

Name _____

MINERALS IN THIN SECTION

Box #	Slide #	Mineral(s) to Identify	Mineral	Characteristics
1	X-0251	Dominant mineral		
4	X-0310	Brown in plane light, high relief		
5	X-0320	Brown in plane light, high relief		
6	X-0330	Fractured, high relief		
9	X-0371	Colorless, high relief		
19	X-0820	Dominant mineral		
22	X-0881	Green pleochroic mineral		
33	X-1250	Pleochroic brown and high birefringence mineral		
40	X-1500	Dominant mineral		
46	X-1590	Identify the three major minerals		
47	X-1621	Mineral with undulatory extinction		

Box #	Slide #	Mineral(s) to Identify	Mineral	Characteristics
48	X-1810	Identify the four major minerals (one is pleochroic)		
49	X-1830	Identify the isometric mineral		

List of Unknown Minerals

Acmite	Nepheline
Augite	Olivine
Biotite	Orthoclase
Garnet	Plagioclase
Hypersthene	Quartz
Kyanite	Sodalite
Microcline	Titanite
Muscovite	Zircon