

## APPENDIX

Appendix A. Reach summary data for drains surveyed during non-irrigation season, February-March, 2001.

Drain	Reach	Length (m)	Avg. Width (m)	Avg. Depth (m)	Avg. % Embedded	% Shade	Ave. Depth			Ave. % Silt & Sand	Ave. % Gravel & Cobble	
							pool	rifle	glide			
Corral	1	709	2.5	0.2	26	94	0.50	0.21	0.20	23	77	
	2	--	--	--	--	--	--	--	--	--	--	
	3	652	2.2	0.2	44	64	0.43	0.09	0.19	43	58	
	4	1450	2.2	0.3	60	68	0.20	0.09	0.18	77	23	
Granger	1	481	5.1	0.6	58	52	1.20	0.33	0.41	67	33	
	2	840	3.5	0.6	78	44	1.05	0.33	0.54	77	20	
	3	215	3.2	0.6	77	34	1.10	0.30	0.62	82	16	
	4	1907	3.4	0.6	71	45	1.14	0.32	0.30	93	6	
	5	367	1.7	0.4	46	74	0.75	0.35	0.30	82	18	
	6	156	2.3	0.3	100	59	--	--	0.30	100	0	
JD 27.5	1	100	2.2	0.2	100	51	--	--	0.15	100	0	
JD 28.0	1	100	3.1	0.2	100	50	0.15	--	--	100	0	
Moxee	1	1239	4.8	0.5	57	25	0.81	0.26	0.49	70	29	
	2	471	3.3	0.4	36	42	--	0.25	0.45	84	16	
	3	1124	4.1	0.4	45	47	0.18	0.73	0.31	46	63	
	4	1695	3.1	0.5	79	56	0.30	0.84	0.40	89	10	
Snipes	1	176	3.8	0.3	13	42	0.63	0.20	0.24	19	79	
	2	543	2.8	0.2	20	57	0.37	0.16	0.20	11	74	
	3	115	2.8	0.2	26	67	0.42	0.12	0.27	18	76	
	4	229	2.8	0.2	23	71	0.43	0.12	0.23	16	79	
	5	1389	2.4	0.3	21	82	0.52	0.24	0.23	25	77	
	6	803	2.1	0.3	17	74	0.50	0.11	0.23	25	55	
	7	2272	3.4	0.5	29	58	0.50	0.12	0.41	76	24	
	8	1025	3.0	0.3	38	44	0.50	0.10	0.05	45	50	
Spring	1	1262	3.3	0.4	19	26	0.54	0.20	0.30	18	76	
	2	925	3.9	0.4	39	56	0.70	0.16	0.58	23	78	
	3	690	3.3	0.4	58	75	0.65	0.19	0.31	40	60	
	4	642	3.1	0.3	13	42	0.48	0.16	0.30	58	33	
	5	818	3.2	0.4	69	42	0.59	0.16	0.28	56	45	
	6	840	0.8	0.3	90	--	1.45	0.09	0.25	0	0	
Sulphur	1	3905	7.0	0.7	49	26	--	0.53	0.85	62	38	
	2	1615	5.6	0.7	87	42	1.10	0.33	0.65	54	24	
	3	462	7.5	0.5	83	33	--	0.33	0.65	76	24	
	4	2080	5.3	0.4	71	27	0.71	0.30	0.46	46	54	
	5	2386	5.0	0.4	70	19	0.88	0.24	0.36	48	50	
	6	759	7.6	0.4	59	29	1.45	0.09	0.25	65	33	
	JD 33.4	1	3844	3.3	0.6	65	31	1.24	0.40	0.46	50	12
	JD 35.4	1	1211	1.9	0.2	48	57	0.55	0.12	0.17	92	8
	JD 35.4*	1	1916	2.6	0.2	--	--	--	--	--	--	6
	JD 37.9	1	1596	2.0	0.3	69	54	0.55	0.18	0.29	94	6
	JD 40.2	1	1325	2.5	0.4	79	36	1.45	0.21	0.35	93	3
		2	2192	2.9	0.4	87	32	0.76	0.23	0.32	99	2
		3	681	2.9	0.6	73	43	0.00	0.30	0.72	98	0
		4	534	2.6	0.4	98	50	0.80	0.30	0.32	95	33
		5	439	2.0	0.4	75	63	0.66	0.16	0.29	65	56
		6	391	2.1	0.3	57	61	0.43	0.39	0.25	44	59
		7	603	2.3	0.3	32	47	0.60	0.16	0.24	41	60
		8	1200	1.7	0.1	35	13	0.10	0.00	0.00	35	8
	JD 43.9	1	3320	3.3	0.5	76	23	0.83	0.38	0.40	93	0
		2	701	3.3	0.6	86	41	1.30	0.25	0.35	99	7
3		610	2.6	0.4	65	19	--	--	0.35	92	3	
4		632	1.8	0.2	59	32	0.70	0.15	0.18	97	0	
5		920	--	--	--	--	--	--	--	0	24	
JD 44.9	6	1682	1.7	0.3	44	50	0.54	0.17	0.20	76	19	
	1	1610	1.9	0.4	59	24	1.15	0.21	0.35	82	2	
JD 46.4	2	704	2.1	0.6	74	49	1.00	0.30	0.36	98	13	
	1	1627	2.0	0.3	34	32	--	--	0.28	74	0	

Appendix B. Mean percent slope, percent unit type, and substrate for each reach identified during our survey of 5 drains in the lower Yakima Basin.

Drain	Reach	Mean % Slope	% Unit Type					% Substrate						
			Pool	Riffle	Glide	Fall	Beaver	Silt	Sand	Gravel	Cobble	Boulder	Bedrock	
Corral	1	1.31	2	74	25	0	0	2	21	60	17	0	0	
	2	--	--	--	--	--	--	--	--	--	--	--	--	
	3	0.73	13	52	35	0	0	26	17	34	24	0	0	
	4	0.86	24	9	5	0	62	61	16	10	13	2	0	
Granger	1	0.11	8	10	82	0	0	33	34	32	1	0	0	
	2	0.35	11	36	54	0	0	22	55	14	6	1	0	
	3	0.14	13	13	73	1	0	26	56	9	7	1	0	
	4	0.33	4	10	86	0	0	31	62	5	1	1	0	
	5	0.5	8	67	25	0	0	25	57	17	1	0	0	
	6	0	0	0	100	0	0	30	70	0	0	0	0	
JD 27.5	1	0	0	0	100	0	0	70	30	0	0	0	0	
JD 28.0	1	0	100	0	0	0	0	60	40	0	0	0	0	
Moxee	1	0.37	25	29	45	0	0	53	17	15	14	0	0	
	2	0.38	0	11	89	0	0	55	29	8	8	0	0	
	3	0.36	18	31	37	14	0	12	34	40	23	0	0	
	4	0.51	14	17	69	0	0	35	54	6	4	1	0	
Snipes	1	0.73	10	49	41	0	0	13	6	44	35	2	0	
	2	1.2	7	90	3	0	0	7	4	43	31	14	0	
	3	0.9	10	69	21	0	0	16	2	42	34	5	0	
	4	0.93	13	80	7	0	0	13	3	52	27	5	0	
	5	0.7	10	77	7	0	6	19	6	43	34	1	0	
	6	1.06	17	70	9	0	4	15	10	35	20	2	2	
	7	0.96	5	23	1	0	71	59	17	12	12	0	0	
	8	1.29	10	87	3	0	0	32	13	19	31	5	0	
Spring	1	1.52	16	79	5	0	0	2	16	50	26	5	1	
	2	0.44	6	86	8	0	0	4	19	51	27	0	0	
	3	0.58	12	79	8	0	0	6	34	42	18	0	0	
	4	0.44	13	82	5	0	0	28	30	27	6	0	0	
	5	0.51	26	48	26	0	0	11	45	28	17	0	0	
	6	1	0	0	0	0	0	0	0	0	0	0	0	
Sulphur	1	0.58	0	31	69	0	0	39	23	5	33	0	0	
	2	0.27	4	4	93	0	0	47	7	1	23	0	0	
	3	0.5	0	23	77	0	0	57	19	5	19	0	0	
	4	0.33	3	68	29	0	0	10	36	24	30	0	0	
	5	0.25	4	67	29	0	0	9	39	21	29	0	0	
	6	0.33	17	9	74	0	0	28	37	16	17	3	0	
	JD 33.4	1	0.27	4	12	84	0	0	37	13	6	6	0	0
	JD 35.4	1	0.2	2	9	88	0	0	61	31	5	3	0	0
	JD 37.9	1	0.47	1	8	91	0	0	53	41	4	2	0	0
	JD 40.2	1	0.35	2	9	89	0	0	32	61	2	4	0	0
	2	0.56	3	6	90	0	0	31	68	2	1	0	0	
	3	0.4	0	7	93	0	0	65	33	1	1	0	0	
	4	0.5	3	2	95	0	0	41	54	0	0	0	0	
	5	0.14	20	37	42	0	0	22	43	33	0	0	0	
	6	0.35	42	33	24	0	2	11	33	52	4	0	0	
	7	0.31	4	75	21	0	0	11	30	52	7	0	0	
	8	0.5	100	0	0	0	0	10	25	25	35	5	0	
	JD 43.9	1	0.64	2	5	93	0	0	58	35	5	3	0	0
	2	0.08	3	2	96	0	0	40	59	0	0	0	0	
	3	0	0	0	100	0	0	50	42	7	0	0	0	
4	0.14	0	5	94	0	0	64	33	3	0	0	0		
2	5	--	--	--	--	--	--	--	--	--	--	--		
6	1.29	29	38	31	1	0	15	61	20	4	1	0		
JD 44.9	1	0.56	1	6	93	0	0	30	52	15	4	0	0	
2	0.6	6	42	52	0	0	32	66	2	0	0	0		
JD 46.4	1	1.2	5	46	47	1	0	37	37	9	4	0	2	

<sup>1</sup> Private property, no access

Appendix C. Observations for each reach identified during our survey of 5 drains in the lower Yakima Basin.

Stream	Date	Reach	Active Channel		Channel Form	Vall Form	Land Form		Vegetation								Azimuth		Vegetative Altitude (deg)			
			Width (m)	Height (m)			Left	Right	Dominant	Subdominant	Height Left (m)	Height Right (m)	Density Left	Density Right	Offset Left (m)	Offset Right (m)	360deg	Left	Right	Left	Right	Shade (%)
Snipes	2/21/2001	1	23	8.5	TC	MT	LT	HT	ANNUALS	ANNUALS	2.4	3	H	H	0	0	174	17	19	35	40	41.7
Snipes	2/21/2001	2	5.1	0.45	TC	MT	HT	HT	ANNUALS	DECIDUOUS	1.9	2.5	H	H	0.5	0.5	164	18	38	45	58	57.2
Snipes	2/21/2001	3	4.5	0.4	TC	MT	HT	HT	DECIDUOUS	ANNUALS	12	12	M	M	2	2	150	29	32	70	50	66.7
Snipes	2/21/2001	4	4.4	0.4	TC	MT	HT	HT	ANNUALS	DECIDUOUS	2	2	H	H	0	0	180	19	22	66	61	70.6
Snipes	2/22/2001	5	3.8	0.4	CL	CT	HT	HT	ANNUALS	SHRUBS	3	3	H	H	0	0	204	40	45	75	72	81.7
Snipes	2/22/2001	6	3.5	0.35	CL	CT	HT	HT	ANNUALS	DECIDUOUS	12	10	H	H	0	0	180	14	13	69	64	73.9
Snipes	2/23/2001	7	9.2	0.9	CA	CT	WM	WM	SHRUBS	ANNUALS	7	7	M	M	1	1	182	11	22	50	55	58.3
Snipes	2/23/2001	8	6.2	0.75	TC	CT	HT	HT	SHRUBS	ANNUALS	5	5	M	H	1.5	1.5	180	9	15	35	45	44.4
Spring	2/24/2001	1	4.8	0.5	TC	CT	HT	HT	ANNUALS	DECIDUOUS	1	1	M	M	0	0	104	7	8	22	24	25.6
Spring	2/24/2001	2	4.5	0.8	CL	CT	HT	RF	ANNUALS	ANNUALS	1.8	1.8	H	H	0	0	90	2	7	50	50	55.6
Spring	2/24/2001	3	4.7	0.7	TC	CT	HT	HT	ANNUALS	ANNUALS	2.2	2.5	H	H	0	0	148	6	7	65	70	75.0
Spring	2/25/2001	4	4.5	0.55	TC	CT	HT	HT	ANNUALS	ANNUALS	0.7	0.7	M	M	0	0	174	4	4	45	30	41.7
Spring	2/25/2001	5	3.6	0.45	TC	CT	HT	HT	ANNUALS	ANNUALS	1.1	1.1	L	L	0	0	168	13.5	12	37	38	41.7
Sulphur	2/26/2001	1	11	1.5	CL	CT	RF	RF	SHRUBS	ANNUALS	2.5	2.5	H	H	0.5	0.5	186	19	23	23	23	25.6
Sulphur	2/26/2001	2	9	0.95	CL	CT	RF	RF	ANNUALS	SHRUBS	2.4	2.4	H	H	0	0	220	30	40	35	40	41.7
Sulphur	2/26/2001	3	10.4	0.9	CL	CT	RF	RF	ANNUALS	SHRUBS	2.4	2.4	H	H	0	0	192	30	25	30	29	32.8
Sulphur	2/26/2001	4	8.5	0.9	CL	CT	RF	RF	ANNUALS	SHRUBS	1.9	1.3	H	H	0	0	196	23	22	25	24	27.2
Sulphur	2/26/2001	5	6.5	0.75	CL	CT	RF	RF	ANNUALS	SHRUBS	1.5	1.6	H	H	0	0	206	22	20	17	17	18.9
Sulphur	2/28/2001	6	5.9	0.25	CL	CT	RF	RF	SHRUBS	ANNUALS	1.5	1.5	H	H	1.8	0.5	169	21	23	29	23	28.9
JD 33.4	2/28/2001	1	4.3	0.5	CL	CT	HT	HT	ANNUALS	SHRUBS	1.3	1.3	H	H	0	0	171	28	26	32	24	31.1
JD 43.9	3/1/2001	1	6.5	0.6	CL	CT	HT	HT	SHRUBS	ANNUALS	0.75	0.75	M	M	0	0	288	27.5	27.5	21	20	22.8
JD 43.9	3/1/2001	2	3.6	0.55	CL	CT	HT	HT	ANNUALS	SHRUBS	0.8	0.8	H	H	0	0	278	34	34	37	37	41.1
JD 43.9	3/1/2001	3	4.2	0.4	CL	CT	HT	HT	ANNUALS	SHRUBS	0.45	0.45	H	H	0	0	262	34	31	17	17	18.9
JD 43.9	3/2/2001	4	5.2	0.35	CL	CT	HT	HT	ANNUALS	SHRUBS	0.9	0.9	M	M	0	0	218	29	26	31	26	31.7
JD 43.9	3/2/2001	6	1.6	0.5	TC	CT	HT	HT	SHRUBS	ANNUALS	1.1	1.2	M	H	0	0	238	35	35	45	45	50.0
JD 44.9	3/2/2001	1	5.3	0.25	CL	CT	HT	HT	ANNUALS	SHRUBS	0.8	0.8	M	M	0	0	251	25	21	21	22	23.9
JD 44.9	3/2/2001	2	3.9	0.35	CL	CT	HT	HT	ANNUALS	SHRUBS	0.8	0.8	H	H	0	0	258	32	35	48	41	49.4
JD 46.4	3/3/2001	1	4.8	0.25	TC	CT	HT	HT	ANNUALS	SHRUBS	0.55	0.7	H	H	0	0	294	24	29	21	36	31.7
JD 40.2	3/3/2001	1	4.1	0.4	CL	CT	RF	HT	SHRUBS	ANNUALS	1.7	0.14	M	M	0	0	261	34	42	36	28	35.6
JD 40.2	3/3/2001	2	3.4	0.3	CL	CT	HT	HT	ANNUALS	SHRUBS	1.2	0.7	H	H	0	0	242	27	25	32	26	32.2
JD 40.2	3/4/2001	3	3.5	0.45	CL	CT	HT	HT	ANNUALS	ANNUALS	1.4	1.4	H	H	0	0	220	29	28	31	46	42.8
JD 40.2	3/7/2001	4	4.6	0.6	CL	CT	HT	HT	DECIDUOUS	ANNUALS	2.4	2.4	H	H	0	0	176	23	35	45	45	50.0
JD 40.2	3/7/2001	5	2.9	0.3	CA	CT	LT	HT	ANNUALS	SHRUBS	2.1	2.1	H	H	0	0	171	31	37	58	55	62.8
JD 40.2	3/7/2001	6	5.9	0.3	US	MT	HT	HT	ANNUALS	ANNUALS	2	2	H	H	0	0	190	18	22	55	55	61.1
JD 40.2	3/7/2001	7	3.8	0.4	US	MT	HT	HT	ANNUALS	DECIDUOUS	30	0	L	L	10	0	249	19	15	69	15	46.7
JD 40.2	3/7/2001	8	2.6	0.25	US	MT	LT	LT	ANNUALS	ANNUALS	0.25	0.25	M	M	0	0	239	17	18	11	12	12.8
JD 35.4	3/7/2001	1	3	0.5	CL	CT	HT	HT	ANNUALS	SHRUBS	1.5	1.5	M	M	0	0	169	35	35	55	47	56.7
JD 37.9	3/9/2001	1	4.5	0.5	CL	CT	HT	HT	SHRUBS	ANNUALS	2.1	1.5	M	M	0	0	258	26	24	54	44	54.4
Granger MS	3/8/2001	1	7.6	1	CL	CT	HT	HT	DECIDUOUS	ANNUALS	20	20	M	M	0	0	201	37	25	49	44	51.7
Granger MS	3/8/2001	2	4.5	0.4	CL	CT	HT	HT	SHRUBS	ANNUALS	1.7	1.7	L	L	0	0	240	22	24	40	39	43.9
Granger MS	3/8/2001	3	5.5	0.4	CL	CT	HT	RF	SHRUBS	ANNUALS	1.7	0.8	H	L	0	0	270	31	29	33	29	34.4
Granger MS	3/8/2001	4	5.1	0.55	CL	CT	RF	RF	SHRUBS	ANNUALS	2.5	2.1	M	M	0	0	276	21	26	45	36	45.0
Granger MS	3/8/2001	5	2.5	0.7	CL	CT	HT	HT	ANNUALS	SHRUBS	4.5	3	H	M	0	0	305	65	69	60	74	74.4
Granger MS	3/8/2001	6	2.8	0.6	CL	CT	HT	HT	SHRUBS	ANNUALS	3	2.3	M	M	0	0	300	45	45	50	56	58.9
JD 28	3/11/2001	1	8.9	0.4	CL	CT	HT	HT	ANNUALS	ANNUALS	2.2	2.2	H	H	0	0	190	20	21	44	48	51.1
JD 27.5	3/11/2001	1	4.1	0.45	CL	CT	HT	HT	ANNUALS	ANNUALS	1.7	1.2	H	M	0	0	206	22	38	48	42	50.0

Stream	Date	Reach	Active Channel		Channel Form	Valley Form	Land Form		Vegetation								Azimuth			Vegetative Altitude (deg)		
			Width (m)	Height (m)			Left	Right	Dominant	Subdominant	Height Left (m)	Height Right (m)	Density Left	Density Right	Offset Left (m)	Offset Right (m)	360deg	Left	Right	Left	Right	Shade (%)
Moxee	2/28/2001	1	6.2	0.75	CL	CT	HT	HT	ANNUALS	ANNUALS	0	0	L	L	0	0				20	25	25.0
Moxee	2/28/2001	2	5.4	0.6	CL	CT	HT	HT	ANNUALS	ANNUALS	1.1	1.4	L	L	0	0				40	35	41.7
Moxee	3/11/2001	3	4.5	0.3	CL	CT	HT	HT	SHRUBS	ANNUALS	3.5	2.1	H	H	0	0		27	23	45	40	47.2
Moxee	3/11/2001	4	4.4	0.45	CL	CT	HT	HT	SHRUBS	ANNUALS	4	4	H	H	0	0		39	40	50	50	55.6
Corral	3/13/2001	1	3.6	0.35	TC	CT	HT	HT	DECIDUOUS	ANNUALS	12	12	H	H	0.7	0.7	195	20	18	85	85	94.4
Corral	3/13/2001	3	3.2	0.35	CA	CT	LT	LT	DECIDUOUS	ANNUALS	10	10	M	M	0.5	0.5	180	20	21	58	58	64.4
Corral	3/14/2001	4	2.8	0.3	CA	CT	HT	HT	ANNUALS	SHRUBS	2	2	H	H	0	0	180	26	30	61	62	68.3

Appendix D. Habitat survey codes for variable observations.

<p><b>BANK CLASS CODES:</b>          NE: non-erodible          BC: Boulder cobble          VS: Vegetatively stabilized          AE: Actively eroding</p>	<p><b>WOOD CLASS:</b>          1: Woody debris absent or very low          2: Wood present but contributes little to habitat complexity          3: Wood provides cover at low to moderate discharges          4: Good cover for fish for most flow levels          5: Highly complex habitat provided at all flow levels</p>
<p><b>LAND FORM</b>          HT: High Terrace          LT: Low terrace          WM: Wetland-Meadow          RF: Road-fill (rip-rap)          HS: Hill slope</p>	<p><b>CHANNEL FORM:</b>          TC: Terrace constrained          CL: Constrained by land use          CA: Constrained by alternating hillslope/terrace          US: Unconstrained; mostly single channel</p>
<p><b>VALLEY FORM</b>          MT: Multiple terraces          CT: Constraining Terraces          WF: Wide active flood plain</p>	<p><b>STEP CODES:</b>          SR: Step over bedrock/hardpan          SB: Step over boulder          SC: Step over face of cobble bar          SL: Step over log          SD: Step created by structure          SD: Step created by beaver dam</p>
<p><b>COMMENT CODES</b>          BC: Bridge crossing          BD: Beaver dam          BV: Beaver activity          CC: Culvert crossing          CS: Channelized streambanks          DJ: Debris jam          FC: Fence crossing          GS: Guaging station          GZ: Grazing          HS: Artificial structure/habitat          SS: Spring or seep          TJ: Tributary Junction          UD: Unscreened diversion          WL: Wildlife use of stream          US: unsampled</p>	<p><b>CHANNEL TYPE:</b>          00: Primary channel          01: Split channel primary          02: Split channel secondary          10: Tributary main channel</p>

Appendix E. Data recorded for each habitat unit identified during our survey of Moxxe, Granger, Sulpher, Snipes, and Corral Drains in the lower Yakima Basin. Unit type codes are presented in figure 5. See appendix D for codes on other habitat variables.

