### OJT Training Module Cover Sheet

**Title:** 119 How to describe soil structure.

**Type:** [ ] Skill  [ ] Knowledge

**Performance Objective:** Trainee will be able to …
- Describe and record soil structure using the *Field Book for Describing and Sampling Soils*.

**Target Proficiency:**
- Awareness  □ Understanding  □ Perform w/ Supervision
- Apply Independently □ Proficiency, can teach others

**Trainer Preparation:**
- Have soil samples and field locations with pit, trench, road cut, or auger borings available.
- Have the *Field Book for Describing and Sampling Soils* available.
- Have hardcopy of the 232 soil description form or Pedon PC available.

**Special Requirements:**
Initiate an external learning request with a SF-182 in Aglearn for this activity. Instructions and a template are located on the training webpages for OJT modules.

**Prerequisite Modules:**
- 101 How to use the *Field Book for Describing and Sampling Soils*.
- 102 How to fill out a 232 soil description form.

**Notes:**
None

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**Approved by:**
Shawn McVey
The Five-Step OJT Cycle for **Procedural** Training (Skill)
## OJT Module Lesson

**Title:** 119 How to describe soil structure.

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<th>WHAT</th>
<th>WHY, WHEN, WHERE, HOW, SAFETY, QUALITY</th>
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| Cycle step 1 | Trainee should access via the internet and read Soil Survey Manual, Chapter 3 section on soil structure.  
Access hardcopy or via the internet and review material for **soil structure** in the *Field Book for Describing and Sampling Soils*. |
| Cycle step 2 | Do the following: |
| 1. Review what can be recorded according to the Field Book and SSM. | Note that grade, size, and type are usually recorded.  
Note that for compound structure, each size and type is listed. |
| 2. Demonstrate how to describe and record soil structure as it occurs in the survey area. | Do this in the field.  
Discuss what types of structure are prevalent in the survey area. |
| Cycle step 3 | Coaching the trainee, have the trainee describe and record soil structure as appropriate in the survey area. |
| Cycle step 4 | Repeat cycle step 3 without coaching.  
During project activities, assign the trainee the task of describing and recording structure as soil descriptions are completed. |
| Cycle step 5 | Answer any questions. Repeat any steps as necessary. |
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<td>Describe soil structure routinely during project activities.</td>
<td>During project activities, assign this task to the trainee. Sign off on performance when target proficiency is achieved.</td>
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**SF-182**

Trainee and/or supervisor access Aglearn to verify completion of the module via its SF-182.