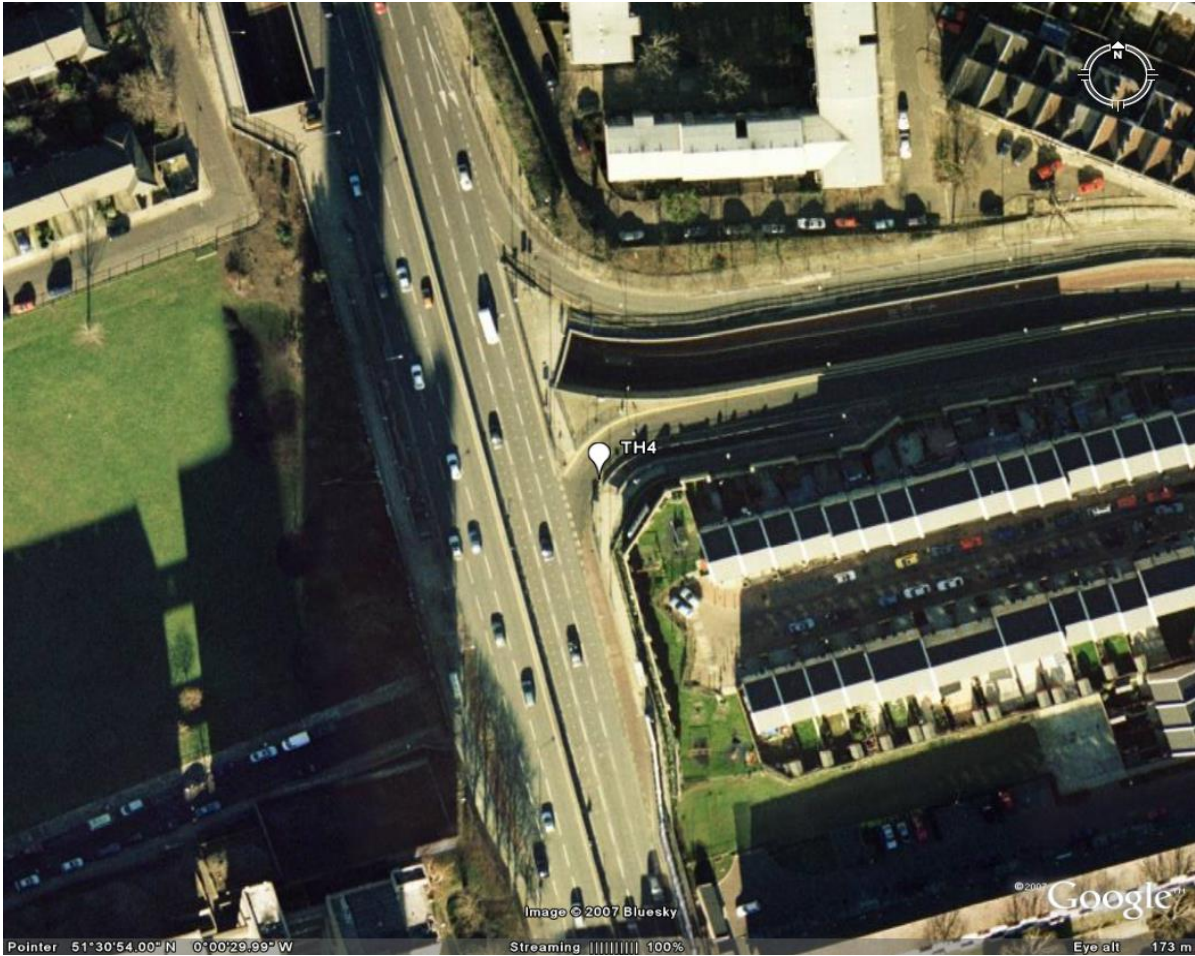


Site name	Site code	Date of visit	OS X	OS Y	Latitude	Longitude	UTM
Tower Hamlets 4	TH4	10/08/2007	538299	181449	51 30' 54N	0 00' 30W	U30 708893.97E, 5688053.25N

Satellite pictures

Date:  
12/05/2006 -  
10/09/2006

Local scale  
(100 m radius)



Meso Scale  
(1km radius)



