

TR7. 199

**R. 404****CLAY FROM BEACONSFIELD**

The sample of clay from Lease 67M/40 (W. C. Leonard), obtained by the Chief Geologist in February, for evaluation purposes, has been examined for suitability for ceramic and paper purposes. The sample contains 81 percent of material finer than 20 microns. This material has an ignition loss of 5.3 percent, which indicates no more than 38 percent of clay, thus precluding any use as a paper clay.

The sample cannot be semi-dry pressed successfully, as a very weak briquette is obtained showing laminations and being hard to expell from the die. The sample does not possess sufficient plasticity for stiff plastic pressing or extrusion.

The deposit was the subject of a geological report (Technical Report No. 2, page 42), and additional samples are indicated to more accurately assess the value of the material.