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Stratigraphie et évolution structurale de la zone de Furgg, au front de la nappe du Mont-Rose

The Furgg zone consists of three units. The first one, the lower Furgg zone, is made of gneiss, the second one, the middle Furgg zone, is a Mesozoic series crosscut by mafic dikes and the third one, the upper Furgg zone, consists of gneiss and meta-arkose hosting numerous boudins of mafic rocks. This last unit has been assigned a Middle Jurassic age.

The studied area is strongly affected by backfolding. These folds are associated to the classical E-W dextral shear zone. The value of the direction of shear is around 280/40. This interpretation is compatible with the reorientation of the older structures.

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