

DB-2

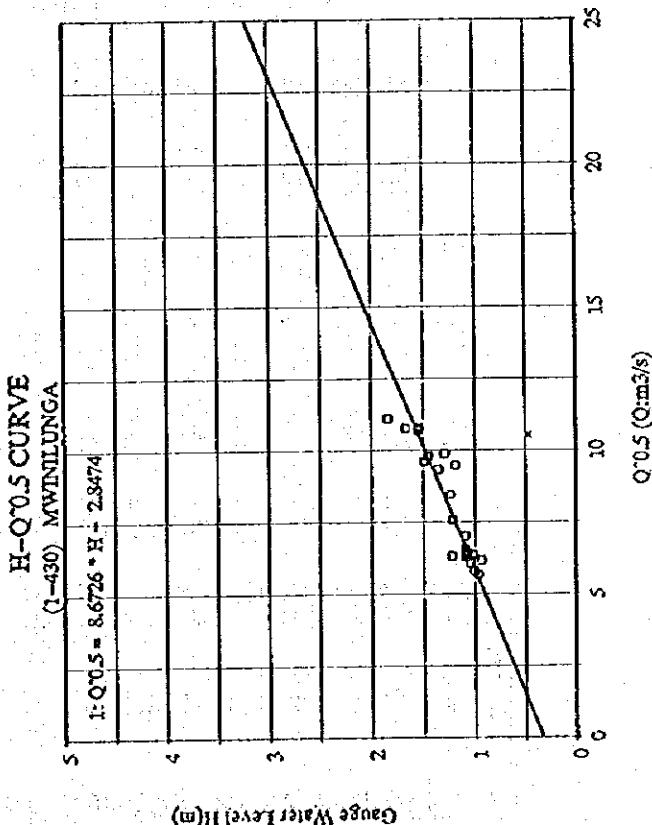
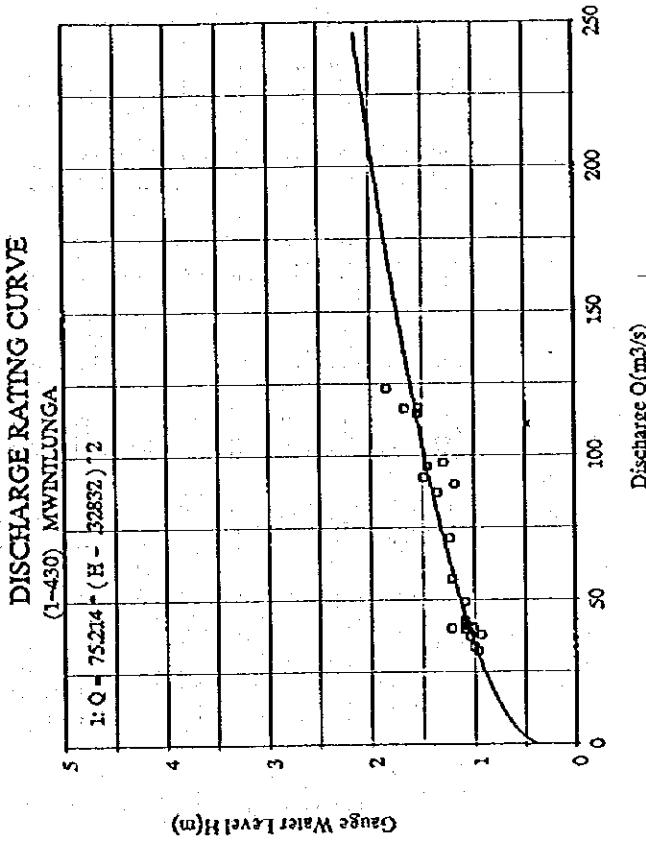
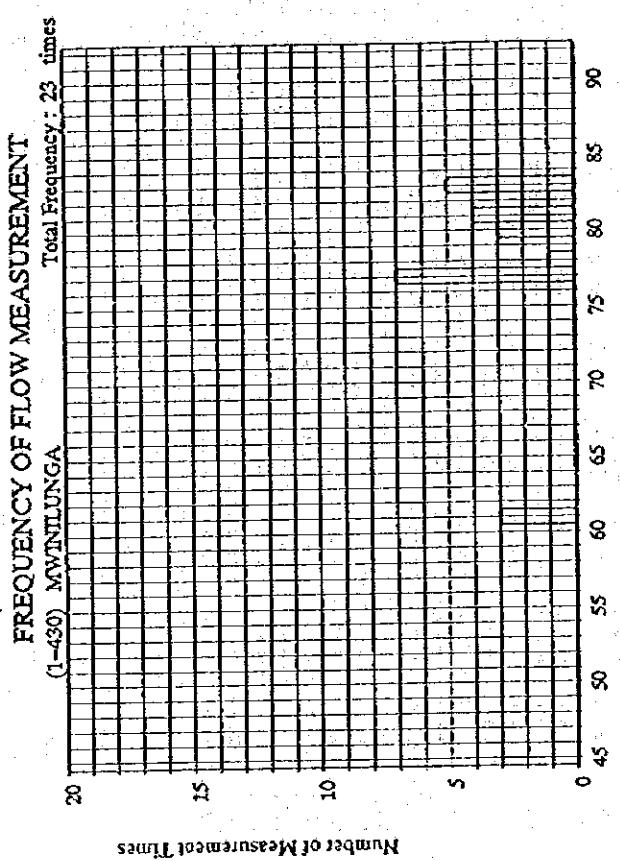
Hydrological Data

DB-2-1 Discharge Rating Curves and Monthly Discharge

DB-2-1 Discharge Rating Curves and Monthly Discharge

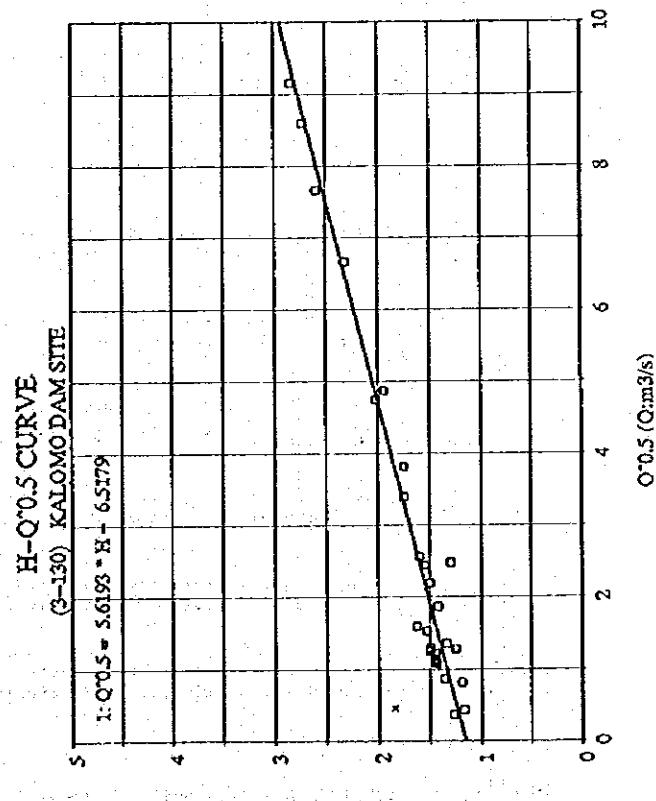
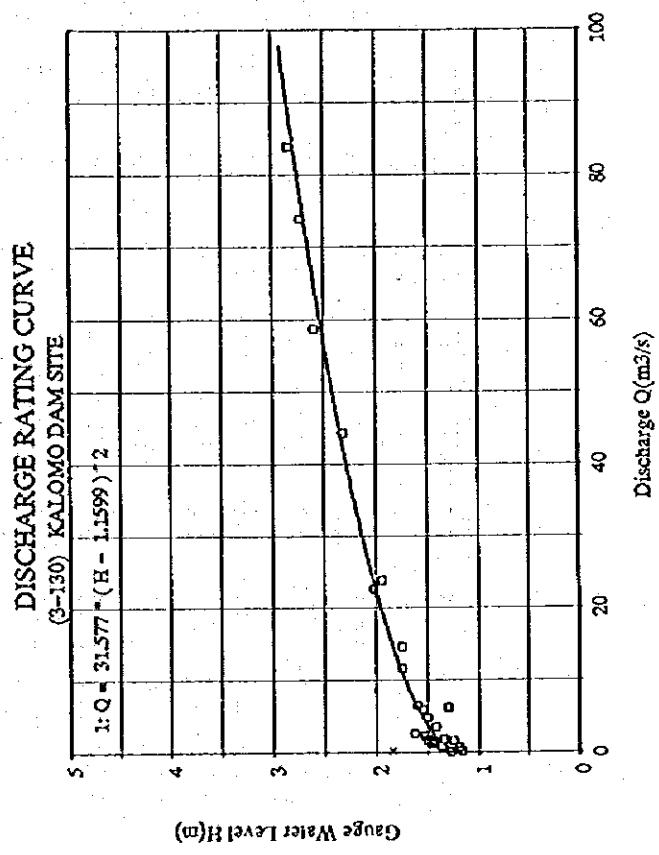
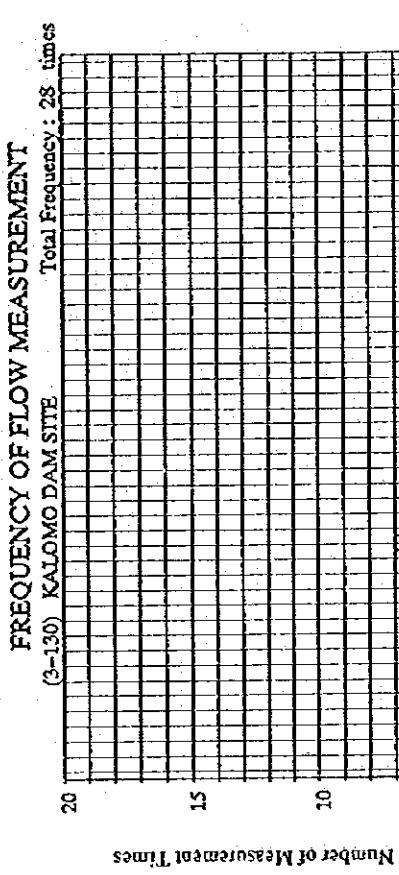
Hydrometric Stations

1-430	Mwinilunga	3-130	Kalomo Dam Site
4-090	Kafironda	4-245	Masaiti Road Bridge
4-505	Solwezi	4-620	Kasempa Pump House
4-850	Mutama Rapids	4-940	Shibuyunji
5-024	Ngwerere	5-025	Chongwe
5-029	Romor Farm	5-030	Exchange Farm
5-560	Madzimoyo Quarry	5-670	Lusiwashi (Masase)
5-755	M'kushi Boma	5-815	Mlungushi Bridge
6-330	Chishimba Falls	6-750	Mwenda Road Bridge
6-765	Chipili	6-400	Mbati

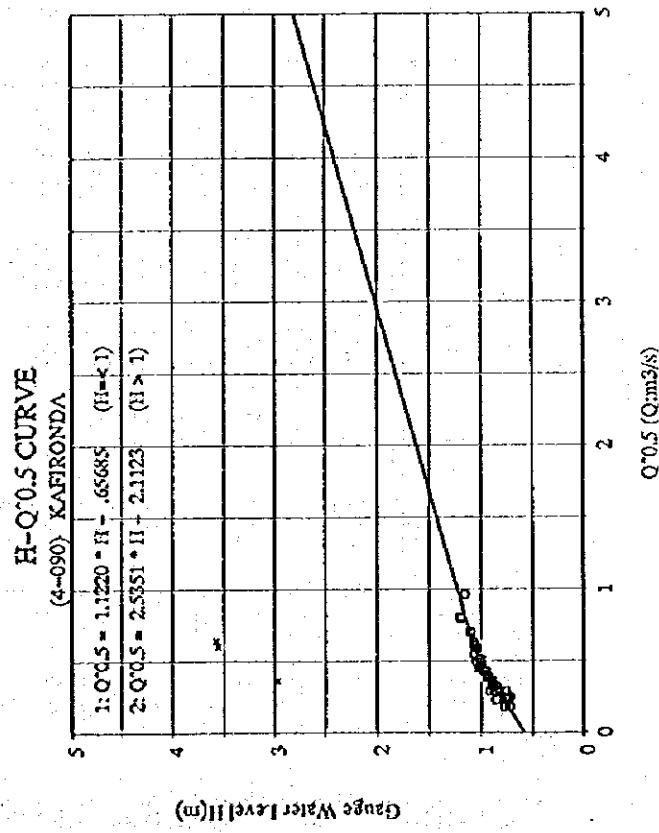
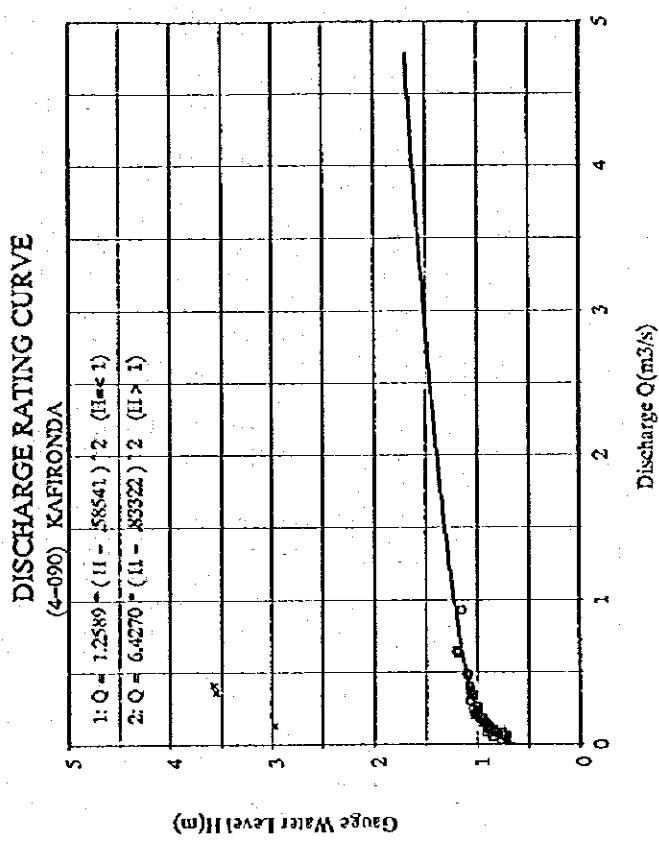
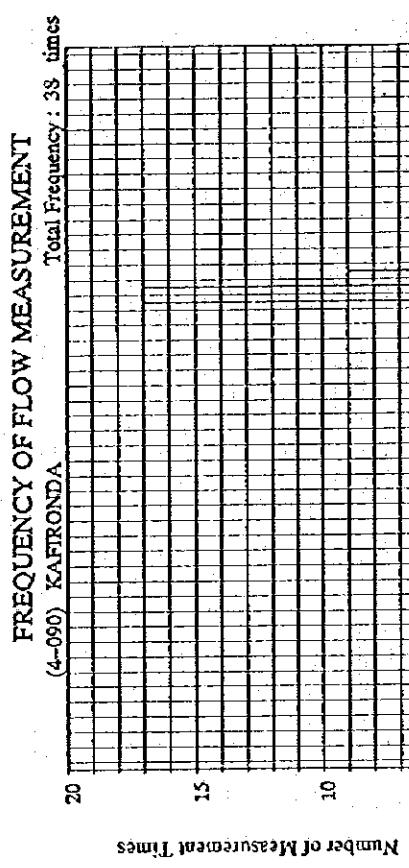


1953-1992
Flow Resumé Table by Station
C1-420) MN/NILLUNGA

Year	Dec.	Nov.	Oct.	Sept.	Aug.	Jul.	Jun.	May	Apr.	Mar.	Feb.	Jan.
1953	N.A.	N.A.	120.4	38.6	7.9	4.3	2.4	2.5	41.9	26.3	21.2	18.5
1954	0.3	3.5	50.4	42.5	8.9	4.3	2.1	2.1	39.1	164.3	131.1	90.1
1955	1.0	5.0	39.7	74.9	164.3	271.7	55.7	51.5	47.4	239.5	181.4	155.5
1956	29.1	52.8	79.7	48.2	29.1	33.6	33.5	37.1	29.1	155.5	144.2	122.2
1957	44.6	51.8	103.6	115.0	142.0	95.1	53.1	53.1	53.1	120.5	115.0	115.0
1958	25.2	41.5	56.5	72.3	85.8	293.9	120.5	66.9	48.1	150.5	115.0	115.0
1959	1959	23.7	29.7	33.9	49.1	305.1	204.6	109.3	109.3	109.3	109.3	109.3
1960	1960	30.6	49.1	55.5	108.0	N.A.	92.2	64.0	64.0	122.2	144.2	144.2
1961	1961	30.6	49.1	55.5	108.0	136.3	120.5	152.4	99.4	115.0	115.0	115.0
1962	1962	N.A.	28.5	41.5	56.5	39.0	142.0	142.0	142.0	142.0	142.0	142.0
1963	1963	35.2	48.2	72.3	85.8	293.9	179.4	250.5	179.4	179.4	179.4	179.4
1964	1964	35.5	44.3	72.6	109.3	109.3	109.3	109.3	109.3	109.3	109.3	109.3
1965	1965	33.9	39.8	49.0	55.7	88.8	227.3	159.8	159.8	159.8	159.8	159.8
1966	1966	38.7	45.0	59.4	90.6	174.4	311.6	244.6	244.6	244.6	244.6	244.6
1967	1967	40.5	68.4	98.1	112.2	212.0	410.4	249.8	249.8	249.8	249.8	249.8
1968	1968	53.4	74.9	103.6	103.6	N.A.	103.6	103.6	103.6	103.6	103.6	103.6
1969	1969	42.9	N.A.									
1970	1970	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1971	1971	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1972	1972	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1973	1973	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1974	1974	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1975	1975	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1976	41.6	44.1	57.0	105.3	132.6	159.3	186.0	71.2	53.0	154.2	202.7	89.3
1977	37.3	40.6	55.0	61.4	96.2	154.2	202.7	89.3	56.6	47.8	42.1	39.7
1978	54.0	54.0	95.3	153.6	220.8	298.3	157.6	61.1	50.9	45.2	39.7	44.9
1979	43.2	41.7	63.5	103.5	108.8	150.6	176.7	80.2	65.2	51.5	46.5	42.5
1980	41.7	49.5	70.5	74.8	87.0	170.6	132.0	62.6	51.1	45.5	42.0	37.9
1981	34.7	43.2	61.3	81.3	113.8	87.1	59.1	47.3	42.0	38.9	33.0	43.7
1982	34.9	43.5	61.1	86.7	118.6	163.9	113.2	76.8	65.0	43.7	39.3	25.5
1983	33.8	37.1	47.7	60.1	56.6	65.8	53.0	36.3	31.3	31.1	36.1	36.1
1984	23.3	29.1	47.3	55.4	75.7	91.8	84.8	37.1	33.2	30.5	30.2	30.2
1985	25.6	27.3	35.1	48.2	69.1	109.5	74.3	48.5	39.2	34.4	32.2	37.2
1986	34.9	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1987	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1988	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1989	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1990	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1991	3.5	13.9	29.5	205.3	228.9	295.2	191.9	105.3	59.1	16.8	31.7	29.3
Average	31.4	42.1	62.6	87.4	121.7	193.8	112.1	62.9	47.7	86.4	299.4	37.8
Ave(10)	25.9	30.2	62.6	44.2	62.6	153.0	164.2	136.6	68.7	82.8	216.2	32.8
Ave(20)	32.5	40.6	59.9	81.2	123.4	164.2	142.8	49.0	39.5	45.3	244.1	32.3
Ave(30)	34.0	44.2	66.8	92.3	135.5	196.6	142.8	49.0	37.6	40.4	299.5	80.4



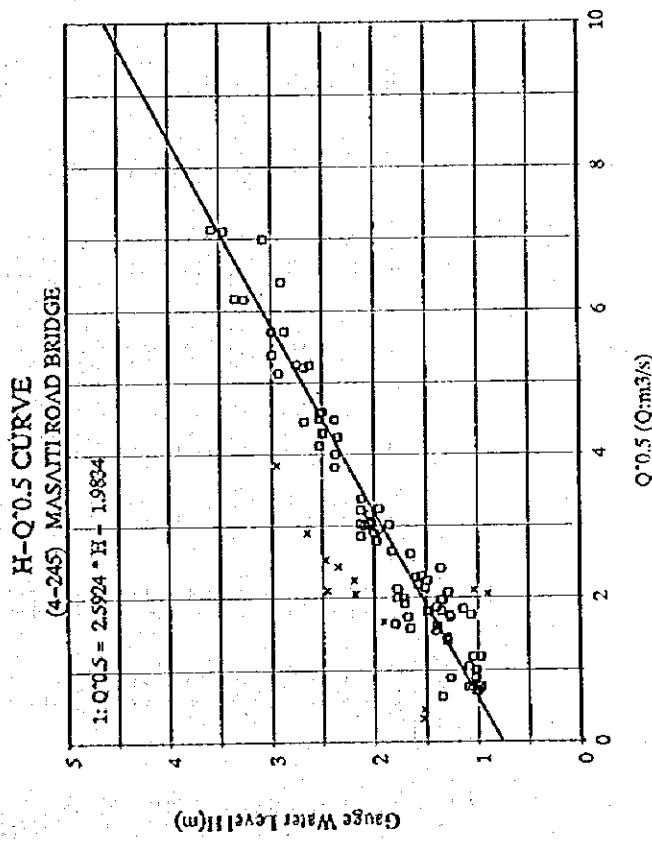
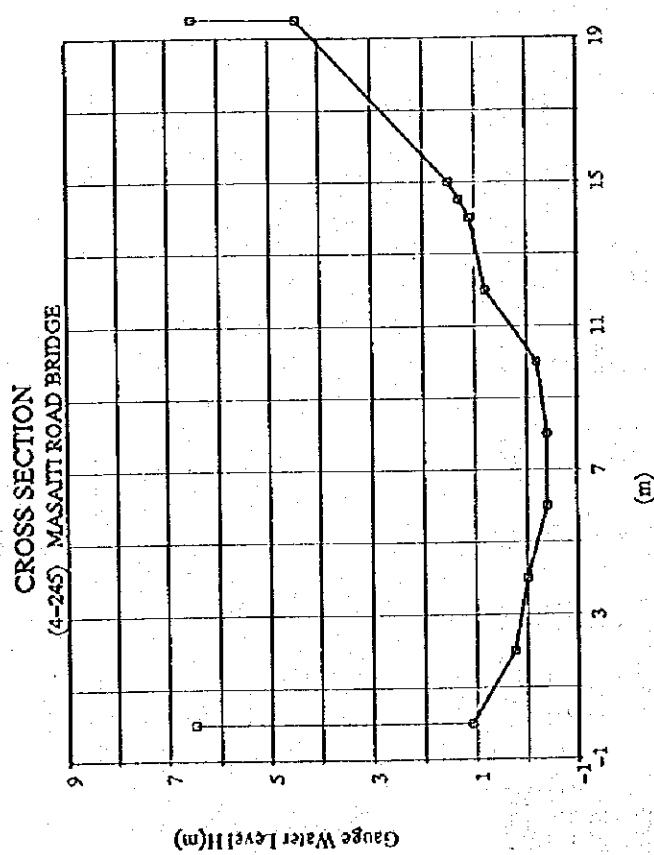
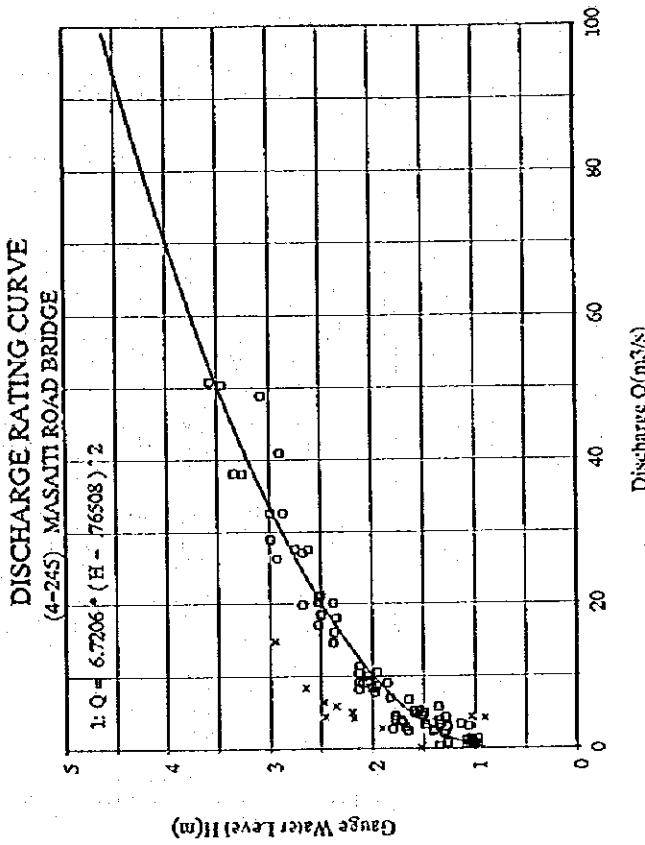
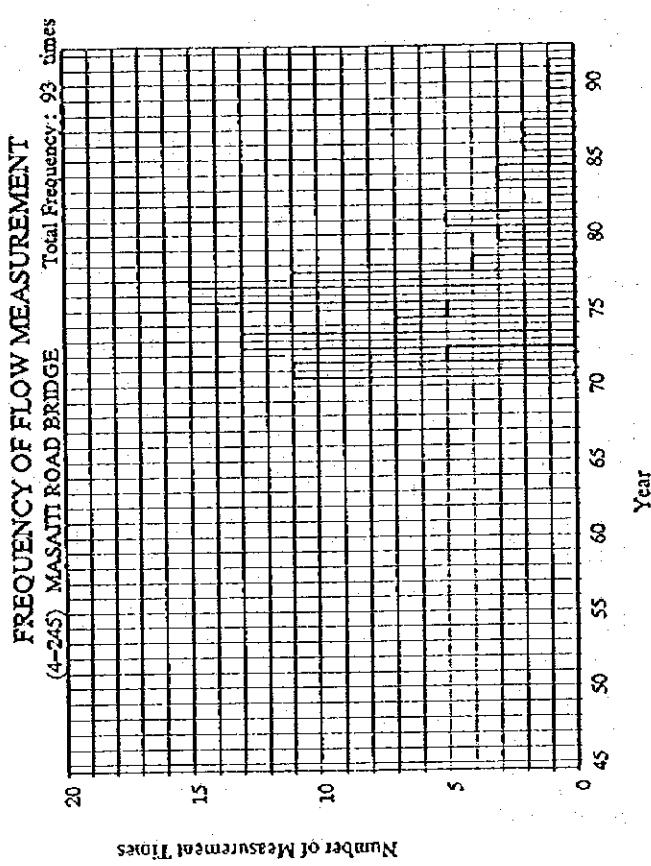
1957 1984 New Reserve Table by Station



