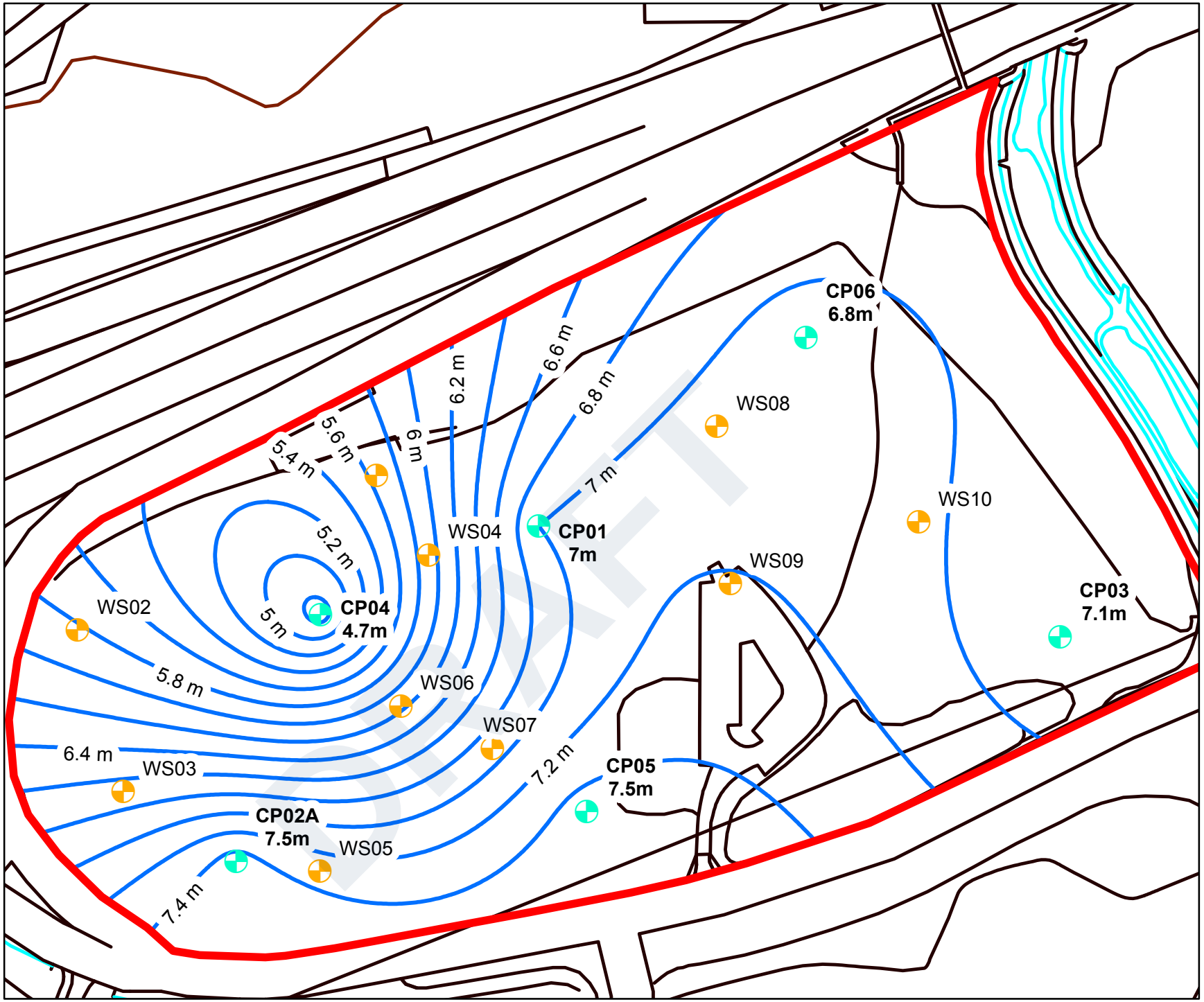


N

Legend

- Site Boundary
- Cable Percussion Borehole
- Window Sample
- Trial Pit
- Landfill Thickness Contours (m)

