

MO-03 Technical Note

Date: 11/06

Subject: Field Review Preparation and Progressive Correlation

This tech note emphasizes the review of map units and map unit documentation for progressive correlation. Soil survey progressive correlation will proceed for approval of proposed series, provisional map units and ecological sites when the listed actions are completed by the soil survey project leader prior to the review. Adequate time for review of the items identified in this tech note must be included in the review schedule. As a result, time spent in the field reviewing problem areas will have secondary importance.

1. Proposed series that have been reviewed by the soil survey project leader or the MLRA soil survey office leader:
 - A. Have 3 or more pedon observations that establish series concept. (1)
 - B. Have a fully described modal pedon for the proposed series.
 - C. Proposed series is used in a provisional or approved map unit.
 - D. NASIS component or a worksheet/calculator is populated and available.
 - E. A draft Official Series Description that has been fully completed is available.

2. Provisional map units will be correlated and approved if the following are met:
 - A. Documentation data is available.(1)
 - B. Provisional map unit is delineated on field sheets or digitized and available for review.
 - C. Provisional data map unit is available in NASIS and contains at a minimum the major components for review of properties and interpretations.
 - D. Map unit fits spatially on topography for elevation, setting, climate and slope.
 - E. Minor components are populated in a data map unit or as part of field documentation including slope, surface texture, landform, position, aspect, shape, ecological site.
 - F. Taxonomic units are available for all major components.
 - G. 232's are entered into PEDON. (2)

3. Ecological sites will be correlated and approved when the following are met.
 - A. Support documentation is available.
 - B. Ecological site is clearly defined including soil and climate characteristics and how it differentiates from other sites.
 - C. The ESIS draft site or other format is available for field mappers and the review team.

4. Other map unit actions:
 - A. Revisions to approved map units are supported by reason for proposed action.
 - B. Map units from adjacent surveys are added for an exact join as recommended.
 - C. Revisions to map units from adjacent surveys necessary for an exact join are supported by reason for proposed action.
 5. An updated progress map is available.
 6. Field visits will focus on:
 - A. Review soils having classification/correlation problems.
 - B. Review ecological site correlation problems.
 - C. Review map unit design and map units with problems.
- (1) MO-03 Documentation standards for Rangeland and Forestland Order3 soil surveys.
- (2) PEDON data entry for MLRA-03 Region