



BÖLÜM 9

An Example Study of Underground Mapping Methods in Mining Sites

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1. Introduction

The study area is located in the province of Tekirdag. It is located in the region where the boundaries of the Tekirdağ city center, Malkara ve Hayrabolu districts intersect. It is located approximately 35 km west of Tekirdağ city center, about 18 km north-east of Malkara district and 28 km south of Hayrabolu district. The study area is represented by a triangular polygon of approximately 15 km². A total of 8 boreholes are located in the south of the Hayrabolu county and close to the Malkara border. The other region of 6 boreholes are located in the north-east of the Malkara county and within the borders of this county. Borehole locations were selected in order to obtain samples in North – South and East – West directions (Figure 1). At a similar study Sütçü et al. determined potential coalfield areas with using GIS methods in Tekirdağ-Malkara Basin. They used bivariate statistical approach and produced potential coalfield map of Malkara region [1].

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