Barite ore from Clara Mine, Black Forest, Germany
(Sachtleben GmbH & Co. KG)

Summary (after one pass comminution):

- Valuable minerals of both ore types (barite & fluorite) are completely liberated.
- For both ore types, 90% of the fragmentation products show, after implementation of a single pass through the VeRo Liberator®, particles that are sized ≤ 1 mm.
- Almost 70% of the bulk mass is in the grain size range ≤ 250 µm.

Extracted from original factsheet dated Aug. 29, 2013. Contact us for more details.
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(Sachtleben GmbH & Co. KG)

Ba content [%]*

<table>
<thead>
<tr>
<th>Unsieved sample</th>
<th>4 mm</th>
<th>1 mm</th>
<th>500 µm</th>
<th>250 µm</th>
<th>125 µm</th>
<th>63 µm</th>
<th>&lt;63 µm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample</td>
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<td>7.743</td>
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</tbody>
</table>

Ø 0.241 0.396 0.409 0.63 4.828 8.57 13.507

Other metals (unsieved sample)

Ca 6.386% Sr 0.417% Sb 0.043%
Fe 0.977% Cu 0.494% Zn 0.017%
K 0.583% As 0.074% Pb 0.015%

Sieve analysis

OPERATOR: E. Burmester/K. Kamradt
Date: 03.05.2013
Sample number: ws_ba < 15
Sample: barite ore, Clara Mine, Wolfach
Fa. Sachtleben GmbH & Co. KG, Germany
Sample type: some lower, dry
Barite ore from Clara Mine, Black Forest, Germany

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