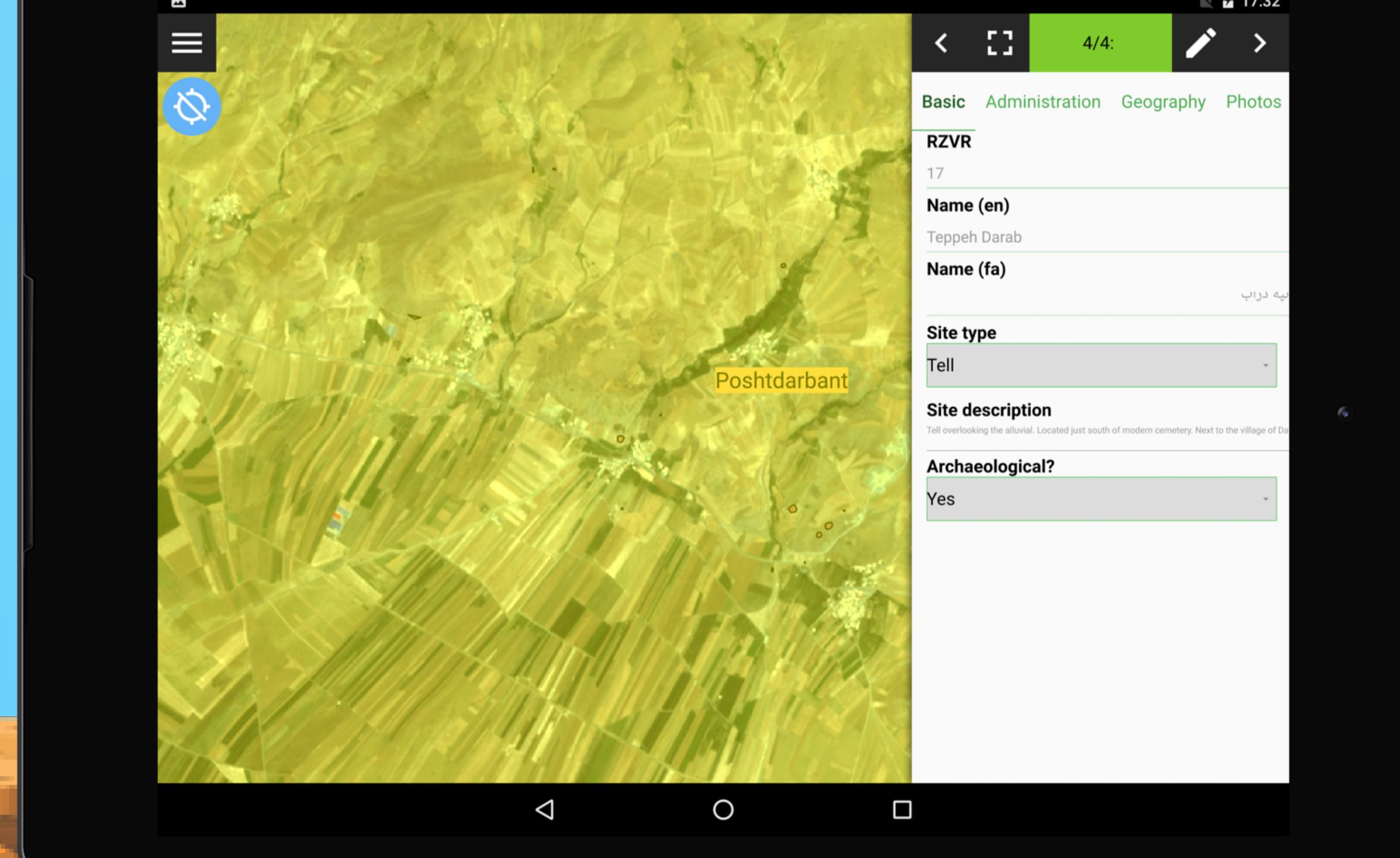
QGIS
Basecamp GIS
qgis.org



QGIS is versatile, open source GIS software that is already widely used by archaeologists.

- Synchronise field data with remote database (via geopackage)
- Data cleaning and post-processing
- Powerful form-builder
- Manage basemaps and layer symbology for QField

QField
Mobile GIS
qfield.org



QField is a free and open source Android mobile GIS app based on QGIS.

- Single app for field recording
- Coordinates and planning (using internal or external GNSS receiver)
- Site record with forms
- Photographs using in-built camera
- Navigation with custom basemaps

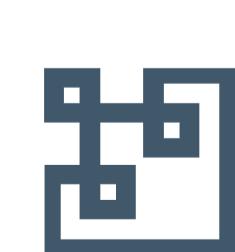
Acknowledgements

I am grateful to the 2018 field crews of the Shubaya and Razavar Valley surveys for testing the system—especially Anthony Ruter and Patrick Nørskov Pedersen—and to the project directors, Tobias Richter and Sajjad Alibaigi.

- Clouds by freepik.com
- Ground by [macrovector](http://macrovector.com)

Reproducible research

Source code and an online version of this poster can be found at https://github.com/joeroe/caa2019_qcontinuum.



DAVIDS SAMLING

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