

APPENDIX E

Pebble Counts

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Pebble Counts

Nine (9) pebble counts were collected as part of the geomorphic assessment of the reach, Figure 1.



Figure 1. Pebble count locations collected as part of the geomorphic assessment.

Pebble counts were compared to previous sediment sampling conducted in 2004 by WEST consultants. Sample locations and methods differed between sample sets but a general fining trend closer to the confluence was observed and D50 sizes were comparable. Table 1 summarizes the pebble counts collected as part of the geomorphic assessment. Sediment distributions for each of the pebble counts are shown in Figure 2.

Table 1. Pebble counts collected along the project reach.

NAME	RIVER MILE (RM)	SAMPLE DESCRIPTION	D50 (MM)
PC1	0.2	Surface - cutoff meander	32.0
PC2	0.2	Subsurface - cutoff meander	5.5
PC3	2.1	Right below highway 12	30.7
PC4	1.8	Point bar - actively migrating meander	38.5
PC5	1.6	Point bar - actively migrating meander into Key's Rd. Near riprap bank	26.9
PC6	0.6	Point bar - upstream of avulsion channel	31.1
PC7	0.6	Subsurface - upstream of avulsion channel	8.8

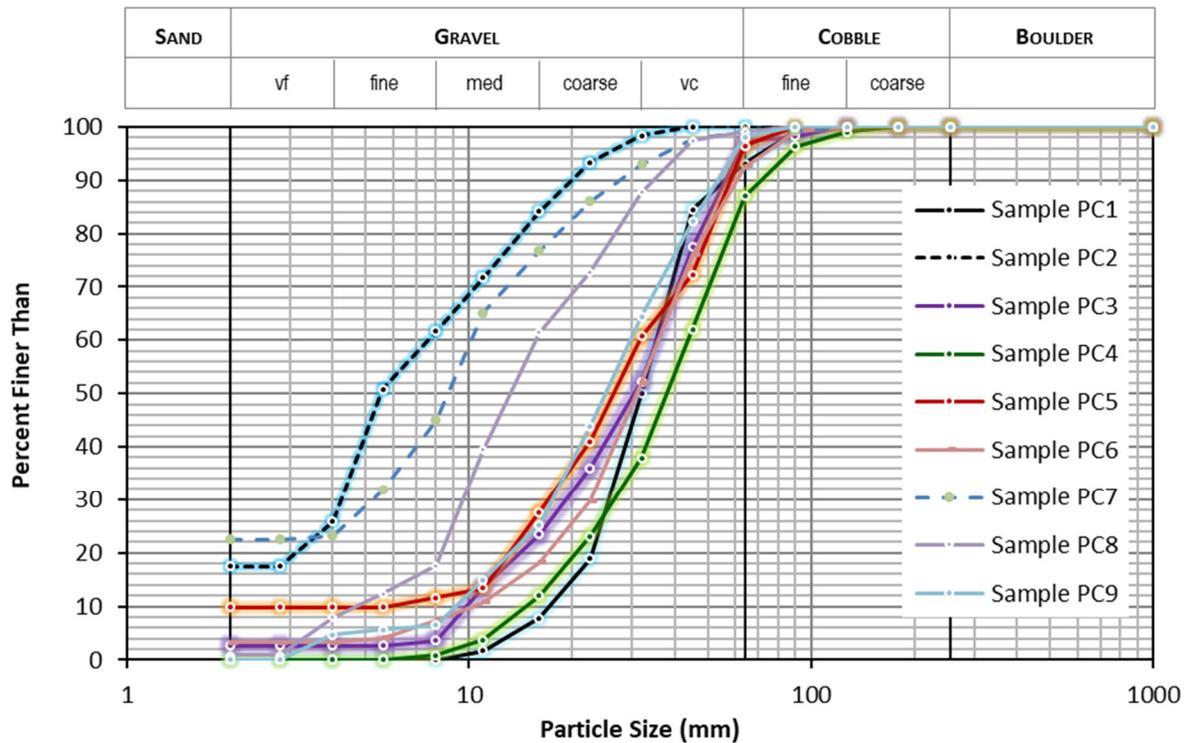


Figure 2. Sediment distribution associated with pebble counts collected in the reach.