DB-2-5

1959-1991
Flow Resume Table by Station
(4-090) KAFIRONDA

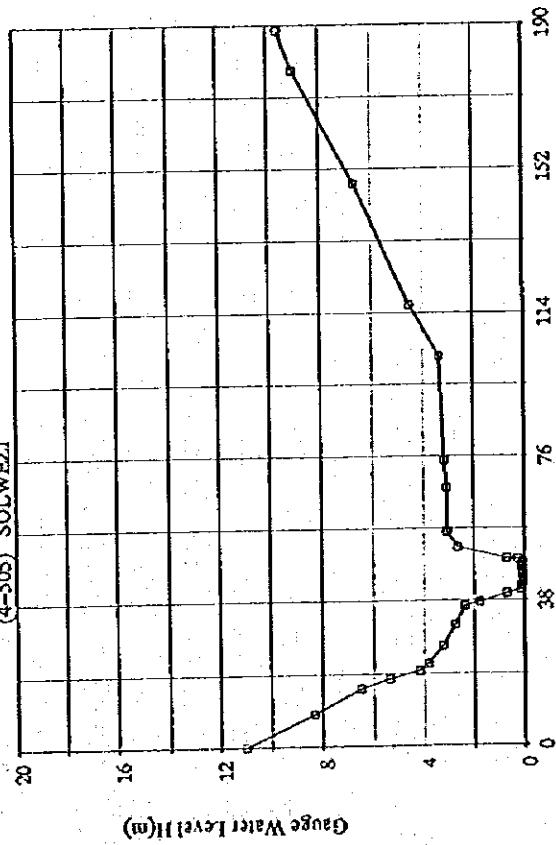
Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Sep.	Aug.	Total
1959	0.0	0.0	0.4	2.1	25.9	54.9	68.3	86.9	111.2	109.5	106.2	108.2	5025.4
1960	0.0	0.0	1.5	14.6	66.8	75.4	86.6	105.4	110.2	104.7	102.4	104.3	8879.1
1961	0.0	0.0	2.4	20.2	127.5	199.5	205.6	241.2	189.7	165.7	160.0	165.6	23946.3
1962	1.2	1.6	1.5	42.5	115.4	139.5	139.5	143.6	143.6	143.6	143.6	143.6	18255.5
1963	0.0	0.0	0.0	10.3	40.7	71.5	70.3	52.3	52.3	52.3	52.3	52.3	7901.8
1964	0.0	0.0	0.0	2.0	21.1	52.3	52.7	70.5	72.5	72.5	72.5	72.5	5833.8
1965	0.0	0.0	0.0	0.0	6.8	32.8	32.8	62.1	62.4	62.4	62.4	62.4	5928.4
1966	0.0	0.0	0.0	0.0	3.2	11.5	11.5	10.1	10.1	10.1	10.1	10.1	50.0
1967	0.0	0.0	0.0	0.0	6.5	46.8	46.8	41.8	41.8	41.8	41.8	41.8	35.4
1968	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0
1969	0.0	0.0	0.0	0.0	19.9	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
1970	0.0	0.0	0.0	0.0	70.5	121.7	121.7	107.0	107.0	107.0	107.0	107.0	109.5
1971	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1972	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1973	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1974	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1975	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1976	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1977	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1978	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1979	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1980	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1981	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1982	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1983	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1984	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1985	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1986	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1987	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1988	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1989	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1990	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Average	Ave(10)	Ave(20)	Ave(30)										



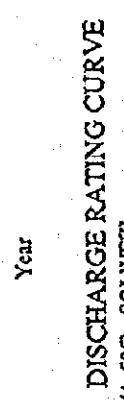
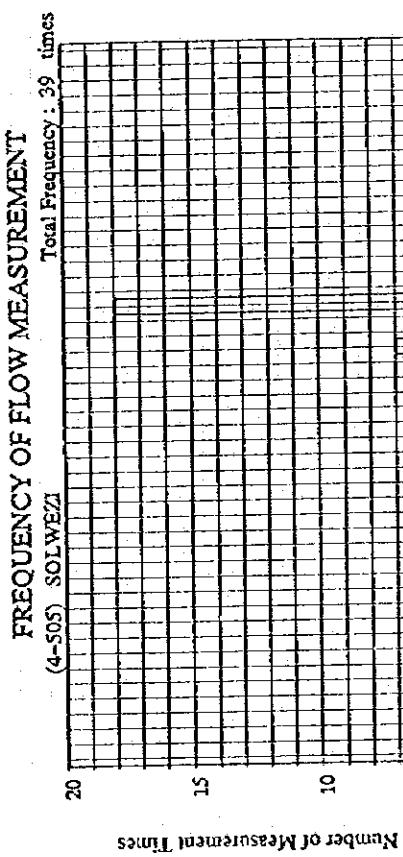
1971-1993
Flow Resume Table by Station
C4-245)MASALITI ROAD BRIDGE

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Sep.	Aug.	Jul.	Jun.	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.		
1971	1.7	2.2	1.7	3.9	15.7	24.1	12.3	20.7	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
1972	0.9	0.6	1.3	7.4	21.9	33.2	12.3	19.7	2.2	2.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
1973	0.5	1.1	0.6	1.8	24.4	35.5	10.2	19.0	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
1974	0.9	0.9	0.9	1.8	24.4	35.5	10.2	19.0	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
1975	2.4	2.4	2.4	1.8	35.5	44.5	10.2	19.0	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
1976	3.5	3.5	3.5	1.9	35.5	44.5	10.2	19.0	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
1977	10.2	10.2	9.8	9.4	22.0	34.8	12.3	19.7	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
1978	19.8	19.8	19.4	9.4	22.0	34.8	12.3	19.7	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
1979	4.8	4.8	4.8	17.1	23.4	33.2	12.3	19.7	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
1980	4.8	4.8	4.8	17.1	23.4	33.2	12.3	19.7	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
1981	4.4	4.4	4.4	5.6	11.1	24.1	17.7	15.7	10.2	8.4	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
1982	4.4	4.4	4.4	5.6	11.1	24.1	17.7	15.7	10.2	8.4	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
1983	4.4	4.4	4.4	5.6	11.1	24.1	17.7	15.7	10.2	8.4	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
1984	4.8	4.8	4.8	5.6	11.1	24.1	17.7	15.7	10.2	8.4	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
1985	4.8	4.8	4.8	5.6	11.1	24.1	17.7	15.7	10.2	8.4	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
1986	4.8	4.8	4.8	5.6	11.1	24.1	17.7	15.7	10.2	8.4	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
1987	4.8	4.8	4.8	5.6	11.1	24.1	17.7	15.7	10.2	8.4	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
1988	4.8	4.8	4.8	5.6	11.1	24.1	17.7	15.7	10.2	8.4	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
1989	4.8	4.8	4.8	5.6	11.1	24.1	17.7	15.7	10.2	8.4	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
1990	4.8	4.8	4.8	5.6	11.1	24.1	17.7	15.7	10.2	8.4	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
1991	4.8	4.8	4.8	5.6	11.1	24.1	17.7	15.7	10.2	8.4	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
1992	4.8	4.8	4.8	5.6	11.1	24.1	17.7	15.7	10.2	8.4	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
Average																								
Ave(10)																								
Ave(20)																								
Ave(30)																								

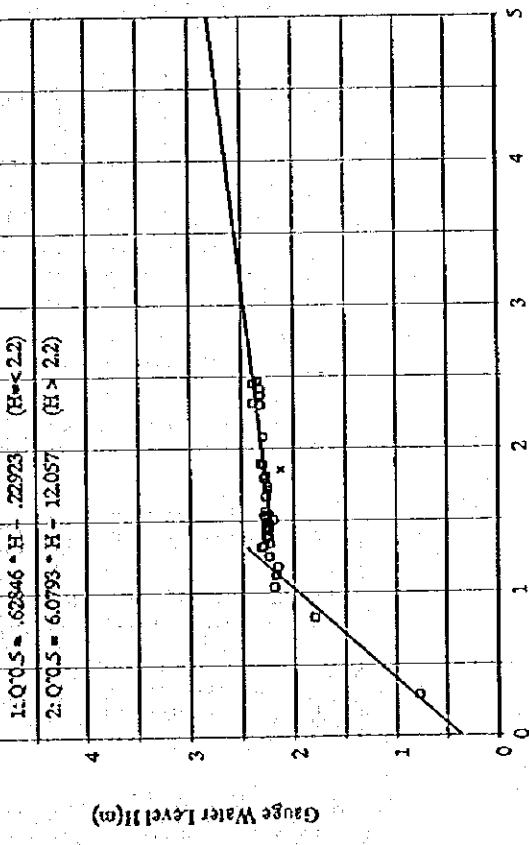
CROSS SECTION
(4-505) SOLWEZ



(m)



Year

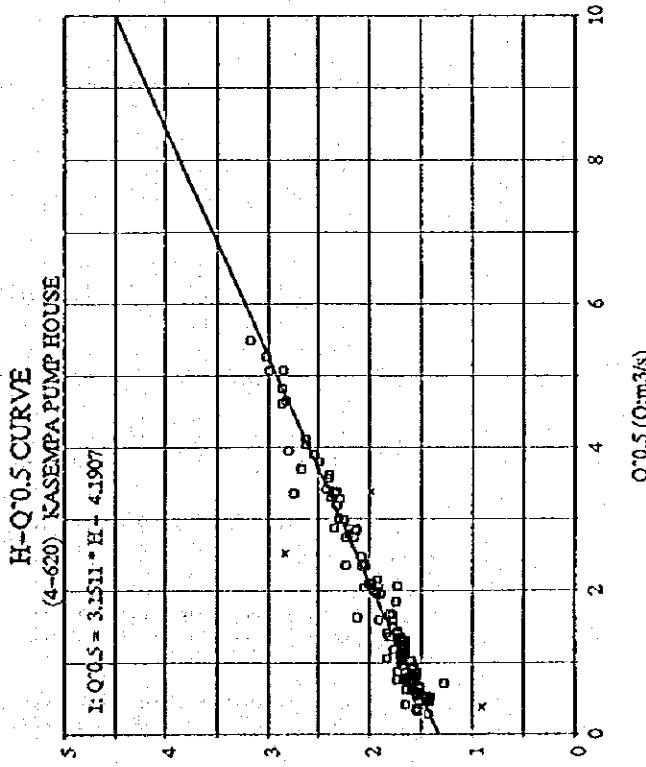
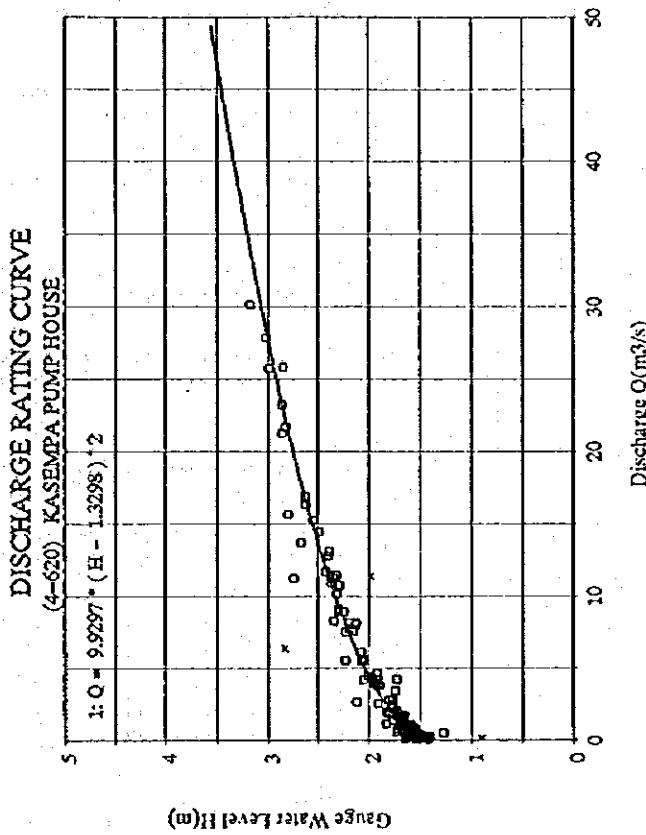
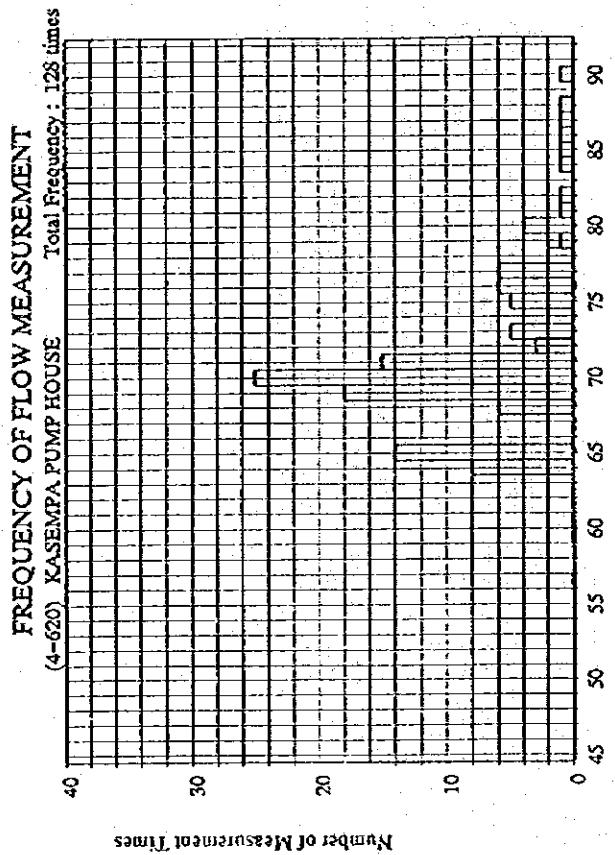


DB-2-9

0 1 2 3 4 5
0 0 2 4 6 8 10
Gauge Water Level H (m)
Discharge Q (m³/s)

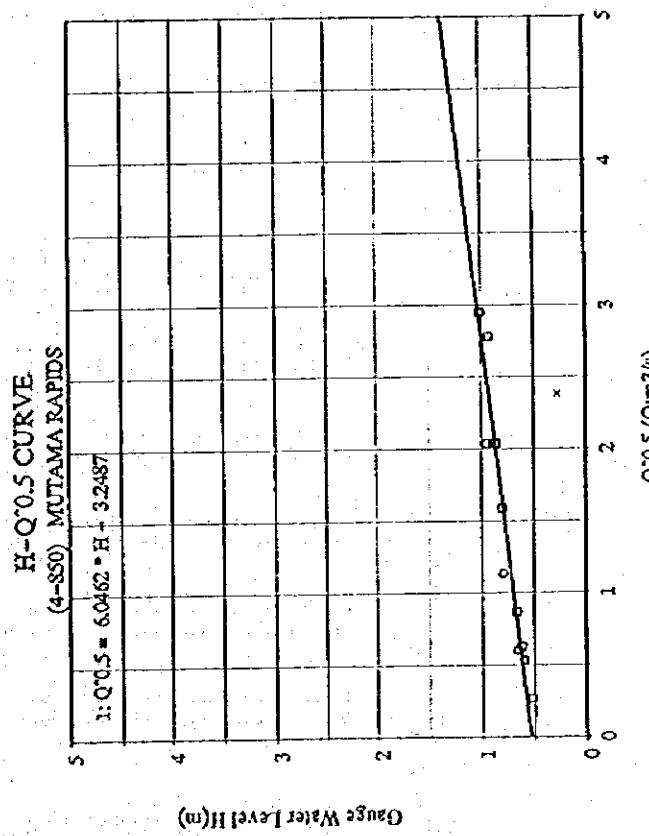
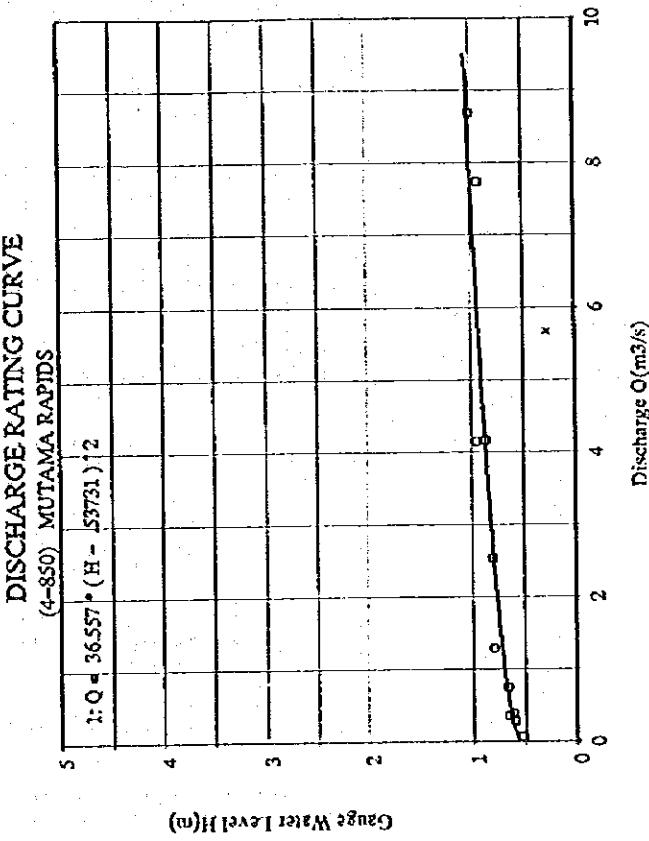
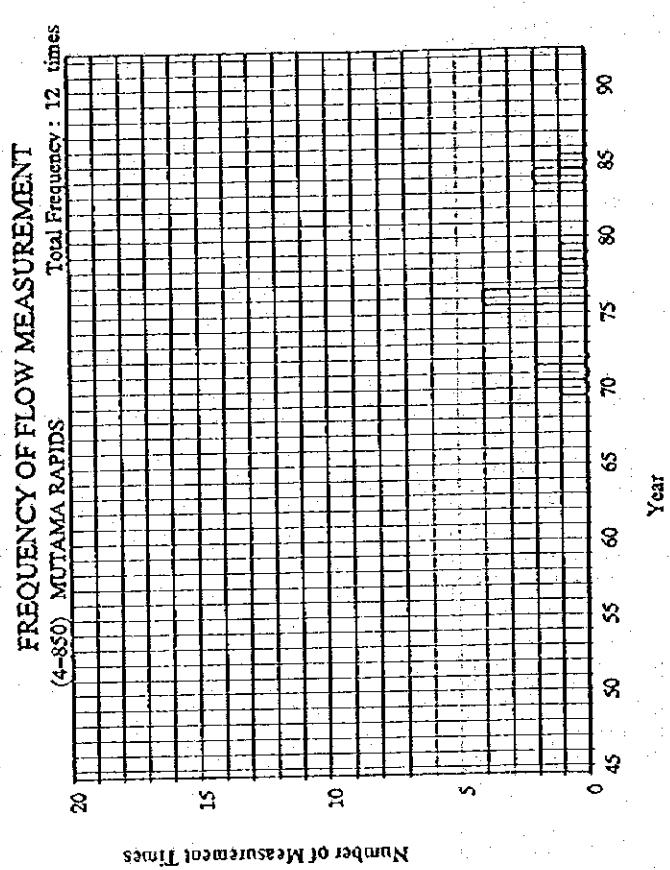
1971-1985
Flow Resume Table by Station
(4-503) SOLWEZI

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Total
1971	2.1	2.4	2.5	3.3	2.8	3.0	2.7	2.5	3.2	2.4	2.5	2.2	1085.2
1972	1.7	1.1	1.5	2.9	2.4	3.2	2.5	2.5	3.0	2.5	2.5	2.0	724.4
1973	1.1	1.1	1.4	2.4	2.7	3.2	4.5	4.8	5.7	4.7	4.8	3.9	711.5
1974	1.8	2.5	2.5	3.3	3.1	3.3	4.5	4.2	5.7	4.8	4.2	3.6	139.2
1975	2.2	2.1	2.1	2.2	2.1	2.2	2.5	2.2	2.5	2.1	2.1	1.9	123.9
1976	2.1	2.1	2.1	2.2	2.1	2.2	2.3	2.1	2.1	2.1	2.1	1.9	103.4
1977	1.7	1.4	2.9	2.4	2.7	3.0	3.2	3.0	3.0	3.1	3.0	2.7	151.3
1978	1.7	1.7	4.8	5.7	5.7	6.0	6.0	6.0	6.0	6.0	6.0	5.7	1674.3
1979	2.1	2.1	3.2	3.2	3.2	3.2	3.5	3.5	3.5	3.5	3.5	3.5	163.0
1980	2.2	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1426.7
1981	2.7	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	148.8
1982	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3.0
1983	N.A.	103.4											
1984	N.A.	432.5											
Average													638.9
Ave(10)													139.1
Ave(20)													161.6
Ave(30)													N.A.



