

# The Ripe Fruit

The union of spoil tip and landscape park in Winterslag

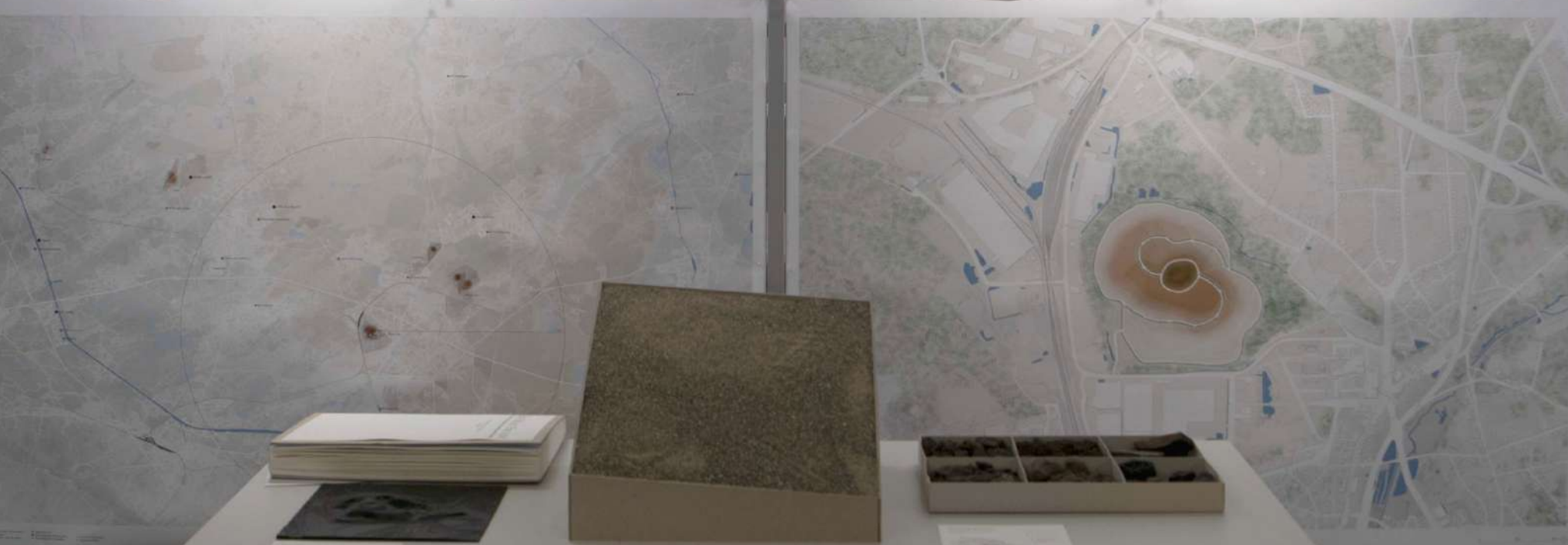
*Diana Strässle*





# DIE REIFE FRUCHT

Verwirklichung von Bergbau und Landschaftspark in Winterberg





## History of the Coal in the Kempen Area

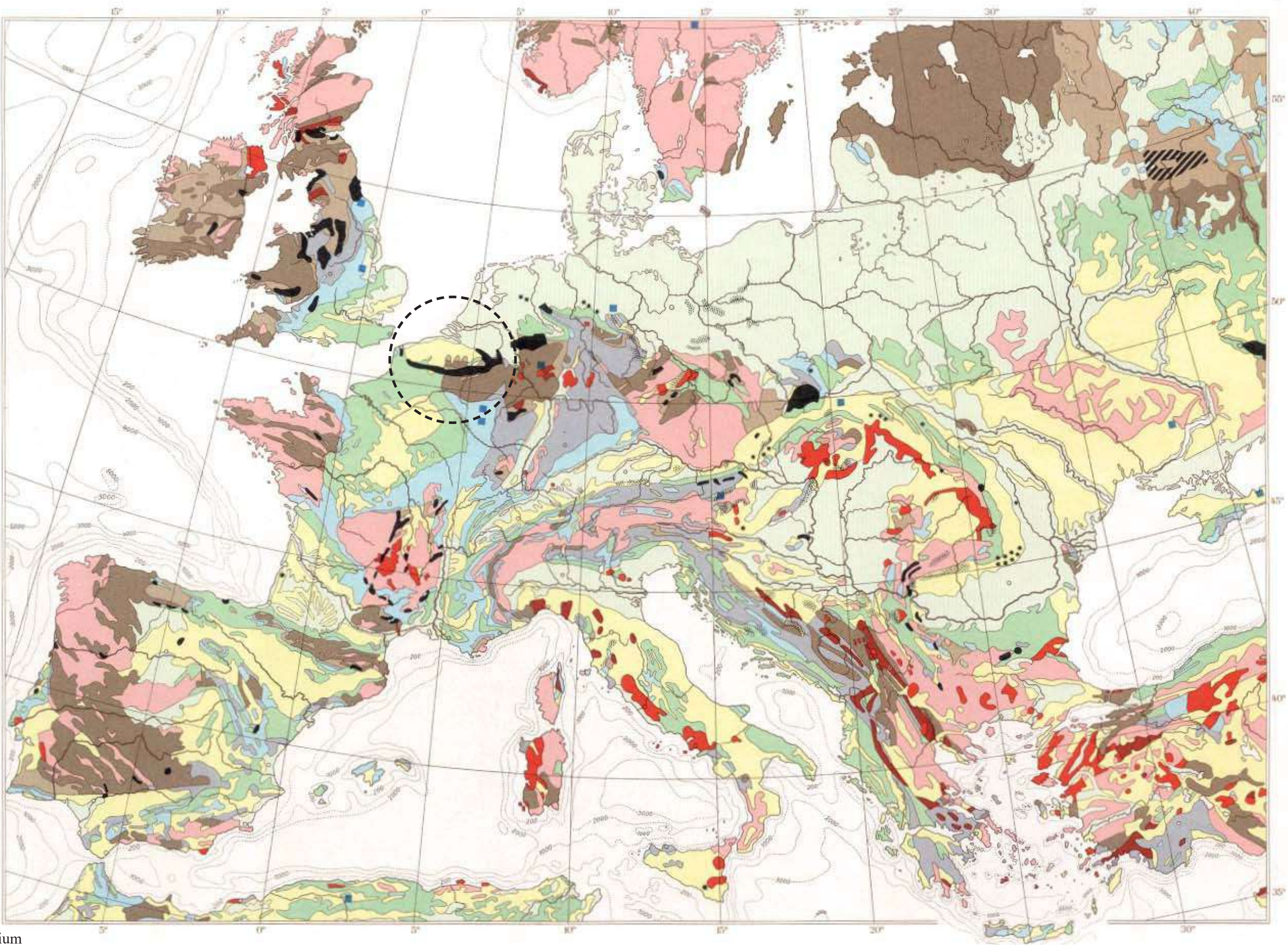


1891 - Joseph Coosemans, Moeras te Genk

Source: City archives Genk



History of the Coal in the Kempen Area

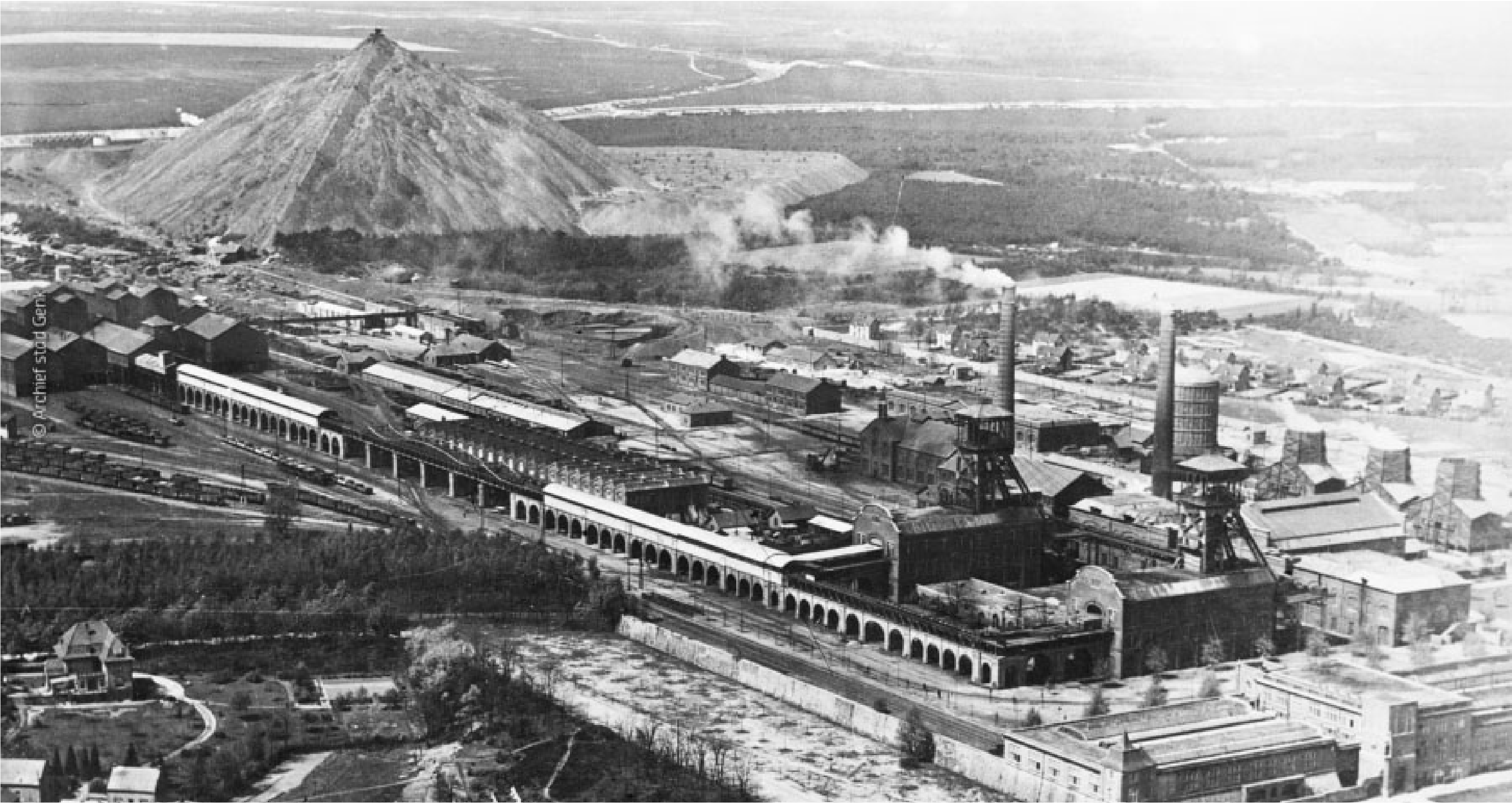


1901 - Geology of Europe and its Carbon Resource

Source: Geologie, Ed. Imhof, XV. Auflage, 1969.



History of the Coal in the Kempen Area



1950 - The Black Gold in Winterslag

Source: City archives Genk



History of the Coal in the Kempen Area





## History of the Coal in the Kempen Area



View from one *Terril* to the Others



