

As described in the Channel Morphology and Habitat section of the report, we collected percent pool area relative to wetted area, average residual depth, and pebble counts at restored and unrestored sites. This document provides additional data for the following:

1. The 2019 average percent pool area relative to wetted area and average residual depth for each sample site, grouped by site type (restored and unrestored), on Left Hand Creek (Table 1).
2. The 2017 through 2019 pebble count data for all transects at all sites on Left Hand Creek (Figure 1).
3. The 2017 through 2019 average percent sand for all sites on Left Hand Creek (Figure 2).
4. The 2017 through 2019 average percent sand for each watershed zone by site type (restored and unrestored) on Left Hand Creek (Figure 3).

Table 1. The 2019 habitat survey summary of all restored (project) and unrestored sites on Left Hand Creek grouped by watershed zone. Metrics for each site include percent pool area relative to wetted area (% PA:WA), average residual pool depth (Avg. Resid. PD) and pool count (Pool Ct.). Watershed zone averages and sample size (n) listed in bold.

|           | Project                       |                 |                 |                | Unrestored         |                 |                |                 |
|-----------|-------------------------------|-----------------|-----------------|----------------|--------------------|-----------------|----------------|-----------------|
|           | Site                          | % PA: WA        | Avg. Resid. PD  | Pool Ct.       | Site               | % PA: WA        | Avg. Resid. PD | Pool Ct.        |
| Canyons   | <b>Upper Left Hand</b>        | 45.5            | 1.0             | 9              | <b>FS Meadow</b>   | 49.0            | 1.2            | 15              |
|           | <b>US Buckingham</b>          | 33.7            | 1.9             | 3              | <b>Buckingham</b>  | 49.8            | 1.5            | 12              |
|           | <b>Canyons Avg. (n)</b>       | <b>39.6 (2)</b> | <b>1.45 (2)</b> | <b>6 (2)</b>   |                    | <b>49.4 (2)</b> | <b>1.3 (2)</b> | <b>13.5 (2)</b> |
| Foothills | <b>Streamcrest</b>            | 34.5            | 1.4             | 8              | <b>Legacy 2 DS</b> | 51.6            | 1.6            | 8               |
|           | <b>Ranch</b>                  | 42.5            | 1.4             | 8              | <b>Kauvar</b>      | 46.9            | 1.4            | 7               |
|           | <b>Foothills Avg. (n)</b>     | <b>38.5 (2)</b> | <b>1.4 (2)</b>  | <b>8 (2)</b>   |                    | <b>49.3 (2)</b> | <b>1.5 (2)</b> | <b>7.5 (2)</b>  |
| Plains    | <b>63<sup>rd</sup> Street</b> | 14.3            | 1.1             | 3              | <b>Haystack</b>    | 32.5            | 1.6            | 6               |
|           | <b>81<sup>st</sup> Street</b> | 53.5            | 1.6             | 11             |                    |                 |                |                 |
|           | <b>Reach 3B</b>               | 50.0            | 1.7             | 5              |                    |                 |                |                 |
|           | <b>Plains Avg. (n)</b>        | <b>39.3 (3)</b> | <b>1.4 (3)</b>  | <b>6.3 (3)</b> |                    | <b>32.5 (1)</b> | <b>1.6 (1)</b> | <b>6 (1)</b>    |