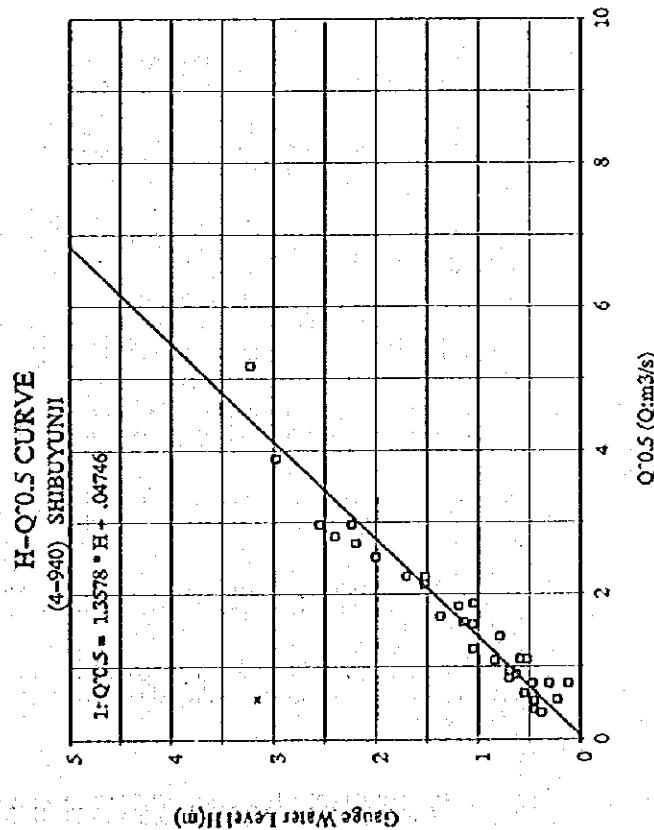
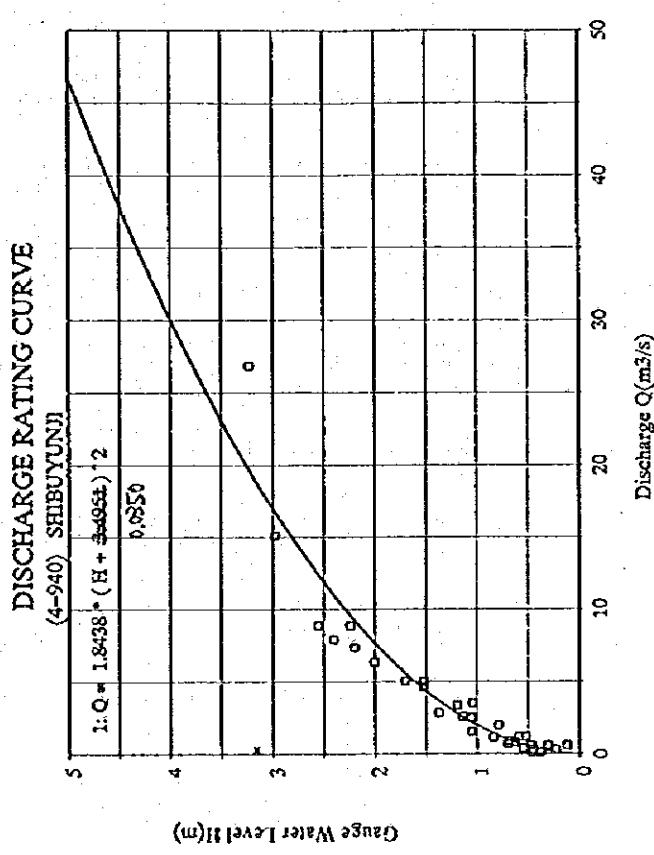
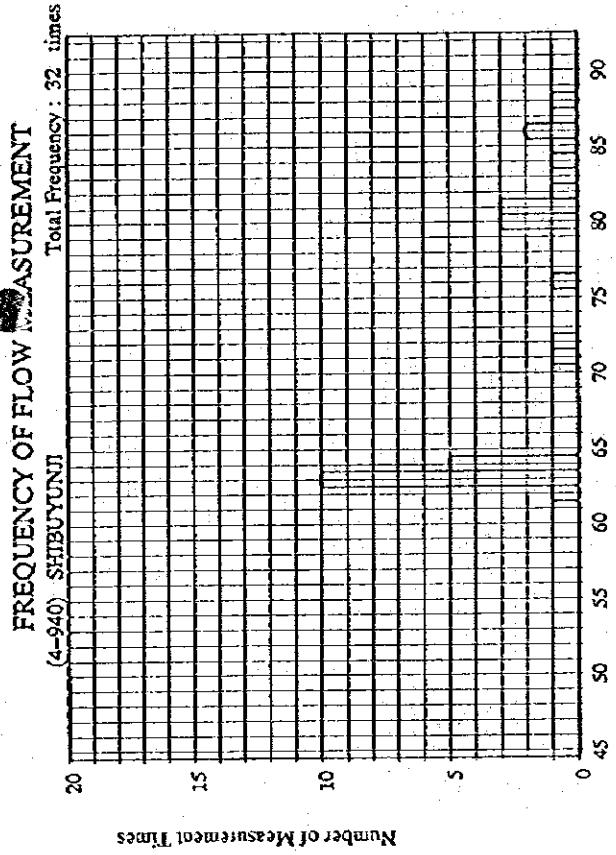
1963-1994
Flow Resume Table by Station
(4-620) KASENPA PUMP HOUSE

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1963	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1964	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1965	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1966	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1967	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1968	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1969	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1970	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1971	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1972	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1973	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1974	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1975	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1976	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1977	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1978	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1979	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1980	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1981	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1982	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1983	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1984	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1985	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1986	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1987	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1988	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1989	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1990	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1991	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1992	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1993	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0
1994	1.2	1.6	2.1	2.5	3.1	4.1	4.5	5.0	5.5	6.0	6.5	7.0



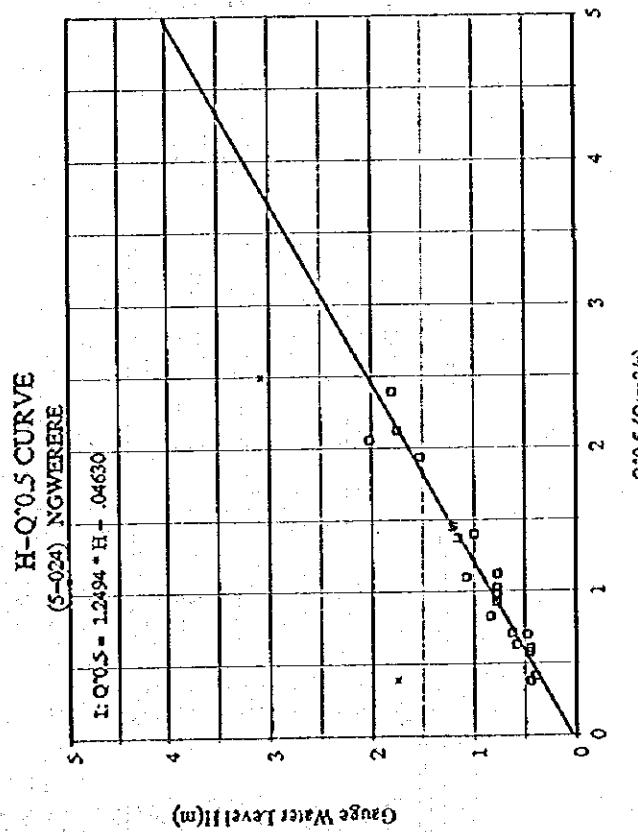
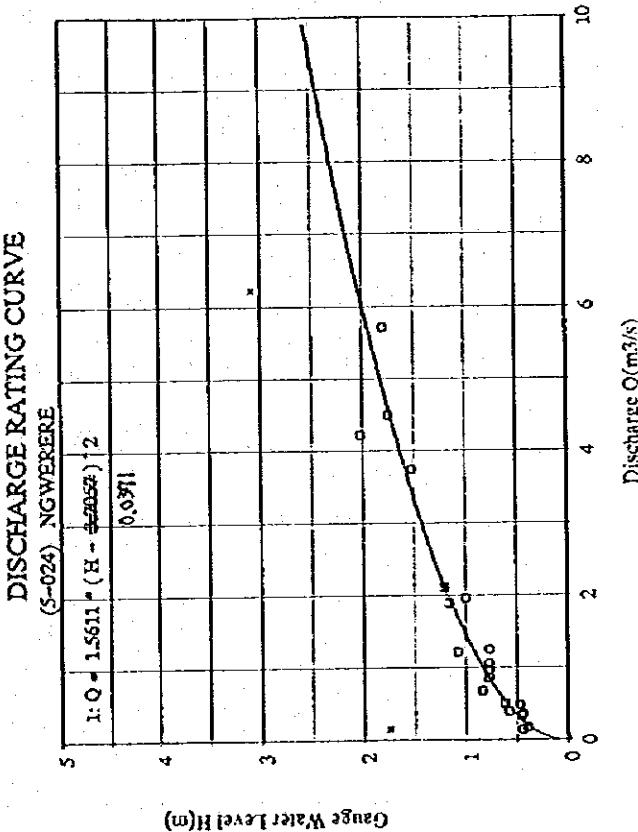
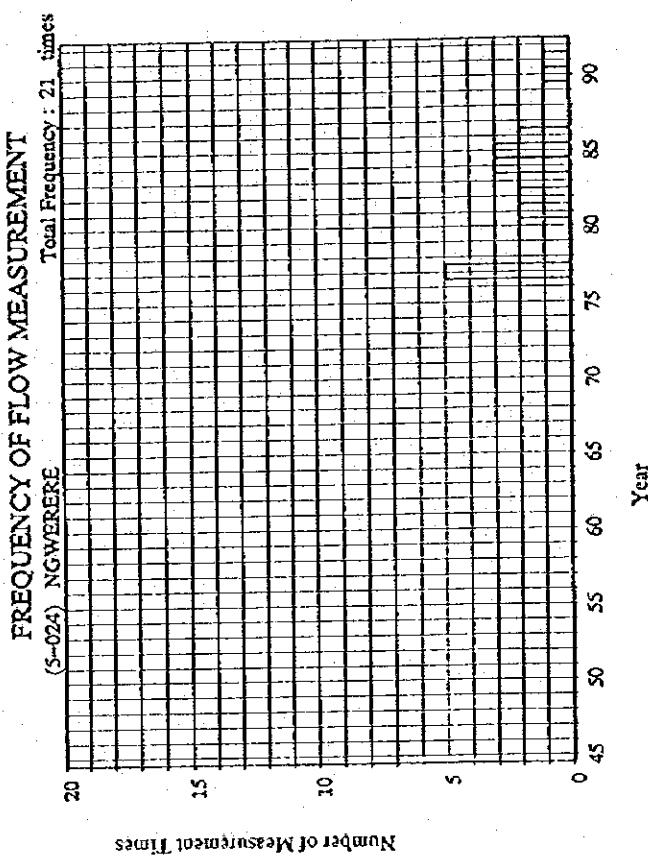
1963-1987
Flow Resumé Table by Station
(4-850) MULAMA RAPIDS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1963	4.9	8.0	7.7	6.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	529.6
1964	20.2	23.9	16.9	12.5	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	1076.0
1965	2.2	4.8	8.4	6.1	5.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7	1460.0
1966	0.1	2.7	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	492.7
1967	N.A.	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	359.8
1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2470.2
1969	62.9	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	4222.9
1970	17.3	22.1	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	1669.4
1971	N.A.	17.7	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	1044.1
1972	12.1	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	1166.0
1973	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	6027.8
1974	17.0	13.8	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	3147.7
1975	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	9.4
1976	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.7
1977	35.9	100.4	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	1086.1
1978	6.7	11.3	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	1118.8
1979	17.2	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	529.6
1980	32.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	5935.4
1981	0.1	2.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	1624.9
1982	26.1	2.1	29.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	2131.1
1983	2.1	14.2	0.7	4.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	4968.4
1984	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1136.1
1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1
1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	249.4
Average	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2752.0
Ave(10)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6
Ave(20)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3547.4
Ave(30)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2999.4



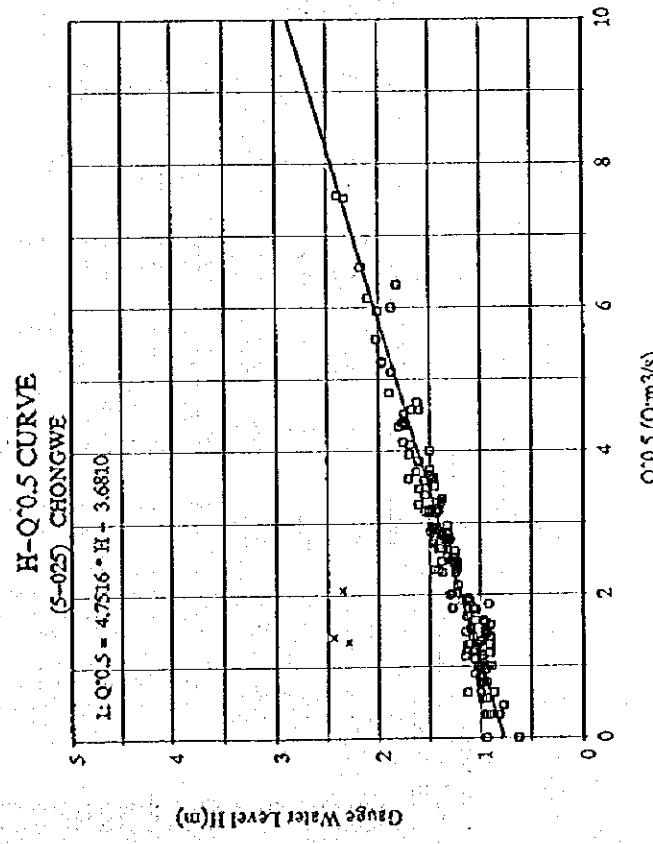
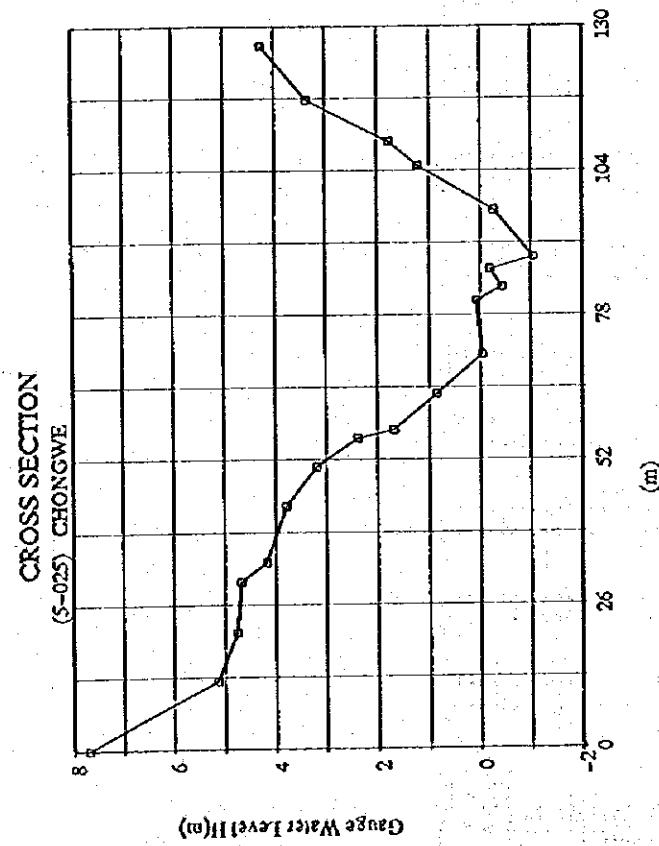
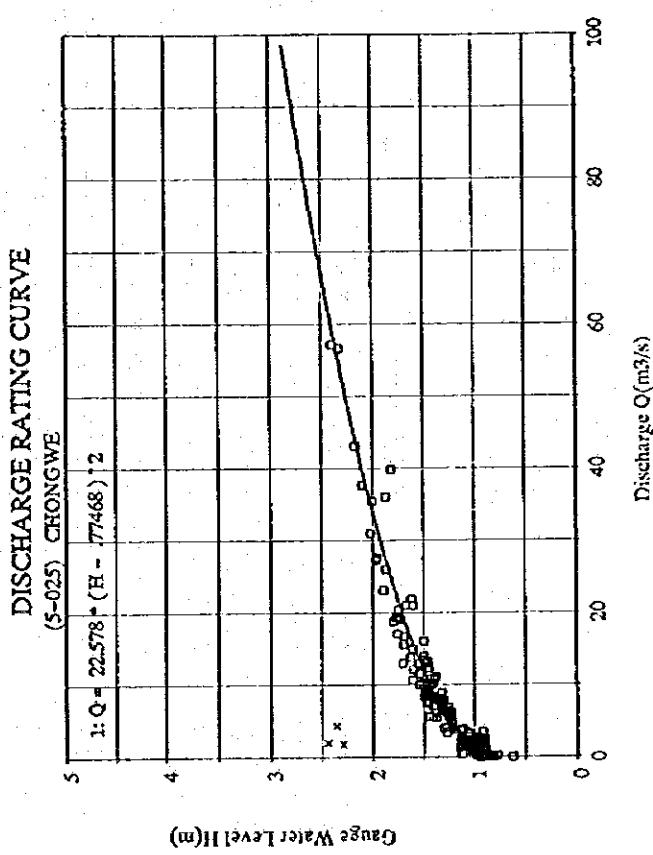
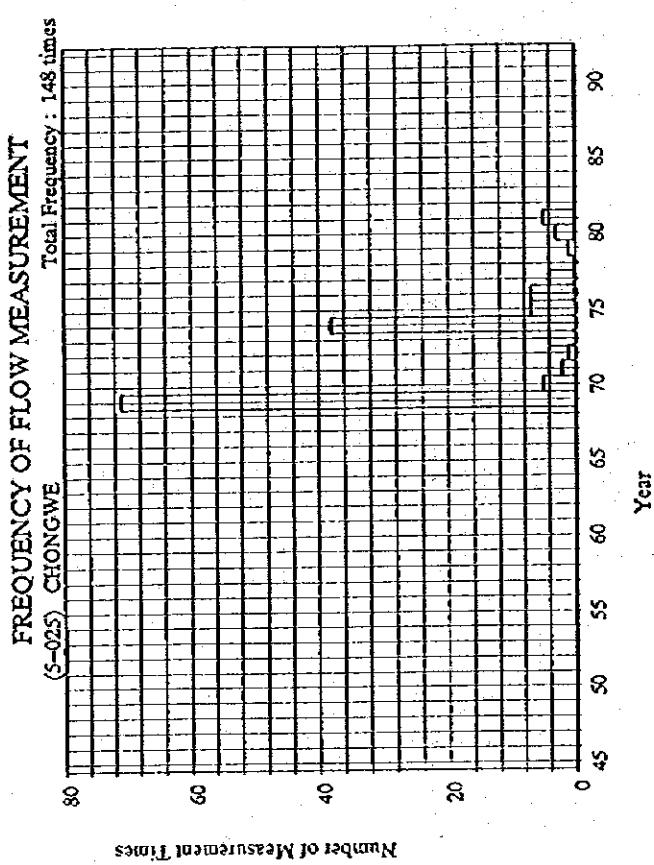
Flow Resume Table by Station
(4-940) SHIBUNJI

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1962	0.5	2.4	0.34	0.002	1.1	3.000	1.1	0.001	1.000	0.000	0.000	0.000	0.000	0.000	0.000
1963	0.2	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1964	0.5	2.4	0.34	0.002	1.1	3.000	1.1	0.001	1.000	0.000	0.000	0.000	0.000	0.000	0.000
1965	0.2	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1966	0.5	2.4	0.34	0.002	1.1	3.000	1.1	0.001	1.000	0.000	0.000	0.000	0.000	0.000	0.000
1967	0.2	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1968	0.5	2.4	0.34	0.002	1.1	3.000	1.1	0.001	1.000	0.000	0.000	0.000	0.000	0.000	0.000
1969	0.2	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1970	0.5	2.4	0.34	0.002	1.1	3.000	1.1	0.001	1.000	0.000	0.000	0.000	0.000	0.000	0.000
1971	0.2	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1972	0.5	2.4	0.34	0.002	1.1	3.000	1.1	0.001	1.000	0.000	0.000	0.000	0.000	0.000	0.000
1973	0.2	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1974	0.5	2.4	0.34	0.002	1.1	3.000	1.1	0.001	1.000	0.000	0.000	0.000	0.000	0.000	0.000
1975	0.2	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1976	0.5	2.4	0.34	0.002	1.1	3.000	1.1	0.001	1.000	0.000	0.000	0.000	0.000	0.000	0.000
1977	0.2	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1978	0.5	2.4	0.34	0.002	1.1	3.000	1.1	0.001	1.000	0.000	0.000	0.000	0.000	0.000	0.000
1979	0.2	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1980	0.5	2.4	0.34	0.002	1.1	3.000	1.1	0.001	1.000	0.000	0.000	0.000	0.000	0.000	0.000
1981	0.2	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1982	0.5	2.4	0.34	0.002	1.1	3.000	1.1	0.001	1.000	0.000	0.000	0.000	0.000	0.000	0.000
1983	0.2	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1984	0.5	2.4	0.34	0.002	1.1	3.000	1.1	0.001	1.000	0.000	0.000	0.000	0.000	0.000	0.000
1985	0.2	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1986	0.5	2.4	0.34	0.002	1.1	3.000	1.1	0.001	1.000	0.000	0.000	0.000	0.000	0.000	0.000
1987	0.2	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1988	0.5	2.4	0.34	0.002	1.1	3.000	1.1	0.001	1.000	0.000	0.000	0.000	0.000	0.000	0.000
1989	0.2	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1990	0.5	2.4	0.34	0.002	1.1	3.000	1.1	0.001	1.000	0.000	0.000	0.000	0.000	0.000	0.000
1991	0.2	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
												Average			
												Ave(10)			
												Ave(20)			
												Ave(30)			



1977-1992
Flow Resume Table by Station
(5-024)NGHERERE

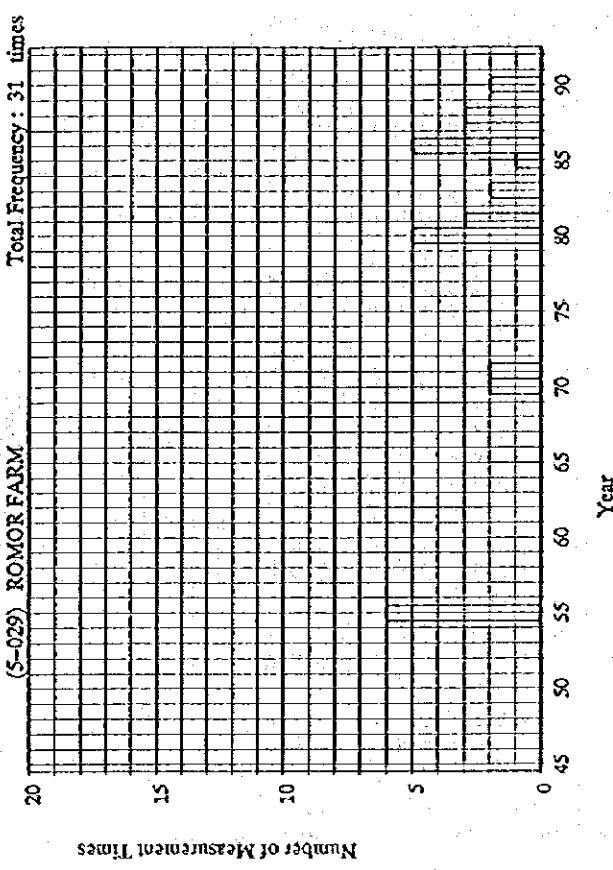
Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total	Average	Min.	Max.
1977	0.6	0.7	3.7	N.A.	N.A.	3.3	1.5	2.8	2.3	2.3	1.7	1.3	1.7	1.5	1.5	104.0	3.6	0.4	12.7
1978	1.1	1.0	6.3	2.8	2.5	3.3	2.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	63.5	3.2	0.4	12.3
1979	1.5	1.0	5.4	1.7	1.0	1.4	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	63.5	3.2	0.4	12.3
1980	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	63.5	3.2	0.4	12.3
1981	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	63.5	3.2	0.4	12.3
1982	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	63.5	3.2	0.4	12.3
1983	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	63.5	3.2	0.4	12.3
1984	0.2	N.A.	63.5	3.2	0.4	12.3													
1985	0.2	N.A.	63.5	3.2	0.4	12.3													
1986	0.6	N.A.	63.5	3.2	0.4	12.3													
1987	0.2	N.A.	63.5	3.2	0.4	12.3													
1988	N.A.	63.5	3.2	0.4	12.3														
1989	0.3	N.A.	63.5	3.2	0.4	12.3													
1990	0.3	N.A.	63.5	3.2	0.4	12.3													
1991	0.3	N.A.	63.5	3.2	0.4	12.3													
Average	0.5	N.A.	63.5	3.2	0.4	12.3													
Ave(10)	0.5	N.A.	63.5	3.2	0.4	12.3													
Ave(20)	0.5	N.A.	63.5	3.2	0.4	12.3													
Ave(30)	0.5	N.A.	63.5	3.2	0.4	12.3													



