

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



KEY DATA

Chemical analysis

SiO ₂	MgO	Fe ₂ O ₃	Al ₂ O ₃	MnO	CaO
53%	33%	11%	2%	<1%	<1%

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)

γ_d OPN = 1.68 t/m³

W OPN = 4.0 %

Proctor compaction test - modified
(NF EN 13286-2)

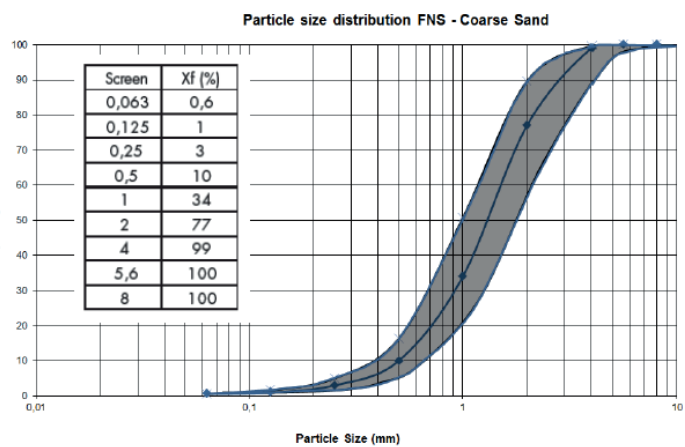
γ_d OPM = 1.89 t/m³

W OPM = 2.5 %

CBR (California Bearing Ratio - NF
EN 13286-47)

39 at 4 days

Grain size distribution



Grain hardness and resistance

Loss Angeles 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

In Australia:

Thibault de Saint-Vaulry

Sales Manager FNS

+61426 171 831

thibault.de-saint-vaulry@erametgroup.com

In New Caledonia:

Frederic Martin

Business Development Manager

+687 793171

f.martin@eramet-sln.nc



*Think Different
Think Circular!*