

	Page.
Detailed description of route and project, Des Joachims to Georgian Bay—Continued.	
Power houses	186
Logs	187
Summit level	189
Tront lake level	189
Lake Nipissing level	189
Governing conditions at the Summit	190
Water snpply	190
Possible traffic	192
Snpplementary sources of water snpply	193
Curves showing the daily inflow at the Summit dnring 1906 and the daily outflow caused by a 2-4-6-8 and 10 million ton traffic	195
Detailed report, Summit water snpply and requirements	196
Drainage areas	196
Gronnd storage	196
Snrface storage	200
Precipitation	201
Evaporation	204
Inflow and outflow	207
Storage possibilities	208
Minimnm water supply	209
Snpplementary sources of water supply	209
Water requirements for lockage and power	212
Monthly rainfall, temperatnre, evaporation and weather at Bonfield, 1904, 1905 and 1906	215
Monthly rainfall, temperatnre, evaporation and weather at Lake Talon, 1904, 1905 and 1906	216
Monthly rainfall, temperature, evaporation and weather at Britannia Bay, 1904, 1905 and 1906	217
Inflow and outflow of Summit lakes during 1905 and 1906	218
Probable amonnt of evaporation as represented by increase in water surface area at the Summit	239
Storage and regulation of flow	240
Reservoirs	240
Floods	241
Regnlation	241
Storage	242
Hydranlic features	244
Detailed report, regulation and storage possibilities	246
Storage	246
Reservoirs at head-waters of Mississippi and Minnesota rivers	247
Ottawa river watershed	247
Drainage areas	248
Information prior to the commencement of the survey	249
Gauges	249
Metering sections selected	249
Method of metering	250
Absence of extreme high water measnrements	250
Discharge measnrements of the Ottawa river	251
Gangings at the Chaudiere	251
Discharge measnrements of the Ottawa river tribntaries	255
Snmmit waters	259
Lake Nipissing waters	263