

The NGS Data Sheet

See file [dsdata.pdf](#) for more information about the datasheet.

PROGRAM = datasheet95, VERSION = 8.12.5.2

1 National Geodetic Survey, Retrieval Date = FEBRUARY 27, 2019

DQ4657 *****

DQ4657 HT_MOD - This is a Height Modernization Survey Station.

DQ4657 DESIGNATION - BULLS HORNE

DQ4657 PID - DQ4657

DQ4657 STATE/COUNTY- SC/ABBEVILLE

DQ4657 COUNTRY - US

DQ4657 USGS QUAD - LATIMER (1964)

DQ4657

DQ4657 *CURRENT SURVEY CONTROL

DQ4657

DQ4657* NAD 83(2011) POSITION- 34 14 04.10161(N) 082 34 12.49693(W) ADJUSTED

DQ4657* NAD 83(2011) ELLIP HT- 168.463 (meters) (05/02/17) ADJUSTED

DQ4657* NAD 83(2011) EPOCH - 2010.00

DQ4657* [NAVD 88](#) ORTHO HEIGHT - 198.06 (meters) 649.8 (feet) GPS OBS

DQ4657

DQ4657 GEOID HEIGHT - -29.601 (meters) GEOID12B

DQ4657 NAD 83(2011) X - 682,615.687 (meters) COMP

DQ4657 NAD 83(2011) Y - -5,234,488.205 (meters) COMP

DQ4657 NAD 83(2011) Z - 3,568,073.762 (meters) COMP

DQ4657 LAPLACE CORR - 0.37 (seconds) DEFLEC12B

DQ4657

DQ4657 Network accuracy estimates per FGDC Geospatial Positioning Accuracy

DQ4657 Standards:

	FGDC (95% conf, cm)		Standard deviation (cm)			CorrNE
	Horiz	Ellip	SD_N	SD_E	SD_h	(unitless)

NETWORK	0.59	1.10	0.25	0.23	0.56	-0.00835062
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DQ4657 -----

DQ4657 Click [here](#) for local accuracies and other accuracy information.

DQ4657

DQ4657

DQ4657.The horizontal coordinates were established by GPS observations

DQ4657.and adjusted by the SOUTH CAROLINA GEODETIC SURVEY in May 2017.

DQ4657

DQ4657.NAD 83(2011) refers to NAD 83 coordinates where the reference frame has

DQ4657.been affixed to the stable North American tectonic plate. See

DQ4657.[NA2011](#) for more information.

DQ4657

DQ4657.The horizontal coordinates are valid at the epoch date displayed above

DQ4657.which is a decimal equivalence of Year/Month/Day.

DQ4657

DQ4657.The orthometric height was determined by GPS observations and a

DQ4657.high-resolution geoid model using precise GPS observation and

DQ4657.processing techniques.

DQ4657

DQ4657.Significant digits in the geoid height do not necessarily reflect accuracy.

DQ4657.GEOID12B height accuracy estimate available [here](#).

DQ4657

DQ4657.[Photographs](#) are available for this station.

DQ4657

DQ4657.The X, Y, and Z were computed from the position and the ellipsoidal ht.

DQ4657

DQ4657.The Laplace correction was computed from DEFLEC12B derived deflections.

DQ4657

DQ4657.The ellipsoidal height was determined by GPS observations

DQ4657.and is referenced to NAD 83.

DQ4657

DQ4657. The following values were computed from the NAD 83(2011) position.

DQ4657

DQ4657;		North	East	Units	Scale Factor	Converg.
DQ4657;SPC SC	-	267,377.906	464,971.299	MT	0.99984217	-0 52 13.7
DQ4657;SPC SC	-	877,224.10	1,525,496.39	iFT	0.99984217	-0 52 13.7
DQ4657;UTM 17	-	3,789,269.201	355,394.069	MT	0.99985776	-0 53 00.5

DQ4657

DQ4657! - Elev Factor x Scale Factor = Combined Factor

DQ4657!SPC SC - 0.99997356 x 0.99984217 = 0.99981573

DQ4657!UTM 17 - 0.99997356 x 0.99985776 = 0.99983132

DQ4657

DQ4657_U.S. NATIONAL GRID SPATIAL ADDRESS: 17SLT5539489269(NAD 83)

DQ4657

DQ4657 SUPERSEDED SURVEY CONTROL

DQ4657

DQ4657.No superseded survey control is available for this station.

DQ4657

DQ4657_MARKER: DD = SURVEY DISK

DQ4657_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT

DQ4657_STAMPING: BULLS HORNE 2016

DQ4657_MARK LOGO: SCGS

DQ4657_PROJECTION: FLUSH

DQ4657_MAGNETIC: M = MARKER EQUIPPED WITH BAR MAGNET

DQ4657_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO

DQ4657+STABILITY: SURFACE MOTION

DQ4657_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

DQ4657+SATELLITE: SATELLITE OBSERVATIONS - April 05, 2016

DQ4657

DQ4657 HISTORY - Date Condition Report By

DQ4657 HISTORY - 20160405 MONUMENTED SCGS

DQ4657

DQ4657 STATION DESCRIPTION

DQ4657

DQ4657'DESCRIBED BY SOUTH CAROLINA GEODETIC SURVEY 2016 (RPM)

DQ4657'THE STATION IS LOCATED ABOUT 10.1 MI (16.2 KM) NORTH OF CALHOUN FALLS,

DQ4657'7.3 MI (11.7 KM) SOUTHEAST OF IVA AND 4.8 MI (7.7 KM) EAST-NORTHEAST

DQ4657'OF LOWNDESVILLE. OWNERSHIP--SCDOT, DIRECTOR OF PRECONSTRUCTION, P.O.

DQ4657'BOX 191, COLUMBIA, SC 29202. TO REACH THE STATION FROM THE JUNCTION OF

DQ4657'STATE HIGHWAYS 71 AND 284 (MITCHELL PLACE ROAD), 3.6 MI (5.8 KM) EAST

DQ4657'OF LOWNDESVILLE, GO NORTH-NORTHEAST ON HIGHWAY 284 FOR 1.6 MI (2.6 KM)

DQ4657'TO THE STATION ON THE LEFT NEAR A CHAN LINK FENCE IN THE SOUTHWEST

DQ4657'ANGLE OF THE THE JUNCTION OF STATE ROAD 96 (BULLS HORNE ROAD). STATION

DQ4657'IS FLUSH WITH THE GROUND AND 0.5 FT (15 CM) ABOVE THE ROAD, 50.7 FT

DQ4657'(15.5 M) WEST-NORTHWEST OF THE CENTER OF THE HIGHWAY, 32.7 FT (10.0 M)

DQ4657'SOUTH-SOUTHEAST OF THE CENTER OF THE ROAD, 3.7 FT (1.1 M)

DQ4657'NORTH-NORTHWEST OF THE FENCE LINE, 218.0 FT (66.4 M) EAST-NORTHEAST OF

DQ4657'THE EAST END OF A 1.5 FT (0.5 M) CULVERT BENEATH THE GATED DRIVEWAY

DQ4657'LEADING TO HOUSE 1485. DESCRIBED BY J.B. SMOAK.

*** retrieval complete.

Elapsed Time = 00:00:18