Fórmula de Ivanov – Calculo de Capacidad Portante Equivalente

CBR de Subrasante (%):	0.66
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
0.66	137.7	784.1	5.0	169.3	**0.92**	2.01	30.14
0.66	137.7	784.1	10.0	208.9	**1.28**	2.01	30.14
0.66	137.7	784.1	15.0	252.9	**1.72**	2.01	30.14
0.66	137.7	784.1	20.0	298.1	**2.22**	2.01	30.14
0.66	137.7	784.1	25.0	342.5	**2.76**	2.01	30.14
0.66	137.7	784.1	30.0	385.3	**3.32**	2.01	30.14
0.66	137.7	784.1	35.0	426.1	**3.88**	2.01	30.14
0.66	137.7	784.1	40.0	464.6	**4.44**	2.01	30.14
0.66	137.7	784.1	45.0	501.0	**5.00**	2.01	30.14
0.66	137.7	784.1	50.0	535.4	**5.55**	2.01	30.14
0.66	137.7	784.1	55.0	567.8	**6.08**	2.01	30.14
0.66	137.7	784.1	60.0	598.3	**6.60**	2.01	30.14

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