History of the Coal in the Kempen Area



Beringen  
1922-1989

Zolder  
1930-1992

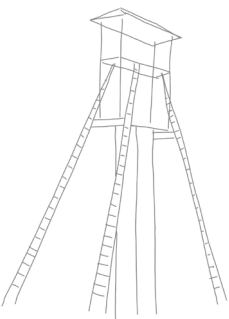
Houthalen  
1938-1964

Winterslag  
1917-1988

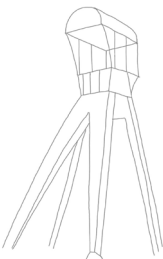
Zwartberg  
1925-1966

Waterschei  
1924-1987

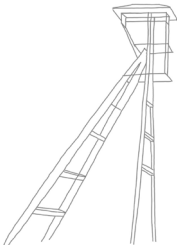
Eisden  
1923-1987



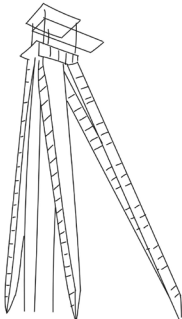
853 m deep



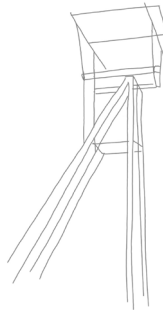
830 m deep



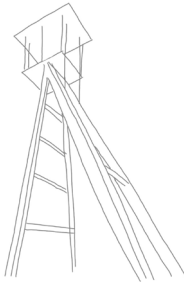
1046 m deep



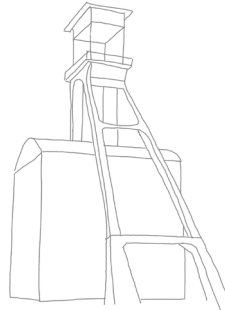
886 m deep



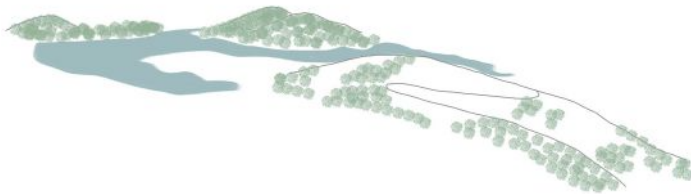
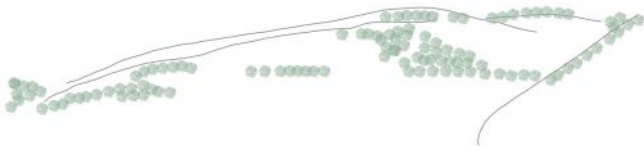
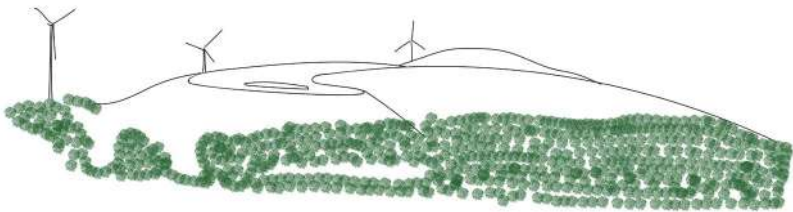
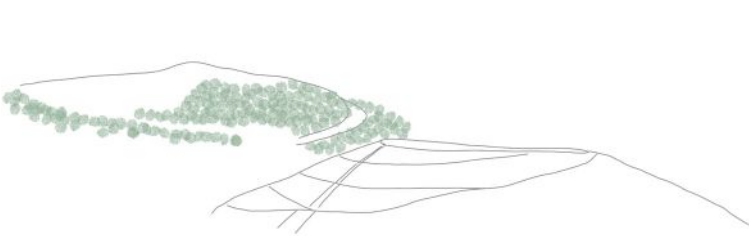
1045 m deep



