

WILDCAT DYNAMIC CONE LOG

Page 1 of 1

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

PROJECT NUMBER: 118690
DATE STARTED: 01-22-2024
DATE COMPLETED: 01-22-2024

HOLE #: D-001-0-24
CREW: Taliaferro, Jalbrzikowski, Painter
PROJECT: MUS-555-2.30
LAT/LONG: 39.792163, -81.982077
LOCATION: Muskingum County

SURFACE ELEVATION: 817.5
WATER ON COMPLETION: Dry
HAMMER WEIGHT: 35 lbs.
CONE AREA: 10 sq. cm

DEPTH	BLOWS PER 10 cm	RESISTANCE Kg/cm ²	GRAPH OF CONE RESISTANCE 0 50 100 150	N'	TESTED CONSISTENCY	
					NON-COHESIVE	COHESIVE
-	1	4.4	•	1	VERY LOOSE	VERY SOFT
-	2	8.9	••	2	VERY LOOSE	SOFT
- 1 ft	3	13.3	•••	3	VERY LOOSE	SOFT
-	1	4.4	•	1	VERY LOOSE	VERY SOFT
-	2	8.9	••	2	VERY LOOSE	SOFT
- 2 ft	2	8.9	••	2	VERY LOOSE	SOFT
-	7	31.1	•••••••	8	LOOSE	MEDIUM STIFF
-	9	40.0	••••••••	11	MEDIUM DENSE	STIFF
- 3 ft	8	35.5	•••••••	10	LOOSE	STIFF
- 1 m	12	53.3	••••••••••	15	MEDIUM DENSE	STIFF
-	14	54.0	••••••••••	15	MEDIUM DENSE	STIFF
- 4 ft	16	61.8	••••••••••	17	MEDIUM DENSE	VERY STIFF
-	15	57.9	••••••••••	16	MEDIUM DENSE	VERY STIFF
-	16	61.8	••••••~	17	MEDIUM DENSE	VERY STIFF
- 5 ft	18	69.5	•••••••••••	19	MEDIUM DENSE	VERY STIFF
-	18	69.5	••••••~	19	MEDIUM DENSE	VERY STIFF
-	19	73.3	••••••~	20	MEDIUM DENSE	VERY STIFF
- 6 ft	16	61.8	••••••~	17	MEDIUM DENSE	VERY STIFF
-	16	61.8	••••••~	17	MEDIUM DENSE	VERY STIFF
- 2 m						
- 7 ft						
-						
- 8 ft						
-						
- 9 ft						
-						
- 3 m 10 ft						
-						
-						
- 11 ft						
-						
- 12 ft						
-						
- 4 m 13 ft						

Latitude & Longitude from OGE handheld GPS unit. Elevation from District Survey terrain file.

WILDCAT DYNAMIC CONE LOG

Page 1 of 1

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

PROJECT NUMBER: 118690
DATE STARTED: 01-22-2024
DATE COMPLETED: 01-22-2024

HOLE #: D-001-1-24
CREW: Taliaferro, Jalbrzikowski, Painter
PROJECT: MUS-555-2.30
LAT/LONG: 39.792168, -81.982121
LOCATION: Muskingum County

SURFACE ELEVATION: 823.6
WATER ON COMPLETION: Dry
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
-	4	17.8	.....				5	LOOSE	MEDIUM STIFF
-	3	13.3	...				3	VERY LOOSE	SOFT
- 1 ft	3	13.3	...				3	VERY LOOSE	SOFT
-	2	8.9	..				2	VERY LOOSE	SOFT
-	2	8.9	..				2	VERY LOOSE	SOFT
- 2 ft	2	8.9	..				2	VERY LOOSE	SOFT
-	2	8.9	..				2	VERY LOOSE	SOFT
-	3	13.3	...				3	VERY LOOSE	SOFT
- 3 ft	5	22.2	.....				6	LOOSE	MEDIUM STIFF
- 1 m	4	17.8	.....				5	LOOSE	MEDIUM STIFF
-	5	19.3	.....				5	LOOSE	MEDIUM STIFF
- 4 ft	7	27.0	.....				7	LOOSE	MEDIUM STIFF
-	7	27.0	.....				7	LOOSE	MEDIUM STIFF
-	7	27.0	.....				7	LOOSE	MEDIUM STIFF
- 5 ft	7	27.0	.....				7	LOOSE	MEDIUM STIFF
-	10	38.6	.....				11	MEDIUM DENSE	STIFF
-	11	42.5	.....				12	MEDIUM DENSE	STIFF
- 6 ft	14	54.0	.....				15	MEDIUM DENSE	STIFF
-	17	65.6	.....				18	MEDIUM DENSE	VERY STIFF
- 2 m	20	77.2	.....				22	MEDIUM DENSE	VERY STIFF
- 7 ft	22	75.2	.....				21	MEDIUM DENSE	VERY STIFF
-	25	85.5	.....				24	MEDIUM DENSE	VERY STIFF
-	25	85.5	.....				24	MEDIUM DENSE	VERY STIFF
- 8 ft									
-									
- 9 ft									
-									
- 3 m 10 ft									
-									
-									
- 11 ft									
-									
- 12 ft									
-									
- 4 m 13 ft									

