King Saud university

College of Engineering CE 382 – Geotechnical Engineering

Civil Engineering Department First semester 1432-1433

QUIZ ( 2 )

NAME : …………………………………………………………………….. ID Number : ………………………………………...

Classify the following soil by using AASHTO and Unified Classification system and give group indices :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Plastic limit | Liquid limit | Sieve Analysis , % finer | | | | soil |
| NP | ـــ | NO. 200 | NO.40 | NO.10 | NO .4 |
| 3 | 10 | 63 | 94 | A |
| 24 | 55 | 55 | 83 | 90 | 92 | B |

NOTE : soil A has Cu = 4.52 , Cc = 1.13