

### Løvstadgrotta

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Løvstadgrotta in fragment of marble, 100 m above Gråtåga [river], Gråtådal, N. Norway, was discovered 1862. Minor tourism by boat from 1923. Corbel visited 1952, SWETC CC from 1963. Extended 68 m, by 8 m dive through static sump, 1972. Water temp. nr. entrance 10C, sump 30C. Air 30C. Two passages, 110 m - two lakes, and 60 m blocked side passage rising 14 m. Upper walls/roof solutional with sinuous roof half-tubes and pendants. Roof undulates. Upper and lower sections divided by horizontal joint in vertical beds. Surface above rough, below smooth. Signs of fill removal, with no deposit grading. Suggested initial/major formation occurred with complete waterfilling then fill stage partly remaining inside passage. Likely half tube formed above fill. No apparent connection between cave development and surface. Entrance slight depression, no evidence of surface course except ripple marks within cave indicating flow in and out. It seems part of the cave was removed during erosion of the valley.