

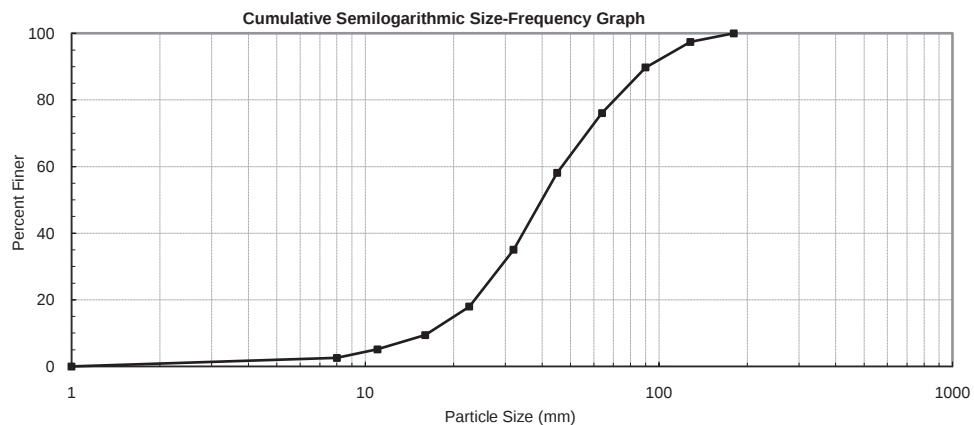
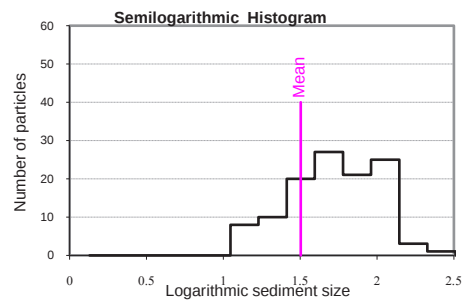
## Appendix B. Wolman Pebble Count Data

### PARTICLE COUNTS

Site: WPC 1  
 Date: March 6, 2008  
 Measurement by: RLF / GJB  
 Remarks: Sampled using a 1/2 $\phi$  Gravelometer  
 Location: RM = 160.5  
 RKM = 258.3  
**NOTE:** See original notes for more information on sampling this site.

| DATA: Particle size (mm) |      |      |      |     |
|--------------------------|------|------|------|-----|
| 1                        | 64   | 64   | 45   | 180 |
| 32                       | 45   | 32   | 32   | 11  |
| 64                       | 11   | 32   | 22.6 | 64  |
| 16                       | 8    | 64   | 32   | 32  |
| 22.6                     | 16   | 64   | 90   | 45  |
| 8                        | 32   | 45   | 90   | 32  |
| 1                        | 64   | 64   | 128  |     |
| 16                       | 45   | 90   | 90   |     |
| 22.6                     | 45   | 45   | 64   |     |
| 22.6                     | 32   | 45   | 8    |     |
| 32                       | 90   | 64   | 90   |     |
| 22.6                     | 90   | 32   | 45   |     |
| 16                       | 22.6 | 128  | 45   |     |
| 32                       | 11   | 45   | 45   |     |
| 32                       | 32   | 64   | 128  |     |
| 16                       | 64   | 64   | 64   |     |
| 64                       | 32   | 16   | 32   |     |
| 16                       | 22.6 | 22.6 | 45   |     |
| 22.6                     | 16   | 32   | 32   |     |
| 16                       | 45   | 22.6 | 22.6 |     |
| 22.6                     | 16   | 32   | 90   |     |
| 22.6                     | 45   | 22.6 | 45   |     |
| 22.6                     | 32   | 90   | 22.6 |     |
| 22.6                     | 32   | 32   | 11   |     |
| 32                       | 32   | 22.6 | 32   |     |
| 32                       | 1    | 22.6 | 45   |     |
| 45                       | 11   | 32   | 45   |     |
| 45                       | 45   | 22.6 | 64   |     |

| Particle Characteristics |   |      |    |
|--------------------------|---|------|----|
| D <sub>90</sub>          | = | 91.1 | mm |
| D <sub>84</sub>          | = | 78.2 | mm |
| D <sub>65</sub>          | = | 51.5 | mm |
| D <sub>50</sub>          | = | 39.9 | mm |
| D <sub>35</sub>          | = | 32   | mm |
| D <sub>16</sub>          | = | 20.8 | mm |
| D <sub>g</sub>           | = | 40.3 | mm |
| $\sigma_g$               | = | 1.94 | mm |
| G                        | = | 0.98 |    |



