

**Packwood Project - 2007 Lake Creek Gravel Inventory Results**

Reach	Station (distance from mouth in feet)	River Mile	Total Gravel in Wetted Channel (sq. ft)	Total in Bankfull Channel (sq. ft)	Gravel in Wetted Channel (size of each patch in sq. ft.)										Gravel in Bankfull Channel (sq. ft)			
					Grav 1	Grav 2	Grav 3	Grav 4	Grav 5	Grav 6	Grav 7	Grav 8	Grav 9	Grav 10	On Bank 1	On Bank 2	On Bank 3	
1	100	0.02	250	0	250	0	0	0	0	0	0	0	0	0	0	0	0	0
1	200	0.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	900	0.17	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1000	0.19	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1100	0.21	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1200	0.23	25	50	25	0	0	0	0	0	0	0	0	0	50	0	0	0
1	1300	0.25	150	175	25	25	100	0	0	0	0	0	0	0	25	150	0	0
1	1400	0.27	50	0	25	25	0	0	0	0	0	0	0	0	0	0	0	0
1	1500	0.28	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1600	0.30	150	25	150	0	0	0	0	0	0	0	0	0	25	0	0	0
1	1700	0.32	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2000	0.38	200	0	200	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2100	0.40	25	50	25	0	0	0	0	0	0	0	0	0	25	25	0	0
1	2200	0.42	175	50	25	25	25	25	25	25	25	0	0	0	50	0	0	0
1	2300	0.44	75	100	25	25	25	0	0	0	0	0	0	0	100	0	0	0
1	2400	0.45	175	0	25	25	25	25	25	25	25	0	0	0	0	0	0	0
1	2500	0.47	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2600	0.49	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2700	0.51	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2800	0.53	300	400	300	0	0	0	0	0	0	0	0	0	200	100	100	0
1	2900	0.55	200	200	200	0	0	0	0	0	0	0	0	0	200	0	0	0
1	3000	0.57	300	300	200	100	0	0	0	0	0	0	0	0	300	0	0	0
1	3100	0.59	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0
1	3200	0.61	200	100	25	25	25	100	25	0	0	0	0	0	50	50	0	0
1	3300	0.63	50	800	25	25	0	0	0	0	0	0	0	0	200	600	0	0
1	3400	0.64	100	400	100	0	0	0	0	0	0	0	0	0	400	0	0	0
1	3500	0.66	125	50	100	25	0	0	0	0	0	0	0	0	50	0	0	0
2	3600	0.68	225	0	25	25	25	25	25	100	0	0	0	0	0	0	0	0
2	3700	0.70	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0
2	3800	0.72	100	0	25	25	25	25	0	0	0	0	0	0	0	0	0	0
2	3900	0.74	75	0	25	25	25	0	0	0	0	0	0	0	0	0	0	0