1208 m deep



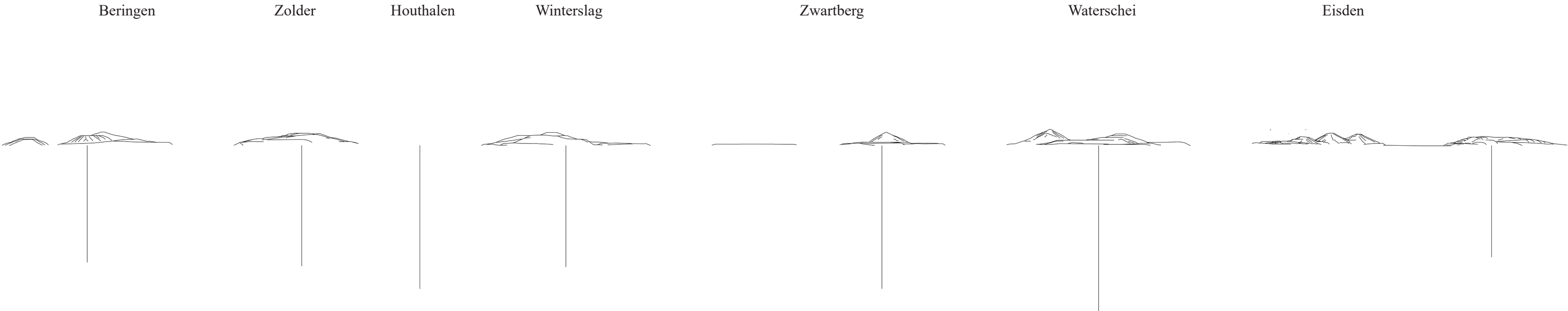
815 m deep



The Seven Coal Mines of Limburg



The Fungi System and its Fruit

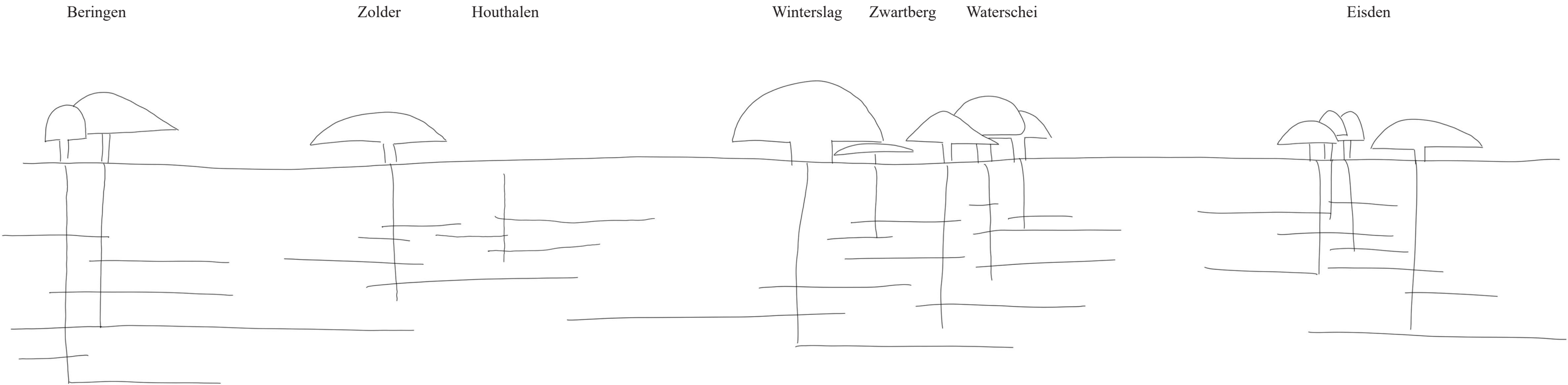


Elevation of all *Terrils* and its Shaft Depth

0 0.5 1 km



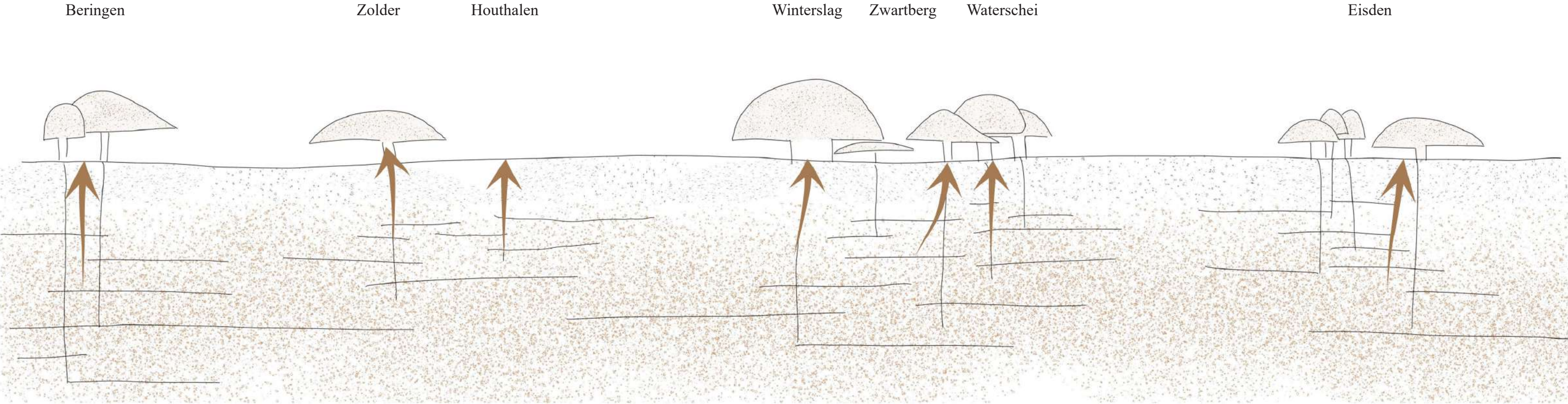
# The Fungi System and its Fruit



The Analogy of a Fungi Network



The Fungi System and its Fruit



The Potential of the Mushroom



The Fungi System and its Fruit



Cheops-pyramid - 2.6 M m³



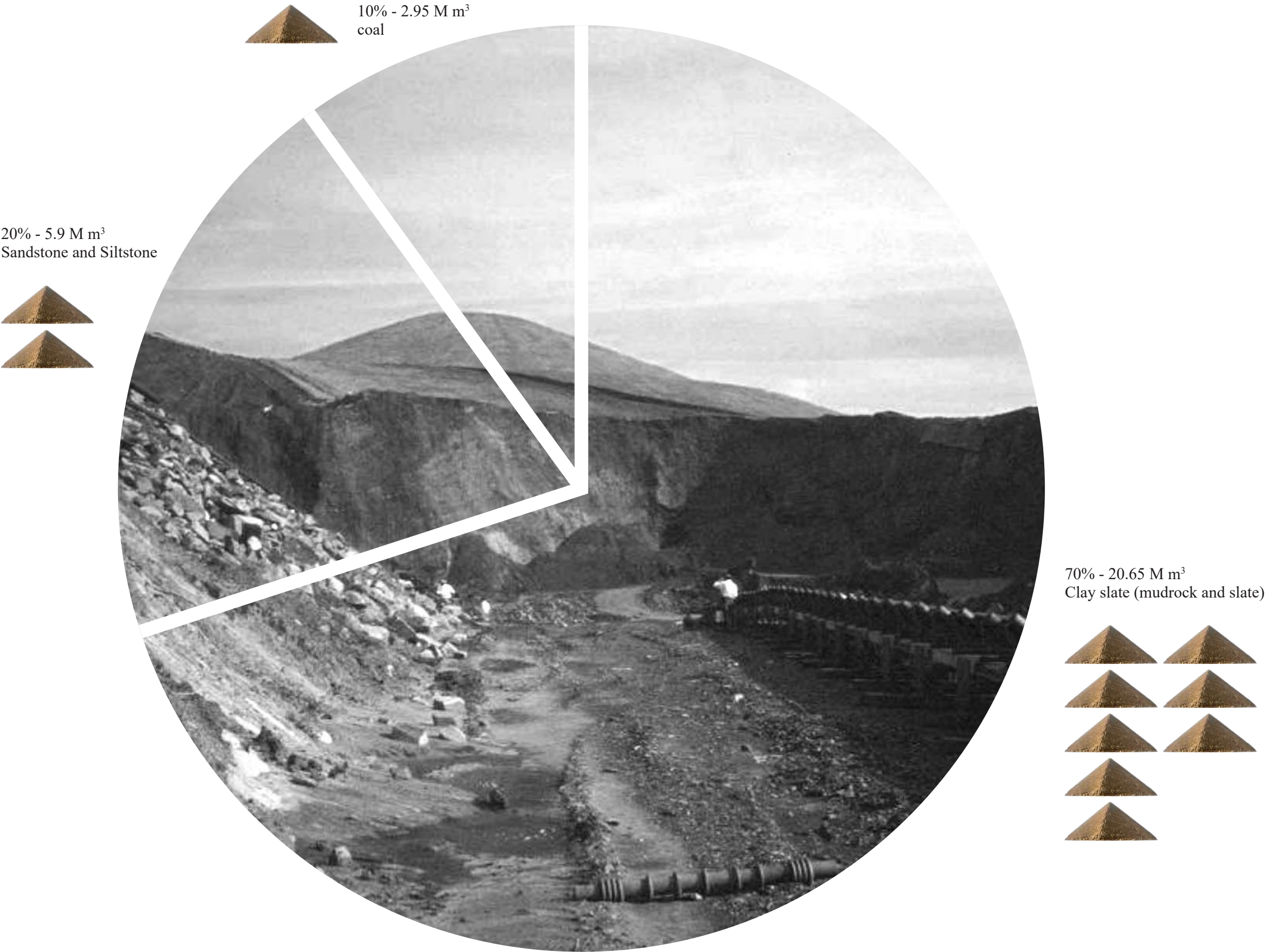
The Potentials of the Ripe Fruit



Border of the City of Genk



The Potentials of the Ripe Fruit



The Materiality of the *Terril*



The Potentials of the Ripe Fruit



The endless Practice of Construction Waste



The Potentials of the Ripe Fruit

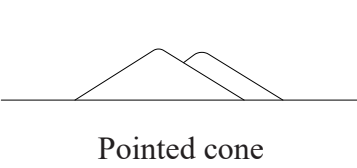


- Betonfabriken
- Recyclingparks Bauindustrie
- Recyclingparks Haushalte
- ▦ Deponien (ehemalig)
- ▦ Deponien (aktiv)

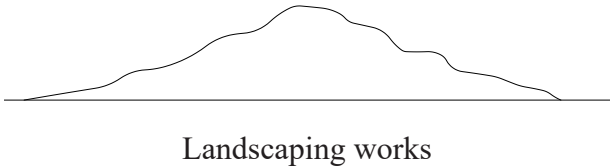
Landfills and Gravel Extraction around Genk



