

# Frances Grishkina-Santangelo

*Staff Hydrogeologist, Level 1*

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Ms. Grishkina-Santangelo has been with JSAI since June 2022. Her work includes creating visual representations of data through graphs, plots, maps, cross-sections, diagrams of wells and lithologies, and field data collection. In the field, Ms. Grishkina-Santangelo has experience sampling groundwater and surface water, performing aquifer pumping tests, logging lithologies, and overseeing water-supply well drilling projects.

## EDUCATION

B.S., Earth & Planetary Science, 2022  
University of New Mexico

## REGISTRATIONS

OSHA Hazardous Waste  
Operations and Emergency  
Response (HAZWOPER)  
certification

### *Water-Resource Database Development:*

Development, organization, and maintenance of spreadsheets relating to well information, laboratory analysis results, and field data across various projects.

### *Visual Representations of Data:*

Preparing cross-sections and well diagrams using Adobe Creative suite, preparing graphs and plots in MS Excel, and preparing maps using GIS tools.

### *Hydrogeologic Field Services:*

Operation of monitoring equipment including well sounders, and water-quality meters to collect field data for groundwater and surface water. Assisted in planning, data collection, and data analysis of constant-rate pumping tests. Field reconnaissance including performing aquifer pumping tests, overseeing water-supply well drilling projects, and logging lithologies.

### *Well Construction Oversight:*

On-site supervision during the installation of water-supply wells. Use of field observations from lithology logging to aid in well construction. Maintain detailed records of well materials and construction methodologies during drilling, completion, and development.

### *Software Experience:*

Microsoft Office Suite, Adobe Acrobat, Adobe Illustrator, ArcGIS Pro, and Arc GIS online