

NAME: _____

PERIOD: _____ DATE: _____

ROCKS IN THE REFERENCE TABLES

by Charles Burrows

IGNEOUS ROCKS

	INTRUSIVE	EXTRUSIVE	PLUTONIC	VOLCANIC	VERY COARSE	COARSE	FINE	GLASSY	VESICULAR	NON-VESICULAR	LIGHT	INTERMEDIATE COLOR	DARK	LOW DENSITY	INTERMEDIATE DENSITY	HIGH DENSITY	FELSIC	INTERMEDIATE COMPOSITION	MAFIC	POTASSIUM FELDSPAR	QUARTZ	PLAGIOCLASE FELDSPAR	BIOTITE	AMPHIBOLE	PYROXENE	OLIVINE	
1) ANDESITE																											
2) BASALT																											
3) DUNITE																											
4) GABBRO																											
5) GRANITE																											
6) OBSIDIAN																											
7) PEGMATITE																											
8) PERIDOTITE																											
9) PUMICE																											
10) SCORIA																											

TOTAL NUMBER OF CHECKS: _____

SEDIMENTARY ROCKS

	INORGANIC LAND-DERIVED	CHEMICALLY FORMED	ORGANICALLY FORMED	CLASTIC	CRYSTALLINE	CRYSTALLINE OR BIOCLASTIC	BIOCLASTIC	MOSTLY QUARTZ, FELDSPAR, AND CLAY MINERALS	HALITE	GYPSUM	DOLOMITE	CALCITE	CARBON	ROUNDED FRAGMENTS	ANGULAR FRAGMENTS	PEBBLES, COBBLES, AND/OR BOULDERS EMBEDDED IN SAND, SILT, AND/OR CLAY	SAND-SIZE FRAGMENTS	SILT-SIZE FRAGMENTS	CLAY-SIZE FRAGMENTS	FINE TO COARSE CRYSTALS	MICROSCOPIC TO VERY COARSE
1) BITUMINOUS COAL																					
2) BRECCIA																					
3) CONGLOMERATE																					
4) DOLOSTONE																					
5) LIMESTONE																					
6) ROCK GYPSUM																					
7) ROCK SALT																					
8) SANDSTONE																					
9) SHALE																					
10) SILTSTONE																					

TOTAL NUMBER OF CHECKS: _____

METAMORPHIC ROCKS

	FOLIATED	NONFOLIATED	MINERAL ALIGNMENT	BANDING	FINE	FINE TO MEDIUM	MEDIUM TO COARSE	FINE TO COARSE	COARSE	MICA	QUARTZ	FELDSPAR	AMPHIBOLE	GARNET	PYROXENE	CARBON	CALCITE AND/OR DOLOMITE	VARIOUS MINERALS	REGIONAL METAMORPHISM	CONTACT METAMORPHISM	REGIONAL OR CONTACT	ORIGINAL ROCK NAME	
1) ANTHRACITE COAL																							
2) GNEISS																							
3) HORNFELS																							
4) MARBLE																							
5) METACONGLOMERATE																							
6) PHYLLITE																							
7) QUARTZITE																							
8) SCHIST																							
9) SLATE																							

TOTAL NUMBER OF CHECKS: _____