## MANITOBA AND THE NORTHWEST.

indicate that the covering of Cretaceous rocks is here thinner than in other parts of the region traversed by the railway line. The purely scientific interest attaching to the section, which a continuation of the boring of the lowest beds of the Cretaceous should yield, has already been adverted to. The section in this well, as ascertained in the manner above described, is as follows:—

Surface. FRET.		Description of Beds.	Thicknes of Bed. FEET.	8
37		Clay loam	30 )	
49	••••••	Wicksand	- 1	
	•••• ••••••	Ulav	7	
59		···· Quicksand	12	
68	••••••			Probably drift
75	· · · · · · · · · · · · · · · · · · ·	Quicksand	9 [	deposits.
83	•••••	Quicksand	7	
88	•••••••••	···· Clays Quicksand	8	
104				
113		Sandstone	16)	
118		Soapstone (grey, fine-grained clay) Lime rock (fine calcareous sandstone)	9	
126		small supply of water]	5	
133		Hard pan (dark shale)	8	
193	a .	Coarse sand	7	
200	General grey and pale tints,	Soapstone (greyish clay)	60	
209	according to Mr. W. A	Lime rock (fine calcareous sandstone)	7	Probably lower part
	Simpson.	Sandstone	1 6	of Belly River
227		Small coal seam	0	series.
232		Soapstone	10	
271		Sandstone	18	
322		White clay	5	
327		Soapstone	39	
,		Lime rock	50 5	
464			°,	
469		Loose shaly soapstone	137	
474		Brownish ferruginous clay	5	
463		Dark lime rock	5	
524		Small coal seam	_	
531	Beds generally shales of dark	Soapstone	50	
537	to black tints.	Gravel small supply of water?	7	
541		sandstone	6	
548		Lime rock	4	
558		Sandstone	7	
593		flard pan (dark shale).	10	
943		Clays	35 1	robably "Lower
,		LOOSE Shalv soupetono (Gma must 1)		Dark Shales" of
951	Generally grey tints. One	Lime rock (fine calcareous sandstone)	350	Report 1882-84
1,041	bed of very black shale	Hard soapstone	8	passing down into
1,001 f	about 30 thick at 1,000	Sand and soapstone, with hands of	90	Benton (?)
.m {	Fragment of a Baculito	nard-pan and supply of gag		
]	frem about here.	Sandstono, with strenks of hard graver	20 50	
151			00	
,151		Gravel and elay	40	
,155	ienerally dark to black tints.	Hard lime. Great flow of gas	5	
1,426		Shales and "lime rock," (probably		
		carcarcous limestone) with lavore		
		or very dark, soft shale in second		
,	l l	DOID to bottom	271	
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Sec. IV., 1886. 13.

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