Date	Sub-basin	Drain	Channel		Unit	Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate						Active Wood	Wood Classes	Cover Score	
			type	Reach		Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organics	Sand	Gravel	Cobble	Boulder	Bedrock			Vertical	Horizontal
2/20/2001	Snipes	Snipes	00	1	1	0	0	3	1.5	2.6	0.2	17.9	VS	VS	5	40	0	20	40	0	0	0	1	L	L
2/20/2001	Snipes	Snipes	00	1	2	0	1	1	0	4.4	0.3	12	VS	VS	15	10	0	15	70	5	0	0	1	L	L
2/20/2001	Snipes	Snipes	01	1	3	0	0	5	--	6.1	1.1	4.5	--	--	5	5	0	70	25	0	0	--	--	--	--
2/20/2001	Snipes	Snipes	01	1	4	0	1	1	0	4.3	0.25	10.1	VS	VS	10	25	0	35	35	5	0	0	1	L	L
2/20/2001	Snipes	Snipes	01	1	5	0	0	5	--	--	--	2	--	--	--	--	--	--	--	--	--	--	--	--	--
2/20/2001	Snipes	Snipes	01	1	6	1	1	3	0	3	0.4	5	VS	VS	5	40	0	20	40	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	01	1	7	1	1	0	0	3.4	0.4	6	BC	VS	10	25	25	20	30	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	01	1	8	0	0	3	1.5	3.2	0.2	9	AE	VS	5	10	10	40	40	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	01	1	9	0	1	1	0	2.5	0.2	9	AE	VS	65	35	35	15	15	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	01	1	10	0	1	1	0	3.6	0.3	12	VS	VS	45	30	25	10	30	5	0	0	1	L	L
2/21/2001	Snipes	Snipes	02	1	11	0	0	3	2.5	2.2	0.2	27	VS	VS	5	5	5	50	40	0	0	0	1	L	M
2/21/2001	Snipes	Snipes	00	1	12	0	0	3	0.5	4.4	0.25	8	VS	VS	5	5	0	60	35	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	1	13	0	0	3	2.5	5.2	0.15	12	VS	AE	0	0	0	40	55	5	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	1	14	0	0	3	0.5	3.6	0.2	19	VS	AE	0	0	5	70	25	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	1	15	0	1	1	0.5	4.1	0.15	22	VS	VS	5	5	5	80	10	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	2	1	0	0	3	2	3.3	0.1	68	VS	VS	5	10	0	70	20	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	2	2	1	0	2	0	2.9	0.4	8	VS	VS	5	20	0	20	45	15	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	2	3	0	0	3	1.5	4	0.1	51	VS	VS	5	5	5	30	40	20	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	2	4	0	1	1	0	2.1	0.2	10	VS	VS	25	0	5	80	15	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	2	5	0	0	3	2	3	0.15	10	VS	VS	0	5	0	45	40	10	0	1	L	L	
2/21/2001	Snipes	Snipes	00	2	6	1	0	2	0	2.3	0.4	4.6	VS	VS	30	10	5	40	35	10	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	2	7	0	0	3	2.5	4.2	0.1	49.8	VS	VS	5	0	5	20	60	15	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	2	8	1	0	2	0	2.5	0.35	7.3	BC	VS	50	15	10	30	25	20	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	2	9	0	0	3	1.5	3.2	0.1	148	VS	VS	5	5	5	40	20	30	0	0	1	L	M
2/21/2001	Snipes	Snipes	00	2	10	1	0	4	0	3.1	0.4	9	VS	VS	30	25	10	35	30	0	0	8	4	M	L
2/21/2001	Snipes	Snipes	00	2	11	0	0	3	5.5	2.6	0.15	10.7	VS	VS	5	5	0	75	20	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	2	12	1	0	4	0	3.6	0.4	5.9	VS	VS	35	40	20	20	20	0	0	1	3	M	L
2/21/2001	Snipes	Snipes	00	2	13	0	0	3	2.5	2.9	0.1	30.1	VS	VS	0	5	0	40	45	10	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	2	14	0	1	1	0	2.1	0.2	8.7	VS	VS	40	10	15	50	25	0	0	0	1	M	L
2/21/2001	Snipes	Snipes	00	2	15	0	0	3	0.5	2.3	0.1	23.4	VS	VS	15	5	5	45	45	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	2	16	1	0	4	0	2.2	0.35	6.1	VS	VS	40	10	25	30	30	5	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	2	17	0	0	3	1.5	1.9	0.15	26	VS	VS	5	15	5	40	40	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	2	18	2	3	na	4	3.4	0.6	20.9	BC	BC	25	10	10	10	20	50	0	0	1	M	M
2/21/2001	Snipes	Snipes	00	2	19	0	0	3	1.5	2.7	0.15	40.1	VS	VS	20	10	0	70	20	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	2	20	1	0	2	0	2.3	0.3	5.2	VS	VS	10	10	0	40	40	10	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	2	21	0	0	3	1.5	2.7	0.15	58.1	VS	VS	10	5	5	60	30	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	2	22	0	1	1	0	2.6	0.2	7.5	VS	VS	70	40	10	25	25	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	3	1	0	0	3	1.5	2.3	0.1	24.4	VS	VS	5	5	0	45	45	5	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	3	2	1	0	4	0	2.8	0.45	7.4	VS	VS	50	50	0	25	25	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	3	3	0	0	3	1.5	3.9	0.1	26.7	VS	VS	5	0	5	40	50	5	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	3	4	0	1	1	0	2.3	0.2	16.7	VS	VS	25	25	10	40	20	5	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	3	5	0	0	3	2	3.7	0.1	6.6	VS	VS	5	15	0	60	25	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	3	6	1	0	2	0	3.2	0.4	5.4	VS	VS	10	25	10	20	40	15	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	3	7	1	1	0	0	2.8	0.4	3.7	BC	VS	10	25	25	25	10	15	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	3	8	0	0	3	4	1.5	0.1	12.9	BC	VS	5	0	10	15	60	0	15	0	1	L	L
2/21/2001	Snipes	Snipes	00	3	9	0	1	1	0	2.6	0.25	5	BC	VS	30	20	10	40	30	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	3	10	0	0	3	2.5	3.3	0.1	14.4	VS	VS	0	5	0	45	50	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	3	11	1	0	2	0	2.3	0.4	7.5	VS	BC	75	40	5	25	25	5	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	3	12	0	0	3	2	3	0.15	45.3	VS	VS	15	10	0	60	25	5	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	3	13	0	1	1	0	3.4	0.25	11.1	VS	BC	30	40	0	45	10	5	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	3	14	0	0	3	1.5	1.9	0.1	9.5	VS	BC	0	10	0	50	40	0	0	0	1	L	L

Date	Sub-basin	Drain	Channel		Unit	Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate					Active Wood	Wood Class	Cover Score		
			type	Reach		Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organics	Sand	Gravel	Cobble	Boulder			Bedrock	Wood	Vertical
2/21/2001	Snipes	Snipes	00	3	15	1	0	4	0	1.9	0.35	2.5	VS	AE	40	25	0	40	20	15	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	3	16	0	0	3	2.5	2.8	0.15	57.9	VS	VS	10	5	0	50	40	5	0	0	2	M	L
2/21/2001	Snipes	Snipes	00	3	17	0	1	1	0	4.1	0.4	17.8	AE	AE	80	40	0	30	25	5	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	3	18	0	1	0	0	2.1	0.25	9.6	VS	VS	70	60	10	10	10	10	0	0	2	M	L
2/21/2001	Snipes	Snipes	00	3	19	0	0	3	0.5	2.6	0.15	13.2	VS	BC	30	30	0	30	25	15	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	3	20	1	0	4	0	3.2	0.5	4.5	VS	BC	20	20	10	10	40	20	0	2	4	H	M
2/21/2001	Snipes	Snipes	00	4	1	0	0	3	2.5	2.5	0.1	21.2	VS	VS	5	15	0	60	25	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	4	2	1	0	4	0	1.7	0.4	3.6	VS	VS	60	40	0	40	20	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	4	3	0	0	3	2	2.9	0.15	21.9	VS	VS	5	10	0	75	10	5	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	4	4	1	0	2	0	2.1	0.45	5.3	VS	AE	30	25	10	10	40	15	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	4	5	0	0	3	1	3.1	0.15	31.7	VS	VS	20	15	10	65	10	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	4	6	0	1	1	0	2.2	0.2	9.3	AE	VS	65	60	0	20	20	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	4	7	0	0	3	2	2.7	0.15	26.9	VS	VS	5	0	0	45	40	15	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	4	8	1	0	2	0	3.4	0.4	5.9	VS	VS	50	25	0	40	35	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	4	9	0	0	3	1.5	2.7	0.1	6.7	VS	VS	5	5	0	45	45	10	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	4	10	0	1	1	0	3.6	0.25	7.2	VS	VS	30	70	0	10	10	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	4	11	0	0	3	2	2.8	0.1	18.6	VS	VS	10	5	0	45	45	5	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	4	12	1	0	2	0	2.3	0.4	10.7	VS	BC	10	25	0	30	30	15	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	4	13	0	0	3	2	3	0.1	55.3	VS	VS	5	0	5	60	30	5	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	4	14	1	0	5	0	4.1	0.5	5	VS	VS	20	25	0	20	50	5	0	0	1	M	M
2/21/2001	Snipes	Snipes	00	5	1	0	0	3	0.5	3	0.15	28.9	NE	NE	20	0	20	75	5	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	5	2	1	0	2	0	4.3	0.6	16.7	VS	VS	80	60	20	20	0	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	5	3	0	0	3	2	1.8	0.15	27.7	VS	VS	10	10	0	40	50	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	5	4	1	0	4	0	3	0.4	11.6	VS	VS	30	50	10	25	15	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	5	5	0	0	3	1.5	2.3	0.15	21.6	VS	VS	10	5	5	50	40	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	5	6	1	1	0	0	2.1	0.5	5	VS	BC	10	10	5	5	20	60	0	0	1	H	H
2/21/2001	Snipes	Snipes	00	5	7	0	0	3	2	2.2	0.2	89.8	VS	VS	15	20	5	40	30	5	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	5	8	0	0	5	--	--	0.8	0.8	--	--	--	--	--	--	--	--	--	--	--	--	--
2/21/2001	Snipes	Snipes	00	5	9	1	1	1	0	4.1	1	45.1	VS	VS	100	70	10	5	15	0	0	1	3	M	M
2/21/2001	Snipes	Snipes	00	5	10	0	0	3	0.5	1.8	0.15	9.7	VS	VS	15	15	10	60	15	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	5	11	1	0	4	0	2.2	0.5	5.6	VS	VS	25	30	10	40	20	0	0	0	1	M	L
2/21/2001	Snipes	Snipes	00	5	12	0	0	3	2	1.1	1.5	17.4	VS	VS	0	0	0	60	40	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	5	13	1	0	7	0	3.4	0.75	11.6	VS	BC	15	20	10	40	30	0	0	0	1	L	L
2/21/2001	Snipes	Snipes	00	5	14	0	0	3	2	2.3	0.15	23.7	VS	VS	5	0	10	50	40	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	5	15	0	1	0	0	2.2	0.2	5.9	VS	VS	20	40	10	40	10	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	5	16	0	0	3	1.5	1.7	1.5	18.3	VS	VS	5	5	5	70	20	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	5	17	1	0	7	0	1.6	0.65	12.2	AE	VS	40	25	10	25	40	0	0	1	2	M	L
2/22/2001	Snipes	Snipes	00	5	18	0	0	5	--	--	0.25	2.2	--	--	--	--	--	--	--	--	--	--	--	--	--
2/22/2001	Snipes	Snipes	00	5	19	1	0	4	0	2.3	0.7	8.1	VS	VS	40	30	20	45	5	0	0	0	3	M	L
2/22/2001	Snipes	Snipes	00	5	20	0	0	3	1	1.7	0.1	21.8	VS	VS	40	20	40	30	10	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	5	21	0	1	1	0	1.9	0.2	14.4	AE	AE	60	50	10	30	10	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	5	22	0	0	3	3	2.6	0.1	14.1	VS	VS	10	25	10	50	15	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	5	23	1	0	7	0	2.3	0.4	10.8	VS	VS	5	20	10	40	30	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	5	24	0	0	3	1.5	2.7	0.1	38.6	AE	VS	10	10	10	60	20	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	5	25	1	0	7	0	2.1	0.5	8.9	VS	AE	25	80	0	20	0	0	0	0	1	M	L
2/22/2001	Snipes	Snipes	00	5	26	0	0	5	--	--	0.1	1.2	--	--	--	--	--	--	--	--	--	--	--	--	--
2/22/2001	Snipes	Snipes	00	5	27	1	0	7	0	3.1	0.65	6.8	VS	AE	40	75	5	15	5	0	0	0	2	M	L
2/22/2001	Snipes	Snipes	01	5	28	0	0	3	1	2.6	0.1	5.8	VS	VS	5	5	5	50	40	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	01	5	29	1	0	4	0	1.9	0.4	2	VS	VS	15	30	0	35	35	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	02	5	30	Side channel	--	--	--	4.2	--	7.8	--	--	--	--	--	--	--	--	--	--	--	--	--
2/22/2001	Snipes	Snipes	02	5	31	0	0	3	2	3	0.1	5.5	AE	AE	5	5	0	80	15	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	02	5	32	0	1	1	0	3	0.25	6.1	AE	AE	35	50	0	30	20	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	02	5	33	0	0	3	2	2	0.15	265	VS	AE	5	5	0	50	45	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	02	5	34	0	1	1	0	2.6	0.2	13.4	VS	AE	30	40	10	30	20	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	02	5	35	0	0	3	1.5	3.3	0.1	82	AE	AE	15	5	10	70	15	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	02	5	36	0	1	1	0	2.2	0.25	7.3	AE	VS	30	50	0	25	25	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	02	5	37	0	0	3	1.5	2.3	0.1	19.8	VS	VS	10	20	5	65	10	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	02	5	38	0	1	1	0	2.6	0.2	15.8	VS	VS	30	40	0	60	10	0	0	0	1	L	L

Date	Sub-basin	Drain	Channel		Unit	Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate					Active Wood	Wood Class	Cover Score		
			type	Reach		Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organics	Sand	Gravel	Cobble	Boulder			Bedrock	Wood	Vertical
2/22/2001	Snipes	Snipes	02	5	39	0	0	3	1	2.1	0.1	38	VS	VS	15	15	5	65	15	0	0	0	1	M	L
2/22/2001	Snipes	Snipes	02	5	40	1	0	4	0	2.1	0.5	10.3	VS	VS	10	40	10	20	30	0	0	0	3	M	M
2/22/2001	Snipes	Snipes	02	5	41	0	0	3	1	2.4	0.1	94.5	VS	VS	5	15	5	30	50	0	0	0	3	M	L
2/22/2001	Snipes	Snipes	02	5	42	0	1	1	0	2.4	0.25	6.7	VS	VS	15	40	5	15	40	0	0	0	2	M	M
2/22/2001	Snipes	Snipes	02	5	43	0	3	3	1.5	2.3	0.1	64.6	VS	VS	5	5	5	30	6	0	0	0	2	L	L
2/22/2001	Snipes	Snipes	02	5	44	0	1	1	0	2.5	0.3	7.5	VS	VS	20	40	5	25	30	0	0	0	2	M	L
2/22/2001	Snipes	Snipes	00	5	45	0	0	3	1	2.6	0.1	35.4	VS	VS	5	15	5	20	60	0	0	0	1	M	L
2/22/2001	Snipes	Snipes	00	5	46	1	0	4	0	2.1	0.3	8.3	VS	VS	10	50	0	20	30	0	0	1	3	M	M
2/22/2001	Snipes	Snipes	00	5	47	0	0	3	1	2.1	0.15	26.5	VS	VS	10	10	0	20	70	0	0	0	4	H	M
2/22/2001	Snipes	Snipes	00	5	48	1	1	0	0	2.6	0.4	4.8	VS	VS	25	40	10	30	20	0	0	2	4	H	H
2/22/2001	Snipes	Snipes	00	5	49	0	0	3	1.5	2.4	0.1	29.8	VS	VS	10	5	5	20	70	0	0	3	4	H	H
2/22/2001	Snipes	Snipes	00	5	50	0	1	1	0	1.8	0.25	6.3	VS	VS	40	40	10	10	40	0	0	0	1	M	L
2/22/2001	Snipes	Snipes	00	5	51	0	0	3	1	2.6	0.1	102.4	VS	VS	5	10	0	30	60	0	0	0	3	H	M
2/22/2001	Snipes	Snipes	00	5	52	0	1	1	0	2.2	0.15	6.9	VS	VS	25	30	0	40	40	0	0	0	2	M	L
2/22/2001	Snipes	Snipes	00	5	53	0	0	3	1	2.3	0.1	38.4	VS	VS	10	15	5	50	30	0	0	0	3	M	L
2/22/2001	Snipes	Snipes	00	6	1	0	0	3	1.5	2.2	0.1	121.2	VS	VS	10	15	20	30	40	0	0	0	2	M	L
2/22/2001	Snipes	Snipes	01	6	2	0	0	3	1.5	1.8	0.15	20.4	AE	VS	5	0	10	30	60	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	01	6	3	1	0	7	0	2.1	0.4	7	VS	AE	10	60	10	20	10	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	01	6	4	0	0	3	2	2.3	0.1	19.7	VS	VS	5	5	0	50	45	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	01	6	5	0	0	5	--	--	0.3	0.3	--	--	--	--	--	--	--	--	--	--	--	--	--
2/22/2001	Snipes	Snipes	01	6	6	1	1	1	0	2.8	0.6	11.5	VS	VS	75	60	0	25	25	0	0	0	2	M	L
2/22/2001	Snipes	Snipes	02	6	7	0	0	3	2	2.1	0.15	10.1	VS	VS	10	20	5	40	40	5	0	0	1	L	L
2/22/2001	Snipes	Snipes	02	6	8	0	0	5	--	--	1	4.5	--	--	--	--	--	--	--	--	--	--	--	--	--
2/22/2001	Snipes	Snipes	02	6	9	1	1	3	0	3.5	0.65	20.3	VS	VS	100	90	5	5	5	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	02	6	10	0	0	3	0.5	0.6	0.05	4.5	AE	VS	0	0	10	70	10	0	20	0	1	L	L
2/22/2001	Snipes	Snipes	00	6	11	0	1	1	0	3.2	0.2	24.3	VS	VS	0	5	10	15	10	0	15	0	2	M	L
2/22/2001	Snipes	Snipes	00	6	12	0	0	3	1.5	1.8	0.1	10.1	NE	VS	5	0	5	15	5	0	20	0	2	L	L
2/22/2001	Snipes	Snipes	00	6	13	0	1	1	0	1.7	0.15	14.8	NE	VS	5	0	10	35	10	0	20	0	1	L	L
2/22/2001	Snipes	Snipes	00	6	14	0	0	3	1.5	2	0.1	28.8	VS	VS	0	0	0	25	0	5	5	0	1	L	L
2/22/2001	Snipes	Snipes	00	6	15	1	0	4	0	3	0.5	7.2	VS	VS	10	10	15	35	15	0	0	1	4	M	M
2/22/2001	Snipes	Snipes	00	6	16	0	0	3	2	2	0.1	262.4	VS	VS	5	0	5	50	5	5	0	0	2	M	L
2/22/2001	Snipes	Snipes	00	6	17	1	0	4	0	1.7	0.4	5.9	VS	VS	30	25	20	25	20	0	0	0	1	M	L
2/22/2001	Snipes	Snipes	00	6	18	0	0	3	2	1.5	0.1	30.8	VS	VS	10	5	15	35	15	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	6	19	1	0	7	0	2	0.5	9.5	AE	VS	--	30	25	20	15	0	0	0	1	M	L
2/22/2001	Snipes	Snipes	00	6	20	0	0	3	2.5	1.5	0.1	5.5	VS	VS	--	0	10	45	10	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	6	21	1	0	7	0	3.5	0.8	10.8	VS	AE	30	40	5	25	30	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	6	22	0	0	3	2	1.7	0.1	22.8	VS	VS	5	10	15	25	50	0	0	0	2	M	L
2/22/2001	Snipes	Snipes	00	6	23	0	1	1	0	1.7	0.3	6.8	VS	VS	20	40	10	20	5	0	25	0	1	L	L
2/22/2001	Snipes	Snipes	00	6	24	0	0	5	--	--	0.25	not taken	--	--	--	--	--	--	--	--	--	--	--	--	--
2/22/2001	Snipes	Snipes	00	6	25	1	0	7	0	2	0.5	9.9	VS	VS	45	40	10	20	10	0	20	0	1	M	L
2/22/2001	Snipes	Snipes	00	6	26	0	0	3	4	2	0.1	6.9	VS	VS	5	0	20	70	10	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	6	27	0	1	1	0	2	0.2	9.3	VS	VS	25	20	15	40	25	0	0	0	1	M	L
2/22/2001	Snipes	Snipes	00	6	28	0	0	3	2.5	1.9	0.2	20.8	VS	VS	5	0	15	30	55	0	0	0	2	L	L
2/22/2001	Snipes	Snipes	00	6	29	0	1	1	0	2	0.3	5.4	VS	VS	10	20	5	35	40	0	0	0	1	M	L
2/22/2001	Snipes	Snipes	00	6	30	0	0	3	5	1.5	0.1	10.8	VS	VS	5	0	0	25	70	5	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	6	31	1	0	4	0	1.2	0.3	3.2	VS	VS	10	15	0	15	50	20	0	0	1	L	M
2/22/2001	Snipes	Snipes	00	6	32	0	0	3	3	2.1	0.1	14.3	VS	VS	5	0	5	50	45	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	6	33	1	0	7	0	2	0.3	22.4	VS	VS	10	25	15	30	30	0	0	0	1	M	L
2/22/2001	Snipes	Snipes	00	6	34	0	0	5	--	--	0.3	1	--	--	--	--	--	--	--	--	--	--	--	--	--
2/22/2001	Snipes	Snipes	00	6	35	1	0	4	0	2.2	0.5	11.8	VS	VS	65	60	20	20	0	0	0	0	1	M	L
2/22/2001	Snipes	Snipes	00	6	36	0	0	3	2.5	2	0.1	5.3	VS	VS	5	0	10	50	40	0	0	1	2	M	L
2/22/2001	Snipes	Snipes	00	6	37	1	0	4	0	2.5	0.6	7.1	VS	VS	15	20	20	40	20	0	0	2	2	L	L
2/22/2001	Snipes	Snipes	00	6	38	0	0	5	--	--	0.25	1.4	--	--	--	--	--	--	--	--	--	--	--	--	--
2/22/2001	Snipes	Snipes	00	6	39	1	1	1	0	3	0.5	13.8	VS	VS	15	60	20	10	10	0	0	2	3	M	L
2/22/2001	Snipes	Snipes	00	7	1	0	0	3	2.5	1.5	0.1	4.4	AE	VS	0	0	0	25	75	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	7	2	1	0	4	0	2.2	0.5	5.4	AE	VS	10	30	10	20	40	0	0	1	3	M	L
2/22/2001	Snipes	Snipes	00	7	3	0	0	3	3	1.5	0.1	6.4	VS	VS	0	0	0	50	50	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	7	4	1	0	7	0	3	0.5	6.2	VS	VS	15	60	20	10	10	0	0	2	3	M	L