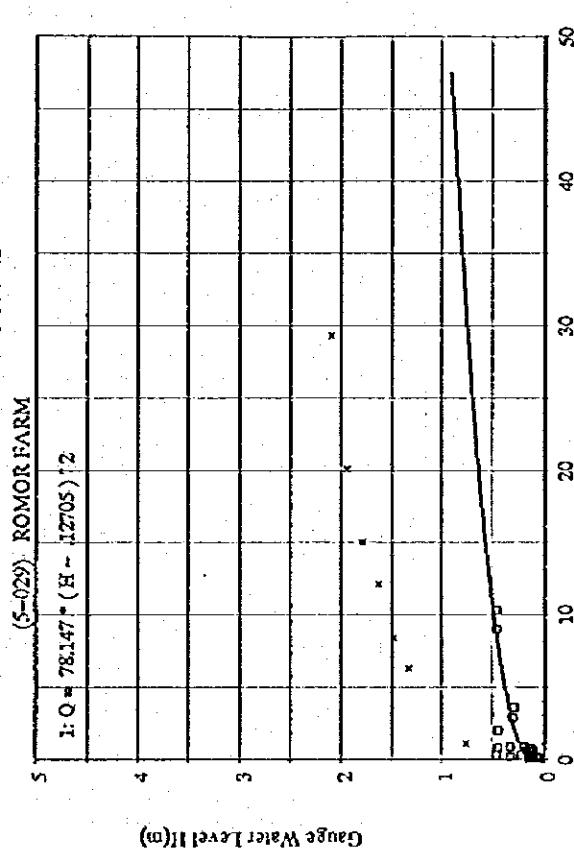
1968-1993
Flow Reserve Table by Station
C-5-(25)CHONGWE

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Sep.	Max.	Total:
1968	N.A.	N.A.	0.6	7.9	7.6	7.0	4.9	0.8	0.3	0.1	0.0	18.9	846.4
1969	N.A.	N.A.	0.8	2.3	2.5	2.0	1.7	1.5	1.5	1.9	2.9	2.9	N.A.
1970	N.A.	N.A.	0.1	3.3	3.3	2.5	2.5	2.5	2.5	2.5	0.0	N.A.	N.A.
1971	N.A.	N.A.	1.1	10.1	10.1	9.0	8.0	7.5	7.5	7.5	0.0	N.A.	N.A.
1972	N.A.	N.A.	1.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	0.0	N.A.	N.A.
1973	N.A.	N.A.	0.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.0	N.A.	N.A.
1974	N.A.	N.A.	0.2	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.0	N.A.	N.A.
1975	0.2	0.8	1.5	2.1	2.1	2.0	1.7	1.5	1.5	1.5	0.0	1.5	1.5
1976	0.5	2.9	1.1	3.3	3.3	2.5	2.5	2.5	2.5	2.5	0.0	3.3	3.3
1977	0.1	0.1	10.1	59.1	59.1	52.9	52.9	52.9	52.9	52.9	0.0	52.9	52.9
1978	0.3	0.1	1.3	6.0	6.0	5.2	5.2	5.2	5.2	5.2	0.0	5.2	5.2
1979	0.6	1.1	1.7	6.6	6.6	5.6	5.6	5.6	5.6	5.6	0.0	5.6	5.6
1980	0.6	1.1	1.7	12.4	12.4	11.5	11.5	11.5	11.5	11.5	0.0	11.5	11.5
1981	0.6	1.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.0	1.7	1.7
1982	0.1	0.1	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	0.0	15.0	15.0
1983	0.6	1.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.0	1.7	1.7
1984	0.6	1.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.0	1.7	1.7
1985	0.2	0.8	2.9	3.3	3.3	2.5	2.5	2.5	2.5	2.5	0.0	2.5	2.5
1986	0.5	1.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.0	1.7	1.7
1987	0.1	0.1	1.3	59.1	59.1	52.9	52.9	52.9	52.9	52.9	0.0	52.9	52.9
1988	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1989	0.2	0.5	2.1	4.4	4.4	3.5	3.5	3.5	3.5	3.5	0.0	3.5	3.5
1990	0.5	1.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.0	1.7	1.7
1991	1.0	2.2	2.7	3.0	3.0	2.7	2.7	2.7	2.7	2.7	0.0	2.7	2.7
1992	N.A.	N.A.	0.8	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.0	0.9	0.9
Average	0.8	0.7	0.9	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.0	0.9	0.9
Ave(10)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0
Ave(20)	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.0	0.8	0.8
Ave(30)	N.A.	0.0	N.A.	N.A.									

FREQUENCY OF FLOW MEASUREMENT

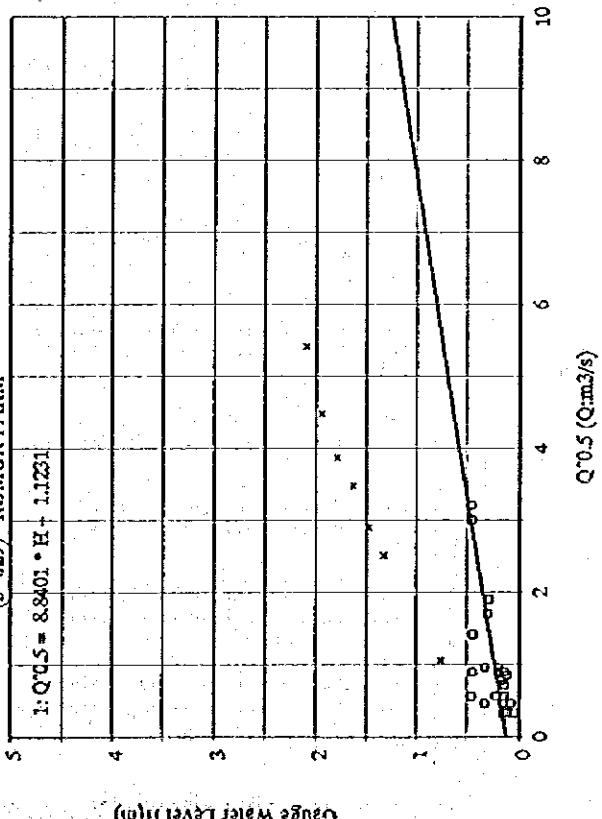


DISCHARGE RATING CURVE



H-Q^{0.5} CURVE

(S-029) ROMOR FARM

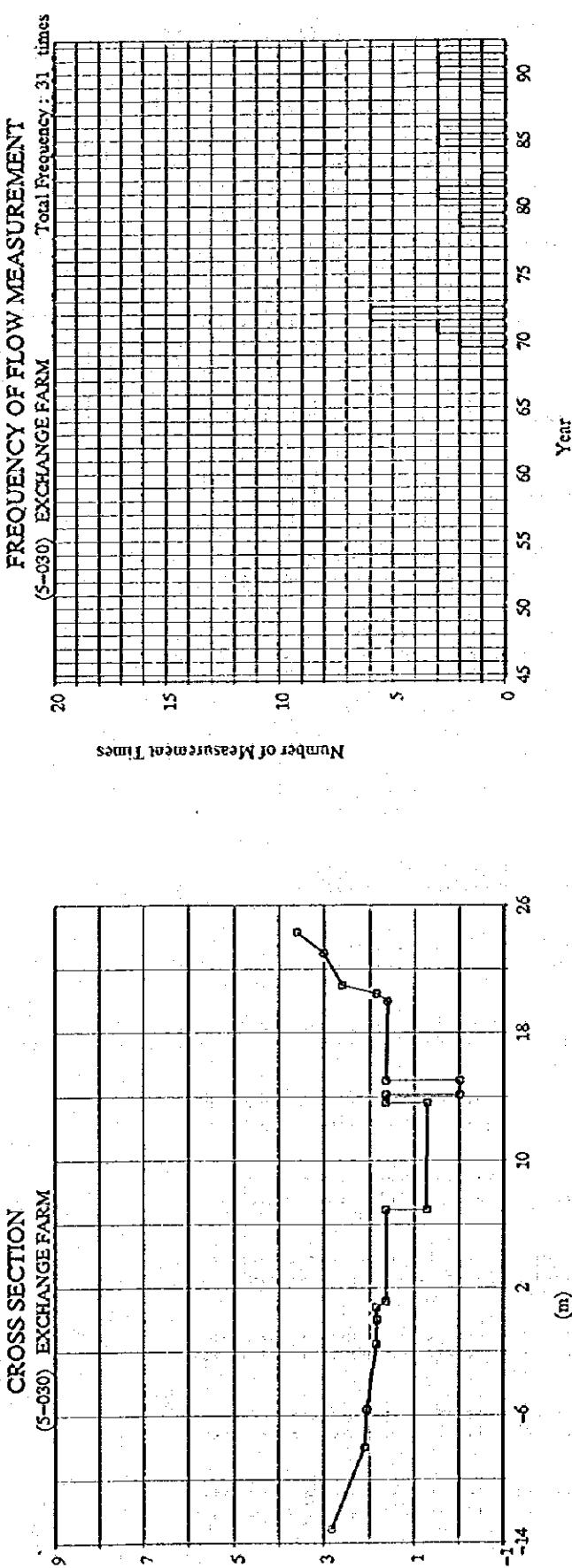


DB-2-21

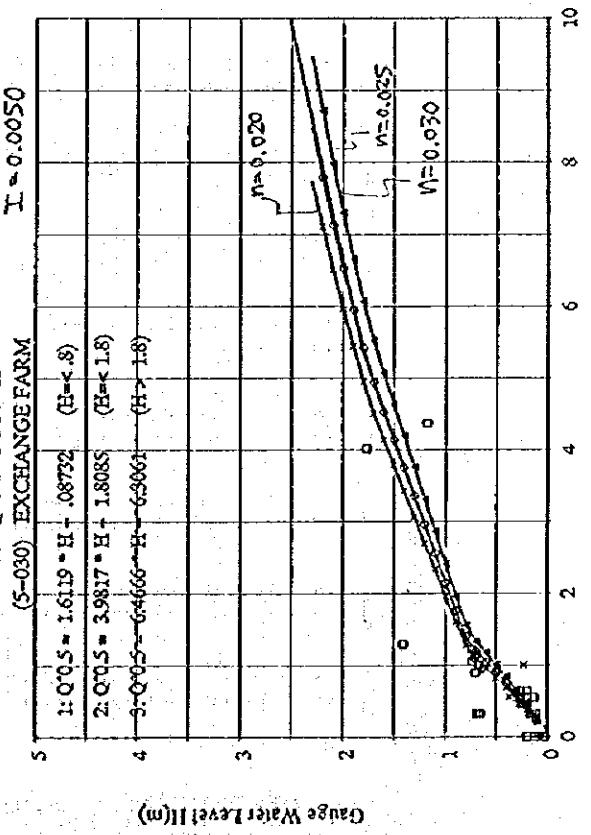
1959-1993
Flow Resume Table by Station
(S-029) RONOR FARM

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1959	4.1	5.5	6.1	7.3	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1960	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1961	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1962	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1963	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1964	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1965	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1966	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1967	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1968	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1969	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1970	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1971	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1972	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1973	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1974	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1975	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1976	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1977	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1978	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1979	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1980	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1981	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1982	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1983	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1984	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1985	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1986	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1987	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1988	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1989	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1990	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1991	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1992	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1993	4.2	5.2	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1

CROSS SECTION
(S-030) EXCHANGE FARM

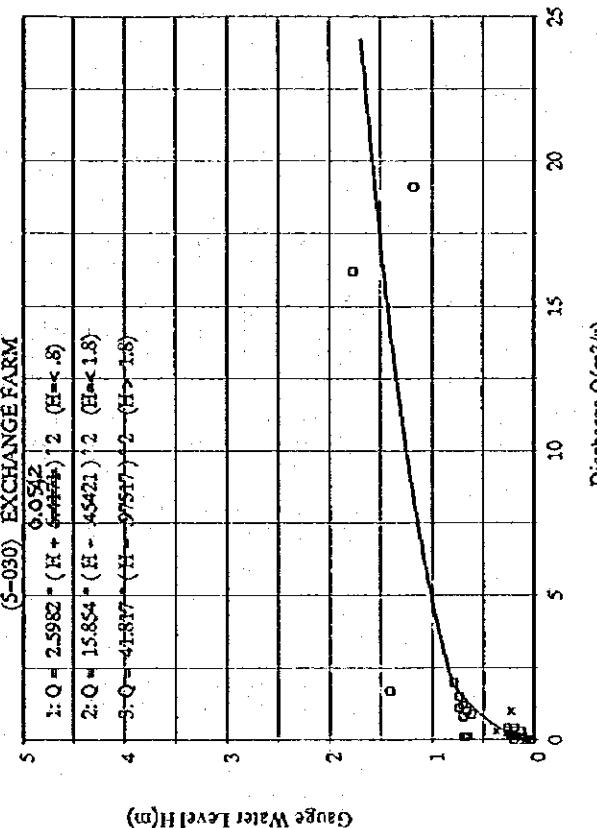


H-Q^{0.5} CURVE
I = 0.0050



DB-2-23

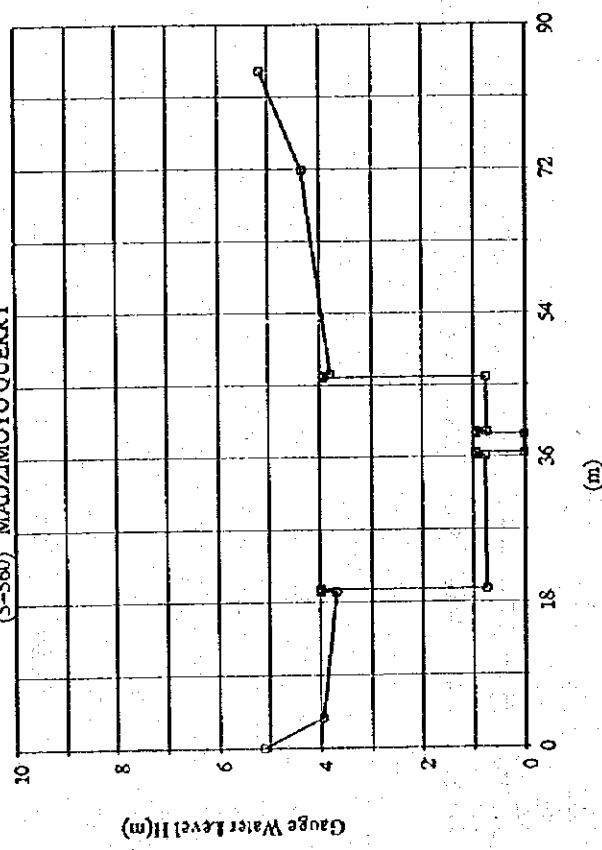
DISCHARGE RATING CURVE



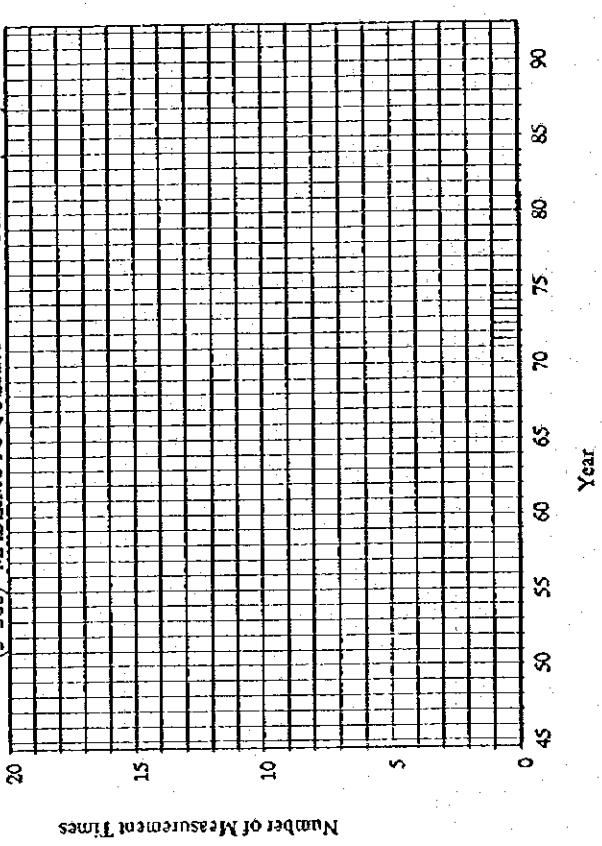
1957-1992
Flow Resume Table by Station
(5-030) EXCHANGE FARM

Year	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	Average Ave(10)	Ave(20)	Ave(30)
Total	306.6	102.5	90.0	87.1	40.6	8.2	20.5	5.0	37.1	71.1	84.2	10.3	63.7	61.7	21.1	6.7	31.0	16.8	24.6	27.8	13.9	1.1	51.7	167.2	49.5	13.5	4.4	0.9	11.1	9.6	12.3	9.7	2.4					
104.1	27.8	89.9	37.1	28.4	43.7	1.1	21.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1		
136.5	104.1	89.9	37.1	28.4	43.7	1.1	21.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1		
Average	8.4	3.3	4.8	2.2	1.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Min.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Max.	22.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
0(95)	0(185)	0(275)	0(355)	0(445)	0(535)	0(625)	0(715)	0(805)	0(895)	0(985)	0(1075)	0(1165)	0(1255)	0(1345)	0(1435)	0(1525)	0(1615)	0(1705)	0(1795)	0(1885)	0(1975)	0(2065)	0(2155)	0(2245)	0(2335)	0(2425)	0(2515)	0(2605)	0(2695)	0(2785)	0(2875)	0(2965)	0(3055)	0(3145)				

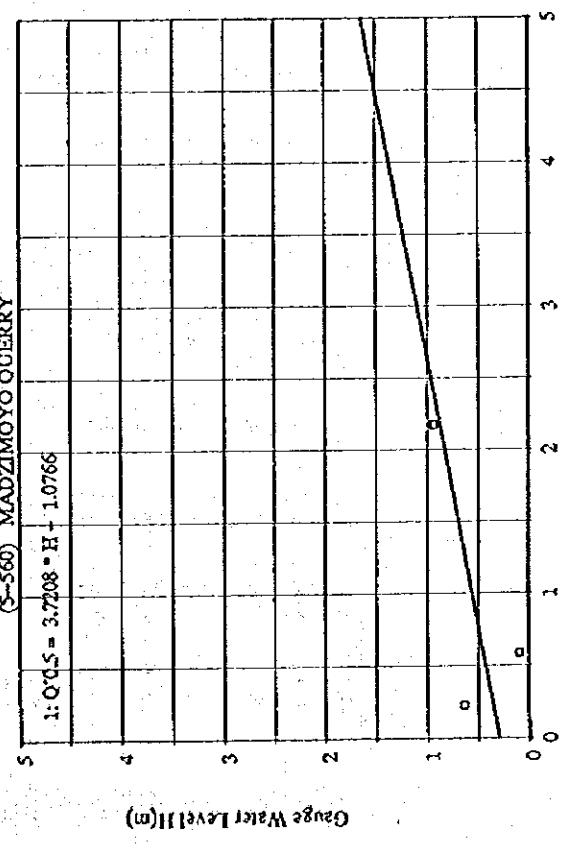
CROSS SECTION
(S-560) MADZIMYO QUARRY



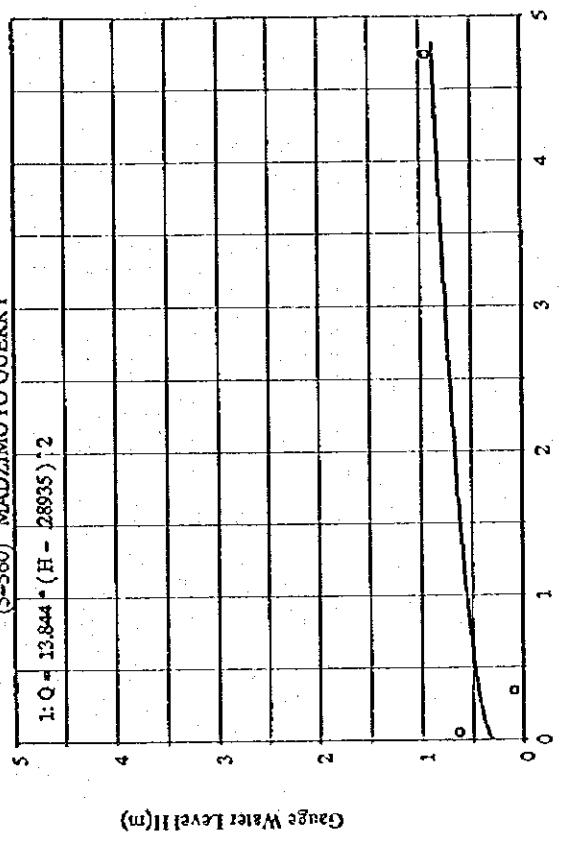
FREQUENCY OF FLOW MEASUREMENT
(S-560) MADZIMYO QUARRY Total Frequency: 2 times



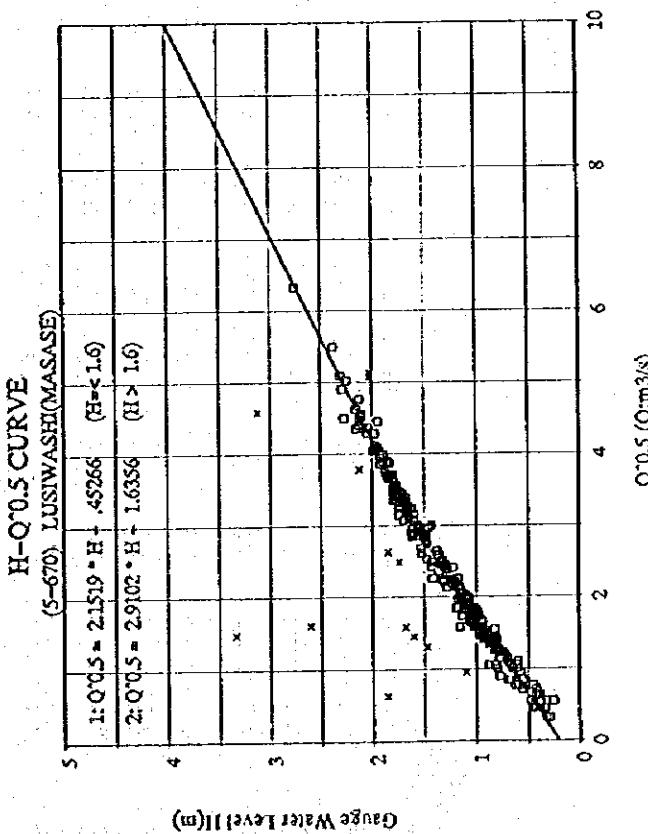
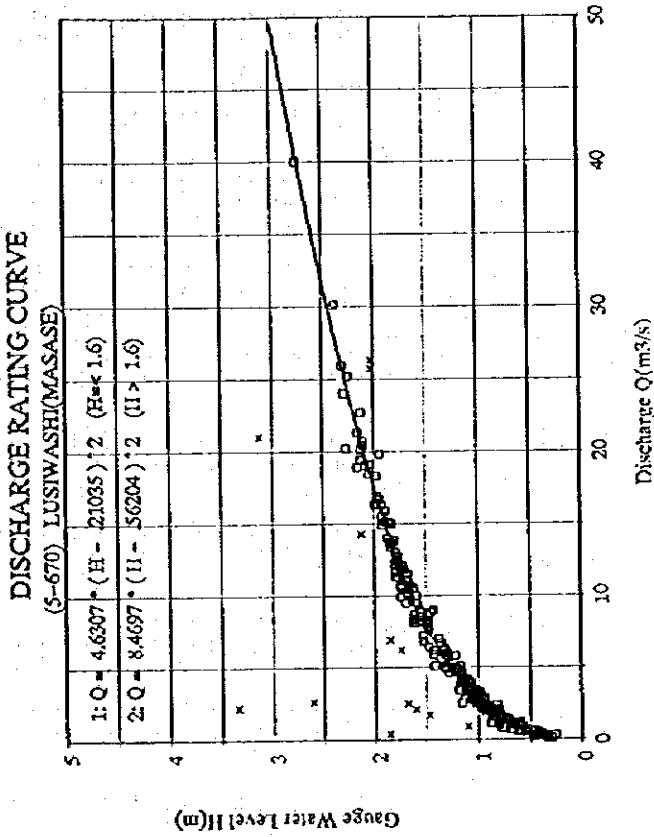
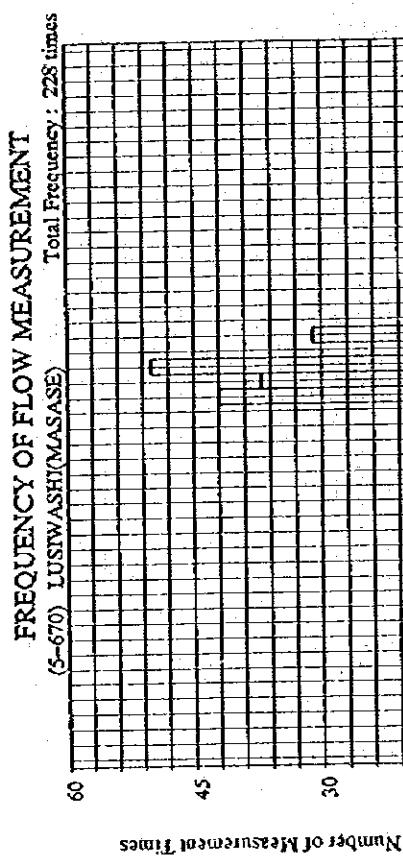
H-Q 0.5 CURVE
(S-560) MADZIMYO QUARRY



