

2.14 Report on Classification Accuracy – Hillshade Displayed with 1 km X 1km tiles Overlayed

The USGS LiDAR Base Specification Version 1.0 states that: "It is required that due diligence in the classification process will produce data that meet the following tests:

- (1) Following classification processing, no non-withheld points should remain in Class 0.
- (2) Within any 1 kilometer (km) x 1 km area, no more than 2 percent of non-withheld points will possess a demonstrably erroneous classification value.
- (3) Points remaining in Class 1 that should be classified in any other required Class are subject to these accuracy requirements and will be counted towards the 2 percent threshold.

Note: These requirements may be relaxed to accommodate collections in areas where the USGS agrees classification to be particularly difficult.

The purpose of this section is to overlay a 1km x 1km tile scheme over the bare earth surface hillshade product to use for ground filter QC inspections.

[Data Source - E:\Pope_Hardin\Classified_LAS](#)

[Result Path - E:\Pope_Hardin\QAQC2\2_14_15\Hillshade_SingleFile.jp2](#)

[Tile Shapefile - E:\Pope_Hardin\QAQC2\2_14_15\tile.shp](#)

