

Table 6.3. Surface area measurements, sieve analysis and calculation of effective surface areas before and after weathering testing in duplicate for the Houchin Creek Shale.

Houchin Creek Shale

surface		normalized surface area
area	% retained	
3/8	13.03	0
#4	15.77	0.4
#10	12.15	0.25
#16	17.8	0.1
#40	18.5	0.1
#60	17.06	0.05
pan	11.39	0.1

15
m²/g

Houchin Creek Shale

surface		normalized surface area
area	% retained	
3/8	13.09	0
#4	10.98	0.4
#16	13.78	0.35
#40	14.02	0.1
#60	16.58	0.05
pan	12.75	0.1

12.72
m²/g

surface		normalized surface area
area	% retained	
3/8	11.59	0
#4	10.31	0.4
#16	8.68	0.35
#40	9.08	0.1
#60	11.55	0.05
pan	12.2	0.1

9.87
m²/g