Date	Sub-basin	Drain	Channel		Unit	Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate					Active Wood	Wood Class	Cover Score		
			type	Reach		Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organics	Sand	Gravel	Cobble	Boulder			Bedrock	Wood	Vertical
2/22/2001	Snipes	Snipes	00	7	5	0	0	3	2.5	1.9	0.1	23.5	VS	BC	5	0	10	40	50	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	7	6	1	0	4	0	2.2	0.5	8.1	VS	VS	15	40	20	20	0	0	0	1	L	L	
2/22/2001	Snipes	Snipes	00	7	7	0	0	3	2.5	1.9	0.15	32.7	VS	VS	15	0	0	30	60	10	0	0	2	L	L
2/22/2001	Snipes	Snipes	00	7	8	1	0	7	0	3	0.5	9.8	VS	VS	20	30	30	10	30	0	0	0	2	L	L
2/22/2001	Snipes	Snipes	00	7	9	0	0	3	2.5	2	0.2	17.2	VS	VS	0	10	15	45	25	0	5	0	1	L	L
2/22/2001	Snipes	Snipes	00	7	10	1	0	4	0	3.1	0.4	9.7	VS	VS	10	40	30	20	10	0	0	0	2	M	L
2/22/2001	Snipes	Snipes	00	7	11	0	0	3	3	1.5	0.15	29.2	VS	VS	5	0	10	20	50	0	20	0	1	L	L
2/22/2001	Snipes	Snipes	00	7	12	0	1	1	0	2.9	0.2	8.6	AE	AE	20	60	0	10	30	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	7	13	0	0	3	2	2	0.15	28.7	AE	AE	5	0	20	0	20	0	60	0	1	L	L
2/22/2001	Snipes	Snipes	00	7	14	1	0	4	0	2.3	0.4	5.3	VS	VS	25	30	0	10	60	0	0	1	3	M	M
2/22/2001	Snipes	Snipes	00	7	15	0	0	3	2.5	2.1	0.15	28.2	AE	VS	5	0	20	60	20	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	7	16	0	0	5	--	--	1.3	3.6	--	--	--	--	--	--	--	--	--	--	--	--	--
2/22/2001	Snipes	Snipes	00	7	17	1	1	1	0	9	1.5	81	VS	VS	95	90	10	0	0	0	0	20	5	H	H
2/22/2001	Snipes	Snipes	00	7	18	0	0	3	1.5	3	0.1	38.6	VS	VS	5	5	15	50	30	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	7	19	1	0	4	0	2	0.7	10.2	VS	VS	45	70	0	20	10	0	0	3	4	M	H
2/22/2001	Snipes	Snipes	00	7	20	0	0	3	1.5	1.7	0.1	48.7	VS	VS	15	25	5	45	25	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	7	21	0	0	5	--	--	0.9	3.8	--	--	--	--	--	--	--	--	--	--	--	--	--
2/22/2001	Snipes	Snipes	00	7	22	1	1	1	0	19	1.2	95.7	VS	VS	95	90	10	0	0	0	0	10	5	H	H
2/22/2001	Snipes	Snipes	00	7	23	0	0	5	--	--	0.8	2	--	--	--	--	--	--	--	--	--	--	--	--	--
2/22/2001	Snipes	Snipes	00	7	24	1	1	1	0	10	1.2	64.1	VS	VS	90	90	0	5	5	0	0	10	5	H	H
2/22/2001	Snipes	Snipes	00	7	25	0	0	3	2	2.7	0.15	26.1	VS	VS	5	40	0	30	30	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	7	26	0	1	1	0	1.9	0.2	10.6	VS	VS	50	0	25	25	0	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	7	27	0	0	3	1.5	2.3	0.15	67.9	AE	VS	10	10	5	20	60	5	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	7	28	1	0	7	0	1.9	0.45	10	VS	NE	15	15	5	20	50	0	10	1	2	M	L
2/22/2001	Snipes	Snipes	00	7	29	0	0	3	4.5	2.9	0.15	11.4	VS	VS	5	10	0	30	60	0	0	0	2	L	L
2/22/2001	Snipes	Snipes	00	7	30	1	0	4	0	1.9	0.4	8.5	VS	VS	15	40	10	20	30	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	7	31	0	0	3	1	1.8	0.1	8.4	VS	VS	10	10	0	30	60	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	7	32	1	1	3	0	2.3	0.6	2.7	VS	VS	10	70	10	10	10	0	0	0	4	M	M
2/22/2001	Snipes	Snipes	00	7	33	0	0	3	2	3	0.15	14.5	VS	VS	5	15	5	30	50	0	0	2	3	L	L
2/22/2001	Snipes	Snipes	00	7	34	1	0	4	0	4.3	0.7	8.8	VS	VS	10	25	10	50	15	0	0	1	3	M	M
2/22/2001	Snipes	Snipes	00	7	35	0	0	3	2	2.4	0.15	33.6	VS	VS	10	15	5	60	20	0	0	0	2	L	L
2/22/2001	Snipes	Snipes	00	7	36	1	0	4	0	2.4	0.6	7.4	VS	VS	10	45	5	10	40	0	0	1	3	M	M
2/22/2001	Snipes	Snipes	00	7	37	0	0	3	2	2	0.1	43.9	VS	VS	5	20	0	50	30	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	7	38	1	0	4	0	2.4	0.5	4.8	VS	VS	10	20	10	10	60	0	0	1	3	M	M
2/22/2001	Snipes	Snipes	01	7	39	0	0	3	3.5	2.5	0.1	31.1	VS	VS	5	20	5	15	60	0	0	2	2	L	L
2/22/2001	Snipes	Snipes	01	7	40	1	0	2	0	3.7	0.7	6.5	VS	VS	70	75	5	15	15	0	0	2	3	M	H
2/22/2001	Snipes	Snipes	01	7	41	0	0	5	--	--	0.5	not taken	--	--	--	--	--	--	--	--	--	--	--	--	--
2/22/2001	Snipes	Snipes	02	7	42	Side channel	--	--	--	--	--	37.6	AE	AE	--	--	--	--	--	--	--	--	--	--	--
2/22/2001	Snipes	Snipes	00	7	43	1	1	1	0	4.5	0.7	30.3	VS	VS	95	80	10	10	0	0	0	1	3	L	L
2/22/2001	Snipes	Snipes	00	7	44	0	0	3	0.5	1.9	0.1	13.3	VS	VS	15	10	10	80	0	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	7	45	1	0	2	0	3.2	0.45	5.2	VS	VS	50	30	0	30	40	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	7	46	0	0	3	2.5	1.7	0.15	10.2	VS	VS	15	15	10	50	25	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	7	47	1	0	4	0	2.3	0.45	7.3	VS	VS	10	15	5	30	50	0	0	0	1	M	L
2/22/2001	Snipes	Snipes	00	7	48	0	0	3	1.5	3.6	0.1	34.8	VS	VS	30	25	0	35	40	0	0	0	1	L	L
2/22/2001	Snipes	Snipes	00	7	49	1	0	2	0	4	0.6	6.2	VS	VS	5	80	0	10	10	0	0	1	3	H	H
2/22/2001	Snipes	Snipes	00	7	50	0	0	5	--	--	1.4	3	--	--	--	--	--	--	--	--	--	--	--	--	--
2/22/2001	Snipes	Snipes	00	7	51	1	1	1	0	16	2.3	69.7	VS	VS	95	90	10	0	0	0	0	4	5	H	H
2/22/2001	Snipes	Snipes	00	7	52	0	0	5	--	--	1.4	2.5	--	--	--	--	--	--	--	--	--	--	--	--	--
2/22/2001	Snipes	Snipes	00	7	53	1	1	1	0	23	1.7	71.2	VS	VS	95	75	10	10	5	0	0	8	5	H	H
2/22/2001	Snipes	Snipes	00	7	54	0	0	5	--	--	0.65	2.9	--	--	--	--	--	--	--	--	--	--	--	--	--
2/22/2001	Snipes	Snipes	00	7	55	1	1	1	0	12	1.4	30.2	VS	VS	95	90	10	0	0	0	0	5	5	H	H
2/22/2001	Snipes	Snipes	00	7	56	0	0	5	--	--	1.2	2.5	--	--	--	--	--	--	--	--	--	--	--	--	--
2/23/2001	Snipes	Snipes	02	7	57	0	0	3	1.5	1.8	0.1	52.9	VS	VS	20	15	5	30	50	0	0	0	2	L	L
2/23/2001	Snipes	Snipes	02	7	58	1	0	4	0	1.6	0.4	6.9	VS	VS	10	20	10	30	40	0	0	0	1	L	L
2/23/2001	Snipes	Snipes	02	7	59	0	0	5	3.5	1.8	0.2	4	VS	VS	5	0	10	40	50	0	0	0	1	L	L
2/23/2001	Snipes	Snipes	02	7	60	0	1	1	0	1.9	1.5	8.9	VS	VS	10	30	5	15	50	0	0	0	1	M	L
2/23/2001	Snipes	Snipes	02	7	61	0	0	3	2.5	1.5	0.1	76.7	VS	VS	10	20	5	35	40	0	0	1	3	H	M

Date	Sub-basin	Drain	Channel		Unit	Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate					Active Wood	Wood Class	Cover Score					
			type	Reach		Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organic s	Sand	Gravel	Cobble	Boulder			Bedrock	Wood	Vertical	Horizontal		
2/23/2001	Snipes	Snipes	02	7	62	0	1	1	1	0	1.1	0.2	6.6	VS	VS	20	10	40	30	20	0	0	0	0	1	H	M	
2/23/2001	Snipes	Snipes	02	7	63	0	0	3	2	0	1.5	0.1	17.7	VS	VS	20	20	15	25	40	0	0	0	0	1	L	L	
2/23/2001	Snipes	Snipes	02	7	64	0	1	1	0	0	1.2	0.25	5.4	VS	VS	20	30	20	25	25	0	0	0	0	1	L	L	
2/23/2001	Snipes	Snipes	02	7	65	1	0	3	0	0	1.8	0.45	7.9	VS	VS	15	30	30	30	10	0	0	0	2	M	L		
2/23/2001	Snipes	Snipes	02	7	66	0	0	3	1	0	1.3	0.15	9	VS	VS	15	10	25	35	25	5	0	0	0	1	M	L	
2/23/2001	Snipes	Snipes	02	7	67	1	0	4	0	0	2.9	0.35	3.9	VS	VS	20	25	10	40	25	0	0	1	3	M	L		
2/23/2001	Snipes	Snipes	02	7	68	0	0	3	3	0	2.9	0.05	32.3	VS	VS	5	10	10	65	15	0	0	2	3	M	L		
2/23/2001	Snipes	Snipes	02	7	69	1	0	7	0	0	1.8	0.45	11.2	VS	VS	20	30	20	30	20	0	0	0	0	1	M	L	
2/23/2001	Snipes	Snipes	02	7	70	0	0	3	4	0	2.9	0.05	7.3	VS	VS	15	5	10	35	50	0	0	0	0	1	L	L	
2/23/2001	Snipes	Snipes	02	7	71	1	0	7	0	0	3	0.6	7.9	VS	VS	15	10	30	10	40	10	0	0	0	1	M	M	
2/23/2001	Snipes	Snipes	02	7	72	0	0	5	--	--	2.8	0.6	3.7	VS	VS	--	--	--	--	--	--	--	--	--	--	--	--	
2/23/2001	Snipes	Snipes	02	7	73	1	1	0	0	0	2.9	0.4	8.7	VS	VS	25	35	20	10	30	5	0	0	2	M	L		
2/23/2001	Snipes	Snipes	02	7	74	0	0	3	3	0	1.6	0.15	6.1	AE	VS	35	45	15	10	30	0	0	0	0	1	L	L	
2/23/2001	Snipes	Snipes	02	7	75	1	1	0	0	0	2.3	0.45	9.3	VS	VS	45	30	20	10	40	0	0	0	0	1	M	L	
2/23/2001	Snipes	Snipes	02	7	76	0	0	3	2.5	0	1.8	0.05	15.5	VS	VS	30	10	20	40	30	0	0	0	0	1	L	L	
2/23/2001	Snipes	Snipes	02	7	77	0	1	1	0	0	1.7	0.25	5.5	VS	VS	40	30	25	15	30	0	0	0	0	1	M	L	
2/23/2001	Snipes	Snipes	02	7	78	2	1	NA	2.5	0	1.7	0.2	36.7	VS	VS	20	10	15	25	50	0	0	0	0	1	L	L	
2/23/2001	Snipes	Snipes	02	7	79	1	0	5	0	0	3.1	0.8	4.1	VS	VS	60	30	35	15	20	0	0	0	0	3	M	M	
2/23/2001	Snipes	Snipes	02	7	80	0	0	5	--	--	--	0.5	1.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2/23/2001	Snipes	Snipes	02	7	81	1	1	1	0	0	4.5	0.75	29.2	VS	VS	95	25	60	5	10	0	0	0	3	M	L		
2/23/2001	Snipes	Snipes	02	7	82	0	0	5	--	--	--	0.7	1.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2/23/2001	Snipes	Snipes	02	7	83	1	1	1	0	0	6.2	1.15	26.8	VS	VS	100	50	50	0	0	0	0	1	3	H	M		
2/23/2001	Snipes	Snipes	02	7	84	0	0	5	--	--	--	0.9	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2/23/2001	Snipes	Snipes	02	7	85	1	1	1	0	0	14.5	1.9	44.9	VS	VS	100	50	50	0	0	0	0	2	3	H	H		
2/23/2001	Snipes	Snipes	02	7	86	0	0	5	--	--	--	0.3	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2/23/2001	Snipes	Snipes	02	7	87	1	1	1	0	0	5.6	0.9	34.4	VS	VS	100	40	60	0	0	0	0	5	5	H	H		
2/23/2001	Snipes	Snipes	00	7	88	0	0	3	1.5	0	2.3	0.1	9.6	VS	VS	40	20	30	40	10	0	0	0	2	L	L		
2/23/2001	Snipes	Snipes	00	7	89	0	0	5	--	--	--	0.3	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2/23/2001	Snipes	Snipes	00	7	90	1	1	1	0	0	3.4	0.5	15.4	VS	VS	25	45	45	10	0	0	0	0	3	M	L		
2/23/2001	Snipes	Snipes	00	7	91	0	0	3	1	0	2.8	0.15	49.7	VS	VS	25	20	15	55	10	0	0	0	3	M	L		
2/23/2001	Snipes	Snipes	00	7	92	1	0	7	0	0	2.4	0.5	9.8	VS	VS	50	15	25	40	20	0	0	0	2	L	L		
2/23/2001	Snipes	Snipes	00	7	93	0	0	3	2.5	0	2.5	0.1	32.2	VS	VS	25	5	25	20	50	0	0	0	0	1	L	L	
2/23/2001	Snipes	Snipes	00	7	94	1	0	5	0	0	2.3	0.6	3.7	VS	VS	50	5	20	15	60	0	0	2	5	H	M		
2/23/2001	Snipes	Snipes	00	7	95	0	0	5	--	--	--	0.9	2.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2/23/2001	Snipes	Snipes	00	7	96	1	1	1	0	0	11	1.5	54.2	VS	VS	95	25	70	5	0	0	0	2	5	H	H		
2/23/2001	Snipes	Snipes	00	7	97	0	0	5	--	--	--	0.4	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2/23/2001	Snipes	Snipes	00	7	98	1	1	1	0	0	3.3	0.7	17.4	VS	VS	40	30	20	50	0	0	0	--	--	--	--	--	
2/23/2001	Snipes	Snipes	00	7	99	0	0	3	2	0	2.1	0.1	39.4	VS	VS	10	15	5	40	40	0	0	0	0	1	L	L	
2/23/2001	Snipes	Snipes	00	7	100	1	0	7	0	0	2.2	0.4	2.6	VS	VS	--	--	--	--	--	--	--	--	--	--	--	--	
2/23/2001	Snipes	Snipes	01	7	101	0	0	5	--	--	--	1.5	0.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2/23/2001	Snipes	Snipes	01	7	102	1	0	7	0	0	2.8	0.65	3.1	VS	VS	5	10	20	40	30	0	0	0	2	M	L		
2/23/2001	Snipes	Snipes	01	7	103	0	0	3	2	0	2.3	0.1	68.5	VS	VS	40	10	0	45	45	0	0	0	0	1	L	L	
2/23/2001	Snipes	Snipes	02	7	103	Side channel	--	--	--	--	--	--	21.9	VS	VS	--	--	--	--	--	--	--	--	--	--	--	--	--
2/23/2001	Snipes	Snipes	00	7	105	1	0	4	0	0	1.5	0.35	6.1	VS	VS	5	10	0	20	70	0	0	--	--	--	--	--	
2/23/2001	Snipes	Snipes	00	7	106	0	0	5	--	--	--	0.25	not taken	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2/23/2001	Snipes	Snipes	00	7	107	1	0	4	0	0	2.2	0.35	8.5	VS	VS	5	10	0	30	60	0	0	0	3	M	M		
2/23/2001	Snipes	Snipes	00	7	108	0	0	5	--	--	--	0.35	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2/23/2001	Snipes	Snipes	00	7	109	0	0	3	2.5	0	2.7	0.1	25	VS	VS	60	30	10	20	40	0	0	0	0	1	L	L	
2/23/2001	Snipes	Snipes	00	7	110	1	0	4	0	0	2.1	0.3	6.3	VS	VS	70	15	60	5	20	0	0	0	3	M	H		
2/23/2001	Snipes	Snipes	00	7	111	0	0	3	1.5	0	2.9	0.1	25	VS	VS	20	15	0	50	35	0	0	0	3	M	M		
2/23/2001	Snipes	Snipes	00	7	112	1	0	7	--	--	2.6	0.5	7.9	VS	VS	20	60	0	10	30	0	0	0	1	L	L		
2/23/2001	Snipes	Snipes	00	7	113	0	0	3	2	0	2.7	0.1	69.4	VS	VS	20	25	10	25	40	0	0	0	2	M	L		
2/23/2001	Snipes	Snipes	00	7	114	1	0	2	0	0	2.9	0.7	7.1	VS	VS	15	20	0	10	7	0	0	0	1	L	M		
2/23/2001	Snipes	Snipes	00	7	115	0	0	5	--	--	--	0.3	4.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2/23/2001	Snipes	Snipes	00	7	116	1	0	4	0	0	2.6	0.4	5.4	VS	VS	5	20	10	20	50	0	0	1	2	M	L		
2/23/2001	Snipes	Snipes	00	7	117	0	0	3	3.5	0	2.6	0.1	13.7	VS	VS	10	0	5	15	80	0	0	0	1	L	M		
2/23/2001	Snipes	Snipes	00	7	118	0	1	1	0	0	2	0.25	17	VS	VS	25	20	20	20	40	0	0	0	0	1	L	L	
2/23/2001	Snipes	Snipes	00	7	119	0	0	3	1.5	0	2.6	0.1	58.8	VS	VS	20	20	5	10	60	5	0	0	1	L	L		

Date	Sub-basin	Drain	Channel		Unit	Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate					Active Wood	Wood Class	Cover Score		
			type	Reach		Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organics	Sand	Gravel	Cobble	Boulder			Bedrock	Wood	Vertical
2/23/2001	Snipes	Snipes	00	8	1	0	0	3	1	3.6	0.1	40.8	NE	NE	5	0	15	70	15	0	0	0	1	L	L
2/23/2001	Snipes	Snipes	00	8	2	1	0	2	0	3.6	0.4	16.6	NE	NE	--	--	--	--	--	--	0	1	L	L	
2/23/2001	Snipes	Snipes	00	8	3	0	0	3	2	3.6	0.02	29	NE	NE	--	--	--	--	--	--	0	1	L	L	
2/23/2001	Snipes	Snipes	00	8	4	0	0	3	4.5	2.5	0.1	375.4	VS	VS	50	50	10	15	40	5	0	0	1	L	L
2/23/2001	Snipes	Snipes	00	8	5	1	0	5	0	2.7	0.3	4.9	VS	VS	0	0	5	10	60	25	0	0	1	L	L
2/23/2001	Snipes	Snipes	00	8	6	0	0	5	--	--	0.3	0.3	--	--	--	--	--	--	--	--	--	--	--	--	--
2/23/2001	Snipes	Snipes	00	8	7	1	1	0	0	3.2	0.6	6.9	VS	VS	45	60	20	5	0	15	0	0	1	L	L
2/23/2001	Snipes	Snipes	00	8	8	0	0	3	3.5	2.5	0.1	11.7	VS	VS	5	5	10	65	20	0	0	0	1	L	L
2/23/2001	Snipes	Snipes	00	8	9	1	0	4	0	1.9	0.35	5.6	VS	VS	35	20	30	25	25	0	0	0	1	L	L
2/23/2001	Snipes	Snipes	00	8	10	0	0	5	--	--	0.25	1	--	--	--	--	--	--	--	--	--	--	--	--	--
2/23/2001	Snipes	Snipes	00	8	11	1	0	4	0	2.2	0.5	8.4	VS	VS	5	30	30	30	10	0	0	0	1	L	L
2/23/2001	Snipes	Snipes	00	8	12	0	0	3	4.5	2.5	0.1	125.8	VS	VS	45	40	0	30	30	0	0	0	1	L	L
2/23/2001	Snipes	Snipes	00	8	13	1	0	4	0	2.3	0.6	7.6	VS	BC	30	25	20	10	25	20	0	0	1	L	M
2/23/2001	Snipes	Snipes	00	8	14	0	0	5	--	--	0.4	1.3	--	--	--	--	--	--	--	--	--	--	--	--	--
2/23/2001	Snipes	Snipes	00	8	15	1	0	5	0	6.2	1	6.3	BC	VS	70	40	20	20	0	20	0	0	1	L	L
2/23/2001	Snipes	Snipes	00	8	16	0	0	5	--	--	1.1	1.4	--	--	--	--	--	--	--	--	--	--	--	--	--
2/23/2001	Snipes	Snipes	00	8	17	0	1	1	0	3.7	0.05	24.9	NE	NE	--	--	--	--	--	--	0	1	L	L	
2/23/2001	Snipes	Snipes	00	8	18	0	0	3	2.5	3.3	0.1	65.6	VS	VS	45	40	10	10	40	0	0	0	1	L	L
2/23/2001	Snipes	Snipes	00	8	19	1	0	7	0	1.9	0.55	10	VS	VS	60	30	30	20	20	0	0	0	1	M	L
2/23/2001	Snipes	Snipes	00	8	20	0	0	3	3	3	0.1	14.4	VS	VS	65	10	20	50	20	0	0	0	1	L	L
2/23/2001	Snipes	Snipes	00	8	21	1	0	7	0	2.1	0.4	4.9	VS	VS	50	10	20	10	60	0	0	0	1	L	L
2/23/2001	Snipes	Snipes	00	8	22	0	0	3	1	2	0.15	4.4	VS	VS	10	15	10	0	75	0	0	0	1	L	L
2/23/2001	Snipes	Snipes	00	8	23	1	0	7	0	3	0.5	11.6	VS	AE	50	50	20	0	30	0	0	0	1	L	L
2/23/2001	Snipes	Snipes	00	8	24	0	0	3	2	4.1	0.1	83.9	VS	VS	80	30	30	10	30	0	0	0	1	L	L
2/23/2001	Snipes	Snipes	00	8	25	1	0	4	0	2.8	0.4	5.7	BC	VS	50	20	30	0	10	40	0	0	1	L	M
2/23/2001	Snipes	Snipes	00	8	26	0	0	3	3.5	2.1	0.1	109.6	VS	VS	40	20	25	10	40	5	0	0	1	L	L
2/23/2001	Snipes	Snipes	00	8	27	1	0	2	0	2.9	0.35	4	VS	VS	25	20	70	0	10	0	0	0	1	L	L
2/23/2001	Snipes	Snipes	00	8	28	0	0	3	3.5	3.6	0.1	24.4	VS	VS	--	0	15	50	35	0	0	0	1	L	L
2/23/2001	Snipes	Snipes	00	8	29	Dry channel	--	--	--	4	--	18.8	--	--	--	5	0	5	20	70	0	--	--	--	--
2/23/2001	Spring	Spring	00	1	1	0	0	3	1	3.6	0.12	5.7	VS	VS	0	0	5	85	10	0	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	2	0	1	1	0.5	2.9	0.3	13.3	VS	VS	5	5	20	65	10	0	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	3	0	0	3	1.5	3	0.15	65.3	VS	VS	0	5	5	70	20	0	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	4	1	0	4	0	3.4	0.6	6.9	VS	BC	5	5	30	35	15	15	0	0	1	L	M
2/23/2001	Spring	Spring	00	1	5	0	0	3	1.5	2.8	0.15	18.8	VS	VS	5	0	10	65	25	0	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	6	1	0	4	0	3.3	0.6	9.8	VS	VS	20	0	25	40	20	15	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	7	0	0	3	2	3	0.2	43.8	VS	VS	2	0	5	45	45	5	0	0	1	L	M
2/23/2001	Spring	Spring	00	1	8	1	0	2	0	4.1	0.6	6.1	VS	VS	5	0	15	25	40	20	0	0	1	M	L
2/23/2001	Spring	Spring	00	1	9	0	0	2	7	1.8	0.2	6.6	VS	VS	100	0	0	10	0	0	90	0	1	M	L
2/23/2001	Spring	Spring	00	1	10	1	0	4	0	2	0.35	5.6	VS	VS	10	5	35	40	20	0	0	0	1	M	L
2/23/2001	Spring	Spring	00	1	11	1	0	2	0	4.1	0.45	5.4	VS	VS	15	0	35	30	30	5	0	0	1	M	L
2/23/2001	Spring	Spring	00	1	12	0	0	3	1.5	3	0.15	3	VS	VS	5	0	5	60	35	0	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	13	1	0	5	0	2.7	0.8	8.2	NE	NE	70	20	40	10	0	0	30	0	1	M	L
2/23/2001	Spring	Spring	00	1	14	0	0	1	21	1.3	0.25	3.9	NE	NE	100	0	0	0	0	0	100	0	1	M	L
2/23/2001	Spring	Spring	00	1	15	0	0	3	1.5	2.1	0.2	66.2	VS	VS	30	5	10	50	25	5	5	0	1	M	L
2/23/2001	Spring	Spring	00	1	16	1	0	0	0	2.8	0.4	3.5	VS	VS	0	5	20	40	25	10	0	0	1	M	L
2/23/2001	Spring	Spring	00	1	17	0	0	3	2.5	2.5	0.22	45.2	VS	VS	5	0	10	60	25	5	0	0	1	M	L
2/23/2001	Spring	Spring	00	1	18	0	1	1	0	1.8	0.25	6.9	VS	VS	20	0	30	20	10	0	40	0	1	M	L
2/23/2001	Spring	Spring	00	1	19	0	0	3	3	2.3	0.2	11.9	VS	VS	5	0	0	35	60	5	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	20	1	0	7	0	4.6	0.5	11.3	VS	VS	20	15	60	20	5	0	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	21	0	0	3	1.5	3.10	0.2	19.9	VS	VS	5	0	5	30	50	15	0	0	1	M	L
2/23/2001	Spring	Spring	00	1	22	1	0	5	0	2.1	0.8	3.1	VS	VS	NA	0	0	5	70	25	0	0	1	H	M
2/23/2001	Spring	Spring	00	1	23	0	0	0	--	--	0.6	not taken	--	--	--	0	0	0	0	0	100	--	--	--	--
2/23/2001	Spring	Spring	00	1	24	0	0	3	1.5	4.5	0.1	14.6	VS	VS	15	0	0	90	0	0	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	25	1	0	2	0	5.2	0.7	11.4	BC	VS	20	10	40	30	20	0	0	0	1	M	L
2/23/2001	Spring	Spring	00	1	26	0	0	3	1	2.7	0.2	7.6	BC	BC	5	5	5	75	15	0	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	27	1	0	4	0	2.5	0.6	7.6	VS	BC	5	5	15	40	30	10	0	0	1	M	L
2/23/2001	Spring	Spring	00	1	28	0	0	3	1.5	2.8	0.15	27.1	VS	VS	5	0	5	70	20	5	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	29	1	0	4	0	2.3	0.5	4.8	BC	VS	10	0	15	15	60	10	0	1	2	M	L

