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LAMPIRAN

Lampiran 1. Kerapatan mangrove

stasiun	substasiun	plot	jenis mangrove	jumlah tegakan (ni)	total ni	Di (ind/m ²)	Rdi (ind/m ²)	
1	1	1	<i>Rhizophora apiculata</i>	3	30	0.03	10	
			<i>Rhizophora stylosa</i>	6		0.06	20	
			<i>Rhizophora mucronata</i>	21		0.21	70	
			2	<i>Rhizophora mucronata</i>	17	22	0.17	77.27
			<i>Rhizophora stylosa</i>	5	0.05		22.73	
			3	<i>Rhizophora mucronata</i>	14	23	0.14	60.87
			<i>Rhizophora stylosa</i>	9	0.09		39.13	
			4	<i>Rhizophora mucronata</i>	17	20	0.17	85
			<i>Rhizophora stylosa</i>	3	0.03		15	
		5	<i>Rhizophora mucronata</i>	20	20	0.2	100	
		6	<i>Rhizophora mucronata</i>	15	15	0.15	100	
	2	1	<i>Rhizophora mucronata</i>	16	16	0.16	100	
		2	<i>Rhizophora mucronata</i>	14	19	0.14	73.68	
			<i>Rhizophora stylosa</i>	5		0.05	26.32	
		3	<i>Rhizophora mucronata</i>	14	14	0.14	100	
		4	<i>Rhizophora mucronata</i>	17	17	0.17	100	
		5	<i>Rhizophora mucronata</i>	15	15	0.15	100	
	3	6	<i>Rhizophora mucronata</i>	18	18	0.18	100	
		1	<i>Rhizophora mucronata</i>	16	29	0.16	55.17	
			<i>Rhizophora stylosa</i>	15		0.15	51.72	
		2	<i>Rhizophora mucronata</i>	14	17	0.14	82.35	
			<i>Rhizophora stylosa</i>	3		0.03	17.65	
		3	<i>Rhizophora mucronata</i>	15	21	0.15	71.43	
			<i>Rhizophora stylosa</i>	4		0.04	19.05	
		<i>Rhizophora apiculata</i>	2	0.02		9.52		
4		<i>Rhizophora mucronata</i>	17	17	0.17	100		
5		<i>Rhizophora mucronata</i>	13	16	0.13	81.25		
	<i>Rhizophora stylosa</i>	3	0.03		18.75			
6	<i>Rhizophora mucronata</i>	18	18	0.18	100			

2	1	1	<i>Sonneratia alba</i>	5	33	0.05	15.15			
			<i>Rhizopora stylosa</i>	20		0.2	60.61			
			<i>Rhizophora apiculata</i>	8		0.08	24.24			
			2	<i>Sonneratia alba</i>	6	37	0.06	16.22		
				<i>Rhizopora stylosa</i>	17		0.17	45.95		
				<i>Rhizophora apiculata</i>	14		0.14	37.84		
				3	<i>Sonneratia alba</i>	5	29	0.05	17.24	
					<i>Rhizopora stylosa</i>	16		0.16	55.17	
					<i>Rhizophora apiculata</i>	8		0.08	27.59	
					4	<i>Sonneratia alba</i>	6	22	0.06	27.27
						<i>Rhizopora stylosa</i>	11		0.11	50
						<i>Rhizophora apiculata</i>	5		0.05	22.73
					5	<i>Sonneratia alba</i>	3	24	0.03	12.50
						<i>Rhizopora stylosa</i>	13		0.13	54.17
						<i>Rhizophora apiculata</i>	8		0.08	33.33
					6	<i>Sonneratia alba</i>	5	26	0.05	19.23
						<i>Rhizopora stylosa</i>	14		0.14	53.85
						<i>Rhizophora apiculata</i>	7		0.07	26.92
		2	1	<i>Sonneratia alba</i>	4	26	0.04	15.38		
					<i>Rhizopora stylosa</i>		15	0.15	57.69	
					<i>Rhizophora apiculata</i>		7	0.07	26.92	
				2	<i>Avicennia marina</i>	2	15	0.02	13.33	
					<i>Rhizophora apiculata</i>	8		0.08	53.33	
					<i>Sonneratia alba</i>	5		0.05	33.33	
					3	<i>Rhizophora apiculata</i>	6	17	0.06	35.29
						<i>Rhizopora stylosa</i>	11		0.11	64.71
					4	<i>Rhizophora apiculata</i>	5	11	0.05	45.45
						<i>Rhizopora stylosa</i>	6		0.06	54.55
					5	<i>Rhizophora apiculata</i>	7	21	0.07	33.33
						<i>Rhizopora stylosa</i>	14		0.14	66.67
					6	<i>Rhizophora apiculata</i>	7	10	0.07	70
						<i>Rhizopora stylosa</i>	3		0.03	30
			3	1	<i>Rhizopora stylosa</i>	8	20	0.08	40	
					<i>Rhizophora apiculata</i>	12		0.12	60	
				2	<i>Rhizopora stylosa</i>	4	17	0.04	23.53	
					<i>Rhizophora apiculata</i>	7		0.07	41.18	
				<i>Rhizopora mucronata</i>	6	0.06		35.29		
				3	<i>Rhizopora stylosa</i>	9	25	0.09	36	
					<i>Rhizophora apiculata</i>	10		0.1	40	
					<i>Sonneratia alba</i>	6		0.06	24	
				4	<i>Rhizopora stylosa</i>	11	21	0.11	52.38	
					<i>Rhizophora apiculata</i>	7		0.07	33.33	
					<i>Rhizopora mucronata</i>	3		0.03	14.29	
				5	<i>Rhizopora stylosa</i>	5	14	0.05	35.71	
					<i>Rhizophora apiculata</i>	5		0.05	35.71	
					<i>Sonneratia alba</i>	4		0.04	28.57	
				6	<i>Rhizopora stylosa</i>	3	7	0.03	42.86	
				<i>Sonneratia alba</i>	4	0.04		57.14		

Lampiran 2. Tutupan kanopi mangrove

Stasiun	Substasiun	Plot	Kode gambar	Nilai pixel	Total pixel	Persen tutupan %	Rata-rata			
1	1	1	1.1.1.1	4956986	6005760	82.54	79.60			
			1.1.1.2	5108166	6005760	85.05				
			1.1.1.3	4209152	6005760	70.09				
			1.1.1.4	4847431	6005760	80.71				
		2	1.1.2.1	4202149	6005760	69.97	77.21			
			1.1.2.2	5019345	6005760	83.58				
			1.1.2.3	4822117	6005760	80.29				
		3	1.1.2.4	4505727	6005760	75.02	76.40			
			1.1.3.1	4731969	6005760	78.79				
			1.1.3.2	4567501	6005760	76.05				
		4	1.1.3.3	4834393	6005760	80.50	75.58			
			1.1.3.4	4218595	6005760	70.24				
	1.1.4.1		3929443	6005760	65.43					
	5	1.1.4.2	4706635	6005760	78.37	71.31				
		1.1.4.3	4674696	6005760	77.84					
		1.1.4.4	4845716	6005760	80.68					
	6	1.1.5.1	4160626	6005760	69.28	75.00				
		1.1.5.2	4272926	6005760	71.15					
		1.1.5.3	4327066	6005760	72.05					
	1	2	1	1.1.5.4	4369497	6005760	72.76	75.85		
				1.1.6.1	4672271	6005760	77.80			
				1.1.6.2	4598405	6005760	76.57			
				1.1.6.3	4810996	6005760	80.11			
			2	1.1.6.4	3935665	6005760	65.53	70.96		
				1.2.1.1	4074351	6005760	67.84			
				1.2.1.2	4360644	6005760	72.61			
			3	1.2.1.3	4208351	6005760	70.07	71.88		
				1.2.1.4	4403775	6005760	73.33			
				1.2.2.1	4466731	6005760	74.37			
			4	1.2.2.2	4292893	6005760	71.48	77.85		
				1.2.2.3	4140609	6005760	68.94			
		1.2.2.4		4368540	6005760	72.74				
		5	1.2.3.1	3983971	6005760	66.34	81.03			
			1.2.3.2	4990263	6005760	83.09				
			1.2.3.3	4909268	6005760	81.74				
		6	1.2.3.4	4817931	6005760	80.22	72.63			
1.2.4.1			5030546	6005760	83.76					
1.2.4.2			4829943	6005760	80.42					
1		3	1	1.2.4.3	4726040	6005760	78.69	77.55		
				1.2.4.4	4878875	6005760	81.24			
				1.2.5.1	4212568	6005760	70.14			
				1.2.5.2	4150972	6005760	69.12			
			2	1.2.5.3	4473254	6005760	74.48	80.27		
				1.2.5.4	4610848	6005760	76.77			
				1.2.6.1	4266679	6005760	71.04			
			3	1.2.6.2	4932318	6005760	82.13	79.15		
				1.2.6.3	5159986	6005760	85.92			
				1.2.6.4	4271619	6005760	71.13			
			1	4	1	1.3.1.1	4958325	6005760	82.56	80.27
						1.3.1.2	4699460	6005760	78.25	
		1.3.1.3				4528766	6005760	75.41		
		1.3.1.4				5097231	6005760	84.87		
		2			1.3.2.1	4211461	6005760	70.12	71.26	
					1.3.2.2	4844516	6005760	80.66		
					1.3.2.3	5128873	6005760	85.40		
	3	1.3.2.4			4830341	6005760	80.43	74.86		
		1.3.3.1			4183867	6005760	69.66			
		1.3.3.2			4686732	6005760	78.04			
	4	1.3.3.3			3967953	6005760	66.07	74.15		
		1.3.3.4			4280741	6005760	71.28			
		1.3.4.1		4587278	6005760	76.38				
	5	1.3.4.2		4700803	6005760	78.27	73.62			
		1.3.4.3		4203647	6005760	69.99				
		1.3.4.4		4492932	6005760	74.81				
	6	1.3.5.1		4322606	6005760	71.97	71.73			
		1.3.5.2		4028744	6005760	67.08				
		1.3.5.3		4571689	6005760	76.12				
	1	5		1	1.3.5.4	4890828	6005760	81.44	75.55	
					1.3.6.1	4214183	6005760	70.17		
					1.3.6.2	5019098	6005760	83.57		
					1.3.6.3	4307928	6005760	71.73		
				2	1.3.6.4	4144789	6005760	69.01	73.62	

