# OJT Training Module Cover Sheet

**Title:** 126 How to describe cracks in soil.

**Type:** ✅ Skill  ☐ Knowledge

**Performance Objective:** Trainee will be able to …
- Describe and record cracks using 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 *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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Shawn McVey
The Five-Step OJT Cycle for **Procedural** Training (Skill)

**Cycle Step 1**
Trainer/Trainee establish shared mental model

**Cycle Step 2**
Trainee performs task and gives feedback

**Cycle Step 3**
Trainer observes

**Cycle Step 4**
Trainee observes task as Trainee

**Cycle Step 5**
Trainer/Trainee debrief
**OJT Module Lesson**

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<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 *extra-structural cracks*.  
Access hardcopy or via the internet and review material about *cracks* 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 relative frequency, depth, and kind are usually recorded. |
| 2. | Demonstrate how to describe and record cracks as they occur in the survey area.  
Do this in the field.  
- Describe *crust-related* and/or *trans-horizon* cracks as applicable in the survey area.  
- Record the data. |
| Cycle step 3 | Coaching the trainee, have the trainee describe and record cracks 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 cracks 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 cracks 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.