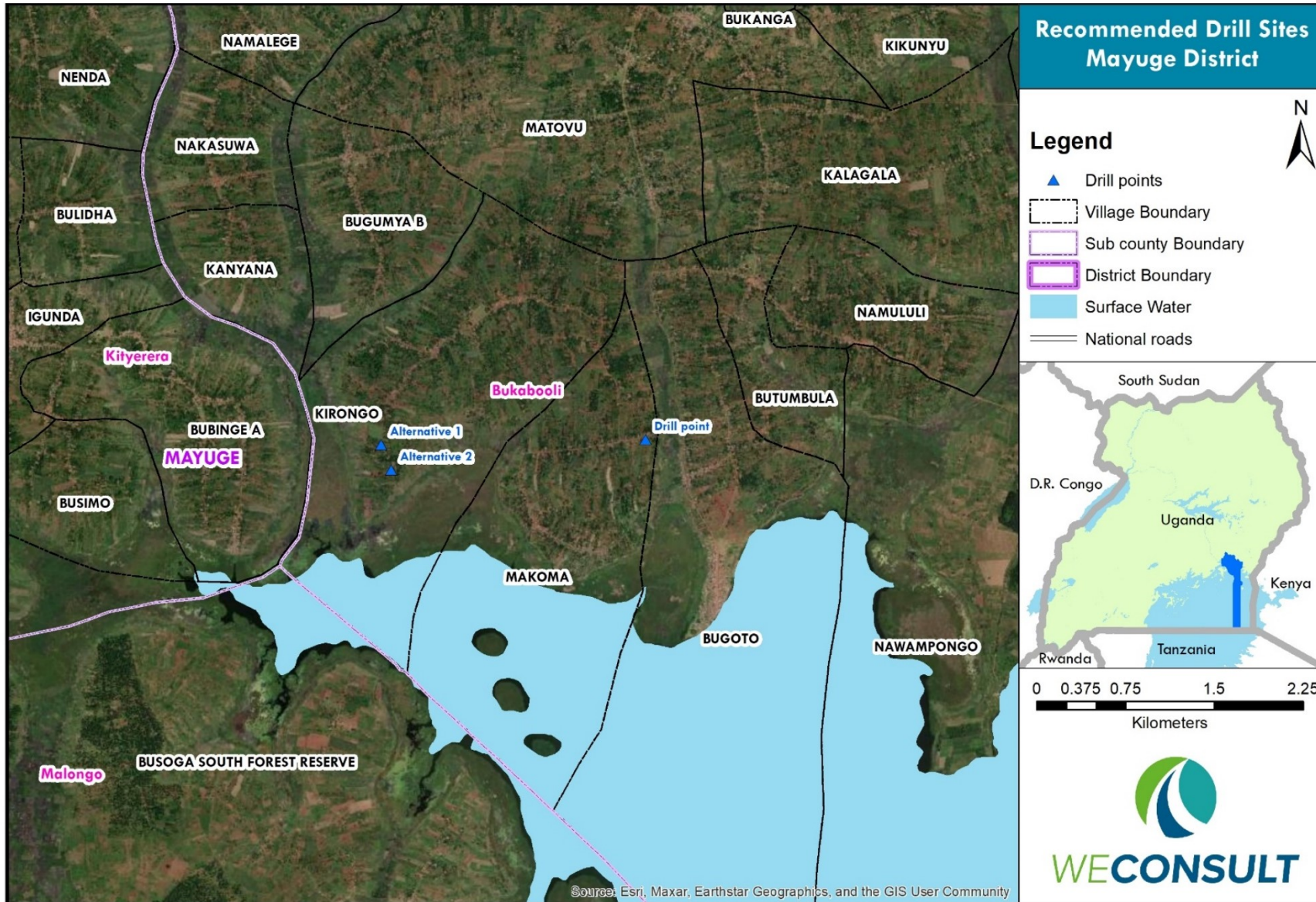
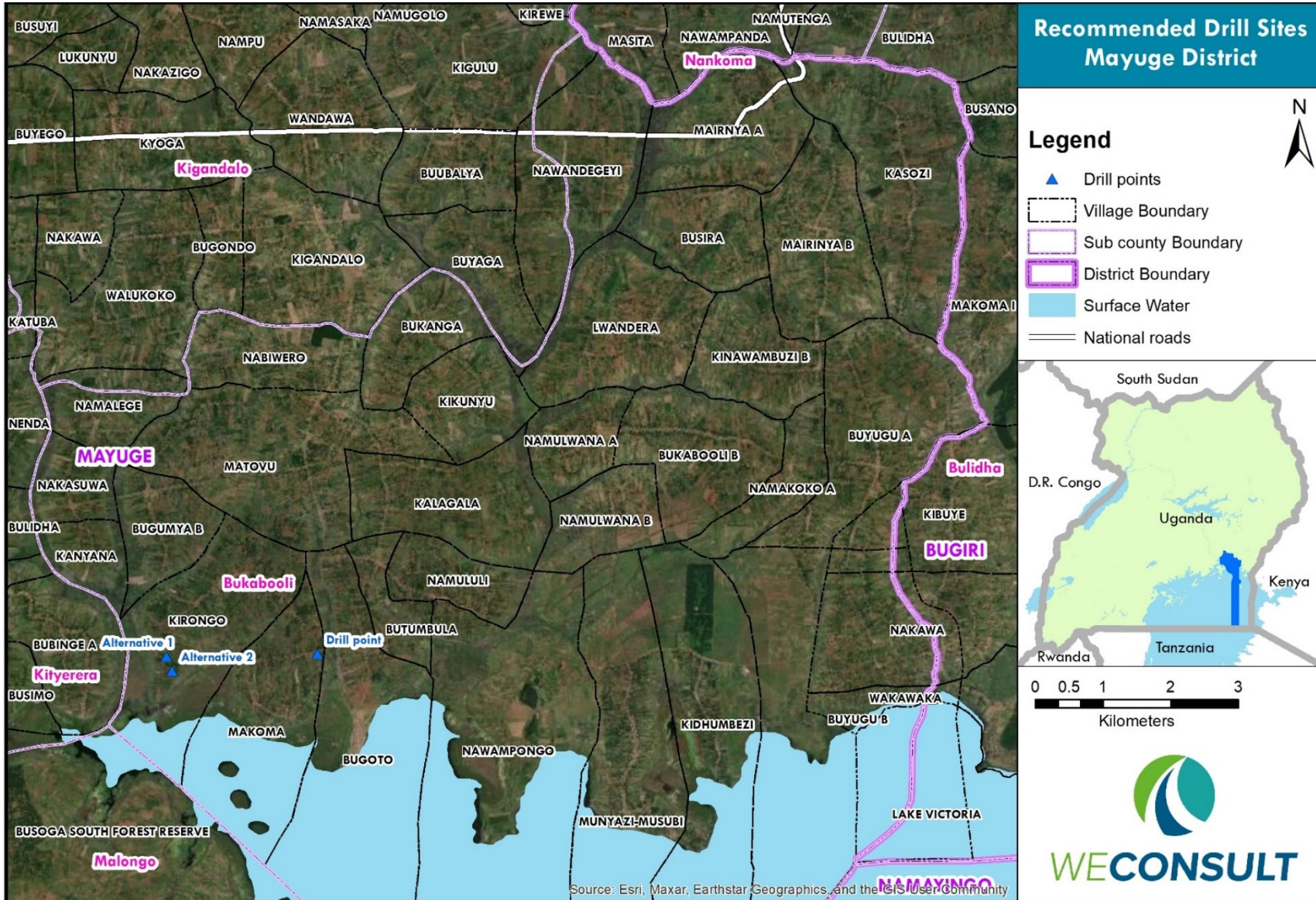
