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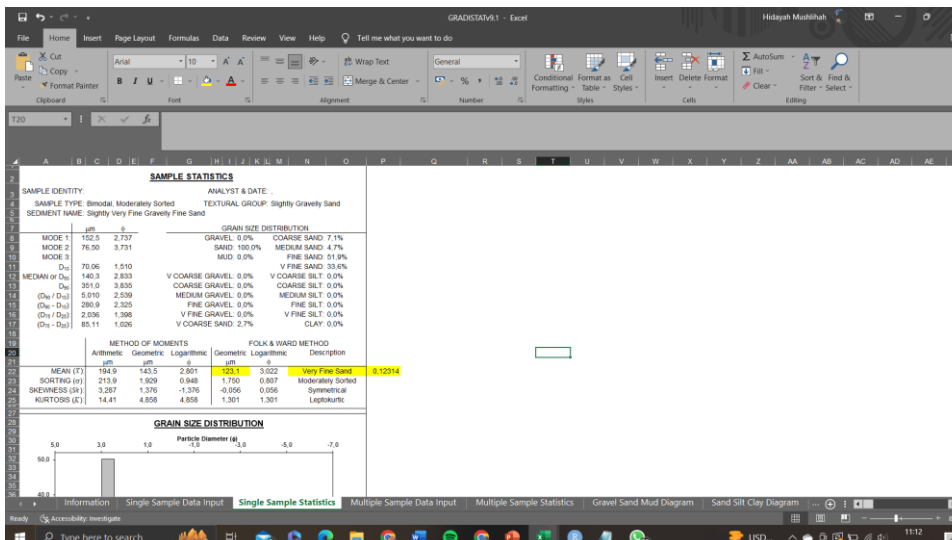
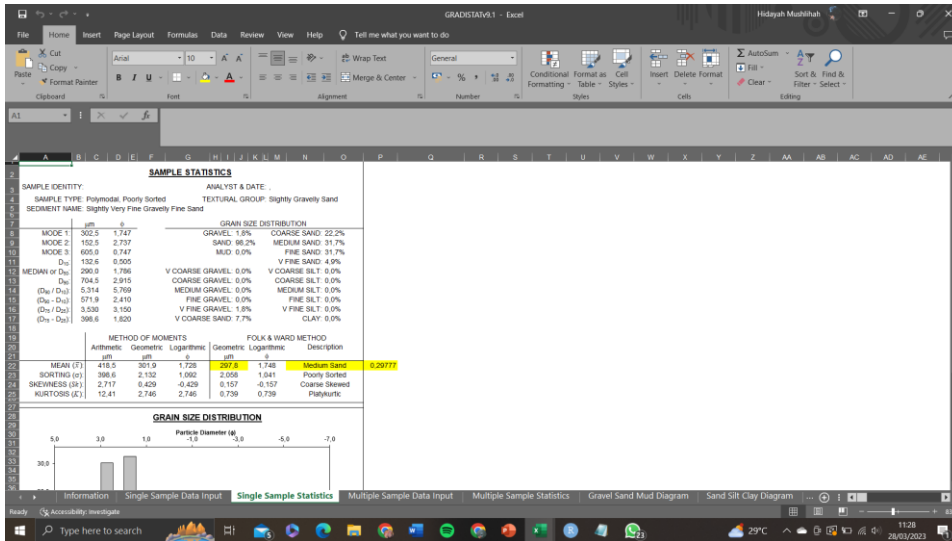
