



Valuation Office Inland Revenue

The Chief Valuer (Scotland)

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CONFIDENCE

Director (Engineering Services)
Department of Architecture and Related Services
City of Glasgow District Council
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Your reference [redacted]

Our reference [redacted]

Date 14 July 1986

AS 9/86
[Handwritten notes]

4021/632

Dear Sir

WESTTHORN RECREATION GROUND

16 JUL 1986
TL
NEW

REPORT OF THE MINERAL VALUER, INLAND REVENUE (VALUATION DEPARTMENT) ON THE RISK OF DAMAGE BY SUBSIDENCE DUE TO UNDERGROUND MINING

I refer to your letter of 3 July 1986.

The surface deposits are 25 metres to 30 metres thick and are mainly of plastic clay and silty sand. The rockhead strata are of the Productive Coal Measures dipping toward the southwest. The approximate lines of outcrop of the Humph, Main and E11 Coals are shown on the accompanying plan. The Glasgow Upper Coal occurs about 25 metres to 30 metres above the E11 Coal here. The results of bores 2 and 3 indicate in my opinion that the Glasgow Upper outcrops to the southwest of the site and is not therefore present under the site.

On the basis of the available information future underground mining appears to be unlikely in my opinion so that past mining only is for consideration.

Bores in the vicinity show that the E11 and Main Coals have been mined to or near their respective outcrops. Some bores have also proved old workings in the Humph Coal to be present.

Although future ground movements at the surface of the site would not in my opinion be expected to be severe, movements of significance in relation to buildings or structures are likely.

In the above mentioned circumstances I am of opinion that there is a risk of damage by subsidence due to underground mining and that precautions should be incorporated in design and construction in order to reduce that risk. The responsibility for deciding whether or not to proceed with development rests with your Council. If the Council decides to proceed the responsibility for the precautions to be incorporated in the design and construction rests with your Authority.

The approximate position of an old shaft is shown on the accompanying plan. Every shaft or other surface opening constitutes a danger of ground collapse not only in respect of the limited area of the opening but also of a surrounding area the extent of which will be influenced inter alia by the depth and nature of the surface deposits above rockhead. Each should be precisely located, its condition fully investigated and in the light of the then available information such steps as are deemed necessary should be taken in order to render conditions safe. Even so it would be unwise in my view to erect any building or structure directly over any shaft or other surface opening or within such an

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14 July 1986

area surrounding it which on the basis of conditions determined at the time of the investigation and in the light of the remedial measures applied may nevertheless be subject to future ground movement due to the presence of the shaft or other surface opening. The responsibility for location, investigations, remedial measures and other precautions rests with your Council.

It is recommended that you consult British Coal.

This report, which is on the basis of geological and mining records, and made without inspection of the subjects, is in confidence to the City of Glasgow District Council.

Yours faithfully

[REDACTED]

MINERAL VALUER