



Earthwork Records System (ERS) Materials

(Material IDs 120, 145, 160, 200 and 548)

FM 1-T 238 Nuclear Density

A. Check to see that the following sample header is accurate:

- Material (i.e., 120 for Embankment)
- Test Number (FDOT Sample No.)
- Correct Proctor Sample was selected
 - Proctor Sample comparison package has been generated and Comparison Status is Compares
 - If the status is does not compare, make note of any field density samples that may need to have the proctor sample updated
- Elevation and Station

NOTE: Do not return the sample for data correction if the Category / Type is incorrect; for example, a sample designated as ERS Density Embankment on a Drainage logbook. A new sample with the correct key fields must be created and the incorrect sample must be deleted.

B. Check the following test data:

- Test data is properly and accurately reported
- Dates Test Performed is correct
- Correct TIN is identified

C. Other Verifications:

- LOTs/lifts are sampled, tested, identified, and reported on all samples (Refer to Specifications for frequency of sampling and testing)
- Tests that are not performed have a note explaining the disposition of the material

NOTE: MAC samples for stabilization mixing depth and base thickness (FM 5-534) are “Witnessed By” samples. The VT technician confirms the data is correct and matches what they witnessed before entering the VT TIN. The VT review is sufficient, and the samples are auto finalized. The PA does not need to review the samples unless there is a reason to. These samples can be returned for corrections if needed.