PHOTO 1. VDGMR Boston Whaler used for river sampling in the Coastal Plain.

PHOTO 2. Five-ft. vertical channel sample R-09213, near Scotland Landing, Mattaponi River, King William County, VA.

PHOTO 3. Base of Calvert Formation near Putney's Mill, sample R-09200, Pamunkey River, New Kent County, VA.

PHOTO 4. VDGMR truck-mounted auger rig drilling in the Coastal Plain.

PHOTO 5. Sample R-09192 taken at base of Calvert Formation, Carmel Church Quarry, Caroline County, VA; gravel- and pebble-size clasts of dark phosphate.

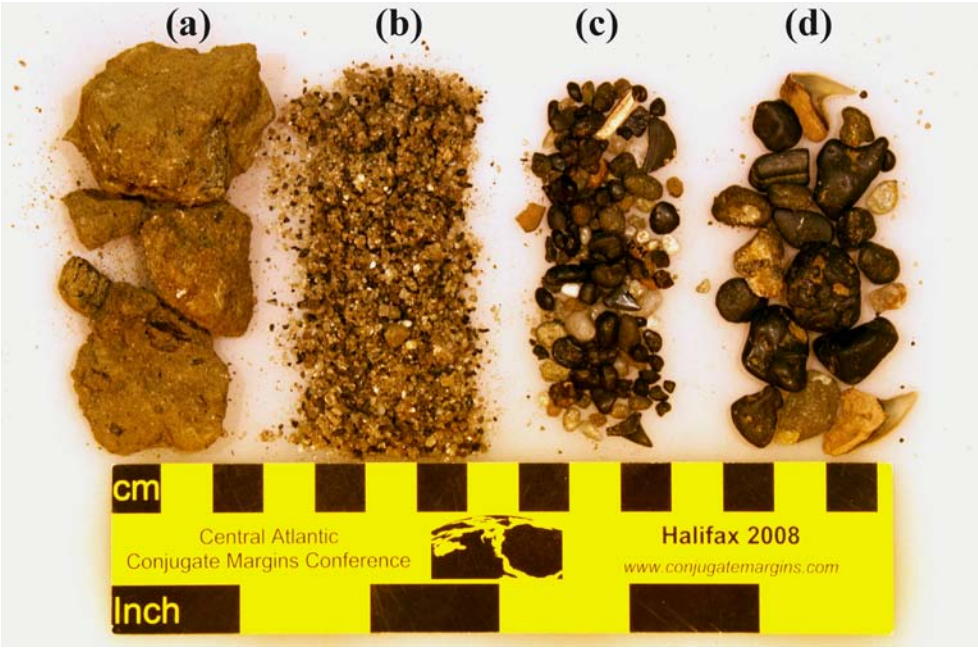

PHOTO 6. Sample R-10339 taken from borehole 10344-1, 17-18' bgs, Gravatts Mill Pond, King William County, VA; (a) Calvert Formation raw sample with 3.0% P_2O_5; (b) >0.5mm <2.0mm sieve fraction; (c) >2.0mm <4.76mm sieve fraction; (d) >4.76mm sieve fraction; notable phosphate nodules, bone fragments and shark teeth in all particle size fractions.