

Geo 347K  
Spring '98  
M. Helper

***TABLE OF APPROXIMATE HARDNESS,  
R.I., AND S.G. FOR SOME COMMON GEM MINERALS***

<b>MINERAL</b>	<b>H</b>	<b>R.I.</b>	<b>S.G.</b>
Diamond	10	2.417	3.52
Corundum	9	1.759-1.770	4.00
Chrysoberyl	8 1/2	1.746-1.755	3.73
Spinel	8	1.718	3.60
Topaz	8	1.619-1.627	3.53
Beryl	7 1/2	1.577-1.583	2.72
Almandine Garnet	7 1/2	1.80	4.05
Zircon	7 1/2	1.925-1.984	4.70
Tourmaline	7	1.624-1.644	3.0-3.1
Quartz	7	1.544-1.553	2.66
Jadeite	7	1.654-1.667	3.34
Opal	5-6	1.45	2.15