

Figure A: Predicted Results of 10 Randomly Selected Images from the **Andesite** Rock Label.
LABELS: 0 - Andesite. 1 - Rhyolite. 2 - Gneiss. 3 - Marble. 4 - Schist. 5 - Quartzite.

The confidence level in the y-axis of the bar charts (with green, grey and red bars) is an indication of the degree of **similarity**. For each of the labels (0-5), the confidence level shows the predicted similarity or closeness of the labels to the images on the left LHS of the bar charts. The label with highest similarity/confidence level is predicted by the computer program as the image label on the LHS. The green color bar is the actual label. If the prediction is incorrect, a red color bar is displayed and the **predicted label** with the confidence level value, in red color, would show at the bottom of the image being predicted.

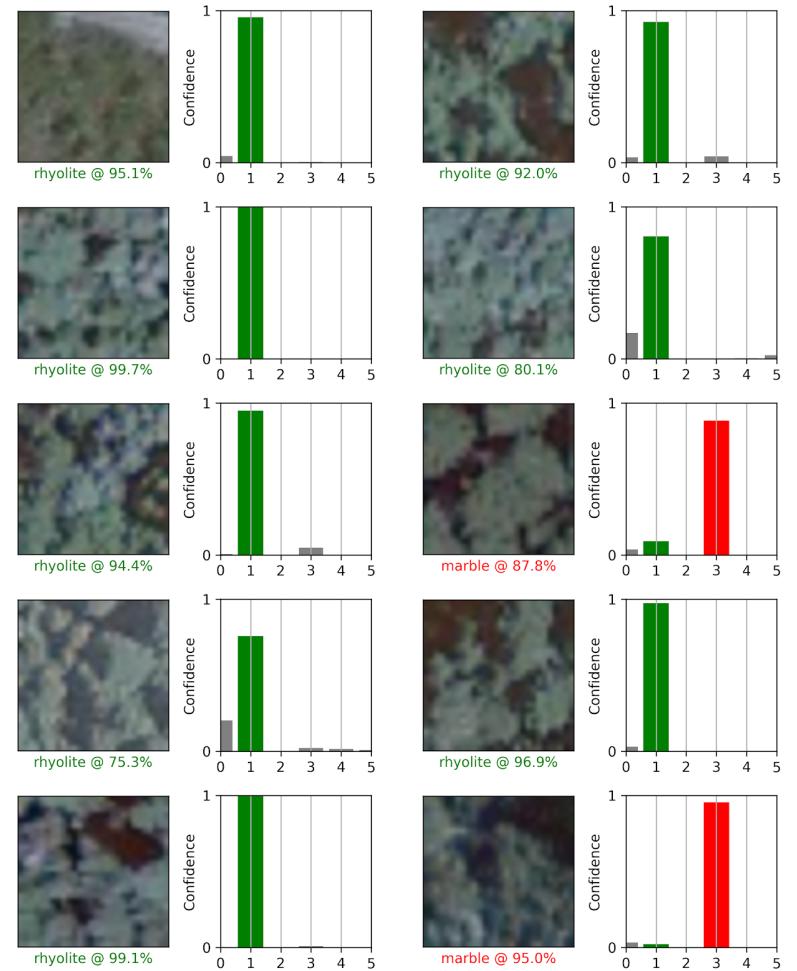


Figure B: Predicted Results of 10 Randomly Selected Images from the **Rhyolite** Rock Label.
LABEL: 0 - Andesite. 1 - Rhyolite. 2 - Gneiss. 3 - Marble. 4 - Schist. 5 - Quartzite.

Comments under Figure 3a are also applicable.

