Fórmula de Ivanov – Calculo de Capacidad Portante Equivalente

CBR de Subrasante (%):	1.45
CBR del mejoramiento (%):	10.00

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

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

CBR de SBR (%)	Esr (kg/cm2)	Ege (kg/cm^2)	Hge (cm)	Eeq (kg/cm^2)	CBR eq (%)	n	2a
1.45	227.9	784.1	5.0	264.7	**1.84**	1.64	30.14
1.45	227.9	784.1	10.0	308.3	**2.34**	1.64	30.14
1.45	227.9	784.1	15.0	355.2	**2.92**	1.64	30.14
1.45	227.9	784.1	20.0	402.2	**3.55**	1.64	30.14
1.45	227.9	784.1	25.0	447.3	**4.19**	1.64	30.14
1.45	227.9	784.1	30.0	489.8	**4.83**	1.64	30.14
1.45	227.9	784.1	35.0	529.2	**5.45**	1.64	30.14
1.45	227.9	784.1	40.0	565.5	**6.04**	1.64	30.14
1.45	227.9	784.1	45.0	599.0	**6.61**	1.64	30.14
1.45	227.9	784.1	50.0	629.8	**7.15**	1.64	30.14
1.45	227.9	784.1	55.0	658.1	**7.66**	1.64	30.14
1.45	227.9	784.1	60.0	684.3	**8.14**	1.64	30.14

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

