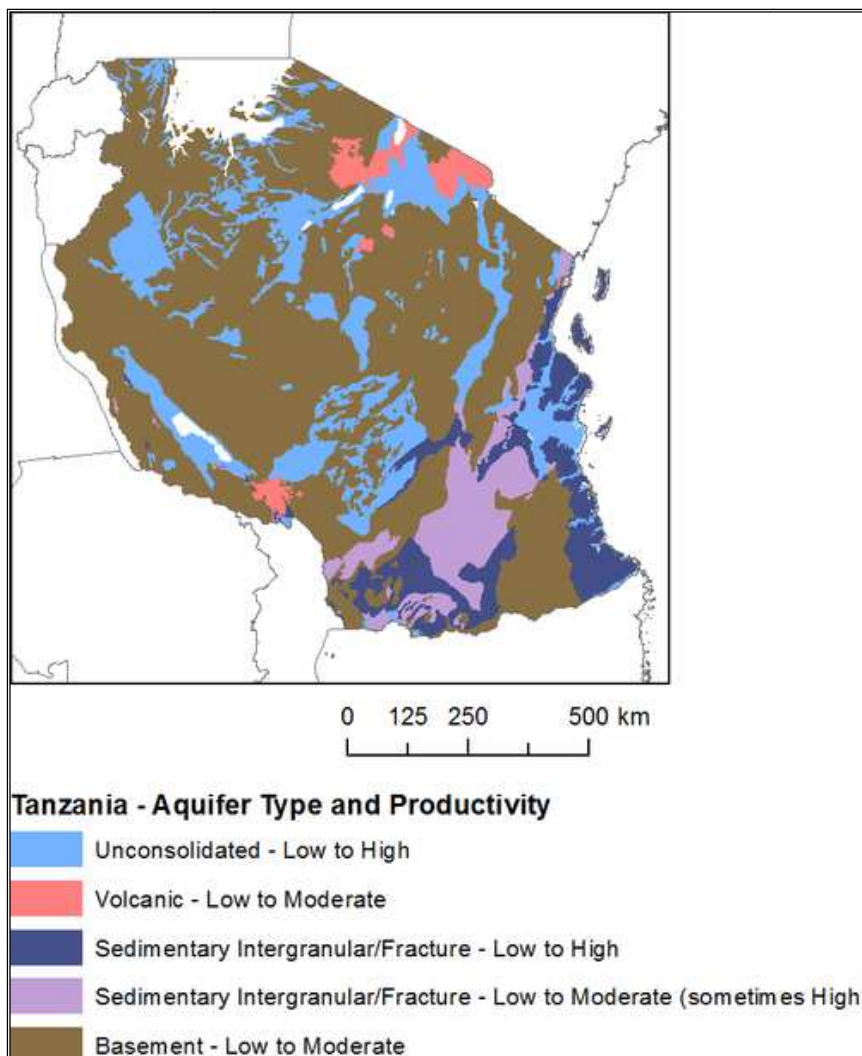


Groundwater Status in Tanzania

In Tanzania groundwater occurrence potential in weathered and fractured bedrock and unconsolidated sediments. 75% of country is Pre-Cambrian crystalline basement complex and 25% sedimentary and volcanic rocks. The groundwater recharge is by direct rain infiltration and inflow from rivers. It is estimated that the groundwater resources of the country is about 4 km³/annum.

The type and productivity of the main aquifers in Tanzania, at 1:5,000,000 Scale (SAD hydrogeological map and atlas -2010) are the Unconsolidated Sedimentary, Consolidated Sedimentary - Intergranular & Fracture Flow and the Basement complex.



Groundwater use

Groundwater is a vital source for both rural and urban water supply schemes in Tanzania. Towns such as Dar es Salaam, Singida, Babati, Arusha, Moshi and Dodoma depend largely on groundwater for public water supply. Most sources consist of boreholes with electric or hand pumps.

The current volume of groundwater used across Tanzania (1,265,000 m³/day) is estimated to be 12% of the total available volume (11MCM per day). The main uses of groundwater are:

Sector	% of total use
Urban water supply	10%
Rural water supply	50%
Agriculture	10%
Industry and mining	2%
Other uses including livestock and dry land fishing	28%
Total	100

Source: Ministry of Water, 2009

Groundwater use in industry is more concentrated in urban areas, particularly in Dar es Salaam, where around 80% of Tanzania's industrial activity takes place.

Groundwater management

The Water Resource Management Act (WRMA, 2009 (62)) need the establishment of regulation that describe power to regulate the profession of groundwater drilling.

In order to implement the WRMA, 2009 (62) the Ministry of Water established the Groundwater Regulations, 2013(GN No.219) that requires any persons who undertakes works relating to groundwater prospecting, construction or enlargement of a well or borehole to be licensed.

