


DAGSKRÁ FUNDARINS

# STEINEFNI Í STEINSTEYPU

Steinsteypufélag Íslands býður til opins fundar  
Þriðjudaginn 24. nóvember næstkomandi kl. 10.00-11.30



STEINSTEYPUFÉLAG  
ÍSLANDS

**Framleiðsla og notkun steinefna í steypu**  
- Børge Johannes Wigum, jarðverkfræðingur  
*Hornsteinn/HeidelbergCement Northern Europe*

**Prófunaraðferðir og kröfur til steinefna í steinsteypu**  
- Alexandra Björk Guðmundsdóttir, jarðfræðingur  
*BM Vallá*

**Notkun og áhrif mismunandi steinefna í fersksteypu**  
- Andri Jón Sigurbjörnsson, jarðfræðingur  
*Steypustöðin*

**Umræður**

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# Framleiðsla og notkun steinefna í steypu

Børge Johannes Wigum - *jarðverkfræðingur*

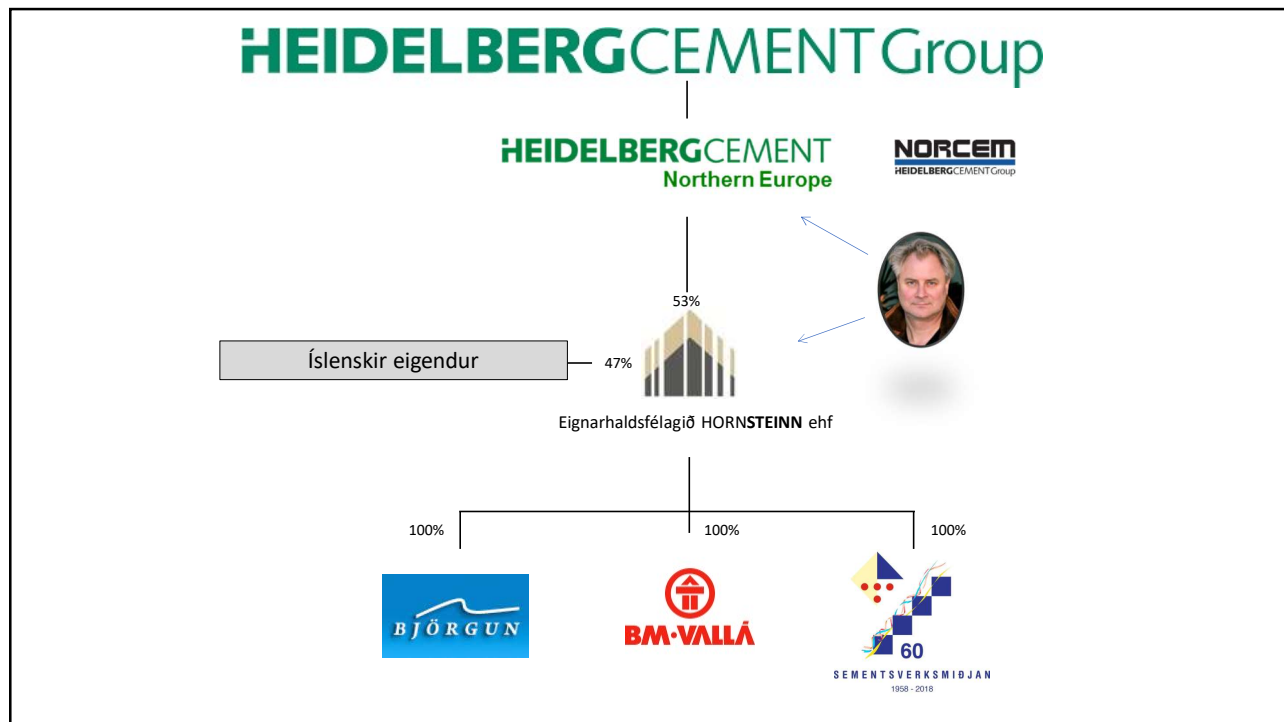




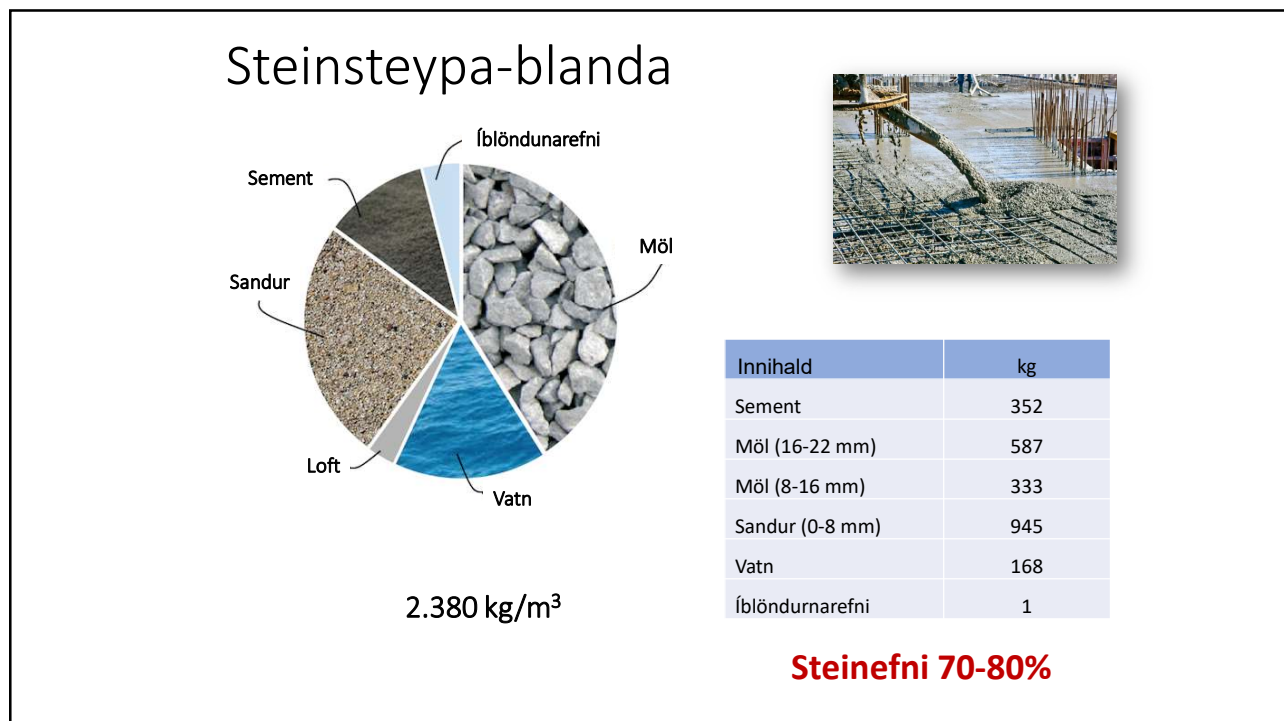


STEINSTEYPUFÉLAG  
ÍSLANDS

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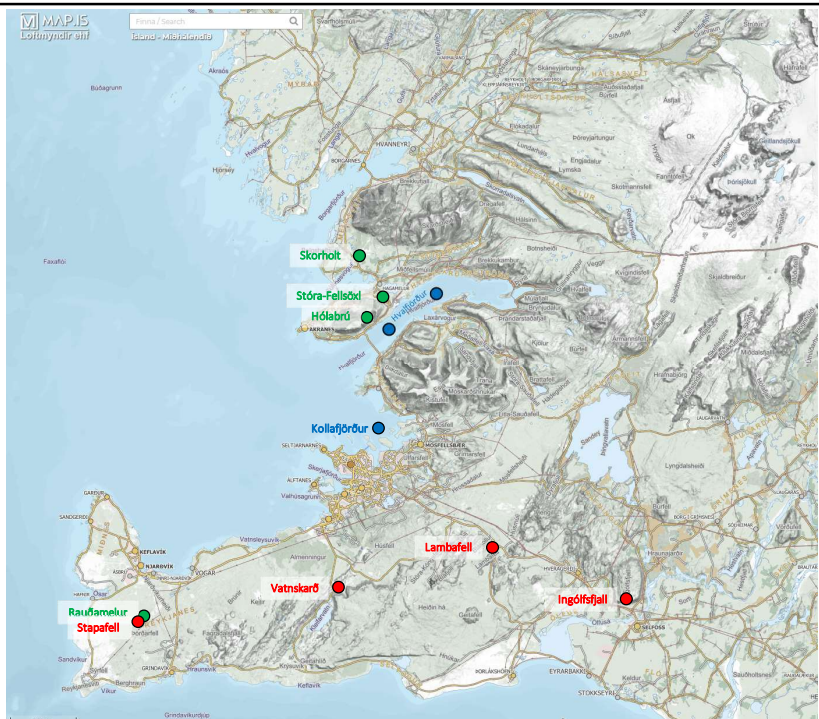
