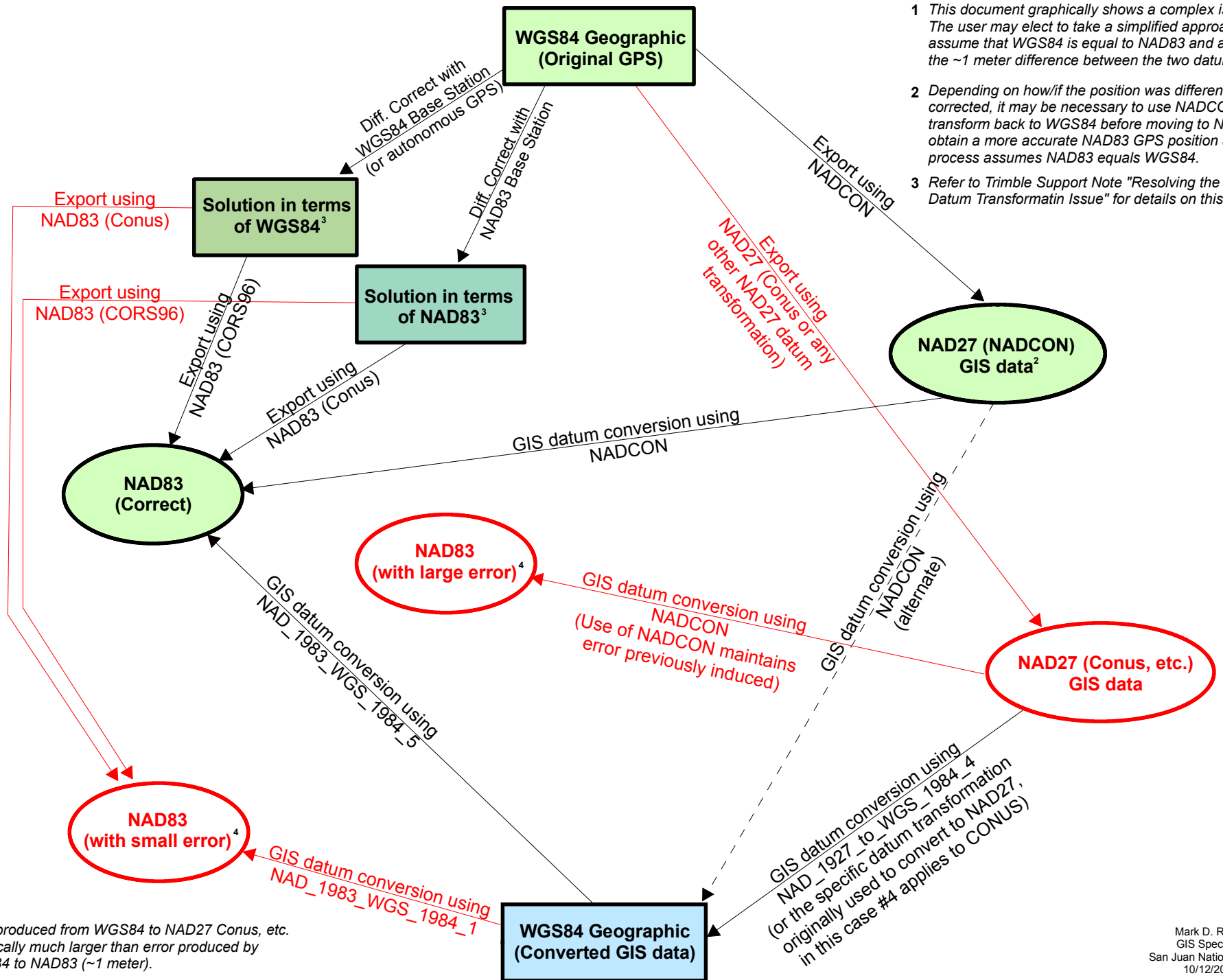


Correct Datum Transformations of WGS84 GPS Data into GIS for NAD83 and NAD27¹



- 1 This document graphically shows a complex issue. The user may elect to take a simplified approach and assume that WGS84 is equal to NAD83 and accept the ~1 meter difference between the two datums.
- 2 Depending on how/if the position was differentially corrected, it may be necessary to use NADCON to transform back to WGS84 before moving to NAD83 to obtain a more accurate NAD83 GPS position as this process assumes NAD83 equals WGS84.
- 3 Refer to Trimble Support Note "Resolving the NAD83 Datum Transformatin Issue" for details on this process.

4 Error produced from WGS84 to NAD27 Conus, etc. is typically much larger than error produced by WGS84 to NAD83 (~1 meter).