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LAMPIRAN

Lampiran 1. Karakteristik mikroplastik berdasarkan bentuk, warna, dan ukuran pada sedimen di muara sungai Jeneberang.

Stasiun	Ulangan	Bentuk	Warna	Ukuran	Jumlah MP	Total MP	berat sedimen kering (Kg)	Kelimpahan (partikel/kg)	Rata-rata Kelimpahan	SE
	1	Line	Biru	2.17	1		0.10	10.00		
1	2				0	2.00	0.10	0.00	6.67	3.33
	3	Line	Merah	0.54	1		0.10	10.00		
	1	Line	Biru	0.29	2		0.10	20.00		
		Line	Coklat	0.78						
		Line	Biru	1.52						
		Line	Biru	0.74						
	2	Line	Biru	1.71	5		0.10	50.00		
		Line	Biru	0.65						
2		Line	Biru	0.47		12.00			40.00	10.00
		Line	Biru	0.97						
		Line	Biru	0.75						
	3	Line	Biru	3.09	5		0.10	50.00		
		Line	Merah	0.60						
		Line	Coklat	1.11						
		Line	Biru	0.84						
		Line	Biru	2.13						
	1	Line	Biru	1.41	6		0.10	60.00		
		Line	Merah	0.89						
		Line	Merah	0.49						
		Line	Hitam	3.29						
3		Line	Biru	1.78		13.00			43.33	8.82
	2	Line	Coklat	0.42	3		0.10	30		
		Line	Transparan	0.71						
		Line	Biru	2.10						
	3	Line	Biru	1.17	4		0.10	40		
		Line	Merah	1.88						
		Line	Merah	2.55						
		Line	Transparan	1.11						
		Line	Transparan	4.51						
4	1	Line	Transparan	0.50	5	20.00	0.10	50	66.67	16.67
		Line	Transparan	0.69						

		Line	Hitam	0.77						
		Line	Biru	0.51						
		Line	Transparan	2.66						
	2	Line	Transparan	4.18	5		0.10	50		
		Line	Hitam	1.84						
		Line	Hitam	1.94						
		Line	Merah	0.90						
		Line	Merah	1.50						
		Line	Transparan	1.84						
		Line	Transparan	0.83						
		Line	Hitam	1.62						
	3	Line	Hitam	1.45	10		0.10	100		
		Line	Hitam	1.32						
		Line	Coklat	1.11						
		Line	Coklat	1.15						
		Line	Biru	1.24						
		Line	Transparan	1.44						
		Line	Transparan	0.79						
		Line	Transparan	1.50						
		Line	Transparan	3.55						
		Line	Transparan	0.70						
	1	Line	Biru	1.72	11		0.10	110		
		Line	Biru	1.20						
		Line	Coklat	1.08						
		Line	Coklat	0.79						
		Line	Coklat	0.32						
5		Line	Coklat	0.31		21.00			70.00	20.82
		Line	Biru	1.77						
		Line	Transparan	0.36						
	2	Line	Coklat	0.88	4		0.10	40		
		Line	Coklat	1.62						
		Line	Biru	3.82						
		Line	Biru	0.91						
		Line	Coklat	0.80						
	3	Line	Coklat	1.47	6		0.10	60		
		Line	Hitam	0.32						
		Film	Transparan	1.14						

Lampiran 2. Data arus.

Stasiun	Jarak (m)		Waktu (s)	Kecepatan (m/s)	Rata-rata
S1U1	10	1.58	118	0.08	
S1U2	10	1.26	86	0.12	0.09
S1U3	10	2.2	140	0.07	
S2U1	10	4.43	283	0.04	
S2U2	10	2.21	141	0.07	0.07
S2U3	10	1.41	101	0.10	
S3U1	10	2.4	140	0.07	
S3U2	10	2.58	178	0.06	0.07
S3U3	10	2.02	122	0.08	
S4U1	10	2.47	167	0.06	
S4U2	10	3.56	236	0.04	0.05
S4U3	10	2.48	168	0.06	
S5U1	10	2.28	148	0.07	
S5U2	10	2.27	147	0.07	0.06
S5U3	10	3.44	224	0.04	

Lampiran 3. Data pasang surut.

No	Tanggal	Waktu	Pasang Surut (Sekunder)
1	1 Juli 2023	7/1/23 12:00 AM	1.3
2		7/1/23 1:00 AM	1.2
3		7/1/23 2:00 AM	1.0
4		7/1/23 3:00 AM	0.9
5		7/1/23 4:00 AM	0.8
6		7/1/23 5:00 AM	0.7
7		7/1/23 6:00 AM	0.6
8		7/1/23 7:00 AM	0.5
9		7/1/23 8:00 AM	0.4
10		7/1/23 9:00 AM	0.4
11		7/1/23 10:00 AM	0.4
12		7/1/23 11:00 AM	0.4
13		7/1/23 12:00 PM	0.4
14		7/1/23 1:00 PM	0.4
15		7/1/23 2:00 PM	0.5
16		7/1/23 3:00 PM	0.7
17		7/1/23 4:00 PM	0.8
18		7/1/23 5:00 PM	1.0
19		7/1/23 6:00 PM	1.1
20		7/1/23 7:00 PM	1.3
21		7/1/23 8:00 PM	1.4
22		7/1/23 9:00 PM	1.5
23		7/1/23 10:00 PM	1.5
24		7/1/23 11:00 PM	1.5
25	2 Juli 2023	7/2/23 12:00 AM	1.4
26		7/2/23 1:00 AM	1.3
27		7/2/23 2:00 AM	1.1
28		7/2/23 3:00 AM	1.0
29		7/2/23 4:00 AM	0.8
30		7/2/23 5:00 AM	0.7
31		7/2/23 6:00 AM	0.6
32		7/2/23 7:00 AM	0.5
33		7/2/23 8:00 AM	0.4
34		7/2/23 9:00 AM	0.4
35		7/2/23 10:00 AM	0.3

36		7/2/23 11:00 AM	0.3
37		7/2/23 12:00 PM	0.3
38		7/2/23 1:00 PM	0.3
39		7/2/23 2:00 PM	0.4
40		7/2/23 3:00 PM	0.5
41		7/2/23 4:00 PM	0.7
42		7/2/23 5:00 PM	0.9
43		7/2/23 6:00 PM	1.1
44		7/2/23 7:00 PM	1.3
45		7/2/23 8:00 PM	1.4
46		7/2/23 9:00 PM	1.6
47		7/2/23 10:00 PM	1.6
48		7/2/23 11:00 PM	1.6
49		7/3/23 12:00 AM	1.5
50		7/3/23 1:00 AM	1.4
51		7/3/23 2:00 AM	1.2
52		7/3/23 3:00 AM	1.0
53		7/3/23 4:00 AM	0.9
54		7/3/23 5:00 AM	0.8
55		7/3/23 6:00 AM	0.6
56		7/3/23 7:00 AM	0.6
57		7/3/23 8:00 AM	0.5
58		7/3/23 9:00 AM	0.4
59		7/3/23 10:00 AM	0.3
60	3 Juli 2023	7/3/23 11:00 AM	0.3
61		7/3/23 12:00 PM	0.2
62		7/3/23 1:00 PM	0.2
63		7/3/23 2:00 PM	0.2
64		7/3/23 3:00 PM	0.3
65		7/3/23 4:00 PM	0.5
66		7/3/23 5:00 PM	0.7
67		7/3/23 6:00 PM	0.9
68		7/3/23 7:00 PM	1.2
69		7/3/23 8:00 PM	1.4
70		7/3/23 9:00 PM	1.6
71		7/3/23 10:00 PM	1.7
72		7/3/23 11:00 PM	1.7
73	4 Juli 2023	7/4/23 12:00 AM	1.6

74		7/4/23 1:00 AM	1.4
75		7/4/23 2:00 AM	1.3
76		7/4/23 3:00 AM	1.1
77		7/4/23 4:00 AM	1.0
78		7/4/23 5:00 AM	0.8
79		7/4/23 6:00 AM	0.7
80		7/4/23 7:00 AM	0.6
81		7/4/23 8:00 AM	0.6
82		7/4/23 9:00 AM	0.5
83		7/4/23 10:00 AM	0.4
84		7/4/23 11:00 AM	0.3
85		7/4/23 12:00 PM	0.3
86		7/4/23 1:00 PM	0.2
87		7/4/23 2:00 PM	0.2
88		7/4/23 3:00 PM	0.2
89		7/4/23 4:00 PM	0.3
90		7/4/23 5:00 PM	0.5
91		7/4/23 6:00 PM	0.8
92		7/4/23 7:00 PM	1.0
93		7/4/23 8:00 PM	1.3
94		7/4/23 9:00 PM	1.5
95		7/4/23 10:00 PM	1.6
96		7/4/23 11:00 PM	1.7
97		7/5/23 12:00 AM	1.6
98		7/5/23 1:00 AM	1.5
99		7/5/23 2:00 AM	1.3
100		7/5/23 3:00 AM	1.2
101		7/5/23 4:00 AM	1.0
102		7/5/23 5:00 AM	0.9
103		7/5/23 6:00 AM	0.8
104	5 Juli 2023	7/5/23 7:00 AM	0.7
105		7/5/23 8:00 AM	0.7
106		7/5/23 9:00 AM	0.6
107		7/5/23 10:00 AM	0.6
108		7/5/23 11:00 AM	0.5
109		7/5/23 12:00 PM	0.4
110		7/5/23 1:00 PM	0.3
111		7/5/23 2:00 PM	0.2

112		7/5/23 3:00 PM	0.2
113		7/5/23 4:00 PM	0.2
114		7/5/23 5:00 PM	0.4
115		7/5/23 6:00 PM	0.6
116		7/5/23 7:00 PM	0.9
117		7/5/23 8:00 PM	1.1
118		7/5/23 9:00 PM	1.4
119		7/5/23 10:00 PM	1.5
120		7/5/23 11:00 PM	1.6
121		7/6/23 12:00 AM	1.6
122		7/6/23 1:00 AM	1.5
123		7/6/23 2:00 AM	1.4
124		7/6/23 3:00 AM	1.2
125		7/6/23 4:00 AM	1.0
126		7/6/23 5:00 AM	0.9
127		7/6/23 6:00 AM	0.8
128		7/6/23 7:00 AM	0.8
129		7/6/23 8:00 AM	0.8
130		7/6/23 9:00 AM	0.7
131		7/6/23 10:00 AM	0.7
132	6 Juli 2023	7/6/23 11:00 AM	0.6
133		7/6/23 12:00 PM	0.5
134		7/6/23 1:00 PM	0.4
135		7/6/23 2:00 PM	0.3
136		7/6/23 3:00 PM	0.2
137		7/6/23 4:00 PM	0.2
138		7/6/23 5:00 PM	0.3
139		7/6/23 6:00 PM	0.5
140		7/6/23 7:00 PM	0.7
141		7/6/23 8:00 PM	1.0
142		7/6/23 9:00 PM	1.2
143		7/6/23 10:00 PM	1.4
144		7/6/23 11:00 PM	1.5
145		7/7/23 12:00 AM	1.5
146		7/7/23 1:00 AM	1.5
147	7 Juli 2023	7/7/23 2:00 AM	1.3
148		7/7/23 3:00 AM	1.2
149		7/7/23 4:00 AM	1.0

150		7/7/23 5:00 AM	0.9
151		7/7/23 6:00 AM	0.8
152		7/7/23 7:00 AM	0.8
153		7/7/23 8:00 AM	0.8
154		7/7/23 9:00 AM	0.8
155		7/7/23 10:00 AM	0.8
156		7/7/23 11:00 AM	0.8
157		7/7/23 12:00 PM	0.7
158		7/7/23 1:00 PM	0.6
159		7/7/23 2:00 PM	0.4
160		7/7/23 3:00 PM	0.3
161		7/7/23 4:00 PM	0.3
162		7/7/23 5:00 PM	0.3
163		7/7/23 6:00 PM	0.4
164		7/7/23 7:00 PM	0.6
165		7/7/23 8:00 PM	0.8
166		7/7/23 9:00 PM	1.1
167		7/7/23 10:00 PM	1.3
168		7/7/23 11:00 PM	1.4
169		7/8/23 12:00 AM	1.4
170		7/8/23 1:00 AM	1.4
171		7/8/23 2:00 AM	1.3
172		7/8/23 3:00 AM	1.1
173		7/8/23 4:00 AM	1.0
174		7/8/23 5:00 AM	0.8
175		7/8/23 6:00 AM	0.8
176		7/8/23 7:00 AM	0.8
177		7/8/23 8:00 AM	0.8
178	8 Juli 2023	7/8/23 9:00 AM	0.9
179		7/8/23 10:00 AM	0.9
180		7/8/23 11:00 AM	0.9
181		7/8/23 12:00 PM	0.8
182		7/8/23 1:00 PM	0.8
183		7/8/23 2:00 PM	0.6
184		7/8/23 3:00 PM	0.5
185		7/8/23 4:00 PM	0.4
186		7/8/23 5:00 PM	0.4
187		7/8/23 6:00 PM	0.4

