of a source term in an elliptic equation

$$\mathbf{j} \oplus \mathbf{u}(\mathbf{x}) + \mathbf{q}(\mathbf{x})\hat{\mathbf{A}}_{D}(\mathbf{x})\mathbf{u}(\mathbf{x}) = 0; \quad \mathbf{x} \ 2 - \mathbf{and} \mathbf{u}(\mathbf{x}) = \mathbf{f}(\mathbf{x}); \quad \mathbf{x} \ 2 \ \hat{\mathbf{A}}:$$

Here \underline{q} is a given positive function and \hat{A}_D is the characteristic function of a polygon D such that \overline{D} ½ – . By using a Carleman estimate, we prove the glo bal uniqueness in this inverse problem within convex hulls of polygons D's.