



For Teachers: Rock Identification Key

The rocks included in this trunk are all from the Golden Gate National Parks (GGNRA). A National Park Service Collection Permit was required in order to collect the rocks. On many of the rocks, you will see a small dot of nail polish. The nail polish is a color code, indicating the precise collection site. If and when the *Rocks on the Move Traveling Trunk* program is discontinued, all rocks will be returned to their collection sites.

Some rocks have no colored nail polish. The diabase and serpentinite samples each came from one collection site, so no site designation is required for us to know where to return the rock.

We tried to use rocks that would be relatively easy to identify (except for the *Mystery Rocks*). Many Franciscan rocks happen to be a shade of gray, and sometimes the difference between "rough and gritty" or "smooth" can be difficult to ascertain, so we devised a labeling code to enable you (the teacher) to sort out the rocks easily:

All rocks should have a small, white label with a combination of numbers and letters. This label is your "quick key."

QUICK IDENTIFICATION KEY

- Any label containing "1" marks a sample of **graywacke**.
- Any label containing "2" marks a sample of **serpentinite**.
- Any label containing "3" marks a sample of **basalt**.
- Any label containing "4" marks a sample of **mystery rock**.
- Any label containing "5" marks a sample of **diabase**.
- Any label containing "6" marks a sample of **chert**.