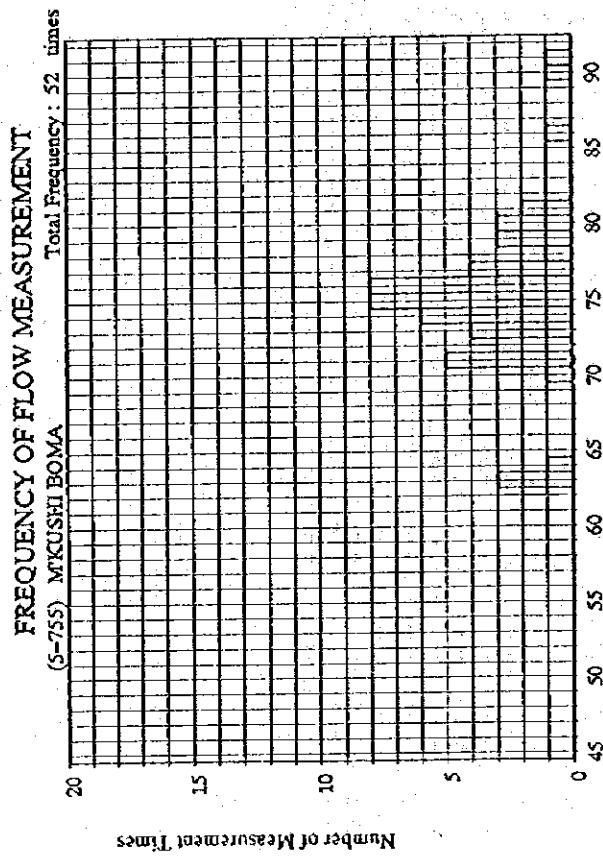
DISCHARGE RATING CURVE
(S-560) MADZIMYO QUARRY



1970 1992
Flow Regime Table by Station
(5-560) MADISON QUARRY

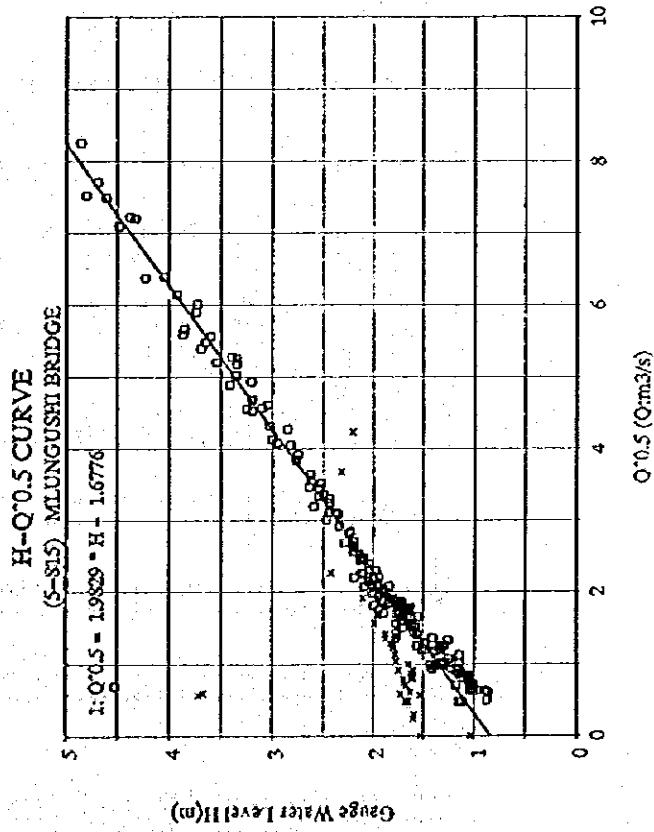
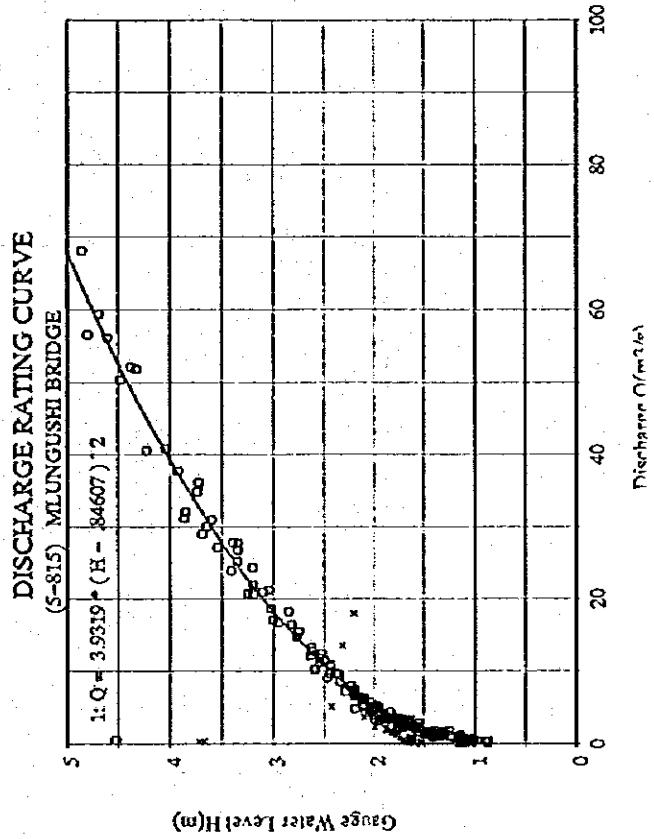
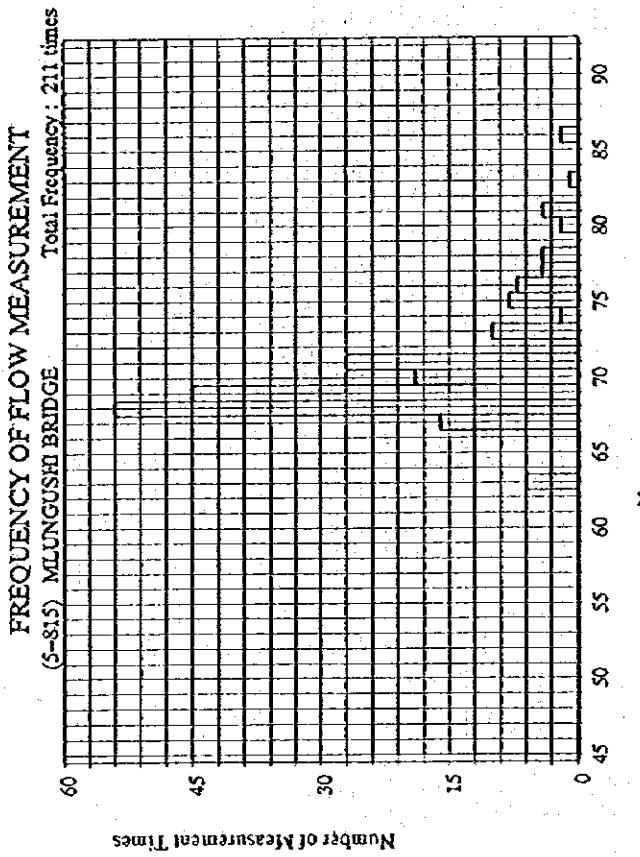


**1965-1994
Low Resume Table by Station
(5-670) USI WASHI (MASASE)**



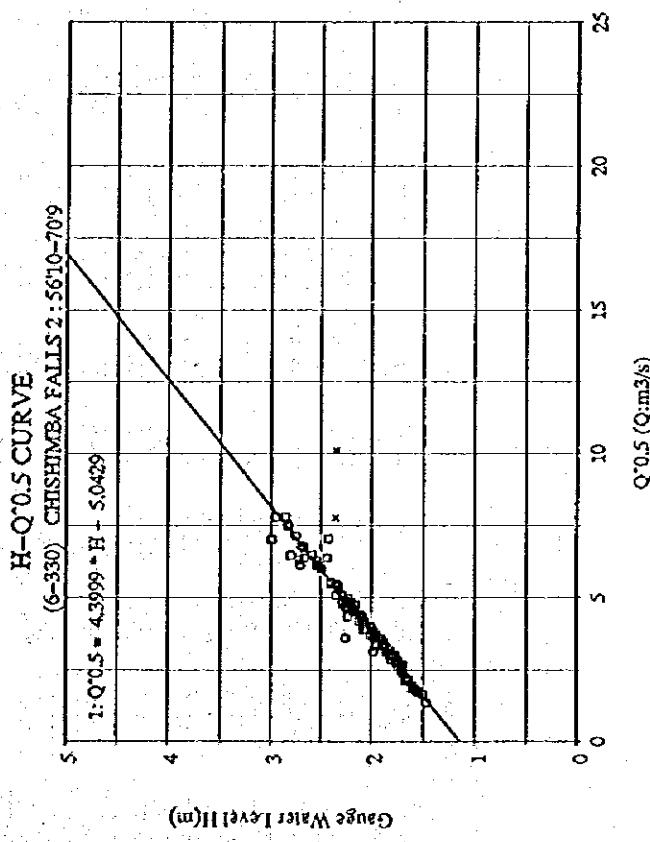
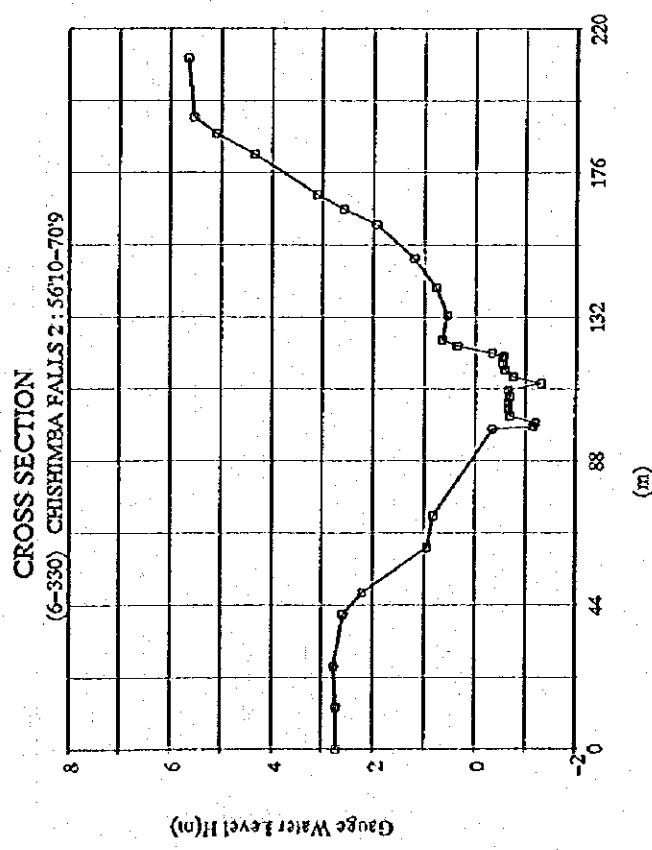
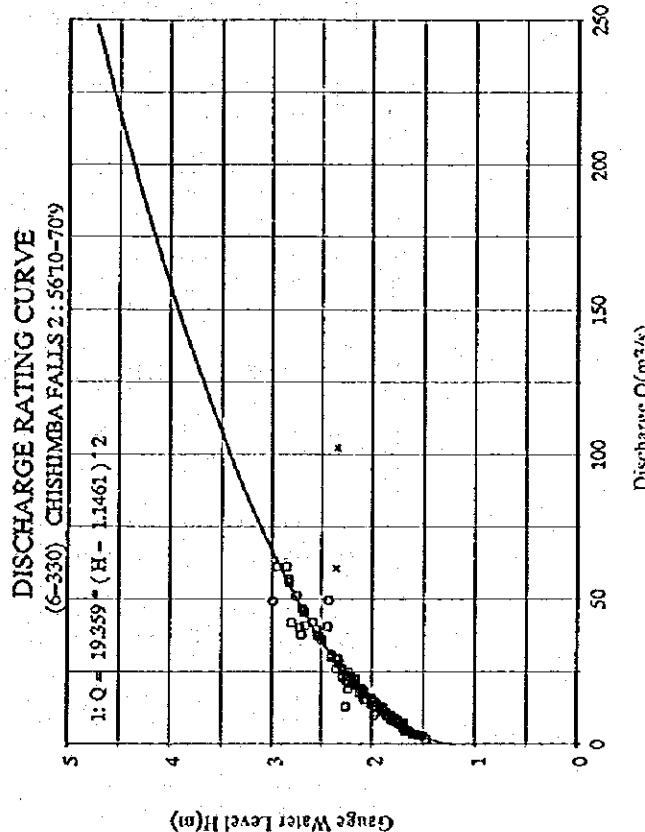
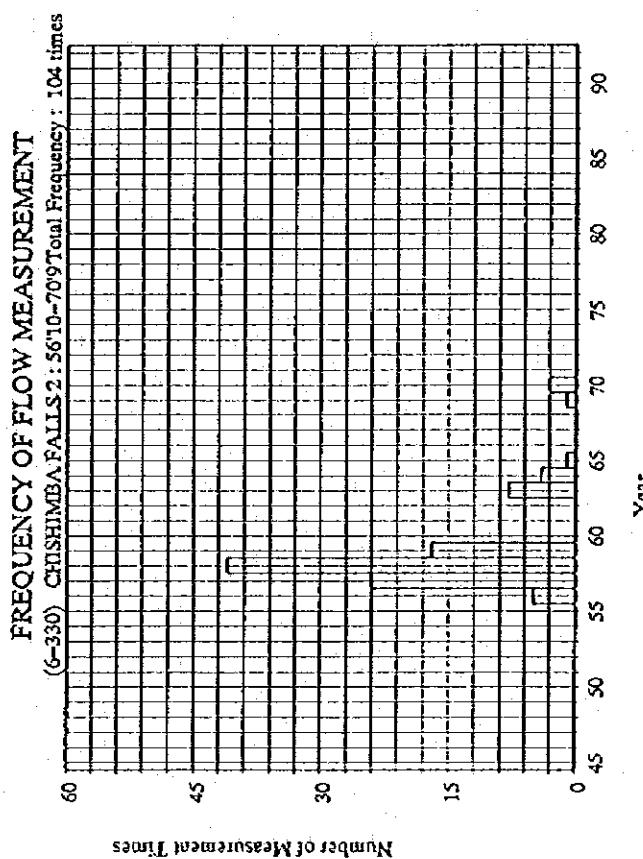
Flow Resume Table by Station

Month	Year	Total											
		1	2	3	4	5	6	7	8	9	10	11	12
Oct.	N.D.	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Nov.	N.D.	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Dec.	N.D.	3.6	2.6	0.2	3.7	5.5	7.6	6.9	7.2	3.7	7.7	7.6	7.9
Jan.	N.D.	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
Feb.	N.D.	7.6	3.6	5.3	7.8	8.8	4.9	2.7	6.5	7.5	6.3	8.1	4.4
Mar.	N.D.	8.4	2.5	4.1	4.1	4.8	6.7	7.0	0.0	2.1	5.2	3.3	5.9
Apr.	N.D.	4.4	4.1	2.2	5.5	7.3	5.0	6.3	7.0	0.0	3.8	2.7	3.9
May	N.D.	3.0	1.1	1.1	2.3	3.9	4.7	0.5	4.5	3.3	2.4	3.3	2.1
Jun.	N.D.	2.5	1.1	1.1	2.3	2.0	3.7	0.0	1.1	1.1	2.3	2.1	1.8
JUL.	N.D.	2.0	1.1	1.1	2.1	1.6	3.6	1.4	5.7	4.5	0.5	1.5	1.5
Aug.	N.D.	1.8	1.0	1.3	1.5	2.9	2.2	0.6	0.4	1.2	1.0	1.4	1.4
Sep.	N.D.	1.5	0.9	1.1	1.4	2.7	0.2	3.5	3.0	3.0	0.9	1.2	1.2
Oct.	N.D.	0.95	0.5	0.7	0.9	1.2	0.6	1.6	1.6	1.6	0.9	1.3	1.3
Nov.	N.D.	0.45	0.2	0.3	0.5	0.3	0.9	0.2	0.2	0.2	0.4	0.6	0.6
Dec.	N.D.	0.3	0.1	0.1	0.2	0.3	0.5	0.1	0.1	0.1	0.1	0.3	0.3
Total	N.D.	16.9	12.98	12.0	12.2	12.4	12.2	12.4	12.2	12.4	12.2	12.4	12.2



Flow Reserve Table by Station
5-815)MLDUGUSHI BRIDGE

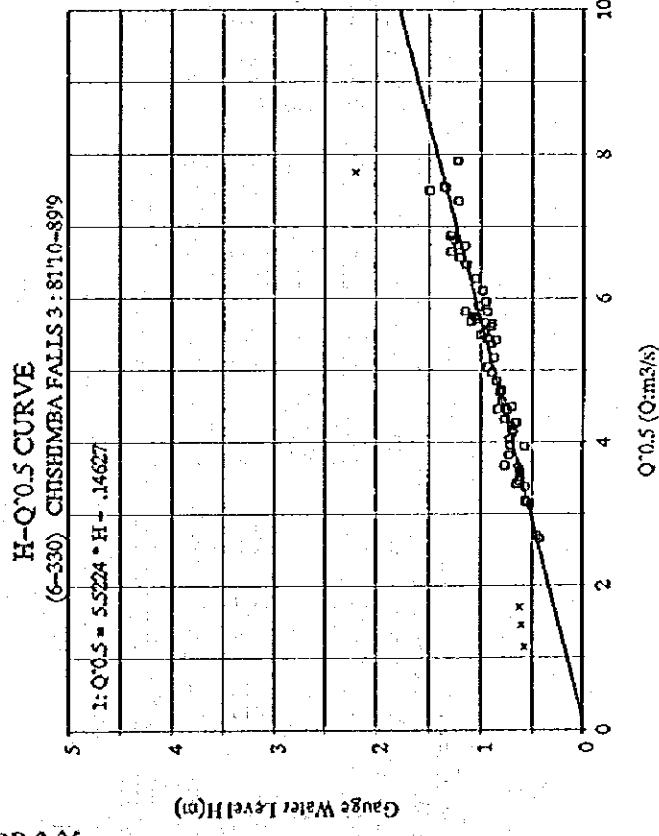
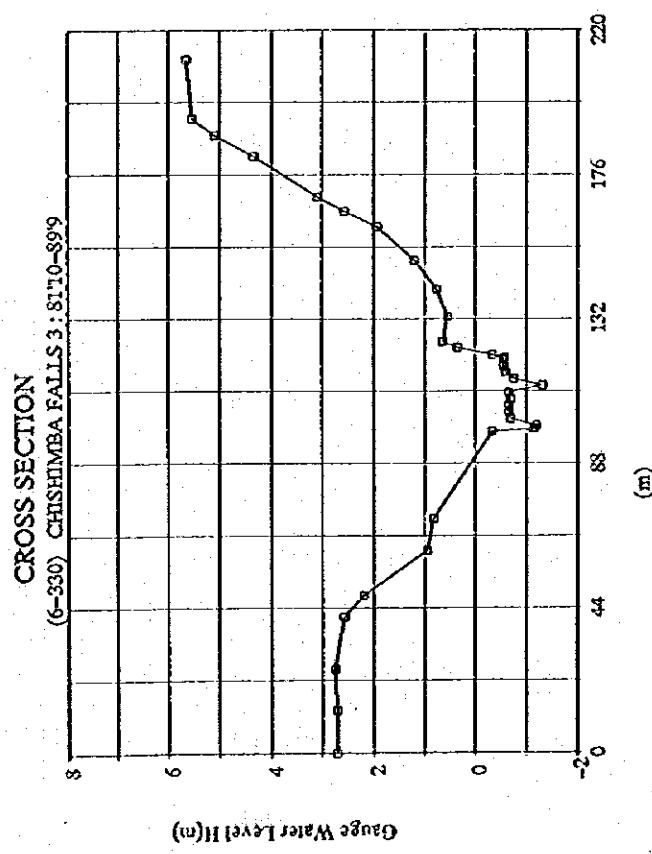
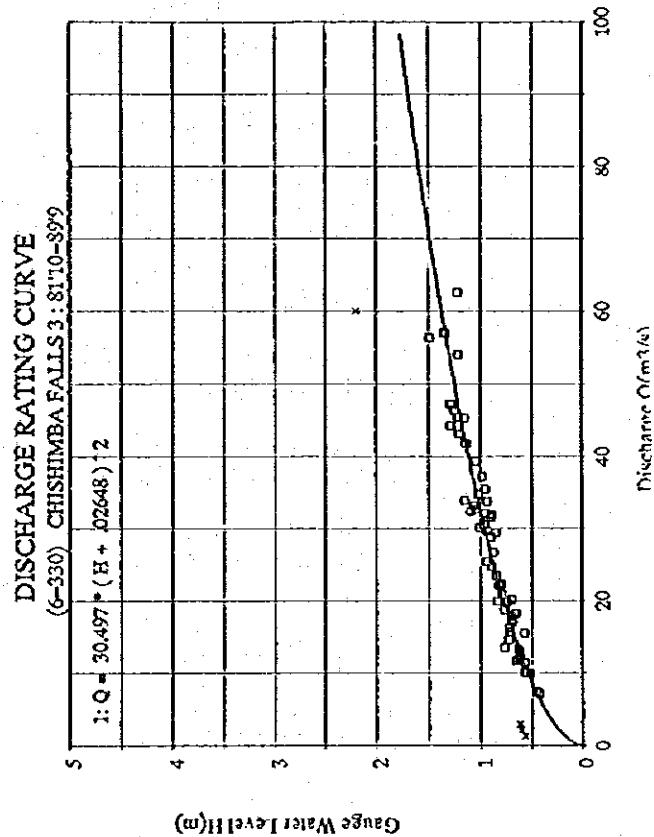
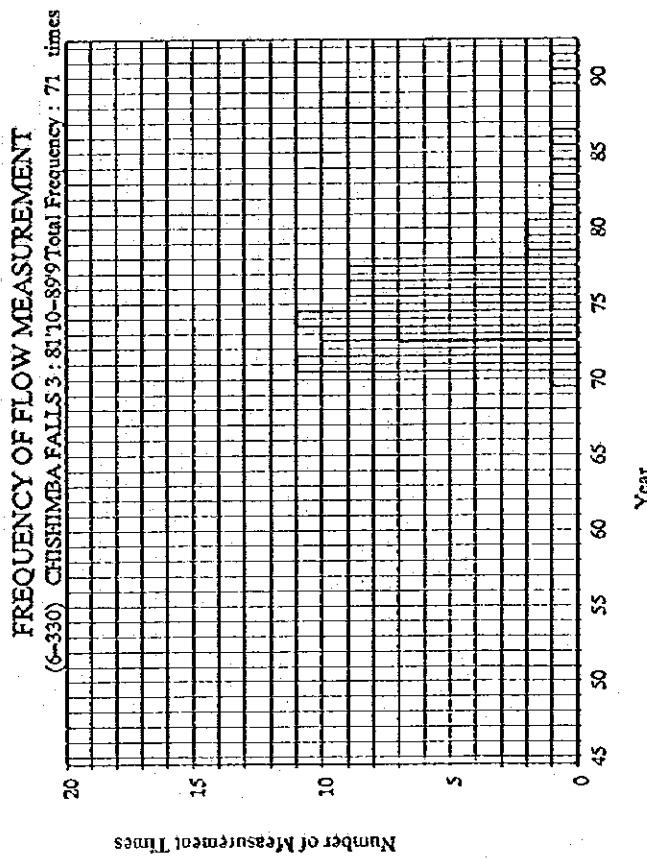
Year	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Total	4570.3	2620.8	812.5	316.7	2256.3	1673.4	1918.5	355.5	440.5	2750.7	707.4	2641.3	5772.8	4322.0
Average	12.7	2.6	0.9	2.4	1.1	2.6	2.9	0.5	1.7	1.5	0.7	1.4	1.7	1.5
Min.	0.7	2.0	0.4	2.1	1.1	1.7	1.7	1.5	1.7	1.5	1.6	1.6	1.6	1.6
Max.	11.7	2.6	0.9	2.4	1.1	2.6	2.9	0.5	1.7	1.5	0.7	1.4	1.7	1.5
Q(355)	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N.A.	N.A.	0.7
Q(275)	1.7	0.8	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N.A.	N.A.	0.7
Q(185)	4.1	1.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N.A.	N.A.	0.7
Q(95)	18.6	10.0	1.0	0.6	0.2	0.1	0.1	0.1	0.1	0.1	0.1	N.A.	N.A.	0.7
Max.	105.7	56.3	27.1	16.9	8.3	4.9	4.6	4.0	3.9	3.9	3.9	3.9	3.9	3.9
Min.	10.5	5.6	2.7	1.6	0.8	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Sep.	0.6	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	N.A.	N.A.	0.1
Aug.	1.7	0.5	0.3	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	N.A.	N.A.	0.1
Jul.	2.9	1.6	1.7	2.4	0.9	0.1	0.6	0.1	0.7	0.2	0.2	N.A.	N.A.	0.1
Jun.	3.1	1.6	2.1	1.5	0.6	0.1	0.4	0.1	0.5	0.2	0.2	N.A.	N.A.	0.1
May	5.3	3.1	1.6	2.4	1.2	0.7	0.4	0.2	0.3	0.2	0.2	N.A.	N.A.	0.1
Apr.	8.0	5.0	3.0	1.6	0.7	0.4	0.2	0.1	0.2	0.1	0.2	N.A.	N.A.	0.1
Mar.	29.8	13.8	9.9	4.9	2.7	1.4	0.9	0.5	0.5	0.5	0.5	N.A.	N.A.	0.1
Feb.	38.9	29.5	13.8	9.9	5.3	3.3	2.4	1.7	1.7	1.7	1.7	N.A.	N.A.	0.1
Jan.	36.4	17.9	9.5	4.9	3.0	1.5	1.2	0.8	0.8	0.8	0.8	N.A.	N.A.	0.1