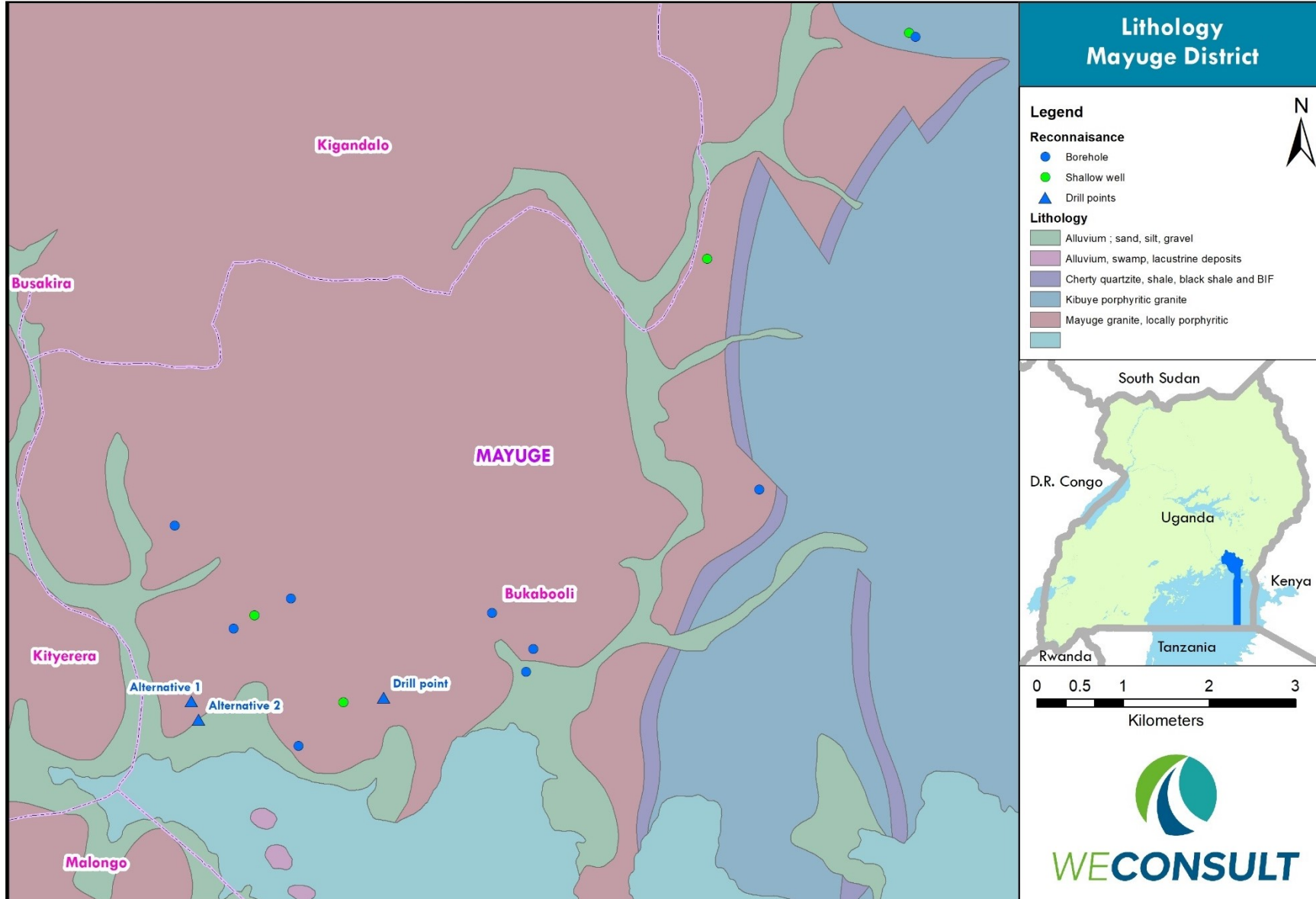
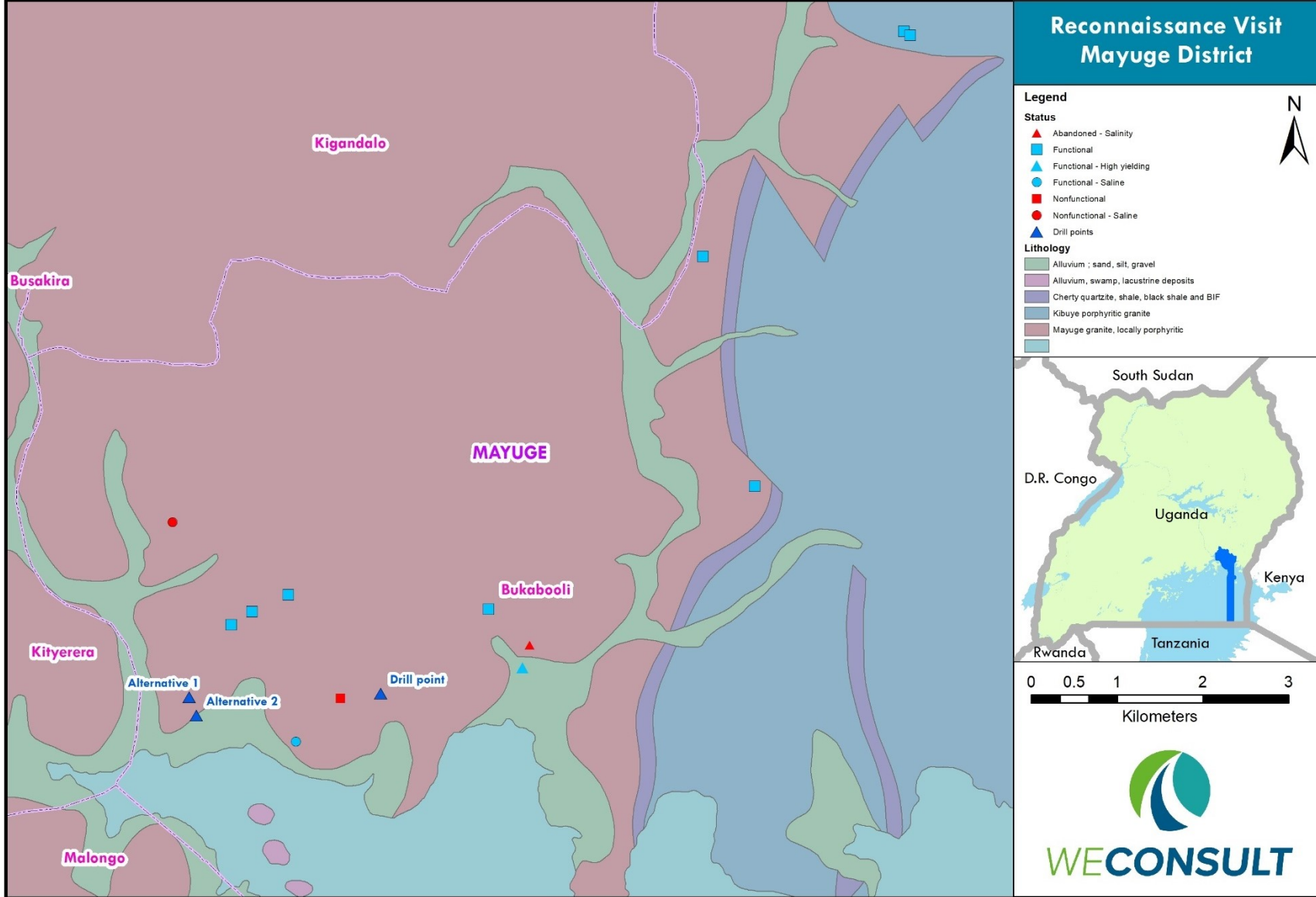