Date	Sub-basin	Drain	Channel		Unit	Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate					Active Wood	Wood Class	Cover Score		
			type	Reac h		Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organics	Sand	Gravel	Cobble	Boulder			Bedrock	Wood	Vertical
2/23/2001	Spring	Spring	00	1	30	0	0	3	2.5	3	0.2	34.4	VS	BC	5	0	5	80	15	0	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	31	1	0	2	0	4	0.45	11.1	BC	BC	5	10	25	35	30	0	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	32	0	0	3	1	3.2	0.2	20.1	VS	VS	5	0	5	75	15	5	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	33	1	0	2	0	3.2	0.4	4.3	VS	AE	10	0	20	60	10	10	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	34	0	0	3	1.5	3.1	0.2	27.9	VS	VS	5	0	15	40	45	0	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	35	1	0	2	0	2.8	0.6	6.1	VS	VS	10	0	15	50	30	5	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	36	0	0	3	2	3.8	0.15	34.6	VS	VS	5	0	5	65	30	0	0	0	2	L	L
2/23/2001	Spring	Spring	00	1	37	1	0	5	0	7.9	0.7	6.3	VS	VS	10	0	75	10	15	0	0	1	M	L	
2/23/2001	Spring	Spring	00	1	38	0	0	5	--	--	1.1	0.85	--	--	--	--	--	--	--	--	--	--	--	--	--
2/23/2001	Spring	Spring	00	1	39	0	0	3	1	1.8	0.1	21.9	NE	NE	100	--	--	--	--	--	--	NA	NA	L	L
2/23/2001	Spring	Spring	00	1	40	0	0	3	1.5	2.2	0.15	26.2	VS	VS	5	5	10	60	25	0	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	41	1	0	4	0	2.4	0.4	10.8	VS	VS	20	0	20	50	30	0	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	42	0	0	3	1	8	0.1	4.2	BC	BC	5	0	5	50	45	0	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	43	0	1	1	0.5	2.1	0.4	54.3	NE	NE	20	0	20	60	20	0	0	NA	NA	L	L
2/23/2001	Spring	Spring	00	1	44	0	0	3	2	4.2	0.15	34.3	AE	AE	5	5	20	35	35	5	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	45	1	0	4	0	2.5	0.5	6.8	BC	AE	25	5	15	45	20	15	0	0	1	M	L
2/23/2001	Spring	Spring	00	1	46	0	0	3	1.5	4.5	0.15	49.6	AE	AE	20	0	20	60	20	0	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	47	1	0	4	0	3.8	0.55	9.3	AE	AE	35	0	35	30	35	0	0	0	1	L	L
2/23/2001	Spring	Spring	00	1	48	2	3	NA	5	4.1	0.6	39.5	AE	AE	10	0	15	50	25	10	0	0	1	M	L
2/23/2001	Spring	Spring	00	1	49	0	0	3	5	3.4	0.2	15.5	AE	AE	5	0	15	40	25	20	0	0	1	M	L
2/23/2001	Spring	Spring	00	1	50	2	3	NA	4.5	3.8	0.5	13.4	AE	AE	20	0	20	40	30	10	0	0	1	M	L
2/23/2001	Spring	Spring	00	1	51	0	0	3	2.5	4.2	0.15	33.7	AE	AE	20	5	20	50	25	5	0	0	1	L	L
2/24/2001	Spring	Spring	00	1	52	1	0	2	0	3.8	0.6	4.4	AE	AE	20	5	20	30	35	10	0	0	1	M	L
2/24/2001	Spring	Spring	00	1	53	0	0	3	2.5	4.3	0.15	7.7	AE	BC	30	0	10	55	25	10	0	0	1	L	L
2/24/2001	Spring	Spring	00	1	54	1	0	2	0	4.5	0.4	3.2	AE	AE	35	0	15	30	25	30	0	0	1	M	L
2/24/2001	Spring	Spring	00	1	55	0	0	3	3	3.6	0.2	111.2	AE	AE	5	0	10	50	25	15	0	0	1	L	L
2/24/2001	Spring	Spring	00	1	56	1	0	2	0	3.6	0.45	4.1	AE	AE	10	0	10	40	40	10	0	0	1	L	L
2/24/2001	Spring	Spring	00	1	57	0	0	3	2	3.7	0.2	32.5	AE	AE	10	0	5	60	35	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	1	58	1	1	0	0	3.3	0.5	6.8	AE	AE	15	0	20	30	30	20	0	0	1	M	L
2/24/2001	Spring	Spring	00	1	59	0	0	3	1.5	3.4	0.15	35.6	VS	AE	25	5	10	70	15	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	1	60	1	0	4	0	2.8	0.45	5.2	VS	AE	15	5	25	40	10	20	0	0	1	M	L
2/24/2001	Spring	Spring	00	1	61	0	0	3	2	3.6	0.15	61.6	VS	AE	5	5	15	45	30	5	0	0	1	M	L
2/24/2001	Spring	Spring	00	1	62	0	1	1	0	4.1	0.25	11.1	VS	AE	60	15	35	20	30	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	1	63	0	0	3	2.5	2.8	0.3	39.6	VS	AE	5	0	15	35	40	10	0	0	1	L	L
2/24/2001	Spring	Spring	00	1	64	1	0	2	0	3	0.6	4.3	VS	AE	25	0	40	30	20	10	0	0	1	L	L
2/24/2001	Spring	Spring	00	1	65	0	0	2	3.5	3.2	0.3	7.2	VS	VS	15	0	10	20	50	20	0	0	1	M	L
2/24/2001	Spring	Spring	00	1	66	1	0	2	0	3.4	0.5	19.1	VS	VS	90	10	70	10	5	5	0	0	1	L	L
2/24/2001	Spring	Spring	00	2	1	0	0	3	1.5	2.7	0.05	8.9	NE	NE	0	0	15	80	5	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	2	2	1	0	2	0	3.3	0.6	13.1	VS	VS	55	10	65	10	5	10	0	0	1	M	L
2/24/2001	Spring	Spring	00	2	3	0	0	3	0.5	4.8	0.2	20.6	AE	AE	40	5	10	75	10	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	2	4	0	1	1	0	3.2	0.35	16.3	VS	VS	10	20	60	15	5	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	2	5	0	0	3	1.5	3	0.2	537.6	VS	BC	15	0	5	55	40	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	2	6	0	0	5	--	--	0.55	0.8	--	--	--	--	--	--	--	--	--	--	--	--	--
2/24/2001	Spring	Spring	00	2	7	1	1	0	0	4.7	0.8	34.3	AE	BC	100	20	75	5	0	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	2	8	0	1	1	0	4.7	0.8	44.5	VS	BC	90	10	85	5	0	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	2	9	0	0	3	0	4.7	0.2	248.6	VS	BC	5	5	15	60	20	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	3	1	0	0	3	1.5	2.8	0.2	86.3	VS	VS	20	10	30	40	20	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	3	2	1	0	4	0	3.1	0.55	12.4	VS	VS	80	0	65	20	15	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	3	3	1	1	0	0	3.5	0.55	5.1	VS	VS	50	5	35	30	20	10	0	0	1	M	L
2/24/2001	Spring	Spring	00	3	4	0	0	3	1.5	3	0.25	104.8	VS	VS	40	0	35	30	35	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	3	5	0	1	1	0.5	3.3	0.4	15.6	VS	VS	100	50	45	0	5	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	3	6	0	0	3	1	2.8	0.2	31.8	VS	AE	45	5	30	50	15	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	3	7	0	1	1	0	3.4	0.25	20.6	VS	AE	75	0	50	30	20	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	3	8	0	0	3	1	3.2	0.2	132.5	VS	VS	30	0	40	40	20	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	3	9	1	0	2	0	3.5	0.45	8.3	AE	VS	20	0	25	65	10	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	3	10	0	0	3	1	4.5	0.1	61.5	AE	VS	25	0	20	70	10	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	3	11	1	0	4	0	2.7	0.55	19.4	VS	VS	95	25	60	15	0	0	0	0	1	M	L
2/24/2001	Spring	Spring	00	3	12	0	0	3	1.5	3.6	0.15	78.9	AE	AE	30	5	20	60	15	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	3	13	0	1	1	0	3.1	0.3	16.6	AE	AE	85	10	60	20	10	0	0	0	1	L	L

Date	Sub-basin	Drain	Channel		Unit	Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate					Active Wood	Wood Class	Cover Score		
			type	Reach		Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organics	Sand	Gravel	Cobble	Boulder			Bedrock	Vertical	Horizontal
2/24/2001	Spring	Spring	00	3	14	0	0	3	2	4.1	0.2	6.6	VS	VS	55	15	30	60	5	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	3	15	1	0	2	0	2.9	0.85	20.8	VS	AE	60	20	35	40	5	0	0	0	1	L	L
2/24/2001	Spring	Spring	00	3	16	1	0	2	0	4.9	0.95	15.7	AE	AE	95	40	50	10	0	0	0	0	1	M	M
2/24/2001	Spring	Spring	00	3	17	0	1	1	0.5	1.85	0.3	9.7	NE	NE	100	--	--	--	--	--	--	0	1	L	L
2/24/2001	Spring	Spring	00	3	18	0	0	3	0	3.1	0.2	43.6	VS	VS	40	5	30	40	25	0	0	0	1	M	L
2/25/2001	Spring	Spring	00	4	1	0	0	3	1.5	3.3	0.15	38.5	VS	VS	20	20	35	25	0	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	4	2	0	1	1	0	2.8	0.3	11.5	VS	VS	10	30	25	35	0	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	4	3	0	0	3	2	3.2	0.1	16	VS	VS	10	20	30	40	0	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	4	4	1	0	5	0	4	0.6	9	VS	VS	5	40	15	30	10	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	4	5	0	0	5	--	2.9	0.35	not taken	--	--	--	--	--	--	--	--	--	--	--	--	--
2/25/2001	Spring	Spring	00	4	6	1	1	0	0	3	0.8	41.2	VS	VS	15	80	5	0	0	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	4	7	0	0	3	0.5	3.1	0.2	49.8	VS	VS	5	55	25	15	0	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	4	8	1	1	0	0	1.9	0.2	13.4	VS	VS	10	30	40	20	0	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	4	9	1	0	4	0	3.7	0.5	6.4	VS	VS	10	75	10	5	0	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	4	10	0	0	3	0.5	2.5	0.15	32.4	VS	VS	0	40	40	20	0	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	4	11	1	0	2	0	2.9	0.4	5.8	VS	AE	5	20	30	45	0	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	4	12	0	0	3	1	2.8	0.2	39.3	VS	VS	10	25	15	50	0	0	0	0	2	L	L
2/25/2001	Spring	Spring	00	4	13	0	1	1	0	2.7	0.25	15.5	AE	VS	10	75	15	0	0	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	4	14	0	1	1	0	3.8	0.35	6.4	NE	NE	40	60	0	0	0	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	4	15	0	0	3	0.5	3	0.15	230.2	AE	VS	10	20	40	30	0	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	4	16	1	0	2	0	3.8	0.35	9.1	AE	AE	20	15	45	30	10	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	4	17	0	0	3	1	3.4	0.15	117.2	VS	VS	30	10	25	35	30	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	1	0	1	1	0	3.2	0.3	21.3	VS	AE	40	25	45	25	5	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	2	1	0	2	0	3	0.35	10.3	VS	AE	55	25	40	15	10	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	3	0	0	3	1	2.5	0.1	12.1	VS	VS	70	20	30	20	30	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	4	0	1	1	0	3.1	0.3	19.4	VS	VS	75	15	50	20	15	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	5	0	0	3	0.5	2.9	0.1	28.4	VS	VS	70	10	60	20	10	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	6	0	1	1	0	3.2	0.2	10.2	VS	AE	80	15	60	15	10	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	7	0	0	3	1.2	2.8	0.15	71.4	VS	AE	15	5	20	40	35	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	8	1	0	2	0	2.9	0.4	12.3	VS	VS	40	20	50	10	15	5	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	9	0	0	5	--	--	0.35	1.3	--	--	--	--	--	--	--	--	--	--	--	--	--
2/25/2001	Spring	Spring	00	5	10	1	0	7	0	3.3	0.4	7.2	VS	BC	60	5	50	25	10	10	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	11	0	0	3	2.5	3.1	0.2	17.1	VS	VS	80	5	45	30	20	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	12	0	1	1	0	3.6	0.2	25.4	VS	AE	80	25	45	20	10	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	13	0	0	3	1	3.4	0.15	26.9	VS	VS	70	10	20	40	30	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	14	0	1	1	0	3	0.2	13.0	VS	AE	95	15	70	10	5	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	15	1	0	7	0	3.2	0.7	11.9	VS	VS	95	15	75	10	0	0	0	0	1	M	L
2/25/2001	Spring	Spring	00	5	16	1	0	7	0	2.5	0.6	23.4	AE	VS	100	15	80	5	0	0	0	0	1	M	L
2/25/2001	Spring	Spring	00	5	17	0	0	3	1.5	2.8	0.15	37.1	VS	AE	60	5	25	60	10	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	18	1	0	2	0	4.5	0.6	16.4	VS	AE	75	15	75	10	0	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	19	0	3	2	2	2.8	0.15	16.9	VS	VS	70	0	10	70	20	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	20	0	1	1	0	2.3	0.25	11.6	VS	VS	85	10	75	10	5	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	21	0	0	3	0.5	2.8	0.1	12.5	VS	AE	50	0	40	60	0	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	22	0	1	1	0	2.8	0.3	14.4	VS	VS	80	20	50	20	10	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	23	0	0	3	0.5	2.6	0.15	33.7	VS	VS	80	20	10	55	15	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	24	0	1	1	0	3.1	0.2	11.2	VS	VS	90	30	60	5	5	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	25	0	0	3	0.5	3.2	0.15	28.4	VS	VS	75	10	35	35	20	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	26	1	0	2	0	3.4	0.45	10.9	VS	AE	80	10	45	35	10	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	27	0	0	3	2.5	2.8	0.15	16.1	AE	AE	60	0	15	50	35	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	28	1	0	7	0	4	0.4	15.2	VS	AE	30	25	50	20	5	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	29	1	0	2	0	2.7	0.5	16.3	VS	BC	40	15	30	35	20	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	30	1	0	2	0	3.2	0.6	7.1	VS	BC	50	5	20	25	50	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	31	0	0	3	2	2.7	0.3	75.9	VS	BC	50	0	25	30	45	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	32	0	1	1	0	3.8	0.3	22.8	AE	AE	95	10	80	10	0	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	33	0	0	3	1	3	0.15	8.6	AE	AE	35	5	25	60	10	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	34	1	0	7	0	2.3	0.4	3.8	VS	AE	60	0	20	50	30	0	0	0	1	M	L
2/25/2001	Spring	Spring	00	5	35	0	0	3	1.5	2.2	0.2	8.3	VS	VS	70	10	20	20	50	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	36	0	1	1	0	3.2	0.35	14.8	AE	VS	100	15	80	5	0	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	37	0	0	3	2	2.2	0.15	58.4	VS	VS	55	0	30	60	10	0	0	0	1	L	L

Date	Sub-basin	Drain	Channel			Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate					Active Wood	Wood Class	Cover Score		
			type	Reac h	Unit	Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organic s	Sand	Gravel	Cobble	Boulder			Bedrock	Wood	Vertical
2/25/2001	Spring	Spring	00	5	38	1	0	3	0	3.3	0.8	14.8	AE	BC	95	10	75	10	5	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	39	0	1	1	0	4.2	0.45	25.7	AE	BC	95	15	75	0	10	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	40	1	0	5	0	6	1	6.8	BC	BC	85	20	30	0	50	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	41	1	0	5	0	6.3	1	18.2	AE	BC	NA	10	90	0	0	0	0	0	1	L	L
2/25/2001	Spring	Spring	00	5	42	0	0	5	--	--	0.95	0.3	--	--	--	--	--	--	--	--	--	--	--	--	--
2/25/2001	Spring	Spring	00	6	1	CVT	--	--	--	1.3	0.2	13.3	--	--	--	--	--	--	--	--	--	--	--	--	--
2/25/2001	Spring	Spring	00	6	2	2	5	NA	1	0.35	0.3	826.3	VS	VS	90	10	75	10	5	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	1	1	0	1	1	0	11	1.7	945.3	BC	BC	100	55	30	5	10	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	1	2	0	0	3	1	6.9	0.5	201.6	BC	BC	25	15	15	10	60	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	1	3	0	0	5	--	--	0.3	2.7	--	--	--	--	--	--	--	--	--	--	--	--	--
2/26/2001	Sulphur	Sulphur	00	1	4	0	0	3	1	6.8	0.5	54.5	BC	BC	25	15	15	10	60	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	1	5	0	1	1	0	6.8	0.7	62.3	AE	AE	30	15	15	10	60	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	1	6	0	0	3	1	6.8	0.7	47	AE	AE	20	10	15	10	60	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	1	7	0	1	1	0	5.5	0.7	295.5	AE	AE	25	15	10	10	65	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	1	8	0	0	3	1	6	0.5	955.8	BC	BC	80	40	30	5	25	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	1	9	0	1	1	0	7	0.65	79.9	BC	BC	50	30	10	0	60	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	1	10	0	0	3	1	7	0.5	130.6	BC	BC	35	25	10	0	65	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	1	11	0	1	1	0	7	0.65	422.1	BC	BC	50	35	15	0	50	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	1	12	0	0	3	1.5	5.8	0.5	27.4	BC	BC	60	20	10	0	70	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	1	13	0	1	1	0.5	7.2	0.7	654.4	VS	BC	60	30	15	5	50	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	1	14	0	0	3	0.5	7.5	0.5	26.2	BC	BC	75	30	35	35	0	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	2	1	0	1	1	0	5.9	0.7	1100.6	VS	VS	95	50	0	0	20	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	2	2	0	0	3	1	2.7	0.3	37.5	BC	BC	90	30	10	10	20	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	2	3	0	1	1	0	4	0.65	53.1	NE	NE	100	--	--	--	--	--	--	--	1	L	L
2/26/2001	Sulphur	Sulphur	00	2	4	0	1	1	0	7.2	0.8	60.4	VS	VS	100	45	50	0	5	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	2	5	0	0	3	1	6.5	0.3	16.1	VS	VS	85	30	20	10	40	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	2	6	0	1	1	0	4.5	0.7	175.7	VS	VS	95	50	30	0	20	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	2	7	0	0	3	0.5	4	0.4	15.1	VS	VS	90	20	20	0	60	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	2	8	0	1	1	0	5.5	0.45	54.9	VS	VS	90	30	20	0	50	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	2	9	1	0	2	0	5.5	1.2	8.9	VS	VS	80	25	15	10	50	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	2	10	1	0	2	0	6.1	1	17.5	VS	VS	85	25	15	0	60	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	2	11	0	1	1	0	6	0.6	43.9	VS	VS	75	40	20	5	35	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	2	12	1	0	2	0	7.3	1.1	21.9	VS	VS	80	50	10	0	40	0	0	0	1	M	L
2/26/2001	Sulphur	Sulphur	00	2	13	0	0	3	1	7.2	0.3	9.7	VS	VS	70	25	10	10	55	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	3	1	0	1	1	0	5.2	0.6	264.9	VS	VS	90	70	15	0	15	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	3	2	0	0	3	1.5	6	0.3	91.2	VS	VS	70	10	20	25	45	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	3	3	0	1	1	0	9.4	0.7	93.2	VS	VS	95	70	25	0	5	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	3	4	0	0	3	0.5	9.4	0.35	12.3	VS	VS	75	30	20	0	50	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	4	1	0	1	1	0	5.5	0.65	139.1	VS	VS	75	10	45	0	45	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	4	2	0	0	3	0.5	3.9	0.35	99.2	VS	VS	35	10	20	45	25	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	4	3	1	0	5	0	3	0.8	3	VS	VS	45	10	5	15	70	0	0	0	1	M	L
2/26/2001	Sulphur	Sulphur	00	4	4	0	0	3	0.5	4.8	0.3	31.2	VS	VS	75	15	10	50	25	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	4	5	1	0	2	0	5.3	0.75	12.2	NE	NE	85	15	40	35	10	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	4	6	0	1	1	0	4.3	0.45	35.9	VS	VS	90	15	65	20	0	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	4	7	0	0	3	0.5	4.4	0.35	265.9	VS	VS	90	10	35	20	35	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	4	8	0	1	1	0	4.9	0.5	82.2	VS	VS	90	20	60	0	20	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	4	9	0	0	3	3	4.1	0.2	8.3	VS	VS	75	5	20	45	25	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	4	10	0	1	1	0	5.4	0.6	55.4	VS	VS	75	15	40	15	30	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	4	11	0	0	3	0.5	4.8	0.3	110.9	VS	VS	70	20	25	15	40	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	4	12	0	1	1	0	7.4	0.4	44.6	VS	VS	55	5	30	30	35	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	4	13	0	0	3	0.5	4.5	0.3	346.8	VS	VS	65	5	30	20	45	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	4	14	0	1	1	0	5.1	0.5	88.7	VS	VS	80	10	60	0	30	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	4	15	0	0	3	0.5	5.8	0.35	165.4	VS	VS	75	15	25	25	35	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	4	16	1	0	4	0	6.1	0.65	8.2	VS	VS	80	10	40	30	20	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	4	17	0	0	3	0.5	6.5	0.4	40.6	VS	VS	70	10	40	20	30	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	4	18	1	0	2	0	6.9	0.65	19.6	VS	VS	70	10	60	5	20	5	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	4	19	0	0	3	0.5	5.8	0.3	39.9	VS	VS	75	15	30	40	25	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	4	20	1	0	2	0	6.6	0.7	10.2	VS	VS	75	15	50	15	20	0	0	0	1	L	L
2/26/2001	Sulphur	Sulphur	00	4	21	0	0	3	0.5	5.7	0.25	171.6	VS	VS	50	0	40	40	20	0	0	0	1	L	L