**Figure B1.** Wolman pebble count data for RKM 258.3 at site WPC\_1, near Bonners Ferry, Idaho, water year 2008.

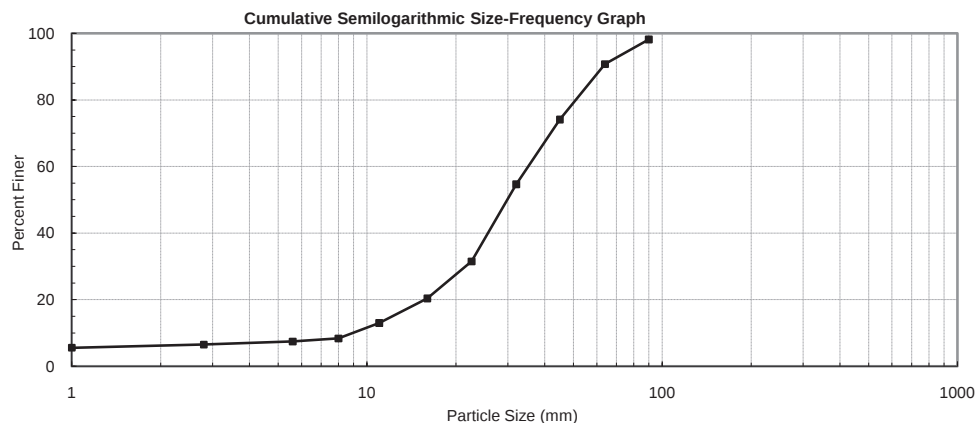
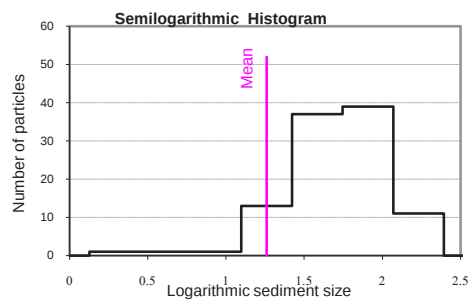
## PARTICLE COUNTS

Site: WPC 6  
 Date: March 6, 2008  
 Measurement by: RLF / GJB  
 Remarks: Sampled using a 1/2 $\phi$  Gravelometer  
 Location: RM = 153.5  
 RKM = 247.1

**NOTE:** See original notes for more information on sampling this site.

| DATA: Particle size (mm) |      |       |      |  |
|--------------------------|------|-------|------|--|
| 16                       | 32   | 22.6  | 32   |  |
| 22.6                     | 64   | 32    | 45   |  |
| 45                       | 45   | 22.6  | 5.6  |  |
| 1                        | 11   | 2.8   | 32   |  |
| 16                       | 45   | 32    | 45   |  |
| 64                       | 22.6 | 0.125 | 90   |  |
| 22.6                     | 8    | 11    | 32   |  |
| 22.6                     | 32   | 64    | 32   |  |
| 0.0625                   | 11   | 45    | 11   |  |
| 0.0625                   | 16   | 45    | 45   |  |
| 0.0625                   | 22.6 | 90    | 32   |  |
| 0.0625                   | 22.6 | 45    | 22.6 |  |
| 16                       | 22.6 | 45    | 8    |  |
| 32                       | 32   | 16    | 64   |  |
| 32                       | 22.6 | 22.6  | 45   |  |
| 32                       | 32   | 32    | 90   |  |
| 32                       | 64   | 22.6  | 22.6 |  |
| 16                       | 22.6 | 11    | 22.6 |  |
| 22.6                     | 32   | 11    |      |  |
| 16                       | 32   | 45    |      |  |
| 0.125                    | 16   | 8     |      |  |
| 22.6                     | 45   | 22.6  |      |  |
| 22.6                     | 8    | 16    |      |  |
| 22.6                     | 32   | 64    |      |  |
| 45                       | 45   | 16    |      |  |
| 45                       | 11   | 22.6  |      |  |
| 32                       | 22.6 | 45    |      |  |
| 64                       | 45   | 64    |      |  |

| Particle Characteristics |   |         |
|--------------------------|---|---------|
| D <sub>90</sub>          | = | 63 mm   |
| D <sub>84</sub>          | = | 55.6 mm |
| D <sub>65</sub>          | = | 38.4 mm |
| D <sub>50</sub>          | = | 29.8 mm |
| D <sub>35</sub>          | = | 23.8 mm |
| D <sub>16</sub>          | = | 12.8 mm |
| D <sub>g</sub>           | = | 26.7 mm |
| $\sigma_g$               | = | 2.08 mm |
| G                        | = | 1.02    |



**Figure B2.** Wolman pebble count data for RKM 247.1 at site WPC\_6, near Bonners Ferry, Idaho, water year 2008.