Reach	Station (distance from mouth in feet)	River Mile	Total Gravel in Wetted Channel (sq. ft)	Total in Bankfull Channel (sq. ft)	Gravel in Wetted Channel (size of each patch in sq. ft.)										Gravel in Bankfull Channel (sq. ft)			
					Grav 1	Grav 2	Grav 3	Grav 4	Grav 5	Grav 6	Grav 7	Grav 8	Grav 9	Grav 10	On Bank 1	On Bank 2	On Bank 3	
2	4000	0.76	125	0	25	50	50	0	0	0	0	0	0	0	0	0	0	0
2	4100	0.78	200	0	25	25	100	25	25	0	0	0	0	0	0	0	0	0
2	4200	0.80	200	25	100	50	50	0	0	0	0	0	0	0	0	25	0	0
2	4300	0.81	100	0	50	25	25	0	0	0	0	0	0	0	0	0	0	0
2	4400	0.83	125	150	25	25	50	25	0	0	0	0	0	0	50	50	50	0
2	4500	0.85	1400	25	600	800	0	0	0	0	0	0	0	0	25	0	0	0
2	4600	0.87	275	25	100	25	150	0	0	0	0	0	0	0	25	0	0	0
2	4700	0.89	650	50	500	150	0	0	0	0	0	0	0	0	50	0	0	0
2	4800	0.91	50	1100	50	0	0	0	0	0	0	0	0	0	600	500	0	0
2	4900	0.93	50	50	25	25	0	0	0	0	0	0	0	0	50	0	0	0
2	5000	0.95	75	150	50	25	0	0	0	0	0	0	0	0	100	50	0	0
2	5100	0.97	500	175	400	25	25	25	25	0	0	0	0	0	50	25	100	0
2	5200	0.98	525	100	25	25	25	200	100	50	100	0	0	0	100	0	0	0
2	5300	1.00	50	100	25	25	0	0	0	0	0	0	0	0	50	50	0	0
2	5400	1.02	300	100	25	25	25	25	25	25	25	25	50	50	100	0	0	0
2	5500	1.04	150	25	25	25	25	25	25	25	0	0	0	0	25	0	0	0
2	5600	1.06	950	0	800	150	0	0	0	0	0	0	0	0	0	0	0	0
2	5700	1.08	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0
2	6000	1.14	0	300	0	0	0	0	0	0	0	0	0	0	100	200	0	0
3	6500	1.23	50	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0
3	6600	1.25	25	25	25	0	0	0	0	0	0	0	0	0	25	0	0	0
3	6700	1.27	200	0	100	25	25	50	0	0	0	0	0	0	0	0	0	0
3	6800	1.29	50	0	25	25	0	0	0	0	0	0	0	0	0	0	0	0
3	7000	1.33	100	50	100	0	0	0	0	0	0	0	0	0	50	0	0	0
3	7400	1.40	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0
3	7500	1.42	1000	0	1000	0	0	0	0	0	0	0	0	0	0	0	0	0
3	7600	1.44	50	0	25	25	0	0	0	0	0	0	0	0	0	0	0	0
3	7700	1.46	75	150	25	25	25	0	0	0	0	0	0	0	50	100	0	0
3	7800	1.48	50	100	25	25	0	0	0	0	0	0	0	0	100	0	0	0
3	7900	1.50	50	0	25	25	0	0	0	0	0	0	0	0	0	0	0	0
3	8000	1.52	175	50	25	25	50	50	25	0	0	0	0	0	50	0	0	0
3	8100	1.53	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0
3	8200	1.55	250	0	100	100	50	0	0	0	0	0	0	0	0	0	0	0