188		7/8/23 7:00 PM	0.6
189		7/8/23 8:00 PM	0.8
190		7/8/23 9:00 PM	1.0
191		7/8/23 10:00 PM	1.2
192		7/8/23 11:00 PM	1.3
193		7/9/23 12:00 AM	1.3
194		7/9/23 1:00 AM	1.3
195		7/9/23 2:00 AM	1.2
196		7/9/23 3:00 AM	1.1
197		7/9/23 4:00 AM	0.9
198		7/9/23 5:00 AM	0.8
199		7/9/23 6:00 AM	0.7
200		7/9/23 7:00 AM	0.7
201		7/9/23 8:00 AM	0.7
202		7/9/23 9:00 AM	0.8
203		7/9/23 10:00 AM	0.9
204	9 Juli 2023	7/9/23 11:00 AM	0.9
205		7/9/23 12:00 PM	0.9
206		7/9/23 1:00 PM	0.9
207		7/9/23 2:00 PM	0.8
208		7/9/23 3:00 PM	0.7
209		7/9/23 4:00 PM	0.6
210		7/9/23 5:00 PM	0.5
211		7/9/23 6:00 PM	0.6
212		7/9/23 7:00 PM	0.6
213		7/9/23 8:00 PM	0.8
214		7/9/23 9:00 PM	0.9
215		7/9/23 10:00 PM	1.1
216		7/9/23 11:00 PM	1.2
217		7/10/23 12:00 AM	1.3
218		7/10/23 1:00 AM	1.2
219		7/10/23 2:00 AM	1.1
220		7/10/23 3:00 AM	1.0
221	10 Juli 2023	7/10/23 4:00 AM	0.8
222		7/10/23 5:00 AM	0.7
223		7/10/23 6:00 AM	0.6
224		7/10/23 7:00 AM	0.6
225		7/10/23 8:00 AM	0.6

226		7/10/23 9:00 AM	0.7
227		7/10/23 10:00 AM	0.8
228		7/10/23 11:00 AM	0.9
229		7/10/23 12:00 PM	1.0
230		7/10/23 1:00 PM	1.0
231		7/10/23 2:00 PM	1.0
232		7/10/23 3:00 PM	0.9
233		7/10/23 4:00 PM	0.8
234		7/10/23 5:00 PM	0.7
235		7/10/23 6:00 PM	0.7
236		7/10/23 7:00 PM	0.7
237		7/10/23 8:00 PM	0.8
238		7/10/23 9:00 PM	0.9
239		7/10/23 10:00 PM	1.1
240		7/10/23 11:00 PM	1.2
241		7/11/23 12:00 AM	1.2
242		7/11/23 1:00 AM	1.2
243		7/11/23 2:00 AM	1.1
244		7/11/23 3:00 AM	0.9
245		7/11/23 4:00 AM	0.8
246		7/11/23 5:00 AM	0.6
247		7/11/23 6:00 AM	0.5
248		7/11/23 7:00 AM	0.4
249		7/11/23 8:00 AM	0.5
250		7/11/23 9:00 AM	0.5
251		7/11/23 10:00 AM	0.7
252	11 Juli 2023	7/11/23 11:00 AM	0.8
253		7/11/23 12:00 PM	0.9
254		7/11/23 1:00 PM	1.0
255		7/11/23 2:00 PM	1.0
256		7/11/23 3:00 PM	1.0
257		7/11/23 4:00 PM	1.0
258		7/11/23 5:00 PM	0.9
259		7/11/23 6:00 PM	0.9
260		7/11/23 7:00 PM	0.9
261		7/11/23 8:00 PM	1.0
262		7/11/23 9:00 PM	1.0
263		7/11/23 10:00 PM	1.1

264		7/11/23 11:00 PM	1.2
265		7/12/23 12:00 AM	1.2
266		7/12/23 1:00 AM	1.2
267		7/12/23 2:00 AM	1.1
268		7/12/23 3:00 AM	0.9
269		7/12/23 4:00 AM	0.8
270		7/12/23 5:00 AM	0.6
271		7/12/23 6:00 AM	0.5
272		7/12/23 7:00 AM	0.4
273		7/12/23 8:00 AM	0.4
274		7/12/23 9:00 AM	0.4
275		7/12/23 10:00 AM	0.5
276		7/12/23 11:00 AM	0.6
277	12 Juli 2023	7/12/23 12:00 PM	0.8
278		7/12/23 1:00 PM	0.9
279		7/12/23 2:00 PM	1.0
280		7/12/23 3:00 PM	1.0
281		7/12/23 4:00 PM	1.0
282		7/12/23 5:00 PM	1.0
283		7/12/23 6:00 PM	1.1
284		7/12/23 7:00 PM	1.1
285		7/12/23 8:00 PM	1.1
286		7/12/23 9:00 PM	1.1
287		7/12/23 10:00 PM	1.2
288		7/12/23 11:00 PM	1.2
289		7/13/23 12:00 AM	1.2
290		7/13/23 1:00 AM	1.2
291		7/13/23 2:00 AM	1.1
292		7/13/23 3:00 AM	0.9
293		7/13/23 4:00 AM	0.8
294		7/13/23 5:00 AM	0.6
295	13 Juli 2023	7/13/23 6:00 AM	0.5
296		7/13/23 7:00 AM	0.4
297		7/13/23 8:00 AM	0.3
298		7/13/23 9:00 AM	0.3
299		7/13/23 10:00 AM	0.4
300		7/13/23 11:00 AM	0.5
301		7/13/23 12:00 PM	0.6

302		7/13/23 1:00 PM	0.7
303		7/13/23 2:00 PM	0.8
304		7/13/23 3:00 PM	1.0
305		7/13/23 4:00 PM	1.0
306		7/13/23 5:00 PM	1.1
307		7/13/23 6:00 PM	1.1
308		7/13/23 7:00 PM	1.2
309		7/13/23 8:00 PM	1.2
310		7/13/23 9:00 PM	1.3
311		7/13/23 10:00 PM	1.3
312		7/13/23 11:00 PM	1.3
313		7/14/23 12:00 AM	1.3
314		7/14/23 1:00 AM	1.2
315		7/14/23 2:00 AM	1.1
316		7/14/23 3:00 AM	1.0
317		7/14/23 4:00 AM	0.8
318		7/14/23 5:00 AM	0.6
319		7/14/23 6:00 AM	0.5
320		7/14/23 7:00 AM	0.4
321		7/14/23 8:00 AM	0.3
322		7/14/23 9:00 AM	0.3
323		7/14/23 10:00 AM	0.3
324	14 Juli 2023	7/14/23 11:00 AM	0.3
325		7/14/23 12:00 PM	0.4
326		7/14/23 1:00 PM	0.6
327		7/14/23 2:00 PM	0.7
328		7/14/23 3:00 PM	0.8
329		7/14/23 4:00 PM	1.0
330		7/14/23 5:00 PM	1.1
331		7/14/23 6:00 PM	1.2
332		7/14/23 7:00 PM	1.3
333		7/14/23 8:00 PM	1.3
334		7/14/23 9:00 PM	1.4
335		7/14/23 10:00 PM	1.4
336		7/14/23 11:00 PM	1.4
337		7/15/23 12:00 AM	1.3
338	15 Juli 2023	7/15/23 1:00 AM	1.2
339		7/15/23 2:00 AM	1.1

340		7/15/23 3:00 AM	1.0
341		7/15/23 4:00 AM	0.8
342		7/15/23 5:00 AM	0.7
343		7/15/23 6:00 AM	0.6
344		7/15/23 7:00 AM	0.4
345		7/15/23 8:00 AM	0.4
346		7/15/23 9:00 AM	0.3
347		7/15/23 10:00 AM	0.3
348		7/15/23 11:00 AM	0.3
349		7/15/23 12:00 PM	0.3
350		7/15/23 1:00 PM	0.4
351		7/15/23 2:00 PM	0.5
352		7/15/23 3:00 PM	0.7
353		7/15/23 4:00 PM	0.8
354		7/15/23 5:00 PM	1.0
355		7/15/23 6:00 PM	1.1
356		7/15/23 7:00 PM	1.3
357		7/15/23 8:00 PM	1.4
358		7/15/23 9:00 PM	1.5
359		7/15/23 10:00 PM	1.5
360		7/15/23 11:00 PM	1.5
361		7/16/23 12:00 AM	1.4
362		7/16/23 1:00 AM	1.3
363		7/16/23 2:00 AM	1.1
364		7/16/23 3:00 AM	1.0
365		7/16/23 4:00 AM	0.9
366		7/16/23 5:00 AM	0.7
367		7/16/23 6:00 AM	0.6
368		7/16/23 7:00 AM	0.5
369	16 Juli 2023	7/16/23 8:00 AM	0.4
370		7/16/23 9:00 AM	0.4
371		7/16/23 10:00 AM	0.3
372		7/16/23 11:00 AM	0.3
373		7/16/23 12:00 PM	0.3
374		7/16/23 1:00 PM	0.3
375		7/16/23 2:00 PM	0.4
376		7/16/23 3:00 PM	0.5
377		7/16/23 4:00 PM	0.7

378		7/16/23 5:00 PM	0.9
379		7/16/23 6:00 PM	1.1
380		7/16/23 7:00 PM	1.2
381		7/16/23 8:00 PM	1.4
382		7/16/23 9:00 PM	1.5
383		7/16/23 10:00 PM	1.5
384		7/16/23 11:00 PM	1.5
385		7/17/23 12:00 AM	1.4
386		7/17/23 1:00 AM	1.3
387		7/17/23 2:00 AM	1.2
388		7/17/23 3:00 AM	1.0
389		7/17/23 4:00 AM	0.9
390		7/17/23 5:00 AM	0.8
391		7/17/23 6:00 AM	0.7
392		7/17/23 7:00 AM	0.6
393		7/17/23 8:00 AM	0.5
394		7/17/23 9:00 AM	0.5
395		7/17/23 10:00 AM	0.4
396		7/17/23 11:00 AM	0.4
397	17 Juli 2023	7/17/23 12:00 PM	0.3
398		7/17/23 1:00 PM	0.3
399		7/17/23 2:00 PM	0.3
400		7/17/23 3:00 PM	0.4
401		7/17/23 4:00 PM	0.5
402		7/17/23 5:00 PM	0.7
403		7/17/23 6:00 PM	0.9
404		7/17/23 7:00 PM	1.1
405		7/17/23 8:00 PM	1.3
406		7/17/23 9:00 PM	1.5
407		7/17/23 10:00 PM	1.6
408		7/17/23 11:00 PM	1.6
409		7/18/23 12:00 AM	1.5
410		7/18/23 1:00 AM	1.4
411		7/18/23 2:00 AM	1.2
412	18 Juli 2023	7/18/23 3:00 AM	1.0
413		7/18/23 4:00 AM	0.9
414		7/18/23 5:00 AM	0.8
415		7/18/23 6:00 AM	0.7

416		7/18/23 7:00 AM	0.6
417		7/18/23 8:00 AM	0.6
418		7/18/23 9:00 AM	0.6
419		7/18/23 10:00 AM	0.5
420		7/18/23 11:00 AM	0.5
421		7/18/23 12:00 PM	0.4
422		7/18/23 1:00 PM	0.3
423		7/18/23 2:00 PM	0.3
424		7/18/23 3:00 PM	0.3
425		7/18/23 4:00 PM	0.4
426		7/18/23 5:00 PM	0.6
427		7/18/23 6:00 PM	0.8
428		7/18/23 7:00 PM	1.0
429		7/18/23 8:00 PM	1.3
430		7/18/23 9:00 PM	1.4
431		7/18/23 10:00 PM	1.6
432		7/18/23 11:00 PM	1.6
433		7/19/23 12:00 AM	1.5
434		7/19/23 1:00 AM	1.4
435		7/19/23 2:00 AM	1.2
436		7/19/23 3:00 AM	1.0
437		7/19/23 4:00 AM	0.9
438		7/19/23 5:00 AM	0.8
439		7/19/23 6:00 AM	0.7
440		7/19/23 7:00 AM	0.7
441		7/19/23 8:00 AM	0.6
442		7/19/23 9:00 AM	0.6
443	19 Juli 2023	7/19/23 10:00 AM	0.6
444		7/19/23 11:00 AM	0.6
445		7/19/23 12:00 PM	0.5
446		7/19/23 1:00 PM	0.4
447		7/19/23 2:00 PM	0.4
448		7/19/23 3:00 PM	0.3
449		7/19/23 4:00 PM	0.4
450		7/19/23 5:00 PM	0.5
451		7/19/23 6:00 PM	0.7
452		7/19/23 7:00 PM	0.9
453		7/19/23 8:00 PM	1.2