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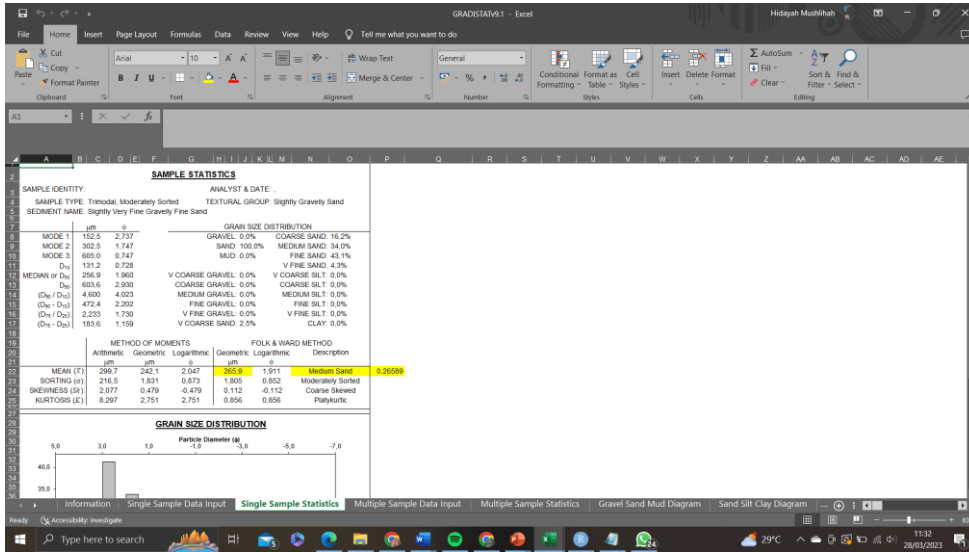
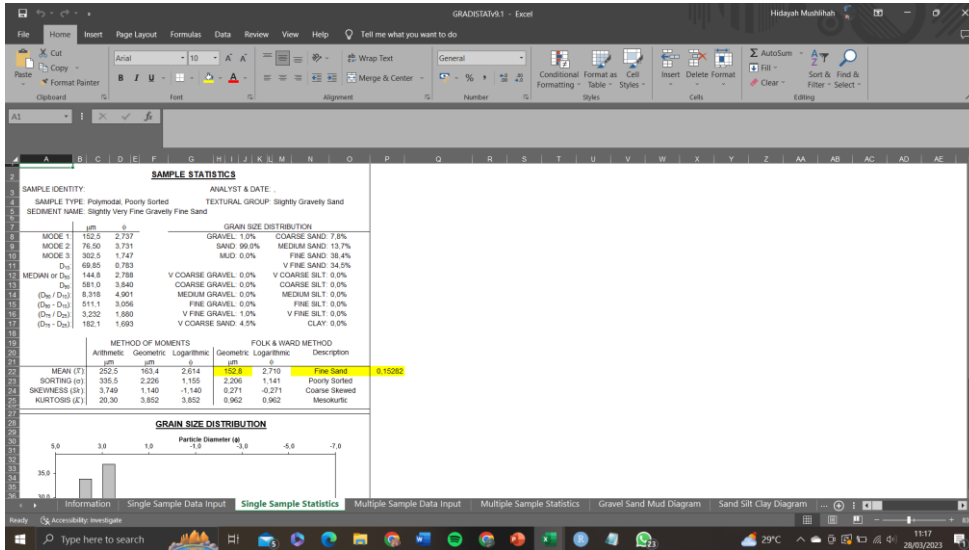
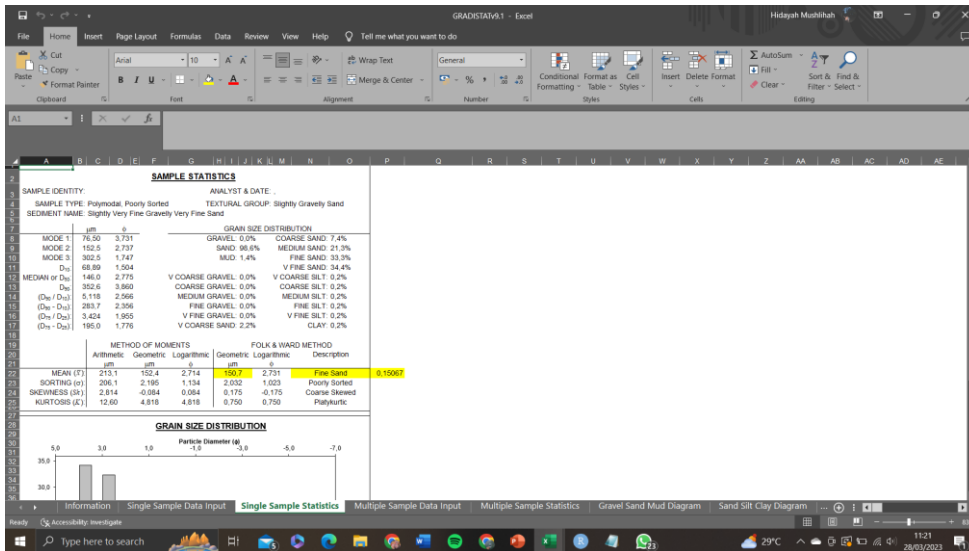
