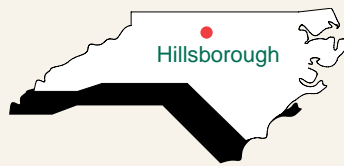




# RESCO MINERALS

*Consistent performance, pure and simple.*





## Piedmont Minerals

**ALKATROL®**

**ANDAFRAC®**

**PYROFRAC®**

**PYROPHYL®**

**PYROTROL®**

**ANDA-SLAG®**

**PYRO-SLAG®**

## Piedmont Minerals Division

### *The "Hillsborough" Deposit*

In the Piedmont region of the state of North Carolina lies what is known as the "slate belt" which runs northeasterly and southwesterly from Virginia to South Carolina. Within this belt a number of lenticular, pod-like deposits of pyrophyllite appear as intrusions in the host quartzite rock and usually have a sericite periphery. Many of these deposits consist of foliated and crystalline pyrophyllite, while the "Hillsborough" deposit is made up mostly of the massive variety of pyrophyllite. Uniquely, this formation is masked by the mineral andalusite which increases the refractoriness of this natural mineral combination. This Piedmont Minerals deposit, being the only andalusite mined commercially in the United States today, has been mined since 1958, producing this unusual refractory ore from the Hillsborough location for use in many high temperature applications. Beneficiation of this ore has been increased over the years to give the maximum output of super-duty refractory grain with an extremely high level of purity. The refractoriness of this high purity grain is greater than most other grains of equal or somewhat higher alumina content.

The natural combination of andalusite and massive pyrophyllite provides an excellent source of alumina and silica for whitewares and other ceramic products. Blends of this mineral combination with quartz and sericite have been formulated to accommodate many different applications in the foundry and ceramic markets. High density ceramic-lined pebble mills are used to produce various finely ground andalusite/pyrophyllite materials. The fact that a major portion of the total alumina and silica content in these products is found in the minerals andalusite and pyrophyllite makes the "Hillsborough" deposit a most important raw material.



**Goldart® Clay**

**Bonding Clay**

**Salt Lick Clay**

**Ceramic fire clay**

**Redart® Clay**

**Fireclay**

**Roseville Clay**

## Cedar Heights Clay Division

Cedar Heights Clay is located in the southern portion of Ohio, near the historic village of Oak Hill. The company began mining and processing the local clays in 1924, primarily to serve the Ohio ceramic industry. Since that time, the uses for these clays have expanded to include the foundry, steel, refractory, filler, hobby clay, structural clay, and artware industries, both foreign and domestic. With proven clay reserves and two processing plants, Cedar Heights Clay is positioned and equipped to supply many industries with high quality clays, well into the 21st Century.

## *Consistent performance, pure and simple.*

For forty-plus years, our Piedmont Minerals and Cedar Heights Clay divisions have been two of the nation's leading suppliers of quality raw materials for refractory, whiteware, brick, tile, and hobby clay producers the world over.

For anyone involved in purchasing minerals and clays for any application, consistency counts. You know this. We know this. Resco invests a lot of time, energy and effort in achieving consistency. Consistent quality has value to you. Dependable supply has value. So does technical expertise and process knowledge. A perfect fit between material formulation and application is very important. A dependable, customer-driven source of ideas has value.

This consistency and value means synergy between customer and supplier. And from synergy comes strength.

Please contact us if you would like samples or more information.



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