Reach	Station (distance from mouth in feet)	River Mile	Total Gravel in Wetted Channel (sq. ft)	Total in Bankfull Channel (sq. ft)	Gravel in Wetted Channel (size of each patch in sq. ft.)										Gravel in Bankfull Channel (sq. ft)		
					Grav 1	Grav 2	Grav 3	Grav 4	Grav 5	Grav 6	Grav 7	Grav 8	Grav 9	Grav 10	On Bank 1	On Bank 2	On Bank 3
3	8300	1.57	25	200	25	0	0	0	0	0	0	0	0	0	200	0	0
3	8400	1.59	50	150	50	0	0	0	0	0	0	0	0	0	150	0	0
3	8500	1.61	50	50	50	0	0	0	0	0	0	0	0	0	50	0	0
3	8600	1.63	50	50	25	25	0	0	0	0	0	0	0	0	50	0	0
3	8700	1.65	75	175	25	25	25	0	0	0	0	0	0	0	100	25	50
3	8800	1.67	75	0	50	25	0	0	0	0	0	0	0	0	0	0	0
3	8900	1.69	50	0	25	25	0	0	0	0	0	0	0	0	0	0	0
3	9000	1.70	125	75	25	100	0	0	0	0	0	0	0	0	25	50	0
3	9100	1.72	225	100	50	50	50	50	25	0	0	0	0	0	50	50	0
3	9200	1.74	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0
3	9400	1.78	75	0	25	25	25	0	0	0	0	0	0	0	0	0	0
3	9500	1.80	75	150	25	25	25	0	0	0	0	0	0	0	100	50	0
3	9600	1.82	0	600	0	0	0	0	0	0	0	0	0	0	600	0	0
3	9700	1.84	125	0	50	50	25	0	0	0	0	0	0	0	0	0	0
3	9800	1.86	0	300	0	0	0	0	0	0	0	0	0	0	300	0	0
3	9900	1.88	625	0	25	25	25	50	100	400	0	0	0	0	0	0	0
3	10000	1.89	0	100	0	0	0	0	0	0	0	0	0	0	100	0	0
3	10100	1.91	75	0	25	25	25	0	0	0	0	0	0	0	0	0	0
3	10300	1.95	25	50	25	0	0	0	0	0	0	0	0	0	50	0	0
3	10400	1.97	0	100	0	0	0	0	0	0	0	0	0	0	100	0	0
3	10500	1.99	125	0	100	25	0	0	0	0	0	0	0	0	0	0	0
3	10600	2.01	325	0	200	25	50	50	0	0	0	0	0	0	0	0	0
3	10700	2.03	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0
3	10900	2.06	25	50	25	0	0	0	0	0	0	0	0	0	50	0	0
3	11100	2.10	25	500	25	0	0	0	0	0	0	0	0	0	500	0	0
3	11200	2.12	200	0	100	100	0	0	0	0	0	0	0	0	0	0	0
3	11300	2.14	75	0	25	25	25	0	0	0	0	0	0	0	0	0	0
3	11400	2.16	500	0	400	100	0	0	0	0	0	0	0	0	0	0	0
3	11500	2.18	500	0	500	0	0	0	0	0	0	0	0	0	0	0	0
3	11600	2.20	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0
3	11800	2.23	50	50	50	0	0	0	0	0	0	0	0	0	50	0	0
3	11900	2.25	200	0	200	0	0	0	0	0	0	0	0	0	0	0	0
3	12000	2.27	1200	0	200	1000	0	0	0	0	0	0	0	0	0	0	0

Reach	Station (distance from mouth in feet)	River Mile	Total Gravel in Wetted Channel (sq. ft)	Total in Bankfull Channel (sq. ft)	Gravel in Wetted Channel (size of each patch in sq. ft.)										Gravel in Bankfull Channel (sq. ft)		
					Grav 1	Grav 2	Grav 3	Grav 4	Grav 5	Grav 6	Grav 7	Grav 8	Grav 9	Grav 10	On Bank 1	On Bank 2	On Bank 3
3	12100	2.29	500	600	500	0	0	0	0	0	0	0	0	0	200	400	0
3	12200	2.31	600	0	200	100	300	0	0	0	0	0	0	0	0	0	0
3	12300	2.33	250	200	100	100	50	0	0	0	0	0	0	0	200	0	0
3	12400	2.35	100	0	25	25	50	0	0	0	0	0	0	0	0	0	0
3	12500	2.37	100	75	50	25	25	0	0	0	0	0	0	0	25	25	25
3	12600	2.39	250	50	100	25	25	25	25	50	0	0	0	0	50	0	0
3	12700	2.41	100	150	25	25	25	25	0	0	0	0	0	0	100	25	25
3	12800	2.42	75	25	50	25	0	0	0	0	0	0	0	0	25	0	0
3	12900	2.44	525	0	25	500	0	0	0	0	0	0	0	0	0	0	0
3	13000	2.46	0	100	0	0	0	0	0	0	0	0	0	0	100	0	0
3	13200	2.50	175	0	25	25	100	25	0	0	0	0	0	0	0	0	0
3	13300	2.52	75	0	25	25	25	0	0	0	0	0	0	0	0	0	0
3	13400	2.54	75	0	25	25	25	0	0	0	0	0	0	0	0	0	0
3	13500	2.56	75	200	25	25	25	0	0	0	0	0	0	0	200	0	0
3	13600	2.58	300	0	100	200	0	0	0	0	0	0	0	0	0	0	0
3	13700	2.59	150	0	25	25	100	0	0	0	0	0	0	0	0	0	0
3	13800	2.61	400	0	400	0	0	0	0	0	0	0	0	0	0	0	0
3	13900	2.63	400	0	100	100	200	0	0	0	0	0	0	0	0	0	0
3	14000	2.65	75	100	25	50	0	0	0	0	0	0	0	0	100	0	0
3	14100	2.67	525	0	100	100	100	25	200	0	0	0	0	0	0	0	0
3	14200	2.69	75	0	25	50	0	0	0	0	0	0	0	0	0	0	0
3	14300	2.71	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0
3	14400	2.73	100	0	50	50	0	0	0	0	0	0	0	0	0	0	0
3	14500	2.75	50	0	50	0	0	0	0	0	0	0	0	0	0	0	0
3	14600	2.77	1000	0	1000	0	0	0	0	0	0	0	0	0	0	0	0
3	14700	2.78	225	0	100	25	100	0	0	0	0	0	0	0	0	0	0
3	14800	2.80	150	0	50	100	0	0	0	0	0	0	0	0	0	0	0
3	14900	2.82	150	0	100	50	0	0	0	0	0	0	0	0	0	0	0
3	15200	2.88	0	100	0	0	0	0	0	0	0	0	0	0	100	0	0
3	15300	2.90	650	0	50	100	500	0	0	0	0	0	0	0	0	0	0
3	15400	2.92	50	0	25	25	0	0	0	0	0	0	0	0	0	0	0
3	15500	2.94	100	0	50	50	0	0	0	0	0	0	0	0	0	0	0
3	15600	2.95	225	0	25	25	150	25	0	0	0	0	0	0	0	0	0