1	1	2.1.1.1	5037972	6005760	83.89	83.87	82.79				
		2.1.1.2	5148740	6005760	85.73						
		2.1.1.3	4959234	6005760	82.57						
	2.1.1.4	5001000	6005760	83.27	84.05						
	2.1.2.1	5302553	6005760	88.29							
	2.1.2.2	5162418	6005760	85.96							
	2	2	2.1.2.3	4539291	6005760	75.58		86.73			
			2.1.2.4	5187649	6005760	86.38					
			2.1.3.1	5276707	6005760	87.86					
	3	3	2.1.3.2	5344913	6005760	89.00		83.07			
			2.1.3.3	5054946	6005760	84.17					
			2.1.3.4	5158301	6005760	85.89					
	4	4	2.1.4.1	5437004	6005760	90.53		77.50			
			2.1.4.2	4988356	6005760	83.06					
			2.1.4.3	4826723	6005760	80.37					
	5	5	2.1.4.4	4704344	6005760	78.33		81.51			
			2.1.5.1	4881066	6005760	81.27					
			2.1.5.2	4654459	6005760	77.50					
	6	6	2.1.5.3	4812131	6005760	80.13		78.68			
			2.1.5.4	4269168	6005760	71.08					
			2.1.6.1	5035839	6005760	83.85					
	6	6	2.1.6.2	5110505	6005760	85.09		79.77			
			2.1.6.3	4359388	6005760	72.59					
			2.1.6.4	5075980	6005760	84.52					
	2	2	2.2.1.1	5012144	6005760	83.46		76.15			
			2.2.1.2	4715311	6005760	78.51					
			2.2.1.3	5114101	6005760	85.15					
			2.2.1.4	4059345	6005760	67.59					
			2	2	2.2.2.1	4437835			6005760	73.89	73.11
					2.2.2.2	4867771			6005760	81.05	
					2.2.2.3	4826255			6005760	80.36	
			3	3	2.2.2.4	5031744			6005760	83.78	68.12
					2.2.3.1	4698673			6005760	78.24	
					2.2.3.2	4976803			6005760	82.87	
			3	3	2.2.3.3	4595117			6005760	76.51	76.74
					2.2.3.4	5068034			6005760	84.39	
2.2.4.1		4521795			6005760	75.29					
4		4	2.2.4.2	4826723	6005760	80.37	80.51				
			2.2.4.3	3790278	6005760	63.11					
			2.2.4.4	4423931	6005760	73.66					
5		5	2.2.5.1	4304410	6005760	71.67	77.33				
			2.2.5.2	3810689	6005760	63.45					
			2.2.5.3	3878080	6005760	64.57					
5		5	2.2.5.4	4371059	6005760	72.78	76.99				
			2.2.6.1	4560551	6005760	75.94					
			2.2.6.2	4031867	6005760	67.13					
6		6	2.2.6.3	4823354	6005760	80.31	82.84				
			2.2.6.4	5019605	6005760	83.58					
			2.3.1.1	4903874	6005760	81.65					
3		1	2.3.1.2	5041113	6005760	83.94	79.86				
			2.3.1.3	4556664	6005760	75.87					
			2.3.1.4	4839222	6005760	80.58					
		2	2	2.3.2.1	5143876	6005760	85.65	80.82			
				2.3.2.2	4495670	6005760	74.86				
				2.3.2.3	4341374	6005760	72.29				
		3	3	2.3.2.4	4595117	6005760	76.51	80.64			
				2.3.3.1	4918299	6005760	81.89				
				2.3.3.2	5034691	6005760	83.83				
		3	3	2.3.3.3	3894566	6005760	64.85	82.84			
				2.3.3.4	4648889	6005760	77.41				
	2.3.4.1			4847443	6005760	80.71					
4	4	2.3.4.2	5019605	6005760	83.58	80.82					
		2.3.4.3	4914970	6005760	81.84						
		2.3.4.4	5118278	6005760	85.22						
5	5	2.3.5.1	4719590	6005760	78.58	80.64					
		2.3.5.2	5145021	6005760	85.67						
		2.3.5.3	4657866	6005760	77.56						
6	6	2.3.5.4	4893108	6005760	81.47	82.38					
		2.3.6.1	5113881	6005760	85.15						
		2.3.6.2	4477575	6005760	74.55						
6	6	2.3.6.3	4947781	6005760	82.38	80.48					
		2.3.6.4	4833548	6005760	80.48						

Lampiran 3. Rata – rata nilai Parameter lingkungan di Pualu Bangkobangkoang

Stasiun	Substasiun	Plot	Suhu	Rata-rata	Salinitas	Rata-rata	pH	Rata-rata	DO	Rata-rata	
1	1	1	31	31	35	34.17	7.28	6.82	4.2	4.45	
		2	31		30		6.38		4.2		
		3	31		35		7.07		4.48		
		4	31		35		6.71		4.54		
		5	31		35		6.65		4.65		
		6	31		35		6.83		4.65		
	2	2	1	31	30.3333	34	32.67	6.86	6.79	4.65	4.64
			2	31		33		6.91		4.65	
			3	30		33		6.77		4.6	
			4	30		32		6.75		4.65	
			5	30		32		6.69		4.61	
			6	30		32		6.73		4.65	
	3	3	1	30	30	33	33	6.84	7.08	4.47	4.47
			2	30		33		6.88		4.46	
			3	30		33		7.06		4.46	
			4	30		33		7.16		4.47	
			5	30		33		7.31		4.5	
			6	30		33		7.24		4.45	
2	1	1	31	31	35	35	6.89	6.92	4.77	4.76	
		2	31		35		6.83		4.77		
		3	31		35		6.77		4.77		
		4	31		35		6.6		4.75		
		5	31		35		7.19		4.77		
		6	31		35		7.21		4.75		
	2	2	1	31	31.5	32	34	6.54	6.79	4.83	4.82
			2	31		32		6.71		4.83	
			3	31		35		6.79		4.82	
			4	32		35		6.84		4.82	
			5	32		35		6.92		4.82	
			6	32		35		6.95		4.82	
	3	3	1	32	32	33	34.5	6.87	6.97	4.8	4.8
			2	32		34		6.85		4.8	
			3	32		35		6.89		4.8	
			4	32		35		7.04		4.8	
			5	32		35		7.05		4.8	
			6	32		35		7.1		4.8	

Lampiran 5. BOT sedimen

stasiun	substasiun	plot	Berat Cawan (gr)	Berat sampel awal (gr)	Berat cawan+sampel	Berat setelah tanur	BOT (%)	rata-rata
1	1	1	26.653	5.016	31.669	31.154	10.267%	11.853%
		2	27.853	5.066	32.919	32.421	9.830%	
		3	25.931	5.008	30.939	30.402	10.723%	
		4	26.228	5.005	31.233	30.668	11.289%	
		5	23.984	5.011	28.995	28.367	12.532%	
		6	28.137	5.014	33.151	32.325	16.474%	
	2	1	25.461	5.02	30.481	29.816	13.247%	10.579%
		2	28.257	5.01	33.267	32.572	13.872%	
		3	28.683	5.024	33.707	33.186	10.370%	
		4	27.483	5.012	32.495	32.014	9.597%	
		5	29.974	5.014	34.988	34.611	7.519%	
		6	28.762	5.028	33.79	33.344	8.870%	
	3	1	28.622	5.054	33.676	33.292	7.598%	7.446%
		2	26.831	5.006	31.837	31.518	6.372%	
		3	28.514	5.018	33.532	33.158	7.453%	
		4	25.061	5.034	30.095	29.663	8.582%	
		5	27.911	5.041	32.952	32.686	5.277%	
		6	23.962	5.013	28.975	28.504	9.396%	
2	1	1	29.468	5.021	34.489	34.025	9.241%	8.113%
		2	29.523	5.018	34.541	34.098	8.828%	
		3	25.931	5.036	30.967	30.614	7.010%	
		4	23.504	5.043	28.547	28.052	9.816%	
		5	27.962	5.029	32.991	32.638	7.019%	
		6	26.384	5.057	31.441	31.099	6.763%	
	2	1	25.746	5.031	30.777	30.353	8.428%	9.512%
		2	28.829	5.016	33.845	33.26	11.663%	
		3	29.388	5.024	34.412	33.758	13.018%	
		4	26.913	5.036	31.949	31.497	8.975%	
		5	25.947	5.051	30.998	30.602	7.840%	
		6	24.282	5.01	29.292	28.934	7.146%	
	3	1	26.248	5.033	31.281	30.946	6.656%	6.755%
		2	24.886	5.062	29.948	29.64	6.085%	
		3	29.217	5.054	34.271	33.868	7.974%	
		4	24.461	5.038	29.499	29.198	5.975%	
		5	27.886	5.065	32.951	32.567	7.581%	
		6	27.147	5.049	32.196	31.88	6.259%	

Lampiran 7. Gambar tutupan kanopi mangrove menggunakan *software imageJ* pada Stasiun 1 (a) dan Stasiun 2 (b)

Lampiran 8. Analisis besar butir sedimen menggunakan *gradistat*

		SAMPLE STATISTICS				
SIEVING ERROR: 0.0%						
SAMPLE IDENTITY: STS 1 SS 1 P1		ANALYST & DATE: , 2/8/2024				
SAMPLE TYPE: Polymodal, Poorly Sorted		TEXTURAL GROUP: Slightly Gravelly Sand				
SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	152.5	2.737	GRAVEL: 3.5%	COARSE SAND: 8.4%		
MODE 2:	76.50	3.731	SAND: 95.3%	MEDIUM SAND: 10.4%		
MODE 3:	302.5	1.747	MUD: 1.2%	FINE SAND: 41.4%		
D_{10} :	70.13	0.530		V FINE SAND: 29.1%		
MEDIAN or D_{50} :	148.6	2.751	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	692.6	3.834	COARSE GRAVEL: 0.0%	COARSE SILT: 0.2%		
(D_{90} / D_{10}) :	9.876	7.235	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.2%		
$(D_{90} - D_{10})$:	622.5	3.304	FINE GRAVEL: 0.0%	FINE SILT: 0.2%		
(D_{75} / D_{25}) :	3.306	1.935	V FINE GRAVEL: 3.5%	V FINE SILT: 0.2%		
$(D_{75} - D_{25})$:	194.3	1.725	V COARSE SAND: 5.9%	CLAY: 0.2%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	323.0	177.5	2.494	182.2	2.456	Fine Sand
SORTING (σ):	483.6	2.644	1.402	2.564	1.358	Poorly Sorted
SKEWNESS (Sk):	3.081	0.667	-0.667	0.382	-0.382	Very Coarse Skewed
KURTOSIS (K):	12.58	4.321	4.321	1.018	1.018	Mesokurtic

		SAMPLE STATISTICS				
SIEVING ERROR: 0.0%						
SAMPLE IDENTITY: STS 1 SS 1 P2		ANALYST & DATE: , 2/8/2024				
SAMPLE TYPE: Polymodal, Poorly Sorted		TEXTURAL GROUP: Slightly Gravelly Sand				
SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	152.5	2.737	GRAVEL: 2.5%	COARSE SAND: 7.9%		
MODE 2:	76.50	3.731	SAND: 94.5%	MEDIUM SAND: 16.3%		
MODE 3:	302.5	1.747	MUD: 3.0%	FINE SAND: 37.9%		
D_{10} :	69.48	0.527		V FINE SAND: 25.4%		
MEDIAN or D_{50} :	153.9	2.700	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.5%		
D_{90} :	694.1	3.847	COARSE GRAVEL: 0.0%	COARSE SILT: 0.5%		
(D_{90} / D_{10}) :	9.991	7.304	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.5%		
$(D_{90} - D_{10})$:	624.6	3.321	FINE GRAVEL: 0.0%	FINE SILT: 0.5%		
(D_{75} / D_{25}) :	3.516	2.049	V FINE GRAVEL: 2.5%	V FINE SILT: 0.5%		
$(D_{75} - D_{25})$:	215.8	1.814	V COARSE SAND: 7.0%	CLAY: 0.5%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	319.2	177.8	2.492	183.6	2.445	Fine Sand
SORTING (σ):	443.5	2.816	1.494	2.548	1.350	Poorly Sorted
SKEWNESS (Sk):	3.073	-0.013	0.013	0.343	-0.343	Very Coarse Skewed
KURTOSIS (K):	13.22	4.546	4.546	0.963	0.963	Mesokurtic

