

Table 6.4. Surface area measurements, sieve analysis and calculation of effective surface areas before and after weathering testing in duplicate for the Middle Kittanning Sandstone.

**Middle Kittanning Sandstone**

	surface area	% retained	normalized surface area
3/8	2.65		0
#4	2.55	0.4	1
#10	2.79	0.25	0.7
#16	2.82	0.1	0.3
#40	2.79	0.1	0.3
#60	2.69	0.05	0.1
pan	3.23	0.1	0.3

2.7  
m<sup>2</sup>/g

**Middle Kittanning Sandstone**

	surface area	% retained	normalized surface area
3/8	2.7		0
#4	2.74	0.4	1.1
#16	3.05	0.35	1.07
#40	2.91	0.1	0.29
#60	2.53	0.05	0.13
pan	2.91	0.1	0.29

2.87  
m<sup>2</sup>/g