

## OJT Training Module Cover Sheet

**Title: 118 Fragments-How to describe kinds of rock and other fragments in the soil.**

**Type:**      Skill      Knowledge

**Performance Objective:** Trainee will be able to ...

- Identify and describe kinds of rock and other fragments found in the soil survey area following NCSS guidelines.

**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 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.
- 116 How to describe content of rock and other fragments in the soil.

**Notes:**

This module could be completed in conjunction with the module 116 How to describe content of rock and other fragments in the soil.

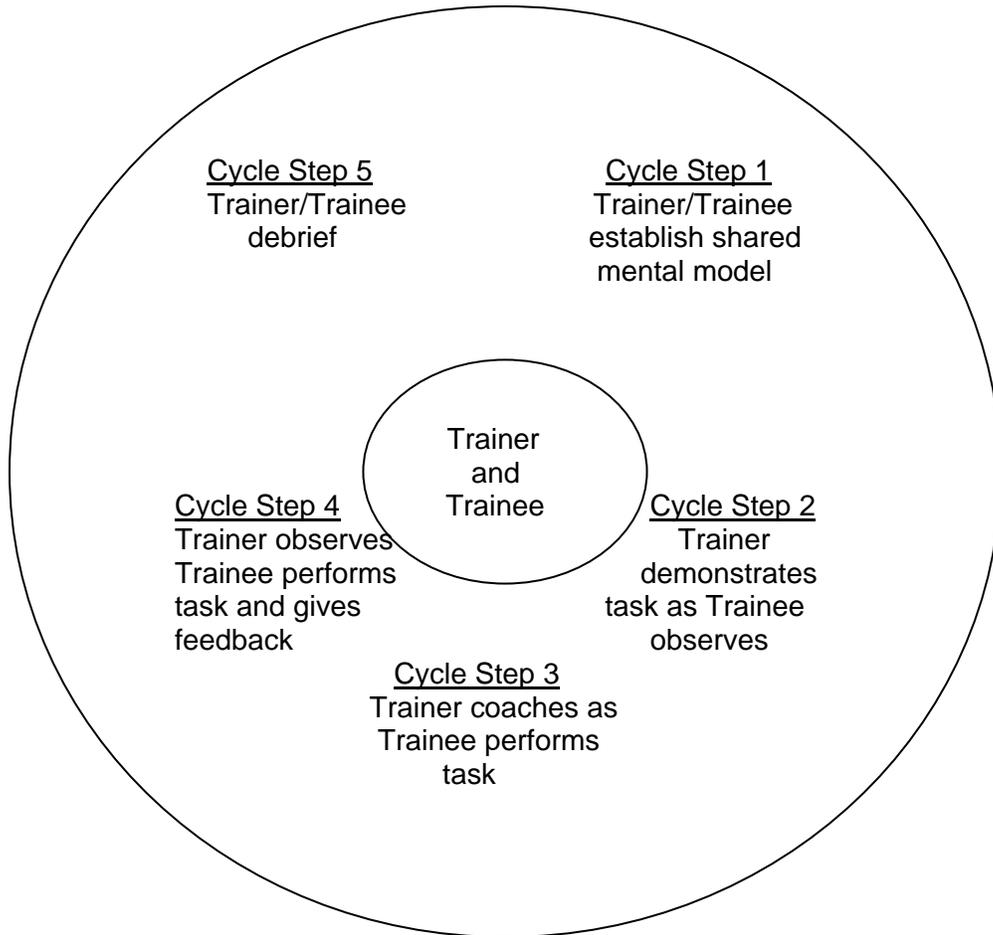
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# The Five-Step OJT Cycle for Procedural Training (Skill)



## OJT Module Lesson

Title: 118 Fragments-How to describe kinds of rock and other fragments in the soil.	
WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Cycle step 1	Access hardcopy or via the internet and review material in the <i>Field Book for Describing and Sampling Soils</i> , focusing on the chart for <b>kind of rock and other fragments</b> behind the Fragments tab, and the <b>bedrock-kind</b> chart associated with the Rock tab behind the Geology tab.
Cycle step 2	Do the following:
1. Review what is recorded according to the Field Book and SSM.	Note that kind is recorded in the <i>Rock Frags</i> column.
2. Demonstrate how to describe and record kinds of fragments.	Do this in the field. <ul style="list-style-type: none"> <li>• Do for all size classes as appropriate.</li> <li>• Do for rock, pararock and other kinds of fragments.</li> <li>• Discuss kinds of “other” fragments that are typical in your survey area.</li> <li>• Discuss bedrock related fragments that are typical in your survey area.</li> </ul>
3. Demonstrate how you would determine kind of unknown fragments.	Utilize whatever reference you use in your survey area to key out rock and pararock fragments related to geology in your survey area.
Cycle step 3	Coaching the trainee, have the trainee describe and record kinds of fragments as appropriate in your survey area.
Cycle step 4	Repeat cycle step 3 without coaching.
Cycle step 5	During project activities, assign the trainee the task of describing and recording kinds of fragments as soil descriptions are completed.
Cycle step 5	Answer any questions. Repeat any steps as necessary.

## **OJT Module Lesson Measurement of Learning**

<b>Title: 118 Fragments-How to describe kinds of rock and other fragments in the soil.</b>	
<b>WHAT</b>	<b>WHY, WHEN, WHERE, HOW, SAFETY, QUALITY</b>
Describe kinds of fragments kinds routinely during project activities.	During project activities, assign this task to the trainee. Sign off on performance when target proficiency is achieved.

### ***SF-182***

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