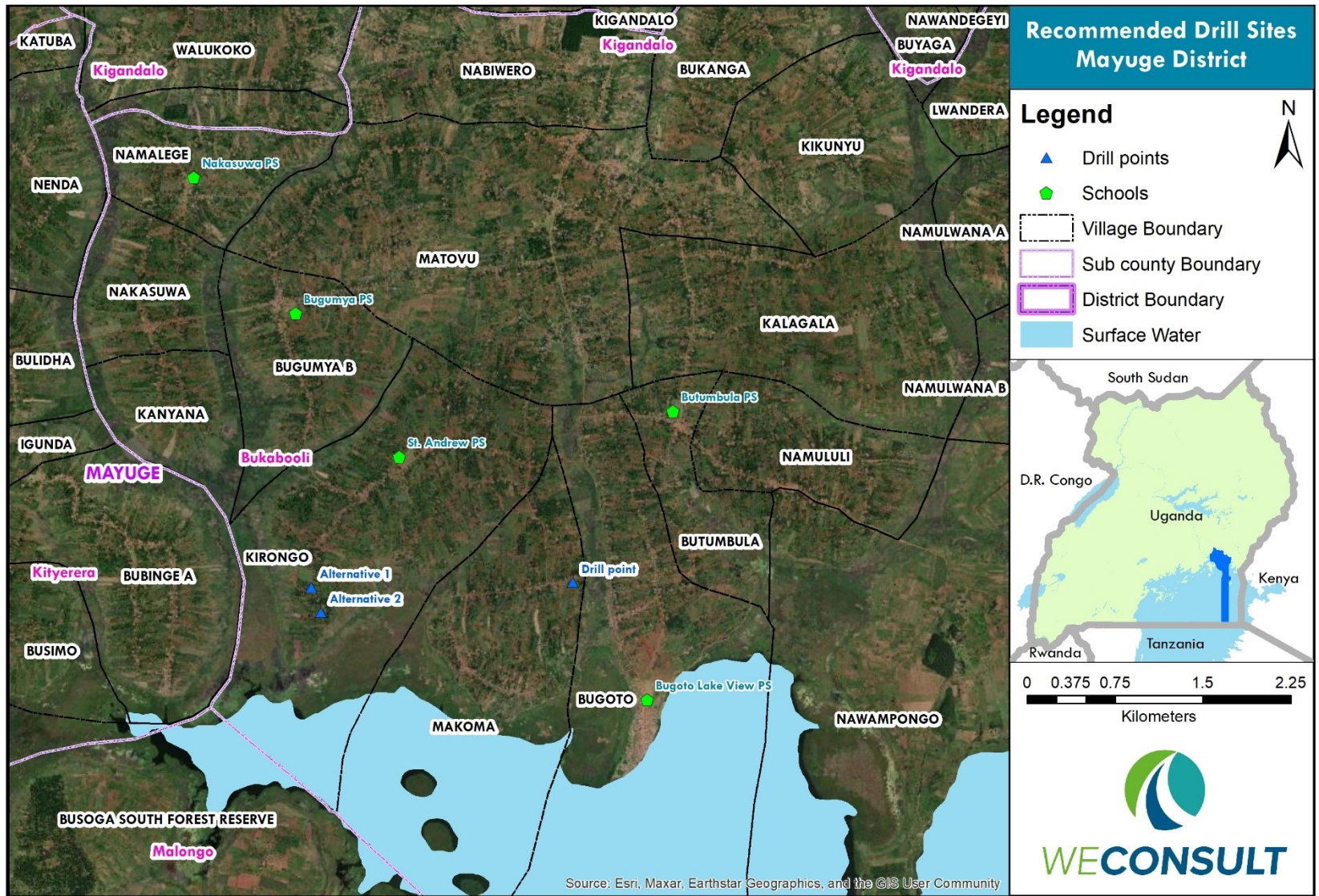
ANNEX 1 MAPS

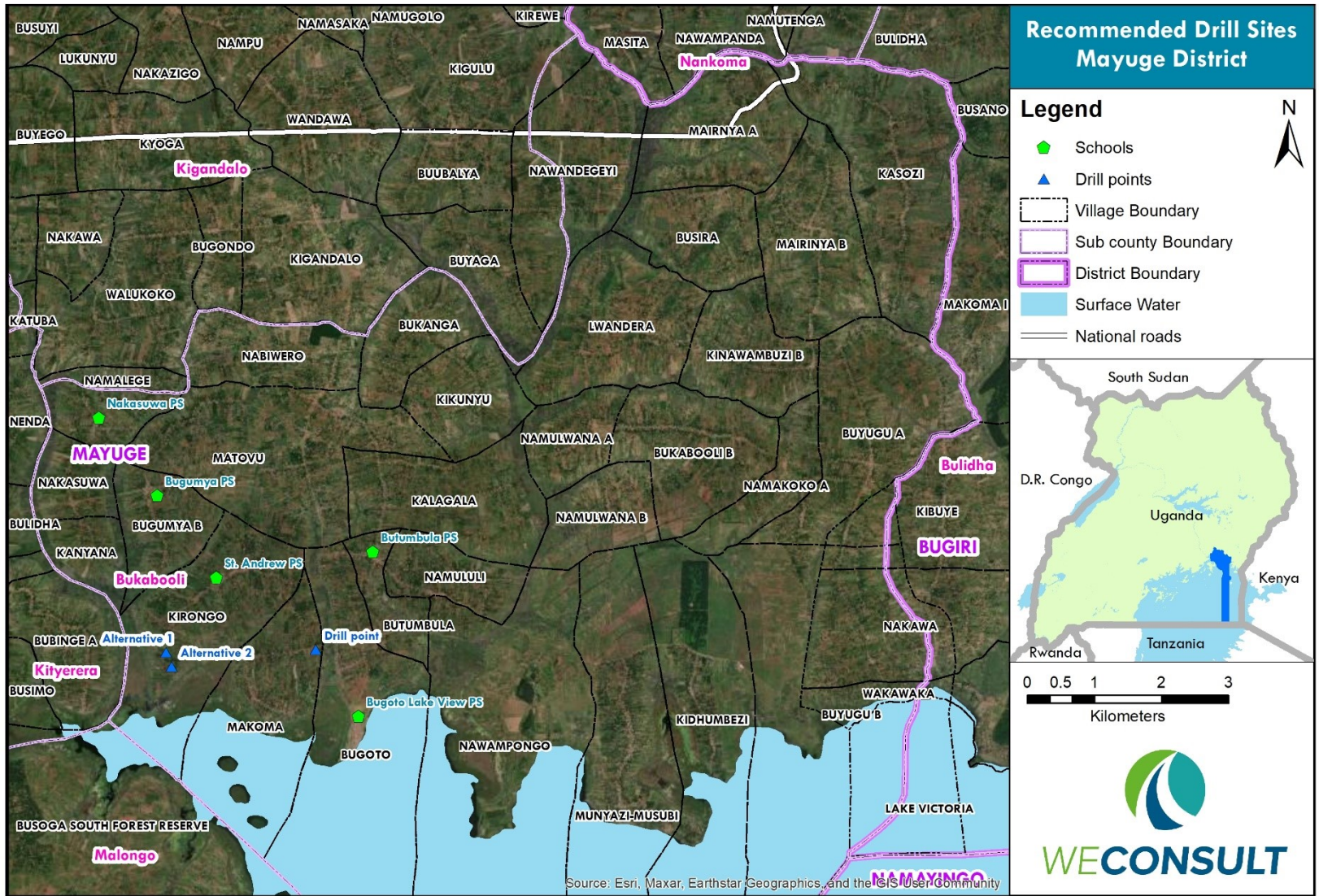








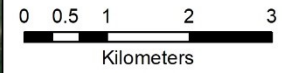




**Recommended Drill Sites
Mayuge District**

Legend

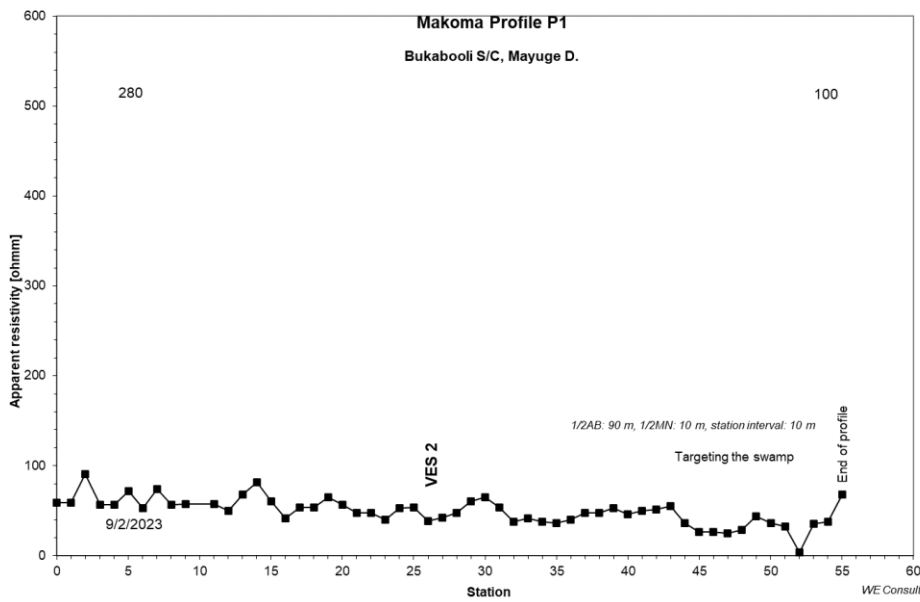
