Commonwealth of Virginia
Department of Professional and Occupational Regulation
9960 Mayland Drive, Suite 400
Richmond, Virginia 23233-1485
(804) 367-8506
www.dpor.virginia.gov

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

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
   - 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 certified professional geologist?
   - No
   - Yes Yes

   If yes, provide your (Supervisor's) certification number and expiration date below:
   Virginia License Number _______________ 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: _______________

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:**

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### 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:**

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### H. Describe other geological work experience:

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### 8. Name and Title of Supervisor

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<tr>
<th>Name</th>
<th>Title</th>
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**Supervisor's Telephone & Fax Numbers**

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<th>Primary Telephone</th>
<th>Fax</th>
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### 9. I certify that to the best of my knowledge all information provided on this form is true and accurate.

**Supervisor Signature**

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