

007231

## BULK DENSITY DATA FOR PL-90-27 3/4"-8" Pully Screen Pile

① DRY SAMPLE WT. 12,364 g BULK DENSITY  
 WET " " 15,662 g  
 $H_2O$  added for voids 3,298 cc BULK DENS. =  $\frac{12,364}{6776} = 1.82$   
 VOL. OF PAIL: 6,776 cc  
 VOL. OF ORE(DRY): 3,478 cc

$$\text{Density} = \frac{12,364 \text{ gms (DRY)}}{3,478 \text{ cc vol. ore}} = 3.55$$

② DRY SAMPLE WT. 14,184 g  
 WET " " 17,302 g BULK DENSITY =  $\frac{14,184}{6776} = 2.09$   
 $H_2O$  added for voids 3,118 cc  
 VOL. OF PAIL: 6,776 cc MEAN = 1.96 kg/dm<sup>3</sup> OR 7.142  
 VOL. OF ORE(DRY): 3,658 cc

$$\text{DENSITY} = \frac{14,184 \text{ gms (DRY)}}{3,658 \text{ cc vol. ore}} = 3.88$$

AVE DENSITY: 3.72