

Well Data Kobo graben (part of Zwaan et al. (2020): Geological data from the Western Afar Margin, East Africa. GFZ Data Services. <http://doi.org/10.5880/fidgeo.2020.017>)

Site	Well ID	WGS84 Latitude (°N)	WGS84 Longitude (°E)	Elevation (m.a.s.l.)*	Well total depth (m)	Bedrock depth below surface (m)	Bedrock depth (m.a.s.l.)*
Mahoni area**							
Basale	BH-1	12.721112	39.79562956	1547	198	not reached	<1349
Mehoni	BH-2	12.766047	39.666733	1698	120	112	1586
-	PZ-1	12.68174	39.750207	1522	240	222	1300
Alamata area***							
Gendajala	1	12.44807	39.63727	1423	54	not reached (?)	<1369
Adi hagostsegay	2	12.36906	39.61223	1457	60	not reached (?)	<1397
AdisAlem	3	12.4457	39.64254	1417	48	not reached (?)	<1369
-	4	12.4434	39.64782	1410	48	not reached (?)	<1362
-	5	12.45455	39.6209	1435	48	not reached (?)	<1387
Agamite /Adis meder	6	12.43792	39.6123	1438	48	not reached (?)	<1390
Beklomanekeia	7	12.43792	39.6123	1438	36	not reached (?)	<1402
Nearsomon munfa	8	12.46004	39.60503	1447	36	not reached (?)	<1411
Facha hara	9	12.43374	39.61057	1443	54	not reached (?)	<1389
Adi Nugus Dereese	10	12.36946	39.6246	1440	48	not reached (?)	<1392
Adi Adehena Tesheme	11	12.36965	39.62741	1438	48	not reached (?)	<1390
Adi koba	12	12.33109	39.58271	1510	54	not reached (?)	<1456
Chelokote	13	12.28089	39.57438	1507	54	not reached (?)	<1453
Joneto	14	12.4004	39.6111	1449	54	not reached (?)	<1395
Adi Jemea	15	12.39999	39.59001	1480	54	not reached (?)	<1426
Godana	16	12.38733	39.5497	1576	54	not reached (?)	<1522
kub Driba	17	12.35665	39.65559	1410	54	not reached (?)	<1356
Bedana kebela	18	12.33018	39.64256	1420	48	not reached (?)	<1372
Finjal guma	19	12.4457	39.6072	1438	48	not reached (?)	<1390
Adihana	20	12.36959	39.63192	1434	48	not reached (?)	<1386
Adi eshok	21	12.35397	39.59418	1485	48	not reached (?)	<1437
krawur	22	12.36329	39.60971	1458	48	not reached (?)	<1410
Gdahkem/hory	23	12.344218	39.574288	1524	48	not reached (?)	<1476
Aditegegn tela	24	12.37204	39.61215	1456	48	not reached (?)	<1408
Bubo	25	12.509735	39.603642	1533	60	not reached (?)	<1473
Adi barento	26	12.489875	39.068904	1448	60	not reached (?)	<1388
gareba	27	12.379664	39.5533	1561	122	not reached (?)	<1439
Kololo	28	12.430592	39.571193	1530	82	not reached (?)	<1448
Kobo area****							
-	PHG1	12.108044	39.622032	1486.5	128	126	1360.5
-	PHG2	12.102607	39.623058	1478.8	108	90	1388.8
-	PHG3	12.10264	39.628158	1472.8	156	152	1320.8
-	PHG4	12.114083	39.614382	1507.9	116	108	1399.9
-	PK1	12.129313	39.625555	1491	134	114	1377
-	PK2	12.130842	39.629327	1488	137	132	1356
-	PK3	12.214484	39.627023	1440	153.6	148	1292
-	PK4	12.238451	39.625204	1439	106.5	102	1337
-	PK5	12.22798	39.629105	1428	119.2	112	1316
-	PK6	12.13796	39.636907	1481	145	132	1349
-	PK7	12.137947	39.642357	1474	183	162.5	1311.5
-	PK8	12.130488	39.641622	1469	180	178	1291
-	TK1(RE)	12.25657	39.646164	1418	164	not reached	<1254
-	TK6	12.133443	39.657979	1449	128	82	1367
-	TK7	12.134134	39.63722	1475	167	160	1315

* m.a.s.l. = meters above sea level

** Well data provided by: Fanuel Sharew, Abrha Shumey, Berhe Abrha (Water Resource Mine and Energy office of Raya Azebo, Mahoni)

*** Well data provided by: Said Abdu (Water Resource Mine and Energy office of Tigray, Alamata). NB: no lithological information is available, but since the wells are drilled for irrigation purposes, they are not expected to reach or go deep into the Trap basalt bedrock, thus providing an indication of (minimum) sediment thickness

**** Well data provided by: Solomon Arbsie (Kobo Girana Valley Development Program – KGVP, Kobo)