DB-2-33

1956-1970
Flow Resumé Table by Station
(2-6330) CHI SHINBA FALLS 2 : 56' 10-70' 9

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total	Average
1956	N.A.	N.A.	N.A.	N.A.	31.4	21.6	17.9	14.8	11.5	8.7	6.4	5.7	2378.1	19.5
1957	7.9	15.0	30.9	25.4	23.7	20.2	19.6	17.4	15.2	13.7	11.7	10.7	5387.7	16.0
1958	5.5	17.2	17.4	19.6	27.9	13.8	9.2	5.8	4.8	8.0	6.2	6.9	4333.0	11.3
1959	2.7	3.4	13.7	16.7	29.3	31.5	10.4	8.7	6.7	5.1	4.3	2.3	5222.4	14.4
1960	3.4	4.8	6.6	13.4	32.5	37.4	16.8	16.8	17.3	17.3	17.3	2.7	5347.2	14.6
1961	3.4	7.2	48.2	66.9	58.7	70.2	45.5	31.3	26.1	22.3	19.9	2.7	14.83.6	38.9
1962	16.2	19.8	40.2	54.2	55.9	81.6	51.7	36.8	25.4	21.1	18.0	14.5	13634.5	37.4
1963	14.6	30.6	61.4	77.9	84.1	92.1	41.7	34.6	30.9	27.7	21.9	12.6	17545.3	47.9
1964	17.8	21.3	40.3	42.1	42.1	60.2	43.5	42.3	22.3	19.2	17.3	13.5	10725.9	29.4
1965	12.2	15.0	31.1	37.1	41.7	59.0	42.3	26.3	21.4	18.5	15.9	13.0	1024.2	27.7
1966	10.1	12.7	21.7	29.3	34.3	37.2	27.6	27.5	18.8	16.1	14.5	11.6	10.7	10.7
1967	8.7	15.0	58.1	65.2	72.9	80.8	44.9	40.9	30.8	30.4	25.1	19.2	9.9	23.8
1968	17.0	17.5	30.8	42.3	42.3	45.8	40.2	38.0	30.4	22.9	19.3	11.6	16.0	16.0
1969	9.3	9.9	22.1	33.2	58.1	68.1	43.0	44.6	44.8	28.0	21.2	15.5	35.5	28.5
Average	9.9	13.3	31.0	41.0	54.9	63.2	44.6	34.8	31.9	24.6	20.9	14.8	90.8	22.2
Ave(10)	11.3	15.4	46.0	51.8	N.A.	32.0	27.1							
Ave(20)	N.A.	9.1												
Ave(30)	N.A.	9.8												



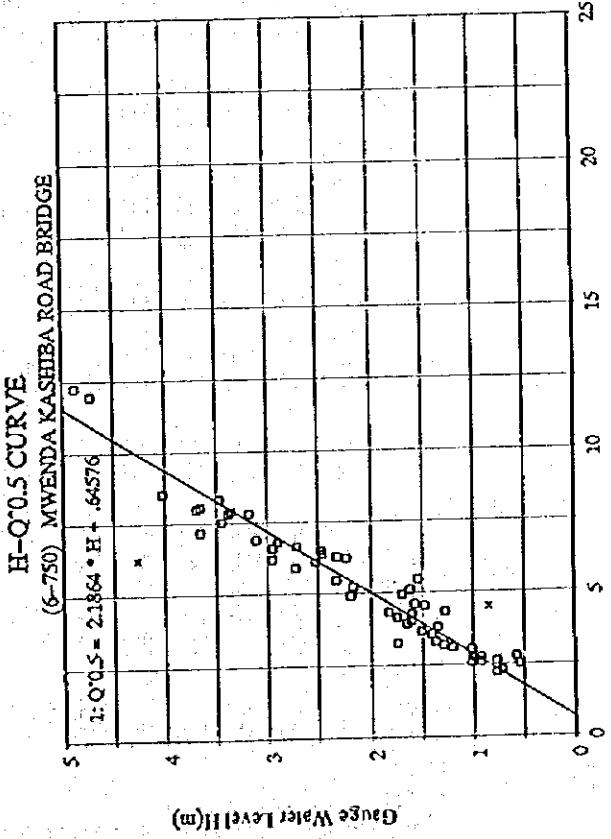
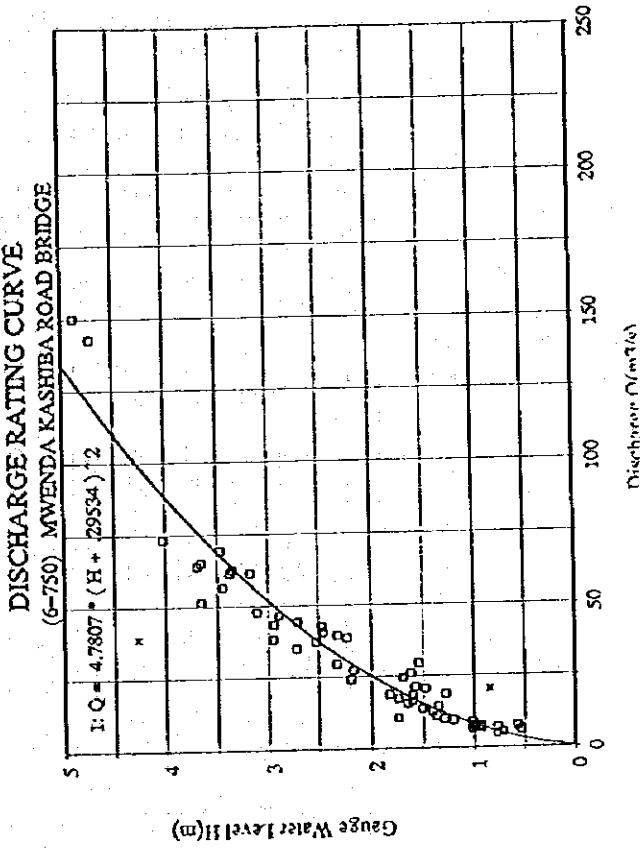
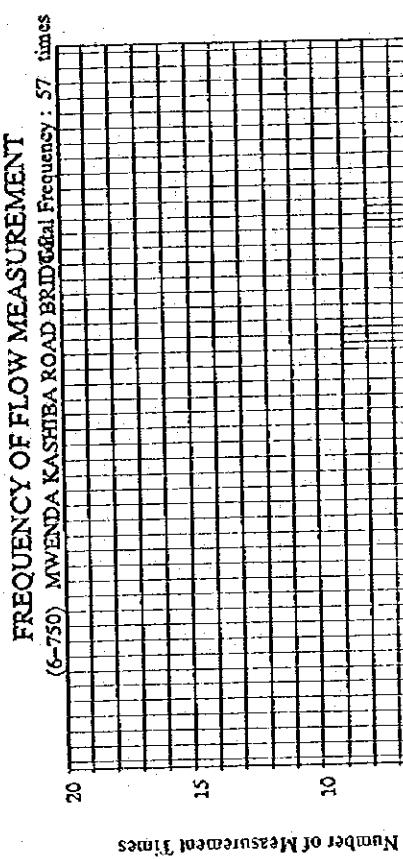
1981-1989

Flow Resume Table by Station

(3-6330) CHISHIMBA FALLS 3 : 81°10'-89°9'

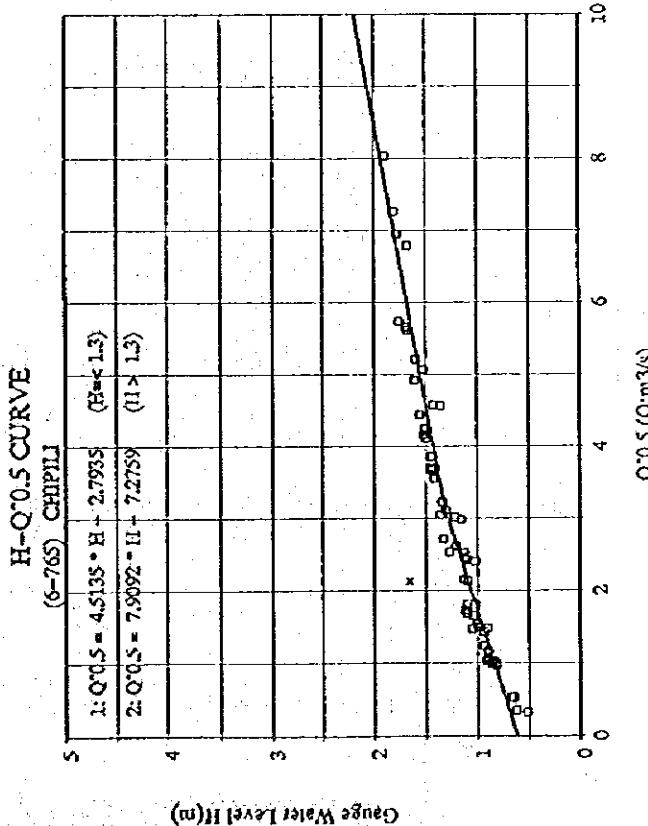
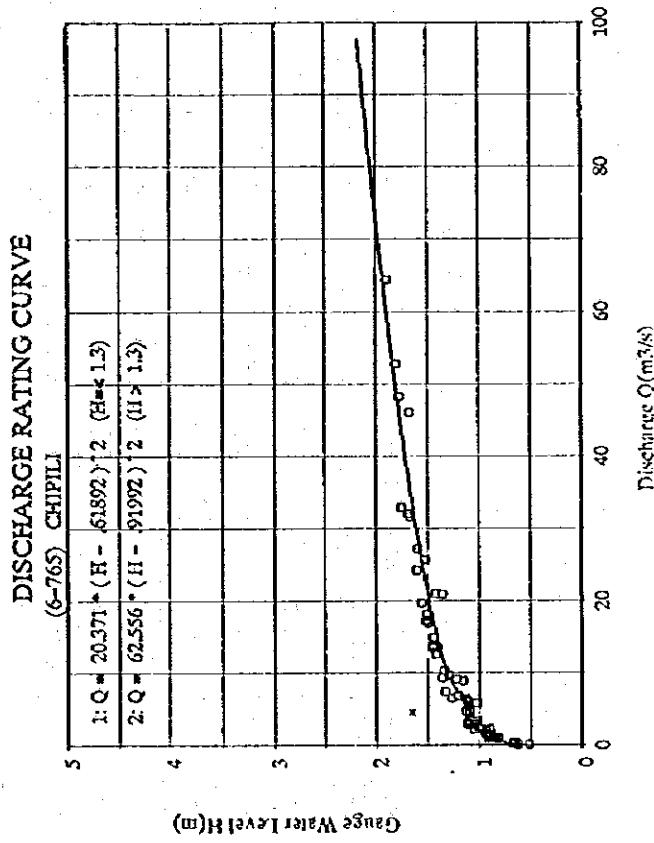
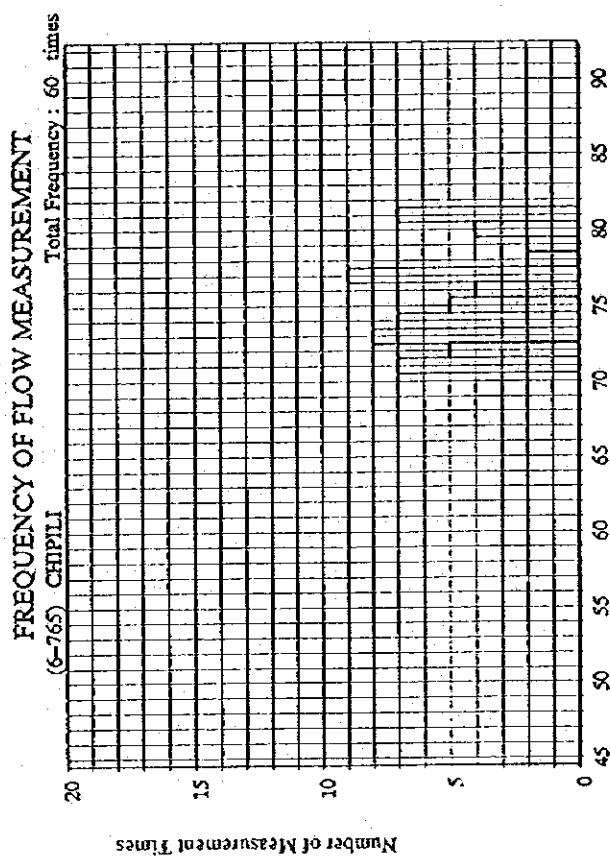
Year	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.
1981	35.6	31.0	34.1	21.3	14.3	12.6	10.7	8.1	11.0	19.1	27.9	11.3	11.0
1982	7.3	17.3	66.9	110.6	69.8	63.8	68.6	26.6	11.3	20.8	31.4	46.3	20.8
1983	11.2	11.3	20.8	20.8	21.4	34.5	42.6	34.5	17.0	17.0	17.0	45.0	17.0
1984	11.0	11.0	10.4	10.4	17.0	17.0	17.0	17.0	12.7	12.7	12.7	45.0	12.7
1985	10.4	12.7	12.7	12.7	17.9	47.7	45.0	92.3	57.7	57.7	57.7	42.3	17.9
1986	13.2	13.2	11.4	11.4	19.2	33.4	41.8	42.3	33.4	33.4	33.4	41.8	19.2
1987	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1988	Average	11.0	11.0	15.3	35.0	39.9	37.6	31.6	15.3	15.3	15.3	35.0	11.0
	Ave(10)	Ave(20)	Ave(30)										

	Max.	Q(95)	Q(105)	Q(275)	Q(355)	Min.	Average	Total
1981	49.8	28.0	14.9	11.3	7.3	6.7	19.6	7167.9
1982	121.6	52.9	23.0	17.5	7.3	7.0	38.4	14014.2
1983	121.6	52.9	23.0	17.5	7.3	7.0	38.4	11175.2
1984	85.8	45.2	20.3	14.5	8.5	7.3	30.5	10684.6
1985	13.3	12.4	12.4	12.4	12.4	12.4	12.4	161
1986	16.5	16.5	16.5	16.5	16.5	16.5	16.5	10577.5
1987	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
1988	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0



1969-1992
Flow Resume Table by Station
(6-750)WENDA KASHIBA ROAD BRIDGE

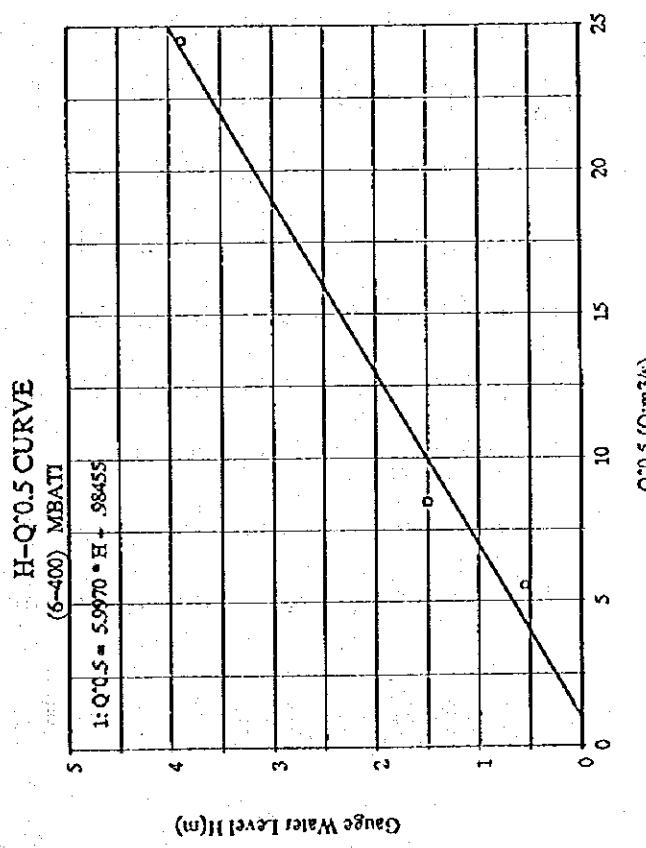
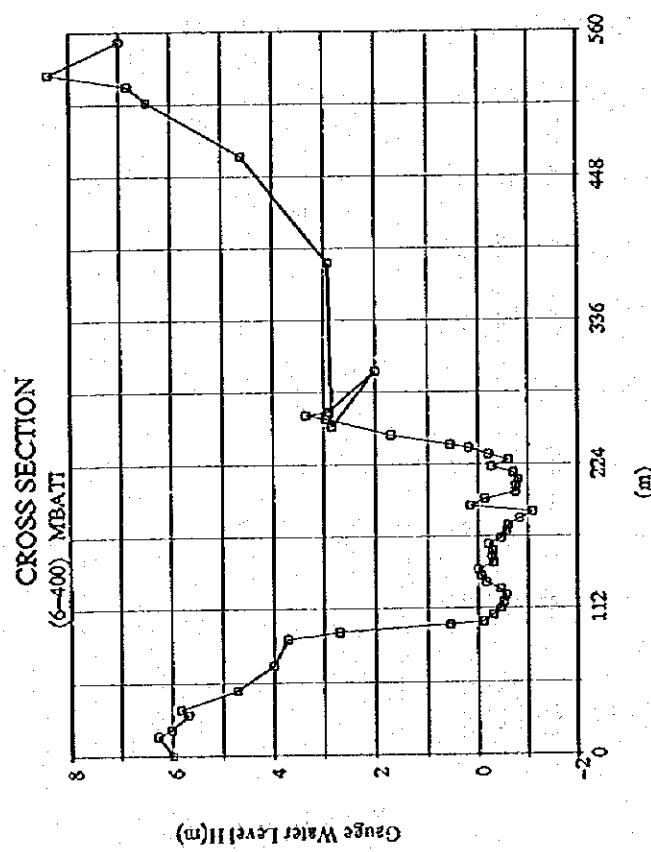
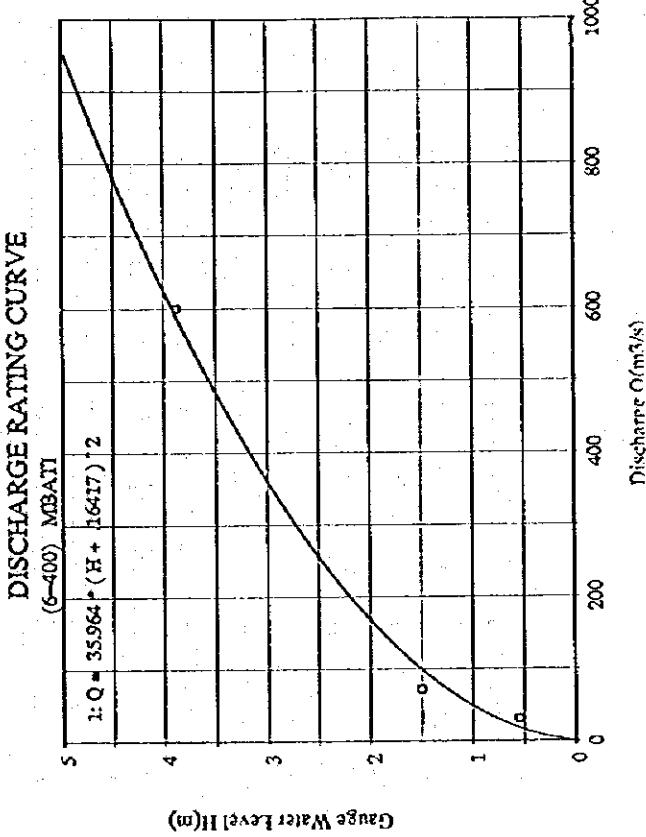
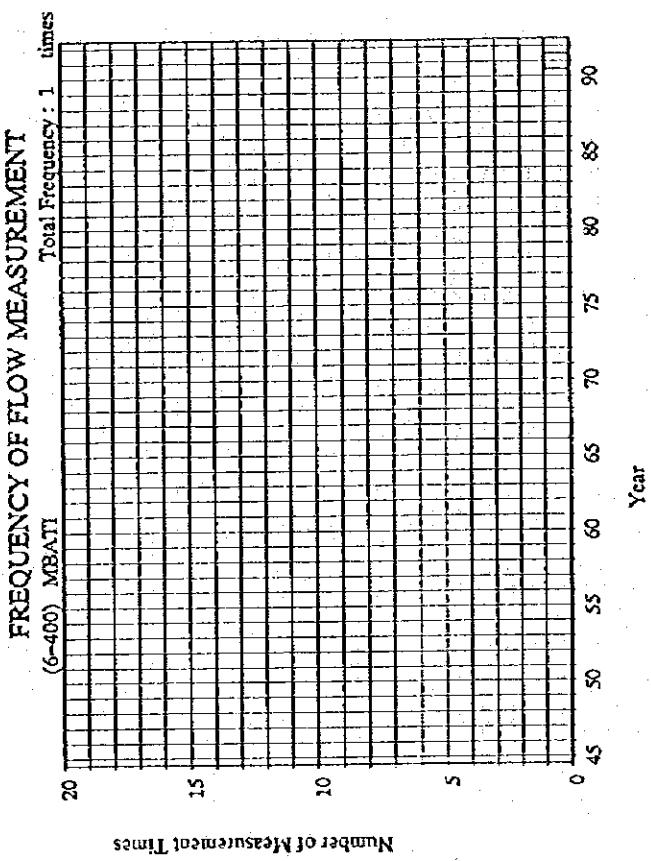
Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Sep.	Aug.	
1969	N.A.	N.A.	N.A.	N.A.	12.0	30.2	45.5	55.1	71.3	11.2	13.5	13.5	Total
1970	7.4	8.6	8.3	23.6	48.3	54.8	62.0	65.1	70.6	7.6	8.0	8.0	8826.5
1971	5.6	6.3	6.6	26.0	55.1	64.8	72.9	77.4	81.9	6.1	6.3	6.3	12330.8
1972	6.3	6.5	7.4	22.9	41.5	57.9	61.7	65.1	70.7	6.3	6.5	6.5	11638.8
1973	6.5	7.3	7.9	21.3	41.2	53.0	58.4	63.1	68.7	6.5	6.8	6.8	11972.5
1974	7.3	7.7	7.9	21.3	41.0	58.9	68.9	79.9	89.9	7.0	7.0	7.0	1322.3
1975	6.4	6.2	17.9	41.0	45.3	60.0	62.3	63.7	68.9	11.0	11.6	11.6	11823.6
1976	13.6	14.4	11.3	24.9	45.3	62.5	65.7	74.9	81.3	15.8	15.8	15.8	15736.5
1977	7.4	8.3	8.3	19.1	49.8	55.4	58.4	61.5	64.4	7.8	8.0	8.0	1308.9
1978	8.3	12.8	25.1	71.5	84.7	123.8	123.8	117.8	81.3	16.5	16.5	16.5	42.5
1979	12.8	10.2	15.6	38.6	86.1	93.8	101.8	110.7	59.9	20.9	14.9	14.9	1525.7
1980	10.2	14.4	13.6	29.5	45.3	62.5	65.7	68.9	79.9	20.9	13.2	13.2	2259.3
1981	3.2	2.8	6.0	11.3	24.9	45.3	55.4	61.5	74.9	4.1	3.5	3.5	1993.8
1982	N.A.	N.A.	N.A.	N.A.	44.1	85.5	85.5	85.5	86.8	2.7	2.7	2.7	14.2
1983	N.A.	N.A.	N.A.	N.A.	44.0	53.4	53.4	53.4	54.1	13.2	13.2	13.2	55.9
1984	3.0	10.5	27.0	44.0	54.1	80.4	80.4	80.4	81.3	3.1	3.1	3.1	43.1
1985	3.5	3.5	7.6	15.9	38.2	54.1	54.1	54.1	55.9	3.5	3.5	3.5	N.A.
1986	N.A.	11.6	20.6	N.A.	N.A.	37.0	49.0	49.0	50.9	11.0	11.0	11.0	N.A.
1987	N.A.	3.7	8.5	13.3	33.5	40.9	63.2	63.2	63.2	1.0	1.0	1.0	N.A.
1988	3.6	5.9	19.6	43.9	59.0	56.1	86.1	86.1	86.1	17.2	17.2	17.2	N.A.
1989	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	10.9	10.9	10.9	N.A.
1990	N.A.	5.0	8.7	23.2	34.7	50.1	63.6	63.6	63.6	15.4	15.4	15.4	25.4
1991	Average	6.8	11.2	28.3	50.1	78.2	81.8	81.8	81.8	12.2	12.2	12.2	93.1
	Ave(10)	4.7	9.7	22.5	38.9	55.7	61.3	71.7	36.7	12.1	8.1	8.1	59.9
	Ave(20)	6.8	11.2	28.2	49.2	64.1	81.3	79.4	46.0	26.1	17.3	17.3	32.9
	Ave(30)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	10864.4



