TABLE OF CONTENTS

Page

TABLE OF CONTENTS (Continued)

Page

TABLE OF CONTENTS (Continued)

Page

TABLE OF CONTENTS (Continued)

Page

LIST OF TABLES

Table **Page**

LIST OF FIGURES

Figure **Page**

LIST OF FIGURES (Continued)

Figure **Page**

LIST OF FIGURES (Continued)

Figure **Page**

LIST OF FIGURES (Continued)

Figure **Page**

SYMBOLS AND ABBREVIATIONS

CAI	=	CERCHAR abrasivity index
σ_c	=	Uniaxial compressive strength
σ_t	=	Brazilian tensile strength
α	=	Empirical Constants of Joint aperture
β	=	Empirical Constants of Joint aperture
χ	=	Empirical Constants of Joint number
γ	=	Empirical Constants of Joint number
ω	=	Empirical Constants of Joint number and Joint aperture
τ	=	Empirical Constants of Joint number and Joint aperture
ϕ	=	Friction angle
I_S	=	Point load strength
EQC	=	Equivalent quartz content
CSE	=	CERCHAR specific energy
DSS	=	Direct Shear Strength
HRC	=	Pin Hardness
CV	=	Cofficient of Variation
W	=	Work done
V	=	Material removed volume or mean groove volume
d	=	Diameter of wear flat area of stylus tip
d_{sc}	=	Wear flat of stylus tip for saw cut surface specimen
N	=	Normal load
F	=	Horizontal force or ploughing force
d_n	=	Vertical displacement
d_s	=	Scratching distance
d	=	Wear flat width of stylus tip.

SYMBOLS AND ABBREVIATIONS (Continued)

T	=	Torque
c	=	Cohesion
e	=	Aperture
J_n	=	Joint Number
V_V	=	Pore volume of specimen
V_{total}	=	Specimen volume
H_M	=	Mohs hardness