

**This step not required for ALL geodatabases.**

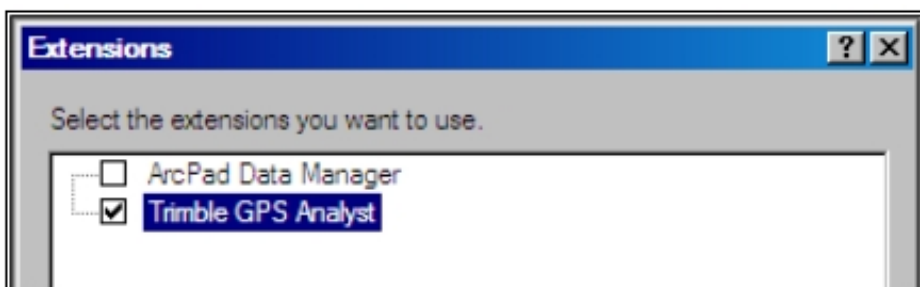
It is **REQUIRED** for those using ESRI ArcPad to collect data **AND** processing that data with

Trimble GPS Analyst

**1. To enable the GPS Analyst extension**

From the ArcCatalog menu bar, select **Tools / Extensions**

Check the box next to **Trimble GPS Analyst**



Click **Close**.

The GPS Analyst extension is now activated

### 2. To GPS-enable the geodatabase and feature classes

You can GPS-enable a geodatabase at the same time that you create the geodatabase, or later, once it contains GIS features. For this exercise, we will enable the GDB now before it contains any data.

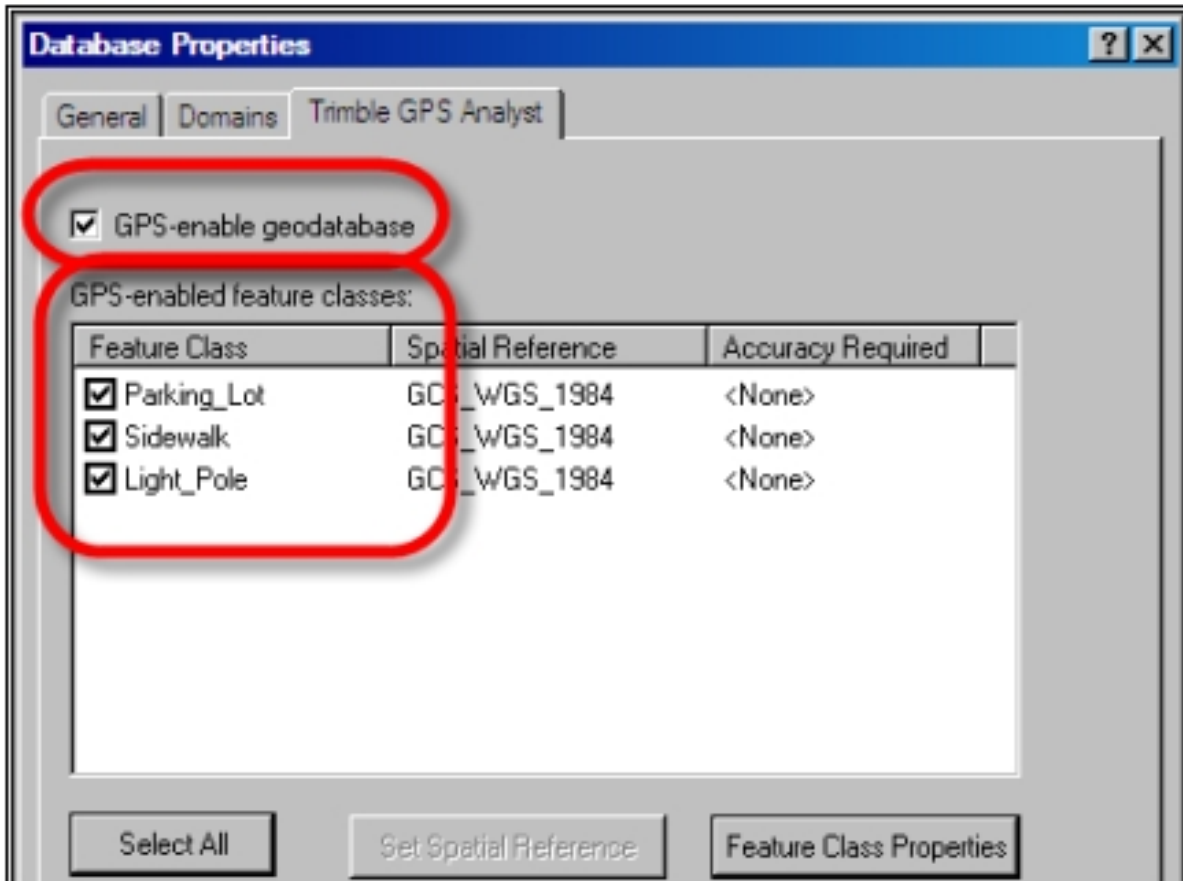
Right-click on the **Training\_Day1 geodatabase** and choose **Properties**