Reach	Station (distance from mouth in feet)	River Mile	Total Gravel in Wetted Channel (sq. ft)	Total in Bankfull Channel (sq. ft)	Gravel in Wetted Channel (size of each patch in sq. ft.)										Gravel in Bankfull Channel (sq. ft)			
					Grav 1	Grav 2	Grav 3	Grav 4	Grav 5	Grav 6	Grav 7	Grav 8	Grav 9	Grav 10	On Bank 1	On Bank 2	On Bank 3	
3	15800	2.99	50	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0
3	15900	3.01	700	0	500	200	0	0	0	0	0	0	0	0	0	0	0	0
3	16000	3.03	425	0	50	25	100	50	200	0	0	0	0	0	0	0	0	0
3	16100	3.05	100	0	50	25	25	0	0	0	0	0	0	0	0	0	0	0
3	16200	3.07	75	0	25	25	25	0	0	0	0	0	0	0	0	0	0	0
3	16300	3.09	200	0	25	25	100	25	25	0	0	0	0	0	0	0	0	0
3	16400	3.11	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0
3	16500	3.13	325	0	50	50	25	200	0	0	0	0	0	0	0	0	0	0
3	16700	3.16	250	0	25	25	50	100	25	25	0	0	0	0	0	0	0	0
3	16800	3.18	1050	0	25	500	25	500	0	0	0	0	0	0	0	0	0	0
3	16900	3.20	1200	400	600	100	500	0	0	0	0	0	0	0	400	0	0	0
3	17000	3.22	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0
3	17100	3.24	125	0	25	25	50	25	0	0	0	0	0	0	0	0	0	0
3	17200	3.26	275	0	25	25	25	200	0	0	0	0	0	0	0	0	0	0
3	17300	3.28	125	0	25	100	0	0	0	0	0	0	0	0	0	0	0	0
3	17500	3.31	200	400	200	0	0	0	0	0	0	0	0	0	400	0	0	0
3	17600	3.33	25	25	25	0	0	0	0	0	0	0	0	0	25	0	0	0
3	17700	3.35	200	150	200	0	0	0	0	0	0	0	0	0	150	0	0	0
3	17800	3.37	75	50	50	25	0	0	0	0	0	0	0	0	50	0	0	0
3	17900	3.39	75	0	25	25	25	0	0	0	0	0	0	0	0	0	0	0
3	18000	3.41	25	1000	25	0	0	0	0	0	0	0	0	0	1000	0	0	0
3	18100	3.43	75	0	50	25	0	0	0	0	0	0	0	0	0	0	0	0
3	18200	3.45	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0
3	18300	3.47	150	0	50	100	0	0	0	0	0	0	0	0	0	0	0	0
3	18500	3.50	100	50	25	25	50	0	0	0	0	0	0	0	50	0	0	0
3	18600	3.52	175	400	25	150	0	0	0	0	0	0	0	0	400	0	0	0
3	18700	3.54	250	0	50	100	50	25	25	0	0	0	0	0	0	0	0	0
3	18800	3.56	250	100	200	50	0	0	0	0	0	0	0	0	100	0	0	0
3	18900	3.58	75	0	25	50	0	0	0	0	0	0	0	0	0	0	0	0
3	19000	3.60	225	100	25	200	0	0	0	0	0	0	0	0	100	0	0	0
3	19100	3.62	200	0	50	25	25	25	25	50	0	0	0	0	0	0	0	0
3	19200	3.64	250	200	50	50	25	25	25	50	25	0	0	0	200	0	0	0
4	19400	3.67	525	1000	500	25	0	0	0	0	0	0	0	0	1000	0	0	0