0 12.5 25 50 75 m

Drawing title:
Landfill Thickness Contour Plan

Project:
Brockhampton West

Client:
Havant Borough Council

Scale (A3):	Created:	Reviewed:	Verified:
1:2,000	SB 07/08/17		

Office:	Drawing number:	Revision:
LDN	004	Rev.01

WYG Environment

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DO NOT SCALE: CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ANY OMISSIONS OR ERRORS

KEY:

- CABLE PERCUSSION BOREHOLE
- WINDOW SAMPLE
- TRIAL PIT

CP04	
Max CH_4	63.9
CH_4 GSV	0.19
Max CO_2	31.2
CO_2 GSV	0.09

WS01	
Max CH_4	66.1
CH_4 GSV	0.09
Max CO_2	31.8
CO_2 GSV	0.04

WS04	
Max CH_4	66.6
CH_4 GSV	0.13
Max CO_2	31.8
CO_2 GSV	0.06

CP01 (Shallow)	
Max CH_4	70.8
CH_4 GSV	0.21
Max CO_2	39.7
CO_2 GSV	0.12

CP01 (Deep)	
Max CH_4	67.7
CH_4 GSV	0.2
Max CO_2	30.1
CO_2 GSV	0.09

CP06	
Max CH_4	60.1
CH_4 GSV	0.06
Max CO_2	23.2
CO_2 GSV	0.02

WS08	
Max CH_4	63.4
CH_4 GSV	0.06
Max CO_2	29.2
CO_2 GSV	0.03

WS02	
Max CH_4	64.6
CH_4 GSV	0.06
Max CO_2	28.7
CO_2 GSV	0.03

WS10	
Max CH_4	54.6
CH_4 GSV	0.05
Max CO_2	22.7
CO_2 GSV	0.02

WS03	
Max CH_4	40.8
CH_4 GSV	0.04
Max CO_2	26.2
CO_2 GSV	0.03

CP02 (Deep)	
Max CH_4	22.5
CH_4 GSV	0.02
Max CO_2	15.3
CO_2 GSV	0.02

CP02 (Shallow)	
Max CH_4	35.9
CH_4 GSV	2.19
Max CO_2	24.6
CO_2 GSV	1.5

CP03 (Deep)	
Max CH_4	20
CH_4 GSV	0.02
Max CO_2	17.4
CO_2 GSV	0.02

CP03 (Shallow)	
Max CH_4	39.6
CH_4 GSV	12.32
Max CO_2	22.3
CO_2 GSV	6.94

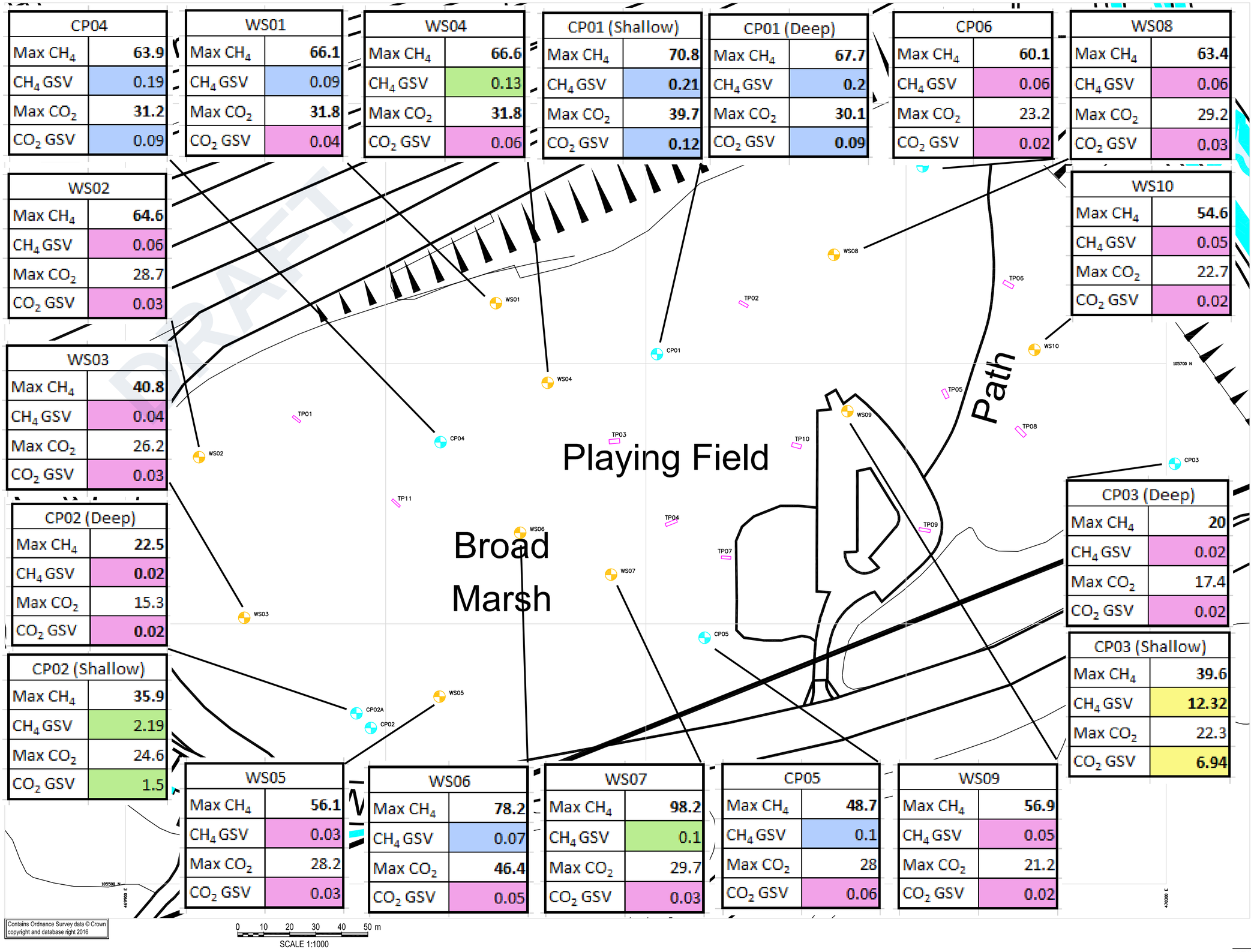
WS05	
Max CH_4	56.1
CH_4 GSV	0.03
Max CO_2	28.2
CO_2 GSV	0.03

WS06	
Max CH_4	78.2
