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## Project Report Lime Mortaring Workshop

Shropshire Mines Trust (SMT) hosted a lime mortaring workshop at Snailbeach mine on 18 July 2024. The workshop was delivered by CJR Heritage Services (CJR) who provided three trainers with specialist skills in lime mortaring. CJR also provided all the materials for the course.

The course was attended by seven volunteers from SMT (one of who also works with SHNL) and a countryside ranger from Shropshire Council. The course duration was five hours and included:

- Mix designs, mixing from first principles using quicklime and using pre-bagged mixes
- Mixes for capping including use of Vivat Prompt
- Preparation of surfaces
- Lime mortar application to rebuild areas, repointing and capping

One of the trainers then visited site on 25 July to demonstrate dressing of the mortared areas to volunteers.

The lime mortaring during the training consolidated areas of loose masonry and walls in the mine boiler house area. The work was carried out in accordance with a scheduled monument consent from Historic England.

In his report to Shropshire Council, the site owner, the lead trainer noted "Overall the group were very interested in the subject and very attentive/engaged with the demonstrations. Thereafter they proved well able to produce a good standard of execution of the repointing and aftercare. I am confident the SMT will be well able to continue providing a very useful maintenance team for the masonry at Snailbeach."

The course has therefore equipped the volunteers with the practical skills necessary to carry out ongoing lime mortar repairs to the walls and buildings which form the scheduled monument at the Snailbeach mine site within the SHNL. Materials for the ongoing repair and stabilisation works will be provided by Shropshire Council.

Total volunteer hours for the course and subsequent mortar dressing session = 54 hours.

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Volunteer briefing



Damaged wall pre restoration

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Reconstruction of lower wall and repointing upper wall



Repointing buttresses

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Volunteers working under guidance of trainers



Completed stabilisation/repair to damaged wall



Dressing the mortar to repaired section of wall