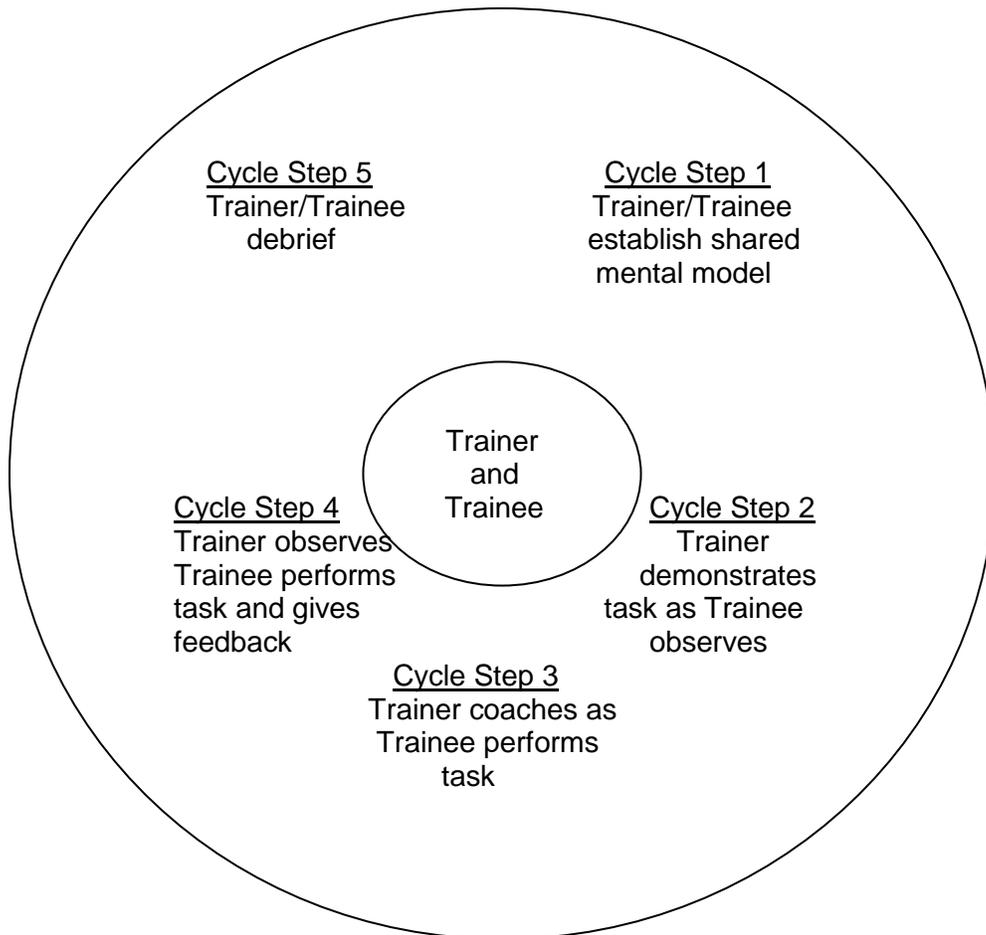


## OJT Training Module Cover Sheet

<b>Title:</b> 132 How to describe saturated hydraulic conductivity.
<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>• Understand the concept of saturated hydraulic conductivity.</li><li>• Describe and record saturated hydraulic conductivity using 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>• Have field locations with pit, trench, or road cuts 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></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 <i>Field Book for Describing and Sampling Soils</i>.</li><li>• 102 How to fill out a 232 soil description form.</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: 132 How to describe saturated hydraulic conductivity.	
WHAT	WHY, WHEN, WHERE, HOW, SAFETY, QUALITY
Cycle step 1	<p>Trainee should access via the internet (Soils/Home/Soil Survey/Publications/Soil Survey Technical Notes) and read the following to become familiar with <b>saturated hydraulic conductivity</b>:</p> <ul style="list-style-type: none"> <li>• <b>Soil Survey Technical Note No. 6 - Saturated Hydraulic Conductivity: Water Movement Concepts and Class History</b></li> </ul> <p>Trainee should access hardcopy or via the internet and read:</p> <ul style="list-style-type: none"> <li>• <i>Field Book for Describing and Sampling Soils</i> section on <b>Saturated Hydraulic Conductivity</b></li> </ul>
Cycle step 2	Do the following:
1. Review what can be recorded according to the Field Book and SSM.	Note that an estimated $K_{sat}$ class or a measured $K_{sat}$ value is recorded for each horizon/layer.
2. Demonstrate how to describe and record $K_{sat}$ .	Do this in the field.
Cycle step 3	Coaching the trainee, have the trainee describe and record $K_{sat}$ as appropriate in the survey area.
Cycle step 4	<p>Repeat cycle step 3 without coaching at another location.</p> <p>During project activities, assign the trainee the task of describing and recording <math>K_{sat}</math> as soil descriptions are completed.</p>
Cycle step 5	Answer any questions. Repeat any steps as necessary.

## OJT Module Lesson Measurement of Learning

Title: **132 How to describe saturated hydraulic conductivity.**

<b>WHAT</b>	<b>WHY, WHEN, WHERE, HOW, SAFETY, QUALITY</b>
Describe $K_{sat}$ 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.