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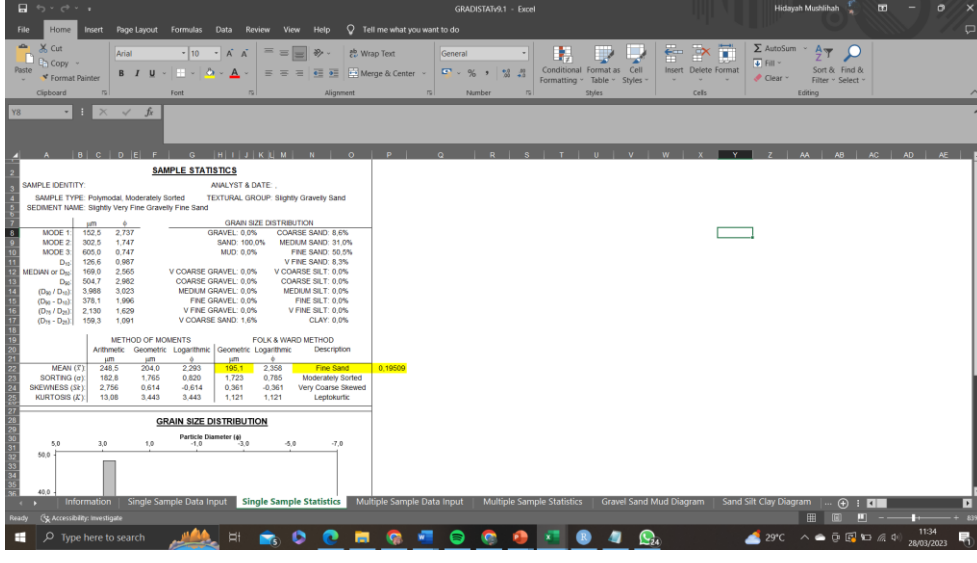
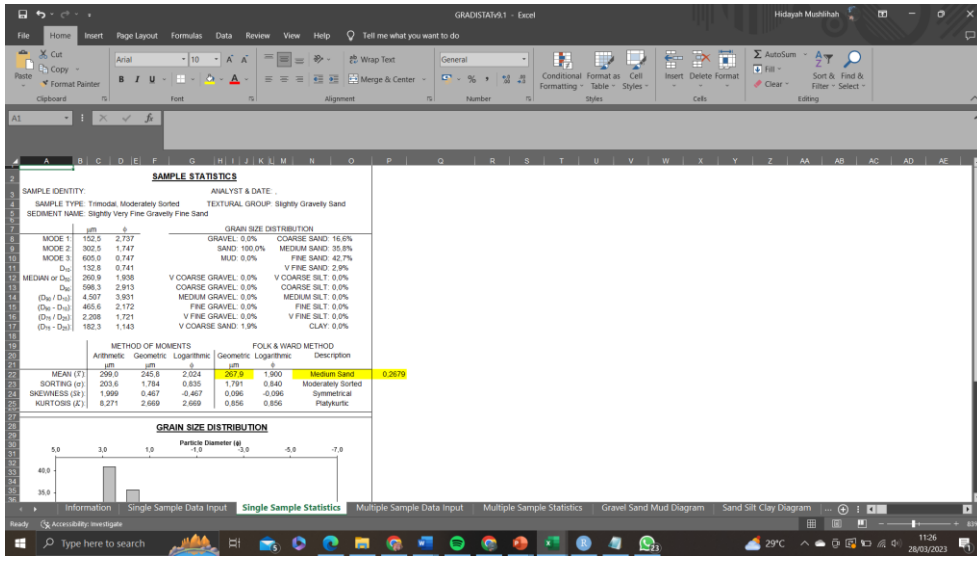
