

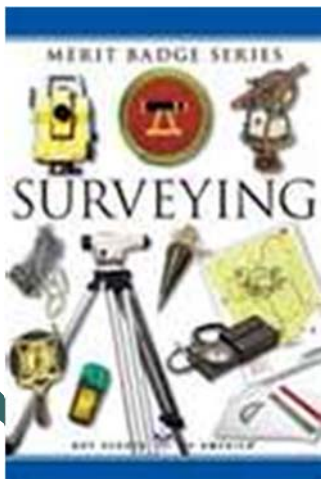
SURVEYING AND BOY SCOUTS



*The Unknown Boy Scout Statue (1937)
with modern accessories*

Camp Guyasuta hosted seven Boy Scouts from four different Troops for the surveying merit badge over the past weekend, learning the prestigious history, importance of accuracy, and attention to detail required for the profession.

Four local surveyors volunteered their time in mentoring the scouts, with Precision Laser giving demonstrations of the latest robotic total station and remote scanning technology, to include donating field books, scales, and a brand new set of binoculars for the Scout with the highest test score.



Surveying Merit Badge Camp Guyasuta, Pittsburgh, PA



The scouts learned about deed interpretation, safety, the varied sub disciplines of surveying (cadastral, hydrographic, topographic, GIS, planimetric, geodetic, construction, etc.), the history of surveying from ancient times to now, famous surveyors, as well as mathematics and legal requirements.

To add to the merit badge, the scouts did real world surveying in support of the camp, to include boundary survey evidence collection, setting geodetic survey control points, and performing as-built surveys for recent construction activities. The boys had hands on training with total stations, VRS GPS, survey chains, metal detectors, and compass.



Travis Anderson and Corey King GPS boundary evidence the Scouts found on the 130 acre camp property



Todd Courinos demonstrating the robotic total station

Find a Scout Troop near you:

<http://bsahosting.org/locator.htm>

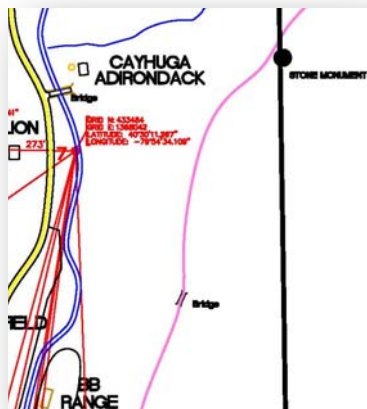
Find a Scouting District Council near you:

<http://www.scouting.org/LocalCouncilLocator.aspx>

Surveying and Scouts



Bob Wallace finding boundary



I wish to extend many thanks to the volunteers who helped make the merit badge class a success, and showing the scouts to a long honored profession. Todd Courinos from Precision Laser, Robert Wallace from Willbros, Travis Anderson from Stan Graff Surveying, and Corey King from Pennoni Associates.

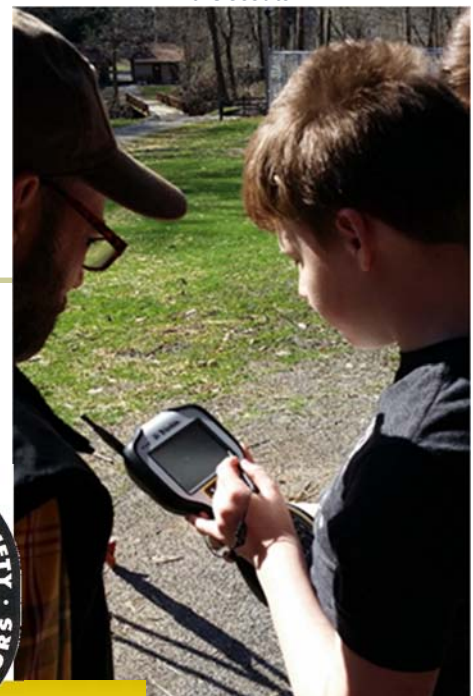
2013's "rarest" merit badges (much better than the negative-sounding "Bottom 10") were: Composite Materials, Drafting, **Surveying**, Stamp Collecting, American Labor, Journalism, American Business, Sustainability, Bugling and Programming. Don't deny other Scouts their chance to learn about surveying due to lack of counselors!

For those wishing to volunteer their time and experience by exposing the scouts to surveying, feel free to contact me for presentation material and teaching methods.

Jeffrey Horneman, PLS/GISP
US Army Corps of Engineers,
PSLS Geospatial Committee



Travis Anderson assisting in as-built locations of the new zip line and geodetic survey control with the Scouts



Todd Courinos supervising remote data collection

Scouts awarded the Survey MB

- Elijah Connell (T415 Ohio) - working to complete all 133 BSA merit badges, this badge was his 125th!
- Alexander Wallace (T65)
- Ben Horneman (T395)
- David Kish (T403)
- Keith Nikolaevich (T395)
- AJ Bischoff (T395)
- Thomas Spinks (T395)



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