



SASKATOON AREA								
PERIOD	TIME	STAGE / AGE (Ma)	GROUP	FORMATION	UNIT OR MEMBER	LITHOLOGY	SYMBOL	
Cretaceous	Cretaceous	Late Cretaceous	Saskatchewan	Saskatchewan	Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
Cretaceous	Cretaceous	Middle Cretaceous	Saskatchewan	Saskatchewan	Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
Cretaceous	Cretaceous	Early Cretaceous	Saskatchewan	Saskatchewan	Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
Cretaceous	Cretaceous	Paleocene	Saskatchewan	Saskatchewan	Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
Cretaceous	Cretaceous	Eocene	Saskatchewan	Saskatchewan	Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
Cretaceous	Cretaceous	Oligocene	Saskatchewan	Saskatchewan	Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
Cretaceous	Cretaceous	Miocene	Saskatchewan	Saskatchewan	Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
Cretaceous	Cretaceous	Pliocene	Saskatchewan	Saskatchewan	Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
Cretaceous	Cretaceous	Quaternary	Saskatchewan	Saskatchewan	Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]
					Wapiti	Wapiti	Clay, Silt, Sand	[Symbol]

- Lithology**
- [Symbol] Fill
 - [Symbol] Topsoil
 - [Symbol] Clay or Shale
 - [Symbol] Silt
 - [Symbol] Sand
 - [Symbol] Gravel
 - [Symbol] Oxidized Till
 - [Symbol] Unoxidized Till

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 10m MADE UNLESS ENCOUNTERED IN A BOREHOLE USED ON THE CROSS-SECTION.

REVISIONS	DATE	DESCRIPTION	GEO.	DRN.	CHK.	APP.	RECORD OF CONSTRUCTION	SCALE:	DATE	CLIENT	TITLE
								H 1:200,000 V 1:4000 <td>13-SEP-10 <td>Saskatchewan Watershed Authority <td>CROSS SECTION J-J'</td> </td></td>	13-SEP-10 <td>Saskatchewan Watershed Authority <td>CROSS SECTION J-J'</td> </td>	Saskatchewan Watershed Authority <td>CROSS SECTION J-J'</td>	CROSS SECTION J-J'
								GEOLGY BY: R. NORMAN / A. KARVONEN	25-JAN-11 <td></td> <td>PROJECT No. M1890-1030010 APPENDIX C</td>		PROJECT No. M1890-1030010 APPENDIX C
								CHECKED BY: A. COLE / E. OJAMA	25-OCT-10 <td></td> <td>DRAWING No. M1890-62-10</td>		DRAWING No. M1890-62-10
								APPROVED BY: A. KARVONEN / G. POTTER	25-JAN-11 <td></td> <td>REV.</td>		REV.