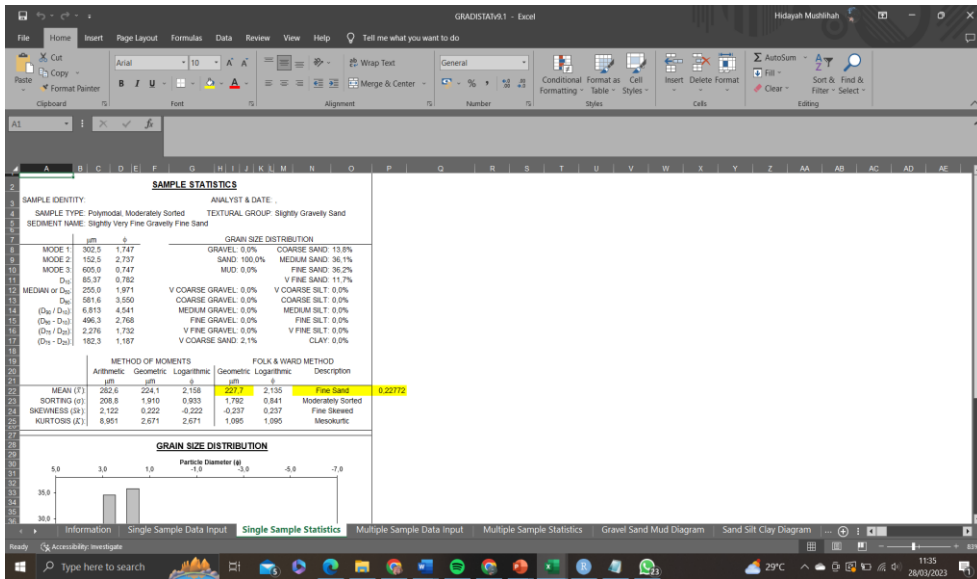
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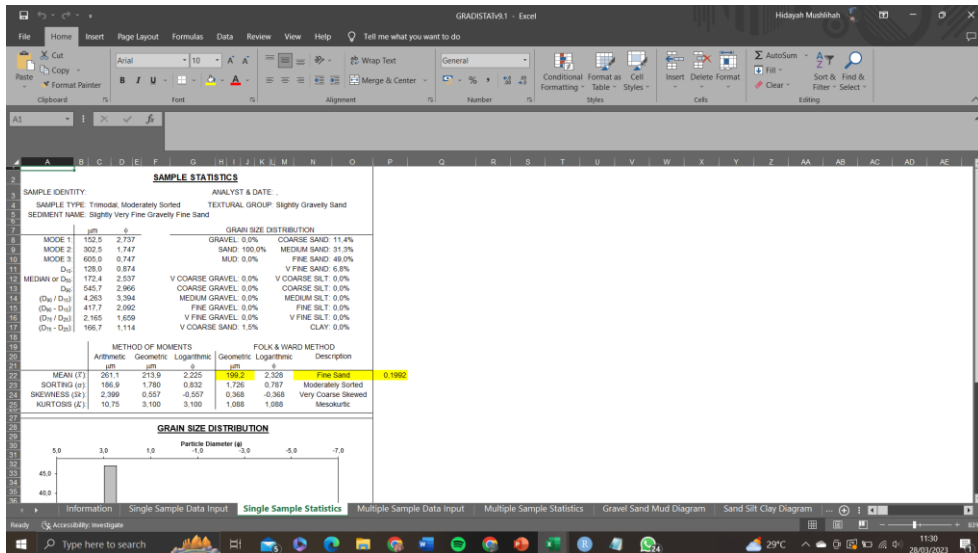
LAMPIRAN

