

No.	Borehole/ test pit	District Municipality	Local Municipality	10 000 Aerial Photos	1:50000 Topographical Map	Traditional Authority
Test Pits for pipeline						
0	PL01	Umgungundlovu	Richmond	2930CD_03	2930CD	-
1	PL02	Umgungundlovu	Richmond	2930CD_03	2930CD	-
2	PL03	Umgungundlovu	Richmond	2930CD_03	2930CD	-
3	PL04	Umgungundlovu	Richmond	2930CD_03	2930CD	-
4	PL05	Umgungundlovu	Richmond	2930CD_03	2930CD	-
5	PL06	Umgungundlovu	Richmond	2930CD_03	2930CD	-
6	PL07	Umgungundlovu	Richmond	2930CD_03	2930CD	-
7	PL08	Umgungundlovu	Richmond	2930CD_03	2930CD	-
8	PL09	Umgungundlovu	Richmond	2930CD_03	2930CD	-
9	PL10	Umgungundlovu	Richmond	2930CD_03	2930CD	-
10	PL11	Umgungundlovu	Richmond	2930CD_03	2930CD	-
11	PL12	Umgungundlovu	Richmond	2930CD_03	2930CD	-
12	PL13	Umgungundlovu	Richmond	2930CD_03	2930CD	-
13	PL14	Umgungundlovu	Richmond	2930CD_03	2930CD	-
14	PL15	Umgungundlovu	Richmond	2930CD_03	2930CD	-
15	PL16	Umgungundlovu	Richmond	2930CD_03	2930CD	-
16	PL17	Umgungundlovu	Richmond	2930CD_03	2930CD	-
17	PL18	Umgungundlovu	Richmond	2930CD_03	2930CD	-
18	PL19	Umgungundlovu	Richmond	2930CD_03	2930CD	-
19	PL20	Umgungundlovu	Richmond	2930CD_03	2930CD	-
20	PL21	Umgungundlovu	Richmond	2930CD_03	2930CD	-
21	PL22	Umgungundlovu	Richmond	2930CD_03	2930CD	-
22	PL23	Umgungundlovu	Richmond	2930CD_03	2930CD	-
23	PL24	Umgungundlovu	Richmond	2930CD_03	2930CD	-
24	PL25	Umgungundlovu	Richmond	2930CD_04	2930CD	-
25	PL26	Umgungundlovu	Richmond	2930CD_04	2930CD	-
26	PL27	Umgungundlovu	Richmond	2930CD_04	2930CD	-
27	PL28	Umgungundlovu	Richmond	2930CD_04	2930CD	-
28	PL29	Umgungundlovu	Richmond	2930CD_04	2930CD	-
29	PL30	Umgungundlovu	Richmond	2930CD_04	2930CD	-
30	PL31	Umgungundlovu	Mkhambathini	2930CD_04	2930CD	-
31	PL32	Umgungundlovu	Mkhambathini	2930CD_04	2930CD	-
32	PL33	Umgungundlovu	Mkhambathini	2930CD_04	2930CD	-
33	PL34	Umgungundlovu	Mkhambathini	2930CD_04	2930CD	-
34	PL35	Umgungundlovu	Mkhambathini	2930CD_04	2930CD	-
35	PL36	Umgungundlovu	Mkhambathini	2930CD_04	2930CD	-
36	PL37	Umgungundlovu	Mkhambathini	2930CD_04	2930CD	-
37	PL38	Umgungundlovu	Mkhambathini	2930CD_04	2930CD	-
38	PL39	Umgungundlovu	Mkhambathini	2930CD_04	2930CD	-
39	PL40	Umgungundlovu	Mkhambathini	2930CD_04	2930CD	-
40	PL41	Umgungundlovu	Mkhambathini	2930CD_04	2930CD	-
41	PL42	Umgungundlovu	Mkhambathini	2930CD_04	2930CD	-
42	PL43	Umgungundlovu	Mkhambathini	2930CD_04	2930CD	-
43	PL44	Umgungundlovu	Mkhambathini	2930CD_04	2930CD	-
44	PL45	Umgungundlovu	Mkhambathini	2930CD_04	2930CD	-
45	PL46	Umgungundlovu	Mkhambathini	2930CD_04	2930CD	-
46	PL47	Umgungundlovu	Mkhambathini	2930CD_04	2930CD	-

