

RELACIONES APROXIMADAS ENTRE LA CALIDAD DEL MACIZO ROCOSO Y LAS CONSTANTES EMPIRICAS

Calidad del macizo Rocoso.	Rocas carbonatadas Caliza Dolomita Marmol	Rocas Sedimentarias y Meta morficas de origen arcilloso y grano fino: Lodolita, lutita Pizarra y esquisto.	Rocas Sedimentarias de grano grueso: Arenisca Cuarcita	Rocas Igneas Cristalinas de grano fino: Andesita, Dolerita, Diabasa, Riolita y Mineral.	Rocas Cristalinas Igneas y Metamorficas de grano grueso: Anfibolita Gabro Granito, Norita y Skarn.
Roca Intacta Ensayos en laboratorio Libre de Juntas. RMR : 100 Q : 500	m = 7.0 s = 1.0 A = 0.816 B = 0.658 T = - 0.140	m = 10.0 s = 1.0 A = 0.918 B = 0.677 T = - 0.099	m = 15.0 s = 1.0 A = 1.044 B = 0.692 T = - 0.067	m = 17.0 s = 1.0 A = 1.086 B = 0.696 T = - 0.059	m = 25.0 s = 1.0 A = 1.220 B = 0.705 T = - 0.040
Muy Buena calidad Roca sin disturbar ligada en el tiempo. RMR : 85 Q : 100	m = 3.5 s = 0.1 A = 0.651 B = 0.679 T = - 0.028	m = 5.0 s = 0.1 A = 0.739 B = 0.692 T = - 0.020	m = 7.5 s = 0.1 A = 0.848 B = 0.702 T = - 0.013	m = 8.5 s = 0.1 A = 0.883 B = 0.705 T = - 0.012	m = 12.5 s = 0.1 A = 0.998 B = 0.712 T = - 0.008
Buena Calidad Roca por el tiempo ligera- mente disturbada. RMR : 65 Q : 10	m = 0.7 s = 0.004 A = 0.369 B = 0.669 T = - 0.006	m = 1.0 s = 0.004 A = 0.427 B = 0.683 T = - 0.004	m = 1.5 s = 0.004 A = 0.501 B = 0.695 T = - 0.003	m = 1.7 s = 0.004 A = 0.525 B = 0.698 T = - 0.002	m = 2.5 s = 0.004 A = 0.603 B = 0.707 T = - 0.002
Regular Calidad Diversos grupos de juntas espaciados moderados. RMR : 44 Q : 1.0	m = 0.14 s = 0.0001 A = 0.198 B = 0.662 T = - 0.0007	m = 0.20 s = 0.0001 A = 0.234 B = 0.675 T = - 0.0005	m = 0.30 s = 0.0001 A = 0.280 B = 0.688 T = - 0.0003	m = 0.34 s = 0.0001 A = 0.295 B = 0.691 T = - 0.0003	m = 0.50 s = 0.0001 A = 0.346 B = 0.700 T = - 0.0002
Pobre calidad Imtemperizada, diaclasa- miento fuerte. RMR : 23 Q : 0.1	m = 0.04 s = 0.00001 A = 0.115 B = 0.646 T = - 0.0002	m = 0.05 s = 0.00001 A = 0.129 B = 0.655 T = - 0.0002	m = 0.08 s = 0.00001 A = 0.162 B = 0.672 T = - 0.0001	m = 0.09 s = 0.00001 A = 0.172 B = 0.676 T = - 0.0001	m = 0.13 s = 0.00001 A = 0.203 B = 0.686 T = - 0.0001
Muy pobre calidad Muy imtemperizada, dia- clasamiento muy fuerte. RMR : 3 Q : 0.01	m = 0.007 s = 0 A = 0.042 B = 0.534 T = 0	m = 0.010 s = 0 A = 0.050 B = 0.539 T = 0	m = 0.015 s = 0 A = 0.061 B = 0.546 T = 0	m = 0.017 s = 0 A = 0.065 B = 0.548 T = 0	m = 0.025 s = 0 A = 0.078 B = 0.556 T = 0

