**Mentor Rocks and Minerals Key - 2017**

**Station #1**

1. Albite

2. C

3. D

4. Yes

5. Accept any value between 2.60-2.65

**Station #2**

1. PbS

2. B

3. Silver

4. Missouri and Wisconsin

5. D

**Station #3**

1. NaCl

2. A

3. C

4. Yes

5. 2.17

**Station #4**

1. Olivine

2. B

3. B

4. B

5. Yes

**Station #5**

1. Almandine

2. No

3. No

4. C

5. Conchoidal

**Station #6**

1. Fe2O3

2. Iron

3. Corundum

4. Aventurescence (or Aventurization)

5. D

**Station #7**

1. Selenite (do not accept just gypsum)

2. A

3. HCl or Hydrochloric Acid

4. Monoclinic

5. C

**Station #8**

1. KAlSi3O8

2. C

3. A

4. Straight Fracture (only accept this)

5. D

**Station #9 – TB6**

1. Hornblende

2. Amphibolites

3. C

4. Epidote

5. D

**Station #10 - TB5**

1. Al2O3

2. A

3. Bauxite

4. B

5. None (only accept none)

**Station #11**

1. Beryl

2. A

3. B

4. D

5. No

**Station #12 – TB3**

1. Agate

2. Petoskey Stone

3. Cryptocrystalline

4. B

5. Conchoidal

**Station #13 – TB4**

1. Garnet Mica Schist (only accept this)

2. Staurolite

3. “To split” (only accept “Split” or “To Split”)

4. Georgia

5. B

**Station #14**

1. Chalcopyrite

2. D

3. 3.5

4. Sphalerite

5. HNO3 or Nitric Acid

**Station #15 – TB2**

1. Diamond

2. Gypsum

3. Gold

4. Azurite

5. Bornite

6. Rhodonite

7. Hematite

8. Arkose

9. Coquina

10. Travertine

**Station #16 - TB1**

1. Triclinic

2. Monoclinic

3. Orthorhombic

4. Tetragonal

5. Trigonal

6. Copper

7. Lead

8. Beryllium

9. Barium

10. Zinc