A. Analisis ukuran butir dan jenis sedimen menggunakan gradistat









Lampiran data BOT

Berat Awal	Stasiun	Ulangan			Rata-rata
		1	2	3	
	1	25.694	27.025	23.101	25.273
	2	16.127	17.628	20.424	18.060
	3	28.610	14.491	24.249	22.450

Berat Akhir	Stasiun	Ulangan			Rata-rata
		1	2	3	
	1	32.445	31.449	31.624	31.839
	2	25.463	29.502	30.997	28.654
	3	32.170	31.874	29.405	31.150

%Bahan Organik	Stasiun	Ulangan			Rata-rata
		1	2	3	
	1	21.94	22.51	23.57	22.67
	2	36.88	40.37	41.62	39.63
	3	37.72	36.83	37.03	37.19

Stasiun	Substasiun	Berat cawan kosong (gr)	B.Sampel (gr)	B.ck + B.sp (B.awal) (gr)	Berat Setelah Pijar (B.akhir) (gr)	B.aw - B.ak (Kandungan Bahan Organik) (gr)	Berat BO/B.sampel (gr)	%	LOI	Rata-rata	Kriteria
1	1.1	28.541	5.001	33.542	32.445	1.097	0.21936	100	21.94	22.67	Tinggi
	1.2	27.572	5.003	32.575	31.449	1.126	0.22506	100	22.51		
	1.3	27.8	5.003	32.803	31.624	1.179	0.23566	100	23.57		
2	2.1	22.307	5.000	27.307	25.463	1.844	0.3688	100	36.88	39.63	Sangat Tinggi
	2.2	26.520	5.001	31.521	29.502	2.019	0.40372	100	40.37		
	2.3	28.077	5.002	33.079	30.997	2.082	0.41623	100	41.62		
3	3.1	29.055	5.002	34.057	32.170	1.887	0.37725	100	37.72	37.19	Tinggi
	3.2	28.715	5.001	33.716	31.874	1.842	0.36833	100	36.83		
	3.3	26.255	5.002	31.257	29.405	1.852	0.37025	100	37.03		

Lampiran data ukuran butir

Stasiun	Substasiun	Berat Awal (gr)	Berat Hasil Ayakan							Berat Akhir (gr)	Berat Akhir (%)
			2 mm	1 mm	0,5 mm	0,25 mm	0,125 mm	0,063 mm	<0,063 mm		
1	1.1	100,012	0,982	2,526	6,595	4,377	48,037	31,094	0	93,611	94%
			3,508		10,972		79,131				
			4%		11%		79%				
	1.2	100,014	1,018	4,441	7,706	13,548	37,866	34,074	1,22	99,873	100%
			5,459		21,254		73,160				
			5%		21%		73%				
	1.3	100,012	0,402	2,168	7,331	21,143	33,008	34,108	1,368	99,528	100%
			2,570		28,474		68,484				
			3%		28%		68%				
2	2.1	100,016	0,654	1,762	15,643	33,672	40,122	2,759	0,000	94,612	95%
			2,416		49,315		42,881				
			2%		49%		43%				
	2.2	100,012	1,735	7,276	21,081	30,006	35,056	4,632	0,217	100,003	100%
			9,011		51,087		39,905				
			9%		51%		40%				
	2.3	100,047	0,436	1,443	11,315	31,133	48,707	6,774	0,232	100,040	100%
			1,879		42,448		55,713				
			2%		42%		56%				
3	3.1	100,035	0,217	2,496	16,091	33,793	42,842	4,255	0,132	99,826	100%
			2,713		49,884		47,229				
			3%		50%		47%				
	3.2	100,012	0,144	1,582	8,583	30,812	50,168	8,239	0,397	99,925	100%
			1,726		39,395		58,804				
			2%		39%		59%				

	3.3	100,029	0,552	2,120	13,758	35,883	36,013	11,673	0	99,999	100%
			2,672		49,641		47,686				
			3%		50%		48%				

Stasiun	Plot	Berat Hasil Ayakan (gr)						
		2 mm	1 mm	0,5 mm	0,25 mm	0,125 mm	0,063 mm	<0,063 mm
1	1	4		11		79		
	2	5		21		73		
	3	3		28		68		
	rata-rata	4		20		73		
2	1	2		49		43		
	2	9		51		40		
	3	2		42		56		
	rata-rata	4		47		46		
3	1	3		50		47		
	2	2		39		59		
	3	3		50		48		
	rata-rata	3		46		51		

