

Slurry Transport

Homogeneoux:-

If comptitutive equation is not denous, in that case one how to use Moody chart for denowing f (friction factor), which needs Re calculation.

Sb = bulk density of relatory.

if feed composition is a: b by massy.

Solid: 80 (liquid: 80 lid) $8b = \frac{9}{9} + \frac{5}{9}$

Us = plury superficial velocity

= material of Alumy

A STA

Me = liquid density

(although one should take prof
pluosy, however many firmer we
appossimate it with visosity of

Carrying liquid)

AP) clurry = f(,, co)

(AP) carrying liquid

Shroy superficial of need velocity Re for liquid only.

Ree = Se Us D

| We

Us = always superficial velocity (means if liquid with from with Us, what will be Re)