- Schools
- Drill points
- Village Boundary
- Sub county Boundary
- District Boundary
- Surface Water
- National roads



ANNEX 2 SITING SUMMARY SHEETS PER TARGET AREA

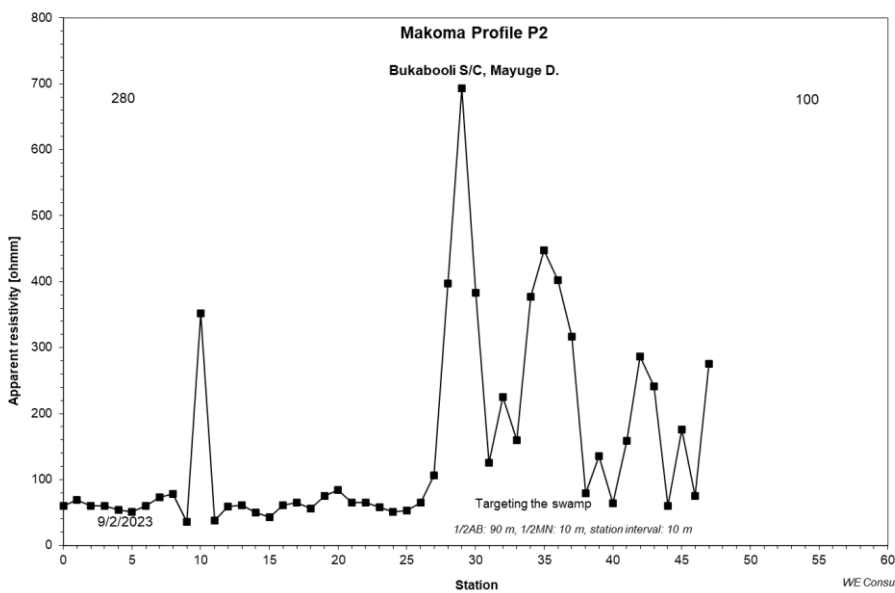
Profiles

Profile



Comments:

