Raw Materials – Made in France

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Luc Bourgy – Raw Materials and Ceramic Applications
Contents

Ball Clays
Feldspars
Kaolins
Talc
Others:
Mica, Andalousite…
Ball Clays

**Provins:**
- Fine grained kaolinite
- High Al2O3 – Low Alkali
- Refractory - tiles applications

**Tournon Saint Martin**
- Kaolinite / Montmorillonite
- Medium/high Al2O3
- Tiles application

**Clerac**
- Kaolinite
- Medium/high Al2O3
- Refractory – chamotte application

**Beaulon**
- Kaolinite
- Medium Al2O3
- Tiles application

**Logistic**
- Train, Truck, Vessel, Container…
Feldspars

Etang sur Arroux:
- Mixed feldspar – 5%K2O – 5%Na2O
- Tiles - Glass

Montebras
- Leucogranite – 4%K2O – 4%Na2O
- Presence of Lithium, Tin …
- Tiles applications

Feldspath du Sud
- Mixed feldspars – 7% Na2O – 4% K2O
- Presence of anorthite
- Tiles – Glass applications

Logistic Train, Truck, Vessels…
Kaolins

Brittany
- Primary kaolins
- Typical 1% Fe2O3
- Tiles Glaze – sanitaryware - speciality

Beauvoir
- Primary kaolin
- Low Fe2O3 - 0.4%
- Tableware – tiles applications

Logistic: Train, Truck, Vessel, Container…
Talc

Luzenac

- Talc and Chlorite
- Macrocristalline talc
- Plastic, rubber, paint filler – Ceramic applications

Logistic Train, Truck, Vessel, Container…
Others

**Mica - Brittany**
- Muscovite
- Co-product of kaolin production

**Andalousite - Brittany**
- Andalousite
- Refractory applications

**Etang sur Arroux**
- Biotite
- Co-product of feldspar production

**Logistic**
Train, Truck, Vessel, Container…