The Potentials of the Ripe Fruit



Pointed cone



Landscaping works



1970



1971



1990



2003



2007



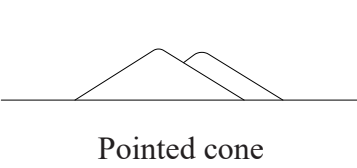
2012



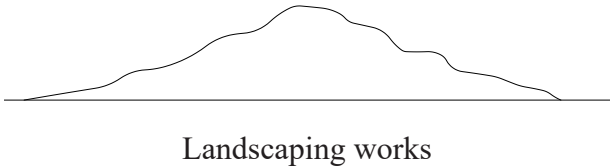
Transformation as a Chance - 1971



The Potentials of the Ripe Fruit



Pointed cone



Landscaping works



1970



1971



1990



2003



2007



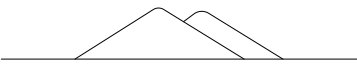
2012



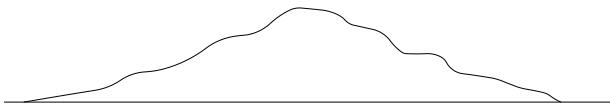
Transformation as a Chance - 1990



The Potentials of the Ripe Fruit



Pointed cone



Landscaping works



1970



1971



1990



2003



2007



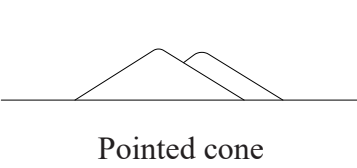
2012



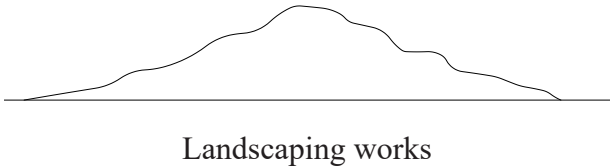
Transformation as a Chance - 2003



The Potentials of the Ripe Fruit



Pointed cone



Landscaping works



1970



1971



1990



2003



2007



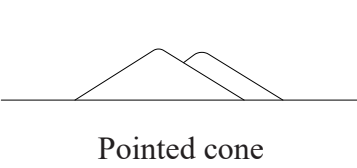
2012



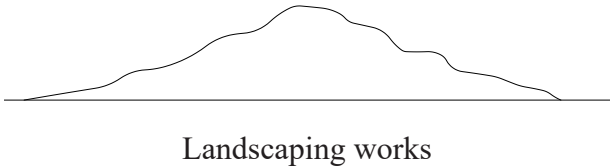
Transformation as a Chance - 2007



The Potentials of the Ripe Fruit



Pointed cone



Landscaping works



1970



1971



1990



2003



2007



2012



Transformation as a Chance - 2012



The Potentials of the Ripe Fruit



Dianthus armeria



Anthemis arvensis



Anthyllis vulneraria



Arabis glabra



Pyrola minor



Carlina vulgaris



Erigeron acer



Filago minima



Hieracium lachenalii



Platanthera chlorantha



Dactylorhiza fuchsii



Dipsacus laxiniatus



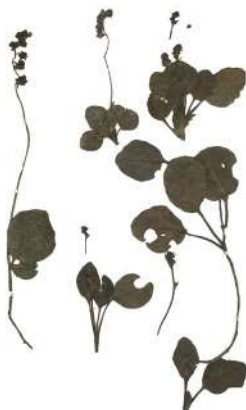
Elymus athericus



Nardus stricta



Pimpinella saxifraga



Pyrola rotundifolia



Spartium junceum

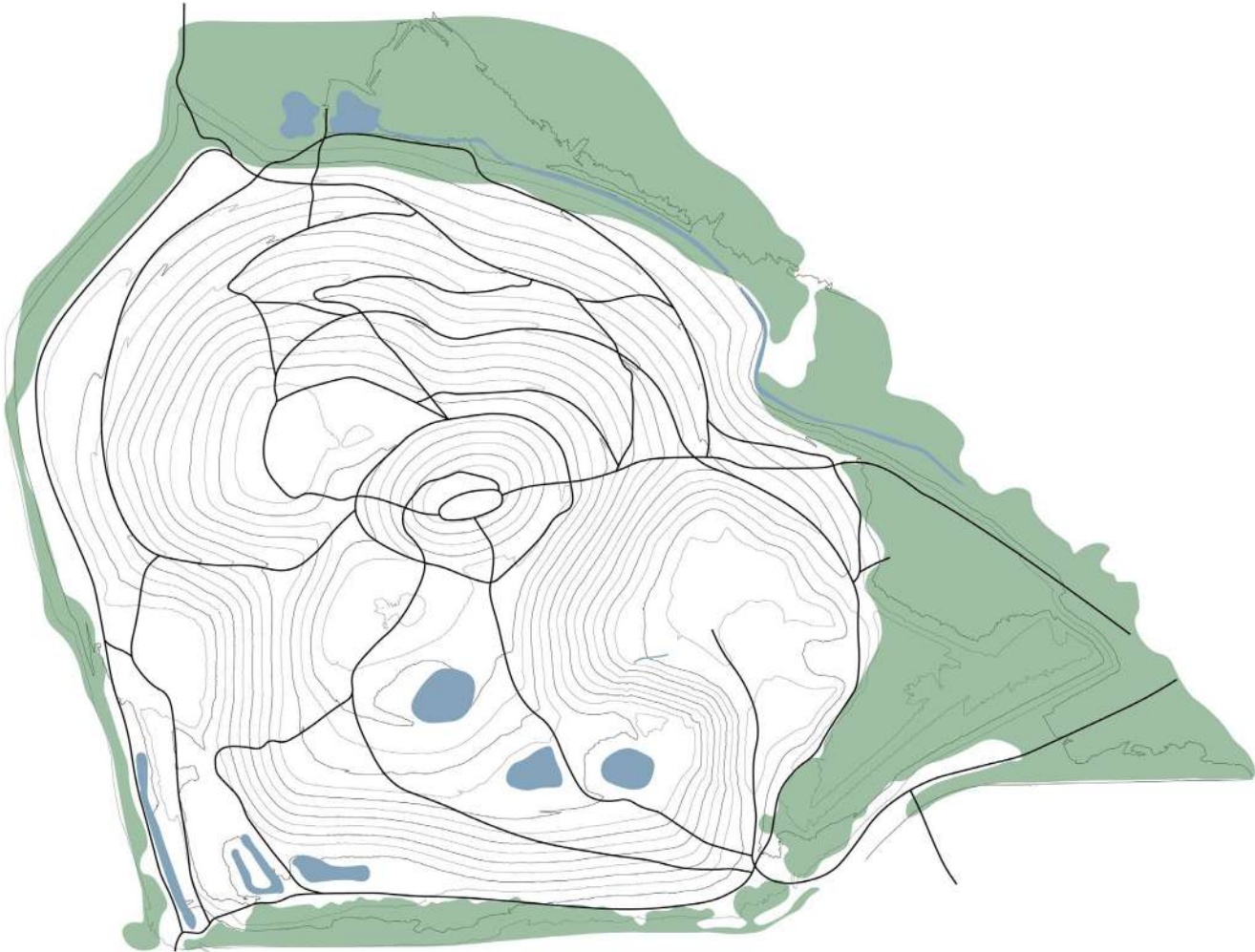


Viburnum opulus

A Species-rich Space of Pioneer Plants



The Potentials of the Ripe Fruit



A Heritage is used as a Park





Union of Spoil Tip and Park



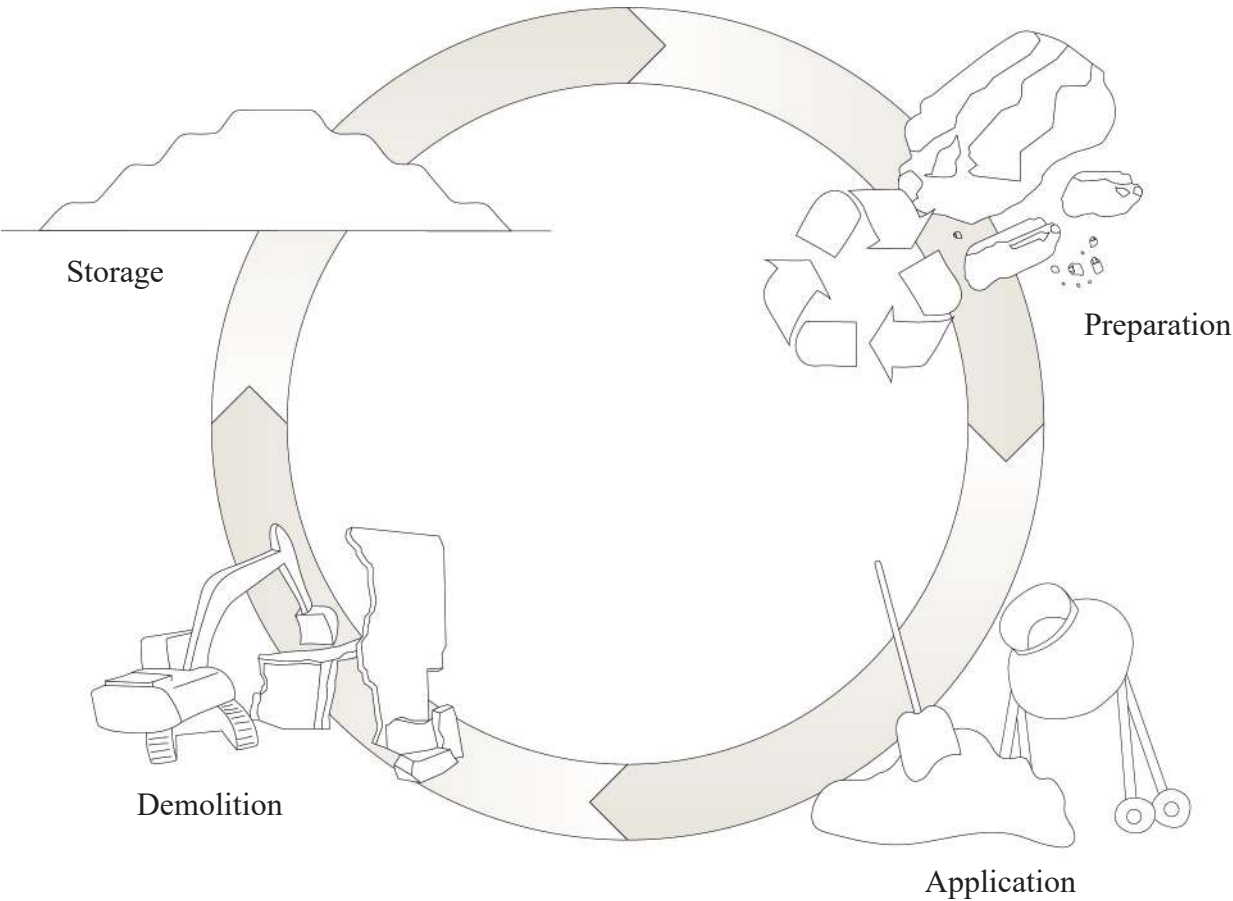
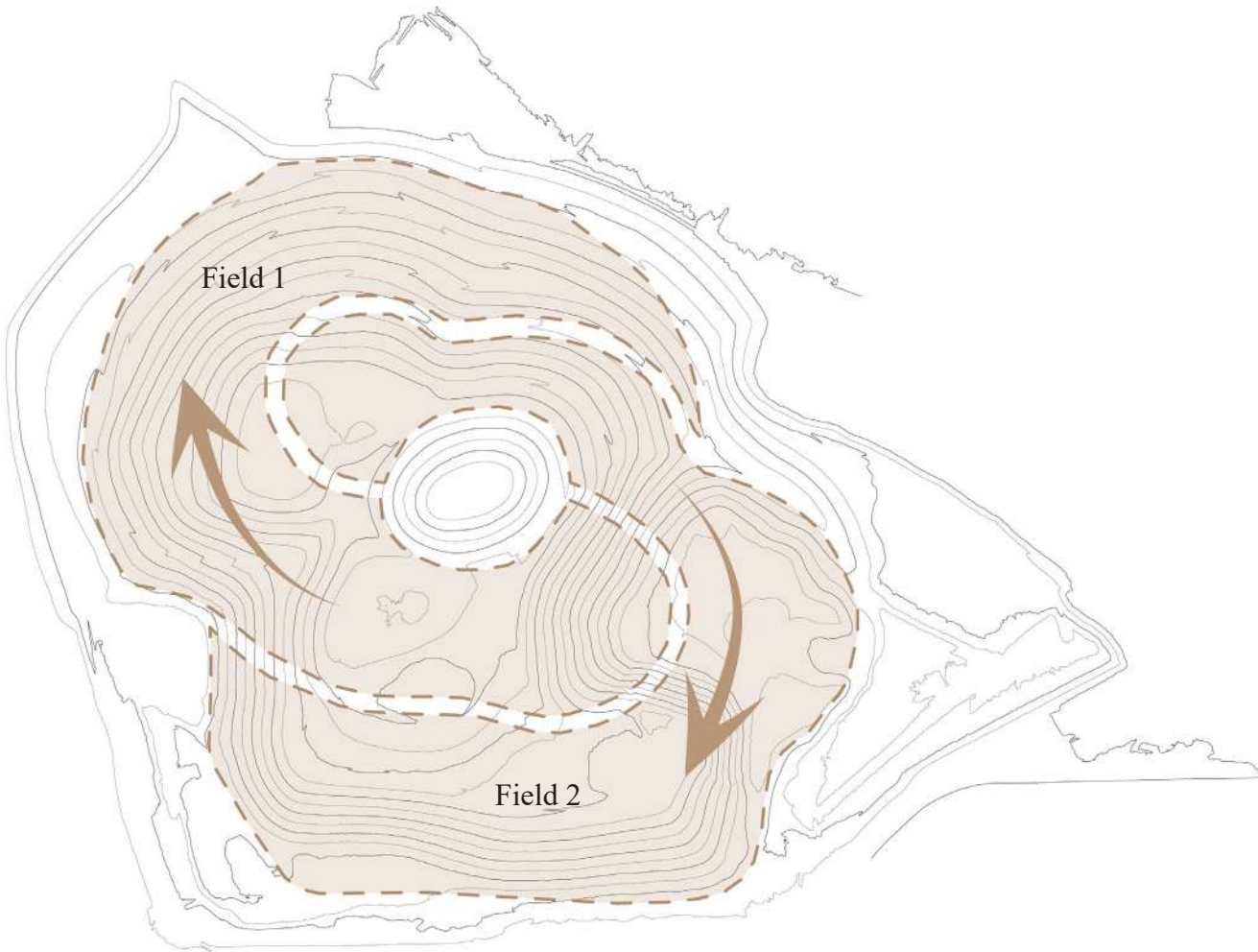
Time for Harvesting