454		7/19/23 9:00 PM	1.4
455		7/19/23 10:00 PM	1.5
456		7/19/23 11:00 PM	1.6
457		7/20/23 12:00 AM	1.5
458		7/20/23 1:00 AM	1.4
459		7/20/23 2:00 AM	1.2
460		7/20/23 3:00 AM	1.0
461		7/20/23 4:00 AM	0.9
462		7/20/23 5:00 AM	0.7
463		7/20/23 6:00 AM	0.7
464		7/20/23 7:00 AM	0.7
465		7/20/23 8:00 AM	0.7
466		7/20/23 9:00 AM	0.7
467		7/20/23 10:00 AM	0.7
468		7/20/23 11:00 AM	0.7
469	20 Juli 2023	7/20/23 12:00 PM	0.6
470		7/20/23 1:00 PM	0.5
471		7/20/23 2:00 PM	0.4
472		7/20/23 3:00 PM	0.4
473		7/20/23 4:00 PM	0.4
474		7/20/23 5:00 PM	0.4
475		7/20/23 6:00 PM	0.6
476		7/20/23 7:00 PM	0.8
477		7/20/23 8:00 PM	1.0
478		7/20/23 9:00 PM	1.3
479		7/20/23 10:00 PM	1.4
480		7/20/23 11:00 PM	1.5
481		7/21/23 12:00 AM	1.5
482		7/21/23 1:00 AM	1.4
483		7/21/23 2:00 AM	1.3
484		7/21/23 3:00 AM	1.1
485		7/21/23 4:00 AM	0.9
486	21 Juli 2023	7/21/23 5:00 AM	0.7
487		7/21/23 6:00 AM	0.7
488		7/21/23 7:00 AM	0.6
489		7/21/23 8:00 AM	0.7
490		7/21/23 9:00 AM	0.7
491		7/21/23 10:00 AM	0.8

492		7/21/23 11:00 AM	0.8
493		7/21/23 12:00 PM	0.7
494		7/21/23 1:00 PM	0.6
495		7/21/23 2:00 PM	0.5
496		7/21/23 3:00 PM	0.4
497		7/21/23 4:00 PM	0.4
498		7/21/23 5:00 PM	0.4
499		7/21/23 6:00 PM	0.6
500		7/21/23 7:00 PM	0.7
501		7/21/23 8:00 PM	0.9
502		7/21/23 9:00 PM	1.2
503		7/21/23 10:00 PM	1.4
504		7/21/23 11:00 PM	1.5
505		7/22/23 12:00 AM	1.5
506		7/22/23 1:00 AM	1.4
507		7/22/23 2:00 AM	1.3
508		7/22/23 3:00 AM	1.1
509		7/22/23 4:00 AM	0.9
510		7/22/23 5:00 AM	0.7
511		7/22/23 6:00 AM	0.6
512		7/22/23 7:00 AM	0.6
513		7/22/23 8:00 AM	0.7
514		7/22/23 9:00 AM	0.7
515		7/22/23 10:00 AM	0.8
516	22 Juli 2023	7/22/23 11:00 AM	0.8
517		7/22/23 12:00 PM	0.8
518		7/22/23 1:00 PM	0.8
519		7/22/23 2:00 PM	0.7
520		7/22/23 3:00 PM	0.6
521		7/22/23 4:00 PM	0.5
522		7/22/23 5:00 PM	0.5
523		7/22/23 6:00 PM	0.5
524		7/22/23 7:00 PM	0.7
525		7/22/23 8:00 PM	0.9
526		7/22/23 9:00 PM	1.1
527		7/22/23 10:00 PM	1.3
528		7/22/23 11:00 PM	1.4
529	23 Juli 2023	7/23/23 12:00 AM	1.4

530		7/23/23 1:00 AM	1.4
531		7/23/23 2:00 AM	1.2
532		7/23/23 3:00 AM	1.0
533		7/23/23 4:00 AM	0.9
534		7/23/23 5:00 AM	0.7
535		7/23/23 6:00 AM	0.6
536		7/23/23 7:00 AM	0.6
537		7/23/23 8:00 AM	0.6
538		7/23/23 9:00 AM	0.7
539		7/23/23 10:00 AM	0.8
540		7/23/23 11:00 AM	0.9
541		7/23/23 12:00 PM	0.9
542		7/23/23 1:00 PM	0.9
543		7/23/23 2:00 PM	0.8
544		7/23/23 3:00 PM	0.7
545		7/23/23 4:00 PM	0.6
546		7/23/23 5:00 PM	0.6
547		7/23/23 6:00 PM	0.6
548		7/23/23 7:00 PM	0.7
549		7/23/23 8:00 PM	0.8
550		7/23/23 9:00 PM	1.0
551		7/23/23 10:00 PM	1.2
552		7/23/23 11:00 PM	1.3
553		7/24/23 12:00 AM	1.3
554		7/24/23 1:00 AM	1.3
555		7/24/23 2:00 AM	1.2
556		7/24/23 3:00 AM	1.0
557		7/24/23 4:00 AM	0.8
558		7/24/23 5:00 AM	0.7
559		7/24/23 6:00 AM	0.6
560	24 Juli 2023	7/24/23 7:00 AM	0.5
561		7/24/23 8:00 AM	0.6
562		7/24/23 9:00 AM	0.7
563		7/24/23 10:00 AM	0.8
564		7/24/23 11:00 AM	0.9
565		7/24/23 12:00 PM	0.9
566		7/24/23 1:00 PM	0.9
567		7/24/23 2:00 PM	0.9

568		7/24/23 3:00 PM	0.8
569		7/24/23 4:00 PM	0.7
570		7/24/23 5:00 PM	0.7
571		7/24/23 6:00 PM	0.7
572		7/24/23 7:00 PM	0.7
573		7/24/23 8:00 PM	0.8
574		7/24/23 9:00 PM	1.0
575		7/24/23 10:00 PM	1.1
576		7/24/23 11:00 PM	1.2
577		7/25/23 12:00 AM	1.3
578		7/25/23 1:00 AM	1.2
579		7/25/23 2:00 AM	1.1
580		7/25/23 3:00 AM	1.0
581		7/25/23 4:00 AM	0.8
582		7/25/23 5:00 AM	0.6
583		7/25/23 6:00 AM	0.5
584		7/25/23 7:00 AM	0.5
585		7/25/23 8:00 AM	0.5
586		7/25/23 9:00 AM	0.6
587		7/25/23 10:00 AM	0.7
588	25 Juli 2023	7/25/23 11:00 AM	0.9
589		7/25/23 12:00 PM	0.9
590		7/25/23 1:00 PM	1.0
591		7/25/23 2:00 PM	1.0
592		7/25/23 3:00 PM	0.9
593		7/25/23 4:00 PM	0.9
594		7/25/23 5:00 PM	0.8
595		7/25/23 6:00 PM	0.8
596		7/25/23 7:00 PM	0.8
597		7/25/23 8:00 PM	0.9
598		7/25/23 9:00 PM	1.0
599		7/25/23 10:00 PM	1.1
600		7/25/23 11:00 PM	1.2
601		7/26/23 12:00 AM	1.2
602		7/26/23 1:00 AM	1.2
603	26 Juli 2023	7/26/23 2:00 AM	1.0
604		7/26/23 3:00 AM	0.9
605		7/26/23 4:00 AM	0.7

606		7/26/23 5:00 AM	0.6
607		7/26/23 6:00 AM	0.5
608		7/26/23 7:00 AM	0.4
609		7/26/23 8:00 AM	0.5
610		7/26/23 9:00 AM	0.5
611		7/26/23 10:00 AM	0.7
612		7/26/23 11:00 AM	0.8
613		7/26/23 12:00 PM	0.9
614		7/26/23 1:00 PM	1.0
615		7/26/23 2:00 PM	1.0
616		7/26/23 3:00 PM	1.0
617		7/26/23 4:00 PM	1.0
618		7/26/23 5:00 PM	0.9
619		7/26/23 6:00 PM	0.9
620		7/26/23 7:00 PM	0.9
621		7/26/23 8:00 PM	1.0
622		7/26/23 9:00 PM	1.1
623		7/26/23 10:00 PM	1.1
624		7/26/23 11:00 PM	1.2
625		7/27/23 12:00 AM	1.2
626		7/27/23 1:00 AM	1.1
627		7/27/23 2:00 AM	1.0
628		7/27/23 3:00 AM	0.8
629		7/27/23 4:00 AM	0.7
630		7/27/23 5:00 AM	0.5
631		7/27/23 6:00 AM	0.4
632		7/27/23 7:00 AM	0.4
633		7/27/23 8:00 AM	0.4
634	27 Juli 2023	7/27/23 9:00 AM	0.4
635		7/27/23 10:00 AM	0.6
636		7/27/23 11:00 AM	0.7
637		7/27/23 12:00 PM	0.8
638		7/27/23 1:00 PM	0.9
639		7/27/23 2:00 PM	1.0
640		7/27/23 3:00 PM	1.0
641		7/27/23 4:00 PM	1.0
642		7/27/23 5:00 PM	1.0
643		7/27/23 6:00 PM	1.1

644		7/27/23 7:00 PM	1.1
645		7/27/23 8:00 PM	1.1
646		7/27/23 9:00 PM	1.2
647		7/27/23 10:00 PM	1.2
648		7/27/23 11:00 PM	1.2
649		7/28/23 12:00 AM	1.2
650		7/28/23 1:00 AM	1.1
651		7/28/23 2:00 AM	1.0
652		7/28/23 3:00 AM	0.8
653		7/28/23 4:00 AM	0.7
654		7/28/23 5:00 AM	0.5
655		7/28/23 6:00 AM	0.4
656		7/28/23 7:00 AM	0.3
657		7/28/23 8:00 AM	0.3
658		7/28/23 9:00 AM	0.4
659		7/28/23 10:00 AM	0.5
660		7/28/23 11:00 AM	0.6
661	28 Juli 2023	7/28/23 12:00 PM	0.7
662		7/28/23 1:00 PM	0.8
663		7/28/23 2:00 PM	0.9
664		7/28/23 3:00 PM	1.0
665		7/28/23 4:00 PM	1.1
666		7/28/23 5:00 PM	1.1
667		7/28/23 6:00 PM	1.2
668		7/28/23 7:00 PM	1.2
669		7/28/23 8:00 PM	1.3
670		7/28/23 9:00 PM	1.3
671		7/28/23 10:00 PM	1.3
672		7/28/23 11:00 PM	1.3
673		7/29/23 12:00 AM	1.3
674		7/29/23 1:00 AM	1.2
675		7/29/23 2:00 AM	1.0
676		7/29/23 3:00 AM	0.8
677	29 Juli 2023	7/29/23 4:00 AM	0.7
678		7/29/23 5:00 AM	0.5
679		7/29/23 6:00 AM	0.4
680		7/29/23 7:00 AM	0.3
681		7/29/23 8:00 AM	0.3

682	7/29/23 9:00 AM	0.3
683	7/29/23 10:00 AM	0.4
684	7/29/23 11:00 AM	0.5
685	7/29/23 12:00 PM	0.6
686	7/29/23 1:00 PM	0.7
687	7/29/23 2:00 PM	0.8
688	7/29/23 3:00 PM	0.9
689	7/29/23 4:00 PM	1.0
690	7/29/23 5:00 PM	1.1
691	7/29/23 6:00 PM	1.2
692	7/29/23 7:00 PM	1.3
693	7/29/23 8:00 PM	1.4
694	7/29/23 9:00 PM	1.4
695	7/29/23 10:00 PM	1.4
696	7/29/23 11:00 PM	1.4

Lampiran 4. Ukuran butir sedimen.

