

Dwyer Case History



Project Name: Hanging Rock Energy Facility

Type: Gravity Grouted Push Piers

Owner: Duke Energy

Engineer: MAGNUM Geo-Solutions, LLC

Location: Ironton, OH

Description: Dwyer was contracted to repair both cooling towers at their Ironton, OH facility. Water was leaking from the basin in the sump area due to excessive foundation settlement. Dwyer installed 26 grouted push piers through the existing basin mat slab and around the foundation stem walls.

DEPTH (ft)	ELEV (ft)	SAMPLES			RECOVER (in.)	REMARKS
		IDEN	TYPE	N-COUNT		
549.7		SS-1	1-2-3	(N = 5)	18	SUF
		SS-2	7-8-8	(N = 16)	18	
544.7		3	3-3-5	(N = 8)	14	
		SS-4	5-5-6	(N = 11)	12	
539.7		SS-5	5-5-7	(N = 12)	12	
534.7		SS-6	2-3-4	(N = 7)	16	
529.7		SS-7	6-14-19	(N = 33)	18	
524.7		SS-8	7-11-15	(N = 26)	12	
519.7		SS-9	9-12-14	(N = 26)	12	
514.7		SS-10	4-5-5	(N = 10)	14	W
509.7		SS-11	4-5-7	(N = 12)	6	
504.7		SS-12	6-6-7	(N = 13)	12	
499.7		SS-13	8-5-4	(N = 9)	18	
494.7		SS-14	10-11-13	(N = 24)	0	
489.7		SS-15	7-7-9	(N = 16)	18	

