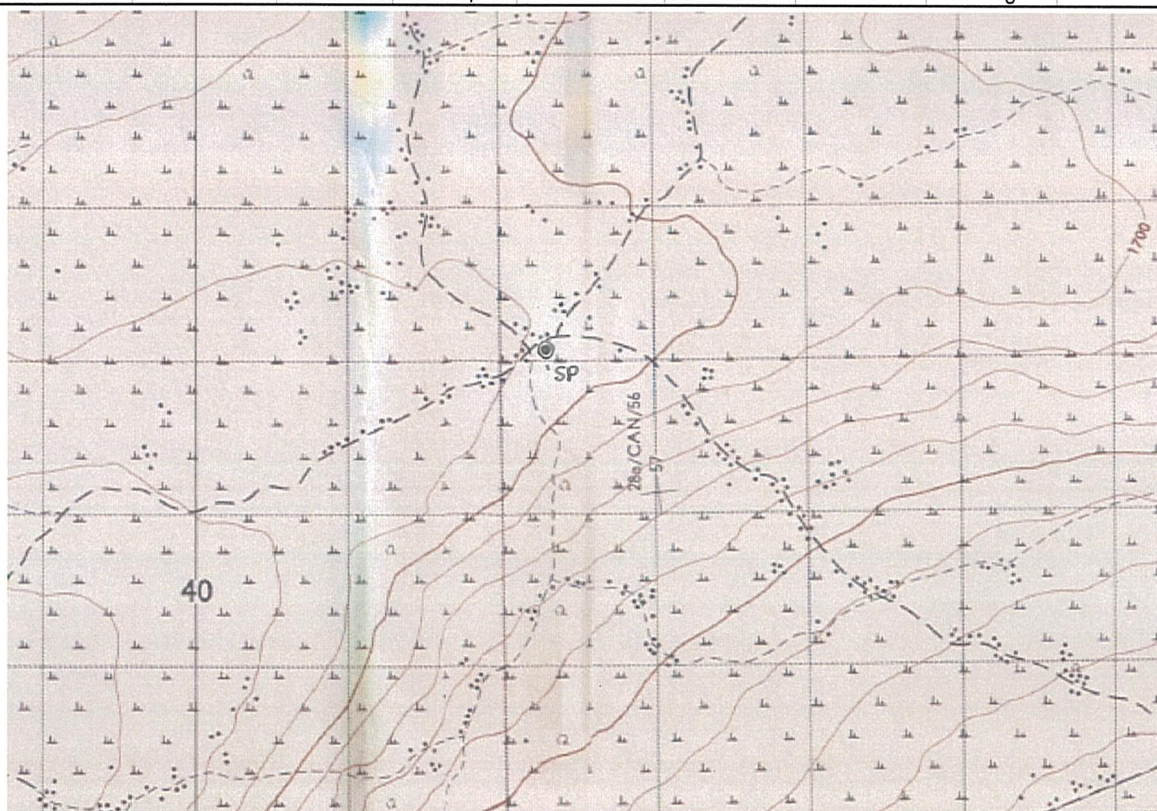


✓
RE

Village Name : Mmulunga

Region	Mtwara	District	Newala	Ward	
Coordination	E : 540 195	N : 8830 744	GPS	☒ Point Detail	SP
Elevation	GPS ☒ 460 m	Altimeter ☒ 450 m	Contour	☐ m	ft
Topographical feature	☐ gentle slope hill ☐ side ☐				
Geology	Surface : sand Underground : sandstone				
Geological Structure	Lineaments : Direction : Strike/Dip / of				
River Basin	Mambi				
Reference	Spring Name				Discharge m
	Bore hole No	Drill Depth	m	SWL	m Discharge m
	Bore hole No	Drill Depth	m	SWL	m Discharge m



Vertical Electric Survey Result	Value range	112.5 - 2m	Sequence	180 - 200
Horizontal Electric Survey Result				

Comments
VES (541 201 E
8831 504 N (440))

