

**Directions to GPS test site survey points
Whitehall Forest, University of Georgia, Athens, Georgia**

January 22, 2009

Listed below are directions to the surveyed points on the GPS test site, which is located on the University of Georgia's (UGA) Whitehall Forest. Users of the course need to contact the forest manager, Mike Hunter (706-542-4287 or 706-207-5514), prior to using the test site. Once access to the site has been arranged, users can locate each point by finding the appropriate PVC pole (hardwood stand) or fence post (pine stands), which are numbered (Note: Please do not disturb the PVC poles, they are used in our undergraduate forest measurements class). Near each of these poles is a surveyed monument, which is flush with the ground, and perhaps covered with dirt or debris.

Provided below are the approximate reference distance and reference azimuth from each PVC pole to its respective surveyed monument. Approximate X and Y coordinates are also provided, should you wish to navigate to each test point. Approximate coordinates are listed in UTM NAD83, Zone 17 format.

Point	Ref. Distance (feet)	Ref. Azimuth (Degrees)	X Coordinate (meters)	Y Coordinate (meters)
1	0.6	70	282,360	3,751,821
2	1.0	40	282,347	3,751,760
3	0.6	60	282,319	3,751,858
4	1.5	60	282,381	3,751,868
5	0.5	120	282,405	3,751,785
6	2.0	80	282,277	3,751,894
7	0.9	330	282,410	3,751,918
8	0.4	60	282,357	3,751,972
9	1.7	130	282,439	3,751,898
10	2.7	150	282,345	3,752,031
11	0.5	80	282,263	3,751,933
12	0.8	310	282,343	3,751,912
13	0.9	30	282,475	3,751,884
14	2.2	340	282,511	3,751,894
15	0.9	190	282,587	3,751,912
16	1.0	100	282,484	3,751,906
17	1.0	310	282,566	3,751,946
18	0.6	90	282,581	3,751,871
19	0.9	160	282,504	3,751,797
20	2.6	20	282,506	3,751,865
21	0.6	160	282,537	3,751,957
22	1.0	250	282,459	3,751,778
23	1.5	110	282,371	3,751,724
24	N/A		282,319	3,751,700
25	N/A		282,243	3,751,836
26	N/A		282,156	3,751,909
27	N/A		282,230	3,751,891
28	1.0	90	282,189	3,751,815
29	1.0	90	282,101	3,751,862
30	1.0	90	282,251	3,751,741
31	1.0	90	282,214	3,751,793
32	1.0	90	282,157	3,751,861

33	1.0	90	282,208	3,751,739
34	1.0	90	282,119	3,751,801
35	1.0	90	282,165	3,751,755
36	1.0	90	282,138	3,751,887
37	1.0	270	282,086	3,751,917