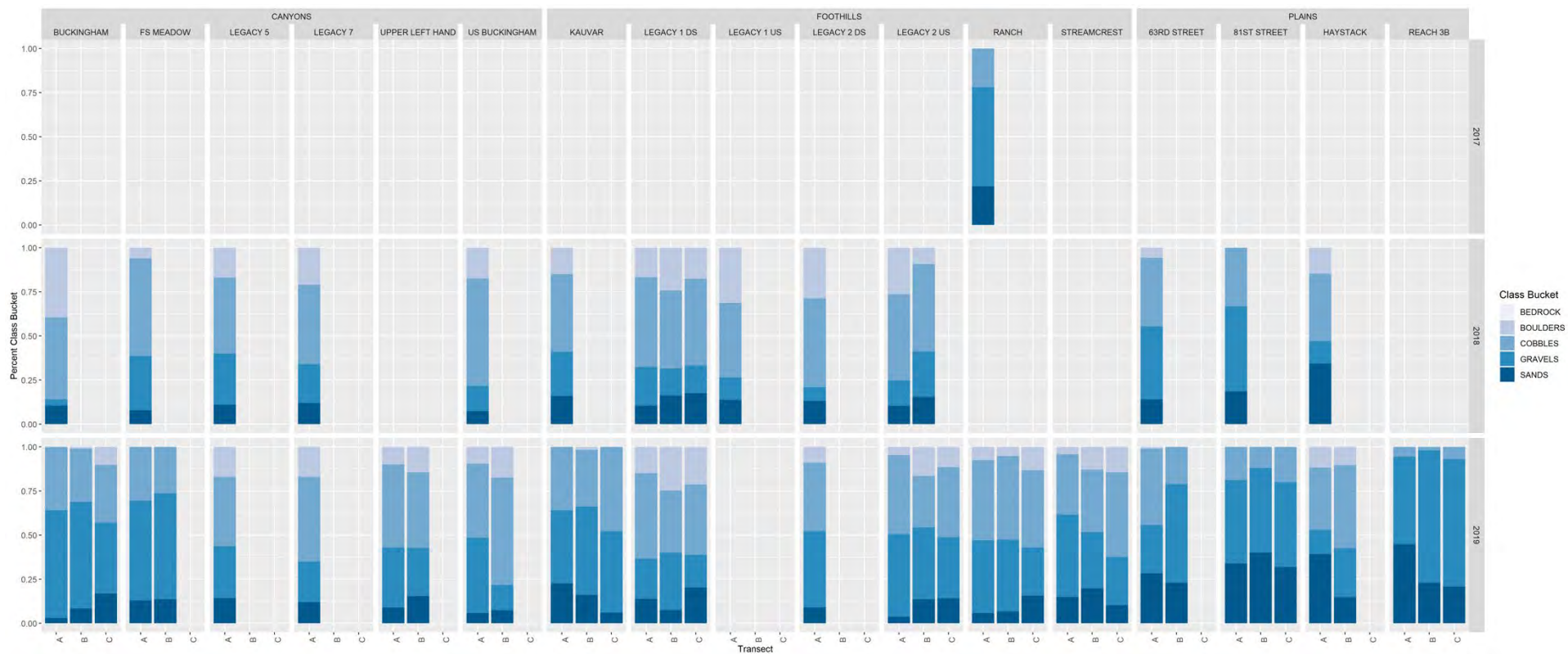


Figure 1. The 2017 through 2019 pebble count data for all transects at all sites on Left Hand Creek. Data are presented in Class Bulk size classes, or the proportion of substrate from each sample in each size class (Sands (<2 mm), Gravels (2- 60 mm), Cobbles (60- 256 mm), Boulders (>256 mm) and Bedrock).