Stasiun	Jenis Sedimen	Ukuran Butir Sedimen (mm)	Rata-rata	Standar Deviasi
S1U1	Pasir Halus	0.240		
S1U2	Pasir Halus	0.232	0.23	0.01
S1U3	Pasir Halus	0.230		
S2U1	Pasir Sedang	0.398		
S2U2	Pasir Kasar	0.569	0.48	0.09
S2U3	Pasar Sedang	0.481		
S3U1	Pasir Kasar	0.558		
S3U2	Pasir Sedang	0.492	0.50	0.05
S3U3	Pasir Sedang	0.454		
S4U1	Pasir Sedang	0.494		
S4U2	Pasir Sedang	0.493	0.49	0.01
S4U3	Pasir Sedang	0.474		
S5U1	Pasir Halus	0.237		
S5U2	Pasir Kasar	0.598	0.46	0.19
S5U3	Pasir Kasar	0.539		

Lampiran 5. Hasil analisis ukuran butir sedimen.

S1U1

SAMPLE STATISTICS

SAMPLE IDENTITY: **S1U1** ANALYST & DATE: , 15 Agustus 2023

SAMPLE TYPE: Trimodal, Moderately Sorted TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

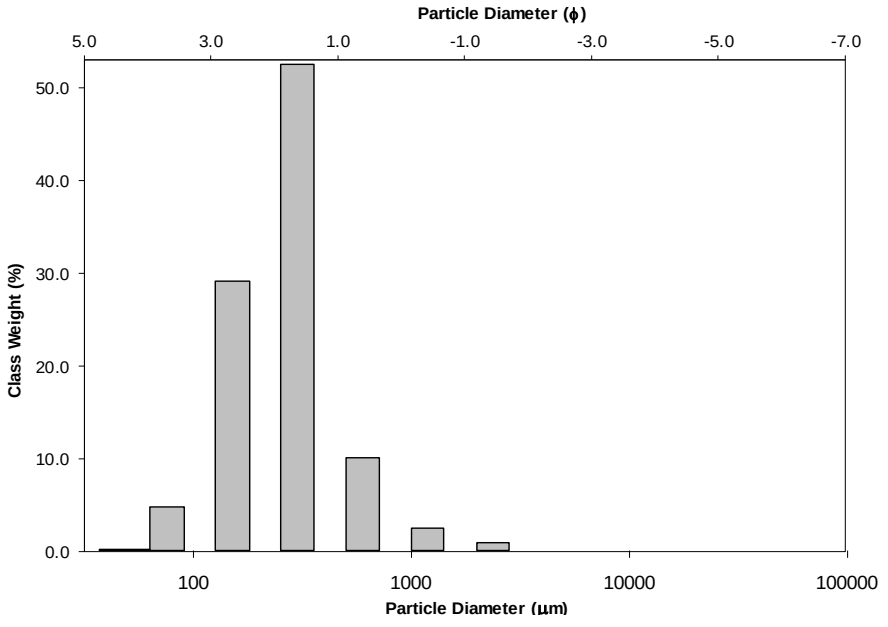
	μm	ϕ
MODE 1:	302.5	1.747
MODE 2:	152.5	2.737
MODE 3:	605.0	0.747
D_{10}:	132.8	0.837
MEDIAN or D_{50}:	276.8	1.853
D_{90}:	559.9	2.913
(D_{90} / D_{10}):	4.216	3.481
(D_{90} - D_{10}):	427.1	2.076
(D_{75} / D_{25}):	2.055	1.646
(D_{75} - D_{25}):	168.3	1.039

GRAIN SIZE DISTRIBUTION

GRAVEL:	0.9%	COARSE SAND:	9.9%
SAND:	98.9%	MEDIUM SAND:	51.9%
MUD:	0.2%	FINE SAND:	29.9%
		V FINE SAND:	4.8%
V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.2%
COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
FINE GRAVEL:	0.0%	FINE SILT:	0.0%
V FINE GRAVEL:	0.9%	V FINE SILT:	0.0%
V COARSE SAND:	2.4%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN ($\bar{x}$):	316.4	255.1	1.971	239.7	2.060	Fine Sand
SORTING (σ):	277.3	1.802	0.849	1.694	0.760	Moderately Sorted
SKEWNESS (Sk):	4.595	0.517	-0.517	-0.303	0.303	Very Fine Skewed
KURTOSIS (K):	31.24	4.594	4.594	1.142	1.142	Leptokurtic

GRAIN SIZE DISTRIBUTION



S1U2

SAMPLE STATISTICS

SAMPLE IDENTITY: **S1U2** ANALYST & DATE: , 15 Agustus 2023

SAMPLE TYPE: Bimodal, Moderately Sorted TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

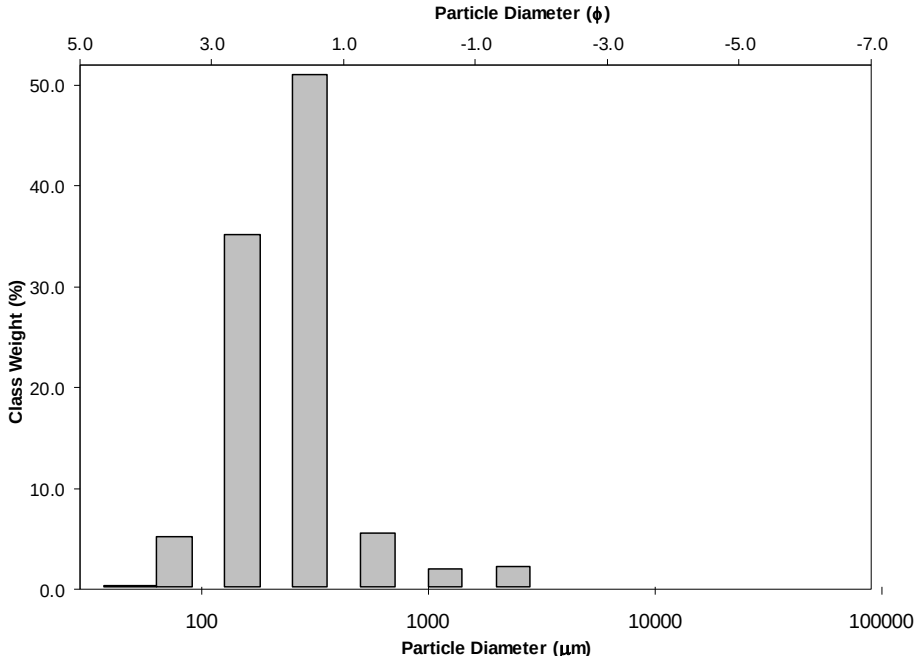
	μm	ϕ
MODE 1:	302.5	1.747
MODE 2:	152.5	2.737
MODE 3:		
D_{10}:	131.2	1.506
MEDIAN or D_{50}:	266.1	1.910
D_{90}:	352.2	2.930
(D_{90} / D_{10}):	2.684	1.946
(D_{90} - D_{10}):	221.0	1.425
(D_{75} / D_{25}):	2.075	1.635
(D_{75} - D_{25}):	164.2	1.053

GRAIN SIZE DISTRIBUTION

GRAVEL:	1.9%	COARSE SAND:	5.3%
SAND:	97.9%	MEDIUM SAND:	50.0%
MUD:	0.2%	FINE SAND:	35.9%
		V FINE SAND:	5.1%
V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.2%
COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
FINE GRAVEL:	0.0%	FINE SILT:	0.0%
V FINE GRAVEL:	1.9%	V FINE SILT:	0.0%
V COARSE SAND:	1.7%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN ($\bar{x}$):	308.1	239.2	2.063	232.3	2.106	Fine Sand
SORTING (σ):	336.7	1.825	0.868	1.686	0.754	Moderately Sorted
SKEWNESS (Sk):	4.885	1.024	-1.024	-0.284	0.284	Fine Skewed
KURTOSIS (K):	29.39	6.065	6.065	1.117	1.117	Leptokurtic

GRAIN SIZE DISTRIBUTION



S1U3

SAMPLE STATISTICS

SAMPLE IDENTITY: **S1U3** ANALYST & DATE: , 15 Agustus 2023

SAMPLE TYPE: Trimodal, Moderately Sorted TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

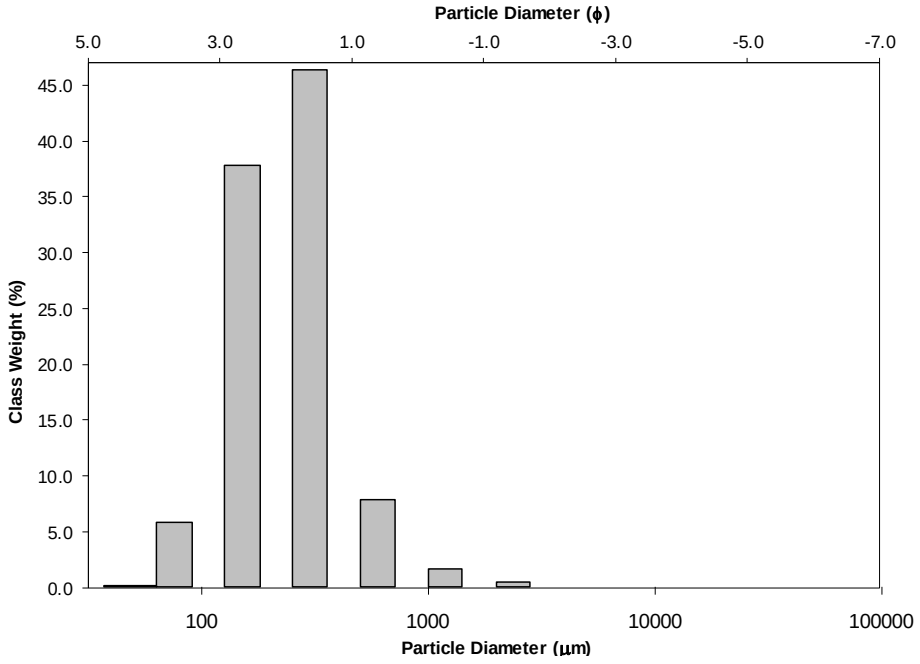
	μm	ϕ
MODE 1:	302.5	1.747
MODE 2:	152.5	2.737
MODE 3:	605.0	0.747
D_{10}:	129.8	1.497
MEDIAN or D_{50}:	260.4	1.941
D_{90}:	354.3	2.946
(D_{90} / D_{10}):	2.730	1.968
(D_{90} - D_{10}):	224.5	1.449
(D_{75} / D_{25}):	2.111	1.648
(D_{75} - D_{25}):	166.2	1.078

GRAIN SIZE DISTRIBUTION

GRAVEL:	0.4%	COARSE SAND:	7.7%
SAND:	99.3%	MEDIUM SAND:	45.6%
MUD:	0.3%	FINE SAND:	38.7%
		V FINE SAND:	5.8%
V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.3%
COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
FINE GRAVEL:	0.0%	FINE SILT:	0.0%
V FINE GRAVEL:	0.4%	V FINE SILT:	0.0%
V COARSE SAND:	1.6%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN ($\bar{x}$):	277.7	228.6	2.129	229.6	2.123	Fine Sand
SORTING (σ):	224.8	1.754	0.811	1.695	0.761	Moderately Sorted
SKEWNESS (Sk):	4.962	0.483	-0.483	-0.275	0.275	Fine Skewed
KURTOSIS (K):	40.25	4.316	4.316	1.093	1.093	Mesokurtic

GRAIN SIZE DISTRIBUTION



S2U1

SAMPLE STATISTICS

SAMPLE IDENTITY: **S2U1** ANALYST & DATE: , 15 Agustus 2023

SAMPLE TYPE: Polymodal, Moderately Sorted TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

