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DAFTAR LAMPIRAN

Lampiran 1. Hasil Perhitungan Kalibrasi Thomson Pada Tikungan 40^0

No	h_{bukaan}	t	h_{aliran}			V			h_{rata2}	V_{rata2}	Q	Q_{rata2}	h	V	$n^{2,5}$	Cd
1	3,5	15	5.1	4.8	5.5	0.5	0.5	0.5	5.1	0.5	180.1	213.42	5.5	0.6	72.20	1.25
		30	4.6	6.1	5.7	0.6	0.6	0.6	5.5	0.6	234.8					
		45	5.0	5.5	6.2	0.6	0.5	0.5	5.6	0.6	216.5					
		60	5.8	5.9	6.2	0.5	0.5	0.6	6.0	0.5	222.3					
2	4,0	15	4.1	3.8	4.2	0.6	0.6	0.6	4.0	0.6	176.2	211.57	5.1	0.6	58.02	1.54
		30	4.9	5.1	5.4	0.7	0.6	0.6	5.1	0.6	231.6					
		45	4.7	5.4	5.3	0.5	0.6	0.5	5.1	0.5	191.2					
		60	6.2	6.0	5.8	0.6	0.6	0.6	6.0	0.6	247.3					
3	4,5	15	4.3	4.4	4.1	0.6	0.5	0.6	4.3	0.6	168.8	210.99	5.0	0.6	56.60	1.58
		30	5.6	4.5	5.4	0.6	0.6	0.6	5.2	0.6	222.4					
		45	5.3	5.4	6.1	0.7	0.6	0.6	5.6	0.6	252.6					
		60	5.4	3.6	6.1	0.6	0.6	0.5	5.0	0.6	200.1					
4	5,0	15	3.6	4.4	4.7	0.6	0.5	0.5	4.3	0.6	165.9	193.45	4.8	0.6	51.65	1.59
		30	3.4	3.4	3.9	0.6	0.6	0.5	3.6	0.6	141.9					
		45	5.1	5.2	6.0	0.6	0.6	0.5	5.4	0.6	224.0					
		60	6.6	5.9	5.8	0.6	0.6	0.6	6.1	0.6	242.0					
												Rata-rata	5.121	0.58		1.49

Lampiran 2. Hasil Perhitungan Kalibrasi Thomson Pada Tikungan 60^0

No	h_{bukaan}	t	h_{aliran}			V			h_{rata2}	V_{rata2}	Q	Q_{rata2}	h	V	$h^{2.5}$	Cd
1	3,5	15	7.5	5.8	5.1	0.4	0.5	0.4	6.2	0.5	196.6	205.81	5.8	0.5	82.283	1.059
		30	4.1	4.0	3.7	0.6	0.5	0.4	4.0	0.5	135.4					
		45	8.6	9.5	5.6	0.7	0.5	0.5	7.9	0.6	312.5					
		60	5.1	5.6	5.3	0.5	0.5	0.4	5.3	0.5	178.7					
2	4,0	15	4.4	4.9	4.7	0.4	0.4	0.4	4.6	0.4	124.3	190.43	5.3	0.5	63.908	1.262
		30	6.2	6.2	4.9	0.7	0.6	0.5	5.8	0.6	242.7					
		45	4.7	5.4	5.3	0.5	0.6	0.5	5.1	0.5	191.2					
		60	6.0	5.7	5.0	0.6	0.5	0.4	5.6	0.5	203.5					
3	4,5	15	3.7	3.2	4.0	0.5	0.4	0.4	3.6	0.4	109.5	180.41	4.4	0.6	41.448	1.843
		30	3.9	4.2	4.4	0.7	0.6	0.6	4.2	0.6	181.0					
		45	4.8	5.3	5.2	0.7	0.7	0.6	5.1	0.6	229.6					
		60	4.4	5.9	4.4	0.7	0.6	0.5	4.9	0.6	201.5					
4	5,0	15	3.4	3.4	3.9	0.6	0.6	0.5	3.6	0.6	141.9	217.93	5.0	0.6	55.902	1.651
		30	5.1	5.5	4.7	0.8	0.7	0.6	5.1	0.7	250.4					
		45	5.6	5.8	5.5	0.8	0.6	0.5	5.6	0.6	254.1					
		60	5.4	5.4	6.2	0.6	0.6	0.5	5.7	0.6	225.2					
												Rata-rata	5.14	0.55		1.454

Lampiran 3. Contoh Data Pengukuran Elevasi Dasar Saluran

Model	:	θ =40°		Rc=40	
B	:	TMA	kiri	tengah	kanan
L	:	hulu	3.9	5.2	5.9
t	: 45 menit	tengah	6.8	5.8	3.9
h bukaan	:3,5cm	Hilir	10.2	6.3	2.1