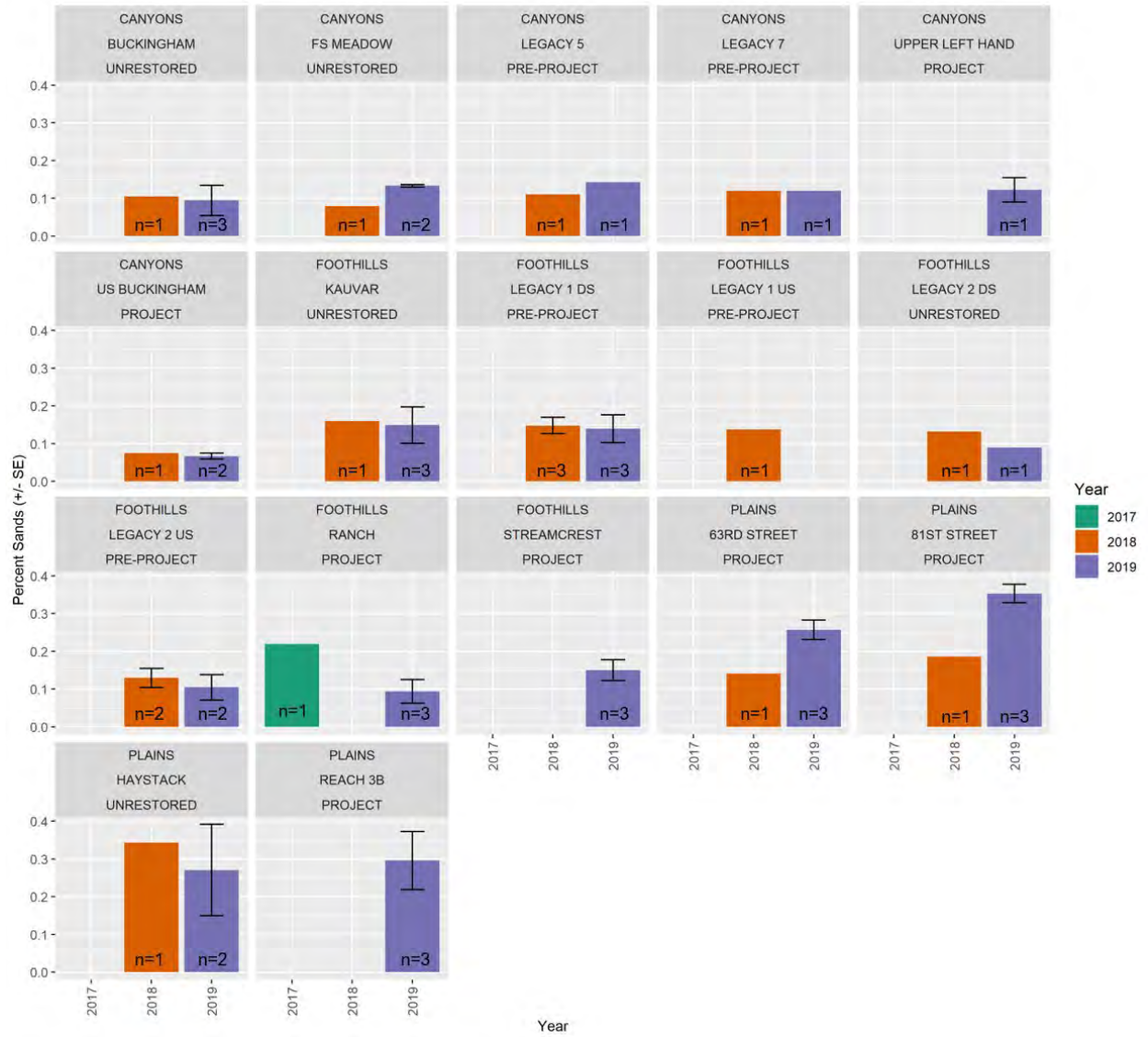


Figure 2. The 2017 through 2019 average percent sand (+/- standard error) for each site on Left Hand Creek. Sample size indicated by 'n' value.

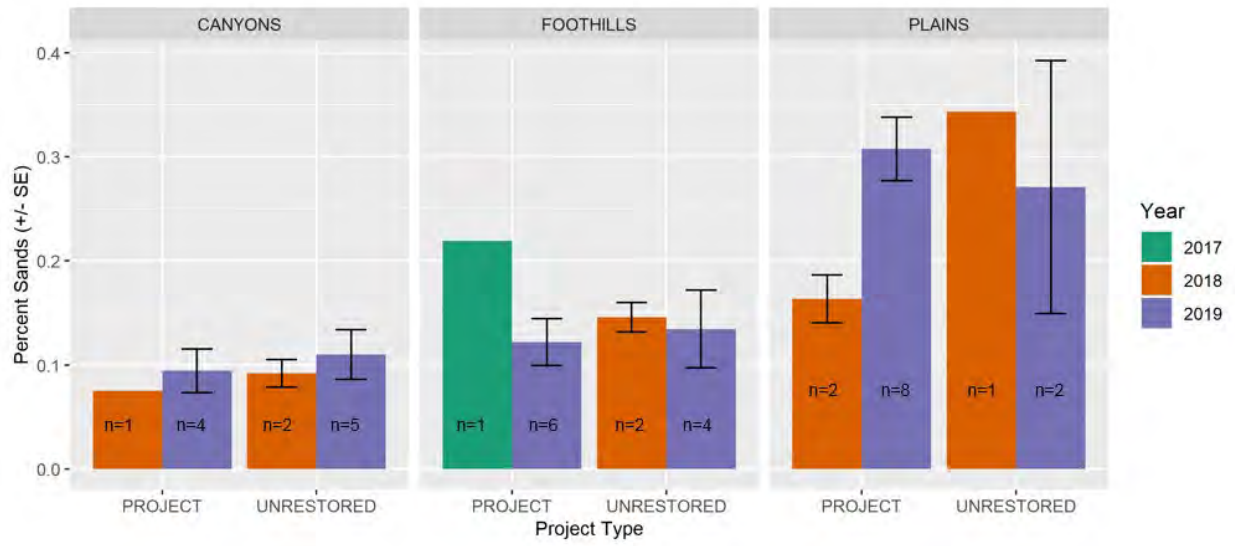


Figure 3. The 2017 through 2019 average percent sand (+/- standard error) for all sites in each watershed zone by site type (restored and unrestored). Sample size indicated by 'n' value.