



ANGLE OF REPOSE OF VARIOUS MATERIALS

Material	Angle Between Horizontal And Slope of Heaped Pile	
	Ratio	Degrees
Coal, industrial.....	1.4:1 – 1.3:1	35-38
Common earth, Dry.....	2.8:1 – 1.0:1	20-45
Moist.....	2.1:1 – 1.0:1	25-45
Wet.....	2.1:1 – 1.7:1	25-30
Gravel, Round to angular.....	1.7:1 – 0.9:1	30-50
Sand & Clay.....	2.8:1 – 1.4:1	20-35
Sand, Dry.....	2.8:1 – 1.7:1	20-30
Moist.....	1.8:1 – 1.0:1	30-45
Wet.....	2.8:1 – 1.0:1	20-45