

The diagram is a geological cross-section of a site. It shows several distinct layers and features. At the top left, a 'BLOCO DE BASALTO' is indicated. To the right, 'RUÍNAS' are shown. Below these, a layer of 'CALCÁRIO, DE TOM ESBRAQUIÇADO, COM PREENCHIMENTO DE SOLOS ARENO-ARGILOSOS DE TOM ACASTANHADO (CRETÁCICO)' is depicted. This is followed by a layer of 'AREIA SILTOSA, ALGO ARGILOSA, DE TOM ACASTANHADO, COM FRAGMENTOS DE DIMENSÃO E NATUREZA VARIADA E RESTOS DE TIJOLO (ATERRO)'. Within this layer, an 'ESTRUTURA ANTIGA EM TIJOLO E ARGAMASSA ARENOSA' is visible. Below the main soil layers, there is a 'TUBAGEM EM PVC (Ø9CM)' and a 'CONDUTA EM GRÉS (Ø20CM)'. A 'TIJOLO BURRO' is also shown. The bottom of the section is labeled 'ATERRO COBERTO POR UM NÍVEL DE BLOCOS ROCHOSOS'. Various dimensions are provided: a vertical dimension of 1.40m, a horizontal dimension of 1.30m, and several other smaller dimensions (1.10m, 0.10m, 0.70m). Points P2A, P2B, P2C, and P2D are marked, along with cross-section lines A-B and A-B'. A note 'Prof. 1.30m' is also present.

The diagram illustrates a geological cross-section of a wall foundation and its surrounding environment. The wall structure is composed of several layers: a top layer of 'PAREDE EM ALVENARIA (RUÍNAS)' (ruined masonry wall) labeled P2A, a middle layer of 'PAREDE EM ALVENARIA COM REBOCO (ENTERRADA)' (masonry wall with plaster, buried), and a base layer of 'ELEMENTO DE FUNDAÇÃO EM ALVENARIA, FORMADO POR FRAGMENTOS E BLOCOS DE BASALTO ARGAMASSADOS COM AREIA, CAL E COM ALGUNS RESTOS DE TIJOLO' (masonry foundation element formed by fragments and blocks of basalt mortared with sand, lime, and some brick remains). The foundation is shown with a height of 0.90m and a width of 0.40m. A vertical dimension of 1.30m is indicated from the base of the foundation to the top of the wall. A horizontal dimension of 0.02m is shown for the thickness of the foundation element. The wall is situated on a bed of 'CALCÁRIO, DE TOM ESBRANQUIÇADO, COM PREENCHIMENTO DE SOLOS ARENO-ARGILOSOS DE TOM ACASTANHADO (CRETÁCICO)' (whitish limestone, with filling of sandy-clayey soils of chestnut color (Cretaceous)). The surrounding soil is described as 'AREIA SILTOSA, ALGO ARGILOSA, DE TOM ACASTANHADO, COM FRAGMENTOS DE DIMENSÃO E NATUREZA VARIADA, RESTOS DE TIJOLO E DE RAÍZES (ATERRO)' (silty sand, slightly clayey, of chestnut color, with fragments of various sizes and nature, remains of bricks and roots (fill)). A 'CONDUTA EM GRÉS (Ø20CM)' (20cm diameter pipe) is shown passing through the soil, with a horizontal dimension of 0.60m from the wall to the pipe. The pipe is labeled P2C. The ground surface is indicated by a dashed line with a question mark. A 'TIJOLO BURRO' (brick) is shown at the top right of the wall. A 'PVC (Ø9CM)' (9cm diameter PVC pipe) is mentioned in the top left corner, but its location is not clearly visible in the diagram.