		SAMPLE STATISTICS				
SIEVING ERROR: 0.0%						
SAMPLE IDENTITY: STS 1 SS 1 P3		ANALYST & DATE: , 2/8/2024				
SAMPLE TYPE: Polymodal, Poorly Sorted		TEXTURAL GROUP: Slightly Gravelly Sand				
SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	152.5	2.737	GRAVEL: 2.0%		COARSE SAND: 6.7%	
MODE 2:	76.50	3.731	SAND: 95.6%		MEDIUM SAND: 11.6%	
MODE 3:	302.5	1.747	MUD: 2.4%		FINE SAND: 44.8%	
D ₁₀ :	69.38	0.750	V FINE SAND: 28.0%			
MEDIAN or D ₅₀ :	146.6	2.770	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.4%	
D ₉₀ :	594.5	3.849	COARSE GRAVEL: 0.0%		COARSE SILT: 0.4%	
(D ₉₀ / D ₁₀):	8.568	5.130	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.4%	
(D ₉₀ - D ₁₀):	525.1	3.099	FINE GRAVEL: 0.0%		FINE SILT: 0.4%	
(D ₇₅ / D ₂₅):	2.140	1.443	V FINE GRAVEL: 2.0%		V FINE SILT: 0.4%	
(D ₇₅ - D ₂₅):	95.75	1.097	V COARSE SAND: 4.7%		CLAY: 0.4%	
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	268.9	158.8	2.655	153.1	2.707	Fine Sand
SORTING (σ):	394.1	2.544	1.347	2.226	1.154	Poorly Sorted
SKEWNESS (Sk):	3.723	0.207	-0.207	0.259	-0.259	Coarse Skewed
KURTOSIS (K):	18.36	5.413	5.413	1.535	1.535	Very Leptokurtic

		SAMPLE STATISTICS				
SIEVING ERROR: 0.0%						
SAMPLE IDENTITY: STS 1 SS 1 P4		ANALYST & DATE: , 2/8/2024				
SAMPLE TYPE: Polymodal, Poorly Sorted		TEXTURAL GROUP: Slightly Gravelly Sand				
SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	152.5	2.737	GRAVEL: 2.8%		COARSE SAND: 9.9%	
MODE 2:	76.50	3.731	SAND: 95.1%		MEDIUM SAND: 15.7%	
MODE 3:	302.5	1.747	MUD: 2.1%		FINE SAND: 40.9%	
D ₁₀ :	71.11	0.586	V FINE SAND: 23.2%			
MEDIAN or D ₅₀ :	155.8	2.682	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.4%	
D ₉₀ :	666.4	3.814	COARSE GRAVEL: 0.0%		COARSE SILT: 0.4%	
(D ₉₀ / D ₁₀):	9.372	6.514	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.4%	
(D ₉₀ - D ₁₀):	595.3	3.228	FINE GRAVEL: 0.0%		FINE SILT: 0.4%	
(D ₇₅ / D ₂₅):	3.399	2.029	V FINE GRAVEL: 2.8%		V FINE SILT: 0.4%	
(D ₇₅ - D ₂₅):	214.9	1.765	V COARSE SAND: 5.4%		CLAY: 0.4%	
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	320.2	185.2	2.433	187.1	2.418	Fine Sand
SORTING (σ):	444.7	2.661	1.412	2.524	1.335	Poorly Sorted
SKEWNESS (Sk):	3.234	0.143	-0.143	0.347	-0.347	Very Coarse Skewed
KURTOSIS (K):	14.23	4.686	4.686	0.978	0.978	Mesokurtic

		SAMPLE STATISTICS					
SIEVING ERROR: 0.0%							
SAMPLE IDENTITY: STS 1 SS 1 P5		ANALYST & DATE: , 2/8/2023					
SAMPLE TYPE: Polymodal, Poorly Sorted		TEXTURAL GROUP: Slightly Gravelly Sand					
SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand							
		μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	152.5	2.737	GRAVEL: 2.6%		COARSE SAND: 11.1%		
MODE 2:	76.50	3.731	SAND: 96.1%		MEDIUM SAND: 18.4%		
MODE 3:	302.5	1.747	MUD: 1.2%		FINE SAND: 39.5%		
D ₁₀ :	73.22	0.539			V FINE SAND: 20.8%		
MEDIAN or D ₅₀ :	161.8	2.627	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%			
D ₉₀ :	688.4	3.772	COARSE GRAVEL: 0.0%		COARSE SILT: 0.2%		
(D ₉₀ / D ₁₀):	9.402	7.002	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.2%		
(D ₉₀ - D ₁₀):	615.2	3.233	FINE GRAVEL: 0.0%		FINE SILT: 0.2%		
(D ₇₅ / D ₂₅):	2.518	1.818	V FINE GRAVEL: 2.6%		V FINE SILT: 0.2%		
(D ₇₅ - D ₂₅):	195.0	1.332	V COARSE SAND: 6.4%		CLAY: 0.2%		
		METHOD OF MOMENTS			FOLK & WARD METHOD		
		Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
		μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	339.2	203.3	2.298	195.6	2.354	Fine Sand	
SORTING (σ):	443.7	2.561	1.356	2.530	1.339	Poorly Sorted	
SKEWNESS (Sk):	3.061	0.300	-0.300	0.344	-0.344	Very Coarse Skewed	
KURTOSIS (K):	13.26	4.231	4.231	1.292	1.292	Leptokurtic	

		SAMPLE STATISTICS					
SIEVING ERROR: 0.0%							
SAMPLE IDENTITY: STS 1 SS 1 P6		ANALYST & DATE: , 2/8/2023					
SAMPLE TYPE: Polymodal, Poorly Sorted		TEXTURAL GROUP: Slightly Gravelly Sand					
SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand							
		μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	152.5	2.737	GRAVEL: 3.8%		COARSE SAND: 10.3%		
MODE 2:	76.50	3.731	SAND: 92.5%		MEDIUM SAND: 20.9%		
MODE 3:	302.5	1.747	MUD: 3.7%		FINE SAND: 30.6%		
D ₁₀ :	69.11	-0.023			V FINE SAND: 24.2%		
MEDIAN or D ₅₀ :	162.7	2.620	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%			
D ₉₀ :	1015.7	3.855	COARSE GRAVEL: 0.0%		COARSE SILT: 0.6%		
(D ₉₀ / D ₁₀):	14.70	#####	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.6%		
(D ₉₀ - D ₁₀):	946.6	3.877	FINE GRAVEL: 0.0%		FINE SILT: 0.6%		
(D ₇₅ / D ₂₅):	3.827	2.210	V FINE GRAVEL: 3.8%		V FINE SILT: 0.6%		
(D ₇₅ - D ₂₅):	243.7	1.936	V COARSE SAND: 6.5%		CLAY: 0.6%		
		METHOD OF MOMENTS			FOLK & WARD METHOD		
		Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
		μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	361.6	192.4	2.378	193.0	2.373	Fine Sand	
SORTING (σ):	498.5	3.045	1.606	2.637	1.399	Poorly Sorted	
SKEWNESS (Sk):	2.859	-0.190	0.190	0.317	-0.317	Very Coarse Skewed	
KURTOSIS (K):	11.27	4.223	4.223	0.923	0.923	Mesokurtic	

		SAMPLE STATISTICS				
SIEVING ERROR: 0.0%				ANALYST & DATE: , 2/8/2023		
SAMPLE IDENTITY: STS 1 SS 2 P1				TEXTURAL GROUP: Slightly Gravelly Sand		
SAMPLE TYPE: Polymodal, Poorly Sorted				SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand		
				GRAIN SIZE DISTRIBUTION		
	μm	ϕ				
MODE 1:	152.5	2.737	GRAVEL: 2.3%	COARSE SAND: 9.1%		
MODE 2:	76.50	3.731	SAND: 96.4%	MEDIUM SAND: 12.8%		
MODE 3:	302.5	1.747	MUD: 1.2%	FINE SAND: 38.6%		
D ₁₀ :	70.22	0.527		V FINE SAND: 28.8%		
MEDIAN or D ₅₀ :	150.9	2.728	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D ₉₀ :	693.8	3.832	COARSE GRAVEL: 0.0%	COARSE SILT: 0.2%		
(D ₉₀ / D ₁₀):	9.881	7.266	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.2%		
(D ₉₀ - D ₁₀):	623.6	3.305	FINE GRAVEL: 0.0%	FINE SILT: 0.2%		
(D ₇₅ / D ₂₅):	3.517	2.037	V FINE GRAVEL: 2.3%	V FINE SILT: 0.2%		
(D ₇₅ - D ₂₅):	212.8	1.814	V COARSE SAND: 7.1%	CLAY: 0.2%		
		METHOD OF MOMENTS		FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	315.9	181.2	2.464	184.6	2.438	Fine Sand
SORTING (σ):	437.5	2.612	1.385	2.560	1.356	Poorly Sorted
SKEWNESS (Sk):	3.043	0.506	-0.506	0.369	-0.369	Very Coarse Skewed
KURTOSIS (K):	13.16	4.072	4.072	0.954	0.954	Mesokurtic

		SAMPLE STATISTICS				
SIEVING ERROR: 0.0%				ANALYST & DATE: , 2/8/2023		
SAMPLE IDENTITY: STS 1 SS 2 P2				TEXTURAL GROUP: Slightly Gravelly Sand		
SAMPLE TYPE: Polymodal, Poorly Sorted				SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand		
				GRAIN SIZE DISTRIBUTION		
	μm	ϕ				
MODE 1:	152.5	2.737	GRAVEL: 2.5%	COARSE SAND: 8.7%		
MODE 2:	76.50	3.731	SAND: 95.4%	MEDIUM SAND: 18.6%		
MODE 3:	302.5	1.747	MUD: 2.0%	FINE SAND: 35.0%		
D ₁₀ :	69.77	0.626		V FINE SAND: 27.8%		
MEDIAN or D ₅₀ :	154.1	2.698	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
D ₉₀ :	648.1	3.841	COARSE GRAVEL: 0.0%	COARSE SILT: 0.3%		
(D ₉₀ / D ₁₀):	9.288	6.138	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.3%		
(D ₉₀ - D ₁₀):	578.3	3.215	FINE GRAVEL: 0.0%	FINE SILT: 0.3%		
(D ₇₅ / D ₂₅):	3.575	2.065	V FINE GRAVEL: 2.5%	V FINE SILT: 0.3%		
(D ₇₅ - D ₂₅):	217.7	1.838	V COARSE SAND: 5.2%	CLAY: 0.3%		
		METHOD OF MOMENTS		FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	307.7	178.4	2.486	180.8	2.467	Fine Sand
SORTING (σ):	429.9	2.647	1.404	2.503	1.324	Poorly Sorted
SKEWNESS (Sk):	3.348	0.180	-0.180	0.330	-0.330	Very Coarse Skewed
KURTOSIS (K):	15.23	4.554	4.554	0.934	0.934	Mesokurtic

		SAMPLE STATISTICS				
SIEVING ERROR: 0.0%						
SAMPLE IDENTITY: STS 1 SS 2 P3		ANALYST & DATE: , 2/8/2023				
SAMPLE TYPE: Polymodal, Poorly Sorted		TEXTURAL GROUP: Slightly Gravelly Sand				
SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	152.5	2.737	GRAVEL: 1.5%	COARSE SAND: 7.6%		
MODE 2:	76.50	3.731	SAND: 96.0%	MEDIUM SAND: 14.6%		
MODE 3:	302.5	1.747	MUD: 2.5%	FINE SAND: 46.7%		
D ₁₀ :	71.19	0.700		V FINE SAND: 21.8%		
MEDIAN or D ₅₀ :	152.8	2.710	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
D ₉₀ :	615.4	3.812	COARSE GRAVEL: 0.0%	COARSE SILT: 0.4%		
(D ₉₀ / D ₁₀):	8.644	5.443	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.4%		
(D ₉₀ - D ₁₀):	544.2	3.112	FINE GRAVEL: 0.0%	FINE SILT: 0.4%		
(D ₇₅ / D ₂₅):	2.193	1.609	V FINE GRAVEL: 1.5%	V FINE SILT: 0.4%		
(D ₇₅ - D ₂₅):	149.9	1.133	V COARSE SAND: 5.4%	CLAY: 0.4%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	279.3	171.2	2.546	160.2	2.642	Fine Sand
SORTING (σ):	372.9	2.534	1.342	2.223	1.152	Poorly Sorted
SKEWNESS (Sk):	3.545	-0.044	0.044	0.250	-0.250	Coarse Skewed
KURTOSIS (K):	17.66	5.433	5.433	1.484	1.484	Leptokurtic