Date	Sub-basin	Drain	Channel		Unit	Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate					Active Wood	Wood Class	Cover Score			
			type	Reac h		Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organic s	Sand	Gravel	Cobble	Boulder			Bedrock	Vertical	Horizontal	
2/26/2001	Sulphur	Sulphur	00	4	22	0	1	1	0	5.6	0.3	91.6	VS	VS	75	15	45	25	15	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	4	23	0	0	3	0.5	5.1	0.25	183.4	VS	VS	65	5	25	55	15	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	4	24	0	1	1	0	4.9	0.3	26.1	VS	VS	70	15	45	30	10	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	1	0	1	1	0	4.9	0.4	55.1	VS	VS	85	10	65	15	10	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	2	0	0	3	0.5	5.1	0.2	108.8	VS	VS	75	5	25	60	10	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	3	1	0	2	0	5.3	0.9	11.5	NE	NE	20	0	15	25	60	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	4	0	0	3	0.5	7.1	0.25	28.7	VS	BC	35	0	25	30	45	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	5	0	1	1	0	6.2	0.4	34	VS	BC	85	15	55	10	30	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	6	0	0	3	0.5	5.1	0.25	152.9	VS	AE	80	5	30	35	30	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	7	0	1	1	0	4.6	0.3	43.3	VS	VS	85	0	65	10	25	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	8	0	0	3	0.5	4.8	0.25	118.5	VS	VS	75	5	40	25	30	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	9	0	1	1	0	5	0.35	40.9	VS	VS	85	15	45	5	35	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	10	0	0	3	0.5	5.9	0.25	41.2	VS	VS	70	5	55	15	25	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	11	0	1	1	0	5.9	0.4	40	VS	VS	80	10	65	5	20	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	12	0	0	3	0.5	4.5	0.25	74.2	VS	VS	65	15	30	10	45	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	13	0	1	1	0	5.1	0.3	50.9	VS	VS	55	10	30	10	50	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	14	0	0	3	0.5	6	0.25	102.1	VS	VS	75	15	25	10	50	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	15	1	0	2	0	7.2	0.9	13.1	VS	VS	60	10	40	25	25	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	16	0	0	3	0.5	5.3	0.25	260.8	VS	VS	55	5	35	25	35	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	17	0	1	1	0	6	0.3	25.3	VS	VS	60	10	30	45	15	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	18	0	0	3	0.5	6.2	0.25	78.6	VS	VS	30	--	--	25	45	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	19	1	0	7	0	4.3	1.5	52.9	NE	NE	50	--	--	55	0	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	20	0	0	5	--	--	0.6	1.7	--	--	--	--	--	--	--	--	--	--	--	--	--	
2/26/2001	Sulphur	Sulphur	00	5	21	0	1	1	0.5	4.1	0.15	61.8	NE	NE	100	CONCRETE	--	--	--	--	--	--	--	--	--	--
2/26/2001	Sulphur	Sulphur	00	5	22	0	0	3	0.5	4.3	0.25	114.7	VS	VS	80	15	55	10	20	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	23	0	1	1	0	4.5	0.45	68.7	VS	VS	85	5	70	10	15	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	24	0	0	3	0.5	4.5	0.3	162	VS	VS	60	10	35	20	35	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	25	0	1	1	0	4.4	0.4	25.6	VS	VS	55	15	40	25	20	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	26	0	0	3	0.5	4.4	0.25	92.1	VS	VS	75	15	35	20	30	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	27	0	1	1	0	4.5	0.4	27.1	VS	VS	85	20	50	5	25	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	28	0	0	3	0.5	4.4	0.3	13.8	VS	VS	50	15	20	15	50	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	29	1	0	2	0	5.5	0.6	6.4	VS	VS	50	25	40	10	25	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	30	0	1	1	0	4.8	0.35	106.7	VS	VS	60	15	45	15	25	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	31	0	0	3	0.5	4	0.2	13.2	VS	VS	80	0	20	80	0	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	32	0	1	1	0	3.8	0.4	59.3	VS	VS	75	10	60	15	15	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	33	0	0	3	1	3.6	0.2	4.4	VS	VS	70	10	20	30	40	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	34	0	1	1	0	4.5	0.35	50.8	VS	VS	85	20	45	10	25	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	35	0	0	3	0.5	4.6	0.2	7.7	VS	VS	80	5	35	35	25	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	36	0	1	1	0	4.6	0.4	33.4	VS	VS	90	15	60	10	15	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	37	0	0	3	0.5	4.3	0.2	104.9	VS	VS	80	15	60	5	20	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	38	0	1	1	0	4.7	0.3	26.1	VS	VS	90	10	55	10	25	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	39	0	0	3	0.5	4.2	0.2	53.1	VS	VS	75	10	35	25	30	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	40	1	0	4	0	5.6	0.5	8	VS	VS	75	15	50	20	15	0	0	0	1	L	L	
2/26/2001	Sulphur	Sulphur	00	5	41	0	1	1	0	4.3	0.25	11.5	BC	BC	80	15	45	15	25	0	0	0	1	L	L	
2/28/2001	Sulphur	Sulphur	00	6	1	1	0	5	0	4.5	0.9	3.2	VS	VS	20	0	15	10	75	0	0	0	1	M	L	
2/28/2001	Sulphur	Sulphur	00	6	2	0	1	1	0	6.8	0.5	245.6	VS	VS	75	20	35	25	20	0	0	0	1	L	L	
2/28/2001	Sulphur	Sulphur	00	6	3	0	0	3	.5	3.25	0.1	6.9	VS	VS	20	0	15	65	20	0	0	0	1	L	L	
2/28/2001	Sulphur	Sulphur	00	6	4	0	1	1	0	4	0.15	66.4	VS	VS	75	30	50	15	5	0	0	0	1	L	L	
2/28/2001	Sulphur	Sulphur	00	6	5	0	0	3	1	4.75	0.1	11.8	VS	VS	60	5	20	50	25	0	0	0	1	L	L	
2/28/2001	Sulphur	Sulphur	00	6	6	0	1	1	0	4.75	0.15	152.1	VS	VS	90	35	50	5	10	0	0	0	1	L	L	
2/28/2001	Sulphur	Sulphur	00	6	7	0	0	3	.5	4.5	0.05	10.3	VS	VS	50	5	25	55	15	0	0	0	1	L	L	
2/28/2001	Sulphur	Sulphur	00	6	8	0	1	1	0	4.5	0.15	69.7	VS	VS	100	15	85	0	0	0	0	0	1	L	L	
2/28/2001	Sulphur	Sulphur	00	6	9	0	0	3	1	5	0.1	9	VS	VS	75	0	20	60	20	0	0	0	1	L	L	
2/28/2001	Sulphur	Sulphur	00	6	10	0	1	1	0	4.8	0.3	99.9	VS	VS	95	50	30	10	10	0	0	0	1	L	L	
2/28/2001	Sulphur	Sulphur	00	6	11	0	0	3	1	4	0.1	65.2	VS	VS	35	25	10	20	40	5	0	0	1	L	L	
2/28/2001	Sulphur	Sulphur	00	6	12	1	0	5	0	40.5	2	19	NE	VS	15	35	20	10	20	15	0	0	1	L	L	
2/28/2001	Sulphur	JD 33.4	10	1	1	1	0	2	0	4.5	1	10.6	AE	VS	95	35	50	0	10	5	0	0	1	L	L	
2/28/2001	Sulphur	JD 33.4	10	1	2	0	1	1	0	4.25	0.5	11.3	AE	VS	90	20	55	5	20	0	0	0	1	L	L	

Date	Sub-basin	Drain	Channel		Unit	Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate					Active Wood	Wood Class	Cover Score			
			type	Reach		Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organics	Sand	Gravel	Cobble	Boulder			Bedrock	Vertical	Horizontal	
2/28/2001	Sulphur	JD 33.4	10	1	3	1	0	2	0	5.2	1.25	8.3	AE	VS	100	30	70	0	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	4	0	1	1	0	3	0.5	30.9	AE	VS	90	25	45	10	20	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	5	1	0	2	0	4	1.1	6.8	AE	VS	90	30	50	10	5	5	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	6	0	1	1	0	3	0.5	188.5	VS	VS	95	40	30	10	20	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	7	1	0	2	0	3.25	1	4.8	VS	VS	75	30	25	25	20	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	8	0	1	1	0	3.25	0.5	43	VS	VS	100	70	30	0	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	9	1	0	2	0	3.25	1.2	3.4	VS	VS	95	50	30	10	10	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	10	0	1	1	0	3.3	0.5	8.5	VS	VS	100	70	30	0	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	11	1	0	2	0	3.7	1.2	8.9	VS	VS	100	70	30	0	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	12	0	1	1	0	3.3	0.7	93.9	VS	VS	95	50	40	5	5	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	13	1	0	2	0	3.8	1	9.2	VS	VS	80	50	25	15	10	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	14	1	0	4	0	3	1	23.5	VS	VS	90	40	30	20	10	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	15	0	1	1	0	3.8	0.5	18.4	AE	VS	100	70	30	0	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	16	1	0	2	0	5	1.5	8.6	VS	AE	100	70	30	0	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	17	0	1	1	0	3.3	0.7	203.3	AE	VS	95	50	30	15	5	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	18	1	0	2	0	3.5	1.2	6.5	VS	AE	90	50	30	10	10	0	0	0	0	2	L	L
2/28/2001	Sulphur	JD 33.4	10	1	19	0	1	1	0	3.3	0.6	122	VS	VS	100	70	30	0	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	20	1	0	5	0	4	1.9	7.7	VS	VS	100	70	30	0	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	21	0	0	5	--	--	0.3	0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/28/2001	Sulphur	JD 33.4	10	1	22	0	0	3	2	2	0.4	463	VS	VS	60	30	20	20	25	5	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	23	0	1	1	0	2.3	0.4	51.2	VS	VS	50	30	30	30	10	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	24	1	0	2	0	4.5	1.3	8.4	VS	VS	100	70	30	0	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	25	0	1	1	0	4.3	0.4	79	VS	VS	60	50	20	15	15	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	26	0	0	3	0.5	5.5	0.3	6.6	BC	BC	65	15	35	30	20	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	27	1	0	5	0	3.8	1	20	VS	VS	60	0	10	30	50	10	0	0	0	1	H	L
2/28/2001	Sulphur	JD 33.4	10	1	28	CVT	--	--	0.5	1.5	0.2	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/28/2001	Sulphur	JD 33.4	10	1	29	0	0	3	0.5	3.5	0.6	7.6	AE	VS	30	10	25	40	25	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	30	CVT	--	--	0.5	1.5	0.2	9.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/28/2001	Sulphur	JD 33.4	10	1	31	0	1	1	0	5.6	0.4	784	AE	AE	65	35	0	0	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	32	0	0	3	2	4.25	0.2	14.9	VS	AE	0	15	50	35	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	33	CVT	--	--	0.5	1.7	0.15	4.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/28/2001	Sulphur	JD 33.4	10	1	34	0	1	1	0	4.9	0.3	240	VS	VS	70	30	0	0	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	35	1	0	3	0	7.5	2	9.6	VS	VS	70	30	0	0	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	35	CVT	--	--	0.5	1.5	0.1	4.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/28/2001	Sulphur	JD 33.4	10	1	37	0	1	1	0	4.5	0.25	474	VS	VS	70	30	0	0	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	38	0	0	3	1	2.25	0.4	9.2	VS	VS	0	10	40	50	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	39	0	1	1	0	3.2	0.5	33.3	AE	AE	35	50	5	10	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	40	1	0	2	0	3.5	1	4.8	VS	AE	60	30	0	10	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	41	0	0	3	0.5	2.5	0.5	14.5	VS	VS	0	10	40	50	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	42	1	0	2	0	3	1.25	9.5	VS	VS	20	50	10	20	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	43	0	1	1	0	2.8	0.5	22.5	VS	VS	15	30	15	40	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	44	0	0	3	2	2.8	0.25	68.1	VS	VS	5	15	60	20	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	45	CVT	--	--	0	1.5	0.2	15.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/28/2001	Sulphur	JD 33.4	10	1	46	0	1	1	0	3.7	0.4	123.8	VS	VS	100	70	30	0	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	47	0	0	3	1	2.9	0.45	23.6	VS	VS	60	10	15	15	60	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	48	CVT	--	--	--	3	0.4	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/28/2001	Sulphur	JD 33.4	10	1	49	0	0	3	1	2.8	0.4	21.9	VS	BC	10	0	10	20	70	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	50	0	1	1	0	2.4	0.5	35	VS	VS	15	10	15	50	25	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	51	0	0	3	1.5	2.4	0.6	53.3	VS	AE	10	0	20	30	50	0	0	0	0	1	M	L
2/28/2001	Sulphur	JD 33.4	10	1	52	0	1	1	0	2.5	0.45	144.9	VS	VS	10	30	15	25	30	0	0	0	0	1	M	L
2/28/2001	Sulphur	JD 33.4	10	1	53	0	0	3	0.5	2.4	0.4	34.7	VS	VS	75	20	40	15	25	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	54	0	1	1	0	3.2	0.45	14.9	VS	VS	100	60	20	10	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	55	CVT	--	--	0	1.5	0.3	81.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/28/2001	Sulphur	JD 33.4	10	1	56	0	1	1	0	3.3	0.25	50.8	VS	VS	95	60	30	10	0	0	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	57	0	0	3	0.5	2.3	0.35	18.2	VS	VS	25	10	35	30	20	5	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	58	0	1	1	0	3.4	0.35	8	VS	VS	50	10	30	50	0	10	0	0	0	1	L	L
2/28/2001	Sulphur	JD 33.4	10	1	59	CVT	--	--	--	3	0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/1/2001	Sulphur	JD 43.9	10	1	1	0	0	3	3	3.2	0.65	87.1	VS	VS	40	0	15	30	50	5	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	1	2	CVT	--	--	1	1.25	0.4	21.1	--	--	100	--	--	--	--	--	--	--	--	--	--	--



Date	Sub-basin	Drain	Channel		Unit	Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate					Active Wood	Wood Class	Cover Score			
			type	Reac h		Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organics	Sand	Gravel	Cobble	Boulder			Bedrock	Wood	Vertical	Horizontal
3/1/2001	Sulphur	JD 43.9	10	1	3	0	1	1	0	4	0.35	759.9	AE	AE	100	70	25	5	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	1	4	0	0	3	0.5	3.6	0.4	17.3	AE	AE	80	40	40	20	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	1	5	0	1	1	0	3.4	0.4	101.8	AE	AE	95	40	50	10	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	1	6	1	0	2	0	5.7	0.8	9.4	AE	AE	80	40	10	20	30	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	1	7	CVT	--	--	0.5	1.5	0.5	5.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/1/2001	Sulphur	JD 43.9	10	1	8	0	1	1	0	4.2	0.4	520	VS	VS	100	70	30	0	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	1	9	1	0	2	0	3.5	1	9.9	AE	AE	100	65	30	5	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	1	10	CVT	--	--	0	2.5	0.6	25.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/1/2001	Sulphur	JD 43.9	10	1	11	0	1	1	0	3.8	0.45	170	AE	AE	100	70	30	0	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	1	12	1	0	2	0	3.3	0.8	9.9	VS	VS	6	50	25	25	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	1	13	0	1	1	0	4.7	0.5	10.5	VS	VS	95	45	50	5	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	1	14	0	0	2	4	3	0.4	8.3	VS	VS	0	0	0	15	60	25	0	0	0	1	H	M
3/1/2001	Sulphur	JD 43.9	10	1	15	0	1	1	0	4.4	0.3	325	AE	AE	100	50	50	0	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	1	16	1	0	2	0	5.5	0.8	14.1	AE	AE	85	35	50	5	10	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	1	17	CVT	--	--	0	1.3	0.4	9.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/1/2001	Sulphur	JD 43.9	10	1	18	0	1	1	0	3.7	0.4	753	AE	AE	90	60	35	5	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	1	19	0	0	3	.5	3	0.3	41	AE	AE	40	20	35	35	100	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	1	20	1	0	5	0	5.5	1	3.5	AE	VS	75	0	0	60	35	5	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	1	21	CVT	--	--	.5	2	0.5	21	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/1/2001	Sulphur	JD 43.9	10	1	22	0	1	1	0	3.6	0.4	254.4	AE	VS	100	40	60	0	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	1	23	0	0	3	1	3.1	0.4	7	AE	AE	100	0	40	40	20	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	1	24	0	1	1	0	3.1	0.4	60.9	AE	AE	90	30	60	10	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	1	25	0	0	3	1.5	3.5	0.25	19.4	VS	VS	55	0	15	50	35	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	1	26	1	0	5	0	3	0.6	2.3	VS	VS	55	0	5	45	50	0	0	0	0	1	M	L
3/1/2001	Sulphur	JD 43.9	10	1	27	0	0	3	2	3	0.25	35.5	VS	VS	60	0	10	45	45	0	0	0	0	1	M	L
3/1/2001	Sulphur	JD 43.9	10	1	28	CVT	--	--	--	1.3	0.3	17.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/1/2001	Sulphur	JD 43.9	10	2	1	0	1	1	0	3.6	0.35	648.5	VS	VS	100	40	60	0	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	2	2	1	0	4	0	3	0.8	7.4	VS	VS	70	30	60	10	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	2	3	0	0	3	0.5	2.9	0.25	13.8	VS	VS	60	30	40	20	10	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	2	4	0	1	1	0	3.7	0.35	8.4	VS	VS	100	60	40	0	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	2	5	1	0	5	0	4.6	1.8	8.9	NE	NE	100	60	40	0	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	2	6	CVT	--	--	0	2	0.3	13.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/1/2001	Sulphur	JD 43.9	10	3	1	0	0	5	--	--	0.5	0.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/1/2001	Sulphur	JD 43.9	10	3	2	0	1	1	0	3	0.45	343.1	AE	VS	100	60	40	0	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	3	3	CVT	--	--	0	1.5	0.3	5.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/1/2001	Sulphur	JD 43.9	10	3	4	0	1	1	0	4.5	0.25	182	AE	VS	55	35	50	15	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	3	5	CVT	--	--	0	1	0.35	19.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/1/2001	Sulphur	JD 43.9	10	3	6	0	1	1	0	3	0.35	59.4	VS	VS	40	65	20	15	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	4	1	0	1	1	0	1.4	0.15	3	VS	VS	25	25	50	25	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	4	2	CVT	--	--	--	1.25	0.3	19	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/1/2001	Sulphur	JD 43.9	10	4	3	0	0	3	0.5	2	0.15	12.3	VS	VS	40	25	50	25	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	4	4	0	1	1	0	1.9	0.15	36.5	VS	VS	100	30	70	0	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	4	5	0	0	3	0.5	1.7	0.15	28.1	AE	VS	40	10	20	70	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	4	6	CVT	--	--	0	1.25	0.25	28	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/1/2001	Sulphur	JD 43.9	10	4	7	0	1	1	0	4.2	0.2	298	AE	AE	100	70	30	0	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	4	8	CVT	--	--	0	1.25	0.25	75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/1/2001	Sulphur	JD 43.9	10	4	9	0	1	1	0	2.1	0.15	13.6	AE	AE	--	40	60	0	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	4	10	0	0	3	0.5	1.8	0.15	4.1	AE	AE	25	15	35	50	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	4	11	0	1	1	0	2.4	0.25	12.3	AE	AE	40	50	40	10	0	0	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	4	12	1	0	5	0	1.2	0.7	1.9	AE	AE	100	30	60	0	0	10	0	0	0	1	L	L
3/1/2001	Sulphur	JD 43.9	10	4	13	0	0	5	--	--	0.35	0.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/1/2001	Sulphur	JD 43.9	10	4	14	CVT	--	--	--	1.3	0.2	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/1/2001	Sulphur	JD 43.9	10	5	1	unsampled	--	--	--	--	--	920	AE	AE	--	--	--	--	--	--	--	--	--	--	--	--
3/2/2001	Sulphur	JD 43.9	10	6	1	0	0	3	0.5	1.1	0.15	18.3	AE	VS	10	20	70	10	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	2	0	1	1	0	1.1	0.2	32	AE	AE	10	20	70	10	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	3	0	0	4	1	1	0.2	15.9	AE	AE	15	15	70	15	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	4	0	1	1	0	1.1	0.2	22.4	AE	AE	10	15	75	10	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	5	0	0	4	1	0.9	0.2	17.9	AE	AE	25	10	70	20	0	0	0	0	0	1	L	L

Date	Sub-basin	Drain	Channel		Unit	Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate					Active Wood	Wood Class	Cover Score			
			type	Reac h		Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organics	Sand	Gravel	Cobble	Boulder			Bedrock	Vertical	Horizontal	
3/2/2001	Sulphur	JD 43.9	10	6	6	0	0	3	1	0.9	0.2	57	AE	AE	20	20	65	15	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	7	1	0	2	0	1.7	0.45	1.9	AE	AE	15	10	85	5	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	8	0	0	3	2	1.2	0.2	33.3	AE	AE	25	5	75	20	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	9	1	0	2	0	1	0.6	3	AE	AE	10	10	75	15	0	0	0	0	0	1	H	L
3/2/2001	Sulphur	JD 43.9	10	6	10	0	0	4	3.5	0.8	0.25	22.2	AE	AE	100	30	70	0	0	0	0	0	0	1	M	L
3/2/2001	Sulphur	JD 43.9	10	6	11	0	0	3	1	1.3	0.15	12.4	AE	AE	20	10	70	20	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	12	0	0	4	1.5	0.9	0.2	42.9	AE	AE	20	10	75	15	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	13	1	0	5	0	1.3	1.1	4.5	AE	AE	100	5	85	10	0	0	0	0	0	1	H	L
3/2/2001	Sulphur	JD 43.9	10	6	14	0	0	4	2.5	0.8	0.15	8.8	AE	AE	100	25	75	0	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	15	0	0	3	1.5	1.3	0.2	83.4	AE	AE	35	5	60	35	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	16	1	0	2	0	2.9	0.6	2.7	AE	AE	30	15	75	10	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	17	0	0	5	--	--	0.4	2.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/2/2001	Sulphur	JD 43.9	10	6	18	1	0	5	0	2.6	0.5	1.8	BC	BC	5	0	15	50	35	0	0	0	0	1	H	L
3/2/2001	Sulphur	JD 43.9	10	6	19	0	0	5	--	--	0.25	0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/2/2001	Sulphur	JD 43.9	10	6	20	CVT	--	--	--	0.9	0.1	13.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/2/2001	Sulphur	JD 43.9	10	6	21	0	1	1	0	1.8	0.2	80	AE	AE	100	40	60	0	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	22	0	0	3	2	2	0.15	61.1	AE	AE	10	20	70	10	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	23	1	0	5	0	2.3	0.7	50	VS	VS	65	5	65	15	10	5	0	0	0	1	H	L
3/2/2001	Sulphur	JD 43.9	10	6	24	0	0	5	0	4.1	0.25	0.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/2/2001	Sulphur	JD 43.9	10	6	25	CVT	--	--	--	0.6	0.15	6.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/2/2001	Sulphur	JD 43.9	10	6	26	0	1	1	0	1.8	0.2	53.2	VS	VS	60	20	70	10	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	27	0	0	3	1	1.5	0.15	46.4	AE	AE	30	5	70	25	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	28	0	0	4	4	1	0.2	27.2	VS	VS	100	25	76	0	0	0	0	0	0	1	M	L
3/2/2001	Sulphur	JD 43.9	10	6	29	0	1	1	0	2.3	0.2	78	VS	VS	100	25	76	0	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	30	0	0	3	2	1.6	0.15	95.6	AE	VS	45	15	80	5	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	31	0	1	1	5	1.9	0.2	53.7	AE	VS	100	30	70	0	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	32	0	0	3	2	1.4	0.1	45.2	AE	VS	30	20	75	5	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	33	1	0	4	0	2.6	0.4	10.6	AE	AE	100	30	70	0	0	0	0	0	0	1	M	L
3/2/2001	Sulphur	JD 43.9	10	6	34	0	0	3	3	1.9	0.1	8.4	AE	AE	5	25	65	0	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	35	1	0	5	0	1.9	0.9	2.8	BC	VS	5	10	50	35	5	0	0	0	0	1	H	L
3/2/2001	Sulphur	JD 43.9	10	6	36	0	0	5	--	--	0.3	0.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/2/2001	Sulphur	JD 43.9	10	6	37	CVT	--	--	--	0.8	0.1	13.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/2/2001	Sulphur	JD 43.9	10	6	38	0	1	1	0.5	1.7	0.2	26.2	AE	AE	100	35	65	0	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	39	1	0	5	0	5.7	1.1	5.7	AE	AE	100	20	75	5	0	0	0	0	0	1	H	--
3/2/2001	Sulphur	JD 43.9	10	6	40	0	0	5	--	--	1	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/2/2001	Sulphur	JD 43.9	10	6	41	CVT	--	--	--	0.65	0.15	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/2/2001	Sulphur	JD 43.9	10	6	42	0	1	1	0	1.8	0.2	48.2	AE	VS	45	30	70	0	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	43	1	0	2	0	1.5	0.3	4.4	VS	VS	25	30	30	40	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	44	0	1	1	0	1.9	0.2	46.6	VS	VS	100	20	80	0	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	45	0	0	3	1.5	1.5	0.15	131	VS	VS	10	0	45	40	15	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	46	1	0	5	0	2.3	0.3	2.5	VS	AE	85	15	75	10	0	0	0	0	0	1	M	L
3/2/2001	Sulphur	JD 43.9	10	6	47	2	2	NA	1.5	1.5	0.2	80.1	AE	VS	15	10	60	15	15	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	48	0	0	1	15	4	0.2	5.9	BC	BC	15	0	10	5	50	35	0	0	0	1	H	H
3/2/2001	Sulphur	JD 43.9	10	6	49	CVT	--	--	--	0.9	0.1	18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/2/2001	Sulphur	JD 43.9	10	6	50	2	2	NA	2	1.5	0.1	270	AE	AE	10	0	35	60	5	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 43.9	10	6	51	1	0	5	0	3.4	0.25	3.4	VS	AE	5	0	5	75	20	0	0	0	0	1	H	L
3/2/2001	Sulphur	JD 44.9	10	1	1	0	1	1	0	2.3	0.4	350.3	AE	VS	10	25	60	15	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 44.9	10	1	2	0	0	3	0.5	1.7	0.25	60.5	VS	AE	10	20	55	20	5	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 44.9	10	1	3	0	1	1	0	1.8	0.4	48.2	VS	VS	0	30	70	0	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 44.9	10	1	4	0	0	3	0.5	1.6	0.2	10.6	BC	VS	0	0	0	20	80	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 44.9	10	1	5	CVT	--	--	--	0.5	1.5	0.2	200	--	--	--	--	--	--	--	--	--	--	--	--	--
3/2/2001	Sulphur	JD 44.9	10	1	6	0	1	1	0	0.3	0.3	65	VS	VS	100	60	40	0	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 44.9	10	1	7	CVT	--	--	--	0.5	0.2	0.2	200	--	--	--	--	--	--	--	--	--	--	--	--	--
3/2/2001	Sulphur	JD 44.9	10	1	8	0	1	1	0	2.5	0.35	50	AE	AE	100	60	40	0	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 44.9	10	1	9	0	1	1	0	2.5	0.4	101.3	AE	AE	100	40	60	0	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 44.9	10	1	10	0	0	3	0.5	3.8	0.2	8	AE	AE	95	30	65	5	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 44.9	10	1	11	0	0	5	--	--	0.3	0.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/2/2001	Sulphur	JD 44.9	10	1	12	0	1	1	0	3	0.3	366.8	AE	AE	100	35	55	10	0	0	0	0	0	1	L	L
3/2/2001	Sulphur	JD 44.9	10	1	13	1	0	5	0	1.6	1.6	8	AE	VS	100	30	70	0	0	0	0	0	0	1	H	L



