



2 March 2016

Extra slides - Not included in the exam

Clamp Kiln Experiment

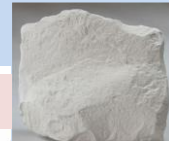
CE 344 Materials of Construction

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A clamp kiln experiment...

How to construct a clamp kiln?



<http://www.crumbleholme.plus.com/bronzeage/Monkton%20WydFeb05/monktonwyldfeb05.htm>

Wednesday, March 2, 2016

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A clamp kiln experiment...

A bed of embers and a central stump



<http://www.crumbleholme.plus.com/bronzeage/Monkton%20WylFeb05/monktonwylFeb05.htm>

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A clamp kiln experiment...

A bed of embers and a central stump



<http://www.crumbleholme.plus.com/bronzeage/Monkton%20WylFeb05/monktonwylFeb05.htm>

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A clamp kiln experiment...

Form a mattress



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A clamp kiln experiment...

Compress



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A clamp kiln experiment...

Place the material in the kiln



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A clamp kiln experiment...

Wood shavings and twigs



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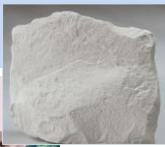
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A clamp kiln experiment...

Wood shavings and twigs



<http://www.crumbleholme.plus.com/bronzeage/Monkton%20WylFeb05/monktonwylFeb05.htm>

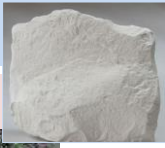
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A clamp kiln experiment...

Some smoke ...



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A clamp kiln experiment...

Place the willow roof over the fire



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A clamp kiln experiment...

Place the willow roof over the fire



<http://www.crumbleholme.plus.com/bronzeage/Monkton%20WylFeb05/monktonwylFeb05.htm>

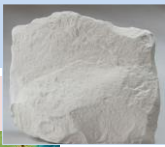
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A clamp kiln experiment...

And some turf on the willow roof to clamp up



<http://www.crumbleholme.plus.com/bronzeage/Monkton%20WylFeb05/monktonwylFeb05.htm>

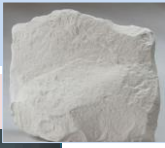
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A clamp kiln experiment...

Happy kiln



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A clamp kiln experiment...

Unload the kiln to reveal the final materials



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