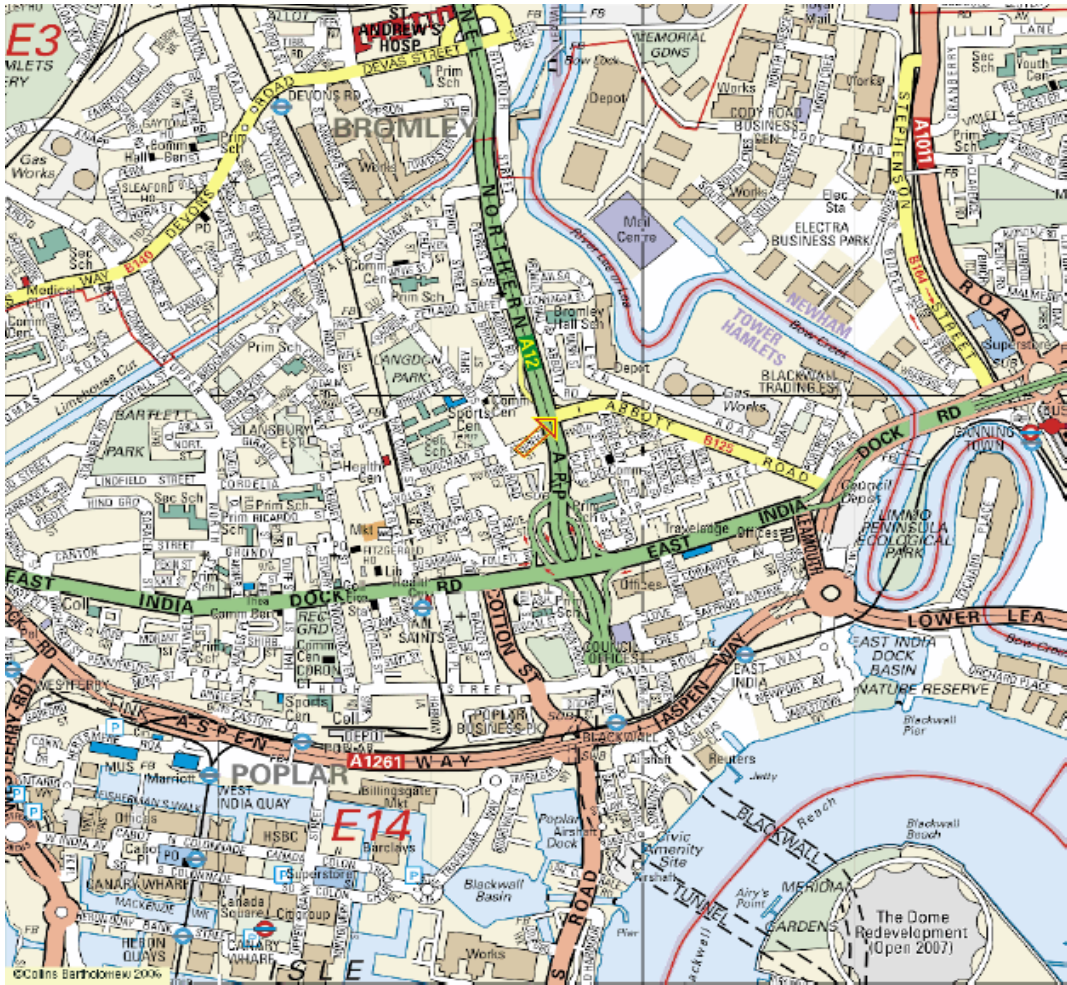


Street maps

Local scale  
(100 m radius)



Meso Scale  
(1km radius)



Site classification	LAQN Classification	Station Type	Urban climate zone	Meso (1 km radius)	Local (100 m radius)	Micro (30 m radius)
	Roadside	Urban Meteorological		4	4	4