Latitude & Longitude from OGE handheld GPS unit. Elevation from District Survey terrain file.

WILDCAT DYNAMIC CONE LOG

Page 1 of 1

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

PROJECT NUMBER: 118690
DATE STARTED: 01-22-2024
DATE COMPLETED: 01-22-2024

HOLE #: D-002-0-24
CREW: Taliaferro, Jalbrzikowski, Painter
PROJECT: MUS-555-2.30
LAT/LONG: 39.792559, -81.98213
LOCATION: Muskingum County

SURFACE ELEVATION: 820.0
WATER ON COMPLETION: Dry
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
-	4	17.8	.....				5	LOOSE	MEDIUM STIFF
-	3	13.3	...				3	VERY LOOSE	SOFT
- 1 ft	2	8.9	..				2	VERY LOOSE	SOFT
-	2	8.9	..				2	VERY LOOSE	SOFT
-	1	4.4	.				1	VERY LOOSE	VERY SOFT
- 2 ft	2	8.9	..				2	VERY LOOSE	SOFT
-	2	8.9	..				2	VERY LOOSE	SOFT
-	4	17.8	.....				5	LOOSE	MEDIUM STIFF
- 3 ft	6	26.6	.....				7	LOOSE	MEDIUM STIFF
- 1 m	6	26.6	.....				7	LOOSE	MEDIUM STIFF
-	9	34.7	.....				9	LOOSE	STIFF
- 4 ft	12	46.3	.....				13	MEDIUM DENSE	STIFF
-	11	42.5	.....				12	MEDIUM DENSE	STIFF
-	11	42.5	.....				12	MEDIUM DENSE	STIFF
- 5 ft	12	46.3	.....				13	MEDIUM DENSE	STIFF
-	13	50.2	.....				14	MEDIUM DENSE	STIFF
-	12	46.3	.....				13	MEDIUM DENSE	STIFF
- 6 ft	13	50.2	.....				14	MEDIUM DENSE	STIFF
-	15	57.9	.....				16	MEDIUM DENSE	VERY STIFF
- 2 m	15	57.9	.....				16	MEDIUM DENSE	VERY STIFF
- 7 ft	14	47.9	.....				13	MEDIUM DENSE	STIFF
-	15	51.3	.....				14	MEDIUM DENSE	STIFF
-	24	82.1	.....				23	MEDIUM DENSE	VERY STIFF
- 8 ft	20	68.4	.....				19	MEDIUM DENSE	VERY STIFF
-	16	54.7	.....				15	MEDIUM DENSE	STIFF
- 9 ft									
-									
- 3 m	10 ft								
-									
-									
-	11 ft								
-									
-	12 ft								
-									
- 4 m	13 ft								

Latitude & Longitude from OGE handheld GPS unit. Elevation from District Survey terrain file.

WILDCAT DYNAMIC CONE LOG

Page 1 of 1

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

PROJECT NUMBER: 118690
DATE STARTED: 01-22-2024
DATE COMPLETED: 01-22-2024

HOLE #: D-003-0-24
CREW: Taliaferro, Jalbrzikowski, Painter
PROJECT: MUS-555-2.30
LAT/LONG: 39.792751, -81.982194
LOCATION: Muskingum County