Click on the **Trimble GPS Analyst tab**

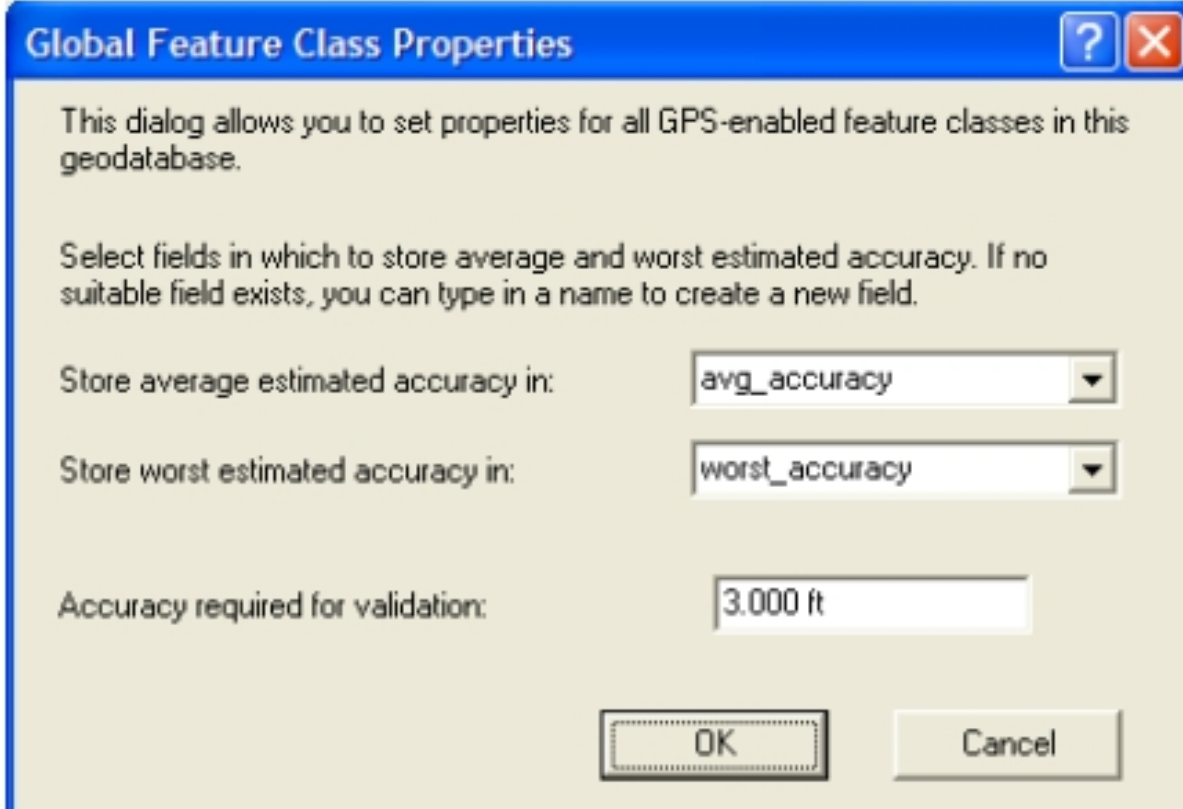
Place a checkmark next to the **GPS-enable geodatabase** box

Place a checkmark next to the **feature classes** you wish to GPS-enable.

