

GLY 4310
30 points

Name _____
February 11, 2020

LAB MIDTERM 1 KEY

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
0	1. <u>Prehnite</u>	0.5	<u>Botryoidal habit</u>
0	2. <u>Albite</u>	0	<u>Twining striations</u>
0	3. <u>Labradorite</u>	0	<u>Play of colors</u>
1	4. <u>Hemimorphite</u>	1	<u>Globular habit</u>
2	5. <u>Riebeckite</u>	0.5	<u>Fibrous or 2-D @ 60°</u>
1	6. <u>Microcline</u>	1	<u>H =6, 2-D cleavage</u>
0	7. <u>Pectolite</u>	0	<u>Radiating habit</u>
1	8. <u>Tremolite</u>	0	<u>Fluorescent Bright orange LW & Dull oran. SW</u>

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

- 0 9. Rhodonite
- 4 10. Hedenbergite Any other pyroxene, -1
- 6 11. Talc
- 0 12. (White) Cristobalite
- 2 13. (Purple) Garnierite
- 0 14. Olivine
- 2 15. Quartz, var. Smoky