*Terril* has been washed again in 2000



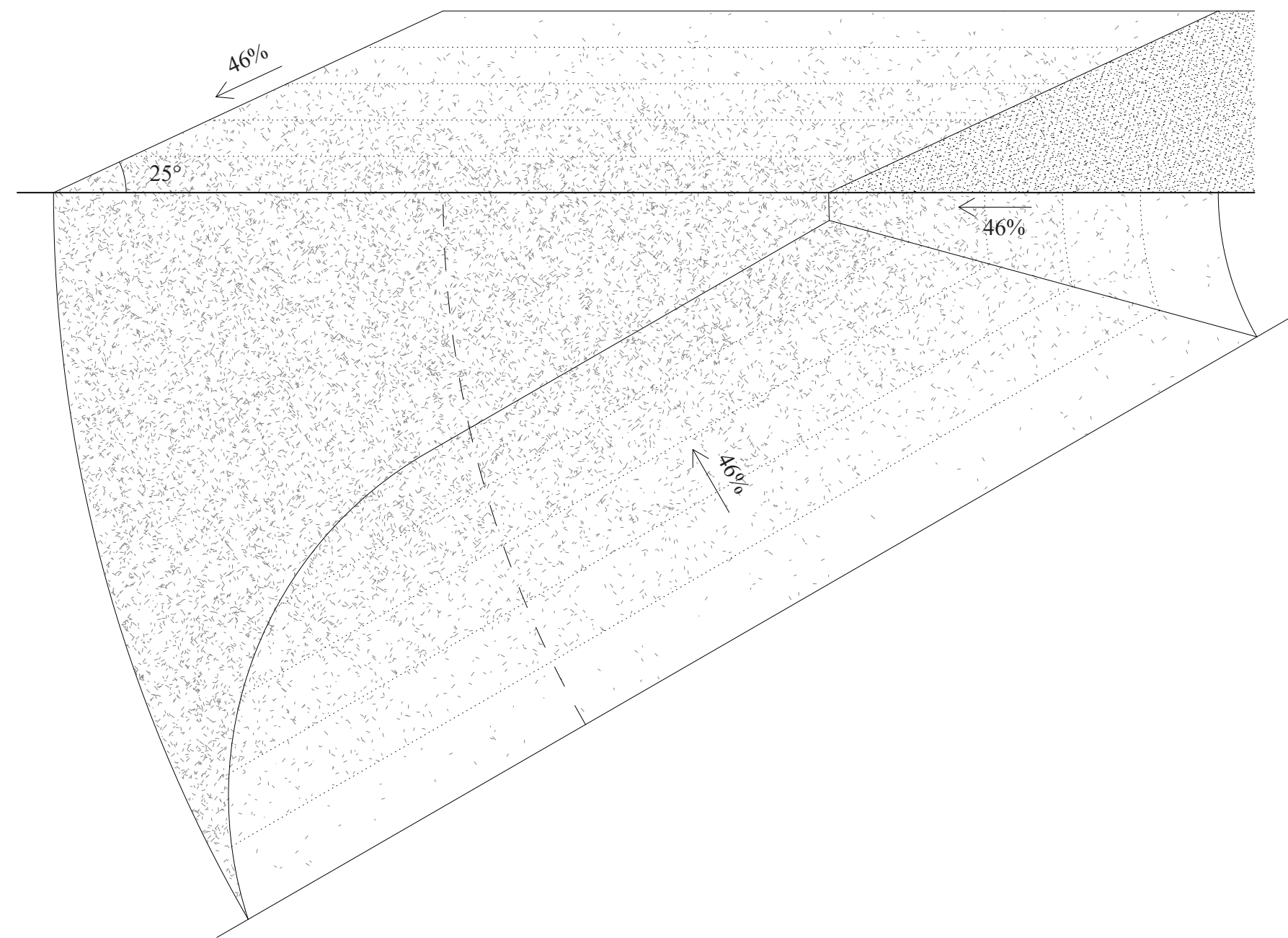
Time for Harvesting



A System of Moving Dump Material



Time for Harvesting



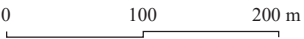
A System of Moving Dump Material: Slopes



