



GROUND INVESTIGATION CONTRACT

CHEMICAL TESTS (Sheet 1 of 1)  
Tests 3, 4, 5 & 9 of BS 1377 : Part 3 : 1990

HL No.	Sample Type	Sample No.	Sample Depth (m)	Passing 2mm Sieve (%)	Organic Matter Content * (%)	Mass Loss on Ignition # (%)	Sulphate Content SO <sub>4</sub>		pH Value φ
							Soil/water extract S (g/l)	Groundwater (g/l)	
H2	B		2.00			++	0.048		8.0
H2	B		4.00			++	0.024		7.0
H3	B		0.90	63		27.3	0.108		8.0
H3	B		1.70			++	0.024		7.0
H5	B		1.60			++	0.036		7.5
H5	B		2.60			++	0.024		7.0
H6	B		2.70			++	0.024		7.5
H7	B		1.00			++	0.060		8.0
H7	B		2.70			++	0.036		8.0
H8	B		1.00			++	0.048		7.5
I9A	B		0.90			++	0.072		8.0
I9A	B		2.70			++	0.048		7.0
P5	B		0.30	70		2.7	0.156		8.0

alkley and Black's dichromate method in accordance with Clause 3 of BS 1377 : Part 3 : 1990.  
Average of three specimens tested in accordance with Clause 4 of BS 1377 : Part 3 : 1990.  
Water soluble sulphate from 2:1 water - soil extract in accordance with Clause 5.5 of BS 1377 : Part 3 : 1990.  
Average of two/three specimens tested in accordance with Clause 9.5 of BS 1377 : Part 3 : 1990.  
Average of three specimens tested in accordance with Clause 4 of BS 1377 : Part 3 : 1990.

faterial non organic.

Interim  
 Validated

ALcontrol Laboratories Ireland  
Table Of Results

Ref Number: 04-B01108/01  
Client: Glover Site Investigations Ltd (Ballymoney)  
Date of Receipt: 09/03/2004  
(of first sample)  
Sample Type: SOIL  
Location:  
Client Contact: Gabriel Gallagher  
Client Ref: 04-080

ALcontrol Reference	Sample Identity	Other ID	Cation Exchange Potential*	Detection Method	ADAS
				Method	Standard
04-B01108-50020	BH 2 - 2.00M	UNKNOWN	10.00	Free/100g	
04-B01108-50021	BH 2 - 4.00M	UNKNOWN	8.60		
04-B01108-50022	BH 2 - 0.90M	UNKNOWN	14.00		
04-B01108-50023	BH 2 - 1.70M	UNKNOWN	7.90		
04-B01108-50024	BH 2 - 2.60M	UNKNOWN	6.50		
04-B01108-50025	BH 5 - 0.50M	UNKNOWN	11.00		
04-B01108-50026	BH 6 - 0.50M	UNKNOWN	7.10		
04-B01108-50027	BH 6 - 2.70M	UNKNOWN	11.00		
04-B01108-50028	BH 7 - 1.00M	UNKNOWN	11.00		
04-B01108-50029	BH 7 - 2.70M	UNKNOWN	11.00		
04-B01108-50030	BH 8 - 1.00M	UNKNOWN	11.00		
04-B01108-50031	BH 8 - 2.00M	UNKNOWN	9.20		
04-B01108-50032	BH 9A - 0.90M	UNKNOWN	14.00		
04-B01108-50033	BH 9A - 2.70M	UNKNOWN	9.30		
04-B01108-50034	TP 5 - 0.30M	UNKNOWN	18.00		

Notes : METHOD DETECTION LIMITS ARE NOT ALWAYS ACHIEVABLE DUE TO VARIOUS CIRCUMSTANCES BEYOND OUR CONTROL.  
THE DATA ON THIS PRELIMINARY REPORT IS NOT VALIDATED AND MAY BE SUBJECT TO CHANGE.  
NDF = NO DETERMINATION POSSIBLE  
NFP = NO FIBRES PRESENT

Checked By: Natalie Duncan

\* SUBCONTRACTED TO OTHER LABORATORY / \*\* SAMPLES ANALYSED AT THE CHESTER LABORATORY

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