

LAMPIRAN

LAMPIRAN A. Akusisi Data

1. Pengukuran kerangka dasar horizontal

Patok	B/LB	Target	Sudut H			Sudut V			SD	HD
AN 1	B	AN 6	277	19	9	88	51	16	37,146	37,139
	LB		97	19	5	271	8	53	37,146	37,139
	B	AN 2	3	8	48	89	16	46	33,559	33,556
	LB		183	8	45	270	43	22	33,559	33,556
	B	AN 6	277	19	8	88	51	13	37,145	37,138
	LB		97	19	3	271	8	53	37,146	37,139
	B	AN 2	3	8	48	89	16	43	35,559	33,556
	LB		183	8	45	270	43	29	33,558	33,555
AN 2	B	AN 1	75	10	35	90	49	47	33,555	33,551
	LB		255	10	36	269	10	2	33,555	33,551
	B	AN 3	236	32	50	89	9	15	26,724	26,721
	LB		56	32	51	270	50	35	26,724	26,721
	B	AN 1	75	10	40	90	49	50	33,555	33,551
	LB		255	10	39	269	10	8	33,555	33,551
	B	AN 3	236	32	56	89	9	13	26,724	26,721
	LB		56	32	56	270	50	31	26,724	26,721
AN 3	B	AN 2	226	55	5	90	48	39	26,723	26,72
	LB		46	54	54	269	11	4	26,723	26,72
	B	AN 4	323	49	28	89	53	38	36,718	36,718
	LB		143	49	20	270	6	9	36,718	36,718
	B	AN 2	226	53	52	90	48	41	26,724	26,721
	LB		46	53	45	269	11	3	26,723	26,723
	B	AN 4	323	48	17	89	53	42	36,718	36,718
	LB		143	48	11	270	6	14	36,718	36,718
AN 4	B	AN 3	297	44	48	89	59	24	36,716	36,716
	LB		117	44	44	270	0	30	36,715	36,715
	B	AN 5	38	2	33	89	53	42	24,87	24,87
	LB		218	2	30	270	6	25	24,87	24,87
	B	AN 3	297	44	48	89	59	20	36,715	36,715
	LB		117	44	42	270	0	27	36,716	36,716
	B	AN 5	38	2	33	89	53	28	24,87	24,87
	LB		218	2	30	270	6	21	24,87	24,87
AN 5	B	AN 4	100	59	19	90	6	0	24,872	24,872
	LB		280	59	20	269	54	32	24,872	24,872
	B	AN 6	266	26	49	90	31	19	24,808	24,807
	LB		86	26	45	269	29	6	24,809	24,808
	B	AN 4	100	59	33	90	5	59	24,872	24,872
	LB		280	59	25	269	54	26	24,872	24,872
	B	AN 6	266	26	58	90	31	27	24,808	24,807
	LB		86	26	54	269	29	1	24,809	24,808

Patok	B/LB	Target	Sudut H			Sudut V			SD	HD
AN 6	B	AN 5	200	24	11	89	32	54	24,81	24,809
	LB		20	24	11	270	27	21	24,809	24,808
	B	AN 1	310	32	17	91	1	52	37,114	37,138
	LB		130	32	12	269	58	22	37,146	37,139
	B	AN 5	200	24	15	89	32	45	24,809	24,808
	LB		20	24	13	270	27	29	24,809	24,808
	B	AN 1	310	32	20	91	1	52	37,145	37,139
	LB		130	32	16	269	58	28	37,144	37,138