V	kiri	tengah	kanan
hulu	0.6	0.6	0.6
tengah	0.5	0.5	0.6
Hilir	0.6	0.6	0.4

No Pias	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
P1	21.6	21.2	21.1	21.1	21.1	21.0	20.9	21.2	21.3	21.4	21.8	21.9	21.1	22.3	21.3
P2	20.6	20.6	20.7	21.1	20.6	20.9	20.9	21.1	21.1	21.3	21.4	21.6	21.9	21.9	21.9
P3	20.9	20.6	20.8	20.6	21.1	21.3	21.2	21.2	21.2	21.3	21.6	21.9	22.2	22.3	22.3
P4	21.2	21.1	20.9	20.9	21.4	21.6	21.9	21.8	21.6	21.7	21.9	22.3	22.2	22.3	22.0
P5	21.6	21.1	20.9	21.1	21.2	21.3	21.6	21.7	21.6	21.9	22.1	22.0	22.3	22.5	22.3
P6	22.1	21.2	20.9	21.1	21.3	21.5	21.6	21.7	21.9	21.7	21.9	22.3	22.4	22.5	22.1
P7	22.2	21.6	21.1	21.3	21.3	21.1	21.5	21.6	22.1	22.2	22.3	22.1	22.6	21.7	21.9
P8	21.3	21.4	21.2	21.3	21.2	21.2	21.3	21.7	21.8	21.9	22.1	21.9	22.3	22.4	22.3
P9	21.4	21.9	21.3	21.4	21.1	21.3	21.3	21.8	21.9	22.4	22.3	22.3	21.9	21.5	22.4
P10	20.9	21.2	21.4	21.3	21.2	21.4	21.5	21.5	21.6	21.8	22.1	22.4	22.1	21.3	21.2
P11	20.1	20.9	20.3	21.1	21.2	21.1	21.2	21.3	21.6	21.7	21.8	21.2	22.1	23.2	21.2
P12	20.3	20.9	20.8	21.1	21.2	21.2	21.4	21.3	21.4	21.5	21.6	21.5	21.9	22.5	21.5
P13	21.4	21.4	21.1	20.8	21.3	21.3	21.6	21.7	21.8	21.6	21.5	21.4	21.9	22.1	21.4
P14	21.6	21.7	20.8	21.3	21.4	21.4	21.6	21.7	21.8	21.7	21.6	22.2	21.9	21.5	22.2
P15	21.6	22.2	21.3	22.2	21.9	21.6	21.4	21.5	21.6	21.6	21.7	21.3	21.4	21.3	21.4
P16	23.6	22.2	22.3	22.6	22.4	22.5	21.9	21.8	21.4	21.3	21.2	21.1	21.2	20.1	21.2
P17	23.3	23.2	22.8	22.8	22.5	22.4	21.9	21.3	21.2	20.9	20.7	20.1	19.2	19.1	19.2
P18	23.8	23.4	23.2	22.6	22.4	22.2	21.6	21.3	21.4	20.9	20.4	20.5	19.7	19.5	19.7
P19	24.1	23.5	22.9	22.1	21.9	22.1	21.8	21.4	20.9	20.5	20.3	19.7	19.1	18.6	19.1
P20	24.4	24.1	23.4	22.4	21.1	21.8	21.7	21.1	20.5	20.4	20.1	19.7	18.8	18.3	18.8
P21	24.6	24.5	22.7	22.6	21.3	21.1	20.7	20.4	19.7	19.3	18.8	18.2	17.2	17.1	17.2
P22	24.3	25.6	25.7	23.5	21.3	20.9	20.6	20.2	19.5	19.2	18.6	18.4	17.7	17.5	17.7
P23	25.1	26.1	25.2	24.3	22.1	20.7	20.1	19.8	19.3	18.8	18.5	17.9	17.4	16.8	18.8
P24	25.8	25.2	24.4	22.3	20.2	20.1	19.3	19.0	18.8	18.3	18.1	17.5	17.0	16.9	18.3
P25	26.3	25.4	24.2	22.3	20.4	19.6	19.2	19.0	18.5	18.1	17.8	17.5	17.2	17.0	18.1
P26	25.8	25.0	23.8	23.5	20.7	19.7	19.1	18.7	18.4	18.1	17.7	17.4	17.1	17.0	18.1
P27	25.7	24.5	23.4	22.2	20.2	19.3	18.8	18.4	18.0	17.6	17.4	17.1	17.1	17.2	17.6
P28	25.6	24.6	24.0	23.6	22.3	20.7	18.9	18.2	17.8	17.7	17.4	17.3	17.0	17.6	17.7
P29	25.9	23.7	23.4	23.6	22.7	21.5	19.7	18.8	18.5	18.2	17.9	17.8	17.6	18.0	18.2
P30	26.0	24.9	23.4	23.2	23.0	21.5	20.2	18.6	18.2	17.8	17.7	17.6	17.8	18.3	17.8
P31	26.0	24.7	23.6	23.7	23.4	22.4	20.8	19.6	18.5	18.3	17.8	17.7	17.7	18.7	18.3
P32	25.9	24.8	24.0	23.7	22.9	22.3	21.7	19.4	18.8	18.2	18.0	18.0	18.1	18.9	18.2
P33	25.7	24.7	24.2	23.8	23.5	22.7	21.8	19.6	18.5	18.4	19.2	19.0	18.6	18.3	18.4

