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RE: Location Accuracy of Idaho State University's-GIS Center Global Positioning System (GPS) Community Base Station reference location.

As a licensed public land surveyor in the State of Idaho, I recently surveyed the location of the ISU-GIS Center Community Base Station GPS antenna. The location was derived from RTK GPS observations taken under my supervision based on the ISU CORS (NGS reference PID DG6570 IDPO POCATELLO CORS of LATITUDE 42 51 55.99526 N, and LONGITUDE 112 25 54.28793 W). I determined the location of the above antenna to be:

Office of Research

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LAT	LONG	ELLIP. HGT.	CODE	CODE DESCRIPTION	Quality
42 52 3.207838 N	112 25 48.354170 W	4571.8625 FT	CORS-STC	Static GPS STA-Biol. Bldg.	0.0709 ft
42.86755773 N	112.4300984 W	1393.436 M			+/- 2 cm

Note: the Quality column represents the quality of combined position and height, and a statistical variance of several readings (taken at 0.2 sec interval) of the moving satellites and earth during the observation time of the location.

Sincerely,

Maher Wissa, ID PLS



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