Lampiran data mangrove

STASIUN (KATEGORI)	JENIS	PLOT	NOMOR	LINGKAR BATANG	r	Basal Area	$\Sigma BA (cm^2)$	$Ci (m^2 m^2)$
1	R. mucronata		1	34	5,414	92,038	1064,650	10,6465
			2	27	4,299	58,041		
			3	29	4,618	66,959		
			4	32	5,096	81,529		
			5	37	5,892	108,997		
			6	21	3,344	35,111		
			7	37	5,892	108,997		
			8	34	5,414	92,038		
			9	33	5,255	86,704		
			10	34	5,414	92,038		
			11	29	4,618	66,959		
			12	26	4,140	53,822		
			13	25	3,981	49,761		
			14	30	4,777	71,656		
	R. mucronata		1	23	3,662	42,118		
			2	29	4,618	66,959		
			3	30	4,777	71,656		
			4	31	4,936	76,513		
			5	28	4,459	62,420		
			6	28	4,459	62,420		
			7	34	5,414	92,038		
			8	37	5,892	108,997		

			9	32	5,096	81,529	1282,643	12,8264
			10	37	5,892	108,997		
			11	32	5,096	81,529		
			12	28	4,459	62,420		
			13	31	4,936	76,513		
			14	28	4,459	62,420		
			15	28	4,459	62,420		
			16	34	5,414	92,038		
			17	30	4,777	71,656		
	R. mucronata		1	28	4,459	62,420	1631,529	16,3153
			2	29	4,618	66,959		
			3	29	4,618	66,959		
			4	33	5,255	86,704		
			5	36	5,732	103,185		
			6	40	6,369	127,389		
			7	37	5,892	108,997		
			8	32	5,096	81,529		
			9	28	4,459	62,420		
			10	31	4,936	76,513		
			11	28	4,459	62,420		
			12	28	4,459	62,420		
			13	21	3,344	35,111		
			14	37	5,892	108,997		
			15	34	5,414	92,038		
			16	28	4,459	62,420		
			17	28	4,459	62,420		
			18	34	5,414	92,038		

			19	30	4,777	71,656		
			20	28	4,459	62,420		
			21	31	4,936	76,513		
2	R. MUCRONATA	1	1	26	4,140	53,822	501,513	5,0151
			2	30	4,777	71,656		
			3	40	6,369	127,389		
			4	28	4,459	62,420		
			5	23	3,662	42,118		
			6	21	3,344	35,111		
			7	37	5,892	108,997		
	A. marina	1	1	43	6,847	147,213	2448,169	24,4817
			2	36	5,732	103,185		
			3	23	3,662	42,118		
			4	60	9,554	286,624		
			5	90	14,331	644,904		
			6	85	13,535	575,239		
			7	75	11,943	447,850		
			8	26	4,140	53,822		
			9	43	6,847	147,213		
	R. MUCRONATA	2	1	20	3,185	31,847	831,529	8,3153
			2	18	2,866	25,796		
			3	40	6,369	127,389		
			4	38	6,051	114,968		
			5	32	5,096	81,529		
6			28	4,459	62,420			
7			27	4,299	58,041			
8			23	3,662	42,118			

		9	25	3,981	49,761		
		10	28	4,459	62,420		
		11	29	4,618	66,959		
		12	28	4,459	62,420		
		13	24	3,822	45,860		
A. marina		1	52	8,280	215,287	765,764	7,6576
		2	43	6,847	147,213		
		3	68	10,828	368,153		
		4	21	3,344	35,111		
R. mucronata	3	1	50	7,962	199,045	1467,277	14,6728
		2	29	4,618	66,959		
		3	28	4,459	62,420		
		4	50	7,962	199,045		
		5	32	5,096	81,529		
		6	25	3,981	49,761		
		7	49	7,803	191,162		
		8	28	4,459	62,420		
		9	29	4,618	66,959		
		10	30	4,777	71,656		
		11	40	6,369	127,389		
		12	33	5,255	86,704		
		13	34	5,414	92,038		
		14	30	4,777	71,656		
		15	22	3,503	38,535		
A.marina		1	61	9,713	296,258	1283,121	12,8312
		2	65	10,350	336,385		
		3	40	6,369	127,389		

