



SUMMARY OF ALGORITHM INTO INPUT AND OUTPUT

Inputs	Model	Output
1. Density 2. Virgin stress 3. UCS 4. Geotechnical domain	Model-UCS/Virgin stress ratio	UCS/Virgin stress ratio
Jw Description	Model-Jw	Jw
Jn-Description	Model-Jn	Jn
Jr Description	Model-Jr	Jr
Ja Description	Model-Ja	Ja
1. Depth from(m) 2. Depth to(m) 3. Run Length(m)	Model RQD	RQD %
UCS/Virgin stress ratio	Model SRF	SRF
1. Jn 2. Jw 3. Ja 4. Jr 5. SRF	Model-Q	Q-value
ESR Conditions	Model-ESR	ESR
Q	Model-RMR	RMR
1. Q-value 2. ESR value	Model-Unsupported Span	