Reach	Station (distance from mouth in feet)	River Mile	Total Gravel in Wetted Channel (sq. ft)	Total in Bankfull Channel (sq. ft)	Gravel in Wetted Channel (size of each patch in sq. ft.)										Gravel in Bankfull Channel (sq. ft)		
					Grav 1	Grav 2	Grav 3	Grav 4	Grav 5	Grav 6	Grav 7	Grav 8	Grav 9	Grav 10	On Bank 1	On Bank 2	On Bank 3
4	19500	3.69	0	1000	0	0	0	0	0	0	0	0	0	0	1000	0	0
4	19600	3.71	100	200	100	0	0	0	0	0	0	0	0	0	200	0	0
4	19700	3.73	200	0	200	0	0	0	0	0	0	0	0	0	0	0	0
4	19800	3.75	0	400	0	0	0	0	0	0	0	0	0	0	400	0	0
4	19900	3.77	50	0	25	25	0	0	0	0	0	0	0	0	0	0	0
4	20100	3.81	500	100	200	300	0	0	0	0	0	0	0	0	100	0	0
4	20300	3.84	200	100	200	0	0	0	0	0	0	0	0	0	100	0	0
4	20600	3.90	25	50	25	0	0	0	0	0	0	0	0	0	50	0	0
4	20800	3.94	100	0	100	0	0	0	0	0	0	0	0	0	0	0	0
4	21000	3.98	75	25	25	25	25	0	0	0	0	0	0	0	25	0	0
4	21100	4.00	0	25	0	0	0	0	0	0	0	0	0	0	25	0	0
4	21200	4.02	125	0	25	25	25	25	25	0	0	0	0	0	0	0	0
4	21300	4.03	75	0	25	50	0	0	0	0	0	0	0	0	0	0	0
4	21400	4.05	550	800	500	25	25	0	0	0	0	0	0	0	400	400	0
4	21500	4.07	50	0	25	25	0	0	0	0	0	0	0	0	0	0	0
4	21600	4.09	200	200	100	100	0	0	0	0	0	0	0	0	200	0	0
4	21700	4.11	0	50	0	0	0	0	0	0	0	0	0	0	25	25	0
4	21800	4.13	200	0	100	50	25	25	0	0	0	0	0	0	0	0	0
4	21900	4.15	75	0	25	50	0	0	0	0	0	0	0	0	0	0	0
4	22000	4.17	50	0	25	25	0	0	0	0	0	0	0	0	0	0	0
4	22500	4.26	275	250	50	200	25	0	0	0	0	0	0	0	250	0	0
4	22600	4.28	25	100	25	0	0	0	0	0	0	0	0	0	100	0	0
4	22800	4.32	775	200	500	25	25	25	200	0	0	0	0	0	200	0	0
4	22900	4.34	50	50	50	0	0	0	0	0	0	0	0	0	25	25	0
4	23000	4.36	25	500	25	0	0	0	0	0	0	0	0	0	500	0	0
4	23100	4.38	25	1000	25	0	0	0	0	0	0	0	0	0	1000	0	0
4	23200	4.39	500	0	500	0	0	0	0	0	0	0	0	0	0	0	0
4	23300	4.41	400	200	400	0	0	0	0	0	0	0	0	0	200	0	0
4	23400	4.43	75	0	50	25	0	0	0	0	0	0	0	0	0	0	0
4	23500	4.45	50	200	50	0	0	0	0	0	0	0	0	0	200	0	0
4	23600	4.47	175	0	25	50	50	25	25	0	0	0	0	0	0	0	0
4	23700	4.49	0	100	0	0	0	0	0	0	0	0	0	0	100	0	0
4	23800	4.51	0	25	0	0	0	0	0	0	0	0	0	0	25	0	0

