

Well Construction Details - Coweeta Hydrogeologic Research Station, Macon County, North Carolina

Well Name	Latitude	Longitude	Total Depth	Well Yield (approx)	Land Surface Elevation	Measuring Point Elevation	Completion Date	Ground Water Zone	Casing / Riser Depth
			ft bls	gpm	ft above msl	ft above msl			ft bls
CW-1S	35.05989	-83.42886	22	2	2251.01	2254.05	7/24/2007	shallow regolith	8
CW-1I	35.06023	-83.4288	45	5	2250.01	2252.92	10/8/2006	transition zone	39
CW-1D	35.0604	-83.42994	291	45	2250.40	2253.61	7/25/2007	bedrock	52
CW-CH-1	35.06014	-83.42887	110		2251.01	2253.83	11/17/2006	bedrock	50
CW-1-P1S	35.06046	-83.42773	12	<0.2	2240.51	2243.51	11/1/2007	shallow regolith	1
CW-1-P2S	35.06063	-83.42789	10	<0.2	2240.79	2243.65	11/3/2007	shallow regolith	5
CW-2I	35.04546	-83.44604	20.5	3	2750.27	2753.54	8/12/2007	transition zone	9
CW-2D	35.04543	-83.44588	220	5	2750.16	2753.27	8/9/2007	bedrock	20
CW-CH-2	35.04554	-83.44584	200		2749.85	2752.98	5/17/2006	bedrock	14
CW-3PS	35.04393	-83.44964	20	<0.1	2825.62	2828.45	9/12/2007	shallow regolith	15
CW-3PI	35.043935	-83.449645	40	3	2825.62	2828.44	9/12/2007	transition zone	33
CW-3D	35.04393	-83.44981	220	6	2830.10	2833.12	9/22/2007	bedrock	61
CW-CH-3	35.04392	-83.44981	200		2827.36	2830.14	5/3/2006	bedrock	67
CW-4I	35.03314	-83.45042	63.5	<0.1	3848.60	3851.32	10/5/2006	transition zone	42
CW-4D	35.03304	-83.45033	600	0.5	3850.01	3852.73	9/22/2006	bedrock	70
CW-CH-4	35.03299	-83.45033	200		3850.30	3852.89	4/23/2006	bedrock	63

S, shallow; I, intermediate; D, deep; ft, feet; msl, mean sea level; bls, below land surface;
 OH, open hole; in, inches; gpm, gallons per minute; PVC, polyvinylchloride

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Well Name	Screened / Open Interval ft bls	Screen/Open Hole Diameter in	Screened or Open	Screen Slot Size	Type of Well
CW-1S	8-18	4	screened	0.01 slotted PVC	shallow regolith monitoring
CW-1I	39-44	4	screened	0.01 slotted PVC	transition zone monitoring
CW-1D	52-291	6.25 OH	open		bedrock monitoring
CW-CH-1	50-108	3 OH	open		open corehole
CW-1-P1S	1-4	2	screened	0.01 slotted PVC	shallow regolith monitoring
CW-1-P2S	5-8	2	screened	0.01 slotted PVC	shallow regolith monitoring
CW-2I	9-19	4	screened	0.01 slotted PVC	transition zone monitoring
CW-2D	20-220	6.25 OH	open		bedrock monitoring
CW-CH-2	14-200	3 OH	open		open corehole
CW-3PS	15-20	2	screened	0.01 slotted PVC	shallow regolith monitoring
CW-3PI	33-38	2	screened	0.01 slotted PVC	transition zone monitoring
CW-3D	61-220	6.25 OH	open		bedrock monitoring
CW-CH-3	67-200	3 OH	open		open corehole
CW-4I	42-62	4	screened	0.01 slotted PVC	transition zone monitoring
CW-4D	70-600	6.25 OH	open		bedrock monitoring
CW-CH-4	63-200	3 OH	open		open corehole

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Well Cluster Locations - Coweeta Hydrogeologic Research Station, Macon County, North Carolina

