

ANALYTICAL REPORT

**Smallpiece
 Hawthbush Farm
 Gunhill
 East Sussex
 TN21 0JY**

Certificate Number: 205537-1 Final

Order Number:

Task Number: 2271

Date Received: 17/10/2013

Date Reported: 25/10/2013

Lab Ref.	Sample Details	Method	Test	Result	Units	Flag
1646111	Description: BOREHOLE	75	Fluoride	0.171	mg F/l	
	Sample Type: WATER	doc	Chlorine - Free	0.06	mg/l	*
	Received Date: 17-OCT-13	doc	Chlorine - Total	0.07	mg/l	*
	Sampling Date: 16-OCT-13	400	E coli	0	mpn/100ml	
		400	Total coliforms	0	mpn/100ml	
		390	Enterococci	0	cfu/100ml	
		730	Aluminium	<4.4	µg Al/l	
		735	Cadmium	<0.08	µg Cd/l	
		735	Chromium	<0.5	µg Cr/l	
		730	Copper	0.009	mg Cu/l	
		730	Iron	34.0	µg Fe/l	
		730	Lead	2.6	µg Pb/l	
		730	Manganese	2.8	µg Mn/l	
		730	Nickel	3.2	µg Ni/l	
		730	Zinc	27.8	µg Zn/l	
		235	Alkalinity	210.0	mg HCO3/l	
		255	Ammonium (Ammonia and Ammonium Ions)	0.088	mg NH4/l	
		215	Chloride	25.70	mg Cl/l	
		245	Nitrate	<0.6	mg NO3/l	
		225	Nitrite	<0.006	mg NO2/l	
		205	Total Hardness	72.8	mg Ca/l	
		270	Phosphorus-SRP	<25.0	µg P/l	
		660	Colour	<1	mg/l Pt/Co	
		660	Conductivity	408	µS/cm	
		660	Hydrogen Ion (pH)	6.9	pH_unit	
		650	Turbidity	0.135	NTU	
		770	Silver	4.48	µg Ag/l	
		430	Colony Count 3days at 22°C	43	cfu/ml	
		430	Colony Count 24hrs at 37°C	52	cfu/ml	

Disclaimers:

Unless otherwise stated, all results are expressed on an as received basis.

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

ext - Analysis subcontracted to an external laboratory

doc - individually documented method, details available on request

F - result exceeds the maximum PCV as defined in the Water Supply (Water Quality) Regulations 2000

* - denotes non UKAS accredited method

A result of 0 cfu denotes none found in volume analysed

The start date of analytical testing and Uncertainty of Measurement are available on request

All analytical quality control associated with these results was satisfactory, details are available on request



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Richard Brown
Laboratory Manager

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