

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:—

Depth from Surface. FEET.	Description of Beds.	Thickness of Bed. FEET.
37	Clay loam.....	30
49	Quicksand.....	7
59	Clay.....	12
68	Quicksand.....	10
75	Clay and sand.....	9
83	Quicksand.....	7
88	Clays.....	8
	Quicksand.....	5
104	General grey and pale tints, according to Mr. W. A. Simpson.	Probably drift deposits.
113		
118		
126		
133		
193		
200		
209		
227		
232		
271		
322		
327		
	Beds generally shales of dark to black tints.	Probably lower part of Belly River series.
464		
469		
474		
463		
524		
531		
537		
541		
548		
558		
593		
943		
	Generally grey tints. One bed of very black shale about 30 thick at 1,000. Fragment of a Baculito from about here.	Probably "Lower Dark Shales" of Report 1882-84 passing down into Benton (?)
951		
1,041		
1,061		
1,111		
1,151		
1,155		
1,426		
	Generally dark to black tints.	Probably "Lower Dark Shales" of Report 1882-84 passing down into Benton (?)
	TOTAL.....	1,426