B: TBM A

UNSHIELDED TBM, LIMITED SUPPORT, LINING & GROUTING

B: TBM B

OPEN TBM WITH FINGER SHIELD; ROCKBOLTS, MESH AND/OR RING BEAMS; WITH CAST IN PLACE CONCRETE LINER, WITH OR WITHOUT MEMBRANE, GROUTING

B: TBM C

SEALED TBM WITH BOLTED & GASKETED CONCRETE LINER

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A Site: #1: Galena-platteville, Under Maquoketa, Dry & Stable

#2: Galena-Platteville, Des Plaines Disturbance

#3: Galena-Platteville, No Maquoketa, Greater Than 75 Feet Below Bedrock Surface

#4: Galena-Platteville, Sandwich Fault, Broken & Wet

#5: Galena-Platteville, No Maquoketa, < 75' Below Bedrock Surface

#6: Maquoketa, > 75' Below Bedrock Surface, Relatively Dry

#7: Maquoketa, < 75' Below Bedrock Surface, Relatively Wet

#8: Maquoketa, Des Plaines Disturbance

#9: Silurian, > 75' Below Bedrock Surface, Relatively Dry

#10: Silurian, < 75' Below Bedrock Surface, Relatively Wet

#11: Silurian, Des Plaines Disturbance

#12: St. Peter, Maquoketa Or Galena-Platteville Missing, Below Water Table

#13: Prairie Du Chien, Sandwich Fault, Broken, Below Water Table

#14: Prairie Du Chien, Below Water Table

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Mid Site: Other E/V Site

B Site

A Site

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South Ring - Inclined

Schedule in Years