DB-2-39

1970-1985 Follow-Resume Table by Station

Year	Total	
	Min.	Average
1970	4138.1	13.6
1971	4449.1	12.1
1972	2503.9	6.9
1973	3556.4	9.7
1974	2505.7	11.7
1975	5965.5	16.3
1976	4251.3	11.6
1977	4628.0	12.7
1978	11773.6	32.3
1979	11773.6	32.3
1980	11773.6	32.3
1981	11773.6	32.3
1982	11773.6	32.3
1983	11773.6	32.3
1984	11773.6	32.3
1985	11773.6	32.3
1986	11773.6	32.3
1987	11773.6	32.3
1988	11773.6	32.3
1989	11773.6	32.3
1990	11773.6	32.3
1991	11773.6	32.3
1992	11773.6	32.3
1993	11773.6	32.3
1994	11773.6	32.3
1995	11773.6	32.3
1996	11773.6	32.3
1997	11773.6	32.3
1998	11773.6	32.3
1999	11773.6	32.3
2000	11773.6	32.3
2001	11773.6	32.3
2002	11773.6	32.3
2003	11773.6	32.3
2004	11773.6	32.3
2005	11773.6	32.3
2006	11773.6	32.3
2007	11773.6	32.3
2008	11773.6	32.3
2009	11773.6	32.3
2010	11773.6	32.3
2011	11773.6	32.3
2012	11773.6	32.3
2013	11773.6	32.3
2014	11773.6	32.3
2015	11773.6	32.3
2016	11773.6	32.3
2017	11773.6	32.3
2018	11773.6	32.3
2019	11773.6	32.3
2020	11773.6	32.3
2021	11773.6	32.3
2022	11773.6	32.3
2023	11773.6	32.3
2024	11773.6	32.3
2025	11773.6	32.3
2026	11773.6	32.3
2027	11773.6	32.3
2028	11773.6	32.3
2029	11773.6	32.3
2030	11773.6	32.3



Flow Regime Table by Station

Year	(6-400) MBATT											
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1957	N.A.	209	303	401	384	249	150	106	82	58	39	13
1958	57	125	189	236	311	156	91	58	40	21	379	63
1959	5	48	129	220	548	588	174	117	87	63	879	165
1960	36	20	30	105	251	306	213	129	92	67	44	204
1961	19	117	118	218	992	1159	1397	1211	631	368	246	1035
1962	117	118	218	489	791	1071	1089	598	346	245	191	151
1963	116	170	379	826	1181	1282	1056	577	352	267	223	178
1964	138	123	178	381	561	747	618	370	229	180	144	116
1965	83	123	231	386	444	445	308	201	155	122	91	72
1966	56	44	90	224	348	428	332	211	151	116	87	452
1967	54	61	233	502	689	954	918	676	438	273	191	146
1968	103	88	177	298	507	633	642	409	247	176	235	150
1969	67	58	115	245	516	749	861	482	264	189	159	110
1970	75	66	235	348	549	910	701	421	256	186	147	115
1971	83	88	168	301	549	490	456	322	213	160	125	92
1972	59	50	129	227	227	426	441	329	204	147	116	85
1973	55	49	84	176	258	358	445	365	281	197	140	102
1974	67	44	100	266	345	560	725	411	250	172	126	116
1975	79	53	101	228	387	573	725	544	316	219	165	125
1976	98	77	100	203	294	363	263	231	159	118	87	53
1977	26	19	107	204	415	879	1098	544	293	222	155	118
1978	84	100	186	297	616	1166	1181	889	509	326	236	177
1979	142	148	258	438	637	823	876	626	364	250	194	152
1980	132	143	213	347	676	878	878	411	257	195	136	101
1981	87	56	82	142	217	334	400	313	194	136	101	61
1982	29	40	253	506	642	700	564	340	206	158	132	103
1983	70	49	81	356	N.A.	666	594	356	205	155	N.A.	98
1984	49	54	150	220	395	723	827	538	292	197	N.A.	764
1985	75	67	184	347	775	948	817	536	319	223	172	132
1986	108	126	248	410	591	899	772	469	297	216	169	131
1987	122	76	99	219	454	553	544	341	203	148	111	72
1988	33	38	82	219	342	690	598	325	203	149	107	769
1989	66	45	150	208	374	437	487	346	240	160	N.A.	211
1990	45	47	17	228	345	391	507	444	246	166	121	84
1991	35	54	127	N.A.	N.A.	N.A.	N.A.	N.A.	198	106	115	49
1992	25	63	139	265	411	547	367	202	133	98	N.A.	585
Average	72	67	148	216	474	663	669	432	258	181	139	104
Ave.(10y)	65	55	122	260	453	609	643	444	254	174	132	102
Ave.(20y)	72	64	135	272	433	627	676	456	269	186	143	109
Ave.(30y)	76	70	151	304	464	651	669	445	266	187	144	110
												778
												290
												103582

DB-3

Well Inventory Data

DB-3-1 Main Items of Borehole Data-Base

black (continued)

black diamond (continued)

Input No	Borehole No	District	Total Depth (m)	Thickness (G.L.-m)	Limnology	Thickness of main Aquifer			Groundwater Depth			Plain Casing			Perforated Casing			Depth of Bottom of Casing (G.L.-m)		
						From (G.L.-m)	To (G.L.-m)	Total Thickness (m)	Main Supply (G.L.-m)	First Struck (G.L.-m)	Static (G.L.-m)	Yield (l/s)	Specific Capacity (ml/day)	Depth of Pump Intake (m)	From 10 (G.L.-m)	To (G.L.-m)	From 10 (G.L.-m)			
1	0	Mopika	0.30	Granite	20.00	25.00	40.00	25.00	21.00	12.50	4.20	0.00	36.00	152	0.00	21.00	0.00	0.00		
2	MB20	Mopika	40.00	Granite	21.00	25.00	48.80	25.00	25.00	13.40	2.35	18.10	48.80	152	0.00	12.30	17.70	0.00		
3	3670-1	Mopika	65.00	Schist	25.00	43.00	12.00	45.00	31.00	25.00	3.28	225.00	42.70	152	0.00	21.70	44.10	44.10		
4	MB-18	Mopika	54.00	Quartzite	31.00	36.00	5.60	30.00	24.40	23.50	3.50	13.40	46.00	150	0.00	16.80	18.30	0.00		
5	3911-1	Chitatu	52.00	Schist	24.40	27.00	4.00	4.00	17.00	7.50	2.50	21.60	150	0.00	19.10	30.50	19.10	30.50		
6	MB-17	Chitatu	30.00	Quartzite	23.00	57.00	59.00	2.00	2.00	57.00	12.00	2.00	6.73	57.00	150	0.00	57.00	58.40	58.40	
7	MB-16	Chitatu	73.00	Quartzite	24.00	30.00	6.00	6.00	19.00	10.00	2.00	11.50	36.00	150	0.00	12.00	43.00	43.00		
8	MB-33	Chitatu	43.00	Quartzite	49.00	40.00	6.00	36.00	22.00	12.40	0.40	1.45	42.00	150	0.00	37.60	46.00	49.00		
9	MB-15	Chitatu	42.00	Schist	24.00	33.00	9.00	33.00	24.00	17.52	1.00	8.97	36.00	150	0.00	32.00	43.40	43.40		
10	MB-14	Chitatu	43.00	Schist	19.00	61.00	42.00	0.00	19.00	12.00	0.20	0.38	58.00	150	0.00	0.00	0.00	0.00		
11	985-1	Kabwe-Urbn	61.00	Schist	21.00	73.00	52.00	10.00	4.50	4.50	0.75	0.81	85.00	150	0.00	5.00	24.55	0.00		
12	985-2	Kabwe-Urbn	99.00	Schist	60.00	60.00	41.00	19.30	19.00	19.30	0.50	1.39	57.00	150	0.00	0.00	21.35	0.00		
13	1429	Kabwe-Urbn	60.00	Schist	46.00	65.00	19.00	7.10	46.00	7.10	0.50	0.82	61.00	150	0.00	16.20	37.50	17.50		
14	1344	Kabwe-Urbn	65.00	Quartzite	15.00	69.00	45.00	12.00	15.00	5.20	0.37	5.20	6.62	57.00	150	0.00	5.00	15.00	0.00	
15	1670	Kabwe-Urbn	65.00	Schist	15.00	57.00	40.00	42.00	7.00	4.00	0.60	46.90	51.00	150	0.00	13.40	18.00	0.00		
16	1613	Kabwe-Urbn	63.00	Granite	7.00	57.00	28.04	28.13	14.02	6.71	2.50	4.79	57.01	150	0.00	16.76	35.05	35.05		
17	1630	Kabwe-Urbn	74.98	Limestone	14.02	72.00	28.13	14.02	22.60	12.50	3.70	5.00	59.00	150	0.00	15.00	33.00	33.00		
18	1821	Kabwe-Urbn	60.00	Schist	12.50	60.00	47.40	47.40	36.00	14.15	4.05	10.80	80.30	150	0.00	14.00	32.00	14.00		
19	1784	Kabwe-Urbn	60.00	Quartzite	14.15	60.00	45.35	36.00	16.00	3.70	3.70	54.00	150	0.00	16.81	41.00	16.81			
20	1756	Kabwe-Urbn	70.00	0.00	0.00	0.00	0.00	29.00	29.00	16.00	3.70	3.70	9.90	150	0.00	14.00	14.00	14.00		
21	1912	Kabwe-Urbn	74.40	Schist	15.00	74.40	59.00	24.00	15.00	4.50	2.62	6.04	60.00	150	0.00	10.00	29.00	10.00		
22	388	Kabwe-Urbn	60.00	Schist	60.00	15.00	5.00	15.00	10.00	4.45	1.00	2.13	50.00	150	0.00	18.00	24.00	18.00		
23	2063	Kabwe-Urbn	50.00	Schist	20.00	36.00	15.50	36.00	20.50	1.50	0.50	1.50	110.00	150	0.00	16.00	0.00	16.00		
24	2010	Kabwe-Urbn	60.00	Schist	30.00	60.00	30.00	20.00	21.00	7.00	0.00	58.00	150	0.00	16.00	0.00	16.00			
25	2037	Kabwe-Urbn	80.00	Schist	9.00	48.00	39.00	44.40	9.00	4.80	3.60	6.20	60.00	150	0.00	7.50	0.00	0.00		
26	766	Kabwe-Urbn	75.00	Schist	21.00	32.00	11.00	11.00	21.00	8.10	1.00	2.55	70.00	150	0.00	18.00	24.00	18.00		
27	800-	Kabwe-Urbn	65.00	Schist	18.00	41.00	23.00	41.00	18.00	18.00	1.20	2.81	60.00	150	0.00	13.00	24.00	13.00		
28	2087	Kabwe-Urbn	65.00	Schist	0.00	0.00	0.00	24.00	10.00	10.00	2.37	1.10	49.50	150	0.00	7.00	0.00	0.00		
29	2548-1	Kabwe-Urbn	35.00	Schist	10.00	35.00	25.00	30.00	10.00	5.20	0.37	10.00	30.00	150	0.00	6.00	18.30	6.00		
30	2538-1	Kabwe-Urbn	60.00	Schist	10.00	60.00	50.00	29.00	10.00	4.50	5.00	78.50	150	0.00	6.00	0.00	0.00			
31	2549-1	Kabwe-Urbn	63.40	Limestone	23.00	55.00	32.00	55.00	23.00	12.80	0.00	5.20	41.20	150	0.00	12.00	27.50	12.00		
32	2545-1	Kabwe-Urbn	50.00	Schist	10.00	33.00	23.00	15.00	10.00	7.00	0.20	0.75	35.00	150	0.00	10.00	14.00	10.00		
33	2503-1	Kabwe-Urbn	24.00	Schist	40.00	55.00	31.00	21.00	10.00	2.80	0.00	1.11	45.00	150	0.00	6.00	49.00	6.00		
34	2205	Kabwe-Urbn	60.00	Schist	40.00	50.00	19.00	3.00	40.00	25.00	1.10	1.11	55.00	150	0.00	15.00	45.50	15.00		
35	2204	Kabwe-Urbn	35.00	Schist	10.00	30.00	20.00	10.00	10.00	5.20	0.68	2.37	30.00	150	0.00	6.00	12.00	12.00		
36	2198	Kabwe-Urbn	63.40	Limestone	23.00	55.00	32.00	55.00	23.00	12.80	0.00	5.20	41.20	150	0.00	12.00	27.50	12.00		
37	2566	Kabwe-Urbn	65.00	Schist	0.00	0.00	37.00	37.00	15.00	10.00	7.00	0.68	1.11	60.00	150	0.00	7.00	54.50	7.00	
38	2243	Kabwe-Urbn	45.00	Schist	8.00	45.00	37.00	15.00	8.00	4.00	0.00	39.00	150	0.00	9.00	21.00	9.00	21.00		
39	2634-1	Kabwe-Urbn	65.00	Schist	18.00	55.00	37.00	37.00	10.00	7.00	0.68	1.11	60.00	150	0.00	7.00	54.50	7.00	54.50	
40	2388-0	Kabwe-Urbn	56.00	Limestone	5.00	50.00	45.00	50.00	35.00	1.11	0.80	7.40	44.00	150	0.00	0.00	0.00	0.00		
41	4251	Kabwe-Urbn	60.00	Schist	6.00	60.00	54.00	59.00	6.00	5.17	10.00	70.00	150	0.00	13.00	42.00	13.00	42.00		
42	2567	Kabwe-Urbn	65.50	Schist	7.00	36.00	29.00	9.00	7.00	5.20	4.00	10.50	55.00	150	0.00	12.00	43.00	12.00		
43	2507	Kabwe-Urbn	70.00	Schist	10.00	70.00	60.00	31.00	10.00	4.00	1.80	2.88	60.00	150	0.00	6.00	31.40	6.00		
44	2555	Kabwe-Urbn	65.50	Schist	9.00	38.00	48.00	22.00	9.00	4.50	10.00	54.00	150	0.00	16.50	66.50	16.50	66.50		
45	2548	Kabwe-Urbn	60.00	Schist	6.00	60.00	54.00	33.00	6.00	4.20	4.00	102.00	150	0.00	0.00	0.00	0.00	0.00		
46	4225	Kabwe-Urbn	39.60	Limestone	20.00	24.00	14.00	14.00	2.00	2.35	1.11	48.00	150	0.00	12.00	3.80	12.00	3.80		
47	386-5	Kabwe-Urbn	30.50	Limestone	20.00	25.40	9.00	9.00	7.60	3.50	3.60	4.30	34.00	150	0.00	3.93	14.93	3.93		
48	908-1	Kabwe-Urbn	29.60	Conglomerate	3.00	48.00	18.00	48.00	18.00	18.00	1.80	45.00	150	0.00	0.00	0.00	0.00	0.00		
49	605-1	Kabwe-Urbn	53.00	Granite	30.00	48.00	13.00	48.00	13.00	2.00	2.00	2.79	50.00	150	0.00	10.00	50.00	10.00		
50	931-1	Kabwe-Urbn	54.25	Schist	35.00	48.00	12.00	0.00	0.00	1.30	6.00	12.00	36.00	150	0.00	20.50	3.00	20.50		
51	3637	Kabwe-Urbn	37.00	Limestone	0.00	0.00	0.00	0.00	0.00	25.00	19.80	2.00	2.00	20.00	150	0.00	18.40	40.00	18.40	
52	1425-3	Kabwe-Rural	60.00	Schist	0.00	0.00	0.00	0.00	0.00	41.20	24.40	7.00	7.00	1.66	46.00	150	0.00	9.10	21.30	9.10
53	3321-4	Kabwe-Rural	58.80	Schist	0.00	0.00	0.00	0.00	0.00	38.50	31.30	0.00	0.00	0.00	164.00	150	0.00	3.00	21.30	3.00
54	3321-2	Kabwe-Rural	67.30	Schist	0.00	0.00	0.00	0.00	0.00	30.50	28.50	9.10	9.10	0.00	0.00	0.00	0.00	0.00	0.00	

Input No	Borehole No	District	Total Depth (m)	Lithology	'Thickness of main Aquifer		Groundwater Depth	Specific Yield (ls)	Depth of Pump Intake (G.L.+m)	Diameter (mm)	Plain Casing From (G.L.+m)	Plain Casing To (G.L.+m)	Perforated Casing From (G.L.+m)	Perforated Casing To (G.L.+m)	Depth of Bottom of Casing (G.L.+m)		
					From (G.L.+m)	Total Thickness (G.L.+m)											
55 3521-1	Nubia-Rural	63.00	schist	3.00	55.00	52.00	3.00	3.10	1.48	51.80	130	0.00	8.50	29.10	8.50		
56 2483-1	Nubia-Urban	50.00	granite	25.00	40.00	15.00	31.00	25.00	0.60	15.00	0.00	0.00	15.00	15.00	15.00		
57 2493-1	Nubia-Urban	31.00	schist	10.00	20.00	23.00	6.00	4.00	0.95	5.13	150	0.00	6.00	6.00	13.00		
58 2498-1	Nubia-Urban	80.00	sandstone	13.00	70.00	55.00	45.00	15.00	6.00	7.40	71.00	55.00	150	0.00	10.00	43.00	
59 2501-1	Nubia-Urban	60.00	granite	15.00	45.00	30.00	26.00	10.00	1.10	2.11	53.00	150	0.00	12.00	12.00	45.00	
60 2520-1	Nubia-Urban	60.00	limestone	25.00	45.00	20.00	25.00	20.00	0.20	0.46	58.00	0	0.00	0.00	0.00	30.00	
61 2538-1	Nubia-Urban	100.00	schist	12.00	70.00	58.00	30.00	12.00	7.60	6.25	159.00	70.00	150	0.00	15.00	61.00	
62 2521-1	Nubia-Urban	80.00	schist	12.00	60.00	48.00	30.00	12.00	7.60	4.00	102.00	70.00	150	0.00	15.00	60.00	
63 2493-3	Nubia-Urban	82.00	schist	10.00	73.00	63.00	10.00	7.00	2.00	4.55	70.00	150	0.00	0.00	37.00	0.00	
64 2476-2	Nubia-Urban	60.00	limestone	45.00	55.00	10.00	45.00	25.00	20.00	3.39	28.50	55.00	150	0.00	25.00	40.00	
65 2538-2	Nubia-Urban	80.00	sandstone	30.00	60.00	30.00	12.00	7.60	6.60	10.00	60.00	200	0.00	15.00	80.00	0.00	
66 2520-3	Nubia-Urban	80.00	limestone	45.00	80.00	35.00	45.00	32.00	0.16	0.15	72.00	0	0.00	0.00	0.00	0.00	
67 2147	Nubia-Urban	60.00	schist	30.00	36.00	6.00	26.00	10.00	5.00	0.31	38.00	150	0.00	10.00	55.00	55.00	
68 2176	Nubia-Kumai	60.00	schist	30.00	45.00	15.00	30.00	7.00	3.00	4.50	159.00	57.00	150	0.00	15.00	40.00	
69 2146	Nubia-Kumai	75.00	sandstone	16.00	61.00	25.00	16.00	20.00	7.10	2.50	4.99	70.00	140	0.00	10.00	55.00	55.00
70 2094	Nubia-Kumai	70.00	sand	27.00	70.00	43.00	27.00	27.00	0.05	0.10	64.00	150	0.00	48.00	54.00	54.00	
71 2135	Nubia-Rural	75.00	sandstone	36.00	60.00	24.00	24.00	10.00	1.60	3.44	70.00	150	0.00	15.00	75.00	75.00	
72 2045	Nubia-Rural	80.00	dolomite	14.00	42.00	28.00	14.00	4.80	1.50	2.91	73.00	150	0.00	13.00	31.00	31.00	
73 2054	Nubia-Kumai	50.00	granite	10.00	50.00	40.00	10.00	10.00	6.00	8.40	107.00	48.00	150	0.00	9.00	21.00	
74 2041	Nubia-Kumai	30.00	sand	43.00	80.00	37.00	43.00	23.00	7.00	0.16	2.26	60.00	150	0.00	31.00	0.00	0.00
75 2038	Nubia-Kumai	80.00	met-lignite	30.00	60.00	30.00	30.00	6.00	4.00	2.80	5.90	60.00	150	0.00	15.00	45.00	45.00
76 2040	Nubia-Rural	80.00	sandstone	26.00	40.00	14.00	26.00	25.00	9.00	0.50	2.16	29.00	150	0.00	24.80	30.80	30.80
77 2014	Nubia-Rural	53.00	granite	18.30	36.60	18.30	18.00	9.10	5.10	2.00	4.25	48.00	150	0.00	6.10	25.10	25.10
78 2017	Nubia-Rural	80.00	sandstone	30.00	60.00	36.00	30.00	10.00	7.00	3.70	10.80	72.00	150	0.00	15.00	76.00	76.00
79 2013	Nubia-Rural	80.00	granite	40.00	75.00	35.00	75.00	40.00	10.00	2.70	9.33	73.00	150	0.00	40.00	80.00	80.00
80 2012	Nubia-Rural	30.00	schist	36.00	55.00	19.00	36.00	15.00	6.00	3.30	11.90	60.00	150	0.00	15.00	33.60	33.60
81 1910	Nubia-Rural	70.00	schist	16.00	70.00	54.00	16.00	16.00	2.90	1.30	6.10	65.00	150	0.00	15.50	30.50	30.50
82 1891	Nubia-Rural	70.70	quartzite	24.50	55.00	36.00	55.00	24.50	13.30	1.14	2.16	59.00	150	0.00	24.20	42.50	42.50
83 1929	Nubia-Rural	70.00	limestone	36.00	70.00	34.00	40.00	27.00	24.05	6.20	110.00	66.00	150	0.00	26.00	39.00	39.00
84 1928	Nubia-Rural	70.00	schist	13.00	70.00	57.00	13.00	13.00	2.15	2.20	8.72	66.00	150	0.00	12.00	24.00	24.00
85 1909	Nubia-Rural	50.00	schist	28.00	50.00	22.00	28.50	10.80	0.50	4.39	45.00	150	0.00	24.00	31.00	31.00	
86 1823	Nubia-Rural	36.00	granite	5.00	20.00	15.00	0.00	5.00	3.30	0.08	0.13	55.00	150	0.00	0.00	10.00	0.00
87 1824	Nubia-Rural	61.00	dolomite	50.00	60.00	10.00	50.00	10.00	6.70	1.50	17.80	58.00	150	0.00	40.00	50.00	50.00
88 1832	Nubia-Urban	41.00	dolomite	18.00	40.00	22.00	18.00	14.00	1.00	86.49	40.00	150	0.00	14.00	26.00	26.00	
89 1895	Nubia-Rural	70.00	schist	29.00	70.00	41.00	29.00	19.00	9.40	1.40	14.10	65.00	150	0.00	24.00	30.00	30.00
90 1865	Nubia-Rural	30.00	limestone	13.00	30.00	17.00	24.00	13.00	7.80	3.70	170.00	24.00	150	0.00	18.00	24.00	24.00
91 1850	Nubia-Rural	26.00	sand	14.00	40.00	26.00	14.00	14.00	13.00	5.50	475.00	24.00	150	0.00	14.00	26.00	26.00
92 1849	Nubia-Rural	50.00	sand&gravel	44.00	50.00	6.00	44.50	41.00	28.00	1.00	9.60	49.00	150	0.00	40.00	50.00	50.00
93 1876	Nubia-Rural	67.00	quartzite	28.00	67.00	39.00	28.67	28.00	13.05	2.00	6.93	65.00	150	0.00	16.00	52.00	52.00
94 1869	Nubia-Rural	39.00	schist	29.00	59.00	30.00	29.59	19.00	6.40	2.80	51.00	150	0.00	20.00	27.00	27.00	
95 1864	Nubia-Rural	60.00	dolomite	19.00	60.00	41.00	24.00	19.00	9.50	146.00	50.00	150	0.00	11.60	0.00	0.00	
96 1773	Nubia-Rural	65.00	sandstone	24.00	33.00	9.00	24.00	14.00	3.70	3.50	14.50	63.00	150	0.00	9.00	65.00	65.00
97 1657	Nubia-Rural	62.00	granite	21.00	55.00	12.00	0.00	21.00	3.10	0.80	0.13	58.00	150	0.00	0.00	0.00	0.00
98 1692	Nubia-Rural	65.00	limestone	30.00	40.00	10.00	30.00	13.00	7.30	3.72	62.00	150	0.00	24.00	30.00	30.00	
99 1742	Nubia-Rural	56.00	granite	28.00	47.00	19.00	30.00	19.00	5.00	1.76	54.00	150	0.00	27.00	0.00	0.00	
100 1614	Nubia-Rural	65.00	limestone	12.00	60.00	48.00	12.00	0.00	9.60	0.00	60.00	150	0.00	11.60	0.00	0.00	
101 1647	Nubia-Rural	55.00	granite	30.00	40.00	10.00	30.00	20.00	6.20	0.47	0.95	51.00	150	0.00	10.62	31.23	31.23
102 1648	Nubia-Rural	65.00	schist	30.00	55.00	25.00	33.00	14.00	2.50	5.27	61.00	150	0.00	23.00	33.00	33.00	
103 1680	Nubia-Rural	65.00	granite	15.00	55.00	40.00	55.00	15.00	5.00	0.29	61.00	150	0.00	16.00	26.00	26.00	
104 1680	Nubia-Rural	60.00	limestone	15.00	55.00	40.00	50.00	15.00	5.00	1.76	57.00	150	0.00	16.01	26.01	26.01	
105 1532	Nubia-Rural	55.00	schist	7.00	55.00	48.00	7.00	0.00	3.50	2.10	4.71	54.00	150	0.00	17.00	23.00	23.00
106 1533	Nubia-Rural	55.00	schist	16.00	51.00	35.00	16.00	10.00	6.50	4.60	15.60	49.00	150	0.00	13.00	19.00	19.00
107 1535	Nubia-Rural	58.00	schist	16.00	58.00	42.00	16.00	16.00	4.60	2.50	6.47	5.00	150	0.00	21.00	21.00	21.00
108 1536	Nubia-Rural	50.00	schist	9.50	50.00	40.50	9.50	0.00	5.90	2.30	8.28	48.00	150	0.00	12.00	24.00	24.00