		SAMPLE STATISTICS				
SIEVING ERROR: 0.0%						
SAMPLE IDENTITY: STS 1 SS 2 P4		ANALYST & DATE: , 2/8/2024				
SAMPLE TYPE: Polymodal, Poorly Sorted		TEXTURAL GROUP: Slightly Gravelly Sand				
SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	152.5	2.737	GRAVEL: 1.7%	COARSE SAND: 10.6%		
MODE 2:	76.50	3.731	SAND: 97.1%	MEDIUM SAND: 16.7%		
MODE 3:	302.5	1.747	MUD: 1.3%	FINE SAND: 42.7%		
D ₁₀ :	73.15	0.592		V FINE SAND: 20.9%		
MEDIAN or D ₅₀ :	158.6	2.656	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D ₉₀ :	663.4	3.773	COARSE GRAVEL: 0.0%	COARSE SILT: 0.2%		
(D ₉₀ / D ₁₀):	9.068	6.372	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.2%		
(D ₉₀ - D ₁₀):	590.2	3.181	FINE GRAVEL: 0.0%	FINE SILT: 0.2%		
(D ₇₅ / D ₂₅):	2.419	1.754	V FINE GRAVEL: 1.7%	V FINE SILT: 0.2%		
(D ₇₅ - D ₂₅):	181.8	1.274	V COARSE SAND: 6.3%	CLAY: 0.2%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	311.6	193.6	2.369	191.2	2.387	Fine Sand
SORTING (σ):	394.3	2.472	1.306	2.482	1.312	Poorly Sorted
SKEWNESS (Sk):	3.191	0.271	-0.271	0.347	-0.347	Very Coarse Skewed
KURTOSIS (K):	14.97	4.486	4.486	1.327	1.327	Leptokurtic

		<u>SAMPLE STATISTICS</u>				
SIEVING ERROR: 0.0%						
SAMPLE IDENTITY: STS 1 SS 2 P5		ANALYST & DATE: , 2/8/2024				
SAMPLE TYPE: Polymodal, Poorly Sorted		TEXTURAL GROUP: Slightly Gravelly Sand				
SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	152.5	2.737	GRAVEL: 2.1%	COARSE SAND: 9.3%		
MODE 2:	76.50	3.731	SAND: 95.4%	MEDIUM SAND: 15.0%		
MODE 3:	302.5	1.747	MUD: 2.5%	FINE SAND: 39.9%		
D ₁₀ :	69.71	0.658		V FINE SAND: 26.2%		
MEDIAN or D ₅₀ :	151.8	2.720	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
D ₉₀ :	633.8	3.842	COARSE GRAVEL: 0.0%	COARSE SILT: 0.4%		
(D ₉₀ / D ₁₀):	9.091	5.840	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.4%		
(D ₉₀ - D ₁₀):	564.1	3.184	FINE GRAVEL: 0.0%	FINE SILT: 0.4%		
(D ₇₅ / D ₂₅):	3.389	1.985	V FINE GRAVEL: 2.1%	V FINE SILT: 0.4%		
(D ₇₅ - D ₂₅):	204.3	1.761	V COARSE SAND: 4.9%	CLAY: 0.4%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	292.3	171.5	2.543	179.7	2.476	Fine Sand
SORTING (σ):	404.7	2.643	1.402	2.483	1.312	Poorly Sorted
SKEWNESS (Sk):	3.475	0.041	-0.041	0.338	-0.338	Very Coarse Skewed
KURTOSIS (K):	16.62	4.868	4.868	0.963	0.963	Mesokurtic

		<u>SAMPLE STATISTICS</u>				
SIEVING ERROR: 0.0%						
SAMPLE IDENTITY: STS 1 SS 2 P6		ANALYST & DATE: , 2/8/2024				
SAMPLE TYPE: Polymodal, Poorly Sorted		TEXTURAL GROUP: Slightly Gravelly Sand				
SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	152.5	2.737	GRAVEL: 1.3%	COARSE SAND: 8.2%		
MODE 2:	76.50	3.731	SAND: 97.1%	MEDIUM SAND: 17.3%		
MODE 3:	302.5	1.747	MUD: 1.6%	FINE SAND: 40.6%		
D ₁₀ :	70.87	0.690		V FINE SAND: 25.4%		
MEDIAN or D ₅₀ :	153.6	2.702	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
D ₉₀ :	619.9	3.819	COARSE GRAVEL: 0.0%	COARSE SILT: 0.3%		
(D ₉₀ / D ₁₀):	8.748	5.536	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.3%		
(D ₉₀ - D ₁₀):	549.1	3.129	FINE GRAVEL: 0.0%	FINE SILT: 0.3%		
(D ₇₅ / D ₂₅):	3.318	1.970	V FINE GRAVEL: 1.3%	V FINE SILT: 0.3%		
(D ₇₅ - D ₂₅):	202.8	1.730	V COARSE SAND: 5.5%	CLAY: 0.3%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	281.4	175.9	2.507	160.4	2.640	Fine Sand
SORTING (σ):	363.1	2.457	1.297	2.238	1.162	Poorly Sorted
SKEWNESS (Sk):	3.457	0.195	-0.195	0.244	-0.244	Coarse Skewed
KURTOSIS (K):	17.37	4.836	4.836	0.966	0.966	Mesokurtic

		SAMPLE STATISTICS				
SIEVING ERROR: 0.0%						
SAMPLE IDENTITY: STS 1 SS 3 P1		ANALYST & DATE: , 2/8/2024				
SAMPLE TYPE: Polymodal, Poorly Sorted		TEXTURAL GROUP: Slightly Gravelly Sand				
SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	152.5	2.737	GRAVEL: 3.1%		COARSE SAND: 13.2%	
MODE 2:	76.50	3.731	SAND: 95.3%		MEDIUM SAND: 19.4%	
MODE 3:	302.5	1.747	MUD: 1.7%		FINE SAND: 30.0%	
D ₁₀ :	71.11	-0.075			V FINE SAND: 24.5%	
MEDIAN or D ₅₀ :	167.0	2.582	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.3%	
D ₉₀ :	1053.7	3.814	COARSE GRAVEL: 0.0%		COARSE SILT: 0.3%	
(D ₉₀ / D ₁₀):	14.82	-50.523	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.3%	
(D ₉₀ - D ₁₀):	982.6	3.889	FINE GRAVEL: 0.0%		FINE SILT: 0.3%	
(D ₇₅ / D ₂₅):	3.972	2.319	V FINE GRAVEL: 3.1%		V FINE SILT: 0.3%	
(D ₇₅ - D ₂₅):	263.0	1.990	V COARSE SAND: 8.2%		CLAY: 0.3%	
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	375.4	212.9	2.232	200.9	2.315	Fine Sand
SORTING (σ):	477.7	2.808	1.489	2.645	1.403	Poorly Sorted
SKEWNESS (Sk):	2.672	0.090	-0.090	0.321	-0.321	Very Coarse Skewed
KURTOSIS (K):	10.68	3.684	3.684	0.883	0.883	Platykurtic

		SAMPLE STATISTICS				
SIEVING ERROR: 0.0%						
SAMPLE IDENTITY: STS 1 SS 3 P2		ANALYST & DATE: , 2/8/2024				
SAMPLE TYPE: Polymodal, Poorly Sorted		TEXTURAL GROUP: Slightly Gravelly Sand				
SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	152.5	2.737	GRAVEL: 2.5%		COARSE SAND: 10.9%	
MODE 2:	76.50	3.731	SAND: 94.2%		MEDIUM SAND: 15.2%	
MODE 3:	302.5	1.747	MUD: 3.3%		FINE SAND: 38.8%	
D ₁₀ :	70.40	-0.017			V FINE SAND: 21.5%	
MEDIAN or D ₅₀ :	158.3	2.659	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.5%	
D ₉₀ :	1011.9	3.828	COARSE GRAVEL: 0.0%		COARSE SILT: 0.5%	
(D ₉₀ / D ₁₀):	14.37	#####	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.5%	
(D ₉₀ - D ₁₀):	941.5	3.845	FINE GRAVEL: 0.0%		FINE SILT: 0.5%	
(D ₇₅ / D ₂₅):	2.595	1.848	V FINE GRAVEL: 2.5%		V FINE SILT: 0.5%	
(D ₇₅ - D ₂₅):	199.7	1.376	V COARSE SAND: 7.8%		CLAY: 0.5%	
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	341.8	190.3	2.393	193.7	2.368	Fine Sand
SORTING (σ):	450.8	2.899	1.536	2.601	1.379	Poorly Sorted
SKEWNESS (Sk):	2.855	-0.162	0.162	0.348	-0.348	Very Coarse Skewed
KURTOSIS (K):	11.95	4.389	4.389	1.274	1.274	Leptokurtic

		<u>SAMPLE STATISTICS</u>				
SIEVING ERROR: 0.0%		ANALYST & DATE: , 2/8/2024				
SAMPLE IDENTITY: STS 1 SS 3 P3		TEXTURAL GROUP: Slightly Gravelly Sand				
SAMPLE TYPE: Polymodal, Poorly Sorted		SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand				
		GRAIN SIZE DISTRIBUTION				
	μm	ϕ				
MODE 1:	152.5	2.737	GRAVEL: 4.3%			COARSE SAND: 13.1%
MODE 2:	302.5	1.747	SAND: 93.9%			MEDIUM SAND: 22.4%
MODE 3:	76.50	3.731	MUD: 1.8%			FINE SAND: 34.6%
D ₁₀ :	74.87	-0.077				V FINE SAND: 17.0%
MEDIAN or D ₅₀ :	173.7	2.525	V COARSE GRAVEL: 0.0%			V COARSE SILT: 0.3%
D ₉₀ :	1055.0	3.740	COARSE GRAVEL: 0.0%			COARSE SILT: 0.3%
(D ₉₀ / D ₁₀):	14.09	-48.383	MEDIUM GRAVEL: 0.0%			MEDIUM SILT: 0.3%
(D ₉₀ - D ₁₀):	980.2	3.817	FINE GRAVEL: 0.0%			FINE SILT: 0.3%
(D ₇₅ / D ₂₅):	2.625	1.920	V FINE GRAVEL: 4.3%			V FINE SILT: 0.3%
(D ₇₅ - D ₂₅):	216.9	1.392	V COARSE SAND: 6.8%			CLAY: 0.3%
		METHOD OF MOMENTS			FOLK & WARD METHOD	
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	398.1	229.0	2.126	209.4	2.256	Fine Sand
SORTING (σ):	514.5	2.758	1.464	2.592	1.374	Poorly Sorted
SKEWNESS (Sk):	2.716	0.015	-0.015	0.325	-0.325	Very Coarse Skewed
KURTOSIS (K):	10.33	4.235	4.235	1.274	1.274	Leptokurtic

