

APPENDIX A

Summary Sample Study

Caterpillar Well #2

Winkler #1

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by

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	Thickness Feet	Depth Feet
Pleistocene Series		
Silt, yellowish brown (loess) (1 sample)	32	32
Sand, silty, gravelly, slightly clayey Yellowish brown (looks like washed till)	48	80
Sand, slightly silty, little fine gravel, yellowish brown (some washed till)	5	85
Sand, gravelly, silty, slightly clayey, yellowish brown	10	95
Till - dark gray slightly gravelly, silty sand to sandy silt	13	108
Silurian System		
Niagaran Series		
Dolomite, yellowish brown, very fine, granular, slightly porous	12	120
Dolomite, yellowish brown, very fine, granular, with little massive; little shale or clay, weak slightly sandy, very light green	10	130
Dolomite, light yellowish brown to grayish brown, very fine to fine, crystalline, few calcite veins; little shale or clay very light green, slightly sandy, weak	5	135
Dolomite, yellowish brown to grayish brown, very fine to fine, crystalline, little medium, slightly porous	20	155
Dolomite, light grayish brown, little light yellowish brown, very fine, crystalline, slightly porous to porous	60	215
Dolomite, light gray to light brownish gray, very fine, crystalline, little slightly black speckled	30	245
Dolomite, very light buffish gray to white, very fine, granular, little slightly porous, little black speckled	50	295

	<u>Thickness Feet</u>	<u>Depth Feet</u>
Dolomite, white to light yellowish buff, very fine to medium, granular, little crystalline	25	320
Dolomite, light brownish gray to yellowish buff, very fine, little fine to medium, crystalline to granular, slightly porous, little granular calcite	25	345
Dolomite, yellowish buff, very fine to medium, crystalline to granular, slightly porous to porous	10	355
Dolomite, buff to yellowish buff, very fine to coarse, granular to little crystalline, little coarse granular calcite, slightly porous	20	375
Dolomite, light gray to white, little light yellowish buff, very fine, crystalline to granular	30	405
Alexandrian Series		
Dolomite, light gray to light buffish gray, very fine to coarse, granular to crystalline, slightly silty, very slightly porous, little chert	40	445
Dolomite, light buffish gray, very fine to medium, granular, little coarse, crystalline, cherty	24	469
Ordovician System		
Cincinnatian Series		
Maquoketa Formation		
Dolomite, brownish gray, black speckled, pyritic; shale, gray to dark gray, brittle to weak, dolomitic	16	485 TD