

Well Construction Details - Pasour Mountain Groundwater Monitoring and Research Station, Gaston County, North Carolina

Well name	Latitude	Longitude	Total depth ft bls ¹	Well yield (approximate) gpm	Land surface elevation (approximate) ft above msl ²	Measuring point elevation ft above msl ²	Completion Date	Groundwater zone	Casing Type	Casing / Riser Depth ft bls ¹
PM-1	35.33740446	-81.26256147	104.7		939.58	942.15	5/17/1995	Transition-zone	galv-steel	98.4
PM-2	35.33734717	-81.26255628	40.5	3	939.68	942.81	6/13/1995	Regolith	PVC	25.5
PM-3	35.33654242	-81.26260420	127.0	25	926.22	929.08	6/13/1995	Transition-zone	galv-steel	107.0
PM-5	35.33700264	-81.26027500	63.0	3	988.63	991.83	6/14/1995	Regolith	PVC	48.0
PM-6	35.33622667	-81.26627732	153.0		895.99	898.71	6/28/1995	Transition-zone	galv-steel	110.0
PM-7	35.33622424	-81.26618374	75.0	2	895.99	898.49	6/18/1995	Regolith	PVC	60.0
PM-9	35.33652571	-81.26255643	94.1	10	925.97	929.24	7/26/1995	Regolith	PVC	23.0
PM-14	35.33787619	-81.27061512	48.0	2	906.14	909.25	9/19/1995	Regolith	PVC	38.0
PM-15	35.33870528	-81.27195570	53.7	2	900.52	903.56	9/19/1995	Regolith	PVC	43.0
PM-17	35.33793392	-81.26787122	31.0		863.13		9/26/1995	Regolith	PVC	22.0
PM-18	35.33790301	-81.26789530	138.0	50	863.30		9/26/1995	Transition-zone	galv-steel	63.0
PM-19	35.33693254	-81.26494297	50.0		919.58	923.05	10/17/1995	Regolith	PVC	40.0
PM-22	35.33659088	-81.26220798	87.6	50	931.78	935.03	11/8/1995	Transition-zone	galv-steel	85.0
PM-25	35.33654530	-81.26211568	82.6	12	931.78	935.36	5/8/1997	Regolith	PVC	20.0

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Well name	Screened / Open Interval		Screen / open hole diameter	Screened or Open	Screen Slot Size	Type of well	Comments
	ft bls ¹						
PM-1	98.4	104.7	4	Open Hole		Transition-zone Monitoring	
PM-2	25.5	40.5	2	Screened	0.01 slotted PVC	Regolith Monitoring	
PM-3	107.0	127.0	4	Open Hole		Transition-zone Monitoring	
PM-5	48.0	63.0	2	Screened	0.01 slotted PVC	Regolith Monitoring	
PM-6	110.0	153.0	4	Open Hole		Transition-zone Monitoring	
PM-7	60.0	75.0	2	Screened	0.01 slotted PVC	Regolith Monitoring	
PM-9	23.0	94.1	4	Screened	0.01 slotted PVC	Regolith Monitoring	
PM-14	38.0	48.0	2	Screened	0.01 slotted PVC	Regolith Monitoring	
PM-15	43.0	53.7	2	Screened	0.01 slotted PVC	Regolith Monitoring	
PM-17	22.0	31.0	2	Screened	0.01 slotted PVC	Regolith Monitoring	
PM-18	63.0	138.0	4	Open Hole		Transition-zone Monitoring	
PM-19	40.0	50.0	2	Screened	0.01 slotted PVC	Regolith Monitoring	
PM-22	85.0	87.6	4	Open Hole		Transition-zone Monitoring	
PM-25	20.0	82.6	4"	Screened	0.01 slotted PVC	Regolith Monitoring	

1 - Feet below land surface; 2 - Feet above Mean Sea Level