CH_4 GSV	0.07
Max CO_2	46.4
CO_2 GSV	0.05

WS07	
Max CH_4	98.2
CH_4 GSV	0.1
Max CO_2	29.7
CO_2 GSV	0.03

CP05	
Max CH_4	48.7
CH_4 GSV	0.1
Max CO_2	28
CO_2 GSV	0.06

WS09	
Max CH_4	56.9
CH_4 GSV	0.05
Max CO_2	21.2
CO_2 GSV	0.02



Risk Rating for Situation A as per Table 8.5 (CIRIA C665)

Very high (>70)
High (<70)
Moderate to high (<15)
Moderate (<3.5)
Low (<0.7)
Very low (<0.07)

Bold indicates values classified as 'red' or high gas regimes as per Table 8.7 (CIRIA C665). Standard residential housing would not normally be acceptable. All values in %vol (Max CH4 and Max CO2) or l/hr (GSVs).

REV	DESCRIPTION	BY	CHK	APP	DATE

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Client: HAVANT BOROUGH COUNCIL

Project: BROCKHAMPTON WEST

Drawing Title: **MAXIMUM LANDFILL GAS CONCENTRATIONS AND GAS SCREENING VALUES**

Scale @ A2	Drawn	Date	Checked	Date	Approved	Date
1:1000	PP	26.07.17	NB	26.07.17	SB	26.07.17

Project No.	Office	Type	Drawing No.	Revision
A102760	LDN	N	005	00

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Appendix C – Photographs



TP01 Close up of Pit Wall



TP01 Pit Spoil – Landfill Material



TP01 Pit Spoil – General View



TP02 Close up of Pit Wall



TP02 Pit Spoil – Landfill Material



TP02 Pit Spoil – General View



TP03 Pit Spoil – Landfill Material



TP03 Pit Spoil – General View



TP04 Close up of Pit Wall



TP04 Close up of Pit Base



TP04 Pit Spoil – Landfill Material



TP04 – Pit Spoil – General View



TP05 Pit Spoil – Landfill Material



TP05 Pit Spoil – General View