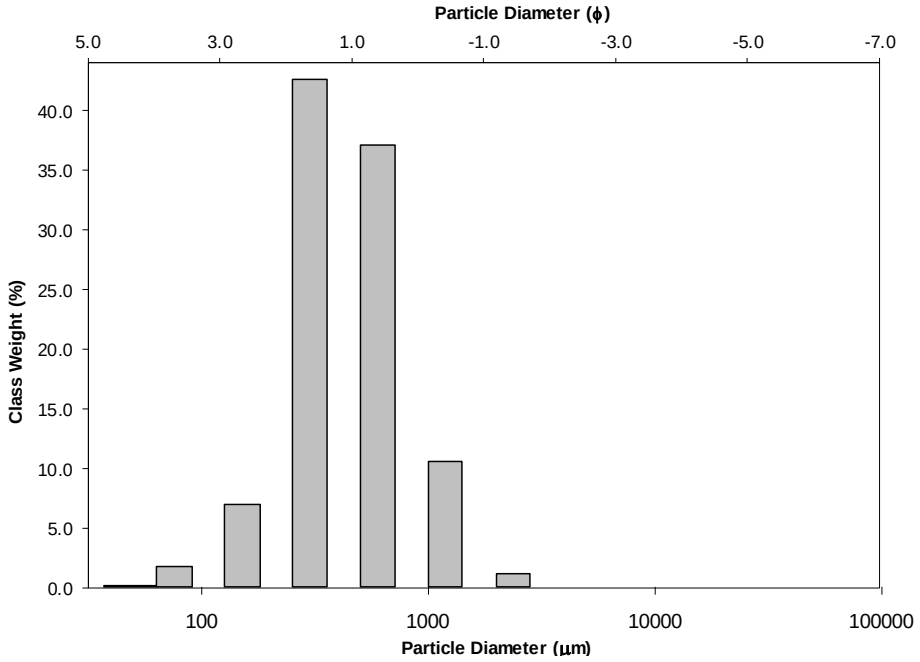
	μm	ϕ
MODE 1:	302.5	1.747
MODE 2:	605.0	0.747
MODE 3:	1200.0	-0.243
D_{10}:	251.9	-0.058
MEDIAN or D_{50}:	350.0	1.515
D_{90}:	1041.2	1.989
(D_{90} / D_{10}):	4.134	-34.188
(D_{90} - D_{10}):	789.3	2.047
(D_{75} / D_{25}):	2.187	2.655
(D_{75} - D_{25}):	338.2	1.129

GRAIN SIZE DISTRIBUTION

GRAVEL:	1.1%	COARSE SAND:	37.1%
SAND:	98.7%	MEDIUM SAND:	42.6%
MUD:	0.1%	FINE SAND:	7.2%
		V FINE SAND:	1.8%
V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.1%
COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
FINE GRAVEL:	0.0%	FINE SILT:	0.0%
V FINE GRAVEL:	1.1%	V FINE SILT:	0.0%
V COARSE SAND:	10.1%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN ($\bar{x}$):	513.6	419.9	1.252	397.6	1.331	Medium Sand
SORTING (σ):	350.4	1.841	0.880	1.747	0.805	Moderately Sorted
SKEWNESS (Sk):	2.314	-0.058	0.058	0.293	-0.293	Coarse Skewed
KURTOSIS (K):	11.14	3.558	3.558	1.116	1.116	Leptokurtic

GRAIN SIZE DISTRIBUTION



S2U2

SAMPLE STATISTICS

SAMPLE IDENTITY: **S2U2** ANALYST & DATE: , 15 Agustus 2023

SAMPLE TYPE: Trimodal, Moderately Sorted TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Coarse Sand

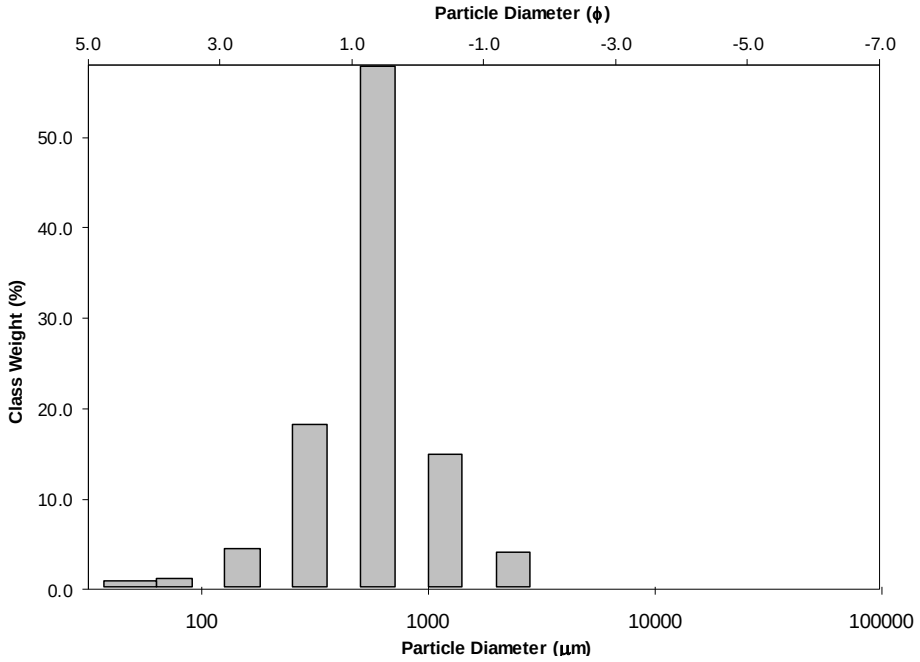
	μm	ϕ
MODE 1:	605.0	0.747
MODE 2:	302.5	1.747
MODE 3:	1200.0	-0.243
D_{10}:	268.2	-0.272
MEDIAN or D_{50}:	584.1	0.776
D_{90}:	1207.5	1.899
(D_{90} / D_{10}):	4.502	-6.979
(D_{90} - D_{10}):	939.3	2.171
(D_{75} / D_{25}):	1.356	1.789
(D_{75} - D_{25}):	178.4	0.439

GRAIN SIZE DISTRIBUTION

GRAVEL:	3.8%	COARSE SAND:	57.6%
SAND:	95.2%	MEDIUM SAND:	18.1%
MUD:	1.0%	FINE SAND:	4.4%
		V FINE SAND:	1.0%
V COARSE GRAVEL:	0.0%	V COARSE SILT:	1.0%
COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
FINE GRAVEL:	0.0%	FINE SILT:	0.0%
V FINE GRAVEL:	3.8%	V FINE SILT:	0.0%
V COARSE SAND:	14.2%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN ($\bar{x}$):	671.8	549.0	0.865	569.1	0.813	Coarse Sand
SORTING (σ):	445.8	1.892	0.920	1.887	0.916	Moderately Sorted
SKEWNESS (Sk):	2.213	-0.669	0.669	-0.136	0.136	Fine Skewed
KURTOSIS (K):	9.050	5.255	5.255	2.877	2.877	Very Leptokurtic

GRAIN SIZE DISTRIBUTION



S2U3

SAMPLE STATISTICS

SAMPLE IDENTITY: **S2U3** ANALYST & DATE: , 15 Agustus 2023

SAMPLE TYPE: Bimodal, Moderately Sorted TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Coarse Sand

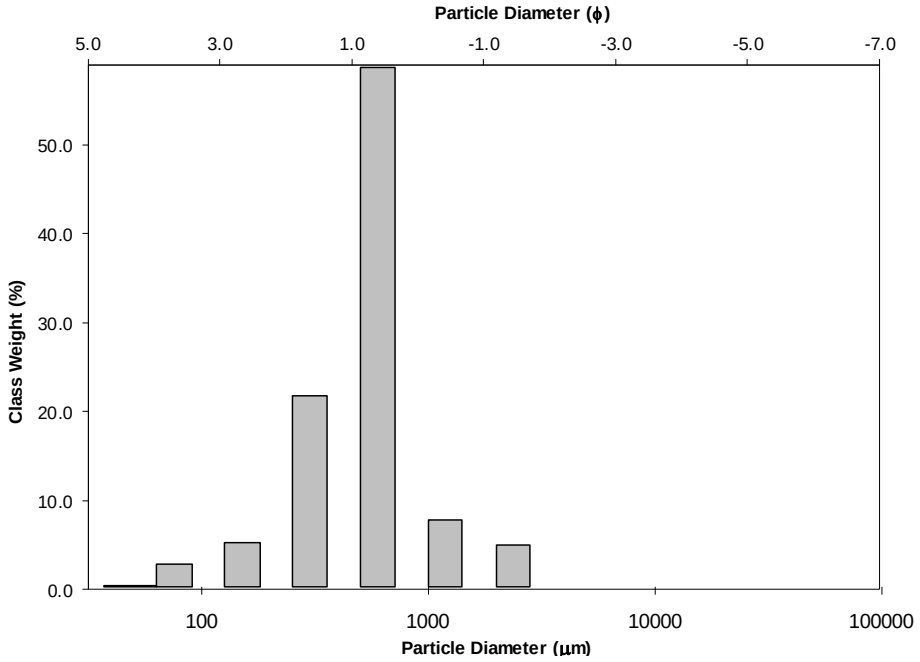
	μm	ϕ
MODE 1:	605.0	0.747
MODE 2:	302.5	1.747
MODE 3:		
D_{10}:	258.1	-0.128
MEDIAN or D_{50}:	565.2	0.823
D_{90}:	1092.9	1.954
(D_{90} / D_{10}):	4.235	-15.239
(D_{90} - D_{10}):	834.8	2.082
(D_{75} / D_{25}):	1.992	2.638
(D_{75} - D_{25}):	326.9	0.994

GRAIN SIZE DISTRIBUTION

GRAVEL:	4.6%	COARSE SAND:	58.5%
SAND:	95.2%	MEDIUM SAND:	21.5%
MUD:	0.2%	FINE SAND:	5.2%
		V FINE SAND:	2.7%
V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.2%
COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
FINE GRAVEL:	0.0%	FINE SILT:	0.0%
V FINE GRAVEL:	4.6%	V FINE SILT:	0.0%
V COARSE SAND:	7.3%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN ($\bar{x}$):	627.6	504.2	0.988	481.3	1.055	Medium Sand
SORTING (σ):	460.9	1.917	0.939	1.756	0.812	Moderately Sorted
SKEWNESS (Sk):	2.582	-0.418	0.418	-0.375	0.375	Very Fine Skewed
KURTOSIS (K):	10.44	4.704	4.704	1.337	1.337	Leptokurtic

GRAIN SIZE DISTRIBUTION



S3U1

SAMPLE STATISTICS

SAMPLE IDENTITY: **S3U1** ANALYST & DATE: , 15 Agustus 2023

SAMPLE TYPE: Trimodal, Moderately Sorted TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Coarse Sand

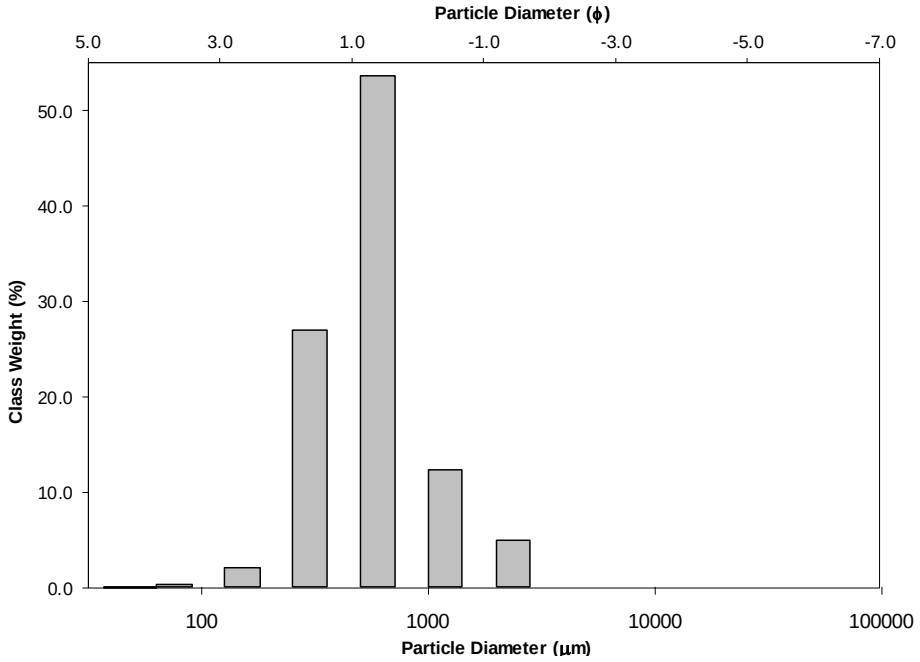
	μm	ϕ
MODE 1:	605.0	0.747
MODE 2:	302.5	1.747
MODE 3:	1200.0	-0.243
D_{10}:	275.6	-0.272
MEDIAN or D_{50}:	571.4	0.808
D_{90}:	1207.2	1.860
(D_{90} / D_{10}):	4.381	-6.846
(D_{90} - D_{10}):	931.6	2.131
(D_{75} / D_{25}):	2.009	2.757
(D_{75} - D_{25}):	337.7	1.006