		<u>SAMPLE STATISTICS</u>				
SIEVING ERROR: 0.0%		ANALYST & DATE: , 2/8/2024				
SAMPLE IDENTITY: STS 1 SS 3 P4		TEXTURAL GROUP: Slightly Gravelly Sand				
SAMPLE TYPE: Polymodal, Poorly Sorted		SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand				
		GRAIN SIZE DISTRIBUTION				
	μm	ϕ				
MODE 1:	152.5	2.737	GRAVEL: 2.2%			COARSE SAND: 9.1%
MODE 2:	76.50	3.731	SAND: 95.4%			MEDIUM SAND: 18.0%
MODE 3:	302.5	1.747	MUD: 2.5%			FINE SAND: 41.4%
D ₁₀ :	71.33	0.639				V FINE SAND: 21.6%
MEDIAN or D ₅₀ :	157.0	2.671	V COARSE GRAVEL: 0.0%			V COARSE SILT: 0.4%
D ₉₀ :	642.3	3.809	COARSE GRAVEL: 0.0%			COARSE SILT: 0.4%
(D ₉₀ / D ₁₀):	9.005	5.965	MEDIUM GRAVEL: 0.0%			MEDIUM SILT: 0.4%
(D ₉₀ - D ₁₀):	571.0	3.171	FINE GRAVEL: 0.0%			FINE SILT: 0.4%
(D ₇₅ / D ₂₅):	2.387	1.724	V FINE GRAVEL: 2.2%			V FINE SILT: 0.4%
(D ₇₅ - D ₂₅):	174.7	1.255	V COARSE SAND: 5.3%			CLAY: 0.4%
		METHOD OF MOMENTS			FOLK & WARD METHOD	
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	304.7	182.2	2.456	184.7	2.437	Fine Sand
SORTING (σ):	409.5	2.617	1.388	2.466	1.302	Poorly Sorted
SKEWNESS (Sk):	3.409	-0.048	0.048	0.327	-0.327	Very Coarse Skewed
KURTOSIS (K):	16.05	5.040	5.040	1.356	1.356	Leptokurtic

		SAMPLE STATISTICS					
SIEVING ERROR: 0.0%							
SAMPLE IDENTITY: STS 1 SS 3 P5		ANALYST & DATE: , 2/8/2024					
SAMPLE TYPE: Polymodal, Poorly Sorted		TEXTURAL GROUP: Gravelly Sand					
SEDIMENT NAME: Very Fine Gravelly Medium Sand							
		μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	302.5	1.747	GRAVEL: 5.4%		COARSE SAND: 11.3%		
MODE 2:	152.5	2.737	SAND: 93.3%		MEDIUM SAND: 30.1%		
MODE 3:	76.50	3.731	MUD: 1.3%		FINE SAND: 27.6%		
D_{10} :	74.79	-0.130	V FINE SAND: 18.1%				
MEDIAN or D_{50} :	259.0	1.949	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.2%		
D_{90} :	1094.1	3.741	COARSE GRAVEL: 0.0%		COARSE SILT: 0.2%		
(D_{90} / D_{10}) :	14.63	-28.822	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.2%		
$(D_{90} - D_{10})$:	1019.4	3.871	FINE GRAVEL: 0.0%		FINE SILT: 0.2%		
(D_{75} / D_{25}) :	2.575	1.893	V FINE GRAVEL: 5.4%		V FINE SILT: 0.2%		
$(D_{75} - D_{25})$:	212.0	1.364	V COARSE SAND: 6.3%		CLAY: 0.2%		
		METHOD OF MOMENTS			FOLK & WARD METHOD		
		Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
		μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	420.4	241.7	2.049	238.3	2.069	Fine Sand	
SORTING (σ):	548.3	2.728	1.448	2.762	1.466	Poorly Sorted	
SKEWNESS (Sk):	2.637	0.129	-0.129	0.044	-0.044	Symmetrical	
KURTOSIS (K):	9.465	4.042	4.042	1.477	1.477	Leptokurtic	

		SAMPLE STATISTICS					
SIEVING ERROR: 0.0%							
SAMPLE IDENTITY: STS 1 SS 3 P6		ANALYST & DATE: , 2/8/2024					
SAMPLE TYPE: Polymodal, Poorly Sorted		TEXTURAL GROUP: Slightly Gravelly Sand					
SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand							
		μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	302.5	1.747	GRAVEL: 3.8%		COARSE SAND: 15.3%		
MODE 2:	152.5	2.737	SAND: 94.0%		MEDIUM SAND: 30.9%		
MODE 3:	605.0	0.747	MUD: 2.2%		FINE SAND: 24.4%		
D_{10} :	75.50	-0.110	V FINE SAND: 15.4%				
MEDIAN or D_{50} :	273.8	1.869	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.4%		
D_{90} :	1079.5	3.727	COARSE GRAVEL: 0.0%		COARSE SILT: 0.4%		
(D_{90} / D_{10}) :	14.30	-33.762	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.4%		
$(D_{90} - D_{10})$:	1004.0	3.838	FINE GRAVEL: 0.0%		FINE SILT: 0.4%		
(D_{75} / D_{25}) :	3.756	3.052	V FINE GRAVEL: 3.8%		V FINE SILT: 0.4%		
$(D_{75} - D_{25})$:	385.0	1.909	V COARSE SAND: 8.0%		CLAY: 0.4%		
		METHOD OF MOMENTS			FOLK & WARD METHOD		
		Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
		μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	423.6	253.0	1.983	248.4	2.009	Fine Sand	
SORTING (σ):	497.4	2.801	1.486	2.596	1.376	Poorly Sorted	
SKEWNESS (Sk):	2.612	-0.380	0.380	-0.043	0.043	Symmetrical	
KURTOSIS (K):	10.11	4.497	4.497	0.925	0.925	Mesokurtic	

SIEVING ERROR: 0.0%			SAMPLE STATISTICS			
SAMPLE IDENTITY: STS 2 SS 1 P1			ANALYST & DATE: , 2/8/2024			
SAMPLE TYPE: Polymodal, Poorly Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Very Fine Gravelly Coarse Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	605.0	0.747	GRAVEL: 6.3%	COARSE SAND: 37.6%		
MODE 2:	302.5	1.747	SAND: 92.6%	MEDIUM SAND: 24.5%		
MODE 3:	152.5	2.737	MUD: 1.2%	FINE SAND: 16.0%		
D ₁₀ :	131.6	-0.254		V FINE SAND: 6.6%		
MEDIAN or D ₅₀ :	507.9	0.977	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D ₉₀ :	1192.3	2.926	COARSE GRAVEL: 0.0%	COARSE SILT: 0.2%		
(D ₉₀ / D ₁₀):	9.063	-11.533	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.2%		
(D ₉₀ - D ₁₀):	1060.7	3.180	FINE GRAVEL: 0.0%	FINE SILT: 0.2%		
(D ₇₅ / D ₂₅):	2.521	3.082	V FINE GRAVEL: 6.3%	V FINE SILT: 0.2%		
(D ₇₅ - D ₂₅):	386.9	1.334	V COARSE SAND: 7.8%	CLAY: 0.2%		
	METHOD OF MOMENTS		FOLK & WARD METHOD			
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	575.8	384.6	1.378	376.6	1.409	Medium Sand
SORTING (σ):	553.4	2.564	1.358	2.424	1.278	Poorly Sorted
SKEWNESS (Sk):	2.196	-0.703	0.703	-0.359	0.359	Very Fine Skewed
KURTOSIS (K):	7.650	5.176	5.176	1.470	1.470	Leptokurtic

SIEVING ERROR: 0.0%			SAMPLE STATISTICS			
SAMPLE IDENTITY: STS 2 SS 1 P2			ANALYST & DATE: , 2/8/2024			
SAMPLE TYPE: Polymodal, Poorly Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Very Fine Gravelly Medium Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	302.5	1.747	GRAVEL: 6.6%	COARSE SAND: 11.9%		
MODE 2:	152.5	2.737	SAND: 92.5%	MEDIUM SAND: 48.4%		
MODE 3:	605.0	0.747	MUD: 0.9%	FINE SAND: 19.3%		
D ₁₀ :	135.7	-0.281		V FINE SAND: 4.7%		
MEDIAN or D ₅₀ :	299.7	1.738	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D ₉₀ :	1214.9	2.881	COARSE GRAVEL: 0.0%	COARSE SILT: 0.2%		
(D ₉₀ / D ₁₀):	8.953	-10.258	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.2%		
(D ₉₀ - D ₁₀):	1079.2	3.162	FINE GRAVEL: 0.0%	FINE SILT: 0.2%		
(D ₇₅ / D ₂₅):	2.100	2.151	V FINE GRAVEL: 6.6%	V FINE SILT: 0.2%		
(D ₇₅ - D ₂₅):	275.0	1.070	V COARSE SAND: 8.2%	CLAY: 0.2%		
	METHOD OF MOMENTS		FOLK & WARD METHOD			
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	507.3	329.2	1.603	314.6	1.668	Medium Sand
SORTING (σ):	575.1	2.429	1.280	2.376	1.249	Poorly Sorted
SKEWNESS (Sk):	2.389	-0.045	0.045	0.161	-0.161	Coarse Skewed
KURTOSIS (K):	7.921	5.378	5.378	1.784	1.784	Very Leptokurtic

		SAMPLE STATISTICS			
SIEVING ERROR: 0.0%				ANALYST & DATE: , 2/8/2024	
SAMPLE IDENTITY: STS 2 SS 1 P3				TEXTURAL GROUP: Gravelly Sand	
SAMPLE TYPE: Polymodal, Poorly Sorted				SEDIMENT NAME: Very Fine Gravelly Coarse Sand	
				GRAIN SIZE DISTRIBUTION	
	μm	ϕ			
MODE 1:	605.0	0.747	GRAVEL: 10.5%	COARSE SAND: 39.3%	
MODE 2:	1200.0	-0.243	SAND: 88.9%	MEDIUM SAND: 8.6%	
MODE 3:	2400.0	-1.243	MUD: 0.6%	FINE SAND: 6.6%	
D ₁₀ :	173.1	-1.023		V FINE SAND: 3.5%	
MEDIAN or D ₅₀ :	657.6	0.605	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%	
D ₉₀ :	2031.9	2.530	COARSE GRAVEL: 0.0%	COARSE SILT: 0.1%	
(D ₉₀ / D ₁₀):	11.74	-2.474	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.1%	
(D ₉₀ - D ₁₀):	1858.7	3.553	FINE GRAVEL: 0.0%	FINE SILT: 0.1%	
(D ₇₅ / D ₂₅):	2.273	-3.597	V FINE GRAVEL: 10.5%	V FINE SILT: 0.1%	
(D ₇₅ - D ₂₅):	669.5	1.184	V COARSE SAND: 30.9%	CLAY: 0.1%	
		METHOD OF MOMENTS		FOLK & WARD METHOD	
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic
	μm	μm	ϕ	μm	ϕ
MEAN (\bar{x}):	899.4	663.2	0.593	645.5	0.632
SORTING (σ):	627.7	2.400	1.263	2.228	1.156
SKEWNESS (S_k):	1.147	-1.325	1.325	-0.075	0.075
KURTOSIS (K):	3.791	6.584	6.584	1.447	1.447
					Description
					Coarse Sand
					Poorly Sorted
					Symmetrical
					Leptokurtic