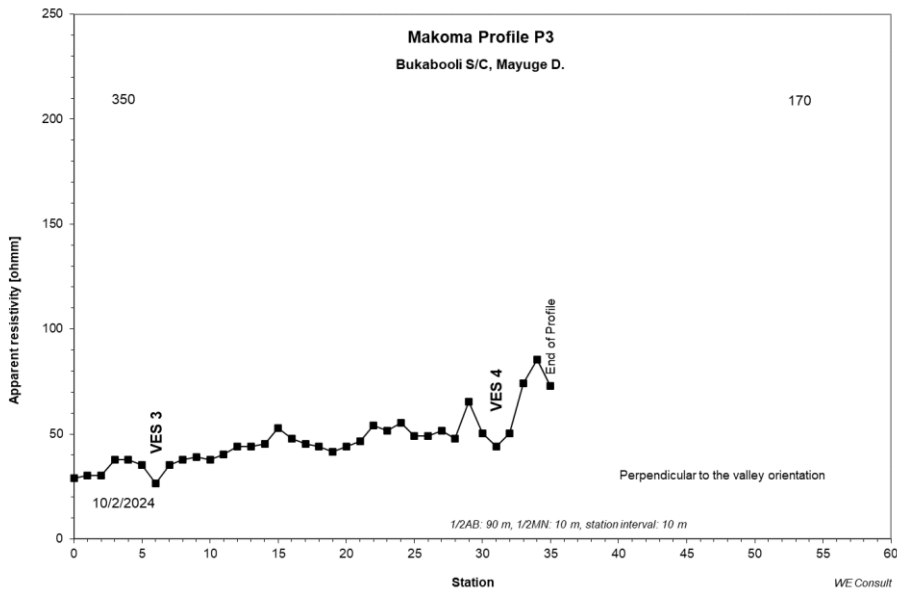
This profile had low values and anomalies were not clearly visible.



Comments:

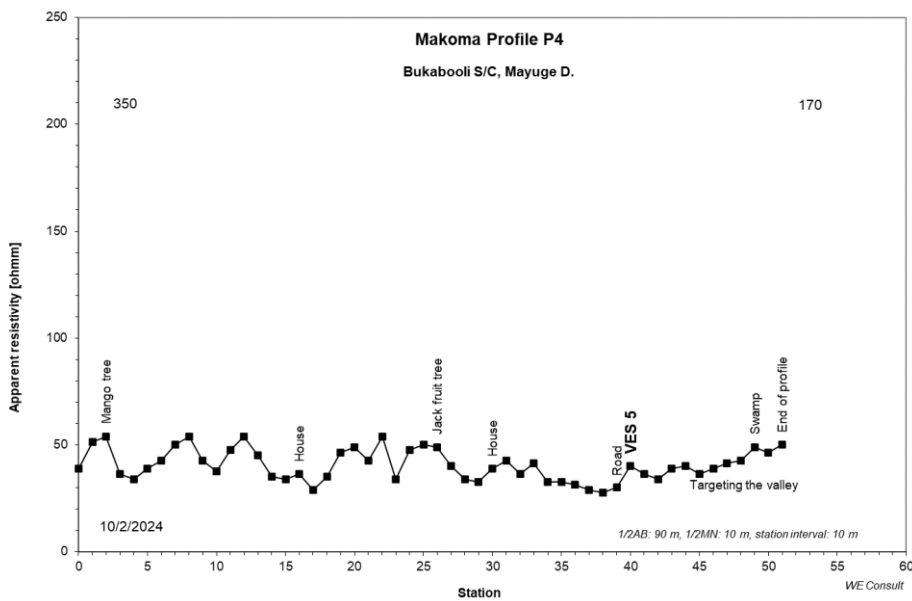
This profile indicated high values after 25 m from the start of the profile. There were laterites that could have caused the first spike in the results. A VES was carried out at an anomaly in the high resistivity section. The 30 m³/hr borehole was also carried out in a high resistivity area.

Profile



Comments:

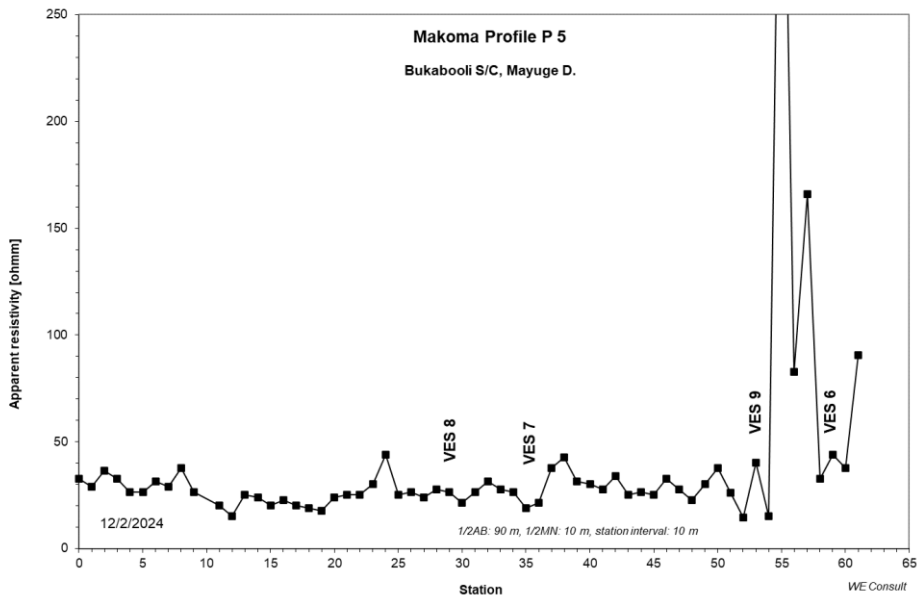
Carried out along the road towards the valley. It was stopped because of the flood zone.



Comments:

Profile stopped because the team could not cross the swamp.

Profile



Comments:

The target for this profile was a valley in this target area. This valley produced wide anomalies on profiles that were run perpendicular to it. The change in the resistivities could be caused by a change in the lithology.