GRAIN SIZE DISTRIBUTION

GRAVEL:	4.8%	COARSE SAND:	53.8%
SAND:	95.1%	MEDIUM SAND:	27.0%
MUD:	0.1%	FINE SAND:	2.1%
		V FINE SAND:	0.3%
V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.1%
COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
FINE GRAVEL:	0.0%	FINE SILT:	0.0%
V FINE GRAVEL:	4.8%	V FINE SILT:	0.0%
V COARSE SAND:	11.9%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN ($\bar{x}$):	667.9	551.3	0.859	557.6	0.843	Coarse Sand
SORTING (σ):	471.0	1.775	0.828	1.755	0.812	Moderately Sorted
SKEWNESS (Sk):	2.379	0.283	-0.283	-0.001	0.001	Symmetrical
KURTOSIS (K):	9.049	4.013	4.013	0.989	0.989	Mesokurtic

GRAIN SIZE DISTRIBUTION



S3U2

SAMPLE STATISTICS

SAMPLE IDENTITY: **S3U2** ANALYST & DATE: , 15 Agustus 2023

SAMPLE TYPE: Trimodal, Moderately Sorted TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Coarse Sand

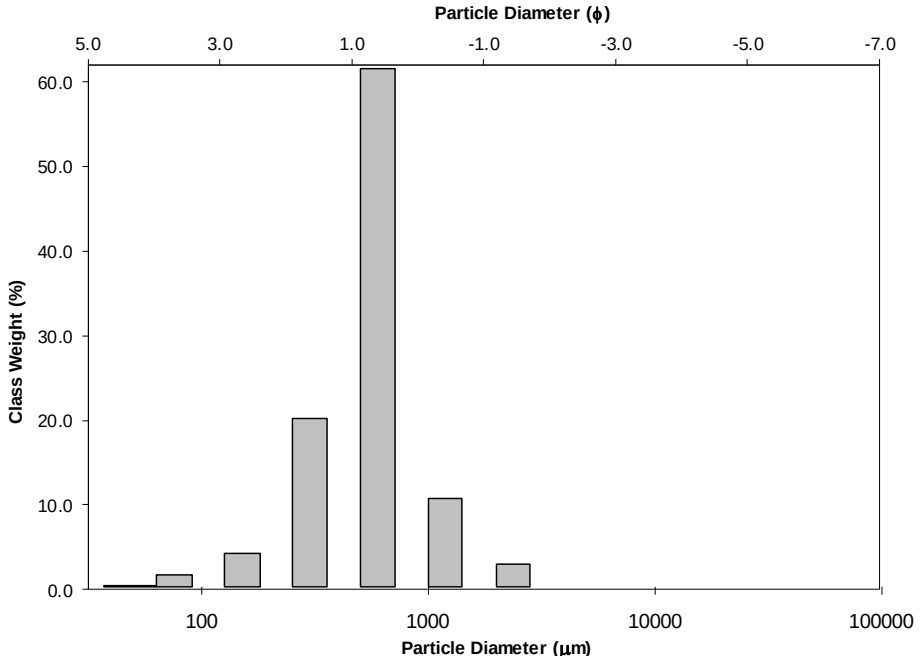
	μm	ϕ
MODE 1:	605.0	0.747
MODE 2:	302.5	1.747
MODE 3:	1200.0	-0.243
D_{10}:	268.9	-0.131
MEDIAN or D_{50}:	573.8	0.801
D_{90}:	1095.4	1.895
(D_{90} / D_{10}):	4.074	-14.412
(D_{90} - D_{10}):	826.6	2.027
(D_{75} / D_{25}):	1.894	2.547
(D_{75} - D_{25}):	312.4	0.921

GRAIN SIZE DISTRIBUTION

GRAVEL:	2.7%	COARSE SAND:	61.4%
SAND:	97.1%	MEDIUM SAND:	20.1%
MUD:	0.2%	FINE SAND:	4.2%
		V FINE SAND:	1.4%
V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.2%
COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
FINE GRAVEL:	0.0%	FINE SILT:	0.0%
V FINE GRAVEL:	2.7%	V FINE SILT:	0.0%
V COARSE SAND:	10.0%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN ($\bar{x}$):	624.5	525.4	0.929	492.4	1.022	Medium Sand
SORTING (σ):	391.6	1.780	0.832	1.685	0.753	Moderately Sorted
SKEWNESS (Sk):	2.594	-0.546	0.546	-0.373	0.373	Very Fine Skewed
KURTOSIS (K):	12.08	5.188	5.188	1.313	1.313	Leptokurtic

GRAIN SIZE DISTRIBUTION



S3U3

SAMPLE STATISTICS

SAMPLE IDENTITY: **S3U3** ANALYST & DATE: , 15 Agustus 2023

SAMPLE TYPE: Bimodal, Moderately Sorted TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Coarse Sand

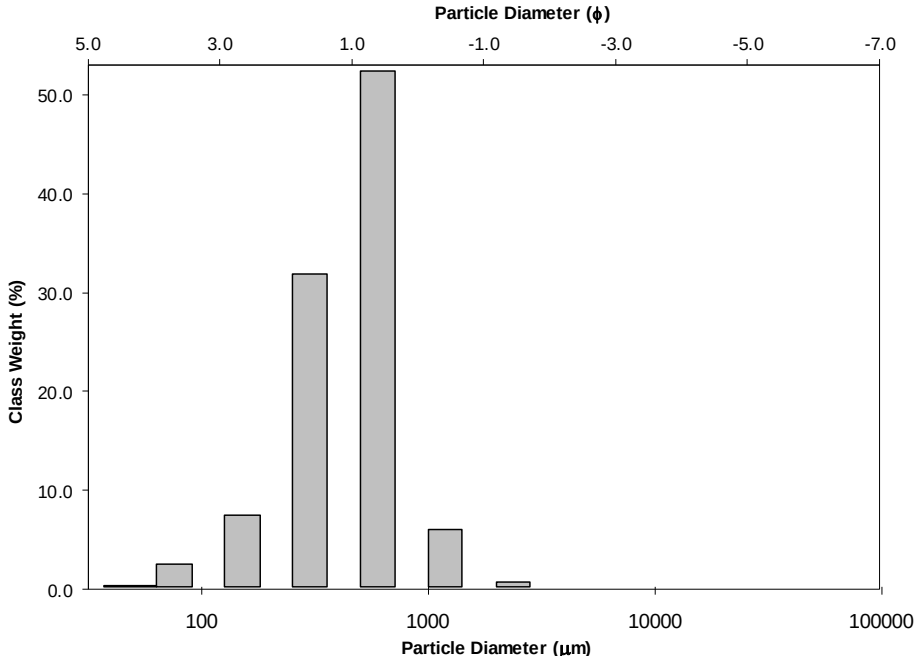
	μm	ϕ
MODE 1:	605.0	0.747
MODE 2:	302.5	1.747
MODE 3:		
D_{10}:	177.2	0.532
MEDIAN or D_{50}:	528.2	0.921
D_{90}:	691.6	2.496
(D_{90} / D_{10}):	3.902	4.692
(D_{90} - D_{10}):	514.4	1.964
(D_{75} / D_{25}):	2.124	2.603
(D_{75} - D_{25}):	330.8	1.087

GRAIN SIZE DISTRIBUTION

GRAVEL:	0.5%	COARSE SAND:	52.0%
SAND:	99.1%	MEDIUM SAND:	31.5%
MUD:	0.3%	FINE SAND:	7.6%
		V FINE SAND:	2.4%
V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.3%
COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
FINE GRAVEL:	0.0%	FINE SILT:	0.0%
V FINE GRAVEL:	0.5%	V FINE SILT:	0.0%
V COARSE SAND:	5.6%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN ($\bar{x}$):	503.6	426.0	1.231	453.8	1.140	Medium Sand
SORTING (σ):	281.3	1.797	0.845	1.711	0.775	Moderately Sorted
SKEWNESS (Sk):	2.180	-0.760	0.760	-0.403	0.403	Very Fine Skewed
KURTOSIS (K):	13.79	4.233	4.233	1.109	1.109	Mesokurtic

GRAIN SIZE DISTRIBUTION



S4U1

SAMPLE STATISTICS

SAMPLE IDENTITY: **S4U1** ANALYST & DATE: , 15 Agustus 2023

SAMPLE TYPE: Bimodal, Moderately Sorted TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Coarse Sand

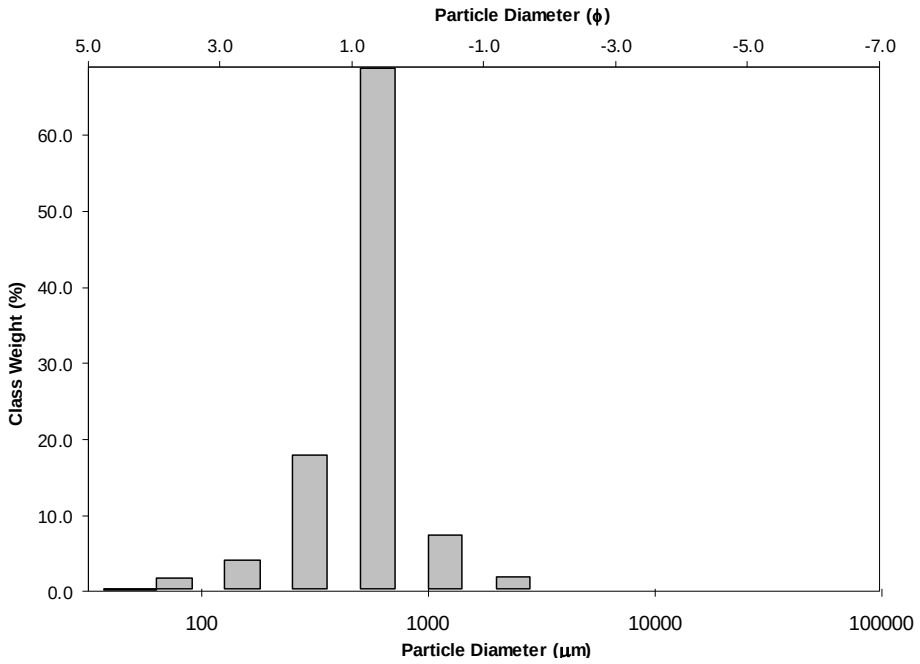
	μm	ϕ
MODE 1:	605.0	0.747
MODE 2:	302.5	1.747
MODE 3:		
D_{10}:	273.8	0.506
MEDIAN or D_{50}:	573.9	0.801
D_{90}:	704.1	1.869
(D_{90} / D_{10}):	2.572	3.692
(D_{90} - D_{10}):	430.3	1.363
(D_{75} / D_{25}):	1.291	1.598
(D_{75} - D_{25}):	147.1	0.369

GRAIN SIZE DISTRIBUTION

GRAVEL:	1.5%	COARSE SAND:	68.6%
SAND:	98.4%	MEDIUM SAND:	17.6%
MUD:	0.0%	FINE SAND:	3.9%
		V FINE SAND:	1.5%
V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
FINE GRAVEL:	0.0%	FINE SILT:	0.0%
V FINE GRAVEL:	1.5%	V FINE SILT:	0.0%
V COARSE SAND:	6.8%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN ($\bar{x}$):	593.8	518.0	0.949	494.4	1.016	Medium Sand
SORTING (σ):	318.1	1.676	0.745	1.632	0.706	Moderately Sorted
SKEWNESS (Sk):	2.934	-0.893	0.893	-0.406	0.406	Very Fine Skewed
KURTOSIS (K):	16.98	6.191	6.191	3.080	3.080	Extremely Leptokurtic

GRAIN SIZE DISTRIBUTION



S4U2

SAMPLE STATISTICS

SAMPLE IDENTITY: **S4U2** ANALYST & DATE: , 15 Agustus 2023

SAMPLE TYPE: Bimodal, Moderately Well Sorted TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Coarse Sand

