Fórmula de Ivanov – Calculo de Capacidad Portante Equivalente

CBR de Subrasante (%):	**2.15**
CBR del mejoramiento (%):	**15.00**

$$E_{1-2} = \frac{E_2}{1-\frac{2}{\pi}\left(1-\frac{1}{n^{3.5}}\right)\tan^{-1}(n)\left(\frac{h_1}{2a}\right)}$$

$$n = \left(\frac{E_1}{E_2}\right)^{\frac{1}{2.5}}$$

CBR de SBR (%)	Esr (kg/cm2)	Ege (kg/cm^2)	Hge (cm)	Eeq (kg/cm^2)	CBR eq (%)	n	2a
2.15	293.2	1016.5	5.0	340.8	**2.74**	1.64	30.14
2.15	293.2	1016.5	10.0	397.4	**3.48**	1.64	30.14
2.15	293.2	1016.5	15.0	458.1	**4.35**	1.64	30.14
2.15	293.2	1016.5	20.0	519.1	**5.28**	1.64	30.14
2.15	293.2	1016.5	25.0	577.7	**6.25**	1.64	30.14
2.15	293.2	1016.5	30.0	632.8	**7.20**	1.64	30.14
2.15	293.2	1016.5	35.0	683.9	**8.13**	1.64	30.14
2.15	293.2	1016.5	40.0	731.2	**9.03**	1.64	30.14
2.15	293.2	1016.5	45.0	774.7	**9.88**	1.64	30.14
2.15	293.2	1016.5	50.0	814.7	**10.69**	1.64	30.14
2.15	293.2	1016.5	55.0	851.6	**11.45**	1.64	30.14
2.15	293.2	1016.5	60.0	885.6	**12.18**	1.64	30.14

Relación del Espesor de Mejoramiento(Hge) y CBR Equivalente (CBReq)

