

Geological Technicians, Except Hydrologic Technicians

19-4043.00



Description: Assist scientists or engineers in the use of electronic, sonic, or nuclear measuring instruments in laboratory, exploration, and production activities to obtain data indicating resources such as metallic ore.

Other Resources:

[ONET Link](#)
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Sample of Reported Job Titles: Core Inspector, Environmental Field Services Technician

Job Zone

Title: 4 - Considerable Preparation Needed

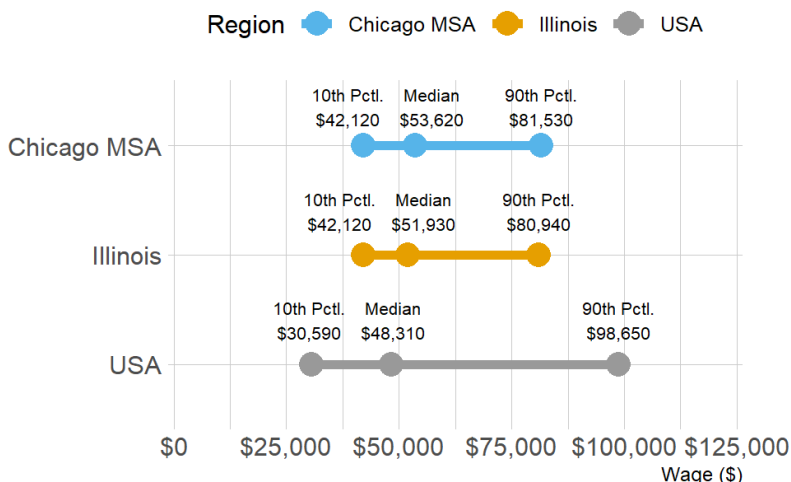
Education: Require a four-year bachelor's degree.

Experience: A considerable amount of work-related skill, knowledge, or experience is needed.

Training: Several years of work-related experience, on-the-job training, and/or vocational training needed.

Hot Technologies: Adobe Systems Adobe Illustrator, Autodesk AutoCAD, Database software, Dynamic Graphics EarthVision, ESRI ArcGIS software, Microsoft Access

Region	Employment	Location Quotient	Median Wage
Chicago MSA	110	0.39	\$53,620
Illinois	170	0.46	\$51,930
USA	9,210	—	\$48,310



Top 5 Core Tasks According to Current Job Holders	Frequency	Importance (out of 100)
Test and analyze samples to determine their content and characteristics, using laboratory apparatus or testing equipment.	Daily	91
Collect or prepare solid or fluid samples for analysis.	Daily	90
Compile, log, or record testing or operational data for review and further analysis.	Daily	84
Prepare notes, sketches, geological maps, or cross-sections.	More than weekly	83
Participate in geological, geophysical, geochemical, hydrographic, or oceanographic surveys, prospecting field trips, exploratory drilling, well logging, or underground mine survey programs.	Yearly or less	77