47	PL48	Umgungundlovu	Mkhambathini	2930CD_05	2930CD	-
48	PL49	Umgungundlovu	Mkhambathini	2930CD_05	2930CD	-
49	PL50	Umgungundlovu	Mkhambathini	2930CB_25	2930CB	-
50	PL51	Umgungundlovu	Mkhambathini	2930CB_25	2930CB	-
51	PL52	Umgungundlovu	Mkhambathini	2930CB_25	2930CB	-
52	PL53	Umgungundlovu	Mkhambathini	2930CB_25	2930CB	-
53	PL54	Umgungundlovu	Mkhambathini	2930CB_25	2930CB	-
54	PL55	Umgungundlovu	Mkhambathini	2930CB_25	2930CB	-
55	PL56	Umgungundlovu	Mkhambathini	2930CB_25	2930CB	-
56	PL57	Umgungundlovu	Mkhambathini	2930CB_25	2930CB	-
57	PL58	Umgungundlovu	Mkhambathini	2930CB_25	2930CB	-
58	PL59	Umgungundlovu	Mkhambathini	2930CB_25	2930CB	-
59	PL60	Umgungundlovu	Mkhambathini	2930CB_25	2930CB	-
60	PL61	Umgungundlovu	Mkhambathini	2930CB_25	2930CB	-
61	PL62	Umgungundlovu	Mkhambathini	2930CB_25	2930CB	-
62	PL63	Umgungundlovu	Mkhambathini	2930CB_25	2930CB	-
63	PL64	Umgungundlovu	Mkhambathini	2930CB_25	2930CB	-
64	PL65	Umgungundlovu	Mkhambathini	2930CB_25	2930CB	-
65	PL66	Umgungundlovu	Mkhambathini	2930CB_25	2930CB	-
66	PL67	Umgungundlovu	Mkhambathini	2930CB_25	2930CB	-
67	PL68	Umgungundlovu	Mkhambathini	2930CB_25	2930CB	-
68	PL69	Umgungundlovu	Mkhambathini	2930DA_21	2930DA	-
69	PL70	Umgungundlovu	Mkhambathini	2930DA_21	2930DA	-
70	PL71	Umgungundlovu	Mkhambathini	2930DA_21	2930DA	-
71	PL72	Umgungundlovu	Mkhambathini	2930DA_21	2930DA	-
72	PL73	Umgungundlovu	Mkhambathini	2930DA_21	2930DA	-
73	PL74	Umgungundlovu	Mkhambathini	2930DA_21	2930DA	-

Test Pits for Water Treatment Works						
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0	WTW05	Umgungundlovu	Richmond	2930CD_03	2930CD	-
1	WTW04	Umgungundlovu	Richmond	2930CD_03	2930CD	-
2	WTW03	Umgungundlovu	Richmond	2930CD_03	2930CD	-
3	WTW02	Umgungundlovu	Richmond	2930CD_03	2930CD	-
4	WTW01	Umgungundlovu	Richmond	2930CD_03	2930CD	-
5	WTW06	Umgungundlovu	Richmond	2930CD_03	2930CD	-
6	WTW07	Umgungundlovu	Richmond	2930CD_03	2930CD	-
7	WTW08	Umgungundlovu	Richmond	2930CD_03	2930CD	-
8	WTW09	Umgungundlovu	Richmond	2930CD_03	2930CD	-
9	WTW10	Umgungundlovu	Richmond	2930CD_03	2930CD	-
10	WTW11	Umgungundlovu	Richmond	2930CD_03	2930CD	-

