

Name _____

Earth Materials I
Data Sheet for Experiment 1B – Identification of Unknown

2θ (deg)	d (Å)	I	d (Å)	I	d (Å)	I	d (Å)	I
	Measured		Compound A		Measured – Compound A		Difference Renormalized	
27.6								
31.8								
35.0								
38.3								
40.1								
45.8								
53.0								
54.4								
57.0								
62.9								
66.8								
70.5								
73.7								
76.0								
77.4								
84.9		10						
91.3		10						
102.4		10						
109.2		10						
111.4		10						
121.0		10						
129.0		10						
131.8		10						
145.5		10						
158.8		10						

Compound A _____

Compound B _____