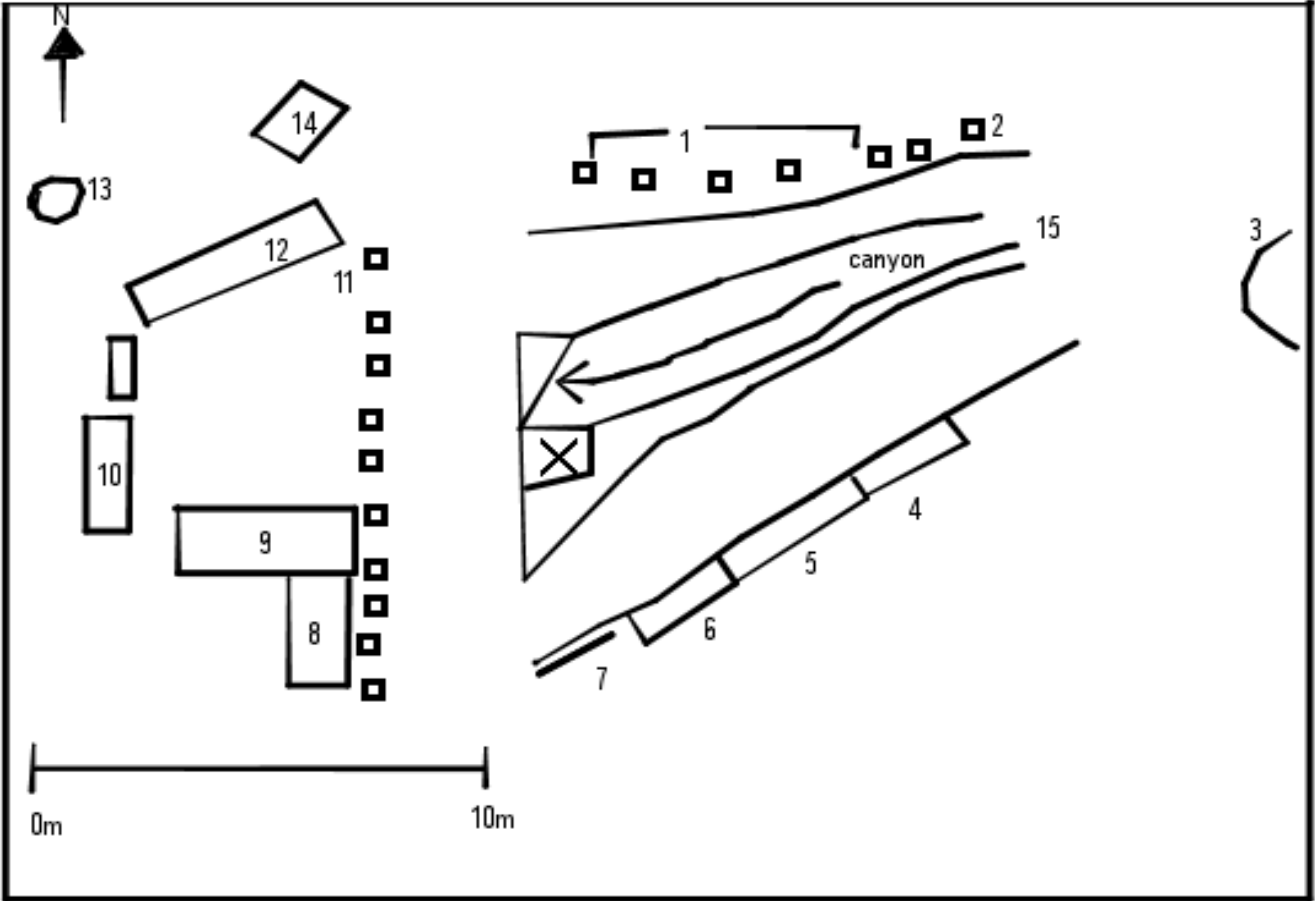
% Land cover		100 m	1 km	Main Land use	Direction	Land use (MAJOR / minor)
	Vegetated	18.08	34.63		N	INDUSTRIAL/ residential
	Built over	47.09	33.13		E	INDUSTRIAL/ residential
	Water	7.27	0		S	RESIDENTIAL/ transport
	Road	27.66	32.24		W	RESIDENTIAL/ open park

Site description	Meso (1 km radius)	Local (100 m radius)	Micro (30 m radius)
	<p>This is a densely populated urban area, with a variety of high rise buildings and busy roads, the river thames is fairly close and there are few open vegetated spaces.</p>	<p>The heavy traffic on the road is ceaseless, and there are a few trees across the canyon. In the line of site therer are what can only be assumed are large obstructions, 2 tower blocks and two gas cylinders.</p>	<p>This site is situated in densely populated area, very close to an extremely busy road.However across the road there is a large open space, and alongside the site an underpass create an approximately 7m deep canyon.</p>






Plan view  
diagram  
(30 m radius)

KEY  
□ : Tree  
X : Station



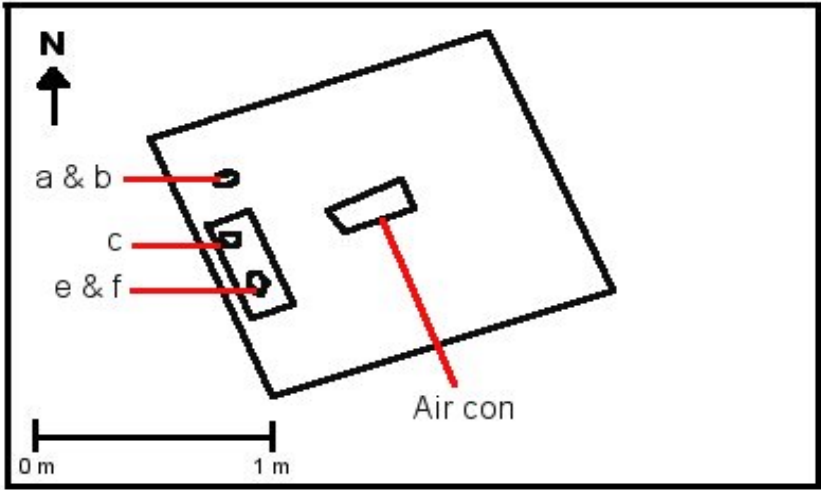
Site obstacles

Sketch key	Type	Detail	Wall material	Roof material	View from station
1	Line of trees	Deciduous	N/a	N/a	
2	Tree	Deciduous	N/a	N/a	
3	Gas cylinder	N/a	Rusty metal	Rusty metal	
4	Houses	N/a	Yellow brick	Grey Tile	
5	Houses	N/a	Yellow brick	Grey Tile	
6	Houses	N/a	Yellow brick	Grey Tile	
7	Billboard	N/a	Dark grey brick	Metal	