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# Efnisnámur

– nær höfuðborgarsvæðinu

- Setnámur á landi – sandur og mól
- Sjávarefni – sandur og mól
- Bergnámur – brotið berg



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- Skorholt – setnámur



Mynd: BJW

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- Stóra-Fellsöxl – setnámur



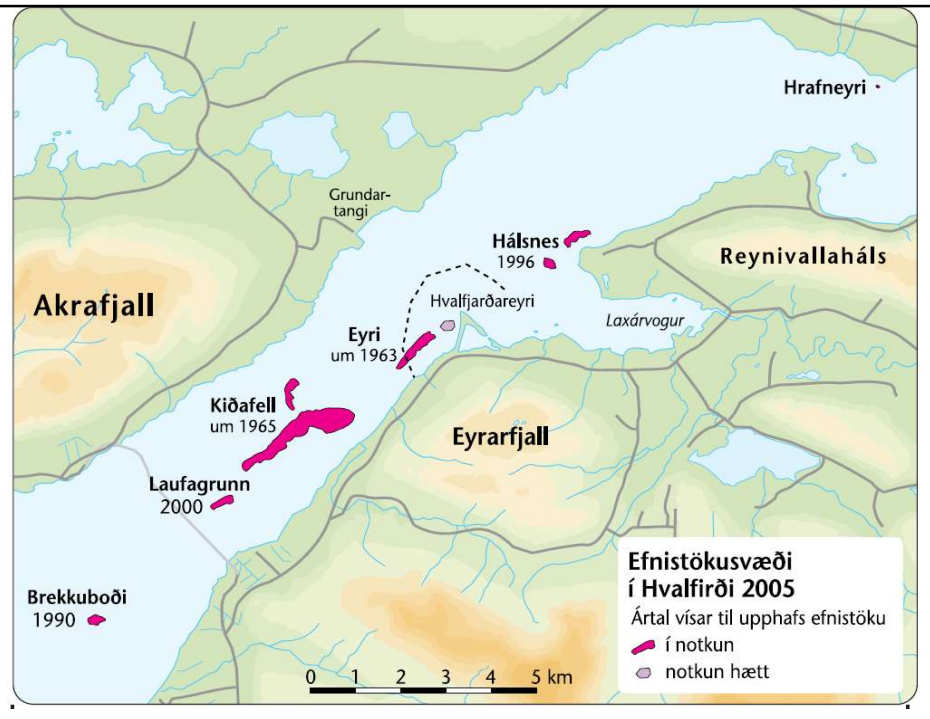
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- Björgun - sjávarefni



