

Report Number: GSB18T-40

Test Report

Submitted Department: School of Environmental Studies, China

University of Geosciences (Wuhan)



Sample Type: Water

Test Category: Commission Test

Test Item: Carbon-14

The Report Data: 18 July, 2018

Approver: Linzhan Chen

Mineral Groundwater and Environmental Monitoring

Center, Ministry of Land and Resources

(Institute of Hydrogeology and Environmental Geology,

Chinese Academy of Geological Sciences)

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Sample Quantity		1	Batch Number		18T-40
Test Category		Commission Test	Test Method		DZ/T0184.9-1997
Receiving Date		2018/03/23	Report Date		2018/07/18
Main Test Instrument	Name	Ultra-low background liquid scintillation spectrometer	Test Environment	Temperature	20℃
	Type	PE 1220 QUANTULUS		Humidity	30%
Number	Sample's Lab ID	Original Sample ID	Analytic Result		Remarks
			Modern Carbon Percentage(%)	Apparent Age (Ka)	
1	18T-40-319	R1	7.52±0.45	21.39±0.50	
The followings are blanks					
<p>Note: 1 The half-life of carbon-14 for apparent age calculation is 5730 years. 2 The reported results adopt extended uncertainty, and the fiducial probability is about 95%. 3 "Ka" is a thousand years.</p>					