		SAMPLE STATISTICS			
SIEVING ERROR: 0.0%				ANALYST & DATE: , 2/8/2024	
SAMPLE IDENTITY: STS 2 SS 1 P4				TEXTURAL GROUP: Gravelly Sand	
SAMPLE TYPE: Polymodal, Poorly Sorted				SEDIMENT NAME: Very Fine Gravelly Coarse Sand	
				GRAIN SIZE DISTRIBUTION	
	μm	ϕ			
MODE 1:	605.0	0.747	GRAVEL: 7.6%	COARSE SAND: 46.6%	
MODE 2:	1200.0	-0.243	SAND: 91.4%	MEDIUM SAND: 9.2%	
MODE 3:	302.5	1.747	MUD: 1.0%	FINE SAND: 6.2%	
D ₁₀ :	169.5	-0.440		V FINE SAND: 3.8%	
MEDIAN or D ₅₀ :	625.6	0.677	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%	
D ₉₀ :	1356.8	2.561	COARSE GRAVEL: 0.0%	COARSE SILT: 0.2%	
(D ₉₀ / D ₁₀):	8.006	-5.817	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.2%	
(D ₉₀ - D ₁₀):	1187.4	3.001	FINE GRAVEL: 0.0%	FINE SILT: 0.2%	
(D ₇₅ / D ₂₅):	2.149	-6.099	V FINE GRAVEL: 7.6%	V FINE SILT: 0.2%	
(D ₇₅ - D ₂₅):	595.5	1.104	V COARSE SAND: 25.6%	CLAY: 0.2%	
		METHOD OF MOMENTS		FOLK & WARD METHOD	
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic
	μm	μm	ϕ	μm	ϕ
MEAN (\bar{x}):	812.0	600.8	0.735	618.8	0.692
SORTING (σ):	573.0	2.420	1.275	2.208	1.142
SKEWNESS (S_k):	1.414	-1.582	1.582	-0.067	0.067
KURTOSIS (K):	4.863	8.003	8.003	1.542	1.542
					Description
					Coarse Sand
					Poorly Sorted
					Symmetrical
					Very Leptokurtic

SIEVING ERROR: 0.0%			<u>SAMPLE STATISTICS</u>			
SAMPLE IDENTITY: STS 2 SS 1 P5			ANALYST & DATE: , 2/8/2024			
SAMPLE TYPE: Polymodal, Poorly Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Very Fine Gravelly Coarse Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
	MODE 1:	605.0	0.747	GRAVEL: 9.4%	COARSE SAND: 39.4%	
MODE 2:	1200.0	-0.243	SAND: 89.3%	MEDIUM SAND: 12.8%		
MODE 3:	302.5	1.747	MUD: 1.3%	FINE SAND: 7.2%		
D ₁₀ :	163.0	-0.474		V FINE SAND: 3.5%		
MEDIAN or D ₅₀ :	626.0	0.676	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D ₉₀ :	1388.8	2.617	COARSE GRAVEL: 0.0%	COARSE SILT: 0.2%		
(D ₉₀ / D ₁₀):	8.522	-5.524	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.2%		
(D ₉₀ - D ₁₀):	1225.8	3.091	FINE GRAVEL: 0.0%	FINE SILT: 0.2%		
(D ₇₅ / D ₂₅):	2.291	-5.012	V FINE GRAVEL: 9.4%	V FINE SILT: 0.2%		
(D ₇₅ - D ₂₅):	646.7	1.196	V COARSE SAND: 26.5%	CLAY: 0.2%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	833.7	592.3	0.756	608.2	0.717	Coarse Sand
SORTING (σ):	619.4	2.580	1.367	2.280	1.189	Poorly Sorted
SKEWNESS (S_k):	1.281	-1.493	1.493	-0.077	0.077	Symmetrical
KURTOSIS (K):	4.158	7.400	7.400	1.443	1.443	Leptokurtic

SIEVING ERROR: 0.0%			<u>SAMPLE STATISTICS</u>			
SAMPLE IDENTITY: STS 2 SS 1 P6			ANALYST & DATE: , 2/8/2024			
SAMPLE TYPE: Polymodal, Poorly Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Very Fine Gravelly Coarse Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
	MODE 1:	605.0	0.747	GRAVEL: 8.3%	COARSE SAND: 38.1%	
MODE 2:	1200.0	-0.243	SAND: 90.8%	MEDIUM SAND: 11.8%		
MODE 3:	302.5	1.747	MUD: 0.9%	FINE SAND: 4.8%		
D ₁₀ :	176.7	-0.459		V FINE SAND: 4.5%		
MEDIAN or D ₅₀ :	646.6	0.629	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D ₉₀ :	1374.5	2.501	COARSE GRAVEL: 0.0%	COARSE SILT: 0.2%		
(D ₉₀ / D ₁₀):	7.781	-5.449	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.2%		
(D ₉₀ - D ₁₀):	1197.9	2.960	FINE GRAVEL: 0.0%	FINE SILT: 0.2%		
(D ₇₅ / D ₂₅):	2.280	-4.212	V FINE GRAVEL: 8.3%	V FINE SILT: 0.2%		
(D ₇₅ - D ₂₅):	657.5	1.189	V COARSE SAND: 31.5%	CLAY: 0.2%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	854.7	626.2	0.675	627.7	0.672	Coarse Sand
SORTING (σ):	593.6	2.466	1.302	2.369	1.244	Poorly Sorted
SKEWNESS (S_k):	1.194	-1.499	1.499	-0.144	0.144	Fine Skewed
KURTOSIS (K):	4.201	7.208	7.208	1.625	1.625	Very Leptokurtic

		SAMPLE STATISTICS				
SIEVING ERROR: 0.0%				ANALYST & DATE: , 2/8/2024		
SAMPLE IDENTITY: STS 2 SS 2 P1				TEXTURAL GROUP: Gravelly Sand		
SAMPLE TYPE: Polymodal, Poorly Sorted				SEDIMENT NAME: Very Fine Gravelly Coarse Sand		
				GRAIN SIZE DISTRIBUTION		
	μm	ϕ				
MODE 1:	605.0	0.747	GRAVEL: 7.2%	COARSE SAND: 29.0%		
MODE 2:	302.5	1.747	SAND: 90.1%	MEDIUM SAND: 23.7%		
MODE 3:	1200.0	-0.243	MUD: 2.7%	FINE SAND: 13.2%		
D ₁₀ :	85.14	-0.398	V FINE SAND: 8.6%			
MEDIAN or D ₅₀ :	510.8	0.969	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.5%		
D ₉₀ :	1317.4	3.554	COARSE GRAVEL: 0.0%	COARSE SILT: 0.5%		
(D ₉₀ / D ₁₀):	15.47	-8.936	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.5%		
(D ₉₀ - D ₁₀):	1232.3	3.952	FINE GRAVEL: 0.0%	FINE SILT: 0.5%		
(D ₇₅ / D ₂₅):	2.747	3.736	V FINE GRAVEL: 7.2%	V FINE SILT: 0.5%		
(D ₇₅ - D ₂₅):	439.6	1.458	V COARSE SAND: 15.6%	CLAY: 0.5%		
		METHOD OF MOMENTS		FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	634.2	385.0	1.377	438.1	1.191	Medium Sand
SORTING (σ):	606.2	3.080	1.623	2.856	1.514	Poorly Sorted
SKEWNESS (Sk):	1.703	-1.003	1.003	-0.187	0.187	Fine Skewed
KURTOSIS (K):	5.450	5.021	5.021	1.406	1.406	Leptokurtic

		SAMPLE STATISTICS				
SIEVING ERROR: 0.0%				ANALYST & DATE: , 2/8/2024		
SAMPLE IDENTITY: STS 2 SS 2 P2				TEXTURAL GROUP: Gravelly Sand		
SAMPLE TYPE: Polymodal, Poorly Sorted				SEDIMENT NAME: Very Fine Gravelly Coarse Sand		
				GRAIN SIZE DISTRIBUTION		
	μm	ϕ				
MODE 1:	605.0	0.747	GRAVEL: 10.9%	COARSE SAND: 36.6%		
MODE 2:	1200.0	-0.243	SAND: 87.7%	MEDIUM SAND: 13.2%		
MODE 3:	302.5	1.747	MUD: 1.4%	FINE SAND: 10.0%		
D ₁₀ :	127.7	-1.038	V FINE SAND: 8.0%			
MEDIAN or D ₅₀ :	590.3	0.760	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D ₉₀ :	2053.6	2.969	COARSE GRAVEL: 0.0%	COARSE SILT: 0.2%		
(D ₉₀ / D ₁₀):	16.08	-2.860	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.2%		
(D ₉₀ - D ₁₀):	1925.9	4.007	FINE GRAVEL: 0.0%	FINE SILT: 0.2%		
(D ₇₅ / D ₂₅):	3.803	-12.765	V FINE GRAVEL: 10.9%	V FINE SILT: 0.2%		
(D ₇₅ - D ₂₅):	812.2	1.927	V COARSE SAND: 19.9%	CLAY: 0.2%		
		METHOD OF MOMENTS		FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	782.4	502.5	0.993	493.7	1.018	Medium Sand
SORTING (σ):	669.5	2.897	1.535	2.856	1.514	Poorly Sorted
SKEWNESS (Sk):	1.327	-1.018	1.018	-0.225	0.225	Fine Skewed
KURTOSIS (K):	3.966	4.847	4.847	1.067	1.067	Mesokurtic

		SAMPLE STATISTICS				
SIEVING ERROR: 0.0%						
SAMPLE IDENTITY: STS 2 SS 2 P3		ANALYST & DATE: , 2/8/2024				
SAMPLE TYPE: Polymodal, Poorly Sorted		TEXTURAL GROUP: Gravelly Sand				
SEDIMENT NAME: Very Fine Gravelly Coarse Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	605.0	0.747	GRAVEL: 10.3%	COARSE SAND: 40.5%		
MODE 2:	1200.0	-0.243	SAND: 88.6%	MEDIUM SAND: 9.1%		
MODE 3:	2400.0	-1.243	MUD: 1.1%	FINE SAND: 7.4%		
D ₁₀ :	147.7	-1.016		V FINE SAND: 5.5%		
MEDIAN or D ₅₀ :	630.8	0.665	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D ₉₀ :	2021.9	2.759	COARSE GRAVEL: 0.0%	COARSE SILT: 0.2%		
(D ₉₀ / D ₁₀):	13.69	-2.717	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.2%		
(D ₉₀ - D ₁₀):	1874.2	3.775	FINE GRAVEL: 0.0%	FINE SILT: 0.2%		
(D ₇₅ / D ₂₅):	2.279	-4.618	V FINE GRAVEL: 10.3%	V FINE SILT: 0.2%		
(D ₇₅ - D ₂₅):	649.9	1.189	V COARSE SAND: 26.0%	CLAY: 0.2%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	848.6	592.4	0.755	604.9	0.725	Coarse Sand
SORTING (σ):	638.9	2.641	1.401	2.473	1.306	Poorly Sorted
SKEWNESS (Sk):	1.227	-1.333	1.333	-0.147	0.147	Fine Skewed
KURTOSIS (K):	3.925	6.193	6.193	1.681	1.681	Very Leptokurtic

