

Mounds Improve Environments - 2

The following mound profiles were developed during the mound building program at Pipalyatjara and Kalka in 2000 and 2001. They have been produced in this fact sheet to act as a guide for those planning to build mounds in their community. More information about mounds is available from the APY Land Management Office at Umuwa.

M.W. Last *
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1. High Mounds

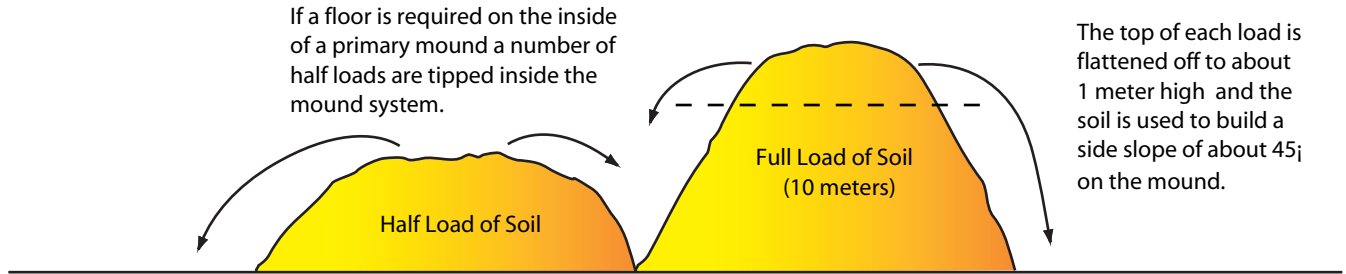


Figure 1: Before Shaping the Mound System

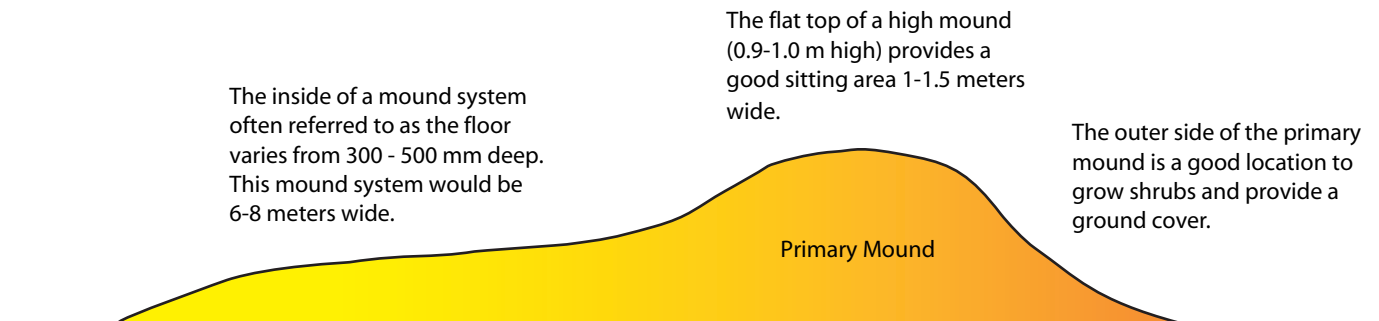


Figure 2: After Shaping the Mound System

2. Low Mounds

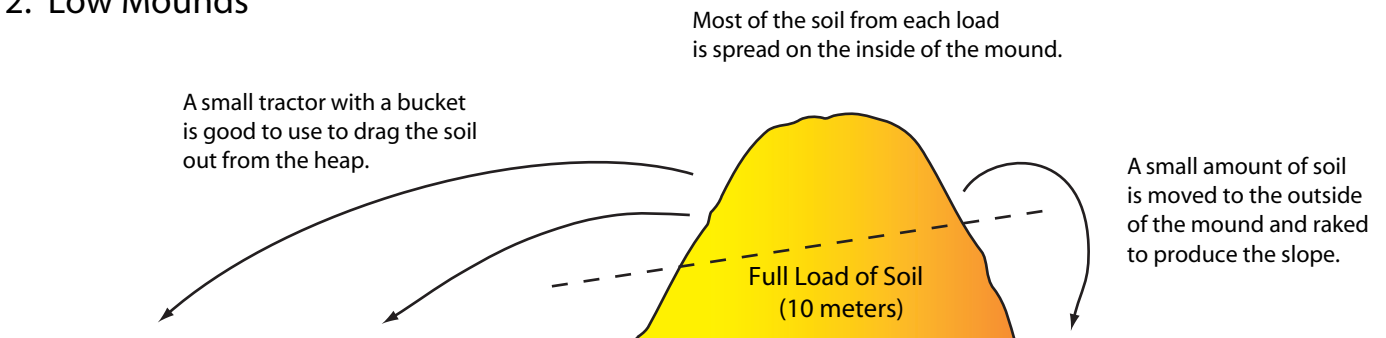


Figure 1: Before Shaping the Mound System



Figure 2: After Shaping the Mound System

* Acknowledgement: This fact sheet has been generated out of a Nganampa Health Council Project on the Anangu Pitjantjatjara Lands.

