

The intention of this work's author was an interpretation of two almost identical items (pits) found during an extensive archeological research in the area of the former barracks Jiřího z Poděbrad, náměstí Republiky, Prague New Town. Items distant from each other 50 meters were unearthed within one year between 2004 and 2005. The items were represented by the pits sunk in the subsoil oriented west-east. A construction fragments were found on their bottoms. The first of the items was to a large degree disturbed with interferences in the 17th century. Only one half of it has remained until today. The other item, unearthed in the náměstí Republiky area (nearly next to the st. Joseph church entrance) was not destroyed by younger interferences. This was a linear pit 4,4 meters long, maximum width 1,8 meters (in the central part), 1,2 meters deep. There was a heating channel in its center made of two lines of diabase rocks (0,63 – 1,35 meters long). These rocks were commonly used in the fire using items the middle ages in the Prague area because of their heat accumulation capacity. Joints between individual rocks as well as their surface areas were filled with fired clay (puddle). On top of this construction a clay ring was placed (5-20cm wide; 0,65-0,85 inner diameter). Both items were filled with mostly with gravelsand mixed with soil. Many various metal drops and small pieces of metal composition were found in the filling. The metal foundings were covered with green corrosion (total weight 0,5 kg) which clarified the purpose of the items; they were used as appliances producing or treating of non-ferrous metals. An analysis of selected samples showed tin-bronze content with a small part of added lead. The unearthed samples of cohesive puddle weighed over 28 kg. Some of them became another lead suggesting the original purpose of the items. They were striking because of the perfectly smoothed inner wall with many green dots with remains of bronze.