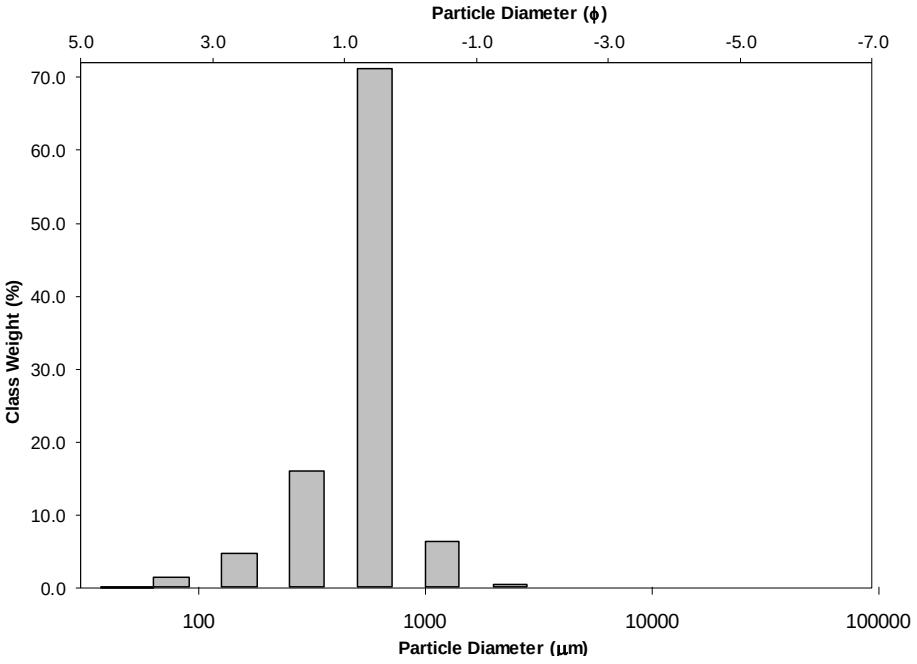
	μm	ϕ
MODE 1:	605.0	0.747
MODE 2:	302.5	1.747
MODE 3:		
D_{10}:	270.6	0.519
MEDIAN or D_{50}:	572.9	0.804
D_{90}:	697.8	1.886
(D_{90} / D_{10}):	2.579	3.632
(D_{90} - D_{10}):	427.2	1.367
(D_{75} / D_{25}):	1.279	1.568
(D_{75} - D_{25}):	141.6	0.356

GRAIN SIZE DISTRIBUTION

GRAVEL:	0.4%	COARSE SAND:	71.1%
SAND:	99.6%	MEDIUM SAND:	16.0%
MUD:	0.0%	FINE SAND:	4.9%
		V FINE SAND:	1.5%
V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
FINE GRAVEL:	0.0%	FINE SILT:	0.0%
V FINE GRAVEL:	0.4%	V FINE SILT:	0.0%
V COARSE SAND:	6.1%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN ($\bar{x}$):	570.1	506.7	0.981	493.0	1.020	Medium Sand
SORTING (σ):	249.8	1.639	0.713	1.623	0.699	Moderately Well Sorted
SKEWNESS (Sk):	2.063	-1.338	1.338	-0.450	0.450	Very Fine Skewed
KURTOSIS (K):	15.20	6.302	6.302	3.159	3.159	Extremely Leptokurtic

GRAIN SIZE DISTRIBUTION



S4U3

SAMPLE STATISTICS

SAMPLE IDENTITY: **S4U3** ANALYST & DATE: , 15 Agustus 2023

SAMPLE TYPE: Bimodal, Moderately Sorted TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Coarse Sand

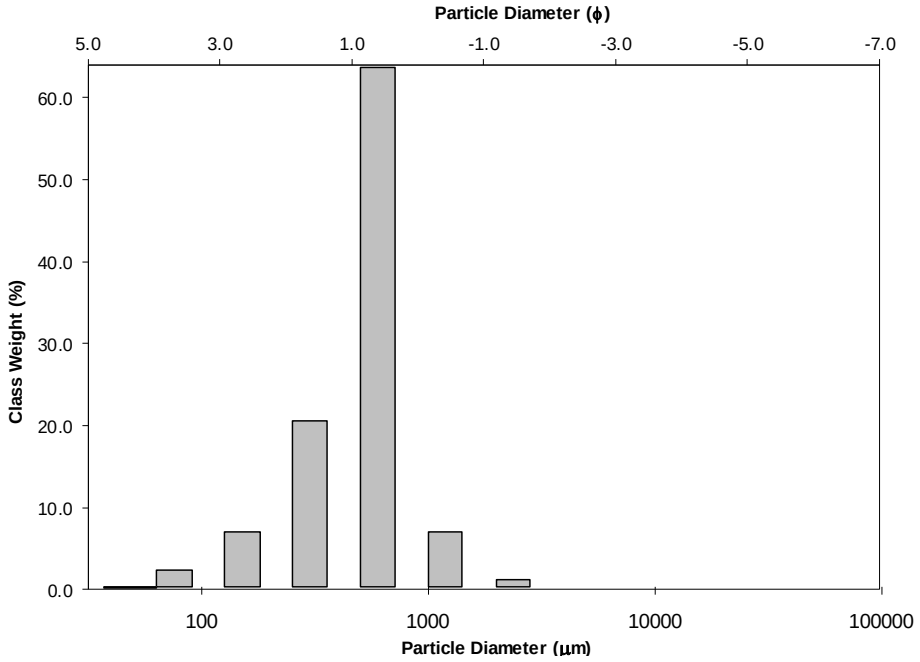
	μm	ϕ
MODE 1:	605.0	0.747
MODE 2:	302.5	1.747
MODE 3:		
D_{10}:	253.6	0.516
MEDIAN or D_{50}:	560.3	0.836
D_{90}:	699.3	1.980
(D_{90} / D_{10}):	2.758	3.836
(D_{90} - D_{10}):	445.7	1.463
(D_{75} / D_{25}):	1.958	2.524
(D_{75} - D_{25}):	314.8	0.969

GRAIN SIZE DISTRIBUTION

GRAVEL:	0.8%	COARSE SAND:	63.3%
SAND:	99.0%	MEDIUM SAND:	20.3%
MUD:	0.1%	FINE SAND:	7.0%
		V FINE SAND:	2.1%
V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.1%
COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
FINE GRAVEL:	0.0%	FINE SILT:	0.0%
V FINE GRAVEL:	0.8%	V FINE SILT:	0.0%
V COARSE SAND:	6.4%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN ($\bar{x}$):	553.6	474.6	1.075	474.1	1.077	Medium Sand
SORTING (σ):	293.5	1.763	0.818	1.699	0.765	Moderately Sorted
SKEWNESS (Sk):	2.378	-0.994	0.994	-0.445	0.445	Very Fine Skewed
KURTOSIS (K):	15.17	4.922	4.922	1.251	1.251	Leptokurtic

GRAIN SIZE DISTRIBUTION



S5U1

SAMPLE STATISTICS

SAMPLE IDENTITY: **S5U1** ANALYST & DATE: , 15 Agustus 2023

SAMPLE TYPE: Bimodal, Moderately Sorted TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

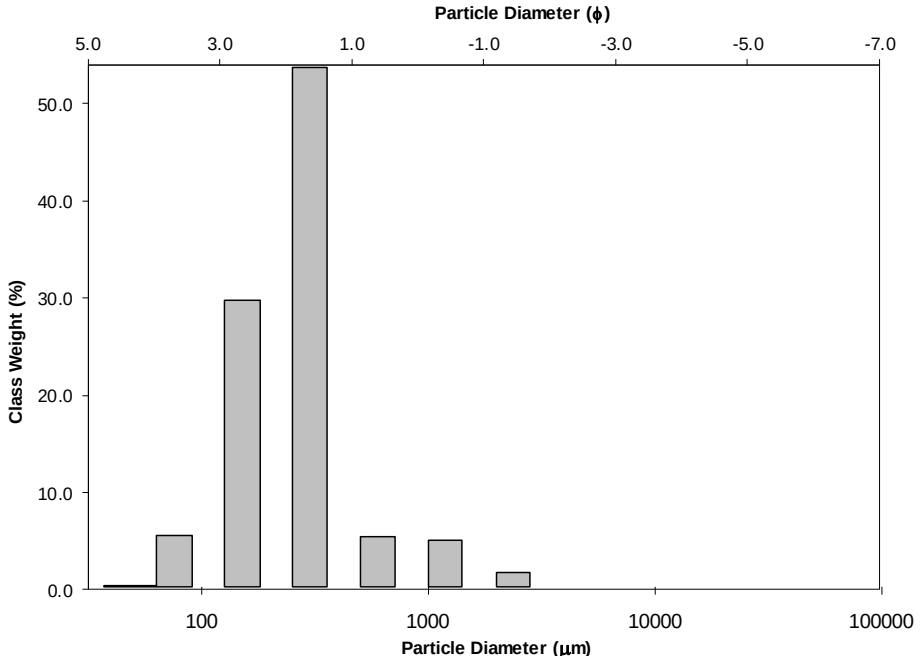
	μm	ϕ
MODE 1:	302.5	1.747
MODE 2:	152.5	2.737
MODE 3:		
D_{10}:	131.7	0.878
MEDIAN or D_{50}:	274.4	1.865
D_{90}:	543.9	2.924
(D_{90} / D_{10}):	4.129	3.329
(D_{90} - D_{10}):	412.2	2.046
(D_{75} / D_{25}):	2.053	1.638
(D_{75} - D_{25}):	166.2	1.038

GRAIN SIZE DISTRIBUTION

GRAVEL:	1.5%	COARSE SAND:	5.1%
SAND:	98.3%	MEDIUM SAND:	52.8%
MUD:	0.2%	FINE SAND:	30.3%
		V FINE SAND:	5.4%
V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.2%
COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
FINE GRAVEL:	0.0%	FINE SILT:	0.0%
V FINE GRAVEL:	1.5%	V FINE SILT:	0.0%
V COARSE SAND:	4.6%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN ($\bar{x}$):	332.6	254.8	1.973	237.3	2.075	Fine Sand
SORTING (σ):	341.4	1.890	0.918	1.832	0.873	Moderately Sorted
SKEWNESS (Sk):	4.036	0.826	-0.826	-0.203	0.203	Fine Skewed
KURTOSIS (K):	22.09	4.965	4.965	1.442	1.442	Leptokurtic

GRAIN SIZE DISTRIBUTION



S5U2

SAMPLE STATISTICS

SAMPLE IDENTITY: **S5U2** ANALYST & DATE: , 15 Agustus 2023

SAMPLE TYPE: Trimodal, Moderately Sorted TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Coarse Sand

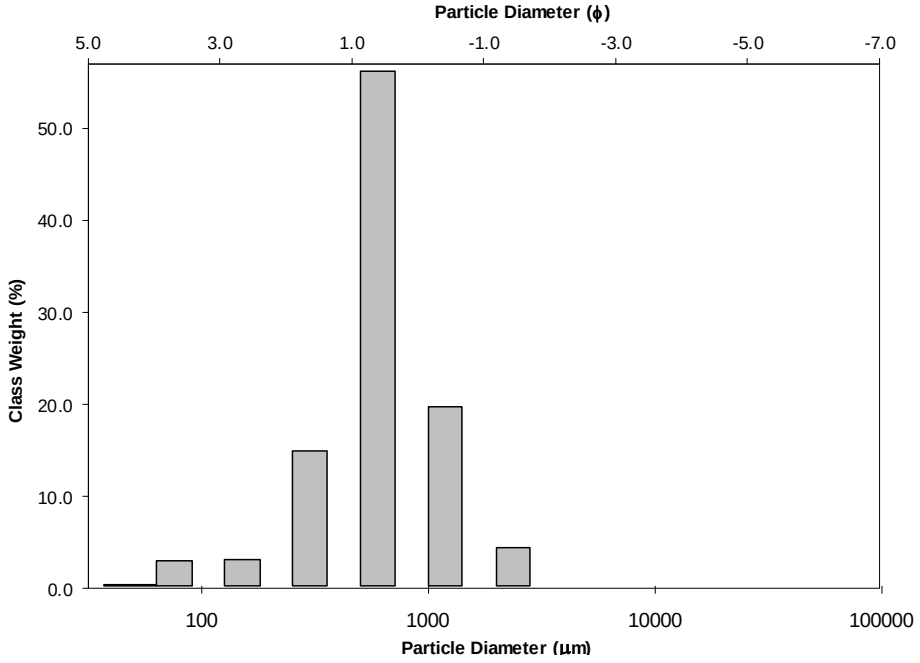
	μm	ϕ
MODE 1:	605.0	0.747
MODE 2:	1200.0	-0.243
MODE 3:	302.5	1.747
D_{10}:	274.6	-0.331
MEDIAN or D_{50}:	599.4	0.738
D_{90}:	1257.5	1.865
(D_{90} / D_{10}):	4.579	-5.642
(D_{90} - D_{10}):	982.9	2.195
(D_{75} / D_{25}):	1.365	1.874
(D_{75} - D_{25}):	187.4	0.449