Time for Harvesting

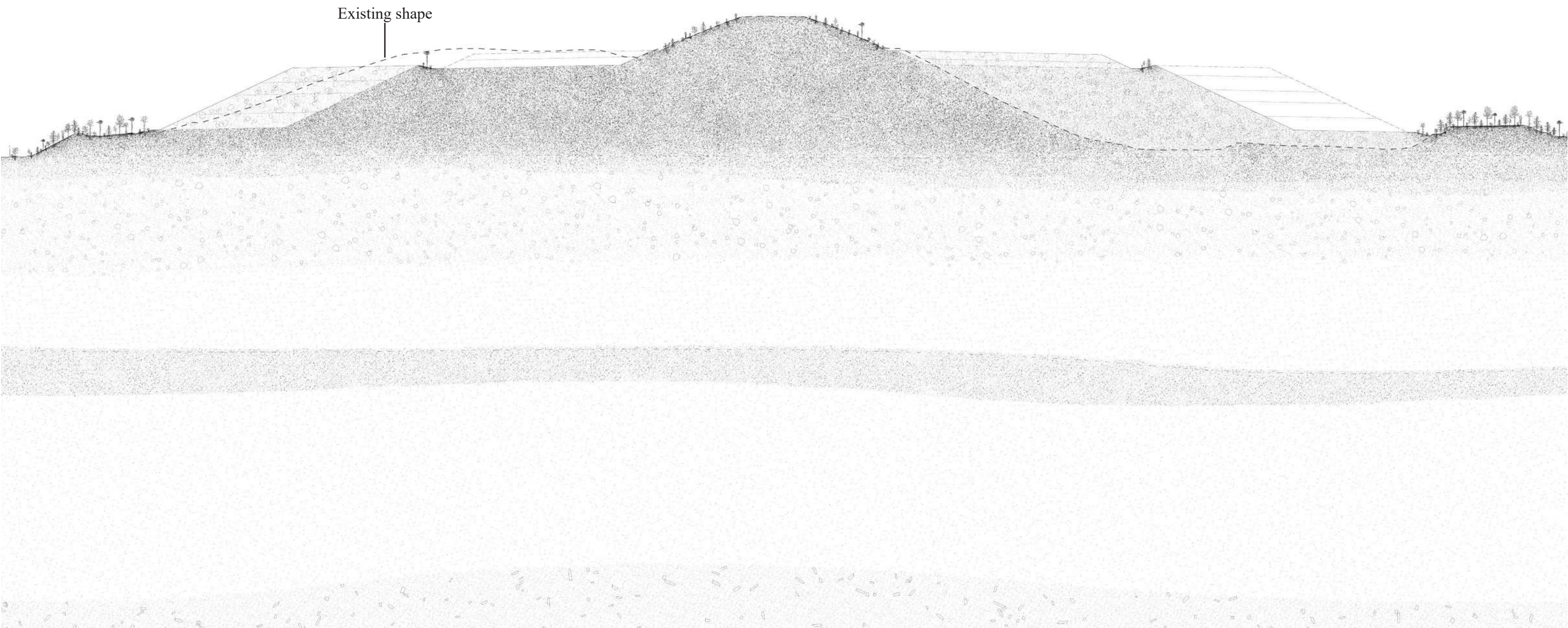


The ever-changing View of the Teril





Time for Harvesting

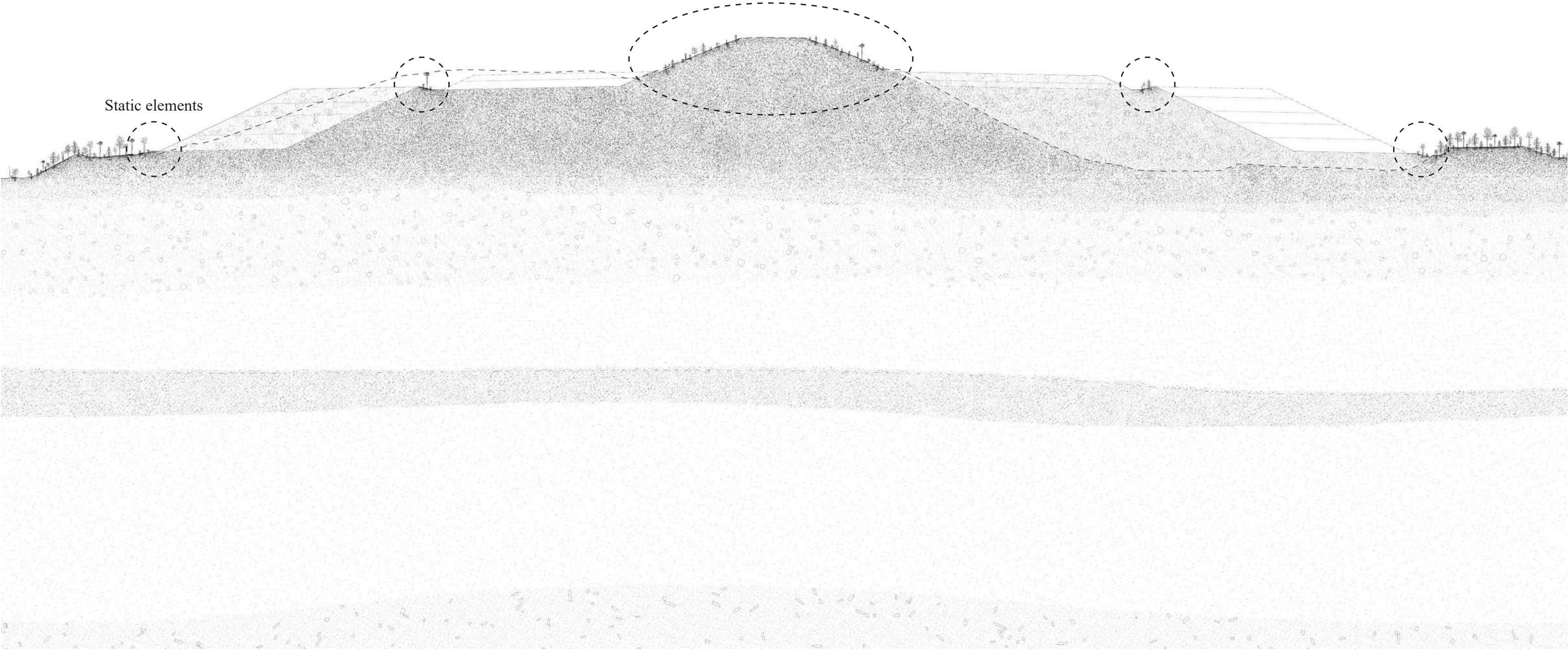


The ever-changing View of the Teril

0 100 200 m



Time for Harvesting

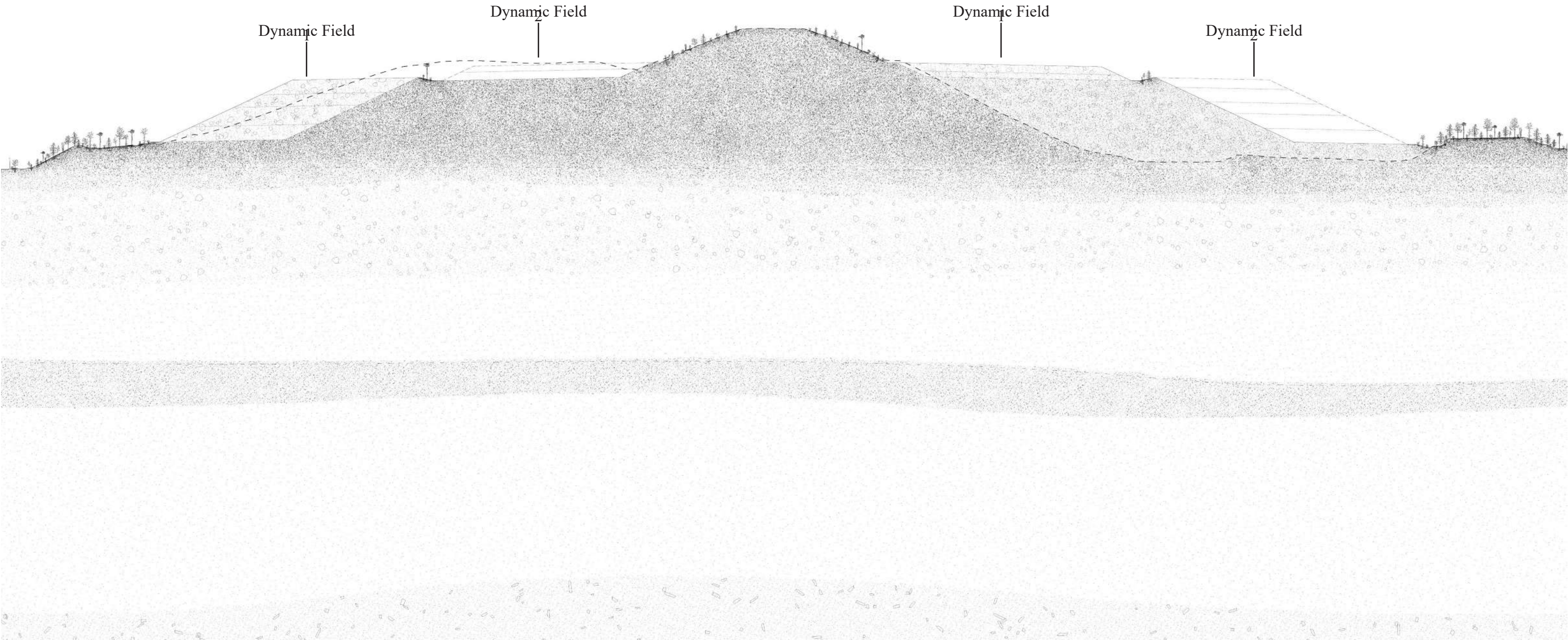


The ever-changing View of the Teril

0 100 200 m



Time for Harvesting

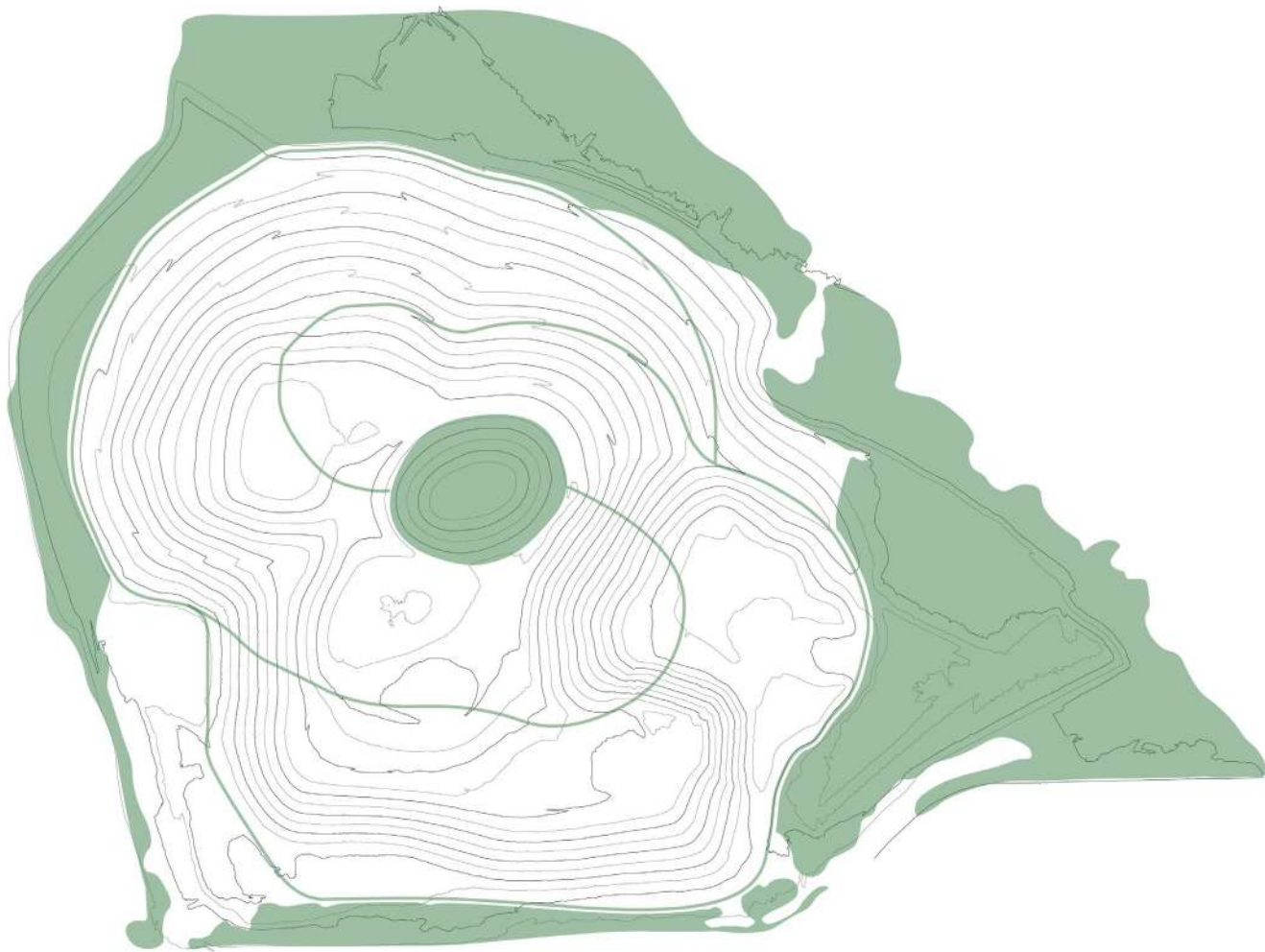


The ever-changing View of the Teril

