

GENERALIZED GEOLOGIC COLUMNAR SECTION BITUMINOUS COAL MEASURES

APPALACHIAN PLATEAU, WESTERN PENNSYLVANIA
 COMPILATIONS & REVISIONS FROM DIAMOND CORE DRILLING
 LOGS & RECORDS OF:
 WILLIAM J. MARKS, GEOLOGIST
 AND THE PENNSYLVANIA GEOLOGICAL SURVEY COAL GEOLOGISTS
 FOR
 THE BUREAU OF ABANDONED MINE RECLAMATION
 (NO VERTICAL SCALE)

NOTE:
 THIS COLUMNAR SECTION IS A GENERALIZED STRATIGRAPHIC SEQUENCE OF THE COAL BEARING MEASURES ON THE APPALACHIAN PLATEAU IN WESTERN PENNSYLVANIA. IT IS NOT INTENDED TO BE A SITE SPECIFIC REFERENCE.
 THIS COLUMNAR IS DYNAMIC, MEANING AS THE B.A.M.R. EXPLORATORY CORE DRILLING CONTINUES, MODIFICATIONS & REVISIONS ARE EXPECTED.
 THE FOSSILS THAT ARE INDICATED ON THIS COLUMN ARE FOSSILS OF SPECIAL INTEREST OR FOSSILS THAT ARE CHARACTERISTIC OF PARTICULAR UNITS OVER A WIDE-SPREAD GEOGRAPHIC AREA. THEY ARE NOT MEANT TO REPRESENT INDEX FOSSILS.
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NOTE: THESE FRESH WATER LIMESTONES ARE GENERALLY LIGHT GRAY WHEN FRESHLY CORED & WEATHER TO A YELLOW-BROWN AS SEEN IN OUTCROP.

NOTE: THE UNDERCLAY OF THE PITTSBURGH COAL IS CALCAREOUS. THIS CaCO3 MAY BE DIRECTLY UNDER THE COAL OR SEVERAL FEET INTO THE CLAYSTONE.

NOTE: A NOTICEABLE CHARACTERISTIC FEATURE OF THE AMES IS ITS "HASHY" TEXTURE CAUSED BY ABUNDANT CRURITHYRIS BRACHIOPODS.

NOTE: THE GASTROPOD WORTHENIA IN THE BRUSH CREEK ARE LARGE AND ORNATE AND FOUND IN MANY COUNTIES

NOTE: THE VANPORT IS CHARACTERIZED BY ITS LARGE, CRINOID STEMS. SHARKS TEETH ARE COMMON

NOTE: THE SHARON COAL IS A LENTICULAR, DISCONTINUOUS CHANNEL COAL WHICH IS LATERALLY SERPENTINE AND OFTEN ABSENT. INFORMATION ACQUIRED FROM THE B.A.M.R. AIR & CORE DRILLING, HISTORICAL RECORDS, AND ANN HARRIS, GEOLOGIST, YOUNGSTOWN STATE UNIVERSITY.