		SAMPLE STATISTICS				
SIEVING ERROR: 0.5%						
SAMPLE IDENTITY: STS 2 SS 2 P4		ANALYST & DATE: , 2/8/2024				
SAMPLE TYPE: Polymodal, Poorly Sorted		TEXTURAL GROUP: Slightly Gravelly Sand				
SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	302.5	1.747	GRAVEL: 4.6%	COARSE SAND: 24.6%		
MODE 2:	605.0	0.747	SAND: 92.3%	MEDIUM SAND: 26.3%		
MODE 3:	152.5	2.737	MUD: 3.1%	FINE SAND: 19.5%		
D ₁₀ :	78.73	-0.242		V FINE SAND: 11.0%		
MEDIAN or D ₅₀ :	310.8	1.686	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.5%		
D ₉₀ :	1182.8	3.667	COARSE GRAVEL: 0.0%	COARSE SILT: 0.5%		
(D ₉₀ / D ₁₀):	15.02	-15.141	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.5%		
(D ₉₀ - D ₁₀):	1104.0	3.909	FINE GRAVEL: 0.0%	FINE SILT: 0.5%		
(D ₇₅ / D ₂₅):	4.045	3.918	V FINE GRAVEL: 4.6%	V FINE SILT: 0.5%		
(D ₇₅ - D ₂₅):	466.3	2.016	V COARSE SAND: 10.9%	CLAY: 0.5%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	507.4	302.7	1.724	304.8	1.714	Medium Sand
SORTING (σ):	529.9	3.035	1.602	2.416	1.272	Poorly Sorted
SKEWNESS (Sk):	2.164	-0.829	0.829	-0.024	0.024	Symmetrical
KURTOSIS (K):	7.845	4.770	4.770	0.887	0.887	Platykurtic

		SAMPLE STATISTICS					
SIEVING ERROR: 0.0%				ANALYST & DATE: , 2/8/2024			
SAMPLE IDENTITY: STS 2 SS 2 P5				TEXTURAL GROUP: Gravelly Sand			
SAMPLE TYPE: Polymodal, Poorly Sorted				SEDIMENT NAME: Very Fine Gravelly Coarse Sand			
SEDIMENT NAME: Very Fine Gravelly Coarse Sand							
		μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	605.0	0.747		GRAVEL: 7.7%	COARSE SAND: 28.3%		
MODE 2:	302.5	1.747		SAND: 90.9%	MEDIUM SAND: 26.2%		
MODE 3:	1200.0	-0.243		MUD: 1.4%	FINE SAND: 13.6%		
D ₁₀ :	129.2	-0.414			V FINE SAND: 7.4%		
MEDIAN or D ₅₀ :	509.2	0.974		V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D ₉₀ :	1332.3	2.952		COARSE GRAVEL: 0.0%	COARSE SILT: 0.2%		
(D ₉₀ / D ₁₀):	10.31	-7.132		MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.2%		
(D ₉₀ - D ₁₀):	1203.1	3.366		FINE GRAVEL: 0.0%	FINE SILT: 0.2%		
(D ₇₅ / D ₂₅):	2.680	3.703		V FINE GRAVEL: 7.7%	V FINE SILT: 0.2%		
(D ₇₅ - D ₂₅):	435.3	1.422		V COARSE SAND: 15.5%	CLAY: 0.2%		
		METHOD OF MOMENTS			FOLK & WARD METHOD		
		Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
		μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	648.2	412.2	1.279	448.9	1.156	Medium Sand	
SORTING (σ):	615.3	2.776	1.473	2.789	1.480	Poorly Sorted	
SKEWNESS (Sk):	1.703	-0.716	0.716	-0.156	0.156	Fine Skewed	
KURTOSIS (K):	5.324	4.669	4.669	1.414	1.414	Leptokurtic	

		SAMPLE STATISTICS					
SIEVING ERROR: 0.0%				ANALYST & DATE: , 2/8/2024			
SAMPLE IDENTITY: STS 2 SS 2 P6				TEXTURAL GROUP: Gravelly Sand			
SAMPLE TYPE: Polymodal, Poorly Sorted				SEDIMENT NAME: Very Fine Gravelly Coarse Sand			
SEDIMENT NAME: Very Fine Gravelly Coarse Sand							
		μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	605.0	0.747		GRAVEL: 10.7%	COARSE SAND: 33.7%		
MODE 2:	1200.0	-0.243		SAND: 89.2%	MEDIUM SAND: 15.6%		
MODE 3:	302.5	1.747		MUD: 0.1%	FINE SAND: 13.5%		
D ₁₀ :	129.2	-1.031			V FINE SAND: 8.7%		
MEDIAN or D ₅₀ :	566.8	0.819		V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	2043.8	2.953		COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	15.82	-2.863		MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	1914.6	3.984		FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	4.014	-20.824		V FINE GRAVEL: 10.7%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	800.3	2.005		V COARSE SAND: 17.7%	CLAY: 0.0%		
		METHOD OF MOMENTS			FOLK & WARD METHOD		
		Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
		μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	746.9	482.5	1.051	477.5	1.066	Medium Sand	
SORTING (σ):	673.3	2.675	1.420	2.860	1.516	Poorly Sorted	
SKEWNESS (Sk):	1.407	-0.330	0.330	-0.202	0.202	Fine Skewed	
KURTOSIS (K):	4.119	2.610	2.610	1.013	1.013	Mesokurtic	

		SAMPLE STATISTICS				
SIEVING ERROR: 0.0%						
SAMPLE IDENTITY: STS 2 SS 3 P1				ANALYST & DATE: , 2/8/2024		
SAMPLE TYPE: Polymodal, Poorly Sorted				TEXTURAL GROUP: Gravelly Sand		
SEDIMENT NAME: Very Fine Gravelly Coarse Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	605.0	0.747	GRAVEL: 6.1%	COARSE SAND: 41.1%		
MODE 2:	302.5	1.747	SAND: 93.7%	MEDIUM SAND: 21.4%		
MODE 3:	1200.0	-0.243	MUD: 0.2%	FINE SAND: 10.3%		
D ₁₀ :	138.3	-0.349		V FINE SAND: 7.0%		
MEDIAN or D ₅₀ :	549.7	0.863	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	1273.7	2.854	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	9.210	-8.179	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	1135.4	3.203	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	2.406	3.279	V FINE GRAVEL: 6.1%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	397.5	1.266	V COARSE SAND: 13.9%	CLAY: 0.0%		
	METHOD OF MOMENTS		FOLK & WARD METHOD			
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	647.7	458.0	1.127	469.5	1.091	Medium Sand
SORTING (σ):	551.8	2.366	1.242	2.615	1.387	Poorly Sorted
SKEWNESS (S_k):	1.884	-0.451	0.451	-0.214	0.214	Fine Skewed
KURTOSIS (K):	6.518	3.505	3.505	1.527	1.527	Very Leptokurtic

		SAMPLE STATISTICS				
SIEVING ERROR: 0.0%						
SAMPLE IDENTITY: STS 2 SS 3 P2				ANALYST & DATE: , 2/8/2024		
SAMPLE TYPE: Polymodal, Poorly Sorted				TEXTURAL GROUP: Gravelly Sand		
SEDIMENT NAME: Very Fine Gravelly Coarse Sand						
	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	605.0	0.747	GRAVEL: 6.1%	COARSE SAND: 34.7%		
MODE 2:	302.5	1.747	SAND: 93.5%	MEDIUM SAND: 26.7%		
MODE 3:	1200.0	-0.243	MUD: 0.4%	FINE SAND: 12.4%		
D ₁₀ :	150.9	-0.370		V FINE SAND: 3.2%		
MEDIAN or D ₅₀ :	538.1	0.894	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D ₉₀ :	1292.1	2.728	COARSE GRAVEL: 0.0%	COARSE SILT: 0.1%		
(D ₉₀ / D ₁₀):	8.563	-7.380	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.1%		
(D ₉₀ - D ₁₀):	1141.2	3.098	FINE GRAVEL: 0.0%	FINE SILT: 0.1%		
(D ₇₅ / D ₂₅):	2.463	3.457	V FINE GRAVEL: 6.1%	V FINE SILT: 0.1%		
(D ₇₅ - D ₂₅):	411.6	1.300	V COARSE SAND: 16.5%	CLAY: 0.1%		
	METHOD OF MOMENTS		FOLK & WARD METHOD			
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	655.9	467.1	1.098	480.2	1.058	Medium Sand
SORTING (σ):	558.0	2.327	1.218	2.423	1.277	Poorly Sorted
SKEWNESS (S_k):	1.804	-0.482	0.482	-0.101	0.101	Fine Skewed
KURTOSIS (K):	6.105	4.502	4.502	1.269	1.269	Leptokurtic

		SAMPLE STATISTICS				
SIEVING ERROR: 0.0%				ANALYST & DATE: , 2/8/2024		
SAMPLE IDENTITY: STS 2 SS 3 P3				TEXTURAL GROUP: Gravelly Sand		
SAMPLE TYPE: Polymodal, Poorly Sorted				SEDIMENT NAME: Very Fine Gravelly Coarse Sand		
				GRAIN SIZE DISTRIBUTION		
	μm	ϕ				
MODE 1:	605.0	0.747	GRAVEL: 7.1%	COARSE SAND: 32.3%		
MODE 2:	302.5	1.747	SAND: 92.9%	MEDIUM SAND: 22.3%		
MODE 3:	1200.0	-0.243	MUD: 0.0%	FINE SAND: 16.3%		
D ₁₀ :	139.1	-0.400	V FINE SAND: 5.2%			
MEDIAN or D ₅₀ :	534.6	0.903	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	1319.8	2.846	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	9.488	-7.108	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	1180.7	3.246	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	2.656	3.754	V FINE GRAVEL: 7.1%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	437.3	1.409	V COARSE SAND: 16.8%	CLAY: 0.0%		
		METHOD OF MOMENTS		FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	662.8	452.3	1.145	463.5	1.109	Medium Sand
SORTING (σ):	593.1	2.423	1.277	2.680	1.422	Poorly Sorted
SKEWNESS (S_k):	1.692	-0.120	0.120	-0.166	0.166	Fine Skewed
KURTOSIS (K):	5.471	2.541	2.541	1.349	1.349	Leptokurtic

		SAMPLE STATISTICS				
SIEVING ERROR: 0.0%				ANALYST & DATE: , 2/8/2024		
SAMPLE IDENTITY: STS 2 SS 3 P4				TEXTURAL GROUP: Slightly Gravelly Sand		
SAMPLE TYPE: Polymodal, Poorly Sorted				SEDIMENT NAME: Slightly Very Fine Gravelly Coarse Sand		
				GRAIN SIZE DISTRIBUTION		
	μm	ϕ				
MODE 1:	605.0	0.747	GRAVEL: 4.5%	COARSE SAND: 33.0%		
MODE 2:	302.5	1.747	SAND: 95.1%	MEDIUM SAND: 25.2%		
MODE 3:	152.5	2.737	MUD: 0.4%	FINE SAND: 19.2%		
D ₁₀ :	135.9	-0.273	V FINE SAND: 5.2%			
MEDIAN or D ₅₀ :	500.2	0.999	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D ₉₀ :	1208.2	2.879	COARSE GRAVEL: 0.0%	COARSE SILT: 0.1%		
(D ₉₀ / D ₁₀):	8.889	-10.554	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.1%		
(D ₉₀ - D ₁₀):	1072.2	3.152	FINE GRAVEL: 0.0%	FINE SILT: 0.1%		
(D ₇₅ / D ₂₅):	2.601	3.237	V FINE GRAVEL: 4.5%	V FINE SILT: 0.1%		
(D ₇₅ - D ₂₅):	401.5	1.379	V COARSE SAND: 12.5%	CLAY: 0.1%		
		METHOD OF MOMENTS		FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	567.9	393.2	1.347	427.9	1.225	Medium Sand
SORTING (σ):	516.6	2.383	1.253	2.453	1.295	Poorly Sorted
SKEWNESS (S_k):	2.066	-0.298	0.298	-0.256	0.256	Fine Skewed
KURTOSIS (K):	7.587	3.761	3.761	1.189	1.189	Leptokurtic