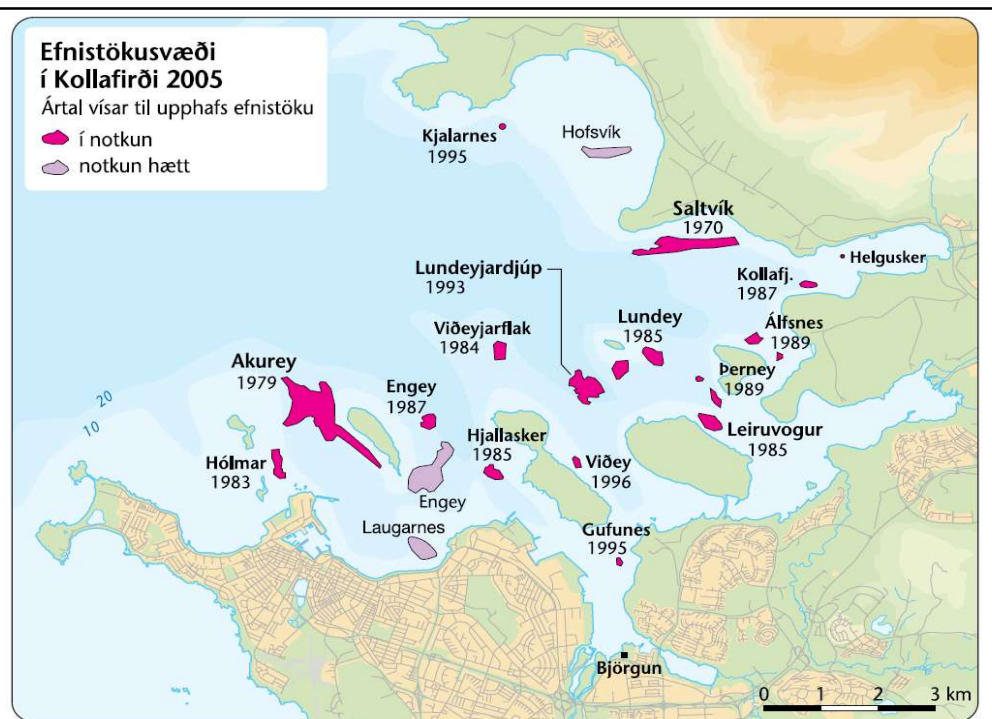
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● Björgun Sjávarrefni



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● Björgun Sjávarrefni



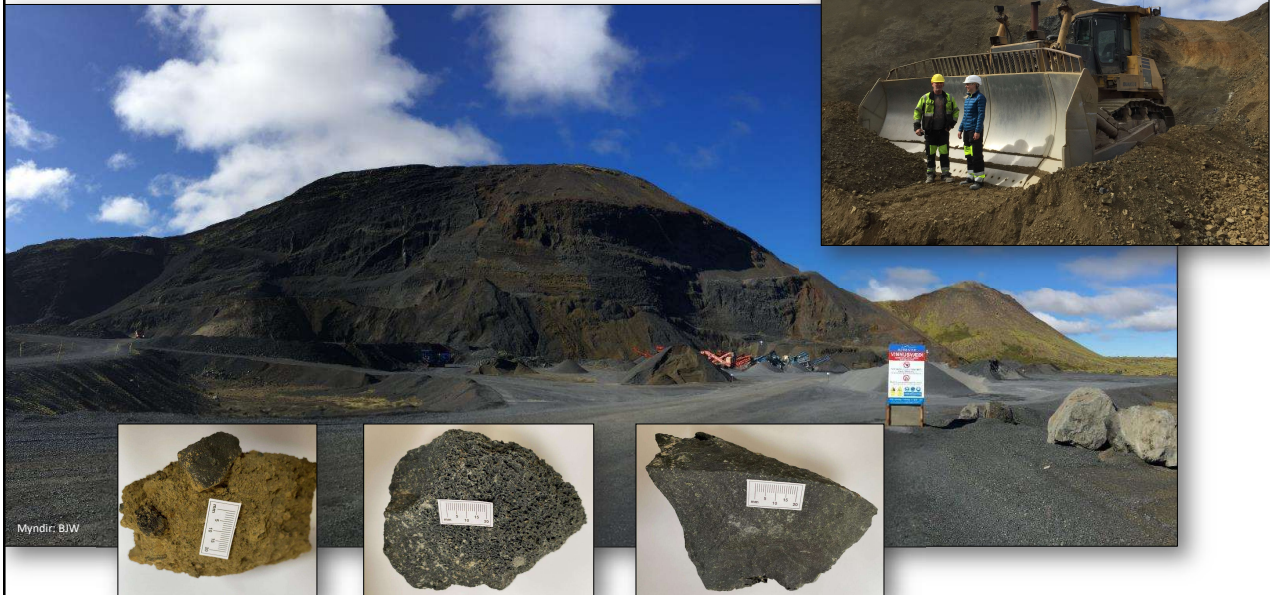
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- Vatnsskarð – bergnámur



