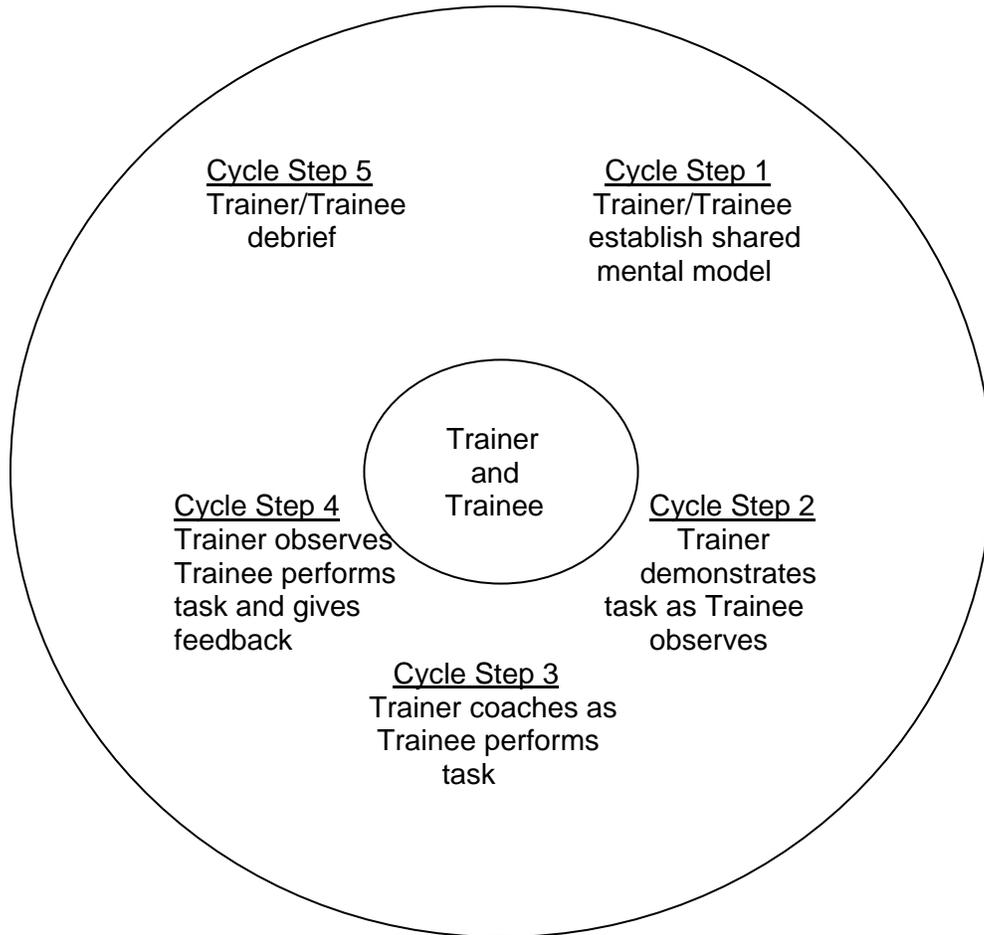


## OJT Training Module Cover Sheet

<b>Title:</b> 109 How to describe redoximorphic features.
<b>Type:</b> <input checked="" type="checkbox"/> Skill <input type="checkbox"/> Knowledge
<b>Performance Objective:</b> Trainee will be able to ... <ul style="list-style-type: none"><li>• Describe and record redoximorphic features using the Munsell Soil-Color Charts and the <i>Field Book for Describing and Sampling Soils</i>.</li></ul>
<b>Target Proficiency:</b> <input type="checkbox"/> Awareness <input type="checkbox"/> Understanding <input type="checkbox"/> Perform w/ Supervision <input checked="" type="checkbox"/> Apply Independently <input type="checkbox"/> Proficiency, can teach others
<b>Trainer Preparation:</b> <ul style="list-style-type: none"><li>• Trainer should be familiar with the assigned reading/review material in the lesson plan that follows.</li><li>• Trainer should be familiar with the concepts of describing soil color as discussed in Chapter 3 of the <i>Soil Survey Manual</i>.</li><li>• Have soil samples and field locations with pit, trench, road cut, or auger borings available.</li><li>• Have the Munsell Soil-Color Charts available.</li><li>• Have the <i>Field Book for Describing and Sampling Soils</i> available.</li><li>• Have hardcopy of the 232 soil description form or Pedon PC available.</li><li>• If one is in the office or can be located, have a copy of <i>Redoximorphic Features for Identifying Aquic Conditions</i>, North Carolina Agricultural Research Service, Technical Bulletin 301, and December, 1992, available.</li></ul>
<b>Special Requirements:</b> 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.
<b>Prerequisite Modules:</b> <ul style="list-style-type: none"><li>• 101 How to use the Field Book for Describing and Sampling Soils.</li><li>• 102 How to fill out a 232 soil description form.</li><li>• 106 How to use the Munsell Soil Color Charts to describe soil colors.</li></ul>
<b>Notes:</b> None
<b>Authors:</b> Marc Crouch
<b>Approved by:</b> Shawn McVey

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



## OJT Module Lesson

Title: 109 How to describe redoximorphic features.	
WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Cycle step 1	<p>Trainee should have accessed via the internet and read <i>Soil Survey Manual Chapter 3</i> section on <b>Soil Color</b>, focusing on <b>Mottling</b>, which is also relevant to this topic.</p> <p>If available, trainee should read the North Carolina State publication <i>Redoximorphic Features for Identifying Aquic Conditions</i>.</p> <p>Trainee should access via hardcopy or via the internet and review discussion and description sections of <b>redoximorphic features</b> in the <i>Field Book for Describing and Sampling Soils</i>.</p>
Cycle step 2	Do the following:
1. Review what can be recorded according to the Field Book and SSM.	Note that kind, quantity (% of area covered), size, contrast, color, moisture state, shape, location, hardness, and boundary are usually recorded.
2. Demonstrate how to describe and record redoximorphic features.	Do this in the field.
Cycle step 3	Coaching the trainee, have the trainee describe and record redoximorphic features as appropriate in the 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 redoximorphic features as soil descriptions are completed.
Cycle step 5	Answer any questions. Repeat any steps as necessary.

## OJT Module Lesson Measurement of Learning

Title: **109 How to describe redoximorphic features.**

<b>WHAT</b>	<b>WHY, WHEN, WHERE, HOW, SAFETY, QUALITY</b>
Describe RMFs 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.