

# **Slope Stability Analysis Report (approximate linear interpolation)**

## **PEYSANJ (Full) geotechnical engineering software**

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**∴ Soil parameters :**

$\phi$  (deg.) = 33

1.95 = وزن مخصوص خاک  $\text{gr/cm}^3$

3.6 = ارتفاع ترانشه m

Alpha (deg.) = 5

0.07 = ضریب چسبندگی  $\text{kg/cm}^2$

$N_s = 10.03$

**Slope Angle beta (deg.) = 77.6**

Based on limit equilibrium analysis solution; Fang handbook, page 396