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- Lambafell – bergnámur



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- Lambafell – bergnámur



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- Seljadalur – bergnámur



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Jelsa: 12 mill. tonn

Innflutningur?

1 skip = 35.000 tonn  
~ 19.000m<sup>3</sup> steypa

Mynd: Norsk Stein/Mibau

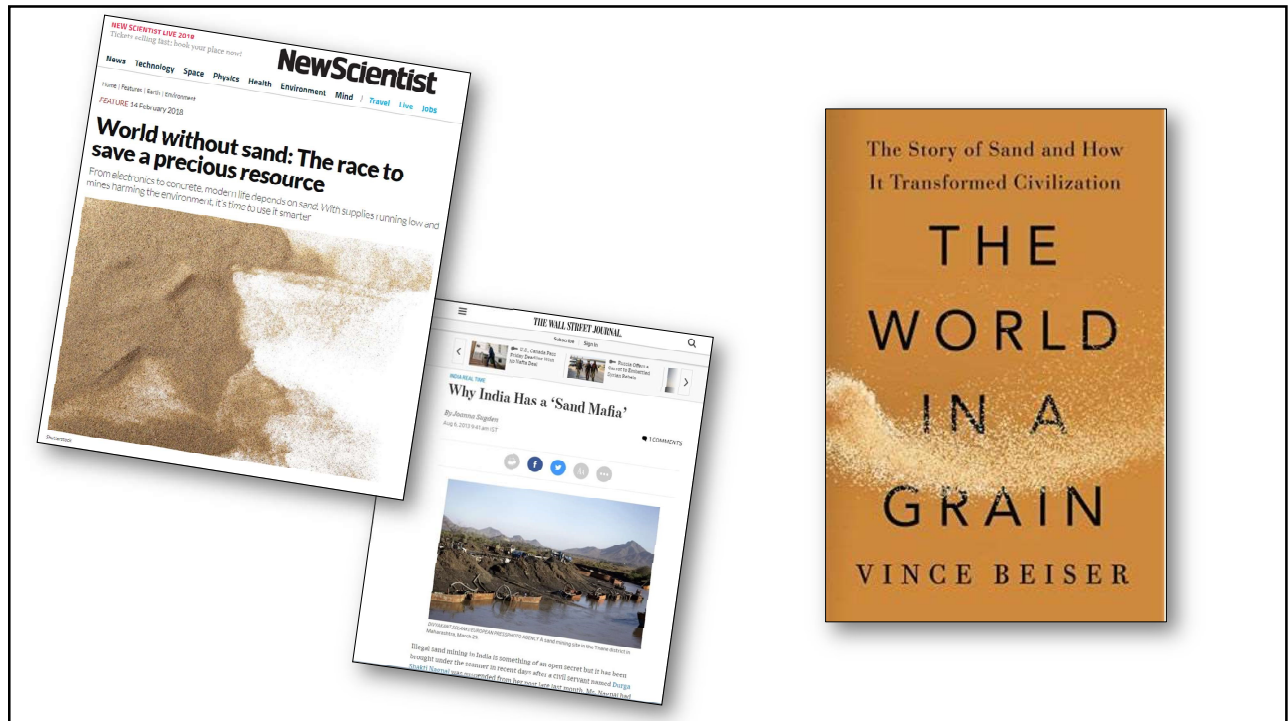
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## Vélunninn sandur



