

Stream Name	Hilawe	<b>Stream Mapping Data Sheet</b> 
Date	10/27/05	
Start Time	12:10 p.m.	
GPS reading (0 m)	<del>WPT: 364 N: 20.08818° W: 155.60052°</del>	
GPS reading (100 m)	WPT: 363 N: 20.10672° W: 155.59641°	
Observers	Lauren Inaba Tre Spencer Javen Tavati	
Comments	WPT: 364 N 20.10665° W 155.59596°  BR = big rock	

Transect # 1	0 m	1 m	2 m	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m	11 m	12 m	13 m
Est. Depth	0.2	0.7	0.8	1.0	1.7	1.4	2.1							
Water Speed	S	M	M	M	M	M	M							
Substrate Size	S	M	M	M	S	L	L							
Other maj. feat.	SB						SB							

Transect # 2	0 m	1 m	2 m	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m	11 m	12 m	13 m
Est. Depth	0.35	0.7	0.55	1.65	1.65	1.4								
Water Speed	SM	M	M	M	M	M								
Substrate Size	S	M	L	L	M	ML								
Other maj. feat.	SB					SB								

Transect # 3	0 m	1 m	2 m	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m	11 m	12 m	13 m
Est. Depth	0.3	0.5	0.9	1.3	0.7	0	0.4	0.6						
Water Speed	S	M	M	M	M	0	F	S						
Substrate Size	S	M	M	L	L	L	M	S						
Other maj. feat.	SB					BR		SB						

Transect #	0 m	1 m	2 m	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m	11 m	12 m	13 m
Est. Depth														
Water Speed														
Substrate Size														
Other maj. feat.														

Transect #	0 m	1 m	2 m	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m	11 m	12 m	13 m
Est. Depth														
Water Speed														
Substrate Size														
Other maj. feat.														

Transect #	0 m	1 m	2 m	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m	11 m	12 m	13 m
Est. Depth														
Water Speed														
Substrate Size														
Other maj. feat.														

Water Speed (fast, medium, slow)

Substrate Size (small, medium, large)

Stream Name	Hi'ilawe stream	<b>Stream Mapping Data Sheet</b> 
Date	10-27-2005	
Start Time	1:54	
GPS reading (0 m)	WPT 366 n 20.10	
GPS reading (100 m)	N-20-10616 W-185-59625	
Observers	Kanoa, Kaimanani, Makaiwa, Tode	
Comments		

Transect # 1	0 m	1 m	2 m	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m	11 m	12 m	13 m
Est. Depth	.05		.55	1.05	.06	1.1	.2	1.4	.6					
Water Speed	slow		m	m	m	m	m	m	m					
Substrate Size	small	m/L	m	m	L	L	L	m	S					
Other maj. feat.	S.B.	BR							S.B.					

Transect # 2	0 m	1 m	2 m	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m	11 m	12 m	13 m
Est. Depth	0.5	0.65	1.15	1.2	1.5	0	0.75	0.45	0	0.25				
Water Speed	medium	medium fast	medium	medium	medium	0	medium	medium	0	medium				
Substrate Size	medium	small	small	large	medium	large	medium	medium	medium	small				
Other maj. feat.	S.B.					boulder			rock	S.B.				

Transect # 3	0 m	1 m	2 m	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m	11 m	12 m	13 m
Est. Depth	0.4	0.45	0.8	0.25	1.0	0.95	0.85	0						
Water Speed	S	S	m	m	m	m	m	0						
Substrate Size	m	m/s	m/s	L	L	m	m	m						
Other maj. feat.	S.B.	S.B.	S.B.	S.B.	S.B.			S.B.						

Transect #	0 m	1 m	2 m	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m	11 m	12 m	13 m
Est. Depth														
Water Speed														
Substrate Size														
Other maj. feat.														

Transect #	0 m	1 m	2 m	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m	11 m	12 m	13 m
Est. Depth														
Water Speed														
Substrate Size														
Other maj. feat.														

Transect #	0 m	1 m	2 m	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m	11 m	12 m	13 m
Est. Depth														
Water Speed														
Substrate Size														
Other maj. feat.														

Water Speed (fast, medium, slow)

Substrate Size (small, medium, large)

Stream Name	Hirilawe	<b>Stream Mapping Data Sheet</b> 
Date	10/27/05	
Start Time	2:45	
GPS reading (0 m)	20.10618°	
GPS reading (100 m)	155.69605°	
Observers	Chris, Samantha, George	
Comments	WPT 368 N-20.10610° W-155.69601°	

Transect #	0 m	1 m	2 m	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m	11 m	12 m	13 m
Est. Depth	0.05	0.8	7.5	0.45	1.1	0.8	0.9	0.55						
Water Speed	Slow	S-M	Med	M-F	Fast	Fast	Med.	Med.						
Substrate Size	Small	Sm.	Sm.	Med.	Large	Large	Large	Small						
Other maj. feat.	SB	—	—	—	—	—	—	—						

Transect #	0 m	1 m	2 m	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m	11 m	12 m	13 m
Est. Depth	0.55	1	.95	.5	1.3	.6	.05	0	0	0				
Water Speed	Slow	M	M	<del>Fast</del>	Fast	M	M	0	0	0				
Substrate Size	large	large	Small	large	large	Fast	Small	Small	Small	Small				
Other maj. feat.	SB	—	—	—	—	—	—	Island	Island	SB				

Transect #	0 m	1 m	2 m	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m	11 m	12 m	13 m
Est. Depth	0.05	0.05	0.7	<del>0.7</del>	1.2	1.6	2.4	.3	.25	0	.5	0	0	
Water Speed	Slow	Slow	Medium	<del>Fast</del>	F	F	F	S	S	0	F	0	0	
Substrate Size	Small	Small	<del>Small</del>	<del>Small</del>	L	L	L	S	S	L	S	L	L	
Other maj. feat.	SB	—	—	Small	—	—	—	—	—	Rock	—	Rock	Rock	

Transect #	0 m	1 m	2 m	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m	11 m	12 m	13 m
Est. Depth														
Water Speed														
Substrate Size														
Other maj. feat.														

Transect #	0 m	1 m	2 m	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m	11 m	12 m	13 m
Est. Depth														
Water Speed														
Substrate Size														
Other maj. feat.														

Transect #	0 m	1 m	2 m	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m	11 m	12 m	13 m
Est. Depth														
Water Speed														
Substrate Size														
Other maj. feat.														

Water Speed (fast, medium, slow)

Substrate Size (small, medium, large)

