Appendix 3 – Sediment grain-size distribution data from beach samples.

(Files available at *http://pubs.usgs.gov/of/2012/1083/of2012-1083_appendixes/of2012-1083_appendix_3/*)

Grain-size distribtion data from the beach-sediment samples obtained during the pre-project and Phase II of the project are provided in two workbooks named: ***Appendix_3_Results_PhaseII*** and ***Appendix_3_Results_PreProject***. Both files contain the following worksheets:

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).

In addtion, the pre-project file contains the following worksheet:

Sampling_Notes – A summary of the sample dates, sample locations (latitude, longitude, relative location on the beach), and the laboratory methods utilized for these analyses.

The Phase II file contains the following additional worksheets:

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

Pit Details – Sample location information, including sample depth and along-trench distance.