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## Hegðun í ferskri steypu

Náttúrulegur sandur

Lágæða salli

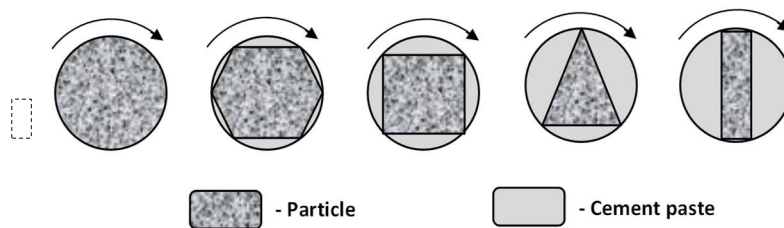
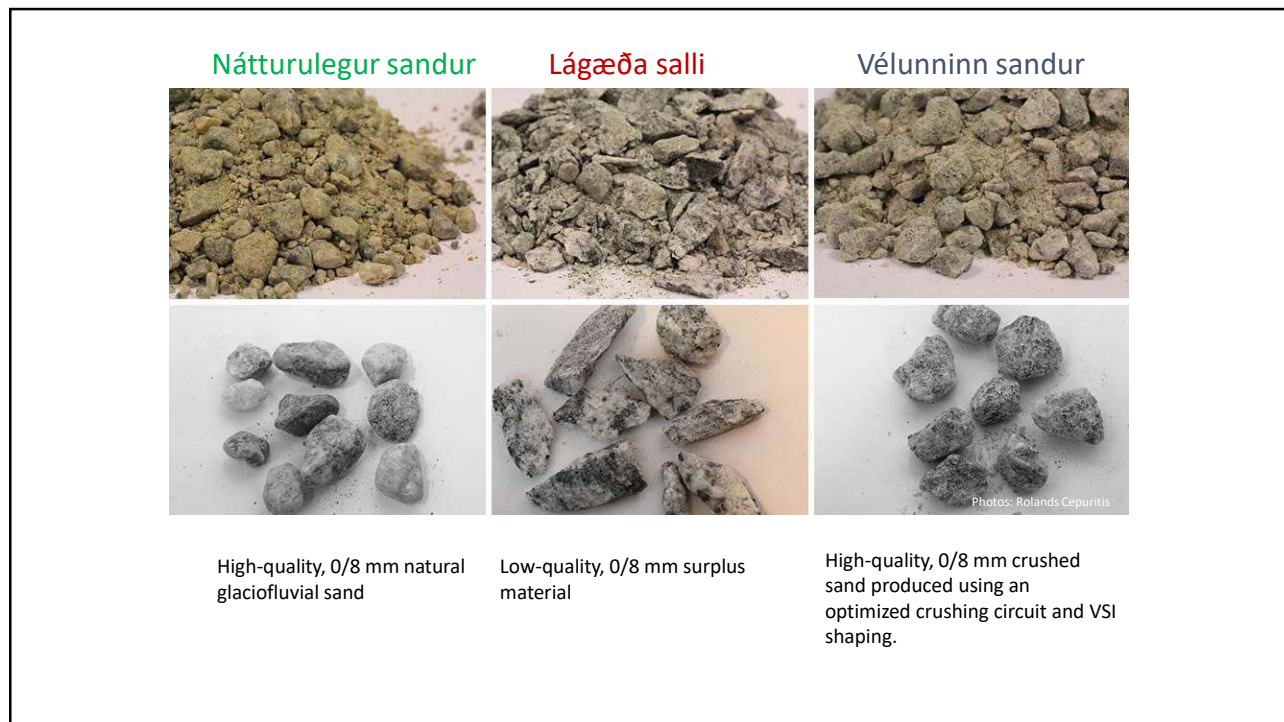