8	Towerblock	N/a	Grey concrete	Flat rooves	
9	Towerblock	N/a	Grey concrete	Flat rooves	
10	Towerblock	N/a	Grey concrete	Flat rooves	
11	Tree	N/a	N/a	N/a	
12	Houses	N/a	Yellow brick	Brown slate	
13	Spire/ steeple	N/a	Brown brick	Grey slate	
14	Houses	N/a	Light brown brick	Brown slate	
15	Canyon	N/a	N/a	N/a	



Instrument  
diagram  
(Plan view)



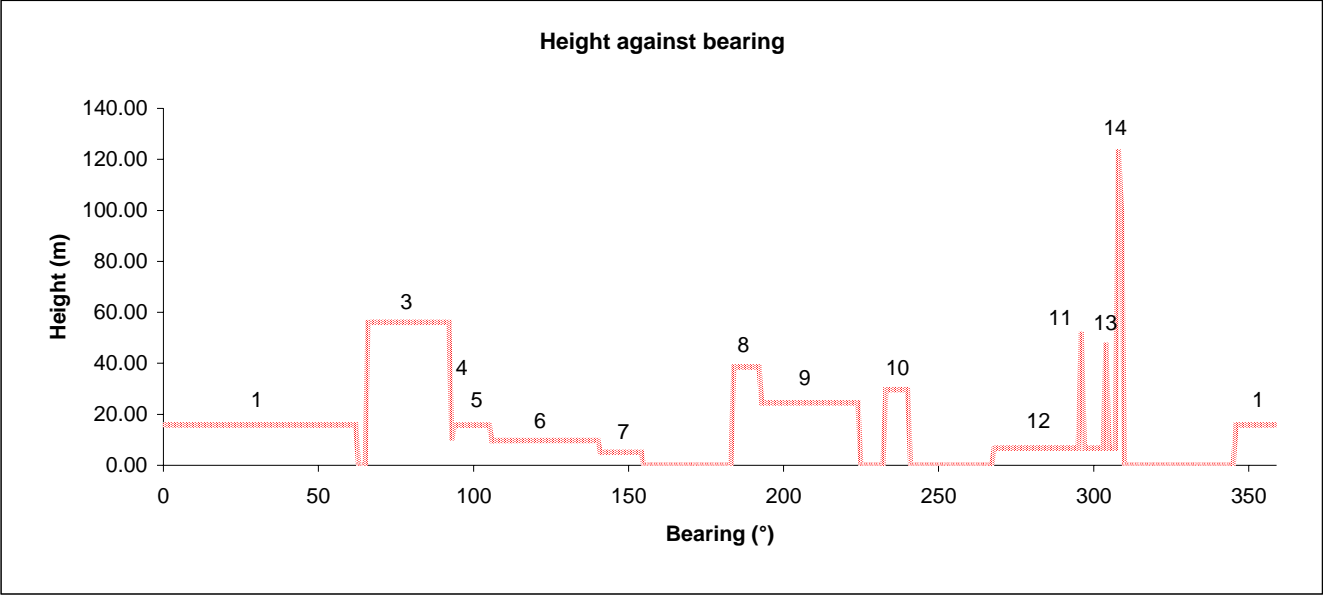
Instruments

Sketch key	Name	Variable	True height (m)	Concerns
a	Wind sonic	Wind speed	7.01	N/a
b	Wind sonic	Wind direction	7.01	N/a
c	Sample inlet	Pollutant concentration	2.85	N/a
d	Air con	N/a	2.40	N/a
e	TEOM	Air temperature	2.65	N/a
f	TEOM	Air quality	2.95	N/a

Instrument  
image



**Graphs**  
 Height vs. bearing



Other influences

Heat sources	Bearing from site (°)	Source	Location	Detail
	N/a	Air Conditioning	On top of station	N/a
	0 - 360	Road	Surrounding station	Busy
	0 - 360	Buildings	Surrounding station	Dense

Traffic		Seasonal features	Summer (Deciduous trees are all in leaf)	Temporary fixtures	
	Dense				N/a

Task	Initial
Who visited the site	RW, KR
Who filed the report	RE
Who produced the plots	

*N.B. values given to 3 s.f.*