GRAIN SIZE DISTRIBUTION

GRAVEL:	4.0%	COARSE SAND:	56.3%
SAND:	95.8%	MEDIUM SAND:	14.8%
MUD:	0.2%	FINE SAND:	3.1%
		V FINE SAND:	2.8%
V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.2%
COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
FINE GRAVEL:	0.0%	FINE SILT:	0.0%
V FINE GRAVEL:	4.0%	V FINE SILT:	0.0%
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 ($\bar{x}$):	714.2	582.2	0.781	598.3	0.741	Coarse Sand
SORTING (σ):	460.0	1.919	0.940	1.906	0.930	Moderately Sorted
SKEWNESS (Sk):	1.939	-0.762	0.762	-0.117	0.117	Fine Skewed
KURTOSIS (K):	7.716	4.965	4.965	2.839	2.839	Very Leptokurtic

GRAIN SIZE DISTRIBUTION



S5U3

SAMPLE STATISTICS

SAMPLE IDENTITY: **S5U3** ANALYST & DATE: , 15 Agustus 2023

SAMPLE TYPE: Trimodal, Moderately Sorted TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Coarse Sand

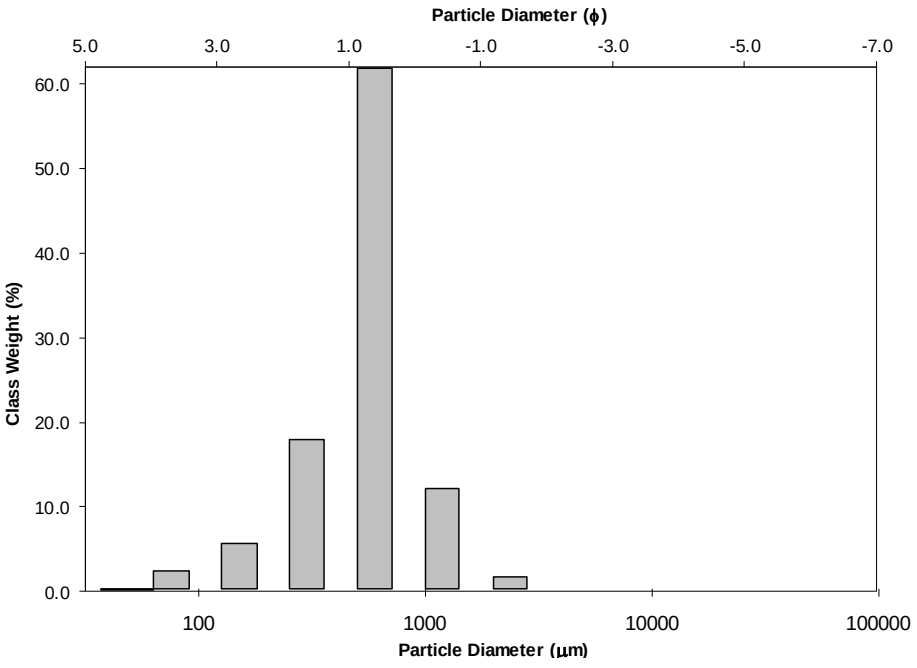
	μm	ϕ
MODE 1:	605.0	0.747
MODE 2:	302.5	1.747
MODE 3:	1200.0	-0.243
D_{10}:	261.1	-0.121
MEDIAN or D_{50}:	574.7	0.799
D_{90}:	1087.8	1.937
(D_{90} / D_{10}):	4.166	-15.950
(D_{90} - D_{10}):	826.7	2.059
(D_{75} / D_{25}):	1.886	2.541
(D_{75} - D_{25}):	311.3	0.915

GRAIN SIZE DISTRIBUTION

GRAVEL:	1.5%	COARSE SAND:	61.6%
SAND:	98.5%	MEDIUM SAND:	17.7%
MUD:	0.1%	FINE SAND:	5.6%
		V FINE SAND:	2.2%
V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.1%
COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
FINE GRAVEL:	0.0%	FINE SILT:	0.0%
V FINE GRAVEL:	1.5%	V FINE SILT:	0.0%
V COARSE SAND:	11.4%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN ($\bar{x}$):	608.4	513.9	0.961	490.3	1.028	Medium Sand
SORTING (σ):	348.3	1.804	0.851	1.714	0.777	Moderately Sorted
SKEWNESS (Sk):	2.224	-0.856	0.856	-0.407	0.407	Very Fine Skewed
KURTOSIS (K):	11.58	4.930	4.930	1.376	1.376	Leptokurtic

GRAIN SIZE DISTRIBUTION



Lampiran 6. Tekstur sedimen.

Stasiun	Jenis Tekstur			Klas Tekstur
	Pasir (%)	Debu (%)	Liat (%)	
S1U1	87	8	5	Pasir Berlempung
S1U2	88	5	7	Pasir Berlempung
S1U3	84	9	6	Pasir Berlempung
S2U1	54	35	11	Lempung Berpasir
S2U2	88	5	7	Pasir Berlempung
S2U3	85	9	6	Pasir Berlempung
S3U1	88	5	7	Pasir Berlempung
S3U2	81	13	6	Pasir Berlempung
S3U3	84	5	11	Pasir Berlempung
S4U1	26	63	11	Lempung Berdebu
S4U2	56	27	16	Lempung Berpasir
S4U3	69	22	10	Lempung Berpasir
S5U1	18	71	11	Lempung Berdebu
S5U2	27	57	16	Lempung Berdebu
S5U3	20	65	15	Lempung Berdebu

Stasiun	Pasir (%)	Debu (%)	Liat (%)	Total (%)
1	86.62	7.36	6.02	100
2	75.67	16.33	8	100
3	84.33	7.67	8	100
4	50.33	37.33	12.33	100
5	21.67	64.33	14	100

Lampiran 7. Hasil uji tekstur.

KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET DAN TEKNOLOGI
UNIVERSITAS HASANUDDIN
FAKULTAS PERTANIAN
DEPARTEMEN ILMU TANAH
LABORATORIUM KIMIA DAN KESUBURAN TANAH
Jl. Perintis Kemerdekaan KM. 10 Kampus UNHAS Tamalanrea Makassar 90245

HASIL ANALISIS CONTOH TANAH

Nomor : 0286.T.LKKT/2023
Permintaan : Dwinahdah Asti Adiningsih
Asal Contoh/Lokasi : Muara Sungai Jeneberang
O b j e k : Penelitian
Tgl.Penerimaan : 7 September 2023
Tgl.Pengujian : 19 September 2023
J u m l a h : 15 Contoh Tanah Terganggu

Nomor Contoh			Tekstur (pipet)			
Urut	Laboratorium	Pengirim	Pasir	Debu	Liat	Kias Tekstur
			——— % ———			
1	DW 1	S1.1	87	8	5	Pasir berlempung
2	DW 2	S1.2	88	5	7	Pasir berlempung
3	DW 3	S1.3	84	9	6	Pasir berlempung
4	DW 4	S2.1	54	35	11	Lempung berpasir
5	DW 5	S2.2	88	5	7	Pasir berlempung
6	DW 6	S2.3	85	9	6	Pasir berlempung
7	DW 7	S3.1	88	5	7	Pasir berlempung
8	DW 8	S3.2	81	13	6	Pasir berlempung
9	DW 9	S3.3	84	5	11	Pasir berlempung
10	DW 10	S4.1	26	63	11	Lempung berdebu
11	DW 11	S4.2	56	27	16	Lempung berpasir
12	DW 12	S4.3	69	22	10	Lempung berpasir
13	DW 13	S5.1	18	71	11	Lempung berdebu
14	DW 14	S5.2	27	57	16	Lempung berdebu
15	DW 15	S5.3	20	65	15	Lempung berdebu

Catatan :
Hasil pengujian ini hanya berlaku bagi contoh yang diuji dan tidak untuk dipertanyak dimana pengambilan contoh tanah tersebut tidak dilakukan oleh pihak Laoratorium Kima dan Kesuburan Tanah

Makassar, 4 Oktober 2023
Kepala Laboratorium

Dr. Ir. Hj. Muh. Jayadi, MP
Nip. 19580926 198601 1 001

Lampiran 8. Uji normalitas.

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Variabel	.183	15	.189	.926	15	.234

a. Lilliefors Significance Correction

Lampiran 9. Uji *one way ANOVA* kelimpahan mikroplastik.

Descriptives

Kelimpahan MP

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
1	3	6.67	5.774	3.333	-7.68	21.01	0	10
2	3	40.00	17.321	10.000	-3.03	83.03	20	50
3	3	43.33	15.275	8.819	5.39	81.28	30	60
4	3	70.00	34.641	20.000	-16.05	156.05	50	110
5	3	66.67	30.551	17.638	-9.22	142.56	40	100
Total	15	45.33	30.675	7.920	28.35	62.32	0	110

Test of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Kelimpahan MP	Based on Mean	2.883	4	10	.079
	Based on Median	.385	4	10	.814
	Based on Median and with adjusted df	.385	4	4.861	.812
	Based on trimmed mean	2.510	4	10	.108

ANOVA

Kelimpahan MP

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	7773.333	4	1943.333	3.599	.046
Within Groups	5400.000	10	540.000		
Total	13173.333	14			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Variabel

Tukey HSD

(I) Stasiun	(J) Stasiun	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Lower Bound	95% Confidence Interval Upper Bound
1	2	-33.333	18.974	.446	-95.78	29.11
	3	-36.667	18.974	.361	-99.11	25.78
	4	-63.333*	18.974	.046	-125.78	-.89
	5	-60.000	18.974	.061	-122.44	2.44
2	1	33.333	18.974	.446	-29.11	95.78
	3	-3.333	18.974	1.000	-65.78	59.11
	4	-30.000	18.974	.539	-92.44	32.44
	5	-26.667	18.974	.638	-89.11	35.78
3	1	36.667	18.974	.361	-25.78	99.11
	2	3.333	18.974	1.000	-59.11	65.78
	4	-26.667	18.974	.638	-89.11	35.78
	5	-23.333	18.974	.736	-85.78	39.11
4	1	63.333*	18.974	.046	.89	125.78
	2	30.000	18.974	.539	-32.44	92.44
	3	26.667	18.974	.638	-35.78	89.11
	5	3.333	18.974	1.000	-59.11	65.78
5	1	60.000	18.974	.061	-2.44	122.44
	2	26.667	18.974	.638	-35.78	89.11
	3	23.333	18.974	.736	-39.11	85.78
	4	-3.333	18.974	1.000	-65.78	59.11

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

MPsedimen

			Subset for alpha = 0.05	
	Stasiun	N	1	2
Tukey HSD[a]	1	3	6.67	
	2	3	40.00	40.00
	3	3	43.33	43.33
	4	3	66.67	66.67
	5	3		70.00
	Sig.		.061	.539
Duncan[a]	1	3	6.67	
	2	3	40.00	40.00
	3	3	43.33	43.33
	4	3		66.67
	5	3		70.00
	Sig.		.094	.171

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 10. Dokumentasi pengambilan data lapangan.

Pengambilan sampel sedimen

Pengukuran kecepatan arus

Lampiran 11. Dokumentasi laboratorium.

Pengambilan sampel sedimen

Pengeringan sampel sedimen

Penyaringan sampel sedimen

Pengambilan sampel sedimen

Pengamatan sampel

Menghaluskan sampel sedimen

Menimbang berat sampel

Mencatat berat sampel

Pengayakan sampel sedimen

Lampiran 12. Foto tim lapangan.

FORMAT CURRICULUM VITAE

A. Data Pribadi

1. Nama : Dwinahdah Asti Adiningsih Irdiyan
2. Tempat, tgl. lahir : Makassar, 14 Juni 2001
3. Alamat : BTN. PAPAN LESTARI A2 7
4. Kewarganegaraan : Warga Negara Indonesia

B. Riwayat Pendidikan

1. Tamat SD tahun 2013 di SD Negri 3 Maros
2. Tamat SMP tahun 2016 di SMPN 2 Maros
3. Tamat SMA tahun 2019 di SMAN 1 Maros

C. Pekerjaan dan Riwayat Pekerjaan

- Jenis pekerjaan : -
- NIP atau identitas lain (NIK) : -
- Pangkat/Jabatan : -