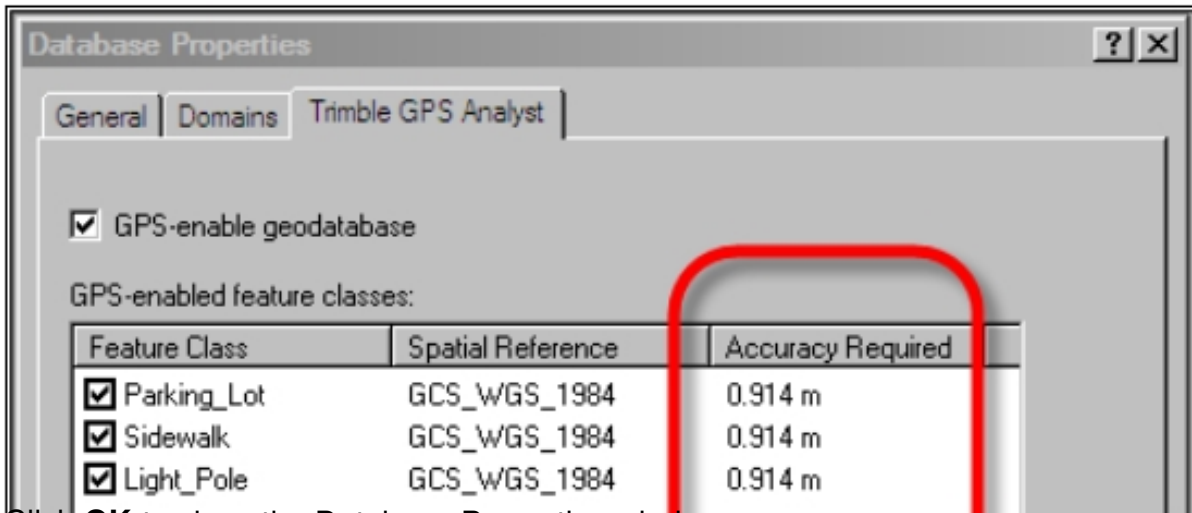
Click the **Select All** button to GPS-enable all listed feature classes.



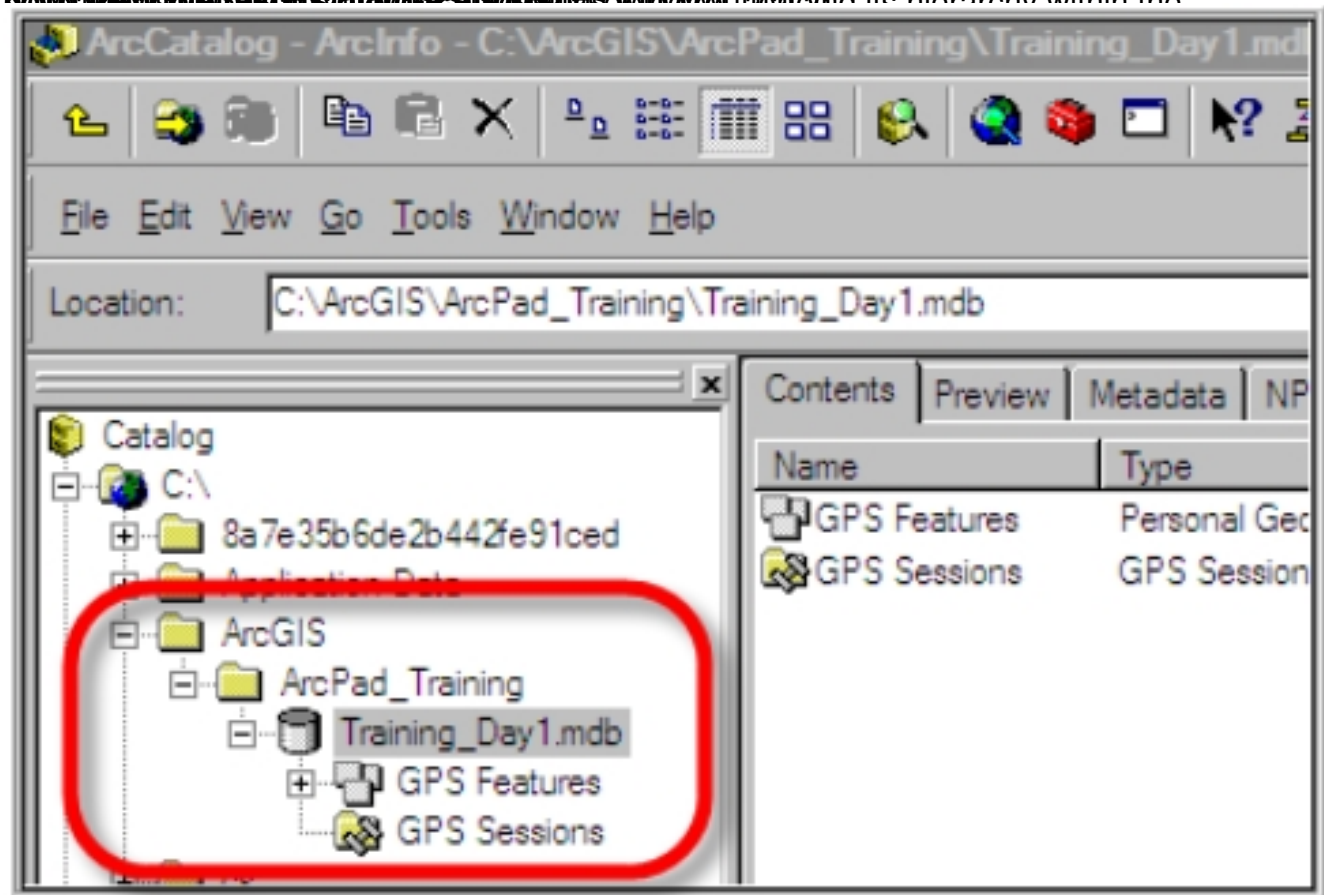
Click OK to enable the geodatabase for the selected feature classes and the data to this pad.