Vertical Electrical Soundings

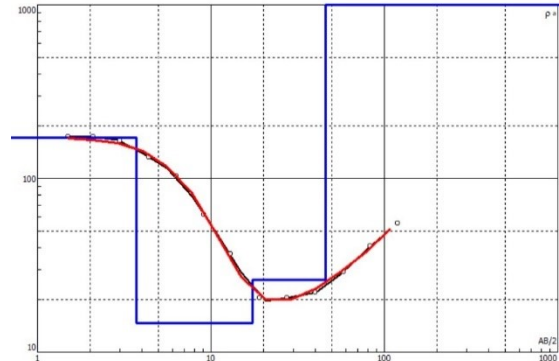
VES 1

Target Makoma
Profile P 1
Station 38
UTM X 569255
UTMY 36747

No	Depth	Res	Formation
1	175	3.7	Top soil
2	14.7	13	Clay or weathered rock
3	26	28	Clay
4	→	1000	Fractured rock

Comments:

This was recommended as a drill site. It resembles a 30 m³/hr borehole.



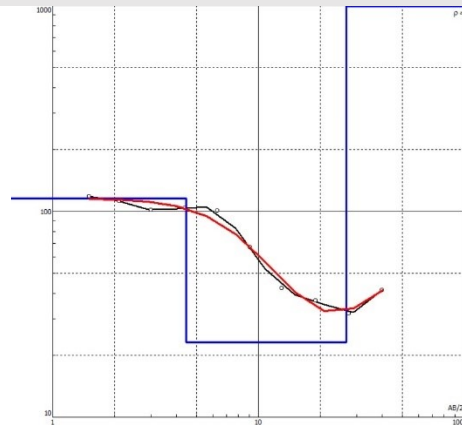
VES 2

Target Makoma
Profile P1
Station 26
UTM X 568593
UTMY 36666

No	Depth	Res	Formation
1	4.5	115	Top soil
2	26	23	Clay
3	→	2900	Sand

Comments:

It shows a thick overburden. The shape resembles Calib V2. Calib V2 is a calibration of a shallow well. This can also be among the recommended Veses. The yield of this calibrated borehole is not known



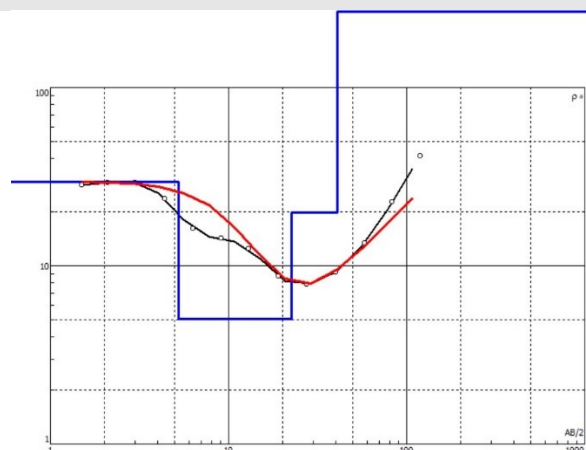
VES 3

Target Makoma
Profile P 3
Station 4
UTM X 567009
UTMY 38153

No	Depth	Res	Formation
1	1.5	75	Laterite
2	9.7	10	Clay
3	25.2	100	Weathered Rock
4	→	5000	Bedrock

Comments:

This was carried out on an anomaly near the swamp. It has a kink that is interesting.



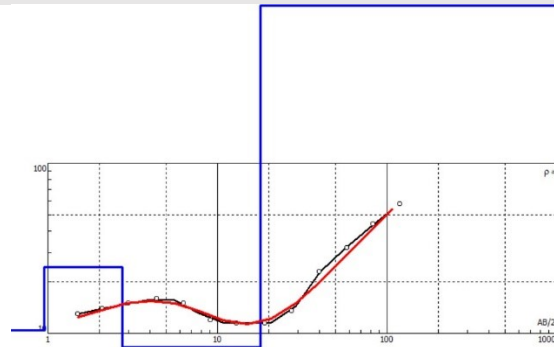
VES 4

Target Makoma
Profile P 3
Station 31
UTM X 566973
UTMY 37912

No	Depth	Res	Formation
1	1	10.4	Top soil
2	2.7	25	Laterite
3	18	8	Clay
4	→	5000	

Comments:

The sounding was carried out near the valley. The shape of this VES does not resemble any of the calibration VESes



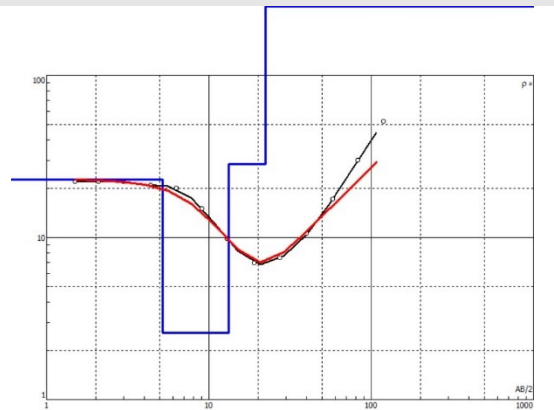
VES 5

Target Mugumya
Profile P 4
Station 38
UTM X 567089
UTMY 37629

No	Depth	Res	Formation
1	5	23	Top soil
2	13	2	Clay
3	22	28	Clay
4	→	5000	Bedrock

Comments:

It shows a thick overburden but there is no kink in the bedrock.



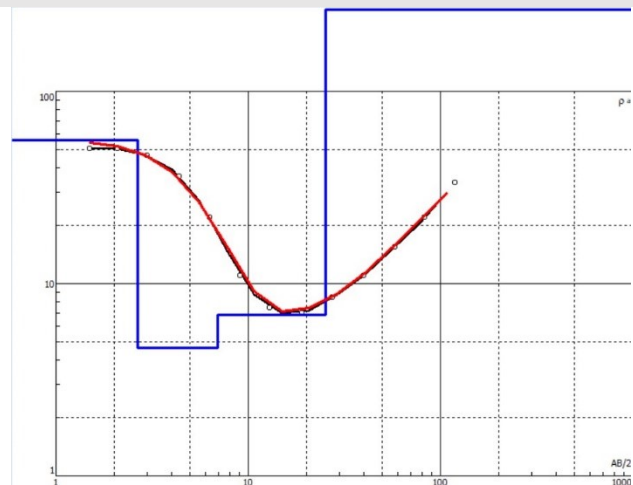
VES 6

Target Kirongo
Profile P 5
Station 58
UTM X 567107
UTMY 36492

No	Depth	Res	Formation
1	2.6	55	Top soil
2	7	4	Clay
3	25	7	Clay
4	→	5000	Bedrock

Comments:

This was carried out on an anomaly near the swamp. It is among the recommended drill sites. It resembles the 30 cc borehole.



