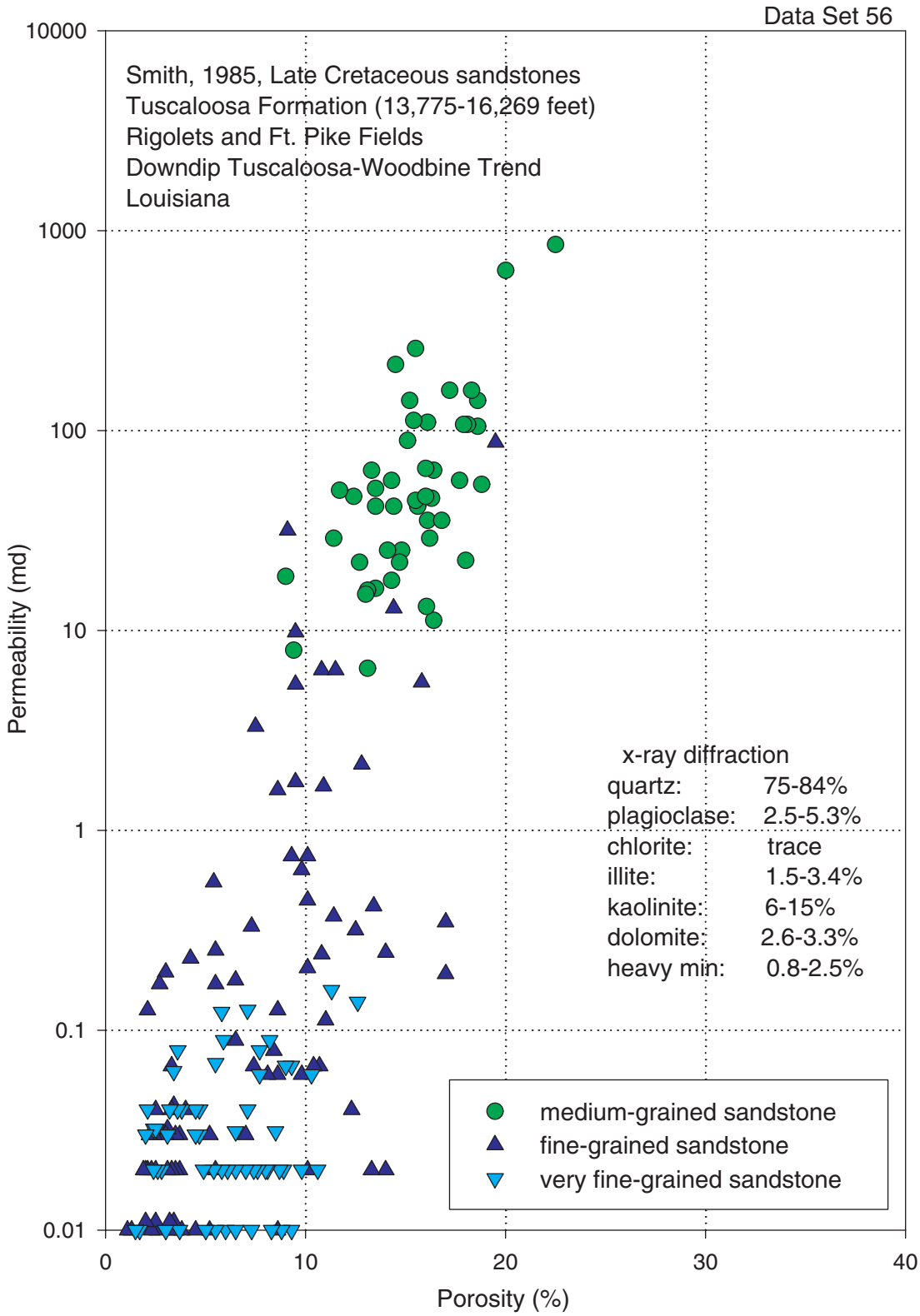
Data Set 56
Smith, 1985, Late Cretaceous sandstones
Tuscaloosa Formation (13,775-16,269 feet)
Rigolets and Ft. Pike Fields
Downdip Tuscaloosa-Woodbine Trend
Louisiana
x-ray diffraction
quartz: 75-84%
plagioclase: 2.5-5.3%
chlorite: trace
illite: 1.5-3.4%
kaolinite: 6-15%
dolomite: 2.6-3.3%
heavy min: 0.8-2.5%
medium-grained sandstone
fine-grained sandstone
very fine-grained sandstone
Permeability (md)
10000
1000
100
10
1
0.1
0.01
Porosity (%)
0
10
20
30
40