

Well construction records, Tater Hill Hydrogeologic Research Station, Tater Hill, Watuaga County, NC

Location ID (for lab)	Well ID	Date of Completi on	Total Well Depth, ft bls ¹	Casin g/Rise r Depth, ft bls ¹	Casin g Type	Well Diam. inches	Screened/Open Interval, ft bls ¹		Screened or Open	Meas. Pt. Relat Elev ² . ft	Height of Meas. Pt. Above LS, ft.	Land Surface Elev. ft. above msl ²	Latitude NAD 83	Longitude NAD83
40004000001	MW-TH-1S	31/7/2007	40	20	PVC	4	20	40	SCREEN	117.362	3.00	114.36	N 36 16 46.3	W 81 43 03.5
40004000002	MW-TH-1D	31/7/2007	350	27	GALV	6.25	27	350	OPEN	117.971	3.00	114.97	N 36 16 45.9	W 81 43 03.7
40004000003	MW-ASU-1D	5/13/2005	345	23	PVC	6 1/8	23	345	OPEN	116.152		116.15	N 36 16 45.8	W 81 43 03.7
40004000004	Howard Crk.												N 36 16 48.6	W 81 43 04.8

Notes:

1-Feet below land surface

2- does not tie in any benchmark (as there is not any near), so a reference elevation of 100.000 ft on a bolt that was driven into a rock in the stream is used. All of the elevations are relative to one another.

MW-TH-1S yields a little water, not enough for sampling, recover so slow

MW-TH-1D reported to yield 3 gpm at 30 feet below land surface (bls) and little at 340 bls; no fracture

MW-ASU-1D yields 60 gpm at 256 feet bls, a major producing fracture