SURFACE ELEVATION: 817.8
WATER ON COMPLETION: Dry
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
-	5	22.2	.....				6	LOOSE	MEDIUM STIFF
-	3	13.3	...				3	VERY LOOSE	SOFT
- 1 ft	3	13.3	...				3	VERY LOOSE	SOFT
-	2	8.9	..				2	VERY LOOSE	SOFT
-	2	8.9	..				2	VERY LOOSE	SOFT
- 2 ft	2	8.9	..				2	VERY LOOSE	SOFT
-	3	13.3	...				3	VERY LOOSE	SOFT
-	3	13.3	...				3	VERY LOOSE	SOFT
- 3 ft	2	8.9	..				2	VERY LOOSE	SOFT
- 1 m	2	8.9	..				2	VERY LOOSE	SOFT
-	5	19.3	.....				5	LOOSE	MEDIUM STIFF
- 4 ft	5	19.3	.....				5	LOOSE	MEDIUM STIFF
-	6	23.2	.....				6	LOOSE	MEDIUM STIFF
-	7	27.0	.....				7	LOOSE	MEDIUM STIFF
- 5 ft	20	77.2	.....				22	MEDIUM DENSE	VERY STIFF
-	22	84.9	.....				24	MEDIUM DENSE	VERY STIFF
-	22	84.9	.....				24	MEDIUM DENSE	VERY STIFF
- 6 ft	24	92.6	.....				25+	MEDIUM DENSE	VERY STIFF
-	23	88.8	.....				25	MEDIUM DENSE	VERY STIFF
- 2 m	25	96.5	.....				25+	MEDIUM DENSE	VERY STIFF
- 7 ft	28	95.8	.....				25+	MEDIUM DENSE	VERY STIFF
-									
- 8 ft									
-									
- 9 ft									
-									
- 3 m 10 ft									
-									
-									
- 11 ft									
-									
- 12 ft									
-									
- 4 m 13 ft									

Latitude & Longitude from OGE handheld GPS unit. Elevation from District Survey terrain file.

WILDCAT DYNAMIC CONE LOG

Page 1 of 1

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

PROJECT NUMBER: 118690
DATE STARTED: 01-22-2024
DATE COMPLETED: 01-22-2024

HOLE #: D-004-0-24
CREW: Taliaferro, Jalbrzikowski, Painter
PROJECT: MUS-555-2.30
LAT/LONG: 39.793045, -81.982254
LOCATION: Muskingum County

SURFACE ELEVATION: 820.3
WATER ON COMPLETION: Dry
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
-	7	31.1	.....				8	LOOSE	MEDIUM STIFF
-	3	13.3	...				3	VERY LOOSE	SOFT
- 1 ft	2	8.9	..				2	VERY LOOSE	SOFT
-	3	13.3	...				3	VERY LOOSE	SOFT
-	2	8.9	..				2	VERY LOOSE	SOFT
- 2 ft	3	13.3	...				3	VERY LOOSE	SOFT
-	2	8.9	..				2	VERY LOOSE	SOFT
-	3	13.3	...				3	VERY LOOSE	SOFT
- 3 ft	2	8.9	..				2	VERY LOOSE	SOFT
- 1 m	3	13.3	...				3	VERY LOOSE	SOFT
-	6	23.2	.....				6	LOOSE	MEDIUM STIFF
- 4 ft	8	30.9	.....				8	LOOSE	MEDIUM STIFF
-	7	27.0	.....				7	LOOSE	MEDIUM STIFF
-	8	30.9	.....				8	LOOSE	MEDIUM STIFF
- 5 ft	13	50.2	.....				14	MEDIUM DENSE	STIFF
-	15	57.9	.....				16	MEDIUM DENSE	VERY STIFF
-	12	46.3	.....				13	MEDIUM DENSE	STIFF
- 6 ft	15	57.9	.....				16	MEDIUM DENSE	VERY STIFF
-	13	50.2	.....				14	MEDIUM DENSE	STIFF
- 2 m	14	54.0	.....				15	MEDIUM DENSE	STIFF
- 7 ft	18	61.6	.....				17	MEDIUM DENSE	VERY STIFF
-	13	44.5	.....				12	MEDIUM DENSE	STIFF
-	14	47.9	.....				13	MEDIUM DENSE	STIFF
- 8 ft	13	44.5	.....				12	MEDIUM DENSE	STIFF
-	21	71.8	.....				20	MEDIUM DENSE	VERY STIFF
-	21	71.8	.....				20	MEDIUM DENSE	VERY STIFF
- 9 ft	14	47.9	.....				13	MEDIUM DENSE	STIFF
-	11	37.6	.....				10	LOOSE	STIFF
-	16	54.7	.....				15	MEDIUM DENSE	STIFF
- 3 m 10 ft	19	65.0	.....				18	MEDIUM DENSE	VERY STIFF
-									
-									
-									
- 11 ft									
-									
-									
- 12 ft									
-									
- 4 m 13 ft									

Latitude & Longitude from OGE handheld GPS unit. Elevation from District Survey terrain file.