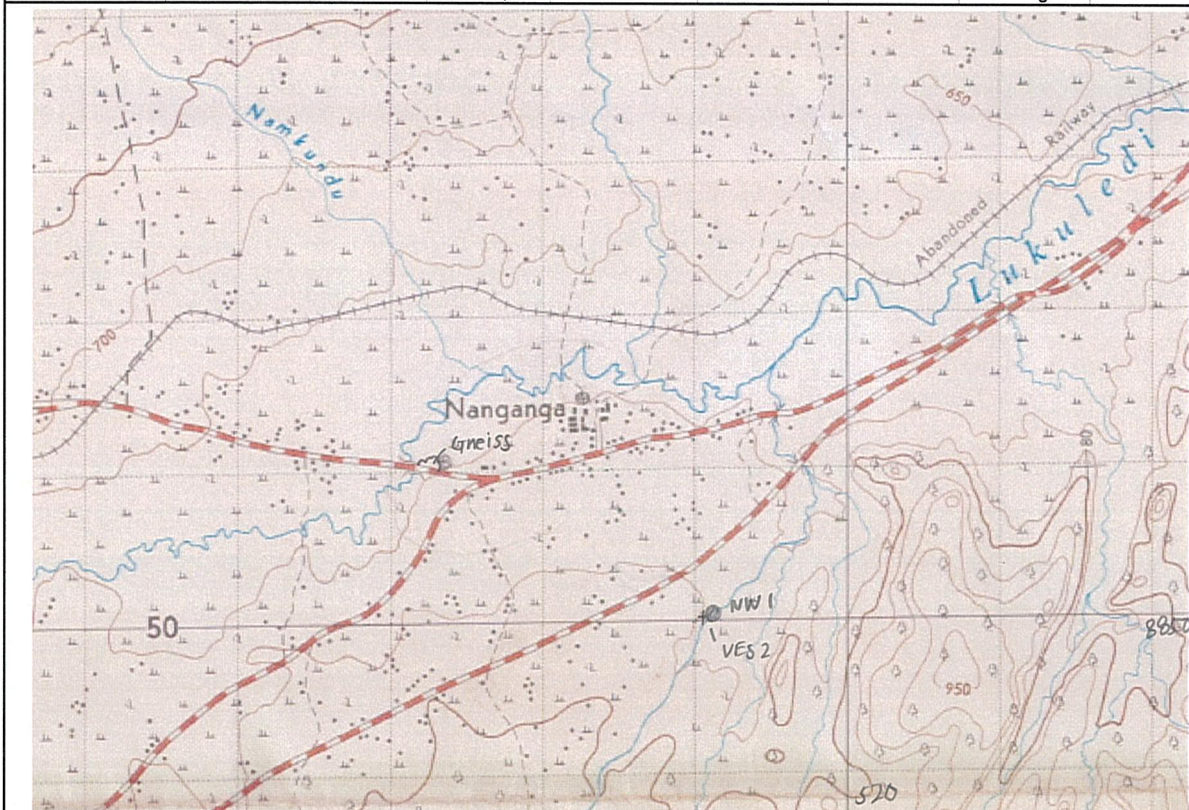
Groundwater Development Plan		Type				
Source No.	Coordination	EL (m)	SWL (estimation)	Drilling Depth	Hydrogeological Classification of the Site	
	N: E:		180 m	250 m		
	N: E:			m		
	N: E:			m		
	N: E:			m		
	N: E:			m		
	N: E:			m		

Remarks Covered by Kitangiri water scheme

Legend New hole ● Existing hole ○ Spring ♀

Village Name : Nanganga

Region	Mtwara	District	Masasi	Ward	
Coordination	E: 517 241	N: 8850 976	GPS	✓	Point Deitail <u>outcrop.</u>
Elevation	GPS 213 m	Altimeter 200 m	Contour	m	ft
Topographical feature	<u>Flood plain</u>				
Geology	Surface : <u>sand</u> Underground : <u>gneiss (Pyroxine Granite w/ bnd)</u>				
Geological Structure	Lineaments : Direction : Strike/Dip <u>EW / 60s of gneiss.</u>				
River Basin	<u>Lukuledi</u>				
Reference	Spring Name			Discharge	m
	Bore hole No	Drill Depth	m	SWL	m
	Bore hole No	Drill Depth	m	SWL	m



Vertical Electric Survey Result	Value range	16 - 28 Ωm	Sequence	10 - 50
Horizontal Electric Survey Result				

Comments
 VES1 (512 172 E VES2 (519 044
 8851 022 N (18) 8850 046 (236)

Groundwater Development Plan		Type				
Source No.	Coordination	EL (m)	SWL (estimation)	Drilling Depth	Hydrogeological Classification of the Site	
NW1	N: 519 200	E: 8850 100	230	10 m	50 (30) m	C (5~10 m ³ /h)
	N:	E:		m	m	
	N:	E:		m	m	
	N:	E:		m	m	
	N:	E:		m	m	
	N:	E:		m	m	

Remarks

Legend New hole Existing hole Spring