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## **Analytical Report Number : 19-71870**

<b>Project / Site name:</b>	Stoney Hill	<b>Samples received on:</b>	14/11/2019
<b>Your job number:</b>	EI 236	<b>Samples instructed on:</b>	14/11/2019
<b>Your order number:</b>		<b>Analysis completed by:</b>	22/11/2019
<b>Report Issue Number:</b>	1	<b>Report issued on:</b>	22/11/2019
<b>Samples Analysed:</b>	1 water sample		



Senior Quality Specialist

**For & on behalf of i2 Analytical Ltd.**

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

Excel copies of reports are only valid when accompanied by this PDF certificate.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement. Application of uncertainty of measurement would provide a range within which the true result lies. An estimate of measurement uncertainty can be provided on request.

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<b>Lab Sample Number</b>				1362161				
<b>Sample Reference</b>				W142				
<b>Sample Number</b>				None Supplied				
<b>Depth (m)</b>				2.72				
<b>Date Sampled</b>				08/11/2019				
<b>Time Taken</b>				1115				
<b>Analytical Parameter (Water Analysis)</b>	<b>Units</b>	<b>Limit of detection</b>	<b>Accreditation Status</b>					

**PCBs by GC-MS**

PCB Congener 28	µg/l	0.02	NONE	< 0.02				
PCB Congener 52	µg/l	0.02	NONE	< 0.02				
PCB Congener 101	µg/l	0.02	NONE	< 0.02				
PCB Congener 118	µg/l	0.02	NONE	< 0.02				
PCB Congener 138	µg/l	0.02	NONE	< 0.02				
PCB Congener 153	µg/l	0.02	NONE	< 0.02				
PCB Congener 180	µg/l	0.02	NONE	< 0.02				

**PCBs by GC-MS**

Total PCBs	µg/l	0.14	NONE	< 0.14				
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**PCBs – WHO12**

PCB Congener 77	µg/l	0.02	NONE	< 0.020				
PCB Congener 81	µg/l	0.02	NONE	< 0.020				
PCB Congener 105	µg/l	0.02	NONE	< 0.020				
PCB Congener 114	µg/l	0.02	NONE	< 0.020				
PCB Congener 118	µg/l	0.02	NONE	< 0.020				
PCB Congener 123	µg/l	0.02	NONE	< 0.020				
PCB Congener 126	µg/l	0.02	NONE	< 0.020				
PCB Congener 156	µg/l	0.02	NONE	< 0.020				
PCB Congener 157	µg/l	0.02	NONE	< 0.020				
PCB Congener 167	µg/l	0.02	NONE	< 0.020				
PCB Congener 169	µg/l	0.02	NONE	< 0.020				
PCB Congener 189	µg/l	0.02	NONE	< 0.020				
Total PCBs	µg/l	0.3	NONE	< 0.300				

U/S = Unsuitable Sample I/S = Insufficient Sample

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**Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Water (PrW)**

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
PCB's By GC-MS in water	Determination of PCB by extraction with acetone and hexane followed by GC-MS.	In-house method based on USEPA 8082	L028-PL	W	NONE

**For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.**

**For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.**

**Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.**