Reach	Station (distance from mouth in feet)	River Mile	Total Gravel in Wetted Channel (sq. ft)	Total in Bankfull Channel (sq. ft)	Gravel in Wetted Channel (size of each patch in sq. ft.)										Gravel in Bankfull Channel (sq. ft)		
					Grav 1	Grav 2	Grav 3	Grav 4	Grav 5	Grav 6	Grav 7	Grav 8	Grav 9	Grav 10	On Bank 1	On Bank 2	On Bank 3
4	23900	4.53	50	200	50	0	0	0	0	0	0	0	0	0	200	0	0
4	24000	4.55	100	0	50	25	25	0	0	0	0	0	0	0	0	0	0
4	24100	4.56	125	0	25	100	0	0	0	0	0	0	0	0	0	0	0
4	24200	4.58	250	0	25	25	25	25	25	100	25	0	0	0	0	0	0
4	24300	4.60	125	50	25	25	50	25	0	0	0	0	0	0	50	0	0
4	24400	4.62	525	500	100	50	25	25	50	150	25	50	50	0	400	100	0
4	24500	4.64	775	500	25	400	300	50	0	0	0	0	0	0	100	400	0
4	24600	4.66	125	0	25	50	25	25	0	0	0	0	0	0	0	0	0
4	24700	4.68	400	100	200	50	100	25	25	0	0	0	0	0	100	0	0
4	24800	4.70	625	0	100	50	50	25	400	0	0	0	0	0	0	0	0
4	25000	4.73	50	0	25	25	0	0	0	0	0	0	0	0	0	0	0
4	25100	4.75	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0
4	25200	4.77	2600	0	50	50	2500	0	0	0	0	0	0	0	0	0	0
4	25300	4.79	200	0	200	0	0	0	0	0	0	0	0	0	0	0	0
4	25400	4.81	135	0	45	40	25	25	0	0	0	0	0	0	0	0	0
4	25500	4.83	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0
4	25600	4.85	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0
5	25800	4.89	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0
5	27800	5.27	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0

