

Article Title: An assessment of inter-observer agreement in water source classification and sanitary risk observations

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	Piped to premise s	Stand pipe	Bore hole	Prote cted well	Unprot ected well	Unprotecte d spring	Rainwater	Surfac e water	Water kiosk	Mixed rainwater & piped	Burst pipe	Unprotected spring feeding water pan	Tota l
Piped to premises	66	2	0	0	0	0	0	0	0	0	0	0	68
Standpipe	3	17	0	0	0	0	0	0	0	0	0	0	20
Borehole	5	0	9	2	0	0	0	0	0	0	0	0	16
Protected well	0	0	3	61	2	0	0	1	0	1	0	0	68
Unprotected well	0	0	0	0	0	0	0	0	0	0	0	0	0
Unprotected spring	0	0	0	0	0	3	0	0	0	0	0	1	4
Rainwater	0	0	0	0	0	0	171	0	0	5	0	0	176
Surface water	0	0	0	1	0	0	0	123	0	0	0	0	124
Water kiosk	1	10	0	0	0	0	0	0	17	0	0	0	28
Mixed rainwater & piped	9	1	0	0	0	0	5	0	0	32	0	0	47
Burst pipe	0	0	0	0	0	0	0	0	0	0	8	0	8
Unprotected spring feeding water pan	0	0	0	0	6	12	0	2	0	0	0	0	20
Total	84	30	12	64	8	15	176	126	17	38	8	1	579
% agreement with experienced observer	78.57%	56.67%	75.00%	95.31%	0.00%	20.00%	97.16%	97.62%	100.00%	84.21%	100.00%	0.00%	

Online Resource 1: Cross-tabulation of water source type classification made by the most experienced observer (JOO - rows) versus four less experienced observers (columns) for 146 water sources during the second visit.