2. Pengukuran kerangka dasar vertikal

FORMULIR PENGUKURAN LEVELING PERGI									
NO	SLAG	STAND	TA	TINGGI	JARAK	TINGGI	JARAK	JARAK	JARAK SLAG
				BELAKANG	BELAKANG	MUKA	MUKA	SLAG	RATA-RATA
AN-1									
AN-2	AN1-AN2	1	1.395	1.774	17.2	1.302	16.3	33.5	33.5
				1.688		1.221			
				1.602		1.139			
		2	1.393	1.767	16.5	1.301	17	33.5	
				1.684		1.216			
				1.602		1.131			
AN-3	AN2-AN3	1	1.376	1.638	14	1.3	14	28	28.1
				1.566		1.230			
				1.498		1.16			
		2	1.315	1.631	14.4	1.290	13.8	28.2	
				1.56		1.222			
				1.487		1.152			
AN-4	AN3-AN4	1	1.535	1.846	18.3	1.73	18.3	36.6	36.55
				1.754		1.638			
				1.663		1.547			
		2	1.5	1.821	18.1	1.706	18.4	36.5	
				1.73		1.614			
				1.64		1.522			
AN-5	AN4-AN5	1	1.445	1.532	13.1	1.478	12.4	25.5	25.4
				1.466		1.415			
				1.401		1.354			
		2	1.56	1.645	13.1	1.59	12.2	25.3	
				1.58		1.528			
				1.514		1.468			
AN-6	AN5-AN6	1	1.57	1.558	12	1.798	12.7	24.7	24.75
				1.499		1.735			
				1.438		1.671			
		2	1.6	1.531	12.2	1.768	12.6	24.8	
				1.47		1.704			
				1.409		1.642			
AN-1	AN6-AN1	1	1.51	1.649	20.7	2.385	20.6	41.3	41.3
				1.546		2.282			
				1.442		2.179			
		2	1.54	1.681	20.6	2.415	20.7	41.3	
				1.579		2.313			
				1.475		2.208			

FORMULIR PENGUKURAN LEVELING PULANG									
NO	SLAG	STAND	TA	TINGGI	JARAK	TINGGI	JARAK	JARAK	JARAK SLAG
				BELAKANG	BELAKANG	MUKA	MUKA	SLAG	RATA-RATA
AN-1									
AN-6	AN1-AN6	1	1.485	2.361	20.9	1.624	20.5	41.4	41.55
				2.256		1.521			
				2.152		1.419			
		2	1.535	2.396	20.8	1.660	20.9	41.7	
				2.291		1.555			
				2.188		1.451			
AN-5	AN6-AN5	1	1.5	1.731	12.4	1.498	12.3	24.7	24.75
				1.669		1.436			
				1.607		1.375			
		2	1.52	1.734	12.5	1.499	12.3	24.8	
				1.671		1.438			
				1.609		1.376			
AN-4	AN5-AN4	1	1.525	1.565	12.2	1.62	13.1	25.3	25.35
				1.504		1.555			
				1.443		1.489			
		2	1.5	1.534	12.4	1.588	13	25.4	
				1.472		1.523			
				1.41		1.458			
AN-3	AN4-AN3	1	1.54	1.753	18.3	1.868	18.2	36.5	36.5
				1.662		1.778			
				1.57		1.686			
		2	1.53	1.748	18.3	1.862	18.2	36.5	
				1.657		1.771			
				1.565		1.68			
AN-2	AN3-AN2	1	1.379	1.296	13.8	1.635	14.3	28.1	28.05
				1.228		1.565			
				1.158		1.492			
		2	1.37	1.302	14	1.639	14	28	
				1.231		1.569			
				1.162		1.499			
AN-1	AN2-AN1	1	1.388	1.309	16.6	1.78	17	33.6	33.5
				1.226		1.694			
				1.143		1.61			
		2	1.38	1.304	16.4	1.775	17	33.4	
				1.222		1.69			
				1.14		1.605			

3. Pengukuran detail situasi

#	Point From	Point To	Reflector	Horizontal			Vertikal			Slope	Code	Type
			Height (m)	Derajat	Menit	Detik	Derajat	Menit	Detik	Distance (m)		
1	AN 1	AN 6	0	0	0	0					BM	BKB
2	AN 1	AN 6	1,49	0	0	0	88	49	45	37,133	BM	BS
3	AN 1	761	0	14	51	44	75	13	49	29,696	AT	SS
4	AN 1	762	0	14	52	5	75	44	0	29,635	AT	SS
5	AN 1	763	0	54	44	21	63	22	14	16,241	AT	SS
6	AN 1	764	0	54	41	41	62	37	55	16,324	AT	SS
7	AN 1	765	0	70	55	7	81	58	23	54,173	AT	SS
8	AN 1	766	0	70	55	24	82	13	12	54,173	AT	SS
9	AN 1	767	0	16	51	53	90	45	53	29,3	AL	SS
10	AN 1	768	0	56	3	47	91	27	14	15,65	AL	SS
11	AN 1	769	0	23	5	38	90	49	10	26,827	AL	SS

