

Appendix 1 – Sediment grain-size distribution data from the pre-placement stockpile.

(Files available at

http://pubs.usgs.gov/of/2012/1083/of2012-1083_appendixes/of2012-1083_appendix_1/)

Grain size distribution data from the stockpile sediment samples are provided in the workbook: **Appendix_1_Results**. There are three sheets within this file:

Progress – A summary of the completion dates for the laboratory methods utilized for these analyses.

Weights – Raw weights and computed weight-based percentages of the sediment samples from grain-size sieving.

SDSZ – The integrated grain-size distribution results for the sediment samples. Results are presented in the weight-based percentage of sample in 0.25-phi classes. In addition to these results, a number of sediment statistics were calculated using the USGS SEDSIZE software. Further details about SEDSIZE can be found at http://water.usgs.gov/cgi-bin/man_wrdapp?sedsize. Grain-size statistics generated by SEDSIZE include:

- percentage of gravel (>2 mm) by weight,
- percentage of sand (0.063–2 mm) by weight,
- percentage of silt (0.004–0.063 mm) by weight,
- percentage of clay (<0.004 mm) by weight,
- percentage of mud (combined silt and clay) by weight,
- various ratios of the grain-size classes described above, and
- statistical measures of the grain-size distributions made by using techniques suggested by Folk and Ward (1957), Inman (1952), and Trask (1932).