3. Amphitheatres

If possible a wide top (1-2 meters) is formed at the top of the Amphitheatre and a gradual slope produced on the inside for ease of sitting during meetings.

The top of each load is flattened off at 1 meter high and the soil used to build a side slope of about 45° on the mound. Extra soil may be required on the outside slope.

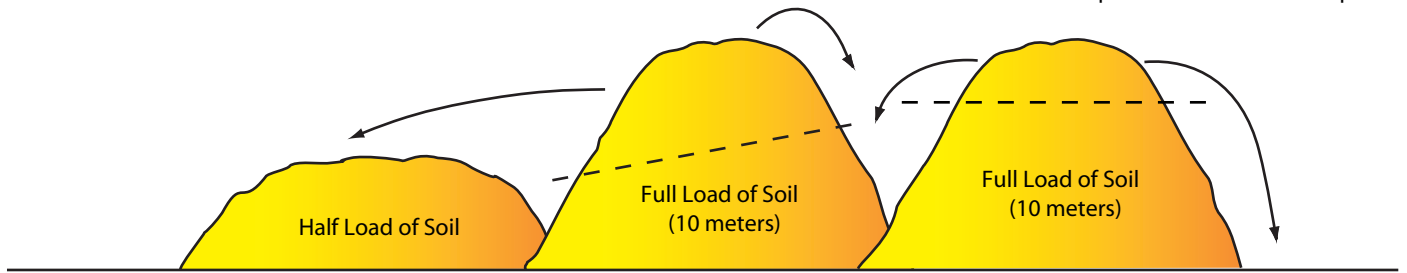


Figure 1: Before Shaping the Mound System

A small tractor with a bucket is good for dragging the soil from the heap to make the gradual slope inside the Amphitheatre. The width could be as much as 10-12 meters.

The flat top of a high mound (0.9-1.4 m high) provides a good sitting area 1-2 meters wide.

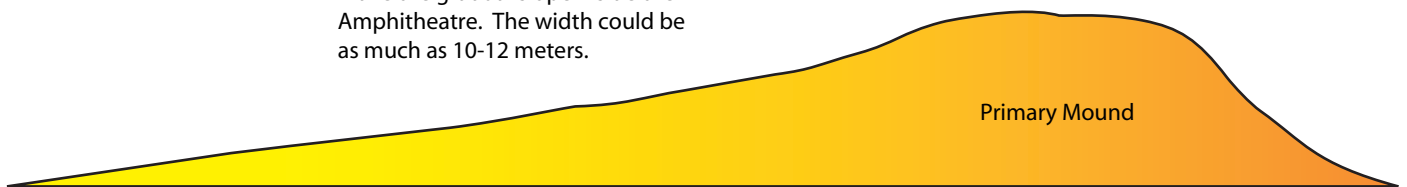


Figure 2: After Shaping the Mound System

4. Mound Combinations

Half loads are tipped on the inside of the primary mound from which secondary mounds are shaped and blended into the primary mound.

The top of the full load is dragged down to provide a gentle slope on the inside of the mound.

Soil from the top of the heap is used to build a side slope of about 45° on the mound.

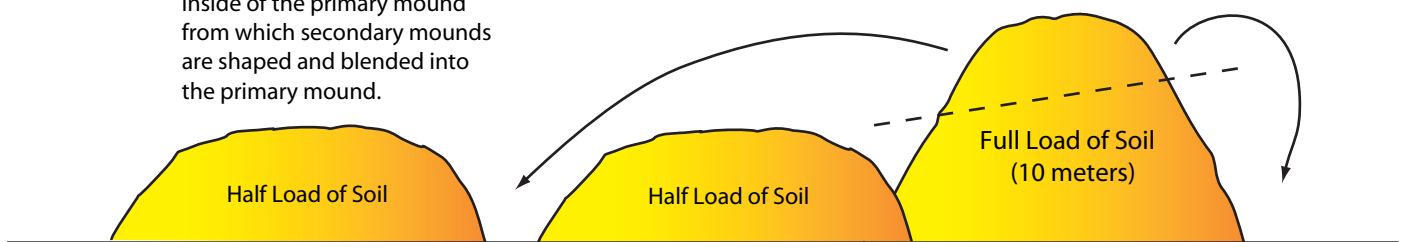


Figure 1: Before Shaping the Mound System

Secondary mounds are shaped within the primary mound and are used to form a number of different living areas. They can be 500 - 700 mm high.

This mound system can be designed to fill a front yard 30 meters wide and 17 meters deep. Always use plenty of soil.

The primary mound has a smaller sitting area about 1 meter wide and a height of 700 - 900 mm.

The outside slope is about 50°.



Figure 2: After Shaping the Mound System