Date	Sub-basin	Drain	Channel		Unit	Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate					Active Wood	Wood Class	Cover Score			
			type	Reac h		Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organics	Sand	Gravel	Cobble	Boulder			Bedrock	Vertical	Horizontal	
3/3/2001	Sulphur	JD 40.2	10	1	3	0	0	3	.5	1.8	0.2	9.9	BC	BC	60	0	25	10	65	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	1	4	0	1	1	0	2	0.35	293.7	AE	VS	100	40	60	0	0	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	1	5	0	0	3	.5	2.2	0.25	17.4	BC	BC	30	20	35	20	25	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	1	6	0	1	1	0	2.3	0.25	221	AE	VS	100	30	70	0	0	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	1	7	0	0	3	1	2.1	0.2	8.1	BC	BC	80	10	20	30	40	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	1	8	0	1	1	0	2.3	0.35	115.8	AE	AE	100	30	70	0	0	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	1	9	0	0	3	1	2.6	0.2	27.9	AE	AE	65	15	30	30	25	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	1	10	0	1	1	0	2.1	0.4	244.4	BC	VS	100	30	70	0	0	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	1	11	0	0	3	.5	1.8	0.25	18.4	BC	BC	50	10	10	20	60	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	1	12	0	1	1	0	2.4	0.3	53.9	AE	VS	100	20	80	0	0	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	1	13	1	0	2	0	3.3	0.9	5.9	BC	AE	40	10	80	0	10	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	1	14	0	0	3	.5	2.3	0.15	19.6	BC	VS	75	10	15	25	50	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	1	15	0	1	1	0	2.3	0.5	20.1	AE	VS	100	20	70	0	0	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	1	16	1	0	2	0	4.5	2	9.3	BC	VS	100	20	80	0	0	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	2	1	0	0	3	0.5	2.3	0.15	12.1	BC	VS	75	10	15	--	75	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	2	2	0	1	1	0	1.8	0.35	156.7	VS	VS	100	30	70	0	0	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	2	3	0	0	3	0.5	3.5	0.15	21.7	AE	AE	75	25	15	60	0	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	2	4	0	1	1	0	3.8	0.3	18	AE	AE	100	40	60	0	0	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	2	5	0	0	3	0.5	4	0.15	6.8	AE	AE	50	0	15	65	20	0	0	0	0	1	M	L
3/3/2001	Sulphur	JD 40.2	10	2	6	0	0	5	--	--	0.5	0.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/3/2001	Sulphur	JD 40.2	10	2	7	1	1	0	0	4.2	0.7	4.8	BC	AE	80	20	60	0	20	0	0	0	0	1	M	M
3/3/2001	Sulphur	JD 40.2	10	2	8	0	1	1	0	3	0.35	572.4	VS	VS	100	30	70	0	0	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	2	9	0	0	3	0.5	1.8	0.3	22.7	VS	VS	70	20	50	0	30	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	2	10	0	1	1	0	2.2	0.4	42.2	VS	VS	100	40	60	0	0	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	2	11	0	0	4	1	2.1	0.35	17.3	VS	VS	100	30	70	0	0	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	2	12	0	1	1	0	2.5	0.25	292.7	VS	VS	100	30	70	0	0	0	0	0	0	1	L	L
3/3/2001	Sulphur	JD 40.2	10	2	13	0	0	3	2.5	2.5	0.2	4	BC	BC	10	0	15	30	55	0	0	0	0	1	L	L
3/4/2001	Sulphur	JD 40.2	10	2	14	0	1	1	0	2.7	0.2	256.9	VS	VS	100	30	70	0	0	0	0	0	0	1	L	L
3/4/2001	Sulphur	JD 40.2	10	2	15	1	0	2	0	5.2	1.3	6.5	AE	VS	100	30	70	0	0	0	0	0	0	1	L	L
3/4/2001	Sulphur	JD 40.2	10	2	16	0	1	1	0	1.9	0.3	301.4	AE	AE	100	40	60	0	0	0	0	0	0	1	L	L
3/4/2001	Sulphur	JD 40.2	10	2	17	1	0	2	0	1.4	0.8	12.1	VS	VS	100	30	70	0	0	0	0	0	0	1	M	L
3/4/2001	Sulphur	JD 40.2	10	2	18	0	1	1	0	2.8	0.3	18.7	VS	VS	90	20	70	5	0	0	0	0	0	1	L	L
3/4/2001	Sulphur	JD 40.2	10	2	19	1	0	2	0	2.1	0.9	9.2	AE	VS	90	20	70	5	0	0	0	0	0	1	L	L
3/4/2001	Sulphur	JD 40.2	10	2	20	0	1	1	0	1.9	0.3	81.3	VS	VS	90	25	70	5	0	0	0	0	0	1	M	L
3/4/2001	Sulphur	JD 40.2	10	2	21	1	0	2	0	2.5	0.8	8.5	AE	AE	100	30	70	0	0	0	0	0	0	1	M	L
3/4/2001	Sulphur	JD 40.2	10	2	22	0	1	1	0	1.8	0.4	24.8	AE	VS	90	25	70	5	0	0	0	0	0	1	M	L
3/4/2001	Sulphur	JD 40.2	10	2	23	1	0	7	0	3.7	0.5	4	AE	VS	90	20	70	10	0	0	0	0	0	1	H	L
3/4/2001	Sulphur	JD 40.2	10	2	24	0	0	3	0	2.8	0.3	10.5	AE	VS	100	30	70	0	0	0	0	0	0	1	M	L
3/4/2001	Sulphur	JD 40.2	10	2	25	0	1	1	0	2.1	0.3	37.3	AE	AE	60	15	75	10	0	0	0	0	0	1	M	L
3/4/2001	Sulphur	JD 40.2	10	2	26	0	0	3	1	2.9	0.25	12.1	VS	VS	90	25	70	5	0	0	0	0	0	1	M	L
3/4/2001	Sulphur	JD 40.2	10	2	27	CVT	--	--	0.5	4.5	0.2	73.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/4/2001	Sulphur	JD 40.2	10	2	28	0	1	1	0	3.6	0.45	33.3	VS	VS	100	20	70	0	0	10	0	0	0	1	M	M
3/4/2001	Sulphur	JD 40.2	10	2	29	0	0	1	11	3.3	0.25	3.4	BC	BC	100	0	75	0	0	25	0	0	0	1	H	H
3/4/2001	Sulphur	JD 40.2	10	2	30	1	1	0	0	3.1	0.6	6.4	BC	BC	100	60	20	0	0	20	0	0	0	1	H	H
3/4/2001	Sulphur	JD 40.2	10	2	31	CVT	--	--	--	4.5	0.3	65.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/4/2001	Sulphur	JD 40.2	10	2	32	0	1	1	0	2.4	0.3	10.4	BC	BC	65	30	60	10	0	0	0	0	0	1	L	L
3/4/2001	Sulphur	JD 40.2	10	2	33	0	0	3	0.5	2.9	0.2	13	BC	BC	75	10	50	30	0	10	0	0	0	1	M	M
3/4/2001	Sulphur	JD 40.2	10	2	34	0	0	5	--	--	0.25	0.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/4/2001	Sulphur	JD 40.2	10	2	35	1	1	0	0	3.4	0.5	6.9	NE	NE	100	60	40	0	0	0	0	0	0	1	H	H
3/4/2001	Sulphur	JD 40.2	10	2	36	CVT	--	--	0	4.5	0.3	24.4	--	--	--	20	80	0	0	0	0	0	--	--	--	--
3/4/2001	Sulphur	JD 40.2	10	3	1	0	0	3	0.5	3.5	0.3	8.8	BC	BC	40	0	45	30	0	25	0	0	0	1	M	H
3/4/2001	Sulphur	JD 40.2	10	3	2	0	0	5	--	--	0.7	0.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/4/2001	Sulphur	JD 40.2	10	3	3	0	1	1	0	4.2	1.2	74	BC	BC	100	70	30	0	0	0	0	0	0	1	L	L
3/4/2001	Sulphur	JD 40.2	10	3	4	0	1	1	0	2.6	0.55	508.7	VS	VS	100	70	30	0	0	0	0	0	0	1	L	L
3/4/2001	Sulphur	JD 40.2	10	3	5	0	0	3	1.5	2.5	0.3	42.2	VS	VS	25	20	50	15	15	0	0	0	0	1	L	L
3/4/2001	Sulphur	JD 40.2	10	3	6	0	1	1	0	1.9	0.4	46.5	VS	VS	100	40	60	0	0	0	0	0	0	1	L	L
3/4/2001	Sulphur	JD 40.2	10	4	1	0	1	1	0	2.4	0.3	8	VS	VS	100	40	60	0	0	0	0	0	0	1	L	L
3/4/2001	Sulphur	JD 40.2	10	4	2	0	0	3	2.5	3.2	0.3	8.5	NE	AE	90	25	70	5	0	0	0	0	0	1	L	L
3/7/2001	Sulphur	JD 40.2	10	4	3	1	1	0	0	2.8	0.8	11.5	VS	VS	100	60	40	0	0	0	0	0	0	1	H	M

Date	Sub-basin	Drain	Channel		Unit	Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate					Active Wood	Wood Class	Cover Score				
			type	Reach		Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organics	Sand	Gravel	Cobble	Boulder			Bedrock	Vertical	Horizontal		
3/7/2001	Sulphur	JD 40.2	10	4	4	0	1	1	0	2.6	0.4	223	VS	VS	100	60	40	0	0	0	0	0	0	0	1	L	L
3/7/2001	Sulphur	JD 40.2	10	4	5	0	0	5	--	--	0.2	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/7/2001	Sulphur	JD 40.2	10	4	6	0	1	1	0	1.9	0.25	281.5	VS	VS	100	20	70	0	0	0	0	0	3	1	M	L	
3/7/2001	Sulphur	JD 40.2	10	5	1	0	0	3	0.5	1.5	0.2	17.8	VS	VS	80	35	60	5	0	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	5	2	0	1	1	0	1.6	0.25	54.5	VS	VS	90	25	70	5	0	0	0	0	0	1	M	L	
3/7/2001	Sulphur	JD 40.2	10	5	3	1	0	7	0	2	0.6	4.1	VS	VS	100	40	60	0	0	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	5	4	0	1	1	0	1.9	0.35	28.7	VS	VS	100	40	60	0	0	0	0	0	0	1	M	L	
3/7/2001	Sulphur	JD 40.2	10	5	5	1	0	7	0	2.1	0.6	4.5	AE	VS	100	35	6	5	0	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	5	6	0	0	3	0.5	2.2	0.2	15.5	VS	VS	30	15	25	60	0	0	0	0	0	1	M	L	
3/7/2001	Sulphur	JD 40.2	10	5	7	1	0	7	0	3.1	0.6	10.8	VS	VS	100	35	60	7	0	0	0	0	0	1	M	L	
3/7/2001	Sulphur	JD 40.2	10	5	8	1	0	7	0	3	0.6	3.3	VS	VS	90	25	70	7	0	0	0	0	0	1	H	L	
3/7/2001	Sulphur	JD 40.2	10	5	9	0	0	3	0.5	1.5	0.15	5.8	VS	VS	30	0	25	75	0	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	5	10	0	1	1	0	1.7	0.3	10.2	VS	VS	90	25	70	5	0	0	0	0	0	1	M	L	
3/7/2001	Sulphur	JD 40.2	10	5	11	1	0	7	0	2.2	0.6	6.8	VS	VS	100	30	70	0	0	0	0	0	0	1	M	M	
3/7/2001	Sulphur	JD 40.2	10	5	12	0	1	1	0	2.1	0.4	5.9	VS	VS	80	40	50	60	0	0	0	0	0	1	M	M	
3/7/2001	Sulphur	JD 40.2	10	5	13	1	0	7	0	2.1	0.7	3.5	VS	VS	100	40	60	0	0	0	0	0	0	1	M	M	
3/7/2001	Sulphur	JD 40.2	10	5	14	0	0	3	0.5	1.8	0.15	5.9	VS	VS	40	0	20	80	0	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	5	15	0	1	1	0	1.8	0.3	9.9	VS	VS	100	30	70	0	0	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	5	16	1	0	7	0	3.1	0.6	3.8	VS	VS	100	25	70	6	0	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	5	17	0	0	3	0.5	1.8	0.2	1.7	VS	VS	30	5	30	65	0	0	0	0	0	1	M	L	
3/7/2001	Sulphur	JD 40.2	10	5	18	0	1	1	0	1.7	0.3	5.5	VS	VS	80	30	600	10	0	0	0	0	0	1	M	L	
3/7/2001	Sulphur	JD 40.2	10	5	19	1	0	5	0	2.6	0.55	3.7	VS	VS	40	20	70	10	0	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	5	20	0	0	5	--	--	0.25	0.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/7/2001	Sulphur	JD 40.2	10	5	21	1	0	7	0	2.1	0.9	8.5	AE	VS	100	60	40	0	0	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	5	22	1	0	4	0	3.1	0.8	2.4	VS	NE	100	60	40	0	0	0	0	0	0	1	M	L	
3/7/2001	Sulphur	JD 40.2	10	5	23	0	1	1	0	1.8	0.35	15	VS	VS	80	35	60	7	0	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	5	24	0	0	3	0.5	1.6	0.15	11.9	VS	VS	20	0	20	75	5	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	5	25	1	0	7	0	2.3	0.7	3.2	VS	VS	100	40	60	0	0	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	5	26	0	1	1	0	1.8	0.2	9	VS	VS	60	15	50	35	0	0	0	0	0	1	M	L	
3/7/2001	Sulphur	JD 40.2	10	5	27	1	0	7	0	2.1	0.7	10.4	VS	VS	100	40	50	10	0	0	0	0	0	1	M	L	
3/7/2001	Sulphur	JD 40.2	10	5	28	0	1	1	0	1.5	0.2	28.5	VS	VS	70	15	5	30	0	0	0	0	0	1	M	L	
3/7/2001	Sulphur	JD 40.2	10	5	29	0	0	3	1	1.5	0.1	105.9	VS	VS	20	5	15	80	0	0	0	0	0	1	M	L	
3/7/2001	Sulphur	JD 40.2	10	5	30	0	1	1	0	1.7	0.2	27.1	VS	VS	35	10	50	40	0	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	6	1	1	0	3	0.5	1.6	0.15	162.4	VS	VS	15	0	20	75	5	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	6	2	0	0	2	0	1.9	0.6	3.5	VS	VS	70	20	45	35	0	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	6	3	0	0	3	0.5	1.4	0.25	37.9	VS	VS	50	5	15	75	5	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	6	4	1	1	1	0	1.5	0.2	7.8	VS	VS	80	20	70	10	0	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	6	5	0	0	2	0	3.4	0.8	7.1	VS	VS	100	45	50	5	0	0	0	0	0	2	M	L	
3/7/2001	Sulphur	JD 40.2	10	6	6	0	0	3	1.5	1.7	0.15	23	VS	VS	40	0	25	70	5	0	0	0	0	1	M	L	
3/7/2001	Sulphur	JD 40.2	10	6	7	0	1	1	0	2	0.2	42.6	VS	VS	70	25	70	5	0	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	6	8	0	0	3	1	1.8	0.15	56.9	VS	VS	15	0	10	80	10	0	0	0	1	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	6	9	0	0	5	--	--	0.3	0.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/7/2001	Sulphur	JD 40.2	10	6	10	0	1	1	0	1.8	0.3	43.5	VS	VS	80	25	70	5	0	0	0	0	0	1	M	L	
3/7/2001	Sulphur	JD 40.2	10	6	11	1	0	7	0	4	0.7	6.5	VS	VS	50	60	30	10	0	0	0	0	0	1	M	L	
3/7/2001	Sulphur	JD 40.2	10	7	1	0	0	3	0.5	1.5	0.2	68.7	AE	AE	35	15	10	60	15	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	7	2	0	1	1	0	1.8	0.25	21.2	AE	AE	70	40	40	15	5	0	0	0	1	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	7	3	0	0	3	0.5	1.8	0.2	44.5	AE	AE	50	20	30	40	10	0	0	0	1	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	7	4	0	1	1	0	1.8	0.2	62.8	AE	AE	65	40	40	10	10	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	7	5	0	0	3	0.5	1.8	0.1	14	AE	AE	15	10	5	70	15	0	0	0	2	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	7	6	0	1	1	0	2.1	0.25	13.5	AE	AE	35	10	20	60	5	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	7	7	0	0	3	0.5	2.1	0.2	76	AE	AE	15	0	15	75	10	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	7	8	1	0	5	0	6.4	0.6	8	AE	AE	0	20	80	0	0	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	7	9	0	0	5	--	--	0.65	0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/7/2001	Sulphur	JD 40.2	10	7	10	0	0	3	1	1.7	0.15	10	AE	AE	10	0	10	70	20	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	7	11	0	1	1	0	2.7	0.3	16.6	AE	AE	35	25	70	5	0	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	7	12	0	0	3	0.5	2.2	0.15	199.6	AE	AE	25	0	20	75	5	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	7	13	0	1	1	0	1.8	0.2	14.9	AE	AE	0	20	80	0	0	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	7	14	0	0	3	0.5	1.6	0.15	52.5	VS	VS	60	15	60	25	0	0	0	0	0	1	L	L	
3/7/2001	Sulphur	JD 40.2	10	8	1	2	2	NA	0.5	1.7	0.1	1200	AE	AE	35	10	25	25	35	5	0	0	0	1	L	L	