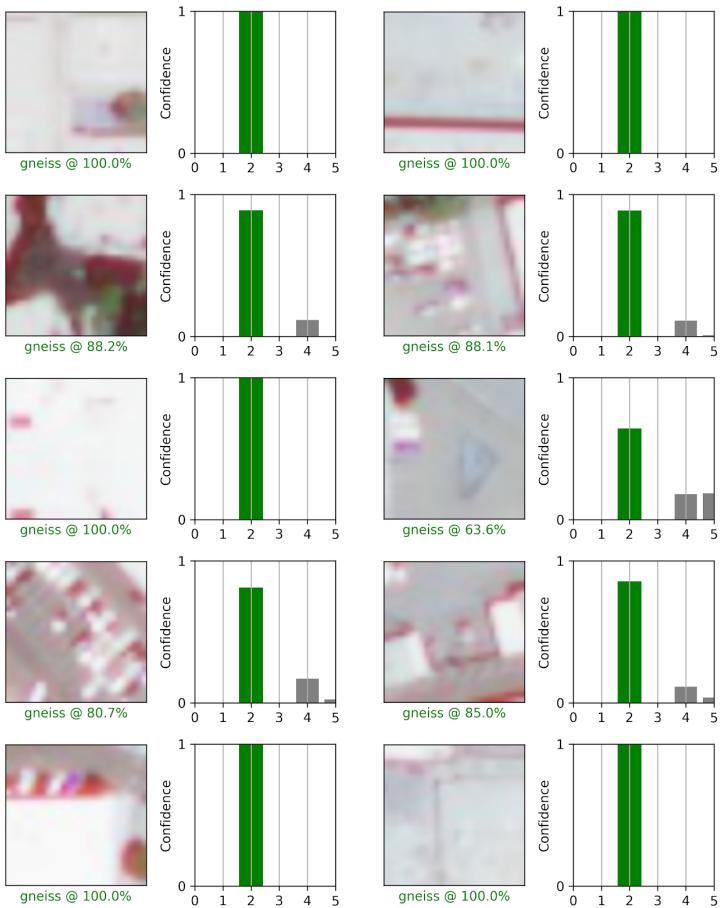


Figure C: Predicted Results of 10 Randomly Selected Images from the **Gneiss** Rock Label.
LABEL: **0** - Andesite. **1** - Rhyolite. **2** - Gneiss. **3** - Marble. **4** - Schist. **5** - Quartzite.
Comments under Figure 3a are also applicable.

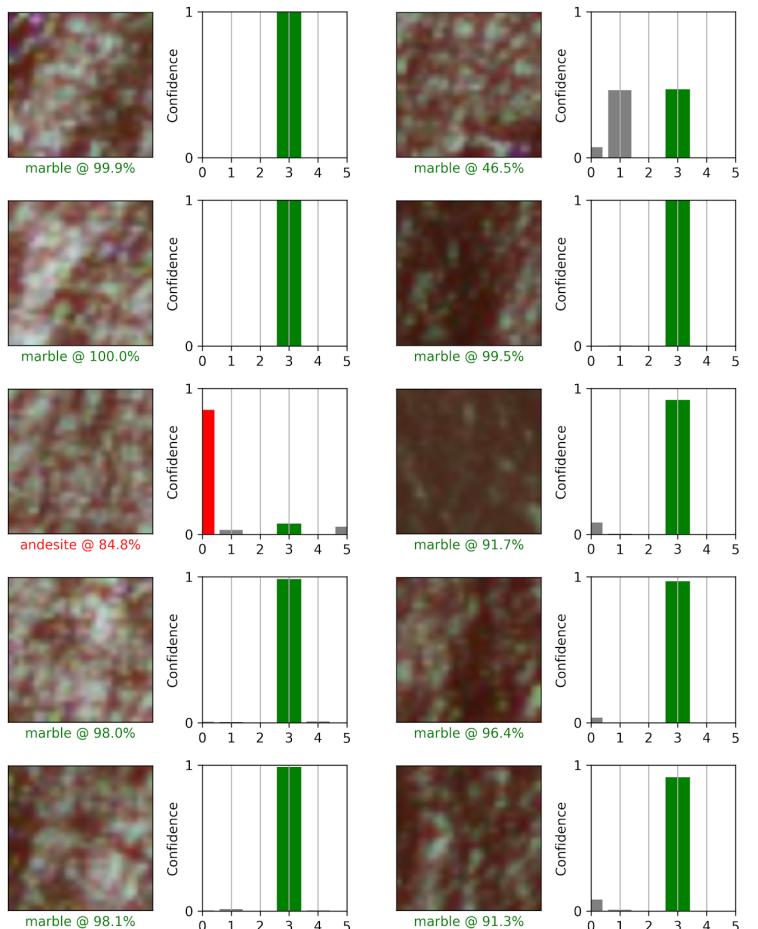


Figure D: Predicted Results of 10 Randomly Selected Images from the **Marble** Rock Label.
LABEL: **0** - Andesite. **1** - Rhyolite. **2** - Gneiss. **3** - Marble. **4** - Schist. **5** - Quartzite.
Comments under Figure 3a are also applicable.