Area/Town	Property description				X (South) coordinate
	Farm name	Erf	Portion	SG CODE	
-	Nels Rust	849	0	NOFT0000000084900000	-62,995.38
-	Nels Rust	849	0	NOFT0000000084900000	-62,789.82
-	Nels Rust	849	0	NOFT0000000084900000	-62,632.47
-	Brasfort Park	1295	22	NOFT00000000129500022	-62,369.88
-	Brasfort Park	1295	22	NOFT00000000129500022	-62,183.67
-	Brasfort Park	1295	26	NOFT00000000129500026	-62,019.50
-	Brasfort Park	1295	26	NOFT00000000129500026	-61,892.40
-	Brasfort Park	1295	24	NOFT00000000129500024	-61,699.38
-	Brasfort Park	1295	24	NOFT00000000129500024	-61,509.79
-	Brasfort Park	1295	54	NOFT00000000129500054	-61,328.40
-	Brasfort Park	1295	20	NOFT00000000129500020	-61,218.09
-	Brasfort Park	1295	47	NOFT00000000129500047	-61,122.55
-	Brasfort Park	1295	47	NOFT00000000129500047	-60,975.96
-	Brasfort Park	1295	6	NOFT00000000129500006	-60,788.32
-	Brasfort Park	1295	6	NOFT00000000129500006	-60,418.96
-	Brasfort Park	1295	6	NOFT00000000129500006	-60,165.19
-	Brasfort Park	1295	6	NOFT00000000129500006	-59,929.04
-	Brasfort Park	1295	6	NOFT00000000129500006	-59,473.35
-	Brasfort Park	1295	6	NOFT00000000129500006	-59,020.82
-	Brasfort Park	1295	6	NOFT00000000129500006	-58,927.89
-	Hopewell	881	5	NOFT0000000088100005	-58,767.05
-	Hopewell	881	5	NOFT0000000088100005	-58,488.79
-	Hopewell	881	5	NOFT0000000088100005	-58,239.75
-	Hopewell	881	6	NOFT0000000088100006	-58,000.70
-	Hopewell	881	6	NOFT0000000088100006	-57,728.24
-	Hopewell	881	43	NOFT0000000088100043	-57,483.33
-	Hopewell	881	43	NOFT0000000088100043	-57,287.81
-	Hopewell	881	43	NOFT0000000088100043	-57,133.02
-	Hopewell	881	43	NOFT0000000088100043	-56,910.67
-	Hopewell	881	43	NOFT0000000088100043	-56,685.74
-	New Leeds	17536	1	NOFT00000001753600001	-56,368.61
-	Morning Sun	17790	0	NOFT00000001779000000	-56,237.87
-	Morning Sun	17790	0	NOFT00000001779000000	-56,059.59
-	Umlaas Poort	1174	20	NOFT00000000117400020	-55,754.99
-	Umlaas Poort	1174	20	NOFT00000000117400020	-55,419.87
-	Umlaas Poort	1174	20	NOFT00000000117400020	-55,218.64
-	Umlaas Poort	1174	20	NOFT00000000117400020	-55,038.21
-	Umlaas Poort	1174	14	NOFT00000000117400014	-54,892.22
-	Crookes	15723	3	NOFT00000001572300003	-54,749.67
-	Crookes	15723	3	NOFT00000001572300003	-54,530.37
-	-	17667	0	NOFT00000001766700000	-54,268.72
-	-	17667	0	NOFT00000001766700000	-54,007.84
-	-	17667	0	NOFT00000001766700000	-53,799.29
-	-	17667	0	NOFT00000001766700000	-53,624.17
-	Crookes	15723	3	NOFT00000001572300003	-53,535.55
-	Crookes	15723	3	NOFT00000001572300003	-53,304.92
-	Crookes	15723	3	NOFT00000001572300003	-53,044.84

-	Crookes	15723	3	NOFT00000001572300003	-52,869.98
-	Crookes	15723	3	NOFT00000001572300003	-52,711.67
-	Crookes	15723	3	NOFT00000001572300003	-52,504.20
-	Crookes	15723	3	NOFT00000001572300003	-52,341.16
-	Crookes	15723	3	NOFT00000001572300003	-52,144.97
-	Crookes	15723	3	NOFT00000001572300003	-51,956.68
-	Crookes	15723	3	NOFT00000001572300003	-51,754.47
-	Crookes	18003	0	NOFT00000001800300000	-51,519.64
-	Crookes	18003	0	NOFT00000001800300000	-51,309.27
-	Crookes	18003	0	NOFT00000001800300000	-51,101.52
-	Crookes	18003	0	NOFT00000001800300000	-50,767.51
-	Crookes	18003	0	NOFT00000001800300000	-50,575.79
-	Crookes	15723	0	NOFT00000001572300000	-50,284.39
-	Crookes	15723	0	NOFT00000001572300000	-50,031.63
-	Crookes	15723	0	NOFT00000001572300000	-49,771.77
-	Crookes	15723	0	NOFT00000001572300000	-49,511.65
-	Crookes	15723	0	NOFT00000001572300000	-49,271.79
-	Crookes	15723	0	NOFT00000001572300000	-49,046.38
-	Crookes	15723	0	NOFT00000001572300000	-48,896.46
-	Crookes	15723	0	NOFT00000001572300000	-48,693.05
-	Umlaas Road	30	0	NOFT03550000003000000	-48,567.01
-	Umlaas Road	30	0	NOFT03550000003000000	-48,229.04
-	Umlaas Road	1330	151	NOFT00000000133000151	-48,098.54
-	Umlaas Road	44	0	NOFT03550000004400000	-47,961.97
-	Umlaas Road	1330	0	NOFT00000000133000000	-47,791.71
-	Umlaas Road	41	6	NOFT03550000004100006	-47,738.31
-	Umlaas Road	41	6	NOFT03550000004100006	-47,647.58