		SAMPLE STATISTICS				
SIEVING ERROR: 0.0%				ANALYST & DATE: , 2/8/2024		
SAMPLE IDENTITY: STS 2 SS 3 P5				TEXTURAL GROUP: Gravelly Sand		
SAMPLE TYPE: Polymodal, Poorly Sorted				SEDIMENT NAME: Very Fine Gravelly Coarse Sand		
				GRAIN SIZE DISTRIBUTION		
	μm	ϕ				
MODE 1:	605.0	0.747	GRAVEL: 7.6%	COARSE SAND: 33.7%		
MODE 2:	302.5	1.747	SAND: 91.9%	MEDIUM SAND: 23.0%		
MODE 3:	1200.0	-0.243	MUD: 0.6%	FINE SAND: 15.1%		
D ₁₀ :	138.1	-0.405	V FINE SAND: 5.3%			
MEDIAN or D ₅₀ :	532.2	0.910	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D ₉₀ :	1324.4	2.857	COARSE GRAVEL: 0.0%	COARSE SILT: 0.1%		
(D ₉₀ / D ₁₀):	9.593	-7.047	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.1%		
(D ₉₀ - D ₁₀):	1186.4	3.262	FINE GRAVEL: 0.0%	FINE SILT: 0.1%		
(D ₇₅ / D ₂₅):	2.598	3.577	V FINE GRAVEL: 7.6%	V FINE SILT: 0.1%		
(D ₇₅ - D ₂₅):	424.7	1.378	V COARSE SAND: 14.7%	CLAY: 0.1%		
		METHOD OF MOMENTS			FOLK & WARD METHOD	
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	659.3	442.8	1.175	461.1	1.117	Medium Sand
SORTING (σ):	601.5	2.523	1.335	2.694	1.430	Poorly Sorted
SKEWNESS (S_k):	1.748	-0.460	0.460	-0.169	0.169	Fine Skewed
KURTOSIS (K):	5.563	4.035	4.035	1.405	1.405	Leptokurtic

		SAMPLE STATISTICS				
SIEVING ERROR: 0.0%				ANALYST & DATE: , 2/8/2024		
SAMPLE IDENTITY: STS 2 SS 3 P6				TEXTURAL GROUP: Gravelly Sand		
SAMPLE TYPE: Polymodal, Poorly Sorted				SEDIMENT NAME: Very Fine Gravelly Coarse Sand		
				GRAIN SIZE DISTRIBUTION		
	μm	ϕ				
MODE 1:	605.0	0.747	GRAVEL: 9.4%	COARSE SAND: 40.3%		
MODE 2:	1200.0	-0.243	SAND: 90.5%	MEDIUM SAND: 17.3%		
MODE 3:	302.5	1.747	MUD: 0.1%	FINE SAND: 10.3%		
D ₁₀ :	155.0	-0.470	V FINE SAND: 3.8%			
MEDIAN or D ₅₀ :	587.4	0.767	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	1385.0	2.690	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	8.936	-5.724	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	1230.0	3.160	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	3.405	-20.194	V FINE GRAVEL: 9.4%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	748.3	1.767	V COARSE SAND: 18.8%	CLAY: 0.0%		
		METHOD OF MOMENTS			FOLK & WARD METHOD	
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	766.1	546.1	0.873	574.4	0.800	Coarse Sand
SORTING (σ):	625.6	2.345	1.229	2.294	1.198	Poorly Sorted
SKEWNESS (S_k):	1.509	-0.442	0.442	-0.044	0.044	Symmetrical
KURTOSIS (K):	4.622	3.462	3.462	0.968	0.968	Mesokurtic

Lampiran 9 Pola penggenangan pasang surut air laut di Pulau Bangkobangkoang

Hari	PASANG SURUT				STASIUN 1				STASIUN 2			
	1	2	3	4	1	2	3	4	1	2	3	4
1	3:10	9:16	15:29	21:40	P	P	P	P	P	X	P	X
2	3:37	9:38	15:56	22:11	P	P	P	P	P	X	P	X
3	4:03	10:00	16:23	22:42	P	P	P	P	P	X	P	X
4	4:25	10:19	16:49	23:11	P	P	P	P	P	X	P	X
5	4:44	10:34	17:14	23:42	P	P	P	P	P	X	P	X
6	4:53	10:42	17:40		P	P	P	P	P	X	P	
7	0:17	4:36	10:33	18:09	P	P	P	P	X	P	X	P
8	9:29	23:46			P	P	P	P	X	P		
9	8:02	14:35	18:22		P	P	P	P	X	P	X	
10	0:41	7:43	13:45	18:55	P	P	P	P	P	X	P	X
11	1:09	7:44	15:42	19:21	P	P	P	P	P	X	P	X
12	1:33	7:53	15:53	19:46	P	P	P	P	P	X	P	X
13	1:54	8:05	14:08	20:12	P	P	P	P	P	X	P	X
14	2:15	8:19	14:28	20:37	P	P	P	P	P	X	P	X

Lampiran 9. Jumlah spesies bentos yang terpilah di Pulau Bangkobangoang

No	Kelas	Spesies	Stasiun 1	Stasiun 2	Jumlah
1	<i>Gastropoda</i>	<i>Terebralia sulcata</i>	45	50	95
2	<i>Gastropoda</i>	<i>Littorina scabra</i>	10	299	309
3	<i>Gastropoda</i>	<i>Pleuroploca filamentosa</i>	1	0	1
4	<i>Gastropoda</i>	<i>Terebralia palustris</i>	51	51	102
5	<i>Gastropoda</i>	<i>Murex canaviensis</i>	1	0	1
6	<i>Bivalvia</i>	<i>Isognoman isognonum</i>	1	0	1
7	<i>Gastropoda</i>	<i>Monilea callifera</i>	1	0	1
8	<i>Gastropoda</i>	<i>Mitra variata</i>	1	1	2
9	<i>Gastropoda</i>	<i>Turbo undulatus</i>	1	0	1
10	<i>Gastropoda</i>	<i>Littorina fasciata</i>	1	0	1
11	<i>Gastropoda</i>	<i>Pleuroploca trapezium</i>	1	1	2
12	<i>Gastropoda</i>	<i>Cerithidea cingulata</i>	3	77	80
13	<i>Gastropoda</i>	<i>Cantharus multangulus</i>	1	0	1
14	<i>Gastropoda</i>	<i>Neritopsis radula</i>	0	1	1
15	<i>Gastropoda</i>	<i>Tectus fenestratus</i>	0	2	2
16	<i>Gastropoda</i>	<i>Astrea calcar</i>	0	1	1
17	<i>Bivalvia</i>	<i>Saccostrea echinata</i>	0	1	1
18	<i>Bivalvia</i>	<i>Asaphis violascens</i>	0	1	1
19	<i>Gastropoda</i>	<i>cerithidea variata</i>	0	37	37

Lampiran 10. Komposisi jenis bentos

no	nama spesies	Stasiun 1	D
1	<i>Terebralia sulcata</i>	45	38.1
2	<i>Littorina scabra</i>	10	8.5
3	<i>Pleuroploca filamentosa</i>	1	0.8
4	<i>Terebralia palustris</i>	51	43.2
5	<i>Murex canaviensis</i>	1	0.8
6	<i>Isognoman isognonum</i>	1	0.8
7	<i>Monilea callifera</i>	1	0.8
8	<i>Mitra variata</i>	1	0.8
9	<i>Turbo undulatus</i>	1	0.8
10	<i>Littorina fasciata</i>	1	0.8
11	<i>Pleuproloca trapezium</i>	1	0.8
12	<i>Cerithidea cingulata</i>	3	2.5
13	<i>Chantarus multangulus</i>	1	0.8
N		118	100.0

no	nama spesies	Stasiun 2	D
1	<i>Terebralia sulcata</i>	50	9.6
2	<i>Littorina scabra</i>	299	57.3
3	<i>cerithidea variata</i>	37	7.1
4	<i>Terebralia palustris</i>	51	9.8
5	<i>Mitra variata</i>	1	0.2
6	<i>Cerithidea cingulata</i>	77	14.8
7	<i>Neritopsis radula</i>	1	0.2
8	<i>Tecrus fenestratus</i>	2	0.4
9	<i>Astrea calcar</i>	1	0.2
10	<i>Saccostrea echinata</i>	1	0.2
11	<i>Asaphis violascens</i>	1	0.2
12	<i>Pleuproloca trapezium</i>	1	0.2
N		522	100.0

Lampiran 11. Sebaran jenis bentos

stasiun	spesies	$\sum X$	$\sum X^2$	$\sum X^2 - \sum X$	$((\sum X)^2 - \sum X)$	n	Id	keterangan
1	<i>Terebralia sulcata</i>	45	175	130	1980	18	1.181818	mengelompok
	<i>Littorina scabra</i>	10	54	44	90		8.8	mengelompok
	<i>Pleuroploca filamentosa</i>	1	1	0	0		0	seragam
	<i>Terebralia palustris</i>	51	213	162	2550		1.143529	mengelompok
	<i>Murex canaviensis</i>	1	1	0	0		0	seragam
	<i>Isognoman isognonum</i>	1	1	0	0		0	seragam
	<i>Monilea callifera</i>	1	1	0	0		0	seragam
	<i>Mitra variata</i>	1	1	0	0		0	seragam
	<i>Turbo undulatus</i>	1	1	0	0		0	seragam
	<i>Littorina fasciata</i>	1	1	0	0		0	seragam
	<i>Pleuproloca trapezium</i>	1	1	0	0		0	seragam
	<i>Cerithidea cingulata</i>	3	9	6	6		18	mengelompok
	<i>Chantarus multangulus</i>	1	1	0	0		0	seragam
2	<i>Terebralia sulcata</i>	50	328	278	2450	18	2.042449	mengelompok
	<i>Littorina scabra</i>	299	5915	5616	89102		1.13452	mengelompok
	<i>cerithidea variata</i>	37	725	688	1332		9.297297	mengelompok
	<i>Terebralia palustris</i>	51	265	214	2550		1.510588	mengelompok
	<i>Mitra variata</i>	1	1	0	0		0	seragam
	<i>Cerithidea cingulata</i>	77	1127	1050	5852		3.229665	mengelompok
	<i>Neritopsis radula</i>	1	1	0	0		0	seragam
	<i>Tecrus fenestratus</i>	2	4	2	2		18	mengelompok
	<i>Astrea calcar</i>	1	1	0	0		0	seragam
	<i>Saccostrea echinata</i>	1	1	0	0		0	seragam
	<i>Asaphis violascens</i>	1	1	0	0		0	seragam
	<i>Pleuproloca trapezium</i>	1	1	0	0		0	seragam

Lampiran 12. Uji T sampel bentos di kedua Stasiun

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	satsiun1	2.22	18	1.215	.286
	Stasiun2	3.11	18	1.491	.351

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	satsiun1 & Stasiun2	18	.473	.048

Paired Samples Test									
		Paired Differences				t	df	Sig. (2-tailed)	
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower				Upper
Pair 1	satsiun1 - stasiun2	-.889	1.410	.332	-1.590	-.188	-2.675	17	.016

Lampiran 13. Indeks kesamaan jenis (Similarity indeks) sampel bentuk di kedua Stasiun

Stasiun	a	b	2c	s	ket
1	7			0.92	sangat tinggi
2		6	6		

Lampiran 14. Foto bersama tim dilapangan



Lampiran 15. Memilah sampel bentuk dilapangan



Lampiran 17. Mengidentifikasi sampel bentuk



Lampiran 16. Memanaskan sampel sedimen dengan tanur



Lampiran 18. Mengayak sedimen



