

**Board for Professional Soil Scientists, Wetland Professionals, and Geologists
GEOLOGICAL WORK EXPERIENCE LOG**

Page ____ of ____

TO BE COMPLETED & SIGNED BY APPLICANT'S SUPERVISOR

Number the pages according to the total number submitted (i.e., 1 of 3, 2 of 3, etc.) in the upper right-hand corner.
A SEPARATE FORM MUST BE COMPLETED AND SUBMITTED FOR EACH EMPLOYER VERIFYING YOUR EXPERIENCE.

1. Applicant's Name _____
Last First Middle Generation

2. Provide **one** of the following identification numbers.

☐ Social Security Number or ☐ Virginia DMV Control Number* - -

* State law requires every applicant for a license, certificate, registration or other authorization to engage in a business, trade, profession or occupation issued by the Commonwealth to provide a social security number or a control number issued by the Virginia Department of Motor Vehicles.

3. Employer's Name & Mailing Address _____

City State Zip Code

4. Was the experience obtained under the supervision of a qualified or licensed professional geologist?

No ☐

Yes ☐ If yes, provide your (Supervisor's) license information below:

License number State Expiration Date

5. Was the applicant in responsible charge of geological work as defined in Section 18VAC145-40-70.A.5 of the Board's regulations?

No ☐

Yes ☐

6. Dates of Employment From: _____ To: _____
MM/DD/YYYY MM/DD/YYYY

7. Applicant's job title during the employment period noted above: _____

8. Applicant's Specific Experience: (Check all that apply.)

A. *Mineralogy*:

- ☐ Identify and classify major rock types.
- ☐ Identify mineral assemblages.
- ☐ Determine probable genesis and sequence of mineral assemblages.
- ☐ Identify minerals on the basis of chemical composition.
- ☐ Predict subsurface mineral characteristics on the basis of exposure and drillholes.

Additional Information:

B. Petrography/petrology:

- ☐ Identify and classify major rock types.
- ☐ Determine physical properties of rocks.
- ☐ Determine chemical properties of rocks.
- ☐ Determine types or degrees of rock alteration.
- ☐ Determine suites of rock types.

Additional Information:

C. Geochemistry:

- ☐ Establish analytical objectives and approaches.
- ☐ Evaluate geochemical data.
- ☐ Construct models based on results of geochemical analysis.
- ☐ Make recommendations based upon result of geochemical analyses.

Additional Information:

D. Hydrogeology:

- ☐ Design and interpret hydrologic testing programs.
- ☐ Utilize chemical data to evaluate hydrogeologic conditions.
- ☐ Apply geophysical methods to analyze hydrogeologic conditions.
- ☐ Determine physical and chemical properties of aquifers and vadose zones.
- ☐ Determine groundwater flow systems.
- ☐ Evaluate groundwater resources.
- ☐ Evaluate groundwater quality.
- ☐ Design wells and drilling programs.
- ☐ Develop groundwater resource management plans.
- ☐ Plan and evaluate remedial action programs.

Additional Information:

E. Engineering Geology:

- ☐ Provide geological information and interpretation for engineering design.
- ☐ Identify and evaluate potential seismic and other geologic hazards.
- ☐ Provide geologic consultation during and after construction.
- ☐ Develop and interpret engineering geology maps and sections.
- ☐ Evaluate materials resources.
- ☐ Define and establish site selection and evaluation criteria.
- ☐ Design and implement field and laboratory programs.
- ☐ Describe and sample soils for geologic analysis and materials properties testing.

Additional Information:

F. Mining Geology:

- ☐ Formulate exploration programs.
- ☐ Implement field investigations on prospects.
- ☐ Perform geologic interpretations for mineral reserves.
- ☐ Perform economic analyses/appraisals.
- ☐ Provide geologic interpretations for mine development and production activities.
- ☐ Provide geologic interpretations for mine abandonment, closures, or restorations.

Additional Information:

G. Petroleum Geology:

- ☐ Formulate exploration programs.
- ☐ Implement field investigations on prospects.
- ☐ Perform geologic interpretations of physical properties and hydrocarbon reserves.
- ☐ Perform petroleum economic analyses/appraisals.
- ☐ Provide geologic interpretations for development and production activities.
- ☐ Provide geologic interpretations for abandonment, closures, or restorations.

Additional Information:

H. Describe other geological work experience:

9. Name and Title of Supervisor

Name

Title

Supervisor's Telephone & Fax Numbers

Primary Telephone

Fax

10. I certify that to the best of my knowledge all information provided on this form is true and accurate.

Supervisor Signature

Date