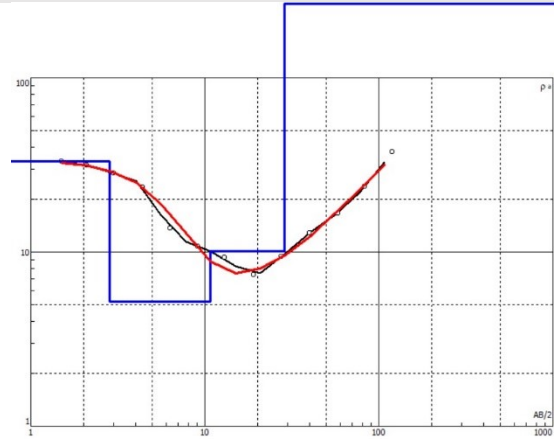
VES 7

Target Kirongo
Profile P 5
Station 4
UTM X 567023
UTMY 36705

No	Depth	Res	Formation
1	2	33	Top soil
2	10	5	Clay
3	28	10	Clay
4	→	5000	Bedrock

Comments:

This is among the recommended as a drill sites. It resembles a 30 m³/hr borehole.



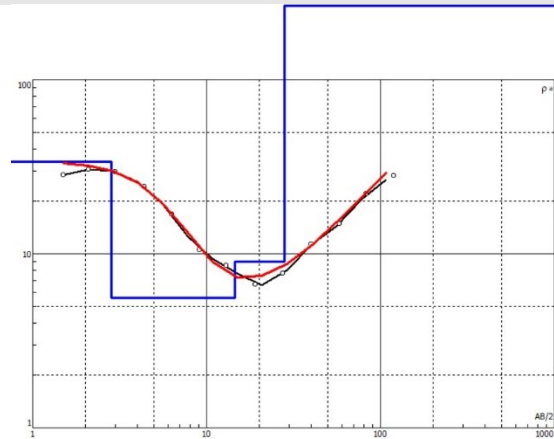
VES 8

Target Kirongo
Profile P 5
Station 29
UTM X 567017
UTMY 36766

No	Depth	Res	Formation
1	4.5	115	Top soil
2	26	23	Clay
3	→	2900	Sand

Comments:

It resembles VES 7 but carried out at a higher elevation from the VES 7



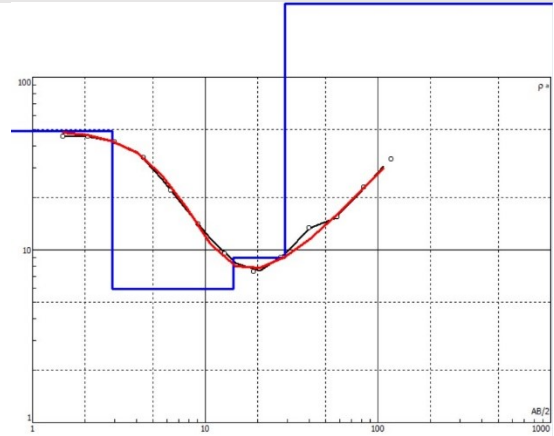
VES 9

Target Kirongo
Profile P5
Station 53
UTM X 567091
UTMY 36539

No	Depth	Res	Formation
1	2.8	48	Top soil
2	14	5	Clay
3	28.4	9	Clay
4	→	5000	Bedrock

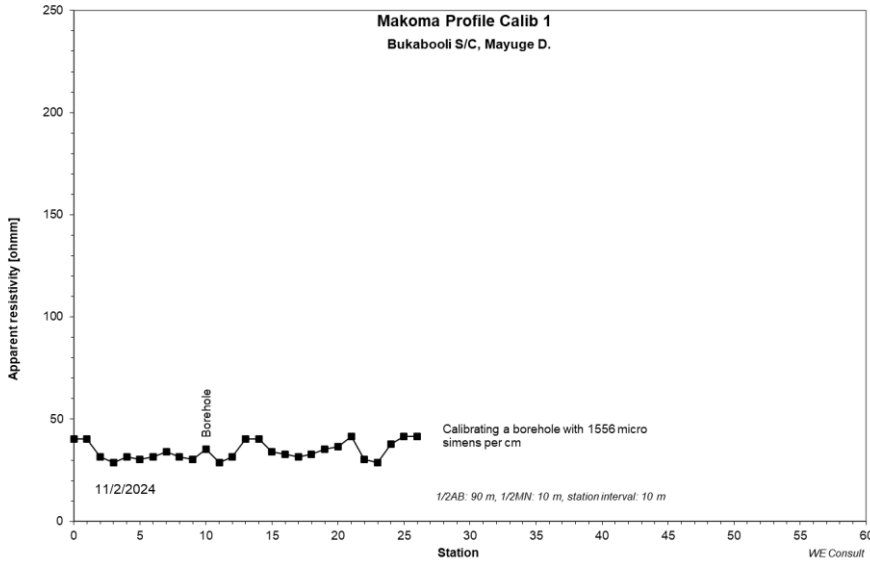
Comments:

This was carried out on an anomaly near the swamp. It has a kink that is interesting.



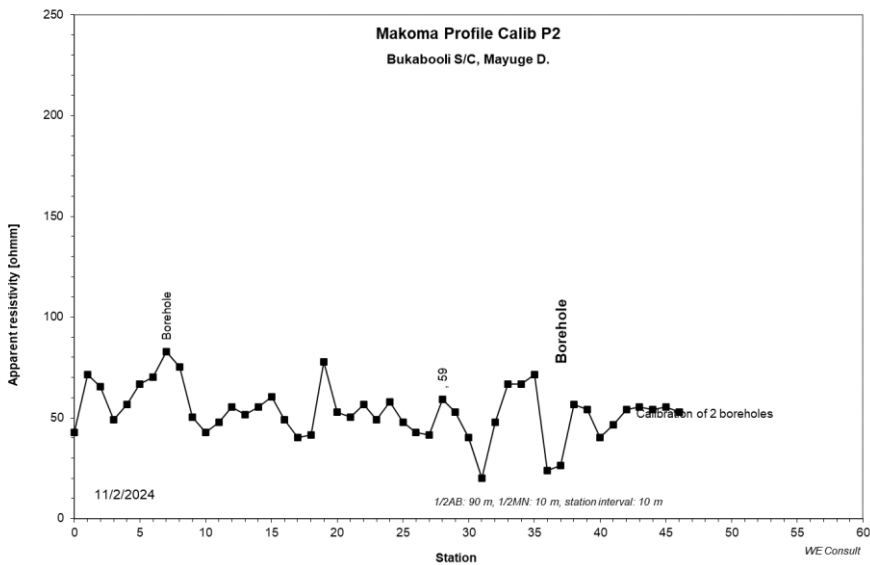
Calibration

Profile



Comments:

Carried out along the road targeting a hand pump borehole. This borehole is not on a clear anomaly



Comments:

Targeting two boreholes, the results indicate that the first borehole (shallow well) is on a high value anomaly.

