# BAKHTI Software Ltd

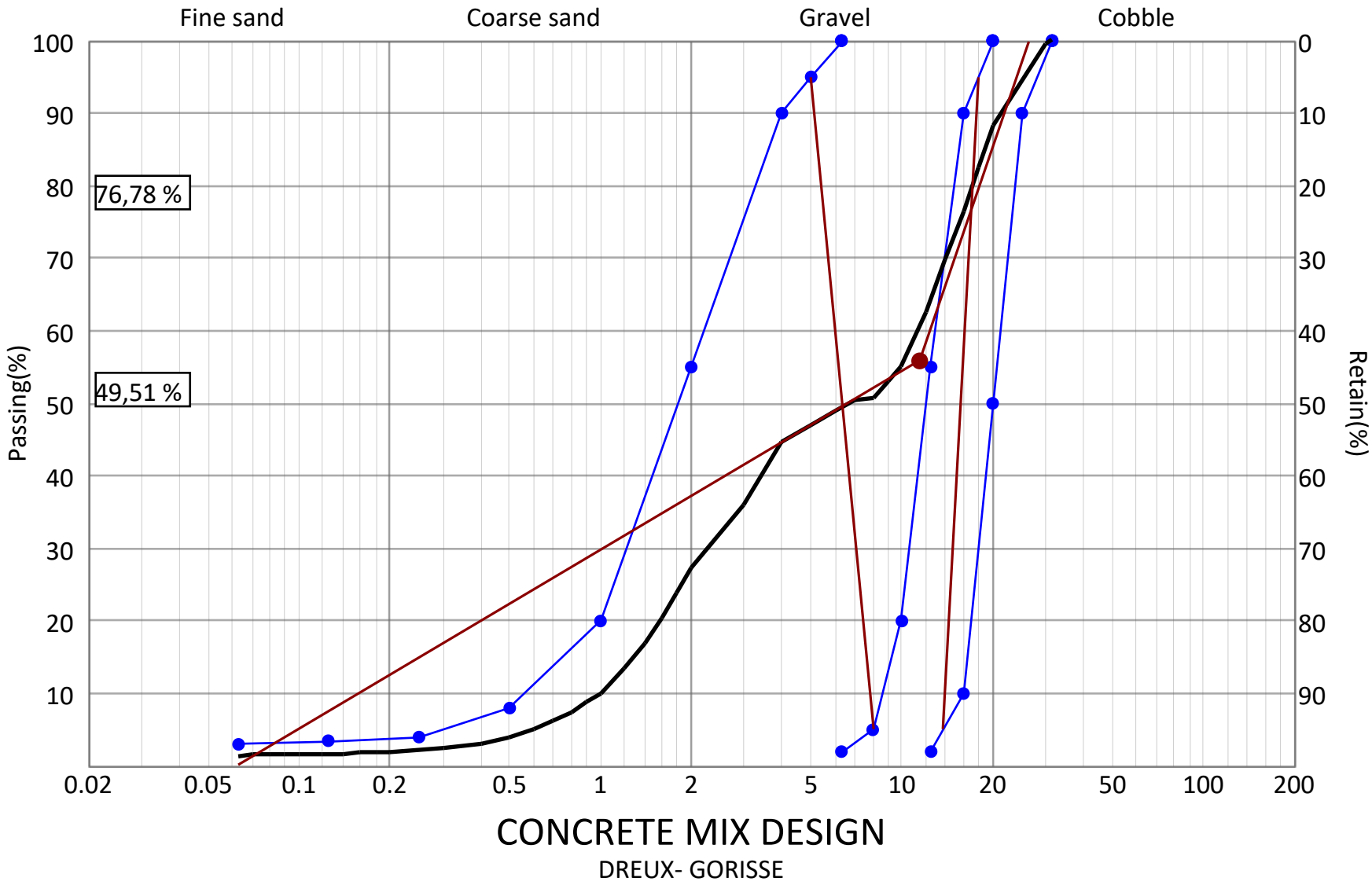
## Civil engineering software development

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Project: RN 18 | Project No.: Ref 004/2022

Client: SARL EGN
Location: Medea
Date: 2020-03-03




CONCRETE MIX DESIGN

DREUX- GORISSE

| Sieve | Passing(%) |
|---|---|
| 6,3 | 100 |
| 5 | 95,00 |
| 4 | 90,00 |
| 2 | 55,00 |
| 1 | 20,00 |
| 0,5 | 8,00 |
| 0,25 | 4,00 |
| 0,125 | 3,50 |
| 0,063 | 3,00 |

Sable

| Sieve | Passing(%) |
|---|---|
| 20 | 100 |
| 16 | 90,00 |
| 12,5 | 55,00 |
| 10 | 20,00 |
| 8 | 5,00 |
| 6,3 | 2,00 |

Gravier 08/15

ρs = 2,6 t/m³

| Sieve | Passing(%) |
|---|---|
| 31,5 | 100 |
| 25 | 90,00 |
| 20 | 50,00 |
| 16 | 10,00 |
| 12,5 | 2,00 |

Gravier 15/25

ρs = 2,6 t/m³
Dmax = 26,18 mm

| Designation | Percentage(%) | Volume(L) | Mass(kg) |
|---|---|---|---|
| Sand | 49,51 | 347,13 | 902,53 |
| Gravel N°1 | 27,27 | 191,20 | 497,12 |
| Gravel N°2 | 23,22 | 162,78 | 423,24 |
| Cement | / | 122,58 | 380,00 |
| Water | / | 213,72 | 213,72 |

K0 = 0,800 ,Ks = 10,170 ,Kp = 0,000
C0 = 0,828 ,C1 = 0-,010 ,C2 = 0,000 ,C3 = 0,006

Software: CiviLab 2027