FNS - FILLING THE GAP FOR LAND RECLAMATION

Sand supply is becoming a worldwide issue: it is the 3rd most used resource in the world and natural reserves are depleting. SLN offers a credible and consistent source of material to source large infrastructure projects over the long term, favouring the circular economy models: the ferronickel slag branded Le Sland.

A wide range of benefits for land reclaiming applications
- Minimal requirements of energy for compaction
- Highly resistant material
- Hardening properties when in contact with sea water
- Demonstrated usage for decades in New Caledonia

Environmentally friendly, on all aspects
- Extremely clean, no organics, no clay, no washing required
- No leachable elements, inert material
- Use a recycled material, stop depleting natural resources!

Extensively available and quickly deliverable
- 1.6 million tons produced per year
- 25 million tons of historical stocks

Tailor-made expertise in logistics
- SLN holds unique expertise in logistics and can support your project with a specialized team
- A dedicated berth is available within the plant for the export
Chemical analysis

<table>
<thead>
<tr>
<th>SiO2</th>
<th>MgO</th>
<th>Fe₂O₃</th>
<th>Al₂O₃</th>
<th>MnO</th>
<th>CaO</th>
</tr>
</thead>
<tbody>
<tr>
<td>53%</td>
<td>33%</td>
<td>11%</td>
<td>2%</td>
<td>&lt;1%</td>
<td>&lt;1%</td>
</tr>
</tbody>
</table>

No crystalline silica
Specific gravity: 2.95
Bulk density: 1.49
Water absorption ratio: 0.68%

Bearing capacity
Proctor compaction test - normal (NF EN 13286-2)
γd OPN = 1.68 t/m³
W OPN = 4.0 %

Proctor compaction test - modified (NF EN 13286-2)
γd OPM = 1.89 t/m³
W OPM = 2.5 %

CBR (California Bearing Ratio - NF EN 13286-47)
39 at 4 days

Grain size distribution

Grain hardness and resistance
Loss Angeless Coefficient: 12
Friability factor (NFP 18-577): 7.39

SLN, a world-class player in its market
- Part of the ERAMET Group, major player in Nickel, Manganese and Superalloys
- Operating since 1880
- SLN is the largest ferronickel producer in the world with 57kt Ni produced in 2017
- ISO 9001 & ISO 14 001 compliant

Contact us

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