Model	:	θ = 60°		Rc = 80	
B	:	TMA	kiri	tengah	kanan
L	:	hulu	8.5	7.4	1.5
t	: 60 menit	tengah	7.9	7.6	2.9
h bukaan	: 3,5cm	Hilir	7.2	8.7	5.6

V	kiri	tengah	kanan
hulu	0.8	0.2	0.0
tengah	0.8	0.4	0.1
Hilir	0.7	0.4	0.1

No Pias	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
P1	22.2	21.6	21.4	21.3	21.5	21.2	21.1	20.8	21.2	21.5	22.1	22.4	22.7	22.6	21.2
P2	21.9	21.5	21.4	21.4	21.5	21.2	21.1	20.9	20.9	21.5	22.1	21.9	21.6	21.6	20.9
P3	21.9	21.8	21.3	21.2	21.1	21.1	21.1	21.1	21.5	22.1	22.4	22.2	22.1	22.0	21.5
P4	21.7	22.2	21.6	21.5	21.5	21.7	22.1	21.7	21.8	21.8	22.1	22.1	22.1	22.1	21.8
P5	22.1	22.0	21.8	21.6	21.5	21.5	21.4	21.4	21.7	21.8	22.2	22.3	22.3	22.5	21.7
P6	22.1	22.1	21.6	21.7	21.6	21.7	21.9	21.9	22.0	22.5	22.5	22.6	22.3	22.0	22.0
P7	22.4	22.1	21.5	21.2	21.5	21.6	21.9	21.9	22.0	22.1	22.1	22.1	22.4	22.3	22.0
P8	21.8	21.4	21.7	21.5	21.5	21.9	21.7	21.6	21.9	22.2	22.2	22.1	22.0	21.8	21.9
P9	21.8	21.8	21.9	21.5	21.6	21.4	21.6	22.1	22.1	22.3	22.5	22.4	22.1	22.1	22.1
P10	21.2	21.5	21.5	21.5	21.6	21.7	22.1	22.2	22.2	22.5	22.6	22.6	22.5	22.1	22.2
P11	26.0	25.3	24.6	23.4	25.9	25.2	24.2	21.9	19.7	19.1	18.9	18.7	18.6	18.9	18.9
P12	26.0	25.8	24.6	24.5	26.8	26.4	23.7	20.4	19.6	19.1	19.5	18.9	19.0	19.1	19.5
P13	25.6	25.5	24.2	24.6	26.6	26.4	24.5	22.7	21.0	20.1	19.3	19.1	18.7	20.4	19.3
P14	25.1	25.0	23.9	24.3	25.8	25.4	25.5	22.9	20.5	20.1	19.5	19.5	19.3	20.2	19.5
P15	24.5	23.9	23.9	25.0	25.6	26.3	24.0	21.5	20.1	19.5	18.9	19.9	20.3	20.5	18.9
P16	24.5	24.4	23.4	23.9	25.1	25.4	26.0	25.6	22.1	20.7	19.2	19.4	19.9	20.4	19.9
P17	24.1	24.4	23.6	22.5	24.7	25.3	25.8	25.3	22.9	20.7	20.1	19.5	19.8	20.9	19.8
P18	24.2	24.3	23.5	22.4	24.6	25.4	25.5	25.6	22.9	20.5	20.6	19.3	19.8	20.5	19.8
P19	23.9	24.1	23.6	22.0	23.3	24.2	24.9	25.1	23.6	22.1	20.9	19.6	19.9	21.6	19.9
P20	22.9	23.5	23.4	21.4	21.6	22.6	24.1	24.6	23.6	21.9	20.9	20.1	20.9	20.6	20.9
P21	21.2	22.6	22.8	21.9	20.8	21.8	24.9	24.5	24.0	22.0	21.4	21.3	21.5	22	21.4
P22	20.4	22.0	21.7	21.0	20.5	20.8	22.6	23.2	23.6	23.0	22.9	22.1	22.4	22.9	22.9
P23	23.1	23.1	23.5	23.2	21.6	20.6	20.7	20.6	21.4	21.4	20.7	20.5	20.4	20.2	20.7
P24	23.1	23.9	23.6	23.4	22.8	21.9	20.9	20.9	20.5	20.6	20.6	21.1	21.1	19.6	20.6
P25	24.3	23.3	21.5	20.8	20.3	20.2	20.1	20.3	20.3	20.1	19.8	19.6	19.4	19.7	19.8
P26	24.7	23.1	22.1	20.8	20.4	20.3	20.1	19.9	19.8	19.8	19.4	19.9	19.4	19.4	19.4
P27	24.8	23.3	21.2	20.7	20.5	29.9	19.8	19.8	19.6	19.6	19.3	19.2	19.4	19.4	19.3
P28	24.4	23.1	21.9	21.1	21.1	20.3	19.7	19.6	19.6	19.5	19.4	19.2	19.2	19.6	19.4
P29	24.4	23.9	22.5	21.8	21.3	20.3	19.6	19.6	19.5	19.4	19.2	19.3	19.3	19.1	19.2
P30	19.8	18.9	19.1	19.2	19.1	19.7	19.6	19.8	20.1	21.6	21.6	22.2	23.1	24.1	21.6