**Packwood Project - 2005 Lake Creek Gravel Inventory Results**

Reach	(distance from mouth in feet)	River Mile	Gravel in Wetted Channel (sq. ft)	Total in Bankfull Channel (sq. ft)	Gravel in Wetted Channel (size of each patch in sq. ft.)								Gravel in Bankfull Channel (sq. ft)					Instream Gravel Location	
					Grav 1	Grav 2	Grav 3	Grav 4	Grav 5	Grav 6	Grav 7	Grav 8	On Bank 1	On Bank 2	On Bank 3	On Bank 4	On Bank 5		
1	200	0.04	0	400									400						
1	300	0.06	100	300	50	50							300						SC
1	400	0.08	0	100									100						
1	500	0.09	0	25									25						
1	600	0.11	0	0															
1	700	0.13	0	0															
1	800	0.15	0	100									100						
1	900	0.17	0	150									75	25	50				
1	1000	0.19	0	25									25						
1	1100	0.21	25	50	25								25	25					S
1	1200	0.23	100	150	50	50							50	100					W
1	1300	0.25	25	50	25								50						B
1	1400	0.27	50	300	25	25							300						B, PT
1	1500	0.28	0	25									25						
1	1600	0.3	0	0															
1	1700	0.32	50	100	25	25							25	75					W S
1	1800	0.34	25	100	25								100						S
1	1900	0.36	25	75	25								75						S
1	2000	0.38	25	700	25								25	75	100	500			S
1	2100	0.4	75	150	25	25	25						50	100					B
1	2200	0.42	425	200	200	100	100	25					200						SC
1	2300	0.44	75	175	25	25	25						25	100	50				S
1	2400	0.45	300	400	25	100	150	25					100	100	100	100			bar
1	2500	0.47	500	750	400	100							750						SC PT
1	2600	0.49	75	50	25	25	25						50						0
1	2700	0.51	50	250	25	25							250						0
1	2800	0.53	200	300	25	25	25	25	100				300						SC
1	2900	0.55	400	200	300	25	25	25	25				200						SC
1	3000	0.57	525	75	25	25	25	50	200	200			25	50					SC B
1	3100	0.59	100	75	25	25	50						25	25	25				S
1	3200	0.61	75	50	25	25	25						50						0
1	3300	0.63	25	700	25								100	600			0		W
1	3400	0.64	100	100	75	25							100				0		B

Reach	(distance from mouth in feet)	River Mile	Gravel in Wetted Channel (sq. ft)	Total in Bankfull Channel (sq. ft)	Gravel in Wetted Channel (size of each patch in sq. ft.)								Gravel in Bankfull Channel (sq. ft)					Instream Gravel Location
					Grav 1	Grav 2	Grav 3	Grav 4	Grav 5	Grav 6	Grav 7	Grav 8	On Bank 1	On Bank 2	On Bank 3	On Bank 4	On Bank 5	
1	3500	0.66	100	50	100								50			0	0	B
2	3600	0.68	75	500	25	25	25						500			0	0	B
2	3700	0.7	175	0	150	25										0	0	B
2	3800	0.72	175	0	25	25	25	100								0	0	PT
2	3900	0.74	50	75	25	25							25	50		0	0	B
2	4000	0.76	25	100	25								25	75		0	0	S
2	4100	0.78	300	0	25	50	200	25								0	0	S
2	4200	0.8	150	300	100	25	25						100	200		0	0	S
2	4300	0.81	50	175	25	25							25	50	100	0	0	S
2	4400	0.83	75	275	50	25							250	25		0	0	S
2	4500	0.85	175	175	25	50	50	25	25				100	50	25	0	0	S
2	4600	0.87	150	50	50	25	25	50					50			0	0	B
2	4700	0.89	25	25	25								25			0	0	S
2	4800	0.91	600	300	300	300							100	200		0	0	W
2	4900	0.93	50	350	25	25							100	50	100	100	0	B
2	5000	0.95	325	550	25	100	200						50	100	400		0	W
2	5100	0.97	650	250	50	50	50	50	50	100	100	200	50	200			0	W B
2	5200	0.98	250	525	50	50	100	50					500	25			0	
2	5300	1	200	0	25	25	25	25	25	25	25	25					0	S
2	5400	1.02	75	275	25	25	25						25	25	200	25	0	B
2	5500	1.04	175	125	25	100	25	25					25	100			0	B
2	5600	1.06	50	100	25	25							100				0	
2	5700	1.08	0	50									25	25			0	
2	5800	1.1	200	25	200								25				0	B
2	5900	1.12	25	50	25								50				0	B
2	6000	1.14	500	400	200	300							400				0	W
2	6100	1.16	0	0													0	
2	6200	1.17	0	0													0	
2	6300	1.19	500	150	25	25	50	50	50	300			25	50	25	50	0	W
3	6400	1.21	125	25	25	25	75						25				0	W
3	6500	1.23	75	300	25	25	25						300				0	B
3	6600	1.25	200	325	25	25	50	100					150	25	25	25	100	B
3	6700	1.27	175	25	25	25	50	25	50				25				0	B
3	6800	1.29	75	275	25	25	25						25	100	150		0	B
3	6900	1.31	25	225	25								25	200			0	

