

WILDCAT DYNAMIC CONE LOG

The Ohio Department of Transportation
Office of Geotechnical Engineering
1600 West Broad Street, Columbus, Ohio 43223

PROJECT NUMBER: 8809
DATE STARTED: 10-04-2022
DATE COMPLETED: 10-04-2022

HOLE #: D-001-1-22
CREW: P. Painter & J. Binkley
PROJECT: MUS-22-9.95
LAT/LONG: Sta. 582+92
LOCATION: Muskingum County

SURFACE ELEVATION: 724.3
WATER ON COMPLETION: 0.2 ft.
HAMMER WEIGHT: 35 lbs.
CONE AREA: 10 sq. cm

DEPTH	BLOWS PER 10 cm	RESISTANCE Kg/cm ²	GRAPH OF CONE RESISTANCE				N'	TESTED CONSISTENCY	
			0	50	100	150		NON-COHESIVE	COHESIVE
-	2	8.9	••				2	VERY LOOSE	SOFT
-	5	22.2	•••••				6	LOOSE	MEDIUM STIFF
- 1 ft	5	22.2	•••••				6	LOOSE	MEDIUM STIFF
-	5	22.2	•••••				6	LOOSE	MEDIUM STIFF
-	3	13.3	•••				3	VERY LOOSE	SOFT
- 2 ft	3	13.3	•••				3	VERY LOOSE	SOFT
-	6	26.6	••••••				7	LOOSE	MEDIUM STIFF
-	8	35.5	••••••••				10	LOOSE	STIFF
- 3 ft	13	57.7	••••••••••				16	MEDIUM DENSE	VERY STIFF
- 1 m	9	40.0	••••••••				11	MEDIUM DENSE	STIFF
-	8	30.9	••••••				8	LOOSE	MEDIUM STIFF
- 4 ft	23	88.8	••••••••••••••				25	MEDIUM DENSE	VERY STIFF
-	19	73.3	••••••••••••				20	MEDIUM DENSE	VERY STIFF
-	6	23.2	•••••				6	LOOSE	MEDIUM STIFF
- 5 ft	4	15.4	••••				4	VERY LOOSE	SOFT
-	4	15.4	••••				4	VERY LOOSE	SOFT
-	14	54.0	••••••••••				15	MEDIUM DENSE	STIFF
- 6 ft	20	77.2	••••••••••••••				22	MEDIUM DENSE	VERY STIFF
-	18	69.5	••••••~••••••				19	MEDIUM DENSE	VERY STIFF
- 2 m	11	42.5	••••••••				12	MEDIUM DENSE	STIFF
- 7 ft	11	37.6	••••••••				10	LOOSE	STIFF
-	10	34.2	••••••••				9	LOOSE	STIFF
-	6	20.5	•••••				5	LOOSE	MEDIUM STIFF
- 8 ft	2	6.8	•				1	VERY LOOSE	VERY SOFT
-	4	13.7	•••				3	VERY LOOSE	SOFT
-	6	20.5	•••••				5	LOOSE	MEDIUM STIFF
- 9 ft	5	17.1	••••				4	VERY LOOSE	SOFT
-	5	17.1	••••				4	VERY LOOSE	SOFT
-	6	20.5	•••••				5	LOOSE	MEDIUM STIFF
- 3 m 10 ft	6	20.5	•••••				5	LOOSE	MEDIUM STIFF
-	4	12.2	•••				3	VERY LOOSE	SOFT
-	4	12.2	•••				3	VERY LOOSE	SOFT
-	3	9.2	••				2	VERY LOOSE	SOFT
- 11 ft	2	6.1	•				1	VERY LOOSE	VERY SOFT
-	3	9.2	••				2	VERY LOOSE	SOFT
-	3	9.2	••				2	VERY LOOSE	SOFT
- 12 ft	4	12.2	•••				3	VERY LOOSE	SOFT
-	8	24.5	••••••				6	LOOSE	MEDIUM STIFF
-	8	24.5	••••••				6	LOOSE	MEDIUM STIFF
- 4 m 13 ft	6	18.4	•••••				5	LOOSE	MEDIUM STIFF

