

Annex 1.6: Heavy metals Rainy season 2004.

Sample Name	X	Y	Type	Heavy metals in [mg/l] *				
	(UTM)	(UTM)		Arsenic	Cadmium	Copper	Lead	Nickel
R04-F-BRI-3	338470	1104932	footpump	0	0	0.005	0.001	0.005
R04-F-FOB-2	425992	1118195	footpump	< 0.002	0	0.009	0.001	0.007
R04-F-HVO-11	368231	1094900	footpump	< 0.001	0	0.005	0.001	0.001
R04-F-HVO-2	365564	1074180	footpump	0	0	0.002	0.001	0
R04-F-HVO-4	438147	1078043	footpump	< 0.005	0	0.001	0	0.004
R04-F-HVO-5	360249	1085285	footpump	< 0.002	0	0	0	0
R04-F-HVO-7	345041	1011265	footpump	< 0.005	0	0.02	0.004	0.004
R04-F-HVO-8	350850	1072648	footpump	< 0.005	0	0.006	0.002	0
R04-F-MGR-2	438957	1083616	footpump	< 0.002	0	0.003	0	0.001
R04-F-SRO-1	447871	1109470	footpump	< 0.002	0.001	0.006	0.001	0.002
R04-F-TOM-2	439911	1115216	footpump	< 0.003	0	0.003	0	0.001
R04-H-GGA-1	384571	1077531	handpump	0	0	0.003	0.001	0
R04-H-KKP-2	445529	1003577	handpump	< 0.001	0	0.005	0.002	0
R04-H-KOM-2	459456	1046260	handpump	< 0.005	0	0.005	0.001	0
R04-H-KPS-P	409973	1028012	handpump	0	0	0.009	0.002	0
R04-H-OUE-2	460079	1082047	handpump	< 0.002	0	0.001	0	0
R04-H-PTA-1	332360	1031266	handpump	< 0.005	0	0.005	0.001	0.002
R04-H-SAS-1	394435	1129368	handpump	< 0.001	0	0.002	0.002	0
R04-H-SIN-1	411788	1123427	handpump	< 0.001	0	0.002	0	0
R04-H-SIR-P	357472	1068612	handpump	0	0	0.003	0	0.001
R04-H-WARI-P	407864	1013209	handpump	0	0	0.002	0	0.001
R04-H-WER-2	447384	1076334	handpump	< 0.002	0	0.002	0	0

R04-P-NAL-1	347124	1077311	piezometer	< 0.005	0	0.005	0.004	0.006
R04-W-ALF-1	434335	998041	well	< 0.002	0	0.03	0.002	0
R04-W-BANI	424768	1012407	well	0	0	0.005	0.001	0
R04-W-BDOG-1	383221	1006210	well	< 0.002	0	0.001	0	0.006
R04-W-BDOG-2	383034	1006505	well	< 0.003	0	0	0	0.005
R04-W-BIS-1	407222	1079943	well	< 0.001	0	0.001	0.001	0
R04-W-BODI	342672	1036773	well	< 0.005	0	0.005	0	0
R04-W-BOR-2	437712	1077846	well	< 0.001	0	0.002	0.001	0
R04-W-DDU-1	360617	1076428	well	< 0.001	0	0.007	0	0.003
R04-W-GAN-2	371950	1089793	well	< 0.002	0	0.001	0	0.001
R04-W-GOS-1	396533	1077975	well	< 0.002	0	0.002	0.001	0
R04-W-GRO-1	385472	1123526	well	< 0.001	0	0.001	0	0
R04-W-GUE-1	461405	1109699	well	< 0.002	0	0.002	0	0
R04-W-KAKI-S	426212	1018523	well	< 0.001	0	0.001	0	0
R04-W-KAR-2	445010	1100335	well	< 0.002	0	0.003	0	0.002
R04-W-KBG-1	343561	1082842	well	0	0	0.003	0	0.002
R04-W-KIK-6	360482	996377	well	0.006	0	0.002	0	0.001
R04-W-MNG-2	359440	992278	well	0	0	0.001	0	0
R04-W-OSA-1	349599	1063068	well	< 0.005	0	0.003	0.001	0
R04-W-OUB-1	415582	1018124	well	0	0	0.005	0.001	0.001
R04-W-OUN-1	395714	997962	well	0	0	0.003	0	0.001
R04-W-PELE-1	350353	1047339	well	< 0.005	0	0.004	0	0
R04-W-PEN	340817	1022222	well	< 0.005	0	0.008	0.003	0.008
R04-W-SEB-7	444271	1029672	well	< 0.05	0	0.003	0	0
R04-W-TAR-2	466791	1076529	well	< 0.005	0	0.003	0	0.002
R04-W-TCH-1	451119	1009028	well	< 0.005	0	0.003	0.002	0
R04-W-TKK-1	335179	1090133	well	< 0.001	0	0.003	0.001	0.005
R04-W-VAN-1	370763	1057500	well	< 0.002	0	0.01	0.001	0.006

R04-W-WEWE-2	402574	1038088	well	< 0.002	0	0.01	0.008	0.001
R04-BET -BR	419455	1016912	river	< 0.001	0	0.005	0.001	0
R04-DJO-BR	352372	1070659	lake	< 0.002	0	0.002	0	0.001
<b>Limit**</b>				<b>0.01</b>	<b>0.003</b>	<b>2</b>	<b>0.01</b>	<b>0.02</b>

\* All measurements were made with the graphite tube atomic absorption spectrometry.

\*\* Upper limits for drinking-water. WHO (2004).

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