#	Point From	Point To	Reflector	Horizontal			Vertikal			Slope	Code	Type
			Height (m)	Derajat	Menit	Detik	Derajat	Menit	Detik	Distance (m)		
1	AN 2	AN 1	0	0	0	0					BM	BKB
2	AN 2	AN 1	1,58	0	0	0	90	41	9	33,551	BM	BS
3	AN 2	1	0	19	33	8	73	12	8	23,405	AT	SS
4	AN 2	2	0	19	32	9	72	42	3	23,49	AT	SS
5	AN 2	3	0	142	56	37	72	55	7	24,036	AT	SS
6	AN 2	4	0	142	56	38	73	27	45	23,964	AT	SS
7	AN 2	43	0	137	9	68	72	30	47	22,703	AT	SS
8	AN 2	44	0	25	53	56	72	7	35	22,142	AT	SS
9	AN 2	45	0	25	59	53	83	36	27	21,081	AT	SS
10	AN 2	46	0	137	11	31	83	41	11	21,748	AT	SS

#	Point From	Point To	Reflector	Horizontal			Vertikal			Slope	Code	Type
			Height (m)	Derajat	Menit	Detik	Derajat	Menit	Detik	Distance (m)		
1	AN 3	AN 4	0	0	0	0						BKB
2	AN 3	AN 4	1,49	0	0	0	89	45	44	36,728		BS
3	AN 3	914	0	280	22	35	81	54	23	46,816	AT	SS
4	AN 3	915	0	280	22	35	82	10	25	46,787	AT	SS
5	AN 3	916	0	282	30	47	81	42	42	44,609	AT	SS
6	AN 3	917	0	319	15	40	52	34	5	10,98	AT	SS
7	AN 3	918	0	319	13	26	53	35	32	10,84	AT	SS
8	AN 3	919	0	314	34	38	97	42	3	9,602	AL	SS
9	AN 3	920	0	342	16	19	93	6	3	23,771	AL	SS
10	AN 3	921	0	347	27	54	92	43	44	27,053	AL	SS

#	Point From	Point To	Reflector	Horizontal			Vertikal			Slope	Code	Type
			Height (m)	Derajat	Menit	Detik	Derajat	Menit	Detik	Distance (m)		
1	AN 5	AN 6	0	0	0	0					BM	BKB
2	AN 5	AN 6	1,484	0	0	0	90	33	41	24,807	BM	BS
3	AN 5	87	0	221	7	31	75	14	0	25,582	AT	SS
4	AN 5	88	0	221	7	31	75	42	21	25,505	AT	SS
5	AN 5	89	0	331	47	25	74	39	20	24,831	AT	SS
6	AN 5	90	0	331	47	15	75	15	26	24,76	AT	SS
7	AN 5	91	0	231	22	31	75	59	55	26,102	AT	SS
8	AN 5	92	0	321	25	2	75	31	10	25,352	AT	SS
9	AN 5	93	0	321	27	32	93	13	46	24,603	AL	SS
10	AN 5	94	0	231	22	11	93	7	36	25,326	AL	SS
491	AN 5	572	0	222	43	1	93	20	47	23,783	AL	SS
492	AN 5	573	0	330	4	55	93	27	8	23,11	AL	SS

#	Point From	Point To	Reflector	Horizontal			Vertikal			Slope	Code	Type
			Height (m)	Derajat	Menit	Detik	Derajat	Menit	Detik	Distance (m)		
1	AN 6	AN 1	0	0	0	0					BM	BKB
2	AN 6	AN 1	1,484	0	0	0	91	14	52	37,132	BM	BS
3	AN 6	644	0	270	24	4	81	43	40	46,841	AT	SS
4	AN 6	645	0	270	24	3	81	59	44	46,827	AT	SS
5	AN 6	646	0	321	45	35	60	18	16	13,708	AT	SS
6	AN 6	647	0	321	45	41	61	17	32	13,582	AT	SS
7	AN 6	648	0	337	37	36	77	47	29	31,764	AT	SS
8	AN 6	649	0	337	35	24	78	11	28	31,757	AT	SS
9	AN 6	650	0	275	49	11	91	28	26	45,138	AL	SS
10	AN 6	651	0	319	46	37	94	5	17	16,336	AL	SS
11	AN 6	652	0	332	36	40	92	13	23	30,087	AL	SS
12	AN 6	653	0	317	8	34	95	21	23	12,522	AL	SS
13	AN 6	654	0	270	43	50	91	28	34	45,229	AL	SS
14	AN 6	655	0	335	26	40	92	10	19	31,22	AL	SS

4. Visualisasi akusisi data detail situasi