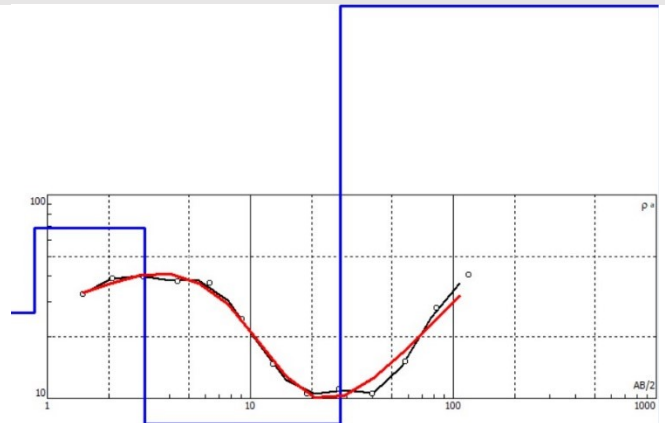
VES CALIB 1

Target Makoma
Profile Calib P 1
Station 8
UTM X 568269
UTMY 36185

No	Depth	Res	Formation
1	175	3.7	Top soil
2	14.7	13	Clay or weathered rock
3	26	28	Clay
4	→	1000	

Comments:

This was recommended as a drill site. It resembles a 30 m³/hr borehole.



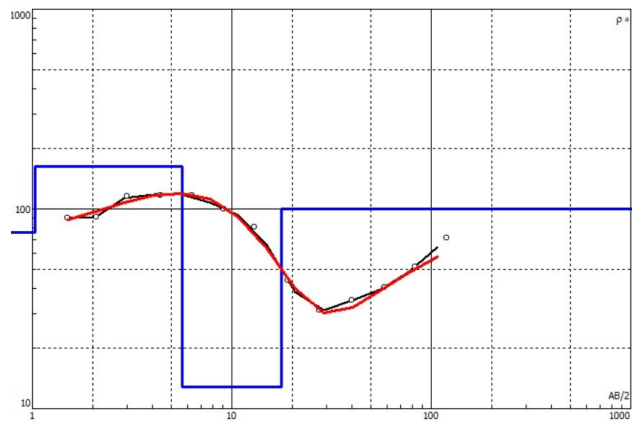
VES CALIB 2

Target Makoma
Profile Calib 2
Station 38
UTM X 567499
UTMY 37536

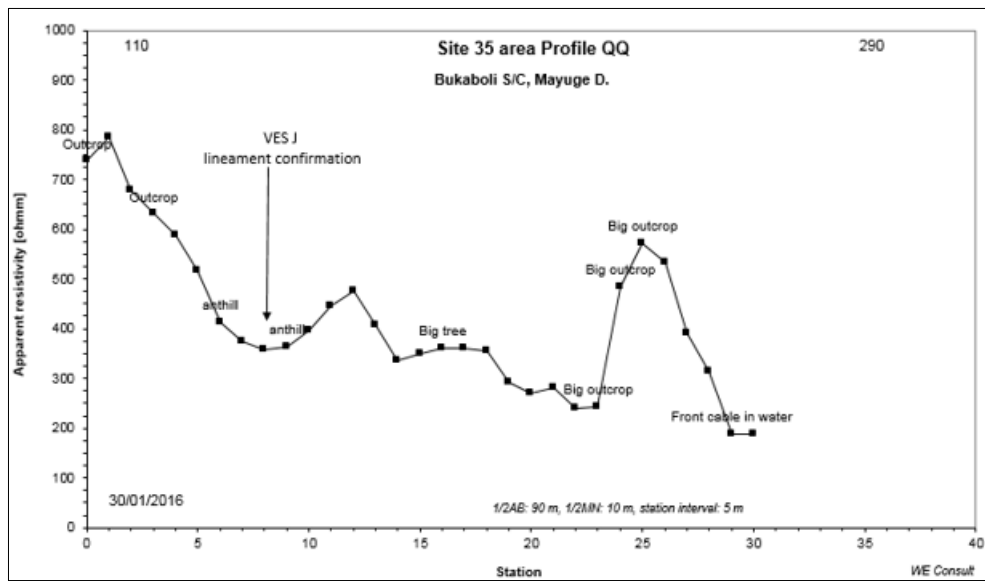
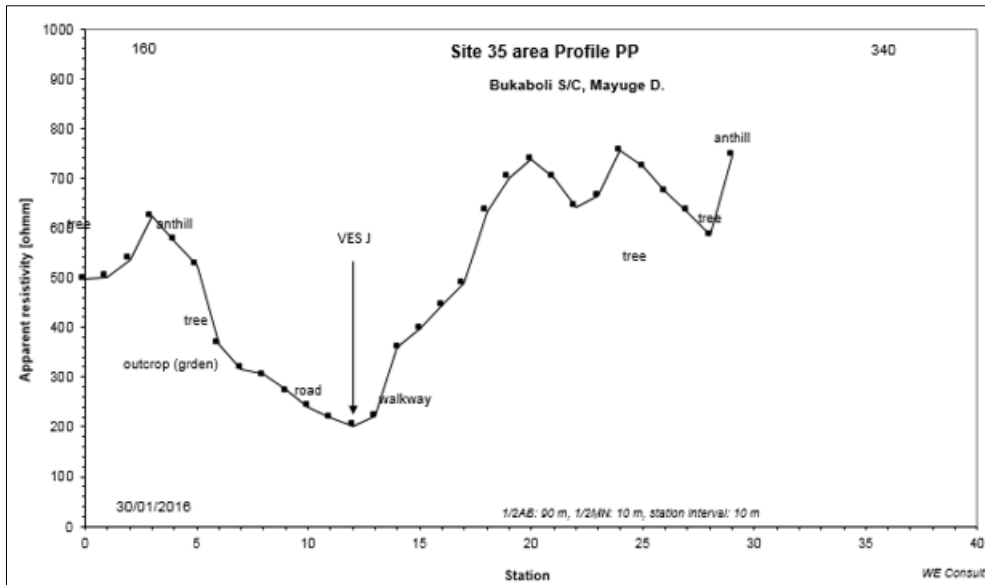
No	Depth	Res	Formation
1	4.5	115	Top soil
2	26	23	Clay
3	→	2900	Sand

Comments:

It shows a thick overburden. Only one sounding, (VES 2) resembles this shallow well VES.



Previously sited and drilled borehole (VES J)



COMPARISON CURVES FOR MAYUGE

