### OJT Training Module Cover Sheet

**Title:** 111 How to describe ped and void surface features.

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<tr>
<th>Type:</th>
<th>☑ Skill</th>
<th>☐ Knowledge</th>
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**Performance Objective:** Trainee will be able to:
- Describe and record ped and void surface features using the Munsell Soil-Color Charts and the *Field Book for Describing and Sampling Soils*.

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

**Trainer Preparation:**
- Trainer should be familiar with the assigned reading/review material in the lesson plan that follows.
- Have soil samples and field locations with pit, trench, road cut, or auger borings available.
- Have the Munsell Soil-Color Charts 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.
- 106 How to use the Munsell Soil Color Charts to describe soil colors.

**Notes:**
None

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

**Title:** 111 How to describe ped and void surface features.

<table>
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<tr>
<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 **Internal Surface Features**.  
Access hardcopy or via the internet and review material for **ped and void surface features** 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 kind, amount (class and % of area covered), distinctness, location, and color (dry or moist) are usually recorded. |
| 2. Demonstrate how to describe and record ped and void surface features as found in the survey area. | Do this in the field.  
Discuss what kinds (coats, films, hypocoats, and stress features) of ped and void surface features occur in the survey area. |
| Cycle step 3 | Coaching the trainee, have the trainee describe and record ped and void surface features as appropriate in the survey area. |
| Cycle step 4 | Repeat cycle step 3 without coaching.  
During project activities, assign the trainee the task of recording and describing these features as soil descriptions are completed. |
| Cycle step 5 | Answer any questions. Repeat any steps as necessary. |
OJT Module Lesson Measurement of Learning

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<td>Describe ped and void features 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.