# Lab 8 Checklist

### Benjamin Bass

### $March\ 30,\ 2016$

## Contents

1	Carbonates													
	1.1	Malachite [3/3]						5						
		1.1.1 <b>DONE</b> Annotate Photo						5						
		1.1.2 <b>DONE</b> Streak: Torquoise-Green						5						
		1.1.3 <b>DONE</b> Color						5						
	1.2	Azurite [6/6]						5						
		1.2.1 <b>DONE</b> Annotate Photo						5						
		1.2.2 <b>DONE</b> Formula						5						
		1.2.3 <b>DONE</b> Azure blue color						5						
		1.2.4 <b>DONE</b> Effervesces a little						5						
		1.2.5 <b>DONE</b> Formas: Encrusting Botryoidal						5						
	1.2.6 <b>DONE</b> Always associated with Malachite or smiths													
<b>2</b>	C14							_						
4		ides						5						
	2.1	Galena [6/6]						5						
		2.1.1 <b>DONE</b> Annotate Photo						5						
		2.1.2 <b>DONE</b> Spec Grav: 7.58, very heavy						5						
		2.1.3 <b>DONE</b> Galena only has one color						5						
		2.1.4 <b>DONE</b> Luster: Metalic						5						
		2.1.5 <b>DONE</b> Cubic form						5						
		2.1.6 <b>DONE</b> Perfect cubic cleavage						5						
	2.2	Marcasite [8/8]						5						
		2.2.1 <b>DONE</b> Annotate Photo						5						
		2.2.2 <b>DONE</b> Cockscomb Form						5						
		2.2.3 <b>DONE</b> Luster: Metallic						5						
		2.2.4 <b>DONE</b> Polymorph						5						
		2.2.5 <b>DONE</b> Powders Up Easily												

	2.2.6	DONE Cruddy Mineral	5
	2.2.7		5
	2.2.8	DONE Everybody's favorite something	5
2.3		[5/5]	5
2.0	2.3.1	DONE Annotate Photo	5
	2.3.1 $2.3.2$	DONE Color: Pale, brass yellow. Fools Gold	5
	2.3.2	DONE Crystal Form: Cubic or Pyritohedron	5
	2.3.4	DONE Streak: greenish/blackish brown (interesting).	5
	2.3.4 $2.3.5$	DONE Strictions Perpindicular to each other	5
2.4		erite [5/5]	5
2.1	2.4.1	DONE Annotate Photo	5
	2.4.1	DONE Streak: Palish Yellow	5
	2.4.3	DONE Luster: Metallic	5
	2.4.4		5
	2.4.5	DONE Often confused with Garnet	5
2.5		ppyrite $[5/5]$	5
2.0	2.5.1	DONE Annotate Photo	5
	2.5.1 $2.5.2$		5
	2.5.2 $2.5.3$	<b>DONE</b> Form: Grainy massive form, Massive Habit	5
	2.5.4	DONE Luster: Irridescent Tarnish	5
	2.5.4 $2.5.5$	DONE Streak: Greenish Black	5
2.6		e [4/4]	5
2.0	2.6.1	DONE Annotate Photo	5
	2.6.2	DONE Color: Peacock Ore, colors of rainbow	5
	2.6.3		5
	2.6.4	DONE Form: Massive Habit (tiny crystals intergrown	
	2.0.4	in a mass. Indistinguishable)	5
2.7	Coveli	te [5/5]	5
	2.7.1	DONE Annotate Photo	5
	2.7.2	DONE Luster: Irridescent	5
	2.7.3	<b>DONE</b> Form: Platy Crystals + description	5
	2.7.4	<b>DONE</b> Color: Bluer Blue than Blue	5
	2.7.5	DONE Hardness of 1.5/2 (really soft)	5
2.8		denite $[5/5]$	5
	2.8.1	DONE Annotate Photo	5
	2.8.2	<b>DONE</b> Hardness: 1-1.5, if you rub it, it comes off in	
		hand	5
	2.8.3	DONE Luster: Metallic	5
	2.8.4	DONE Streak: Greyish Blue	5
	2.8.5	DONE Form: Plate/Hexagonal	5

2.9	Chalcocite (No Sheet)											5
	Stibnite (No Sheet)											
2.11	Cinnabar (No Sheet) .											5
	Realgar (No Sheet)											
2.13	Orpiment (No Sheet) .											5

#### 1 Carbonates

- 1.1 Malachite [3/3]
- 1.1.1 DONE Annotate Photo
- 1.1.2 DONE Streak: Torquoise-Green
- 1.1.3 DONE Color
- 1.2 Azurite [6/6]
- 1.2.1 DONE Annotate Photo
- 1.2.2 DONE Formula
- 1.2.3 DONE Azure blue color
- 1.2.4 DONE Effervesces a little
- 1.2.5 DONE Formas: Encrusting Botryoidal
- 1.2.6 DONE Always associated with Malachite or smithsonite

#### 2 Sulfides

- 2.1 Galena [6/6]
- 2.1.1 DONE Annotate Photo
- 2.1.2 DONE Spec Grav: 7.58, very heavy
- 2.1.3 DONE Galena only has one color
- 2.1.4 DONE Luster: Metalic
- 2.1.5 DONE Cubic form
- 2.1.6 DONE Perfect cubic cleavage
- 2.2 Marcasite [8/8]
- 2.2.1 DONE Annotate Photo
- 2.2.2 DONE Cockscomb Form.
- 2.2.3 DONE Luster: Metallic
- 2.2.4 DONE Polymorph
- 2.2.5 DONE Powders Up Easily
- 2.2.6 DONE Cruddy Mineral
- 2.2.7 DONE Same Chemical
- 2.2.8 DONE Everybody's favorite something
- 2.3 Pyrite [5/5]
- 2.3.1 DONE Annotate Photo
- 2.3.2 DONE Color: Pale brass vellow Fools Gold

5