






KEY

- THX
 TRIAL HOLE TO DETERMINE UNDERLYING STRATA FOR POROSITY TEST
- TPX
 POROSITY TEST
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 POROSITY TEST UNDERTAKEN BY BFDS

P04	22.11.24	PLOTS IN SOUTH CORNER REMOVED	AV		
P03	24.06.24	SITE LAYOUT UPDATED	AV		
P02	16.04.24	POROSITY PIT LOCATIONS & RESULTS BY BFDS ADDED	AV		
REV	DATE	DESCRIPTION	BY	CHK	APP

[illegible]

CLIENT _____



PROJECT

Housing Development,
Maes Merddyn,
Brynsiencyn

TITLE

Trial Pit & Porosity Test
Location Plan & Results



DRAWN	AV	CHECKED	PASSED
DATE	12.04.24	CLIENT'S REF.	
SCALE AT A1	1:250	AUTOCAD REF.	24041/Trial Pits
DRAWING No.			REVISION
24041/001			P04

Porosity Results Summary Undertaken By Datrys / Williams Homes 09-10/04/24

Porosity Results					
		Depth (m)	Soil Infiltration Rate (m/s)	Vp Rate (m/s)	Comments
TP1	Test 1	1.51	9.28E-06	-	Passed
	Test 2	1.43	1.44E-05	-	Passed
	Test 3	Insufficient time to complete			
TP2	Test 1	1.52	2.28E-05	-	Passed
	Test 2	1.52	9.16E-06	-	Passed
	Test 3	1.46	1.31E-05	-	Passed
TP3	Test 1	0.87	8.26E-06	-	Passed
	Test 2	0.87	7.26E-06	-	Passed
	Test 3	Insufficient time to complete			
TP4	Test 1	1.70	1.93E-05	-	Passed
	Test 2	1.70	2.27E-05	-	Passed
	Test 3	1.61	2.22E-05	-	Passed
TP5	Test 1	1.55	1.08E-05	-	Passed
	Test 2	1.55	1.55E-05	-	Passed
	Test 3	1.56	1.40E-05	-	Passed
TP6	Test 1	1.50	1.10E-05	-	Passed
	Test 2	1.54	1.54E-05	-	Passed
	Test 3	1.55	1.46E-05	-	Passed
TP7	Test 1	1.15	9.76E-06	-	Passed
TP8	Test 1	1.65	2.68E-05	-	Passed
	Test 2	1.65	2.87E-05	-	Passed
	Test 3	1.53	4.76E-05	-	Passed

Porosity Results Summary Undertaken By BFDS 11/01/2016

Porosity Results					
		Depth (m)	Soil Infiltration Rate (m/s)	Vp Rate (m/s)	Comments
TH1	Test 1	1.245	1.40E-05	-	Passed
TH2	Test 1	1.245	2.10E-05	-	Passed
TH3	Test 1	1.035	6.70E-06	-	Passed
TH4	Test 1	0.55	1.00E-05	-	Passed
TH5	Test 1	Ground unsuitable			
TP6	Test 1	1.10	3.90E-05	-	Passed
TP7	Test 1	1.15	6.40E-05	-	Passed