Date	Sub-basin	Drain	Channel		Unit	Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate					Active Wood	Wood Class	Cover Score			
			type	Reach		Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organics	Sand	Gravel	Cobble	Boulder			Bedrock	Vertical	Horizontal	
3/8/2001	Granger	Granger	00	2	15	1	0	2	0	6.5	1.2	9.7	VS	VS	75	0	75	15	10	0	0	0	0	1	L	L
3/8/2001	Granger	Granger	00	2	16	0	0	3	2.5	3.4	0.3	7.9	BC	BC	100	0	15	10	0	75	0	0	0	1	M	M
3/8/2001	Granger	Granger	00	2	17	CVT	--	--	--	0.7	0.6	25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/2001	Granger	Granger	00	2	18	0	1	1	0	4.5	0.6	73.2	AE	AE	100	40	60	0	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	2	19	0	0	3	1	3.5	0.4	24.3	BC	AE	75	0	35	60	5	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	2	20	CVT	--	--	0	1.5	0.3	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/2001	Granger	Granger	00	2	21	0	1	1	0	3.4	0.5	33.6	VS	VS	100	30	70	0	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	2	22	1	0	2	0	5.5	1	11.9	VS	VS	100	0	80	5	15	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	2	23	CVT	--	--	0	1.5	0.4	50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/2001	Granger	Granger	00	3	1	0	1	1	0	2.9	0.5	84.2	BC	BC	100	20	70	0	10	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	3	2	1	0	2	0	4	1.2	13.7	BC	BC	100	15	75	0	10	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	3	3	CVT	--	--	--	1.3	0.5	7.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/2001	Granger	Granger	00	3	4	0	1	1	0	3.5	0.65	38.1	VS	AE	100	30	70	0	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	3	5	0	0	3	1	3.9	0.3	22.9	VS	AE	50	10	30	60	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	3	6	1	0	5	0	4	1	8.1	BC	BC	10	0	0	25	60	15	0	0	1	H	M	
3/8/2001	Granger	Granger	00	3	7	0	0	5	--	--	0.3	0.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/2001	Granger	Granger	00	3	8	0	1	0	0	2.4	0.4	3.7	--	--	--	CONCRETE	--	--	--	--	--	--	0	1	L	L
3/8/2001	Granger	Granger	00	3	9	0	1	1	0	3.4	0.7	36.2	VS	BC	100	60	40	0	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	4	1	0	1	1	0	3.8	0.5	202.3	VS	VS	100	40	60	0	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	4	2	CVT	--	--	--	1.2	0.6	19.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/2001	Granger	Granger	00	4	3	0	0	3	1	3.3	0.3	18	AE	VS	25	0	30	60	10	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	4	4	CVT	--	--	0	1.5	0.3	24.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/2001	Granger	Granger	00	4	5	0	1	1	0	4.4	0.5	53.6	BC	BC	75	25	70	5	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	4	6	1	0	2	0	4.2	0.9	8.2	BC	BC	70	0	20	10	50	20	0	0	1	L	L	
3/8/2001	Granger	Granger	00	4	7	0	0	3	3	3.2	0.35	19.5	BC	BC	10	20	0	10	60	10	0	0	1	M	L	
3/8/2001	Granger	Granger	00	4	8	0	1	1	0	3	0.8	487.7	VS	VS	100	40	55	0	0	5	0	0	1	L	L	
3/8/2001	Granger	Granger	00	4	9	1	0	2	0	4.5	1.5	7.2	VS	VS	100	30	65	0	5	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	4	10	0	0	4	0.5	3.6	0.5	59.6	AE	VS	100	30	70	0	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	4	11	0	1	1	0	3.7	0.4	575	VS	VS	100	30	70	0	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	4	12	1	0	4	0	3.7	1	14.2	VS	VS	100	30	70	0	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	4	13	0	1	1	0	3.1	0.4	124.2	VS	VS	75	25	70	5	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	4	14	0	0	3	0.5	3.1	0.3	8.3	VS	VS	40	0	20	60	20	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	4	15	0	1	1	0	2.9	0.4	60.5	VS	VS	100	30	70	0	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	4	16	0	0	3	0.5	4.4	0.2	52.4	VS	VS	45	0	30	70	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	4	17	1	0	7	0	5	1	7.4	AE	VS	50	20	70	10	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	4	18	0	0	3	1	4.3	0.25	10.4	AE	VS	30	0	25	75	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	4	19	1	0	2	0	7.5	1.3	14.1	AE	VS	50	10	85	5	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	4	20	CVT	--	--	0	1.4	0.4	19.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/2001	Granger	Granger	00	4	21	0	1	1	0	3	0.35	99.4	VS	VS	100	30	70	0	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	4	22	CVT	--	--	--	1	0.3	21.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/2001	Granger	Granger	00	5	1	0	1	1	0	2.4	0.3	52.6	VS	VS	100	30	70	0	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	5	2	0	0	4	0.5	1	0.65	114.2	AE	VS	100	30	70	0	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	5	3	0	0	3	0.5	1.1	0.2	7.9	AE	VS	10	20	50	30	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	5	4	0	0	4	0.5	1.2	0.45	113.3	VS	VS	20	25	50	25	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	5	5	0	0	3	1	1.3	0.2	13.1	VS	VS	15	10	20	70	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	5	6	1	0	2	0	2.4	0.9	11.6	AE	VS	50	20	70	10	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	5	7	0	0	3	1.5	1.8	0.25	31.6	AE	VS	20	15	30	55	0	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	5	8	1	0	5	0	2.8	0.6	3.4	AE	VS	50	0	40	30	30	0	0	0	1	L	L	
3/8/2001	Granger	Granger	00	5	9	CVT	--	--	--	1.2	0.2	19.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/8/2001	Granger	Granger	00	6	1	0	1	1	0	2.3	0.3	155.9	VS	VS	100	30	70	0	0	0	0	0	1	L	L	
3/9/2001	Sulphur	JD 37.9	10	1	1	0	0	5	--	--	1	0.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/9/2001	Sulphur	JD 37.9	10	1	2	CVT	--	--	--	1.2	0.25	39.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/9/2001	Sulphur	JD 37.9	10	1	3	0	1	1	0	2.1	0.3	156.3	VS	AE	100	70	30	0	0	0	0	0	1	L	L	
3/9/2001	Sulphur	JD 37.9	10	1	4	0	0	3	1.5	2.8	0.15	13.2	BC	BC	5	0	10	65	25	0	0	0	1	L	L	
3/9/2001	Sulphur	JD 37.9	10	1	5	0	1	1	0	2.4	0.4	44	AE	AE	100	60	40	0	0	0	0	0	1	L	L	
3/9/2001	Sulphur	JD 37.9	10	1	6	CVT	--	--	--	1.2	0.3	13.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/9/2001	Sulphur	JD 37.9	10	1	7	0	1	1	0	2.2	0.25	221.8	AE	AE	100	60	40	0	0	0	0	0	1	L	L	
3/9/2001	Sulphur	JD 37.9	10	1	8	0	0	3	1	1.7	0.2	4	AE	AE	15	0	20	30	0	50	0	0	1	L	L	

Date	Sub-basin	Drain	Channel		Unit	Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate					Active Wood	Wood Class	Cover Score				
			type	Reach		Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organics	Sand	Gravel	Cobble	Boulder			Bedrock	Vertical	Horizontal		
3/9/2001	Sulphur	JD 37.9	10	1	9	CVT	--	--	--	1.3	0.2	22.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/9/2001	Sulphur	JD 37.9	10	1	10	0	1	1	0	2.7	0.25	44.5	AE	AE	30	45	50	5	0	0	0	0	0	1	L	L	
3/9/2001	Sulphur	JD 37.9	10	1	11	0	0	3	0.5	2.4	0.15	11.9	AE	AE	50	5	20	60	15	0	0	0	0	1	L	L	
3/9/2001	Sulphur	JD 37.9	10	1	12	1	0	5	0	2.7	0.5	4.4	AE	AE	50	10	40	20	20	10	0	0	0	1	M	L	
3/9/2001	Sulphur	JD 37.9	10	1	13	CVT	--	--	--	1	0.2	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/9/2001	Sulphur	JD 37.9	10	1	14	0	1	1	0	2.5	0.25	149.6	VS	AE	100	50	50	0	0	0	0	0	0	1	L	L	
3/9/2001	Sulphur	JD 37.9	10	1	15	0	0	3	2	2.4	0.2	20.7	BC	AE	65	0	10	80	10	0	0	0	0	1	L	L	
3/9/2001	Sulphur	JD 37.9	10	1	16	1	0	5	0	3	0.6	3.6	BC	BC	75	0	20	30	50	0	0	0	0	1	M	L	
3/9/2001	Sulphur	JD 37.9	10	1	17	0	--	--	--	1.2	0.2	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/9/2001	Sulphur	JD 37.9	10	1	18	0	1	1	0	2.6	0.3	200.5	VS	VS	100	60	40	0	0	0	0	0	0	1	L	L	
3/9/2001	Sulphur	JD 37.9	10	1	19	0	0	3	0.5	2.3	0.2	8.2	VS	VS	85	25	30	20	25	0	0	0	0	1	L	L	
3/9/2001	Sulphur	JD 37.9	10	1	20	0	1	1	0	2.3	0.3	65.6	VS	VS	100	50	50	0	0	0	0	0	0	1	L	L	
3/9/2001	Sulphur	JD 37.9	10	1	21	0	0	3	2	2.3	0.2	20.4	VS	VS	75	50	15	0	35	0	0	0	1	1	L	L	
3/9/2001	Sulphur	JD 37.9	10	1	22	0	1	1	0	1.2	0.3	134	VS	VS	20	35	60	5	0	0	0	0	1	1	L	L	
3/9/2001	Sulphur	JD 37.9	10	1	23	CVT	--	--	--	1.2	0.2	393.3	VS	AE	100	--	--	--	--	--	--	--	--	--	--	--	
2/28/2001	Moxee	Moxee	00	1	1	0	1	1	0	5	0.7	251.2	AE	AE	60	100	0	0	0	0	0	0	1	1	L	L	
2/28/2001	Moxee	Moxee	00	1	2	1	0	4	0	4.5	0.7	5.1	AE	AE	100	90	5	5	0	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	3	0	1	1	0	3.5	0.4	27.5	AE	AE	90	80	15	5	0	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	4	0	0	3	0.5	3.5	0.3	8.7	AE	AE	90	85	15	5	0	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	5	1	0	1	0	3.4	0.8	49.6	AE	AE	100	80	20	0	0	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	6	0	0	3	0.5	3.3	0.3	14.3	AE	AE	100	5	70	5	20	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	7	0	1	1	0	3.3	0.4	79.3	VS	AE	100	80	20	0	0	0	0	0	3	1	L	L	
2/28/2001	Moxee	Moxee	00	1	8	1	0	2	0	3.1	0.85	32.2	AE	AE	100	90	10	0	0	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	9	0	0	3	0.5	4.5	0.25	9.6	AE	AE	60	5	20	5	70	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	10	1	0	2	0	3.5	0.75	21.3	AE	AE	15	80	20	0	0	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	11	0	0	3	1	3.8	0.25	13.3	AE	AE	100	0	15	5	80	0	0	0	0	0	1	L	L
2/28/2001	Moxee	Moxee	00	1	12	0	1	1	0	4.4	0.4	39.8	AE	AE	90	25	75	0	0	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	13	1	0	2	0	5	1	23.9	AE	AE	95	80	10	0	10	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	14	0	0	3	0.5	3	0.5	27.1	AE	AE	65	10	10	10	70	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	15	1	0	3	0	3.5	0.7	8.3	AE	AE	70	50	45	5	0	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	16	1	0	2	0	3.6	0.7	16.1	AE	AE	70	60	40	0	0	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	17	0	1	1	0	3.1	0.4	22.7	AE	AE	85	80	20	0	0	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	18	0	0	3	2.5	6	0.3	25.3	AE	AE	20	10	15	10	65	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	19	1	0	2	0	5	1.2	15.2	AE	AE	70	50	25	15	10	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	20	0	0	3	0.5	5.1	0.3	22.7	AE	AE	65	10	10	20	60	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	21	1	0	7	0	4.8	1	34.1	AE	AE	95	80	15	0	5	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	22	0	0	3	0.5	4.2	0.3	14.3	AE	AE	80	5	20	75	0	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	23	1	0	7	0	3.5	0.8	36.5	AE	AE	75	80	20	0	0	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	24	0	0	3	1	5.2	0.2	6.1	AE	AE	5	5	5	80	10	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	25	1	0	7	0	7.4	1	24.1	AE	AE	30	90	5	5	0	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	26	0	1	1	0	4.2	1	36.5	AE	AE	65	80	20	0	0	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	27	0	1	1	0	3.6	0.5	48.5	AE	AE	70	15	15	30	40	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	28	0	0	3	1	5.5	0.2	14.8	AE	AE	60	20	35	45	0	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	29	0	1	1	0	7.5	0.4	4.3	AE	AE	100	20	70	10	0	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	30	0	0	3	1	5.5	0.2	49.2	AE	AE	10	5	10	80	5	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	31	0	1	1	0	6	0.5	7.9	AE	AE	30	35	60	5	0	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	32	0	0	3	1.5	12	0.1	6.4	AE	AE	15	5	10	85	0	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	33	0	1	1	0	5	0.4	22.5	AE	AE	15	0	25	75	0	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	34	1	0	7	0	6	0.2	7.1	AE	AE	30	20	65	25	0	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	35	0	0	3	1	6	0.2	7.1	AE	AE	30	10	10	20	60	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	36	1	0	7	0	6.2	0.9	8	AE	AE	35	15	70	15	0	0	0	0	1	1	L	L	
2/28/2001	Moxee	Moxee	00	1	37	0	0	3	0.5	5.5	0.2	4.7	AE	AE	15	5	10	20	65	0	0	0	2	1	L	L	
2/28/2001	Moxee	Moxee	00	1	38	1	0	7	0	6.2	0.8	5.5	AE	AE	25	10	60	30	0	0	0	0	1	1	L	L	
2/28/2001	Moxee	Moxee	00	1	39	0	0	3	0.5	4.5	0.2	12.3	AE	AE	20	15	5	10	70	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	40	0	1	1	0	4	0.3	26.1	AE	AE	100	15	20	35	30	0	0	0	1	1	L	L	
2/28/2001	Moxee	Moxee	00	1	41	0	0	3	1.5	4.2	0.3	40.7	AE	AE	25	10	15	45	20	0	0	0	1	1	L	L	
2/28/2001	Moxee	Moxee	00	1	42	1	0	2	0	5.9	0.7	13.9	AE	AE	30	30	45	25	5	0	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	43	0	0	3	1	3.4	0.3	64.4	AE	AE	5	5	15	5	70	5	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	1	44	1	0	7	0	4.1	0.85	15.4	AE	AE	40	40	40	10	10	0	0	0	0	1	L	L	



Date	Sub-basin	Drain	Channel		Unit	Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate					Active Wood	Wood Class	Cover Score			
			type	Reac h		Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organics	Sand	Gravel	Cobble	Boulder			Bedrock	Wood	Vertical	Horizontal
2/28/2001	Moxee	Moxee	00	1	45	0	0	3	1	3.5	0.3	15.3	AE	AE	5	5	20	25	50	0	0	0	0	1	L	L
2/28/2001	Moxee	Moxee	00	2	1	0	1	1	0	3.2	0.6	182.1	VS	VS	95	95	5	0	0	0	0	0	0	1	L	L
2/28/2001	Moxee	Moxee	00	2	2	0	0	3	0.5	3	0.3	26.5	AE	VS	5	5	15	30	50	0	0	1	1	L	L	
2/28/2001	Moxee	Moxee	00	2	3	0	1	1	0	3.2	0.3	239.4	VS	VS	35	35	50	10	5	0	0	1	1	L	L	
2/28/2001	Moxee	Moxee	00	2	4	0	0	3	1	3.9	0.2	23.3	AE	AE	10	10	20	20	50	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	3	1	0	1	1	0	4	0.5	134.6	VS	VS	70	15	35	20	30	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	3	2	0	1	3	0.5	4.2	0.2	26.8	VS	VS	50	0	10	30	60	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	3	3	0	0	1	0	3.3	0.4	31.5	VS	VS	80	10	25	40	25	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	3	4	0	1	3	0.5	3.8	0.2	19.1	VS	VS	40	5	20	30	45	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	3	5	0	0	1	0	3.6	0.3	43.3	VS	VS	80	5	5	30	60	0	0	1	1	L	L	
2/28/2001	Moxee	Moxee	00	3	6	0	1	3	0.5	4.1	0.2	18.7	VS	VS	30	5	20	45	30	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	3	7	0	0	1	0	4.1	0.4	16.2	VS	VS	45	25	20	20	35	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	3	8	0	1	3	0.5	4	0.15	16.2	VS	VS	35	5	20	65	10	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	3	9	0	0	1	0	3.4	0.3	73.2	VS	VS	60	25	30	35	10	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	3	10	0	1	3	0.5	5	0.4	20.7	AE	VS	35	15	35	45	5	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	3	11	0	1	1	0	4.8	0.2	53.7	VS	VS	65	25	35	35	5	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	3	12	0	0	3	0.5	3.5	0.2	68.2	VS	VS	70	15	25	45	15	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	3	13	1	0	2	0	3.6	0.8	11.2	VS	VS	50	40	30	20	10	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	3	14	0	0	3	0.5	3.6	0.3	30.4	VS	VS	20	5	15	65	25	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	3	15	1	0	7	0	2.9	0.8	7.3	VS	VS	60	30	40	20	10	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	3	16	0	0	3	0.5	5	0.15	16.5	VS	VS	40	15	15	40	35	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	3	17	1	0	7	0	4.6	0.8	10.9	AE	VS	50	70	20	5	5	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	3	18	1	0	7	0	4.6	0.7	10.6	VS	AE	80	65	20	5	15	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	3	19	0	0	3	0.5	6.1	0.2	5.1	VS	VS	25	15	20	50	15	0	0	0	1	L	H	
2/28/2001	Moxee	Moxee	00	3	20	1	0	7	0	4.5	0.8	11.6	VS	VS	30	25	40	30	5	0	0	0	1	L	L	
2/28/2001	Moxee	Moxee	00	3	21	0	0	3	0.5	3	0.2	34.8	VS	VS	25	15	10	55	20	0	0	0	1	L	H	
2/28/2001	Moxee	Moxee	00	3	22	0	1	1	0	3.5	0.4	23.6	VS	VS	60	35	25	35	5	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	23	0	0	3	0.5	3.4	0.2	8.2	VS	AE	20	5	25	45	25	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	24	1	0	2	0	3.3	0.6	10	VS	AE	20	0	60	30	10	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	25	0	0	3	1.5	4.3	0.1	6.3	VS	AE	10	5	10	75	10	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	26	1	0	4	0	3.5	0.5	7.3	VS	AE	40	5	70	15	10	0	0	0	1	M	L	
3/11/2001	Moxee	Moxee	00	3	27	0	0	3	1	4.6	0.15	4.7	VS	AE	25	5	25	60	10	0	0	0	1	M	L	
3/11/2001	Moxee	Moxee	00	3	28	0	1	1	0	4.6	0.2	13.4	AE	AE	40	0	30	50	20	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	29	0	0	3	1.5	4.3	0.2	34.8	AE	AE	20	0	15	50	35	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	30	1	0	4	0	3.6	0.5	10.4	VS	AE	65	0	30	40	30	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	31	0	0	3	1.5	3.5	0.2	10.2	AE	AE	10	0	10	55	35	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	32	1	0	4	0	3.6	0.8	20.5	VS	VS	50	0	55	35	20	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	33	0	0	3	1	3.4	0.3	20.8	VS	VS	30	0	20	65	15	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	34	0	1	1	0	3.9	0.4	21.3	VS	AE	75	0	65	25	10	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	35	1	0	7	0	3.3	0.6	5.8	AE	BC	20	0	25	45	25	5	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	36	0	0	3	1.5	5.5	0.1	7.9	VS	BC	10	5	0	80	15	0	0	0	1	M	L	
3/11/2001	Moxee	Moxee	00	3	37	0	1	1	0	4.4	0.3	26.4	VS	VS	70	5	65	25	5	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	38	0	0	3	1	4.8	0.15	9.5	VS	VS	20	0	5	70	25	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	39	0	1	1	0	3.7	0.2	14.4	VS	VS	65	0	30	35	35	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	40	0	0	3	0.5	4.5	0.2	13.9	VS	VS	30	0	40	35	25	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	41	0	1	1	0	3.9	0.25	32	VS	VS	70	5	40	35	20	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	42	1	0	2	0	4.3	0.5	9.6	VS	VS	80	0	50	40	10	0	0	0	1	M	L	
3/11/2001	Moxee	Moxee	00	3	43	0	0	3	1.5	4.2	0.15	10.3	VS	VS	5	5	0	70	25	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	44	0	1	1	0	4.3	0.25	22.7	VS	VS	50	0	50	40	10	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	45	0	0	3	0.5	4.8	0.1	20.6	VS	VS	5	0	0	85	15	0	0	0	1	M	L	
3/11/2001	Moxee	Moxee	00	3	46	1	0	7	0	3.7	0.7	8.6	VS	VS	20	0	55	30	15	0	0	0	1	H	L	
3/11/2001	Moxee	Moxee	00	3	47	0	0	3	1.5	3.5	0.1	10.9	VS	AE	5	5	0	70	15	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	48	1	0	7	0	4.5	0.7	9.2	VS	AE	20	0	75	10	15	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	49	0	0	5	--	--	0.1	1.5	AE	VS	--	--	--	--	--	--	--	--	--	--	--	
3/11/2001	Moxee	Moxee	00	3	50	1	0	4	0	4.4	1.1	13.7	AE	VS	75	5	75	10	10	0	0	0	1	M	H	
3/11/2001	Moxee	Moxee	00	3	51	0	0	3	1	3.9	0.2	5.8	VS	VS	40	0	25	45	30	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	52	1	0	2	0	4.8	0.7	18.7	VS	VS	70	0	70	10	20	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	53	0	1	1	0	4	0.35	17.7	VS	VS	75	0	80	5	15	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	3	54	1	0	2	0	4.2	0.7	9.6	VS	VS	100	0	70	0	10	20	0	0	1	M	L	

Date	Sub-basin	Drain	Channel		Unit	Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate					Active Wood	Wood Class	Cover Score				
			type	Reach		Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organics	Sand	Gravel	Cobbles	Boulders			Bedrock	Wood	Vertical	Horizontal	
3/11/2001	Moxee	Moxee	00	3	55	1	0	5	0	3.5	1.1	3	BC	BC	100	0	20	0	0	80	0	0	0	0	1	H	H
3/11/2001	Moxee	Moxee	00	3	56	0	0	5	--	--	0.6	0.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/11/2001	Moxee	Moxee	00	4	1	1	1	5	0	4.6	0.75	20.7	VS	VS	100	50	50	0	0	0	0	0	0	1	M	L	
3/11/2001	Moxee	Moxee	00	4	2	0	1	1	0	3.5	0.4	80.8	AE	AE	85	25	50	15	10	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	3	1	0	2	0	4.6	0.6	3.7	VS	VS	80	20	70	0	10	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	4	0	0	3	1.5	5.5	0.15	10	VS	AE	50	0	10	40	50	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	5	0	1	1	0	4.9	0.5	266.1	VS	VS	100	60	40	0	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	6	0	0	4	0.5	2.4	0.3	28.6	VS	VS	80	20	60	20	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	7	0	1	1	0	2.5	0.4	55.3	VS	VS	30	20	50	30	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	8	0	0	3	0.5	2.6	0.25	17.7	AE	VS	25	10	20	70	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	9	0	1	1	0	2.6	0.4	163	AE	VS	50	35	60	5	0	0	0	0	0	1	M	L	
3/11/2001	Moxee	Moxee	00	4	10	1	0	2	0	2.9	0.7	4.2	VS	VS	100	30	70	0	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	11	0	1	1	0	2.8	0.45	54.8	AE	VS	100	30	70	0	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	12	0	0	3	0.5	2.7	0.2	30.6	AE	VS	20	20	50	20	10	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	13	0	1	1	0	3	0.3	38.4	VS	VS	100	30	70	0	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	14	1	0	4	0	3.5	0.8	5.1	AE	VS	100	20	80	0	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	15	1	0	2	0	1.9	0.9	11.3	VS	VS	100	20	80	0	0	0	0	0	0	1	M	L	
3/11/2001	Moxee	Moxee	00	4	16	0	1	1	0	2	0.5	52.4	AE	VS	100	30	70	0	0	0	0	0	1	1	L	L	
3/11/2001	Moxee	Moxee	00	4	17	0	0	3	0.5	2.2	0.2	16.9	AE	VS	20	20	60	20	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	18	0	1	1	0	2.8	0.45	29.7	AE	VS	100	30	70	0	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	19	0	0	3	1	2.8	0.2	5.3	AE	VS	15	0	40	50	10	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	20	0	1	1	0	3	0.3	6.5	AE	VS	15	30	50	10	10	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	21	1	0	4	0	3.9	0.9	9.2	AE	AE	100	20	80	0	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	22	0	0	3	1	3	0.4	22.6	AE	AE	10	10	30	30	30	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	23	1	0	4	0	3.9	0.7	8.8	AE	AE	100	20	70	0	10	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	24	0	0	3	1	3.4	0.25	22.3	AE	AE	30	10	35	25	30	0	0	0	1	1	L	L	
3/11/2001	Moxee	Moxee	00	4	25	1	0	7	0	4	0.8	20.1	VS	VS	70	0	35	50	15	0	0	0	4	3	L	L	
3/11/2001	Moxee	Moxee	00	4	26	0	1	1	0	4.4	0.4	36	AE	VS	75	25	60	0	5	10	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	27	1	0	4	0	3.6	0.9	8.2	VS	AE	100	30	70	0	0	0	0	0	0	1	H	L	
3/11/2001	Moxee	Moxee	00	4	28	0	1	1	0	3	0.6	19.7	AE	VS	100	35	60	0	0	5	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	29	0	0	3	0.5	3.6	0.4	11.9	AE	AE	30	15	60	5	20	0	0	0	0	1	L	M	
3/11/2001	Moxee	Moxee	00	4	30	1	0	4	0	4.4	0.7	10	VS	VS	100	25	60	0	15	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	31	1	0	2	0	5.8	0.7	8.4	VS	VS	100	15	75	0	10	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	32	0	0	3	1.5	3.5	0.3	6.2	VS	VS	100	25	50	0	10	25	0	0	0	1	L	M	
3/11/2001	Moxee	Moxee	00	4	33	1	0	2	0	7	1.2	12.6	BC	BC	100	45	50	0	0	5	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	34	0	0	1	12	3.3	0.3	4	BC	BC	100	0	10	0	0	90	0	0	0	1	H	H	
3/11/2001	Moxee	Moxee	00	4	35	1	0	5	0	3.5	0.6	6.5	BC	BC	100	0	30	0	0	70	0	0	0	1	H	H	
3/11/2001	Moxee	Moxee	00	4	36	0	0	5	--	--	0.6	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/11/2001	Moxee	Moxee	00	4	37	0	0	3	2	3.5	0.3	8.3	AE	VS	100	30	70	0	0	0	0	0	0	1	L	M	
3/11/2001	Moxee	Moxee	00	4	38	0	1	1	0	3.4	0.4	22.7	VS	VS	100	30	70	0	0	0	0	0	0	1	L	M	
3/11/2001	Moxee	Moxee	00	4	39	0	0	3	1	4.5	0.2	7.1	AE	AE	100	30	70	0	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	40	0	0	5	--	--	0.3	0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/11/2001	Moxee	Moxee	00	4	41	0	1	1	0	3.6	0.4	18.4	BC	VS	50	25	50	5	20	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	42	0	0	5	--	--	0.2	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/11/2001	Moxee	Moxee	00	4	43	1	0	1	0	1.5	1.5	28.2	VS	VS	100	30	70	0	0	0	0	0	0	1	M	L	
3/11/2001	Moxee	Moxee	00	4	44	0	1	1	0	3.4	0.3	18.7	VS	VS	100	30	70	0	0	0	0	0	0	1	L	M	
3/11/2001	Moxee	Moxee	00	4	45	0	0	4	1	1.3	0.5	5.5	VS	VS	100	30	70	0	0	0	0	0	0	1	M	L	
3/11/2001	Moxee	Moxee	00	4	46	1	0	1	0	1.8	0.9	13.4	VS	VS	100	30	70	0	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	47	0	1	1	0	1.8	0.4	18	VS	VS	100	30	70	0	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	48	0	0	4	1	1.5	0.45	36.7	AE	VS	100	30	70	0	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	49	1	0	1	0	1.8	0.8	38.8	AE	VS	100	30	70	0	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	50	0	0	3	0.5	2.5	0.4	18.1	VS	VS	50	25	15	10	0	15	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	51	1	0	1	0	1.8	0.6	17	BC	BC	100	30	70	0	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	52	0	1	1	0	2.8	0.4	25.3	VS	VS	100	50	50	0	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	53	1	0	1	0	2.4	1.2	6	VS	VS	100	30	70	0	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	54	0	1	1	0	2.7	0.25	71.7	VS	VS	100	30	70	0	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	55	1	0	2	0	3	0.7	4.8	VS	VS	100	30	70	0	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	56	0	1	1	0	2.2	0.3	20.1	VS	VS	100	30	70	0	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	57	0	0	3	0.5	1.8	0.2	13.5	VS	VS	75	10	40	50	0	0	0	0	0	1	L	L	

