

GLY 4310
30 points
18 students took exam

Name _____
February 15, 2010

LAB MIDTERM 1

For each of the following specimens, identify the mineral, including variety if any, and list one distinctive property which helps to identify the mineral. (1 point each blank)

Mineral Name	Property
1. <u>Hemimorphite</u>	<u>Globular Habit</u>
2. <u>Willemite</u>	<u>LW UV - bright green</u>
3. <u>Natrolite</u>	<u>Radiating habit</u>
4. <u>Danburite</u>	<u>Twinning striations</u>
5. <u>Biotite</u>	<u>Perfect basal cleavage</u>
6. <u>Labradorite</u>	<u>Play of colors</u>
7. <u>Tourmaline</u>	<u>Striated crystals</u>
8. <u>Topaz</u>	<u>H = 8</u>

Identify each of the following minerals, including variety, if any. (2 points each)

9. Glaucophane
10. Hornblende
11. Stilbite
12. Augite
13. Olivine
14. Microcline
15. Epidote

Lab Midterm Grade

29.5		
<u>29.0 - 2</u>	A+	
28.5 - 4		
<u>28.0 - 3</u>	A	MEDIAN = 28
<u>27.0</u>	A-	MEAN = 26.8, 89.4%
26.5		
<u>26.0</u>	B+	
<u>25.0</u>	B	
<u>24.5 - 2</u>	B-	
<u>23.0</u>	C+	
<u>22.0</u>	C	

Lab Grade to Date (90 possible)

Includes Labs 1-3, Lab Midterm 1

89.0		
87.5 - 2		
<u>87.0</u>	A+	
86.5		
86.0		
85.5		
85.0		
84.5		MEDIAN = 84.3
<u>84.0</u>	A	MEAN = 84.0, 93.4%
83.5 - 2		
83.0		
82.0		
<u>81.0</u>	A-	
79.5		
79.0		
<u>77.9</u>	B+	