Reach	(distance from mouth in feet)	River Mile	Gravel in Wetted Channel (sq. ft)	Total in Bankfull Channel (sq. ft)	Gravel in Wetted Channel (size of each patch in sq. ft.)								Gravel in Bankfull Channel (sq. ft)					Instream Gravel Location	
					Grav 1	Grav 2	Grav 3	Grav 4	Grav 5	Grav 6	Grav 7	Grav 8	On Bank 1	On Bank 2	On Bank 3	On Bank 4	On Bank 5		
3	7000	1.33	25	25	25								25						
3	7100	1.34	75	100	25	25	25						25	25	50				S
3	7200	1.36	525	150	25	25	25	25	25	100	300		50	50	50				
3	7300	1.38	50	450	25	25							100	25	25	50	250		
3	7400	1.4	50	50	50								25	25					PT
3	7500	1.42	75	300	50	25							200	50	50				B
3	7600	1.44	50	150	25	25							50	100					S
3	7700	1.46	200	200	25	25	100	50					200						B
3	7800	1.48	75	0	25	50													B
3	7900	1.5	125	150	25	25	25	25	25				25	100	25				W
3	8000	1.52	325	275	25	25	50	150	25	50			25	150	100				B
3	8100	1.53	350	325	100	50	150	50					25	25	50	25	200		B
3	8200	1.55	75	75	25	25	25						25	50					B
3	8300	1.57	75	50	25	25	25						50						B
3	8400	1.59	100	50	100								50						B
3	8500	1.61	225	200	25	25	150	25					50	150					B
3	8600	1.63	175	400	25	50	100						150	100	150				B
3	8700	1.65	175	50	25	25	50	50	25				50						B
3	8800	1.67	100	50	50	25	25						25	25					B
3	8900	1.69	75	100	25	25	25						50	25	25				B
3	9000	1.7	100	150	50	25	25						100	50					B
3	9100	1.72	150	125	100	25	25						25	50	50				PT
3	9200	1.74	225	25	25	25	25	25	100	25			25						B
3	9300	1.76	125	50	25	25	25	25	25				25	25					S
3	9400	1.78	250	0	100	50	25	25	25	25									B
3	9500	1.8	25	250	25								150	100					B
3	9600	1.82	200	225	50	25	25	50	50				200	25					PT
3	9700	1.84	250	50	100	125	25						25	25					B
3	9800	1.86	75	250	25	25	25						150	100					B
3	9900	1.88	100	100	50	25	25						100						B
3	10000	1.89	50	50	50								25	25					B
3	10100	1.91	75	500	25	50							400	100					B
3	10200	1.93	275	150	150	25	100						150						B
3	10300	1.95	250	150	150	25	25	25	25				25	25	25	50	25		B
3	10400	1.97	150	225	25	25	25	50	25				150	50	25				B

Reach	(distance from mouth in feet)	River Mile	Gravel in Wetted Channel (sq. ft)	Total in Bankfull Channel (sq. ft)	Gravel in Wetted Channel (size of each patch in sq. ft.)								Gravel in Bankfull Channel (sq. ft)					Instream Gravel Location
					Grav 1	Grav 2	Grav 3	Grav 4	Grav 5	Grav 6	Grav 7	Grav 8	On Bank 1	On Bank 2	On Bank 3	On Bank 4	On Bank 5	
3	10500	1.99	400	300	25	50	25	100	100	100			50	50	100	100		W
3	10600	2.01	25	50	25								50					
3	10700	2.03	25	0	25													B
3	10800	2.05	300	200	300								200					W
3	10900	2.06	250	175	150	50	50						150	25				PT
3	11000	2.08	450	200	300	100	50						200					B
3	11100	2.1	350	150	50	50	50	50	50	100			50	100				W

**Instream Gravel Location Codes**

- SC side channel
- B behind boulder
- PT pool tailout
- W large wood
- S side of channel
- bar on bar