Date	Sub-basin	Drain	Channel			Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate					Active Wood	Wood Class	Cover Score			
			type	Reach	Unit	Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organics	Sand	Gravel	Cobble	Boulder			Bedrock	Wood	Vertical	Horizontal
3/11/2001	Moxee	Moxee	00	4	58	0	0	4	0	1.2	0.65	19.7	VS	VS	100	30	70	0	0	0	0	0	0	1	L	L
3/11/2001	Moxee	Moxee	00	4	59	0	0	3	0.5	3.2	0.3	22.4	VS	VS	80	20	60	20	0	0	0	0	0	1	L	L
3/11/2001	Moxee	Moxee	00	4	60	0	1	1	0	2.8	0.45	95.9	VS	VS	100	30	70	0	0	0	0	1	1	L	L	
3/11/2001	Moxee	Moxee	00	4	61	0	0	3	2	4.2	0.15	14.5	VS	VS	15	30	50	10	10	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	62	0	1	1	0	3.8	0.3	22.3	VS	VS	100	30	70	0	0	0	0	0	1	L	L	
3/11/2001	Moxee	Moxee	00	4	63	0	0	3	1.5	3	0.15	17.6	VS	VS	5	0	5	20	75	0	0	0	0	1	M	L
3/11/2001	Granger	JD 28.0	10	1	1	1	0	1	0	3.1	0.15	100	VS	VS	100	60	40	0	0	0	0	0	1	L	L	
3/11/2001	Granger	JD 27.5	10	1	1	0	1	1	0	2.2	0.15	100	AE	VS	100	70	30	0	0	0	0	0	0	1	L	L
3/13/2001	Corral	Corral	00	1	1	0	0	3	3.5	1.8	1.5	73.7	VS	VS	5	0	5	75	20	0	0	3	2	M	L	
3/13/2001	Corral	Corral	00	1	2	0	0	5	--	--	0.2	0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/13/2001	Corral	Corral	00	1	3	1	1	0	0	2	0.5	4.1	AE	VS	90	25	40	30	5	0	0	0	1	L	L	
3/13/2001	Corral	Corral	00	1	4	0	0	3	3.5	1.8	0.15	13	AE	VS	20	5	15	60	20	0	0	0	1	M	L	
3/13/2001	Corral	Corral	00	1	5	0	1	1	0	1.9	0.3	7.1	VS	VS	80	25	40	30	5	0	0	0	1	L	L	
3/13/2001	Corral	Corral	00	1	6	0	0	3	3	3	0.1	47.4	VS	VS	20	0	15	70	15	0	0	0	3	M	L	
3/13/2001	Corral	Corral	00	1	7	0	1	1	0	3.6	0.2	26	AE	VS	20	0	40	40	20	0	0	0	2	M	L	
3/13/2001	Corral	Corral	00	1	8	0	0	3	2	2.5	0.1	17.8	VS	VS	20	0	15	75	0	0	0	0	2	M	L	
3/13/2001	Corral	Corral	00	1	9	0	1	1	0	2.9	0.25	19	VS	VS	35	15	45	25	15	0	0	0	3	M	L	
3/13/2001	Corral	Corral	00	1	10	0	0	3	3	3.2	0.1	14.2	VS	VS	30	0	30	60	10	0	0	0	3	M	L	
3/13/2001	Corral	Corral	00	1	11	0	1	1	0	2	0.1	9	AE	VS	45	5	35	45	15	0	0	0	3	M	L	
3/13/2001	Corral	Corral	00	1	12	0	0	3	4	1.9	0.1	9.8	VS	VS	10	0	10	70	20	0	0	0	3	M	L	
3/13/2001	Corral	Corral	00	1	13	0	1	1	0	3	0.1	4	VS	VS	20	10	30	55	5	0	0	0	3	M	L	
3/13/2001	Corral	Corral	00	1	14	0	0	3	2	4.1	0.1	27.3	VS	AE	25	0	15	70	15	0	0	0	3	M	L	
3/13/2001	Corral	Corral	00	1	15	0	1	1	0	1.8	0.2	10	VS	VS	40	15	30	50	5	0	0	1	1	L	L	
3/13/2001	Corral	Corral	00	1	16	1	0	7	0	2.4	0.5	2.9	VS	VS	40	10	40	20	30	0	0	0	2	M	L	
3/13/2001	Corral	Corral	00	1	17	0	1	1	3	1.8	0.15	27.6	VS	VS	5	0	10	55	30	5	0	0	1	L	L	
3/13/2001	Corral	Corral	00	1	18	0	0	3	0	2	0.2	9.1	VS	VS	20	15	30	55	0	0	0	0	2	M	L	
3/13/2001	Corral	Corral	00	1	19	0	1	1	2	2.6	0.1	9.3	VS	VS	10	0	10	85	5	0	0	0	2	M	L	
3/13/2001	Corral	Corral	00	1	20	0	0	3	0	1.6	0.25	5.3	AE	VS	20	15	30	45	10	0	0	0	2	M	L	
3/13/2001	Corral	Corral	00	1	21	0	1	1	3	3.2	0.25	5.3	VS	VS	20	0	30	60	10	0	0	0	3	H	M	
3/13/2001	Corral	Corral	00	1	22	1	0	5	0	2	0.5	2.1	VS	VS	10	0	50	40	10	0	0	2	4	H	M	
3/13/2001	Corral	Corral	00	1	23	0	0	3	4	3	0.15	8.4	VS	VS	10	0	15	65	20	0	0	1	4	H	M	
3/13/2001	Corral	Corral	00	1	24	0	1	1	0	1.5	0.3	15.7	VS	VS	15	15	30	50	5	0	0	2	1	M	L	
3/13/2001	Corral	Corral	00	1	25	0	0	3	3	3.1	0.15	12	VS	VS	10	0	20	70	10	0	0	0	1	M	L	
3/13/2001	Corral	Corral	00	1	26	0	1	1	0	3.1	0.25	5.9	VS	VS	35	0	65	35	0	0	0	0	2	M	L	
3/13/2001	Corral	Corral	00	1	27	0	0	3	2	3.4	0.05	67.6	VS	VS	20	0	15	55	30	0	0	1	4	H	H	
3/13/2001	Corral	Corral	00	1	28	0	1	1	0	2.3	0.15	5.9	VS	VS	50	10	40	40	10	0	0	0	3	M	L	
3/13/2001	Corral	Corral	00	1	29	0	0	3	2	3.5	0.1	9.2	AE	AE	10	0	10	65	25	0	0	0	2	L	L	
3/13/2001	Corral	Corral	00	1	30	0	1	1	0	2.5	0.3	5.5	AE	AE	70	10	55	30	5	0	0	0	1	L	L	
3/13/2001	Corral	Corral	00	1	31	0	0	3	1.5	3.2	0.1	37.3	AE	AE	15	0	25	55	20	0	0	4	3	M	L	
3/13/2001	Corral	Corral	00	1	32	0	1	1	0	2.5	0.15	10.5	AE	AE	40	5	60	35	0	0	0	0	1	L	L	
3/13/2001	Corral	Corral	00	1	33	0	0	3	2	1.8	0.2	90.7	VS	VS	5	0	15	70	15	0	0	0	1	M	L	
3/13/2001	Corral	Corral	00	1	34	1	0	7	0	2.2	0.5	4.6	VS	VS	70	5	60	30	5	0	0	0	1	M	L	
3/13/2001	Corral	Corral	00	1	35	0	0	3	2	2.2	0.15	42.7	VS	VS	10	0	15	70	15	0	0	0	2	M	L	
3/13/2001	Corral	Corral	00	1	36	0	1	1	0	2.9	0.2	7.2	VS	VS	20	0	45	45	15	0	0	0	2	L	L	
3/13/2001	Corral	Corral	00	1	37	0	0	3	3	3	0.15	31.2	VS	VS	5	0	5	70	20	5	0	1	1	L	L	
3/13/2001	Corral	Corral	00	1	38	0	1	1	0	2.6	0.25	10.7	AE	AE	10	0	30	45	15	0	0	0	1	L	L	
3/13/2001	Corral	Corral	00	2	1	unsampled	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/13/2001	Corral	Corral	00	3	1	0	1	1	0	2.4	0.15	10.4	VS	VS	20	30	10	40	20	0	0	0	1	L	L	
3/13/2001	Corral	Corral	00	3	2	0	0	3	1	3	0.1	22.6	VS	VS	60	10	15	50	25	0	0	1	1	L	L	
3/13/2001	Corral	Corral	00	3	3	0	1	1	0	2.9	0.1	12.3	AE	AE	40	10	20	40	30	0	0	0	1	L	L	
3/13/2001	Corral	Corral	00	3	4	1	1	0	0	3.1	0.3	6.8	VS	VS	0	25	75	0	0	0	0	1	1	M	L	
3/13/2001	Corral	Corral	00	3	5	0	1	1	0	1.8	0.1	6.1	AE	VS	0	40	60	0	0	0	0	0	1	L	L	
3/13/2001	Corral	Corral	00	3	6	0	0	3	1	1.5	0.1	8.7	AE	VS	50	25	10	40	20	0	0	0	1	L	L	
3/13/2001	Corral	Corral	00	3	7	0	1	1	0	2.3	0.25	11.7	VS	VS	80	30	50	15	5	0	0	0	1	L	L	
3/13/2001	Corral	Corral	00	3	8	0	0	5	--	--	0.3	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/13/2001	Corral	Corral	00	3	9	0	0	3	1	1.9	0.2	5.6	VS	VS	15	10	20	65	5	0	0	0	2	M	L	
3/13/2001	Corral	Corral	00	3	10	0	1	1	0	1.4	0.2	30.7	AE	AE	85	35	50	10	5	0	0	0	1	M	L	
3/13/2001	Corral	Corral	00	3	11	0	0	3	6	1.4	0.1	5.7	VS	VS	15	15	0	60	25	0	0	0	1	L	L	

Date	Sub-basin	Drain	Channel		Unit	Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate					Active Wood	Wood Class	Cover Score			
			type	Reach		Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organics	Sand	Gravel	Cobble	Boulder			Bedrock	Wood	Vertical	Horizontal
3/13/2001	Corral	Corral	00	3	12	1	0	4	0	2.4	0.5	10.4	AE	VS	70	30	50	20	0	0	0	0	1	1	M	L
3/13/2001	Corral	Corral	00	3	13	0	0	3	0.5	1.8	0.05	20.8	AE	AE	5	15	0	55	30	0	0	1	1	L	L	
3/13/2001	Corral	Corral	00	3	14	0	1	1	0	1.7	0.2	18.5	VS	VS	50	35	25	30	10	0	0	0	1	1	L	M
3/13/2001	Corral	Corral	00	3	15	0	0	3	1	3.8	0.05	20.3	AE	AE	30	15	0	60	25	0	0	0	1	1	M	L
3/13/2001	Corral	Corral	00	3	16	1	0	2	0	2.8	0.35	7	VS	VS	95	50	20	30	0	0	0	2	3	H	H	
3/13/2001	Corral	Corral	00	3	17	0	0	3	2	1.4	0.1	8.3	VS	VS	10	20	5	35	40	0	0	2	1	L	L	
3/13/2001	Corral	Corral	00	3	18	0	1	1	0	1.9	0.3	5.2	VS	VS	90	50	35	15	0	0	0	0	1	1	L	L
3/13/2001	Corral	Corral	00	3	19	0	0	3	2	1.5	0.1	0.82	AE	AE	30	10	0	70	20	0	0	0	1	1	L	L
3/13/2001	Corral	Corral	00	3	20	0	1	1	0	2.2	0.25	4.6	AE	AE	90	70	15	10	5	0	0	0	1	1	M	L
3/13/2001	Corral	Corral	00	3	21	0	0	3	1.5	1.4	0.1	14.5	VS	VS	5	0	10	55	35	0	0	0	1	1	L	L
3/13/2001	Corral	Corral	00	3	22	1	0	4	0	1.8	0.4	4.1	VS	VS	55	20	10	55	15	0	0	0	1	1	M	L
3/13/2001	Corral	Corral	00	3	23	0	0	3	1.5	1.5	0.1	18.3	VS	AE	30	5	5	55	35	0	0	0	1	1	M	L
3/13/2001	Corral	Corral	00	3	24	0	1	1	0	2.9	0.25	20.7	VS	VS	75	50	30	0	20	0	0	0	1	1	L	M
3/13/2001	Corral	Corral	00	3	25	0	0	3	0.5	2.2	0.1	13.5	VS	AE	20	5	5	70	20	0	0	0	1	1	L	L
3/13/2001	Corral	Corral	00	3	26	0	1	1	0	1.5	0.2	9.5	VS	VS	70	50	30	0	20	0	0	0	1	1	L	L
3/13/2001	Corral	Corral	00	3	27	1	0	4	0	2.4	0.4	7.3	AE	AE	20	60	30	10	0	0	0	0	1	1	M	L
3/13/2001	Corral	Corral	00	3	28	0	0	3	5	1.8	0.1	20.1	VS	VS	75	0	10	55	35	0	0	0	1	1	L	L
3/13/2001	Corral	Corral	00	3	29	0	1	1	0	1.8	0.15	17.2	AE	AE	80	40	5	35	20	0	0	0	1	1	L	L
3/13/2001	Corral	Corral	00	3	30	0	0	3	2	2.8	0.05	8.3	VS	AE	10	0	10	50	40	0	0	0	1	1	M	L
3/13/2001	Corral	Corral	00	3	31	0	1	1	0	1.5	0.25	13.8	VS	VS	75	30	15	50	10	0	0	0	1	1	L	L
3/13/2001	Corral	Corral	00	3	32	0	0	3	1.5	2.7	0.05	14.5	VS	VS	15	--	10	75	15	0	0	2	1	M	L	
3/13/2001	Corral	Corral	00	3	33	0	1	1	0	2.4	0.2	15.7	AE	AE	75	40	20	25	15	0	0	0	1	1	L	L
3/13/2001	Corral	Corral	00	3	34	0	0	3	2.5	2.5	0.1	42.2	VS	VS	50	40	20	25	15	0	0	0	1	1	L	L
3/13/2001	Corral	Corral	00	3	35	0	1	1	0	2.4	0.1	9.2	VS	VS	85	40	35	10	15	0	0	0	2	1	M	L
3/13/2001	Corral	Corral	00	3	36	0	0	3	1	1.9	0.1	10.7	AE	AE	20	15	5	40	40	0	0	0	1	1	L	L
3/13/2001	Corral	Corral	00	3	37	1	0	2	0	1.8	0.3	1.6	VS	VS	85	60	20	0	20	0	0	1	3	M	M	
3/13/2001	Corral	Corral	00	3	38	0	0	3	1	2.4	0.05	6.7	VS	VS	15	10	0	45	45	0	0	0	1	1	L	L
3/13/2001	Corral	Corral	00	3	39	1	0	2	0	1.8	0.5	16.1	VS	VS	80	60	25	15	0	0	0	1	2	M	M	
3/13/2001	Corral	Corral	00	3	40	0	0	3	0.5	1.6	0.1	14.6	VS	VS	20	10	0	35	55	0	0	2	3	M	L	
3/13/2001	Corral	Corral	00	3	41	1	0	7	0	2.6	0.45	6.5	VS	AE	80	60	25	5	10	0	0	1	3	H	L	
3/13/2001	Corral	Corral	00	3	42	0	0	3	1.5	2.4	0.1	64.6	VS	VS	15	15	10	30	45	0	0	2	3	H	L	
3/13/2001	Corral	Corral	00	3	43	0	1	1	0	3	0.15	34.7	VS	VS	15	15	0	50	35	0	0	0	2	M	L	
3/13/2001	Corral	Corral	00	3	44	0	0	3	1.5	1.5	0.1	6.6	VS	AE	10	10	0	45	45	0	0	0	2	M	L	
3/13/2001	Corral	Corral	00	3	45	0	1	1	0	1.9	0.15	3.9	AE	VS	25	25	20	25	30	0	0	0	1	1	L	L
3/13/2001	Corral	Corral	00	3	46	1	0	4	0	2.6	0.5	6.7	AE	AE	35	60	30	0	10	0	0	0	1	1	M	L
3/13/2001	Corral	Corral	00	3	47	0	1	1	0	1.8	0.2	11	AE	AE	80	60	15	15	10	0	0	0	1	1	L	L
3/13/2001	Corral	Corral	00	3	48	1	0	2	0	2.6	0.65	3.8	AE	BC	80	60	30	5	5	0	0	0	1	1	H	H
3/13/2001	Corral	Corral	00	3	49	0	0	3	1.5	1.3	0.1	15	VS	BC	20	20	0	20	60	0	0	0	1	1	L	L
3/13/2001	Corral	Corral	00	3	50	1	0	2	0	3.6	0.4	3.9	VS	VS	20	60	30	5	5	0	0	2	3	L	L	
3/14/2001	Corral	Corral	00	4	1	0	1	1	0	1.9	0.15	10.3	VS	VS	80	60	30	10	0	0	0	0	1	1	M	L
3/14/2001	Corral	Corral	00	4	2	0	0	3	2.5	1.5	0.1	27.5	VS	VS	50	15	10	55	20	0	0	0	1	1	M	L
3/14/2001	Corral	Corral	00	4	3	0	0	5	--	--	0.4	0.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/14/2001	Corral	Corral	00	4	4	1	1	1	0	2.8	0.4	21.5	VS	VS	100	75	25	0	0	0	0	0	1	1	M	L
3/14/2001	Corral	Corral	00	4	5	0	0	3	0.5	1.1	0.1	3.3	VS	VS	10	0	20	65	15	0	0	0	1	1	L	L
3/14/2001	Corral	Corral	00	4	6	0	0	5	--	--	0.8	0.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/14/2001	Corral	Corral	00	4	7	1	1	1	0	5.6	0.9	32.4	VS	VS	100	75	25	0	0	0	0	0	1	1	H	L
3/14/2001	Corral	Corral	00	4	8	0	0	3	0.5	2.1	0.1	2.8	VS	VS	15	5	20	60	15	0	0	0	1	1	L	L
3/14/2001	Corral	Corral	00	4	9	0	0	5	--	--	0.35	0.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/14/2001	Corral	Corral	00	4	10	1	1	1	0	3.7	0.45	7.6	VS	VS	90	70	20	5	5	0	0	0	1	1	L	L
3/14/2001	Corral	Corral	00	4	11	0	0	3	1.5	4	0.1	5.1	VS	VS	45	40	10	40	10	0	0	0	1	1	M	L
3/14/2001	Corral	Corral	00	4	12	0	0	5	--	--	0.35	0.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/14/2001	Corral	Corral	00	4	13	1	1	1	0	3.2	0.5	8.9	VS	VS	100	75	25	0	0	0	0	0	1	1	L	L
3/14/2001	Corral	Corral	00	4	14	2	2	na	2.5	1.4	0.15	47	VS	VS	20	20	0	25	55	0	0	0	1	1	H	L
3/14/2001	Corral	Corral	00	4	15	0	0	3	2	0.7	0.1	11.9	VS	VS	10	10	0	15	75	0	0	0	1	1	L	L
3/14/2001	Corral	Corral	00	4	16	0	1	1	0	1.3	0.35	12	VS	VS	100	80	20	0	0	0	0	0	1	1	H	L
3/14/2001	Corral	Corral	00	4	17	2	2	na	0.5	1.2	0.1	19.6	VS	VS	35	30	10	10	50	0	0	0	1	1	M	L
3/14/2001	Corral	Corral	00	4	18	0	0	3	3	1.2	0.1	38.8	VS	VS	20	10	10	50	30	0	0	0	1	1	M	L
3/14/2001	Corral	Corral	00	4	19	0	1	1	0	1.3	0.2	5.5	VS	VS	85	30	10	20	40	0	0	0	1	1	M	L
3/14/2001	Corral	Corral	00	4	20	0	0	3	2	1.5	0.15	34.7	VS	VS	25	20	10	40	30	0	0	0	1	1	M	L



Date	Sub-basin	Drain	Channel		Unit	Unit Classification Hierarchy			Habitat Measurements				Bank Classification			% Substrate					Active Wood	Wood Class	Cover Score		
			type	Reach		Level I	Level II	Level III	% Slope	Width (m)	Depth (m)	Length (m)	Left	Right	% Embeddedness	Silt/Organics	Sand	Gravel	Cobble	Boulder			Bedrock	Wood	Vertical
3/14/2001	Corral	Corral	00	4	80	0	0	5	--	--	0.2	2.7	--	--	--	--	--	--	--	--	--	--	2.5	--	--
3/14/2001	Corral	Corral	00	4	81	2	2	na	1.5	0.9	0.1	31.7	VS	VS	50	25	0	10	60	5	0	0	1	H	M
3/14/2001	Corral	Corral	00	4	82	0	0	5	--	--	0.5	2.1	--	--	--	--	--	--	--	--	--	--	--	--	--
3/14/2001	Corral	Corral	00	4	83	2	2	na	1	1.1	0.1	44.9	VS	VS	20	20	0	15	65	0	0	0	2	H	M
3/14/2001	Corral	Corral	00	4	84	0	0	5	--	--	0.25	2.1	--	--	--	--	--	--	--	--	--	--	--	--	--
3/14/2001	Corral	Corral	00	4	85	2	2	na	2	1.4	0.2	63.9	VS	VS	40	25	10	40	20	5	0	0	1	H	M
3/14/2001	Corral	Corral	00	4	86	0	1	1	0	1.3	0.1	14.3	VS	VS	50	35	10	40	15	0	0	0	1	H	L
3/14/2001	Corral	Corral	00	4	87	0	0	3	2	1.2	0.1	26	VS	VS	20	20	5	30	40	5	0	0	1	M	M