When you enable the geodatabase, all feature classes in the geodatabase have the same accuracy requirements for

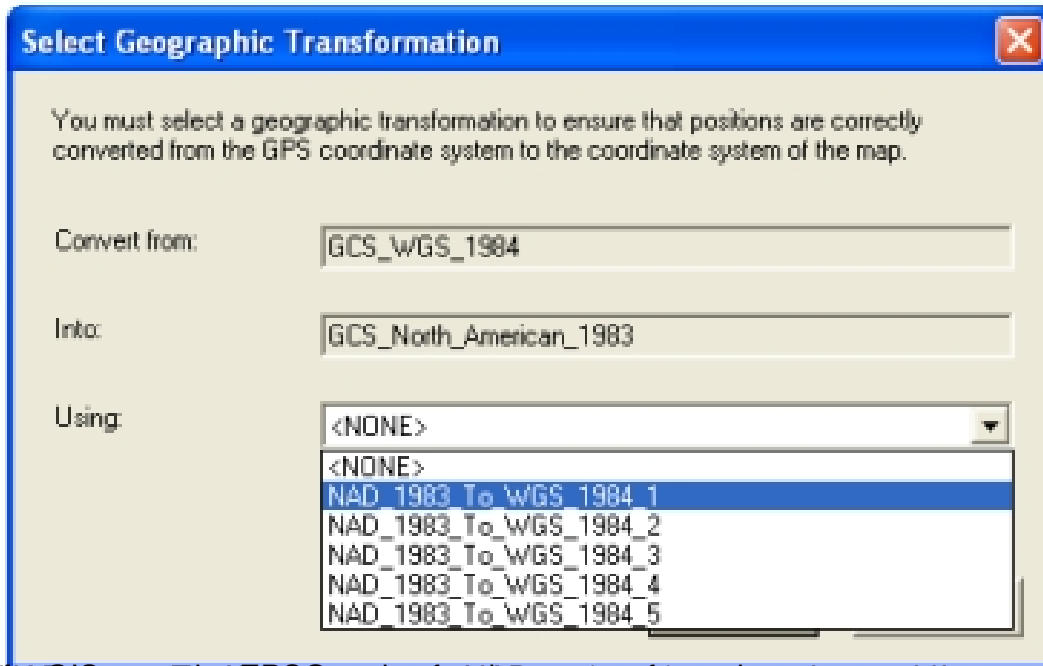


Click OK to close the Database Properties window and add its hierarchy within the



When creating a new field in the attribute table, GPS-enabled  
Coordinate systems other than WGS-84

If the feature classes in the geodatabase(s) at your office are not referenced to the WGS-84 coordinate system, a geographic transformation will need to be selected. This specifies which datum transformation GPS Analyst will use to correctly convert GPS data from its stored WGS-84 coordinates to the coordinate system of your GIS.



**Do not use the WGS 1984 datum for your data. Shift your data to the NAD 1983 datum. See the Datum 101 and DatumSection on this site, and Consult with your local GIS specialist for the correct settings for your location and data.**