CORE NO. 1 DESCRIPTION:
Core No.1 (11420'-11427') Cut 7', recovered 4.9' of 100% conglomerate. Conglomerate characterized by cobbles to approx 6" dia. varying to granules w/minor pebble sizes. General composition is green schists and minor gry to gry-wht qtzites w/complete rounding dominant. Matrix is dom. chloritic w/variably abund calcite and variably abund micro-pyrite disseminations. Milky qtz veins common in qtzites. Abund "matrix" is unstable, esp at base of core.

From Top to Bottom of Core No. 1 (4.9'):
(Top)3.0" - Rubble of cobbles to pebbles
2.0" - Solid cgl of dom granules to pbs.
1.5" - Quartzite cobble
2.5" - Solid cgl. of cobbles to pbs.
4.5" - Rubble of cobbles (1"-3" dia.)
8.0" - Solid cgl w/one 4.25" quartzite
Cobble and 3.75" of granules to pebbles.
3.5" - Rubble of qtzite and schist, dom cobbles
6.0" - Solid cg. of cobbles to pebbles
2.5" - Solid cgl of cobbles to pebbles
5.0" - Rubble of cobbles to granules (qtzites & schists)
6.5" - Solid cgl of cobbles to pebbles
6.0" - Solid cgl of dom granules to pebbles
8.0" - Rubble composed of small cobbles (2.5") to granules w/v/abund "decay"-grade chloritic matrix. (Variable rounding alternation noted at base-of-core cobbles from bit action.) (Core confirmed samples cought during coring circulation.)

NOTE: Metamorphism of conglomerate cobbles, granules and pebbles absent, with the metamorphism being confined to the matrix. Cobbles, granules and pebbles totally lacked both optical continuity with the matrix and exhibited zero encroachment metamorphic alteration. Thus the conglomerate of Core No. 1, as a unit, is a rudaceous sediment with metamorphosed matrix. (Conclusion made without thin section study.)

WB/dw
299/A