			4	49	7,803	191,162			
			5	38	6,051	114,968			
			6	18	2,866	25,796			
			7	49	7,803	191,162			
3	R. MUCRONATA	1	1	19	3,025	28,742	471,736	4,7174	
			2	22	3,503	38,535			
			3	24	3,822	45,860			
			4	22	3,503	38,535			
			5	18	2,866	25,796			
			6	24	3,822	45,860			
			7	26	4,140	53,822			
			8	19	3,025	28,742			
			9	25	3,981	49,761			
			10	21	3,344	35,111			
			11	21	3,344	35,111			
			12	24	3,822	45,860			
	A. Marina			1	80	12,739	509,554	2124,602	21,2460
				2	65	10,350	336,385		
				3	45	7,166	161,226		
				4	28	4,459	62,420		
				5	63	10,032	316,003		
				6	44	7,006	154,140		
				7	24	3,822	45,860		
				8	65	10,350	336,385		
				9	39	6,210	121,099		
				10	32	5,096	81,529		

	R. MUCRONATA	2	1	20	3,185	31,847	428,981	4,2898	
			2	20	3,185	31,847			
			3	20	3,185	31,847			
			4	20	3,185	31,847			
			5	22	3,503	38,535			
			6	22	3,503	38,535			
			7	24	3,822	45,860			
			8	28	4,459	62,420			
			9	28	4,459	62,420			
			10	26	4,140	53,822			
	A. Marina			1	45	7,166	161,226	1945,382	19,4538
				2	67	10,669	357,404		
				3	48	7,643	183,439		
				4	33	5,255	86,704		
				5	28	4,459	62,420		
				6	29	4,618	66,959		
				7	63	10,032	316,003		
				8	82	13,057	535,350		
				9	47	7,484	175,876		
	R MACRONATA			1	20	3,185	31,847	281,131	2,8113
				2	19	3,025	28,742		
				3	20	3,185	31,847		
				4	24	3,822	45,860		
				5	18	2,866	25,796		
				6	25	3,981	49,761		
				7	22	3,503	38,535		
				8	19	3,025	28,742		

A. MARINA	3	1	66	10,510	346,815	3601,194	36,0119
		2	87	13,854	602,627		
		3	56	8,917	249,682		
		4	32	5,096	81,529		
		5	51	8,121	207,086		
		6	49	7,803	191,162		
		7	52	8,280	215,287		
		8	21	3,344	35,111		
		9	93	14,809	688,615		
		10	65	10,350	336,385		
		11	69	10,987	379,061		
		12	58	9,236	267,834		

Jenis	Penutupan Jenis (Ci) cm2/m2			RCi		
	1	2	3	1	2	3
Stasiun 1						
R Mucronata	10.647	12.826	16.315	100%	100%	100%
total	10.647	12.826	16.315	100%	100%	100%
Stasiun 2						
R Mucronata	5.015	8.315	14.673	17%	52%	53%
A marina	24.482	7.658	12.831	83%	48%	47%
total	29.497	15.973	27.504	100%	100%	100%
Stasiun 3						
R Mucronata	4.717	4.290	2.811	18%	18%	7%
A marina	21.246	19.454	36.012	82%	82%	93%
total	25.963	23.744	38.823	100%	100%	100%

Salinitas				
Stasiun		1	2	3
Pengulangan	1	27	27	29
	2	28	27	29
	3	28	27	29
Rata-rata		27,7	27,0	29,0

Kecepatan Arus				
Stasiun		1 (Timur)	2 (BL)	3 (BL)
Pengulangan	1	0,8	0,11	0,16
	2	0,8	0,14	0,14
	3	0,7	0,13	0,17
Rata-rata		0,078	0,093	0,106

Suhu				
Stasiun		1	2	3
Pengulangan	1	33	33	34
	2	33	32	33
	3	33	32	33
Rata-rata		32,3	32,3	33,3

pH				
Stasiun		1	2	3
Pengulangan	1	7,33	7,32	7,33
	2	7,30	7,32	7,32
	3	7,31	7,32	7,32
Rata-rata		7313.00	7,32	7323.00



Pengukurandata kecepatan arus



Pengukuran data suhu



Pengambilan data mangrove



Pengambilan sampel sedimen



Analisis salinitas pada sampel air di laboratorium



Analisis pH sampel air di laboratorium



Proses menumbuk dan menimbang sedimen



Proses pengayakan pada sedimen



Proses tanur sedimen



Proses mengoven sedimen

