



SASKATOON AREA											
PERIOD	EPOCH	STAGE / AGE (Ma)	GROUP	STRATIGRAPHY	LITHOLOGY						
QUATERNARY	Holocene		Alluvium	Surficial Stratified Deposits	Clay, Sil. Sand						
				Headwaters	Silt, Sand, Gravel						
				Barabur	Clay, Sil. Sand						
				Upper	Clay, Sil. Sand						
				Lower	Clay, Sil. Sand						
				Pleistocene	Bridgman	Floral	Upper	Clay, Sil. Sand			
							Lower	Clay, Sil. Sand			
							Warman	Upper	Clay, Sil. Sand		
								Lower	Clay, Sil. Sand		
								Lower	Clay, Sil. Sand		
Pleistocene	Phon	Dundurn	Upper	Clay, Sil. Sand							
			Lower	Clay, Sil. Sand							
			Mennon	Upper	Clay, Sil. Sand						
				Lower	Clay, Sil. Sand						
				Lower	Clay, Sil. Sand						
TERTIARY	Neogene	Pliocene	Bearpaw	Upper	Silt and Clay						
				Lower	Silt and Clay						
				Campanian	Upper	Silt and Clay					
					Lower	Silt and Clay					
					Lower	Silt and Clay					
				Cretaceous	Upper Cretaceous	Santonian	Kibby	Upper	Silt and Clay		
								Lower	Silt and Clay		
								Cretaceous	Kibby	Upper	Silt and Clay
										Lower	Silt and Clay
										Lower	Silt and Clay
Cretaceous	Lower Cretaceous	Albian	Kibby					Upper	Silt and Clay		
								Lower	Silt and Clay		
				Albian	Kibby	Upper	Silt and Clay				
						Lower	Silt and Clay				
						Lower	Silt and Clay				

LIMITATIONS

- EXCEPT AT BOREHOLE SITES WHERE GEOLOGIC LOGS ARE AVAILABLE, GEOLOGIC CONTACTS ARE INFERRED AND REPRESENT GEOLOGIC MODELS THAT ARE BELIEVED TO BEST FIT THE INFORMATION.
- INTERPOLATIONS BETWEEN HOLES ARE LINEAR AND MAY NOT EXACTLY MATCH INTERPOLATIONS FROM OTHER MAPS, PARTICULARLY WHERE BOREHOLES DO NOT INTERSECT ENTIRE STRATIGRAPHIC PROFILE.
- NEITHER MDH ENGINEERED SOLUTIONS CORP. OR THE SASKATCHEWAN WATERSHED AUTHORITY WILL BE LIABLE FOR ANY DECISIONS BASED ON OR INFLUENCED BY DATA AND INTERPRETATIONS PROVIDED ON THIS CROSS-SECTION.
- NO INTERPRETATIONS OF SEDIMENTS BELOW K16 MADE UNLESS ENCOUNTERED IN A BOREHOLE USED ON THE CROSS-SECTION.

REVISIONS		DRAWING STATUS				DATE	SCALE:	CLIENT		TITLE
No.	DATE	DESCRIPTION	GEO.	DRN.	CHK.	APP.	RECORD OF CONSTRUCTION	APPROVED BY:	A. KARVONEN / G. POTTER	25-JAN-11
		PRELIMINARY				DATE	H 1:200,000 V 1:4000	Saskatchewan Watershed Authority		CROSS SECTION G-G'
		DESIGN REPORT				DATE	GEOLOGY BY:	A. KARVONEN / G. POTTER		20-SEP-10
		APPROVED FOR TENDER				DATE	DRAWN BY:	C. SCHMIDT / E. OVCINA		25-JAN-11
		APPROVED FOR CONSTRUCTION				DATE	CHECKED BY:	A. KARVONEN / G. POTTER		25-OCT-10
		RECORD OF CONSTRUCTION				DATE	APPROVED BY:	A. KARVONEN / G. POTTER		25-JAN-11
		PRODUCED BY				DATE	MDH ENGINEERED SOLUTIONS		PROJECT No. M1890-103010 APPENDIX C	
		DRAWING No.				DATE	M1890-62-7		REV.	