WILDCAT DYNAMIC CONE LOG

Page 1 of 1

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

PROJECT NUMBER: 118690
DATE STARTED: 01-22-2024
DATE COMPLETED: 01-22-2024

HOLE #: D-005-0-24
CREW: Taliaferro, Jalbrzikowski, Painter
PROJECT: MUS-555-2.30
LAT/LONG: 39.793297, -81.982317
LOCATION: Muskingum County

SURFACE ELEVATION: 817.3
WATER ON COMPLETION: Dry
HAMMER WEIGHT: 35 lbs.
CONE AREA: 10 sq. cm

DEPTH	BLOWS PER 10 cm	RESISTANCE Kg/cm ²	GRAPH OF CONE RESISTANCE 0 50 100 150	N'	TESTED CONSISTENCY	
					NON-COHESIVE	COHESIVE
-	2	8.9	••	2	VERY LOOSE	SOFT
-	3	13.3	•••	3	VERY LOOSE	SOFT
- 1 ft	3	13.3	•••	3	VERY LOOSE	SOFT
-	4	17.8	••••	5	LOOSE	MEDIUM STIFF
-	3	13.3	•••	3	VERY LOOSE	SOFT
- 2 ft	3	13.3	•••	3	VERY LOOSE	SOFT
-	2	8.9	••	2	VERY LOOSE	SOFT
-	3	13.3	•••	3	VERY LOOSE	SOFT
- 3 ft	2	8.9	••	2	VERY LOOSE	SOFT
- 1 m	2	8.9	••	2	VERY LOOSE	SOFT
-	4	15.4	••••	4	VERY LOOSE	SOFT
- 4 ft	3	11.6	•••	3	VERY LOOSE	SOFT
-	4	15.4	••••	4	VERY LOOSE	SOFT
-	5	19.3	•••••	5	LOOSE	MEDIUM STIFF
- 5 ft	7	27.0	••••••	7	LOOSE	MEDIUM STIFF
-	10	38.6	••••••••	11	MEDIUM DENSE	STIFF
-	13	50.2	•••••••••	14	MEDIUM DENSE	STIFF
- 6 ft	19	73.3	••••••••••••	20	MEDIUM DENSE	VERY STIFF
-	21	81.1	•••••••••••••	23	MEDIUM DENSE	VERY STIFF
- 2 m	30	115.8	••••••••••••••••	25+	DENSE	HARD
- 7 ft						
-						
- 8 ft						
-						
- 9 ft						
-						
- 3 m 10 ft						
-						
-						
- 11 ft						
-						
- 12 ft						
-						
- 4 m 13 ft						

Latitude & Longitude from OGE handheld GPS unit. Elevation from District Survey terrain file.

WILDCAT DYNAMIC CONE LOG

Page 1 of 1

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

PROJECT NUMBER: 118690
DATE STARTED: 01-22-2024
DATE COMPLETED: 01-22-2024

HOLE #: D-006-0-24
CREW: Taliaferro, Jalbrzikowski, Painter
PROJECT: MUS-555-2.30
LAT/LONG: 39.793573, -81.982414
LOCATION: Muskingum County