-	Nels Rust	849	0	NOFT00000000084900000	-63779.816
-	Nels Rust	849	0	NOFT00000000084900000	-63800.863
-	Nels Rust	849	0	NOFT00000000084900000	-63652.276
-	Nels Rust	849	0	NOFT00000000084900000	-63420.717
-	Nels Rust	849	0	NOFT00000000084900000	-63265.059
-	Nels Rust	849	0	NOFT00000000084900000	-63596.005
-	Nels Rust	849	0	NOFT00000000084900000	-63473.726
-	Nels Rust	849	0	NOFT00000000084900000	-63783.236
-	Nels Rust	849	0	NOFT00000000084900000	-63523.121
-	Nels Rust	849	0	NOFT00000000084900000	-63652.623
-	Nels Rust	849	0	NOFT00000000084900000	-63622.848

Y (East) coordinate	Latitude	Longitude
-3,295,107.77	-29.77281	30.3486
-3,295,246.46	-29.77408	30.35068
-3,295,355.47	-29.77506	30.35233
-3,295,427.19	-29.77579	30.35506
-3,295,480.08	-29.77623	30.35695
-3,295,577.77	-29.77708	30.35863
-3,295,703.15	-29.77825	30.35991
-3,295,901.62	-29.78005	30.36189
-3,296,092.45	-29.78183	30.36384
-3,296,254.87	-29.78322	30.36573
-3,296,424.51	-29.78477	30.36685
-3,296,579.69	-29.78622	30.36783
-3,296,713.73	-29.78738	30.36936
-3,296,832.96	-29.7885	30.37131
-3,296,830.02	-29.78843	30.37517
-3,296,814.88	-29.78837	30.37771
-3,296,809.51	-29.78831	30.38014
-3,296,792.47	-29.78816	30.38487
-3,296,770.44	-29.78802	30.38957
-3,296,768.98	-29.78798	30.39049
-3,296,755.30	-29.78793	30.39216
-3,296,745.66	-29.78785	30.39505
-3,296,736.32	-29.78776	30.3976
-3,296,733.31	-29.78769	30.40014
-3,296,718.93	-29.7876	30.40293
-3,296,590.34	-29.78649	30.40549
-3,296,368.36	-29.78453	30.40753
-3,296,190.41	-29.78292	30.40913
-3,295,944.43	-29.78068	30.41142
-3,295,671.59	-29.77821	30.41378
-3,295,259.08	-29.77453	30.41708
-3,295,027.72	-29.77246	30.41844
-3,294,714.41	-29.76962	30.42029
-3,294,545.18	-29.7681	30.42346
-3,294,362.21	-29.76643	30.42688
-3,294,248.69	-29.76449	30.43091
-3,294,139.94	-29.7654	30.42904
-3,294,058.63	-29.76378	30.43242
-3,293,969.68	-29.76295	30.43388
-3,293,798.48	-29.76145	30.43616
-3,293,599.04	-29.75961	30.43889
-3,293,418.29	-29.75801	30.44158
-3,293,272.11	-29.75668	30.44371
-3,293,137.31	-29.75547	30.44554
-3,293,067.14	-29.75492	30.44643
-3,292,902.76	-29.75339	30.44885
-3,292,714.11	-29.75165	30.45152

-3,292,576.68	-29.7505	30.45334
-3,292,459.54	-29.74942	30.45502
-3,292,302.83	-29.74802	30.45719
-3,292,179.89	-29.74694	30.45886
-3,292,042.95	-29.74571	30.46087
-3,291,906.81	-29.74445	30.46282
-3,291,750.63	-29.74305	30.46498
-3,291,575.19	-29.74152	30.46738
-3,291,420.85	-29.74015	30.46954
-3,291,266.78	-29.73874	30.47173
-3,291,046.69	-29.73668	30.4752
-3,290,918.18	-29.7356	30.4772
-3,290,723.69	-29.73386	30.48014
-3,290,567.70	-29.73244	30.48281
-3,290,403.02	-29.731	30.48553
-3,290,240.96	-29.72953	30.48821
-3,290,088.94	-29.72818	30.49073
-3,289,951.69	-29.72694	30.49301
-3,289,856.68	-29.72589	30.49495
-3,290,131.22	-29.72467	30.49724
-3,290,089.16	-29.7271	30.49947
-3,290,379.28	-29.72885	30.50129
-3,290,328.79	-29.73039	30.50281
-3,290,285.67	-29.73	30.50422
-3,290,233.80	-29.72954	30.50598
-3,290,209.76	-29.72936	30.50656
-3,289,977.15	-29.72723	30.50755

-3295013.608	-29.77386	30.34582
-3295225.31	-29.77436	30.34418
-3295358.083	-29.77506	30.3418
-3295281.373	-29.77384	30.34027
-3295221.947	-29.77194	30.34048
-3295178.971	-29.77344	30.34238
-3295188.89	-29.77355	30.34363
-3295116.078	-29.77285	30.34045
-3295320.497	-29.77471	30.34315
-3295270.888	-29.77427	30.34178
-3295050.852	-29.77229	30.34212