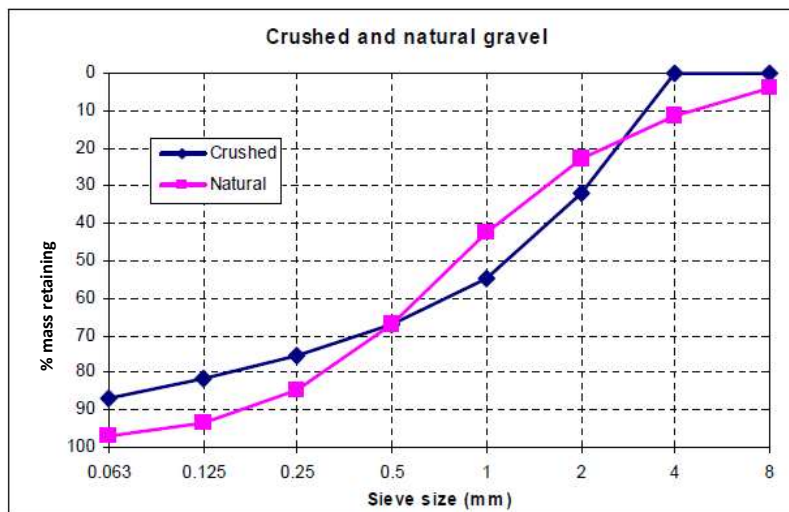
Fig.: Kim et. al. (2008)

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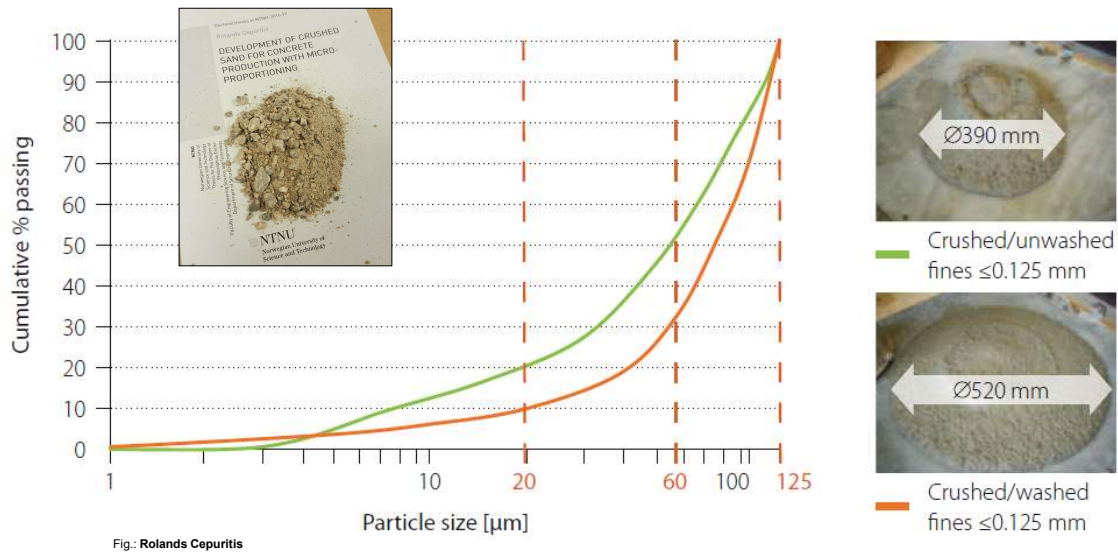
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## Mismunandi kornakúrfur



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## Heildaryfirborð skiptir öllu máli (mikilvægi < 63 $\mu$ m)



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## Heildaryfirborð skiptir öllu máli (mikilvægi < 63 $\mu$ m)



Með finefni frá sprengingu.

Fínefni einungis frá framleiðslu.

Myndir: Lujabetong (Lehander/HeidelbergCement)

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