

	Basal_Aquifer -	Dike_Aquifer -	Soil -
Proteobacteria -	37.5	27.4	35.2
Actinobacteria -	2.2	0.7	25.9
Acidobacteria -	3.7	2.5	15.2
Nitrospirae -	12.7	12.6	1.5
Omnitrophica -	12.3	14.2	0
Bacteroidetes -	7.1	9.4	5.2
Chloroflexi -	4.7	1.9	3.7
Planctomycetes -	2.1	2.8	3.5
Parcubacteria -	4.4	7.2	0.1
Gemmatimonadetes -	0.6	0.4	3.5

A

	Basal_Aquifer -	Dike_Aquifer -	Soil -
Proteobacteria; Bradyrhizobium -	0.8	0.3	6.1
Nitrospirae; Leptospirillum -	4.3	8.4	0
Omnitrophica; Candidatus Omnitrophus -	2.9	3.5	0
Bacteroidetes; Sediminibacterium -	3	0.3	0.3
Acidobacteria; RB41 -	0.1	0.1	2.8
Nitrospirae; f__0319-6A21_OTU_47 -	2.7	0.5	0
Nitrospirae; Nitrospira -	1.7	1.5	0.5
Proteobacteria; Sphingomonas -	0.3	0.1	1.7
Actinobacteria; Mycobacterium -	1.5	0.2	0.5
Proteobacteria; H16 -	1.2	0.5	0.7

B

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18 Figure S4 Relative abundance of top ten phyla (A) and genera (B) in the aquifer (basal and dike) and soil samples.