

Annex 1.7: Heavy metals Dry season 2005.

Sample Name	X	Y	Type	Heavy metals in [mg/l] *				
	(UTM)	(UTM)		Arsenic	Cadmium	Copper	Lead	Nickel
D05-F-BRI-3	338470	1104932	footpump	<0.001	<0.001	0.003	<0.001	0.002
D05-F-DSA-1	409369	860932	footpump	0	<0.001	0.002	<0.001	<0.001
D05-F-FOB-2	425992	1118195	footpump	0	0	0.001	<0.001	0.003
D05-F-GNG-1	494107	1057124	footpump	0.002	<0.001	0.003	0.002	0.005
D05-F-GUI-1	426137	837695	footpump	0.003	<0.001	0.003	<0.001	0
D05-F-HVO-11	368231	1094900	footpump	0	<0.001	0.004	<0.001	<0.001
D05-F-HVO-2	365564	1074180	footpump	<0.001	0	0.002	0.001	<0.001
D05-F-HVO-4	438147	1078043	footpump	<0.001	<0.001	0.001	<0.001	0.005
D05-F-HVO-5	360249	1085285	footpump	0	0	0.003	<0.001	<0.001
D05-F-HVO-7	345041	1011265	footpump	<0.001	<0.001	<0.001	<0.001	0
D05-F-HVO-8	350850	1072648	footpump	<0.001	<0.001	0.003	<0.001	0
D05-F-MGR-2	438957	1083616	footpump	<0.001	<0.001	<0.001	<0.001	<0.001
D05-F-MNG-P	361127	992158	footpump	<0.001	0	0.003	<0.001	<0.001
D05-F-PPC-1	453916	1079102	footpump	0	0	0.004	<0.001	<0.001
D05-F-PRE-1	499279	1083351	footpump	<0.001	<0.001	0.002	0.001	0.001
D05-F-PTA-1	332360	1031266	footpump	<0.001	<0.001	0.001	<0.001	0.005
D05-F-SRO-1	447871	1109470	footpump	0	0	<0.001	<0.001	0.001
D05-F-TAR-2	466791	1076529	footpump	0	<0.001	<0.001	<0.001	<0.001
D05-H-AIO-1	421221	829165	handpump	0	<0.001	0.003	<0.001	<0.001
D05-H-BAN-1	378393	929620	handpump	<0.001	<0.001	0.002	<0.001	0.005
D05-H-BIS-2	406641	1079754	handpump	0	<0.001	0.003	0.001	<0.001
D05-H-CHO-1	454977	929016	handpump	<0.001	<0.001	0.002	<0.001	0.002
D05-H-DAC-P	337697	1074161	handpump	0.002	<0.001	0.004	0.001	<0.001

D05-H-GGA-1	384571	1077531	handpump	0	<0.001	0.002	0.002	<0.001
D05-H-IGB-2	380114	1003884	handpump	<0.001	<0.001	0.001	0.001	0.001
D05-H-KAK-P2	426767	1018834	handpump	0.002	<0.001	<0.001	<0.001	0
D05-H-KBG-2	343644	1082896	handpump	<0.001	<0.001	0.15	<0.001	0.001
D05-H-KKP-2	445529	1003577	handpump	<0.001	<0.001	0.003	0.004	0.002
D05-H-KOM-2	459456	1046260	handpump	0.002	0	0.003	<0.001	0.001
D05-H-KPS-P	409973	1028012	handpump	<0.001	<0.001	0.007	<0.001	<0.001
D05-H-NIK-2	523323	1098328	handpump	<0.001	<0.001	0.002	0.002	<0.001
D05-H-OUE-2	460079	1082047	handpump	<0.001	<0.001	0.001	<0.001	<0.001
D05-H-OUN-P	395894	997902	handpump	<0.001	<0.001	0.003	0.003	0.001
D05-H-PRA-1	463055	1031511	handpump	<0.001	<0.001	0.003	0.002	0.002
D05-H-SAS-1	394435	1129368	handpump	0	0	0.001	<0.001	<0.001
D05-H-SEB-P	443940	1029716	handpump	0.002	<0.001	<0.001	<0.001	<0.001
D05-H-SIN-1	411788	1123427	handpump	0	<0.001	0.001	<0.001	0
D05-H-SIR-P	357472	1068612	handpump	<0.001	0	0.001	<0.001	0
D05-H-SVE-2	445062	887447	handpump	0.005	<0.001	0.004	<0.001	0.027
D05-H-SVL-1	387585	877658	handpump	<0.001	<0.001	0.002	<0.001	0
D05-H-TCO-1	455654	983394	handpump	0	<0.001	0.002	<0.001	<0.001
D05-H-TOM-2	439911	1115216	handpump	0	<0.001	0.002	<0.001	0.002
D05-H-TOR-P2	449830	1033059	handpump	<0.001	<0.001	<0.001	<0.001	0
D05-H-VAN-1	370763	1057500	handpump	<0.001	0	0.003	<0.001	<0.001
D05-H-WARI-P	407864	1013209	handpump	<0.001	<0.001	0.003	0.002	0.002
D05-W-ALF-1	434335	998041	well	<0.001	<0.001	0.008	0.002	0.003
D05-W-BANI	424768	1012407	well	0	<0.001	0.003	<0.001	0.002
D05-W-BDOG-1	383221	1006210	well	0.002	<0.001	0.002	<0.001	0.005
D05-W-BDOG-2	383034	1006505	well	0	0	<0.001	<0.001	0.004
D05-W-BODI	342672	1036773	well	<0.001	<0.001	0.002	0.001	<0.001
D05-W-DDU-1	360617	1076428	well	<0.001	<0.001	0.002	0.001	0.001

D05-W-GRO-1	385472	1123526	well	0	<0.001	0.002	<0.001	<0.001
D05-W-GUE-1	461405	1109699	well	0	0	0.001	<0.001	<0.001
D05-W-KAKI-S	426212	1018523	well	0.003	<0.001	0.002	0.002	<0.001
D05-W-KAR-2	445010	1100335	well	0.003	<0.001	0.02	0.001	<0.001
D05-W-KIK-6	360482	996377	well	<0.001	<0.001	0.004	0.005	<0.001
D05-W-OSA-1	349599	1063068	well	0	<0.001	<0.001	0.001	0
D05-W-OUB-1	415582	1018124	well	<0.001	<0.001	0.002	<0.001	<0.001
D05-W-PELE-1	350353	1047339	well	0	<0.001	0.001	<0.001	0.008
D05-W-PEN	340817	1022222	well	<0.001	<0.001	0.001	0.001	0.005
D05-W-SON-3	420535	1080105	well	0	<0.001	0.003	0.001	0.003
D05-W-WEWE-2	402574	1038088	well	<0.001	0	<0.001	<0.001	<0.001
D05-BAS-BR	354845	996033	lake	<0.001	<0.001	0.002	<0.001	<0.001
D05-BET -BR	419455	1016912	river	0.002	0	0.002	<0.001	<0.001
D05-DJO-BR	352372	1070659	lake	<0.001	0	0.003	<0.001	0.001
D05-OKP-1	470614	1026203	lake	0	<0.001	0.001	0.001	<0.001
Limit**				0.01	0.003	2	0.01	0.02

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

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

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