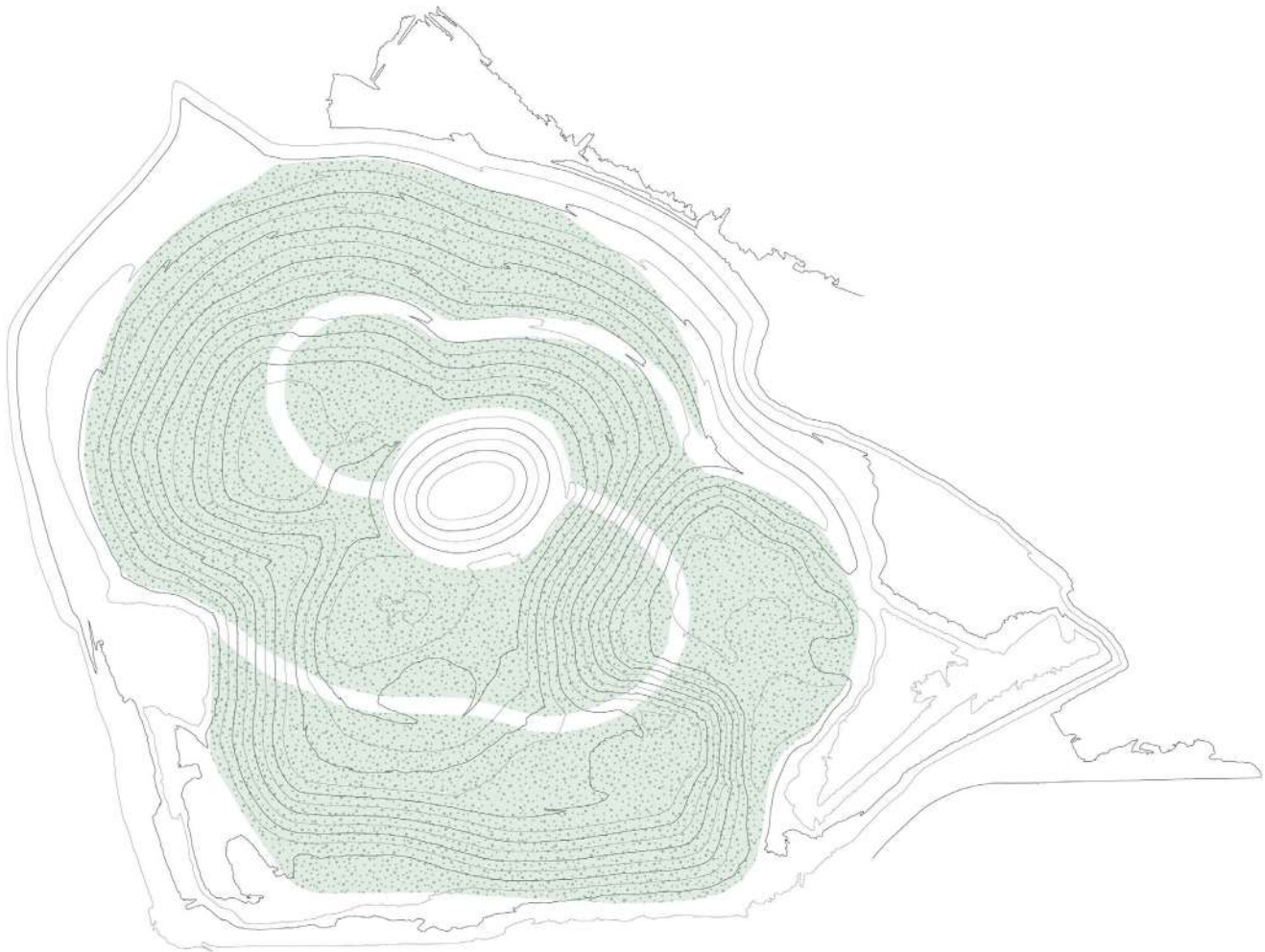
0 100 200 m



Time for Harvesting



Static

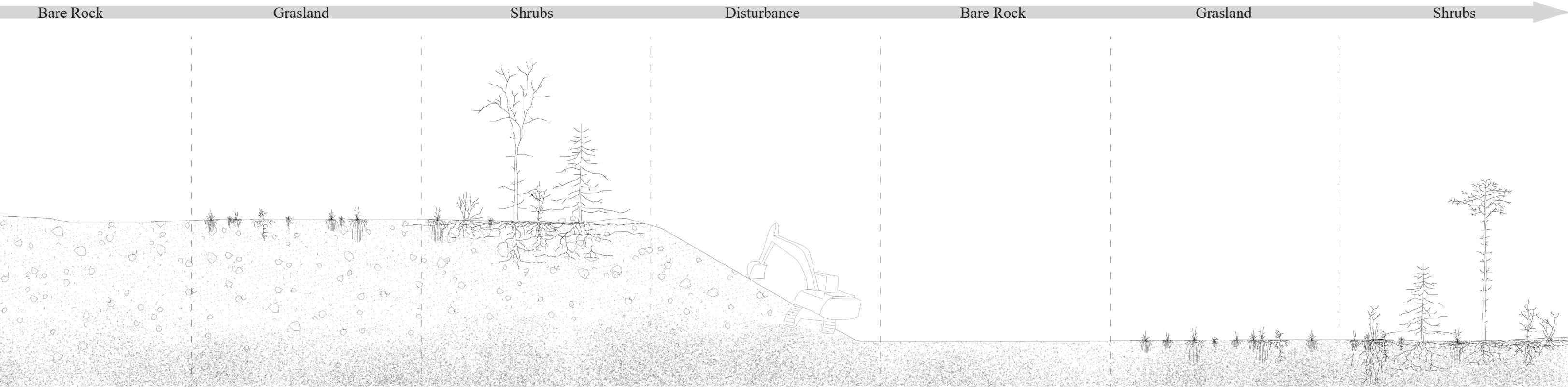


Dynamic

Static vs. Dynamic Flora Habitat



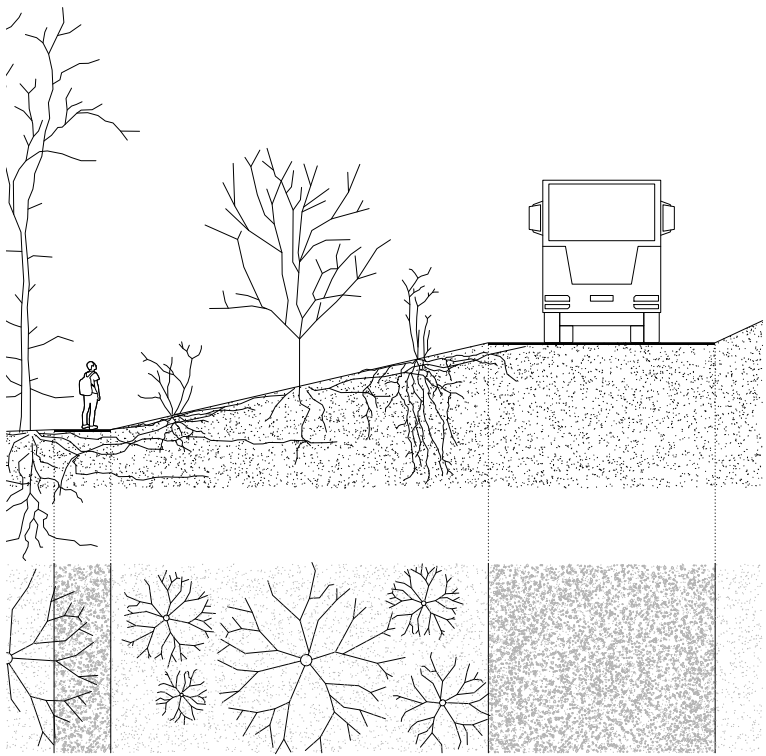
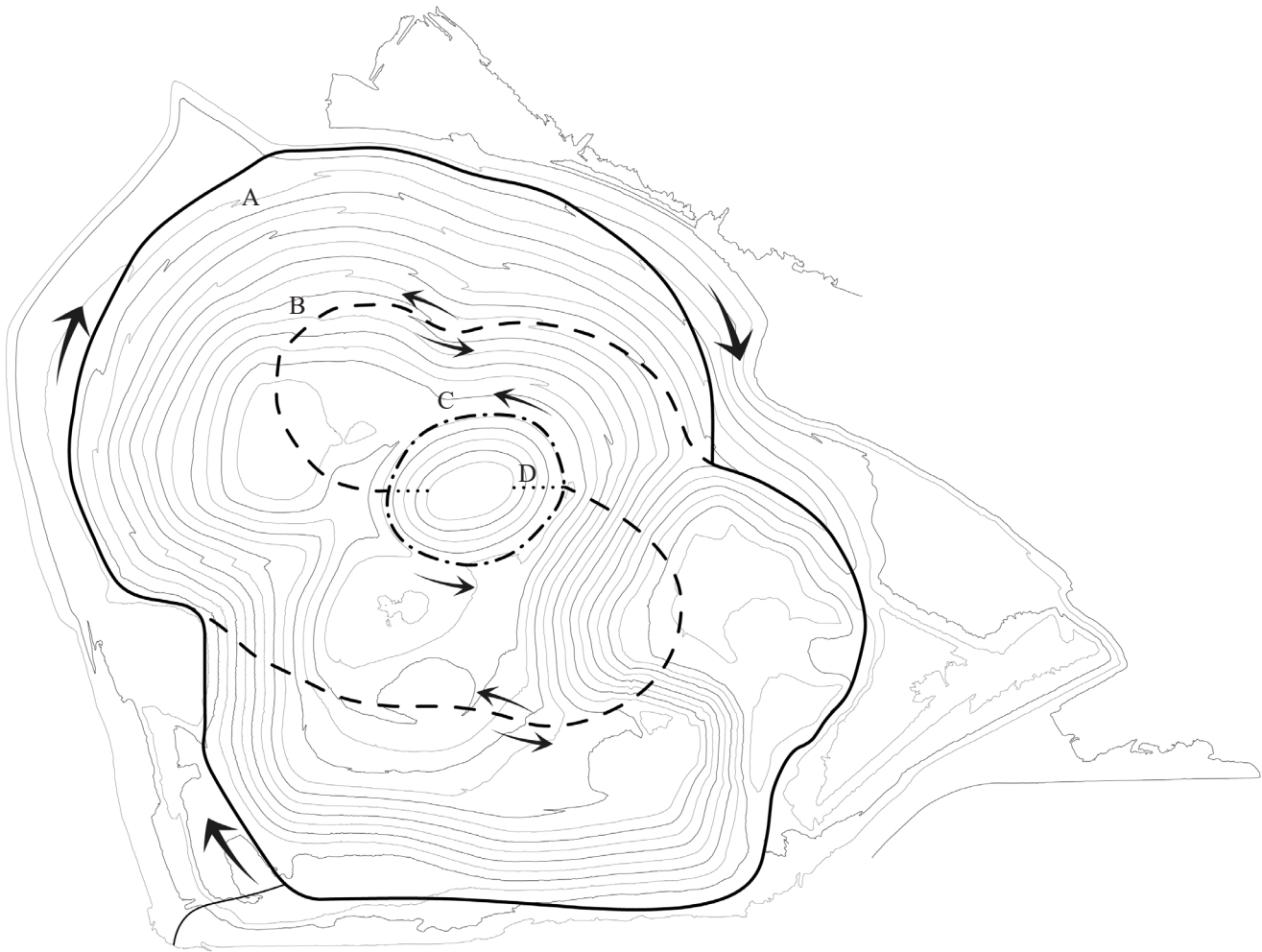
Time for Harvesting



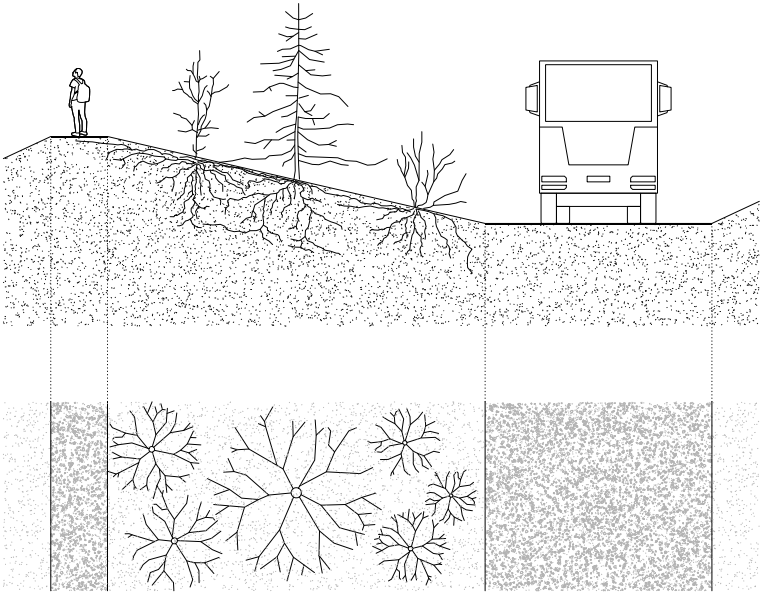
Creating a Pioneer Landscape by Disturbance



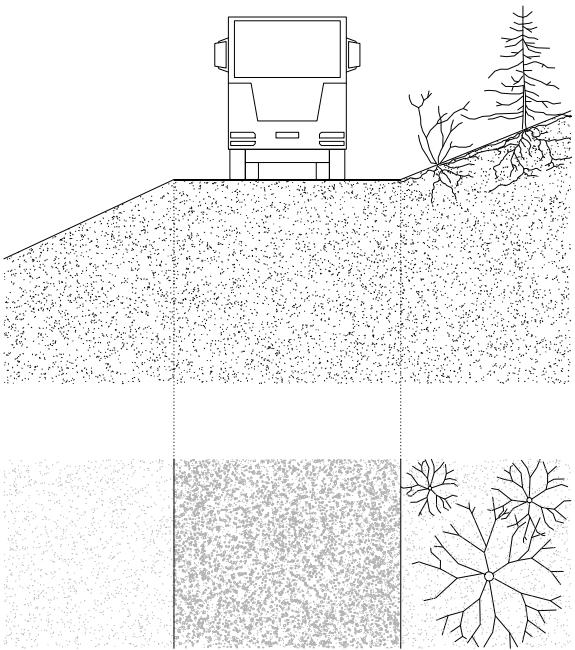
