

Appendix D
Soil Boring Logs

LOG OF BORING

PROJECT: CMXX-95-0678 PHASE II ENVIRONMENTAL SITE ASSESSMENT Boker's, Inc. Minneapolis, Minnesota			BORING: ST-10			
			LOCATION: See attached sketch.			
			DATE: 9/26/95	SCALE: 1" = 4'		
Elev.	Depth 0.0	ASTM Symbol	Description of Materials (ASTM D2488)	BPF	WL	Tests or Notes
	1.0		FILL: Clayey Sand, fine grained, black, moist.			
	4.0		FILL: Sandy Lean Clay, dark brown, moist.	7		
	7.0		FILL: Lean Clay with Silt, with layers of Poorly Graded Sand, brown, moist.	6		
	12.0	SP	POORLY GRADED SAND with GRAVEL, fine to medium grained, light brown, moist, medium dense. (Alluvium)	17		
	13.0	SM	SILTY SAND with GRAVEL, fine to medium grained, brown, waterbearing, medium dense. (Glacial Till)	18		
			END OF BORING Water not observed with 11.5 feet of hollow-stem auger in the ground. Hydropunch performed in borehole. Boring immediately backfilled with grout.			

LOG OF BORING

PROJECT: CMXX-95-0678 PHASE II ENVIRONMENTAL SITE ASSESSMENT Boker's, Inc. Minneapolis, Minnesota	BORING: ST-11 LOCATION: See attached sketch. DATE: 9/26/95 SCALE: 1" = 4'
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Elev.	Depth 0.0	ASTM Symbol	Description of Materials (ASTM D2488)	BPF	WL	Tests or Notes
			FILL: Poorly Graded Sand with Silt and Gravel, fine to medium grained, brown, moist.	10 9 6		
	9.0					
	10.5	SP SM	POORLY GRADED SAND with SILT and GRAVEL, fine to medium grained, brown, waterbearing, very loose. (Alluvium)	2		
			END OF BORING Water not observed with 9 feet of hollow-stem auger in the ground. Boring immediately backfilled with grout.			

LOG OF BORING

PROJECT: CMXX-95-0678 PHASE II ENVIRONMENTAL SITE ASSESSMENT Boker's, Inc. Minneapolis, Minnesota	BORING: ST-12 LOCATION: See attached sketch. DATE: 9/26/95 SCALE: 1" = 4'
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Elev.	Depth 0.0	ASTM Symbol	Description of Materials (ASTM D2488)	BPF	WL	Tests or Notes
	1.0		FILL: Silty Sand, fine to medium grained, brown, moist.			
			FILL: Sandy Lean Clay with Gravel, brown, moist.	3		
	4.0		FILL: Clayey Sand, fine to medium grained, with layers of Sandy Lean Clay, brown, moist.	5		
	7.0		FILL: Sandy Lean Clay with Gravel, with layers of Silty Sand, brown, moist.	4		
	9.0		FILL: Poorly Graded Sand with Silt and Gravel, fine to medium grained, brown, waterbearing.	3		
	10.0	SM	SILTY SAND with GRAVEL, fine to medium grained, brown, moist, very loose to medium dense. (Glacial Till)	36		
			<i>↑ SAME TILL?</i>	32		
	22.0			34		
	23.0	CL	SANDY LEAN CLAY with GRAVEL, grey, moist, hard. (Glacial Till)	34		
			END OF BORING			
			Water not observed with 22.5 feet of hollow-stem auger in the ground.			
			Boring immediately backfilled with grout.			

LOG OF BORING

PROJECT: CMXX-95-0678 PHASE II ENVIRONMENTAL SITE ASSESSMENT Boker's, Inc. Minneapolis, Minnesota			BORING: ST-13			
			LOCATION: See attached sketch.			
			DATE: 9/26/95	SCALE: 1" = 4'		
Elev.	Depth 0.0	ASTM Symbol	Description of Materials (ASTM D2488)	BPF	WL	Tests or Notes
	2.0		FILL: Sandy Lean Clay, dark brown, moist.			
	7.0	SP	POORLY GRADED SAND with GRAVEL, fine to medium grained, brown, moist, loose. (Alluvium)	9		
	9.0	SM	SILTY SAND with GRAVEL, fine to medium grained, brown, moist, very loose. (Glacial Till)	3		
	10.5	SC	CLAYEY SAND, fine to medium grained, with a layer of Poorly Graded Sand with Silt, greyish brown, wet, very loose. (Glacial Till)	2		
			END OF BORING Water not observed with 9 feet of hollow-stem auger in the ground. Boring immediately backfilled with grout.			