

**Annex 1. Input data for the mounding simulations**

Parameter	Value	Unit
Clearcut length	300	m
Resolution	90	pixels·m <sup>-1</sup>
Surface boulder area quota	0-4	%
Subsurface stone area quota	35-51	%
Stump area quota including ZRT	4-10	%
Surface boulder mean diameter (Normal distr.)	0.49 (0.12)	m
Surface boulder maximum diameter	1.4	m
Surface boulder minimum diameter	0.2	m
Stump Rayleigh parameter	0.205	m
Stump proximity limit (centre to centre)	1	m
Stump maximum diameter excluding ZRT	0.9	m
Stump minimum diameter excluding ZRT	0.1	m
ZRT radius measure	0.16	m
Stone diameter $\lambda$ value (Exp. distr.)	0.05	m
Stone minimum diameter	0.056	m
Stone maximum diameter	1.4	m
Slash piles per 100 m strip road (Uniform distr.)	8.5 ( $\pm$ 4.5)	No.
Strip road mean distance (Uniform distr.)	13.45 ( $\pm$ 0.95)	m
Slash pile width	1.425	m
Slash pile mean height (Normal distr.)	2.85 (1.4)	m
Slash pile height maximum	4	m
Slash pile height minimum	1.425	m
Machine arms	4	No.
Machine arm distance	2	m
Microsite width	0.3	m
Microsite height	0.4	m
Microsite distance	2	m
Longitudinal search length total	2	m
Transversal search length total	2	m