# OJT Training Module Cover Sheet

## Title: 128 How to describe pedogenic carbonate stages.

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<thead>
<tr>
<th>Type:</th>
<th>☒ Skill ☐ Knowledge</th>
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### Performance Objective:
Trainee will be able to…
- Describe and record the pedogenic carbonates stages in sub humid to arid regions 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 field locations with pit, trench, or road cuts 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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### Approved by:
Shawn McVey
The Five-Step OJT Cycle for **Procedural** Training (Skill)
### OJT Module Lesson

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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 hardcopy or via the internet and read:  
  - *Field Book for Describing and Sampling Soils* section on Pedogenic Carbonate Stages:  
    - Pedogenic Carbonate Development  
    - Multiple Carbonate Stages  
    - Pedogenic Carbonate Stage Description  
    - Figure A-Pedogenic Carbonate Development Stages-Fine Earth Matrix  
    - Figure B-Pedogenic Carbonate Development Stages-Coarse Fragment Matrix |
| **Cycle step 2** | Trainer should demonstrate describing the carbonate stage present using the charts in the *Field Book for Describing and Sampling Soils* in a selected field location. Also demonstrate recording the description on the provided soil description 232 form. |
| **Cycle step 3** | Coaching the trainee, have the trainee use the charts provided to describe and record the carbonate stage at another location. |
| **Cycle step 4** | Repeat cycle step 3 without coaching at another location.  
  During project activities, assign the trainee the task of describing and recording pedogenic carbonate stages as soil descriptions are completed. |
| **Cycle step 5** | Answer any questions. Repeat any steps as necessary. |
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<tbody>
<tr>
<td>Use the carbonate stage charts to describe pedogenic carbonate stages.</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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</tbody>
</table>

**SF-182**

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