SURFACE ELEVATION: 819.8
WATER ON COMPLETION: Dry
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
-	3	13.3	•••				3	VERY LOOSE	SOFT
- 1 ft	3	13.3	•••				3	VERY LOOSE	SOFT
-	2	8.9	••				2	VERY LOOSE	SOFT
-	2	8.9	••				2	VERY LOOSE	SOFT
- 2 ft	2	8.9	••				2	VERY LOOSE	SOFT
-	2	8.9	••				2	VERY LOOSE	SOFT
-	2	8.9	••				2	VERY LOOSE	SOFT
- 3 ft	3	13.3	•••				3	VERY LOOSE	SOFT
- 1 m	4	17.8	••••				5	LOOSE	MEDIUM STIFF
-	6	23.2	•••••				6	LOOSE	MEDIUM STIFF
- 4 ft	8	30.9	••••••				8	LOOSE	MEDIUM STIFF
-	9	34.7	•••••••				9	LOOSE	STIFF
-	11	42.5	••••••••				12	MEDIUM DENSE	STIFF
- 5 ft	13	50.2	•••••••••				14	MEDIUM DENSE	STIFF
-	11	42.5	••••••••				12	MEDIUM DENSE	STIFF
-	15	57.9	•••••••••				16	MEDIUM DENSE	VERY STIFF
- 6 ft	30	115.8	••••••••••••••••				25+	DENSE	HARD
-	13	50.2	••••••••				14	MEDIUM DENSE	STIFF
- 2 m	12	46.3	••••••••				13	MEDIUM DENSE	STIFF
- 7 ft	19	65.0	••••••••••				18	MEDIUM DENSE	VERY STIFF
-	22	75.2	•••••••••••				21	MEDIUM DENSE	VERY STIFF
-	15	51.3	••••••••				14	MEDIUM DENSE	STIFF
- 8 ft	15	51.3	••••••••				14	MEDIUM DENSE	STIFF
-	15	51.3	••••••~				14	MEDIUM DENSE	STIFF
-	17	58.1	••••••••				16	MEDIUM DENSE	VERY STIFF
- 9 ft	17	58.1	••••••~				16	MEDIUM DENSE	VERY STIFF
-	18	61.6	••••••~				17	MEDIUM DENSE	VERY STIFF
-	17	58.1	••••••~				16	MEDIUM DENSE	VERY STIFF
- 3 m 10 ft	15	51.3	••••••~				14	MEDIUM DENSE	STIFF
-									
-									
-									
- 11 ft									
-									
-									
- 12 ft									
-									
- 4 m 13 ft									

Latitude & Longitude from OGE handheld GPS unit. Elevation from District Survey terrain file.

WILDCAT DYNAMIC CONE LOG

Page 1 of 1

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

PROJECT NUMBER: 118690
DATE STARTED: 01-22-2024
DATE COMPLETED: 01-22-2024

HOLE #: D-007-0-24
CREW: Taliaferro, Jalbrzikowski, Painter
PROJECT: MUS-555-2.30
LAT/LONG: 39.793839, -81.982484
LOCATION: Muskingum County

SURFACE ELEVATION: 813.5
WATER ON COMPLETION: Dry
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
-	1	4.4	•				1	VERY LOOSE	VERY SOFT
-	3	13.3	•••				3	VERY LOOSE	SOFT
- 1 ft	3	13.3	•••				3	VERY LOOSE	SOFT
-	2	8.9	••				2	VERY LOOSE	SOFT
-	2	8.9	••				2	VERY LOOSE	SOFT
- 2 ft	3	13.3	•••				3	VERY LOOSE	SOFT
-	6	26.6	••••••				7	LOOSE	MEDIUM STIFF
-	6	26.6	••••••				7	LOOSE	MEDIUM STIFF
- 3 ft	5	22.2	•••••				6	LOOSE	MEDIUM STIFF
- 1 m	4	17.8	•••••				5	LOOSE	MEDIUM STIFF
-	4	15.4	••••				4	VERY LOOSE	SOFT
- 4 ft	7	27.0	••••••				7	LOOSE	MEDIUM STIFF
-	6	23.2	•••••				6	LOOSE	MEDIUM STIFF
-	8	30.9	•••••••				8	LOOSE	MEDIUM STIFF
- 5 ft	10	38.6	••••••••				11	MEDIUM DENSE	STIFF
-	12	46.3	•••••••••				13	MEDIUM DENSE	STIFF
-	14	54.0	••••••••••				15	MEDIUM DENSE	STIFF
- 6 ft	13	50.2	•••••••••				14	MEDIUM DENSE	STIFF
-	17	65.6	•••••••••••				18	MEDIUM DENSE	VERY STIFF
- 2 m	16	61.8	•••••••••••				17	MEDIUM DENSE	VERY STIFF
- 7 ft	15	51.3	•••••••••				14	MEDIUM DENSE	STIFF
-	14	47.9	•••••••••				13	MEDIUM DENSE	STIFF
-	15	51.3	•••••••••				14	MEDIUM DENSE	STIFF
- 8 ft	19	65.0	•••••••••••				18	MEDIUM DENSE	VERY STIFF
-	20	68.4	•••••••••••				19	MEDIUM DENSE	VERY STIFF
- 9 ft									
-									
- 3 m 10 ft									
-									
-									
- 11 ft									
-									
- 12 ft									
-									
- 4 m 13 ft									

Latitude & Longitude from OGE handheld GPS unit. Elevation from District Survey terrain file.