Time for Harvesting



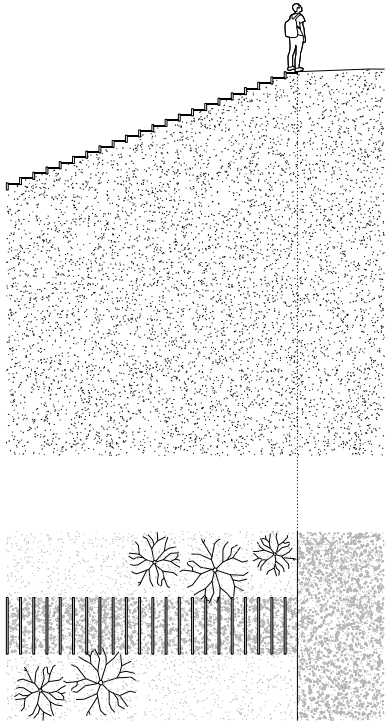
Type A



Type B

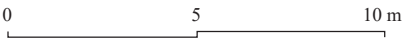


Type C



Type D

Moving ciruclar around the Park





Time for Harvesting



Forest Promenade in Spring



Time for Harvesting



Summer Walk along the Dump Site



Time for Harvesting



Autumn Scenario at the Giant Roundabout



Time for Harvesting



Winter Landscape at the Viewpoint