There are three types of licenses:

- Groundwater drilling licenses (issued to any person who wishes to undertake groundwater drilling activities);
- Driller licenses (issued to all drillers, allowing them to operate a drilling rig).
- Groundwater Exploration license

List of private Companies and Institution with valid groundwater drilling and groundwater exploration licenses in Tanzania mainland are:

No.	NAME OF LICENSEE	POSTAL ADDRESS:	
1	ARUSHA WATER DRILLING COMPANY	P.O. Box 2302 Arusha Email: info@water-drilling.com Mob: 0745333336/0767470006	
2	NYASA DRILLING COMPANY LTD	P.O Box 2043 Mbeya Email: nyasadrilling@gmail.com Mob: 0762067335	
3	SUPREME WATER WELL DRILLING LTD	P. O. Box 2677 Mwanza Email: supremewaterwelltz@gmail.com Mob: 0762786007/0784233755	
4	ORTHODOX CHURCH IN TANZANIA	P. O. Box 1113 Mwanza Email: orthodoxtz@yahoo.com Mob: 0787 341125	
5	KEREGE GENERAL TRADING COMPANY LTD	P.O Box 70036 Dar es Salaam Email: godwinmrema@yahoo.com Mob: 0715637830/0754637830	
6	SHOWME DRILLING COMPANY LTD	P.O Box 40774 PLOT No.57 Mob: 0718282816	
7	SUPER ROCK DRILLING (T) LTD	P. O. Box 2067 Dar es Salaam Email: superrockdrillers@gmail.com Mob: 0767 469 765	
8	MASWI DRILLING CO. LTD	P.O Box 9804 Dar es Salaam Email: maswidrillinco@yahoo.com Mob:0712469765	
9	MUBARAK WATER DRILLING	P.O Box 1347 Tanga Email: mubarakdrilling@yahoo.com Mob: 0714771298	
10	THREE DIMENSIONS DRILLING SERVICES LTD	P. O. Box 35516 Dar es Salaam Mob: 0716 625036	
11	NASSA DRILLING & GENERAL SUPPLY LTD	P. O. Box 18 Magu, Mwanza Mob: 0756 510 162	
12	WISI TRADING AND TECHNICAL SERVICES LTD	P. O. Box 15413 Dar es Salaam	
13	AL- AMRY DRILLING COMPANY LTD	P. O. Box 23251 Dar es Salaam Email: alamry.company@gmail.com Mob: 0784 234922/0658 616666	
14	ZAM ZAM GEOTECHNICS LTD	P.O Box 17445 Dar es Salaam Email: kaymsemo@gmail.com Mob: 0753613 404	
15	TARGET BOREWELLS LTD	P. O. Box 21326 Dar es Salaam Email: targetborewells@gmail.com Mob:0714278209/0787911119	
16	VACUUM ROTARY DRILLING COMPANY LTD	P.O Box 33607 Dar es Salaam Email: vrdrilling.tz@gmail.com Mob: 0653001111/0687441111	
17	SOCIETY OF THE PRECIOUS BLOOD - C.PP.S	P. O. Box 1951 Dodoma	

	MISSION WATER PROJECT	Email: Mob:	
18	BOZONGO WATER WELL DRILLERS	P.O Box Dar es Salaam	
19	MASTER DRILLING AND EXPLORATION LTD	P.O Box 62725 Dar es Salaam	
20	AL-TTAI DRILLING CO. (T) LTD	P. O. Box 23485 Dar es Salaam	
21	JERSEY DRILLING COMPANY LTD	P.O Box 21378 Dar es Salaam	
22	GO DRILL INTERNATIONAL	P.O Box 99 Liwale Lindi	
23	PNR SERVICE LTD	P.O Box 2555 Dar es Salaam	
24	VICTORIA BOREHOLE DRILLIND LTD	P.O Box 1352 Dar es Salaam	
25	SPARR DRILLING CO. LTD	P.O Box 1522 Mwanza	
26	SHY BUILDERS	P.O Box 187 Shinyanga	
27	MGEMA ROTARY DRILLING	P.O Box 63120 Dar es Salaam	
28	AFRICAN BENEDICT OF HANGA	P.O Box 217	
29	REDDY DRILLING &CONSTRUCTION LTD	P.O Box 78	
30	RELIEF PARTENER INTERNATIONAL	P.O Box 75367 Dar es Salaam	
31	DRILL MAX DRILLING COMPANY LTD	P.O Box 144	
32	BABA DRILLING COMPANY LIMITED	P.O Box 3765	
33	VIJAYA BOREHOLES LTD	P.O Box 2166 Mbeya	
34	WATER SOLUTIONS DRILLING CO.	P.O Box 2780-Arusha	
35	BAHEDELE DRILLING COMPANY	P. O. Box 2581 Dar es Salaam	
36	SERVING FRIENDS INTERNATIONAL	P.O Box 2565 Arusha	
37	WATER PRO COMPANY LTD	P. O. Box PLOT No. 24 EXDAYA ESTATE- Dar es Salaam	
38	NILE WELL DRILLERS	P.O Box 22313 Dar es Salaam	
39	PREMIUM DRILLING(TANZANIA)LTD	P.O Box 22700 Dar es Salaam	
40	N&S GROUNDWATER TANZANIA LTD	P.O Box 1235 PLOT No.35	
41	J &M FAST ENGINEERING COMPANY	P.O Box 143 Lindi	
42	INTER COUNTRY CONSTRUCTION CO. LTD	P.O Box 230	
43	HAIF (T) LTD	P. O. Box 16675 Dar es Salaam	
44	NDOBOKA COMPANY LIMITED	P.O Box 2505 Dar es Salaam	
45	MAJITECH ENGINNERING LTD	P.O Box 189 Arusha	
46	INTERNATIONAL EVANGLISM CHURCH	P.O Box 6014 Arusha	
47	THANZANIA BOREHOLE COMPANY LTD	P.O Box 2588	