Table 1

LIST OF DESCRIPTIVE CHARACTERISTICS OF ROCKS AND ROCK MASSES KNOWN TO INFLUENCE DEFORMATIONAL BEHAVIOR AND THE PERTINENT CONTRIBUTIONS TO THEME 2, 1ST. INTERNATIONAL CONGRESS ON ROCK MECHANICS

Scale	Characteristic	Pertinent Contribution This Congress (by Author - alphabetically)
Single Crystal	composition	Albissin
	structure - intracrystalline gliding systems	Habib and Bernaix
	orientation	Pincus
Coherent Rock	lithology	Dreyer, Mendes et al., Paulmann, Ruiz
	preferred crystal orientation	Albissin, Mauriño and Limousin, Pincus, Siemes
	grain size	Boretti-Onyszkiewicz, Dreyer
	mineral alteration	Denissov et al., Hagerman, Hansági, Iliev, Jumikis, Mendes et al., Ruiz
	porosity	Iliev, Kowalski, Ruiz
	degree of saturation	Hansági, Jumikis, Kowalski, Ruiz
	microfractures	Habib and Bernaix, Hagerman, Hansági, Pincus
	primary anisotropy	Jumikis, Kowalski, Pincus
	secondary anisotropy	Boretti-Onyszkiewicz, Mauriño and Limousin, Paulmann
Rock Mass	mechanical discontinuities - (faults, macrofractures [joints], bedding, foliation and schistosity) their orientation and development	Berger, Boretti-Onyszkiewicz, Denissov et al., Habib and Bernaix, Hagerman, Hansági, Jumikis, Mauriño and Limousin, Norris, Paulmann, Pincus, Silveira et al., Sutic and Bozinović
	permeability and water saturation	Jumikis
	shear and tensile strength	Boretti-Onyszkiewicz, Hagerman, Silveira et al.
	size, topography, tectonics	Boretti-Onyszkiewicz, Hansági, Norris, Sutic and Bozinović

Wöhlbier et al. - a statement calling attention to the multidisciplinary approach incorporated in rock mechanics.