

	Results	WHO Drinking Water limits	Limits Exceeded (Y/N)
Sample_ID	S30_2018		
Sampling date	29.05.2018		
Location ID	Cockle Park Farm		
Sample description	H -Borehole, adjacent to A and 150m deep		
Sample Source	Borehole - Groundwater		
Label	BH		
Latitude	55.211967		
Longitude	-1.6855665		
Sea Level (mAOD)	91.25		
Depth below ground (m)	75		
pH			
Temp (degC)			
Salinity (ppm)			
TDS (mg/l)			
Conductivity (uS)			
Alkalinity (mg/L CaCO3)			
Faecal Coliforms (count/100ml)	0	0	N
Aluminium (mg/l)	0.017	0.2	N
Ammonium (mg/l)	0.442	<i>Not of health concerns at levels found in drinking water</i>	N
Antimony (mg/l)	0.005	0.02	N
Arsenic (mg/l)	0.005	0.01	N
Barium (mg/l)	0.229	1.3	N
Bromide (mg/l)		6	N
Cadmium (mg/l)	0.000	0.003	N
Calcium (mg/l)	4.415	100-300	N
Chloride (mg/l)	17.660	250	N
Chromium (mg/l)	0.001	0.05	N
Copper (mg/l)	0.001	2	N
Fluoride (mg/l)	1.263	1.5	N

Iron (mg/l)	0.002	2	N
Lead (mg/l)	0.005	0.01	N
Magnesium (mg/l)	1.089	<i>Not of health concerns at levels found in drinking water</i>	N
Manganese (mg/l)	0.006	0.4	N
Nickel (mg/l)	0.001	0.07	N
Nitrate (mg/l) (HACH)	2.435	50	N
Nitrate.1 (mg/l) (Ion Chrom)	3.521	50	N
Nitrite (mg/l) (HACH)	0.103	3	N
Nitrite.1 (mg/l) (Ion Chrom)	0.095	3	N
Phosphate (mg/l)	2.340	<i>Not of health concerns at levels found in drinking water</i>	N
Potassium (mg/l)	4.047	<i>Not of health concerns at levels found in drinking water</i>	N
Silicon (mg/l)	3.901	<i>Not of health concerns at levels found in drinking water</i>	N
Sodium (mg/l)	168.786	200	N
Strontium (mg/l)	0.079	4	N
Sulphate (mg/l)	8.025	500	N
Zinc (mg/l)	0.002	<i>Not of health concerns at levels found in drinking water</i>	N
TOC (mg/l)			
TIC (mg/l)			
UV abs 200 (cm-1)	0.483		
UV abs 210 (cm-1)	0.234		
UV abs 220 (cm-1)	0.107		
UV abs 230 (cm-1)	0.036		
UV abs 254 (cm-1)	0.007		
UV abs 260 (cm-1)	0.006		
UV abs 280 (cm-1)	0.003		
UV abs 300 (cm-1)	0.002		
Total Coliforms (total count)	10.5		

Putative Pathogens - Human E.coli (total count)			
Putative Pathogens - Total E.coli (total count)			
Putative Pathogens - Total Coliform (total count)			
Total Bacteria (total count)			
Enterococci (count/100ml)			
Contaminants	Water considered safe on date of sample		
Health Effects			
Treatments			