Borehole No.	Depth (m)	District	Lithology	Thickness of main Aquifer			Groundwater Depth			Perforated Casing			Depth of Bottom of Casing (C.L.-m)				
				Total (G.L.-m)	From (G.L.-m)	To (G.L.-m)	Main Thickness (m)	Supply (G.L.-m)	First Strike (G.L.-m)	Stake (G.L.-m)	Diameter (mm)	From (G.L.-m)	To (G.L.-m)	(G.L.-m)	Yield (l/s)	Specific Capacity (m³/day)	Depth of Pump Intake (G.L.-m)
108 1337	41.00	Nubia-Rural	schist	17.30	41.00	23.50	7.50	2.50	1.00	2.93	150	0.00	26.00	14.00	14.00	26.00	
110 1513	60.00	Nubia-Rural	schist	14.00	60.00	46.00	14.00	5.00	1.20	2.59	150	0.00	36.00	15.00	15.00	36.00	
111 1534	63.00	Nubia-Rural	granite	36.00	65.00	29.00	36.65	8.50	0.80	1.89	64.00	0.00	36.00	15.00	15.00	35.00	
112 1428	50.00	Nubia-Rural	schist	15.00	50.00	35.00	15.00	7.60	1.30	3.82	48.20	0.00	12.00	12.00	12.00	43.00	
113 726-1	60.00	Nubia-Urban	limestone	10.00	60.00	40.00	39.00	10.00	7.30	1.15	2.69	55.00	0.00	14.00	14.00	14.00	21.47
114 802-1	53.53	Nubia-Urban	limestone	18.28	27.00	8.72	27.00	18.28	14.00	2.40	18.00	25.00	0.00	14.00	14.00	14.00	23.47
115 1002-1	80.00	Nubia-Rural	quartzite	37.00	78.00	41.00	78.00	37.00	25.00	0.25	0.43	75.00	0.00	14.55	14.55	14.55	29.55
116 1010-1	75.00	Nubia-Rural	gneiss	15.00	75.00	40.00	55.00	15.00	8.00	0.10	0.14	70.00	0.00	0.00	0.00	0.00	0.00
117 979-1	61.00	Nubia-Urban	schist	10.00	56.00	46.00	36.00	10.00	7.00	0.50	0.85	59.00	0.00	10.00	10.00	10.00	48.76
118 1025-1	61.00	Nubia-Urban	granite	24.00	51.00	27.00	42.00	7.00	0.83	1.41	58.00	0.00	7.00	7.00	7.00	42.67	
119 1044-1	80.00	Nubia-Urban	limestone	6.00	25.00	19.00	31.00	6.00	6.00	4.60	6.74	75.00	0.00	30.00	32.50	32.50	50.10
120 1030-2	75.00	Nubia-Rural	granite	10.00	59.00	49.00	33.00	10.00	5.30	0.87	1.17	70.00	0.00	6.10	6.10	6.10	62.80
121 1047-1	61.00	Nubia-Urban	schist	12.00	49.00	28.00	30.00	12.00	6.90	0.91	1.57	50.00	0.00	7.00	7.00	7.00	30.50
122 1025-5	61.00	Nubia-Rural	granite	7.00	45.00	38.00	16.00	7.00	4.20	0.83	1.36	57.00	0.00	4.00	4.00	4.00	11.90
123 650-3	80.00	Nubia-Rural	schist	21.00	38.00	17.00	24.00	21.00	21.10	5.00	288.00	60.00	0.00	45.70	80.00	80.00	80.00
124 814-2	80.00	Nubia-Rural	limestone	27.40	73.10	45.70	48.70	27.40	5.40	3.70	5.24	76.20	0.00	27.44	27.44	27.44	42.67
125 546-6	80.00	Nubia-Rural	schist	55.00	65.00	10.00	65.00	55.00	40.00	0.75	0.00	45.00	0.00	15.24	15.24	15.24	57.91
126 903-1	57.00	Nubia-Urban	limestone	21.00	30.50	8.60	28.20	21.00	15.00	3.10	22.30	27.00	0.00	14.60	14.60	14.60	24.38
127 3082	31.55	Nubia-Rural	granite	9.00	15.00	6.00	15.00	9.00	4.00	1.38	5.68	21.00	0.00	6.00	6.00	6.00	18.00
128 3079	31.00	Nubia-Rural	granite	12.00	31.00	19.00	14.00	12.00	6.40	0.50	0.00	27.00	0.00	9.00	9.00	9.00	27.00
129 3043	56.00	Nubia-Urban	conglomerate	15.00	30.00	15.00	24.00	15.00	12.30	55.83	0.00	51.00	0.00	15.00	15.00	15.00	30.00
130 3081	57.00	Nubia-Rural	granite	30.00	57.00	26.10	30.00	30.00	6.60	0.30	0.00	34.00	0.00	9.00	9.00	9.00	30.00
131 3041	60.00	Nubia-Urban	schist	12.00	45.00	33.00	30.00	12.00	7.60	3.30	38.50	40.00	0.00	15.00	15.00	15.00	36.00
132 3192-1	60.00	Nubia-Urban	sandstone	12.00	45.00	33.00	30.00	12.00	4.20	0.75	1.41	50.00	0.00	15.00	15.00	15.00	46.00
133 3197-2	71.00	Nubia-Urban	quartzite	12.00	60.00	48.00	30.00	12.00	5.00	9.00	9.00	50.00	0.00	15.00	15.00	15.00	60.00
134 3050-5	60.00	Nubia-Urban	quartzite	12.00	42.00	30.00	30.00	12.00	7.00	4.00	69.10	50.00	0.00	18.80	18.80	18.80	48.80
135 3050-3	60.00	Nubia-Urban	limestone	12.00	45.00	33.00	25.00	12.00	7.00	4.00	69.10	50.00	0.00	20.00	20.00	20.00	48.70
136 2635-5	60.00	Nubia-Urban	limestone	10.00	45.00	35.00	25.00	10.00	5.00	2.50	30.90	50.00	0.00	10.00	10.00	10.00	33.00
137 2267-4	63.00	Nubia-Rural	quartzite	10.00	45.00	35.00	33.00	10.00	25.00	0.60	2.07	45.00	0.00	20.00	20.00	20.00	45.00
138 3414-3	63.00	Nubia-Urban	limestone	10.00	50.00	40.00	30.00	10.00	6.60	6.60	143.00	53.00	0.00	15.00	15.00	15.00	61.00
139 3253-1	65.53	Nubia-Urban	limestone	10.00	50.55	20.55	30.55	10.00	4.26	6.60	73.70	36.00	0.00	10.00	10.00	10.00	40.00
140 2538-3	96.00	Nubia-Urban	schist	33.00	60.00	27.00	50.00	16.60	2.50	9.23	60.00	0.00	20.00	20.00	20.00	53.00	
141 3241-1	68.00	Nubia-Urban	schist	12.00	52.00	25.00	13.00	12.00	10.00	0.13	0.00	10.00	0.00	12.60	12.60	12.60	30.60
142 3240-1	60.00	Nubia-Urban	schist	13.00	50.00	37.00	33.00	13.00	7.00	2.00	9.80	46.00	0.00	12.00	12.00	12.00	46.00
143 3231-1	36.00	Nubia-Urban	schist	12.00	30.00	18.00	10.00	12.00	6.00	1.10	5.00	33.00	0.00	15.00	15.00	15.00	33.00
144 3232-1	36.00	Nubia-Urban	schist	10.00	33.00	23.00	20.55	10.00	6.60	1.60	7.28	20.00	0.00	15.00	15.00	15.00	36.00
145 1158-1	15.00	Nubia-Urban	schist	15.00	45.00	30.00	30.00	15.00	3.70	16.80	55.00	0.00	15.00	15.00	15.00	55.00	
146 2764	60.00	Nubia-Rural	schist	30.00	50.00	20.00	15.00	15.00	7.00	5.00	18.80	60.00	0.00	15.00	15.00	15.00	38.00
147 3225-1	50.00	Nubia-Urban	sandstone	10.00	40.00	30.00	10.00	10.00	6.00	1.10	5.00	40.00	0.00	15.00	15.00	15.00	33.00
148 2635-6	36.00	Nubia-Urban	sandstone	10.00	30.00	23.00	10.00	10.00	6.00	2.80	17.30	33.00	0.00	15.00	15.00	15.00	33.00
149 3214-2	60.00	Nubia-Urban	limestone	10.00	45.00	35.00	31.00	10.00	8.30	0.00	50.00	12.20	0.00	15.00	15.00	15.00	60.00
150 3220-1	50.00	Nubia-Urban	sandstone	12.00	45.00	33.00	30.00	12.00	5.00	4.00	17.30	40.00	0.00	15.00	15.00	15.00	45.00
151 3215-1	55.00	Nubia-Urban	limestone	10.00	36.00	26.00	33.00	10.00	5.30	1.60	5.60	50.00	0.00	6.00	6.00	6.00	37.00
152 3215-1	60.00	Nubia-Urban	schist	20.00	45.00	25.00	10.00	10.00	1.50	4.88	97.20	30.00	0.00	10.00	10.00	10.00	40.00
153 2989-1	43.00	Nubia-Urban	gneiss	6.00	30.00	24.00	25.00	6.00	2.30	1.50	4.68	25.00	0.00	15.00	15.00	15.00	36.00
154 2989-2	60.00	Nubia-Urban	sandstone	12.00	45.00	33.00	30.00	12.00	4.00	4.10	12.20	55.00	0.00	6.70	6.70	6.70	36.00
155 3025-1	62.60	Nubia-Urban	gneiss	23.00	45.50	22.50	23.00	11.00	0.50	0.98	25.00	0.00	10.00	10.00	10.00	25.00	
156 3051-1	80.00	Nubia-Urban	limestone	15.00	52.00	27.00	15.00	15.00	5.00	52.70	76.00	0.00	15.00	15.00	15.00	76.00	
157 3064-1	60.00	Nubia-Rural	limestone	12.00	50.00	38.00	16.00	12.00	8.00	1.60	2.94	55.00	0.00	10.00	10.00	10.00	40.00
158 3068-1	45.00	Nubia-Urban	limestone	10.00	40.00	30.00	10.00	10.00	6.00	4.50	10.00	25.00	0.00	6.00	6.00	6.00	37.00
159 3063-1	30.00	Nubia-Urban	limestone	12.00	25.00	13.00	25.00	12.00	10.00	5.00	5.00	25.00	0.00	10.00	10.00	10.00	30.00
160 3060-2	36.00	Nubia-Urban	detrital	15.00	30.00	15.00	25.00	15.00	10.00	2.50	20.00	30.00	0.00	15.00	15.00	15.00	30.00
161 3079-1	36.00	Nubia-Urban	detrital	15.00	30.00	15.00	25.00	15.00	10.00	1.21	30.00	15.00	0.00	15.00	15.00	15.00	37.00
162 3077-1	37.00	Nubia-Urban	schist	15.00	30.00	15.00	25.00	15.00	10.00	0.66	2.11	33.00	0.00	15.00	15.00	15.00	37.00

Input No	Borehole No	District	Depth (m)	Thickness of matrix/ aquifer		Groundwater Depth		Specific Capacity (m/day)	Yield (l/s)	From (G.L.-m)	To (G.L.-m)	Perforated Casing (G.L.-m)	From (G.L.-m)	To (G.L.-m)	Depth of Casing (G.L.-m)	
				Total	From	To	Total Thickness (m)	Main Supply (G.L.-m)	First Stock (G.L.-m)	Static (G.L.-m)						
163 3078-1	Niola-Urban	80.00	limestone	15.00	70.00	70.00	15.00	10.00	6.25	50.00	200	0.00	15.00	15.00	37.00	
164 3133-1	Niola-Urban	60.00	limestone	15.00	45.00	30.00	33.00	15.00	4.00	1.90	150	0.00	15.00	15.00	55.00	
165 3125-1	Niola-Rural	40.00	schist	25.00	30.00	5.00	30.00	25.00	23.00	0.33	2.85	150	0.00	10.00	10.00	41.00
166 3146-1	Niola-Urban	52.00	sandstone	12.00	45.00	33.00	30.00	12.00	10.00	3.70	32.00	45.00	150	0.00	12.00	50.00
167 3159-1	Niola-Urban	45.00	schist	12.00	30.00	18.00	30.00	12.00	6.00	0.37	40.00	40.00	150	0.00	15.00	30.00
168 3158-1	Niola-Urban	60.00	schist	15.00	45.00	30.00	30.00	15.00	6.00	3.70	16.80	55.00	150	0.00	15.00	55.00
169 2816	Niola-Rural	60.00	limestone	6.00	50.00	44.00	6.00	2.00	2.00	9.00	37.00	60.00	150	0.00	15.00	48.00
170 2834	Niola-Rural	45.40	limestone	10.00	30.00	20.00	10.00	10.00	10.00	7.10	76.70	40.00	150	0.00	6.00	30.00
171 2731	Niola-Rural	58.00	granite	12.00	40.00	40.00	20.00	12.00	5.30	1.00	2.29	45.00	150	0.00	6.20	16.30
172 2646	Niola-Rural	65.00	limestone	40.00	65.00	25.00	55.00	40.00	0.00	3.30	0.00	60.00	150	0.00	0.00	36.00
173 2633	Niola-Rural	75.00	granite	15.00	50.00	35.00	30.00	15.00	6.00	2.50	8.00	55.00	200	0.00	16.00	60.00
174 2921-1	Niola-Urban	40.00	schist	10.00	25.00	15.00	10.00	10.00	5.00	11.40	30.00	150	0.00	11.00	31.00	31.00
175 2921-2	Niola-Urban	43.00	schist	20.00	30.00	10.00	20.00	10.00	10.00	0.47	2.03	30.00	150	0.00	20.00	43.00
176 2940-1	Niola-Urban	45.00	schist	12.00	30.00	14.00	30.00	12.00	6.00	0.31	0.89	36.00	150	0.00	15.10	40.30
177 2383-2	Niola-Urban	0.00	granite	12.00	45.00	33.00	0.00	0.00	0.00	1.14	0.00	0	0.00	0.00	0.00	0.00
178 2895-1	Niola-Urban	60.00	limestone	15.00	50.00	35.00	30.00	15.00	10.00	6.60	31.70	55.00	150	0.00	15.00	60.00
179 2888-1	Niola-Urban	60.00	granite	20.00	50.00	30.00	40.00	20.00	20.00	4.00	25.00	8.31	55.00	6.00	6.00	30.00
180 2846-2	Niola-Urban	60.00	limestone	30.00	41.00	11.00	41.00	30.00	20.00	6.60	11.60	55.00	150	0.00	23.00	59.20
181 2846-1	Niola-Urban	60.00	limestone	33.00	45.00	12.00	45.00	33.00	25.00	2.20	9.50	55.00	150	0.00	36.00	0.00
182 2835-1	Niola-Urban	62.00	schist	10.00	55.00	45.00	30.00	10.00	4.00	5.00	216.00	45.00	150	0.00	3.00	50.20
183 2847-1	Niola-Urban	60.00	limestone	10.00	55.00	45.00	30.00	10.00	4.70	6.60	439.00	55.00	150	0.00	20.00	50.00
184 2835-1	Niola-Urban	65.00	granite	20.00	45.00	25.00	30.00	20.00	10.00	1.25	2.41	60.00	150	0.00	15.00	45.00
185 2675	Niola-Rural	63.20	schist	7.00	63.00	56.00	0.00	7.00	6.20	2.25	0.00	50.00	150	0.00	29.00	59.20
186 2826-1	Niola-Urban	75.00	limestone	15.00	65.00	50.00	30.00	15.00	10.00	5.00	43.20	55.00	150	0.00	15.00	60.00
187 2824-1	Niola-Urban	60.00	limestone	12.00	45.00	31.00	30.00	12.00	5.30	5.60	32.90	35.00	150	0.00	15.00	50.00
188 2823-1	Niola-Urban	48.00	granite	21.00	40.00	19.00	30.00	21.00	5.00	1.60	3.95	40.00	150	0.00	6.00	30.60
189 2783-1	Niola-Urban	45.00	schist	25.00	50.00	5.00	30.00	25.00	12.60	0.37	1.74	36.00	150	0.00	25.00	36.00
190 2612-1	Niola-Rural	60.00	granite	25.00	45.00	20.00	36.00	25.00	20.00	2.80	15.10	55.00	150	0.00	20.00	40.00
191 2739-1	Niola-Urban	60.00	sandstone	6.00	30.00	24.00	6.00	2.80	0.66	1.09	55.00	150	0.00	6.00	6.00	25.50
192 2748-1	Niola-Urban	60.00	schist	12.00	45.00	33.00	25.00	12.00	30.00	0.67	2.32	55.00	150	0.00	13.00	36.00
193 2742-1	Niola-Rural	30.00	limestone	25.00	30.00	5.00	0.00	25.00	23.00	0.60	10.40	28.00	150	0.00	28.00	30.00
194 2625-3	Niola-Urban	39.00	dolomite	15.00	25.00	10.00	25.00	15.00	8.00	0.37	1.60	45.00	150	0.00	15.60	30.60
195 2635-2	Niola-Urban	50.00	schist	10.00	45.00	35.00	30.00	10.00	7.00	5.00	48.00	45.00	150	0.00	20.00	40.00
196 2724-1	Niola-Urban	39.00	schist	20.00	25.00	5.00	25.00	20.00	15.20	5.00	44.10	28.00	150	0.00	13.50	46.50
197 1686-7	Niola-Urban	60.00	schist	10.00	53.00	45.00	25.00	10.00	8.00	6.60	25.40	55.00	150	0.00	15.00	59.00
198 2675-1	Niola-Urban	30.00	limestone	10.00	25.00	15.00	25.00	10.00	6.00	40.00	45.00	200	150	0.00	10.00	25.00
199 2670-1	Niola-Urban	33.00	limestone	14.00	25.00	16.00	25.00	14.00	12.40	4.00	0.00	30.00	150	0.00	15.00	33.40
200 2671-1	Niola-Urban	60.00	limestone	12.00	55.00	43.00	30.00	12.00	6.00	4.70	21.40	35.00	150	0.00	15.20	60.20
201 2636-1	Niola-Urban	51.00	limestone	10.00	45.00	33.00	30.00	12.00	8.20	4.50	9.77	15.00	150	0.00	15.00	30.00
202 2228	Niola-Rural	65.00	granite	23.00	56.00	23.00	30.00	23.00	10.00	1.25	2.40	55.00	150	0.00	15.00	59.60
203 2234	Niola-Rural	65.00	limestone	25.00	50.00	45.00	25.00	25.00	20.00	6.60	5.80	55.00	150	0.00	15.00	50.00
204 2635-1	Niola-Urban	60.00	sandstone	12.00	55.00	43.00	45.00	12.00	6.00	4.10	13.10	55.00	150	0.00	15.00	55.00
205 2346-1	Niola-Urban	25.00	limestone	10.00	40.00	25.00	20.00	10.00	3.60	4.00	49.40	20.00	150	0.00	5.00	26.00
206 2625-1	Niola-Urban	70.00	limestone	10.00	51.00	40.00	30.00	10.00	6.00	4.00	18.20	33.00	150	0.00	19.60	59.60
207 2618-1	Niola-Urban	50.00	granite	15.00	33.00	18.00	30.00	20.00	15.00	1.70	21.30	60.00	150	0.00	15.00	64.00
208 2619-1	Niola-Urban	65.00	limestone	6.00	45.00	39.00	30.00	6.00	2.00	6.25	13.50	55.00	150	0.00	15.00	43.00
209 3970-1	Niola-Urban	15.00	schist	15.00	45.00	30.00	15.00	15.00	6.00	2.00	4.67	43.00	150	0.00	15.00	43.00
210 3978-1	Niola-Urban	45.00	limestone	15.00	40.00	25.00	40.00	15.00	6.00	5.00	12.00	42.00	150	0.00	13.00	45.00
211 3388-1	Niola-Urban	40.00	schist	15.00	36.00	21.00	30.00	15.00	6.00	2.00	9.00	36.00	150	0.00	15.00	27.40
212 3918-1	Niola-Urban	50.00	granite	15.00	33.00	18.00	30.00	15.00	6.00	2.50	6.35	40.00	150	0.00	15.00	40.00
213 395-1	Niola-Rural	60.00	schist	20.00	40.00	20.00	30.00	20.00	15.00	2.53	4.00	150	0.00	20.30	30.30	30.30
214 3867-1	Niola-Urban	40.00	sandstone	15.00	30.00	15.00	30.00	15.00	6.00	3.20	19.70	36.00	150	0.00	15.80	40.80
215 3856-1	Niola-Urban	60.00	schist	0.00	0.00	0.00	33.00	15.00	2.50	9.00	30.00	150	0.00	15.00	55.00	55.00
216 3867-1	Niola-Urban	40.00	limestone	15.00	30.00	15.00	30.00	15.00	6.00	18.50	45.00	150	0.00	15.00	36.00	36.00



Geological map showing the locations of the boreholes across the study area.



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Input No.	Borehole No.	District	Total Depth (m)	Lithology	Thickness of main Aquifer			Groundwater Depth			Perforated Casing					
					From (G.L.-m)	To (G.L.-m)	Total Thickness (G.L.-m)	Main Supply (G.L.-m)	Wells Struck (G.L.-m)	Static (G.L.-m)	From (G.L.-m)	To (G.L.-m)	(G.L.-m)			
217	3635-2	Nubia-Urban	60.00	quartzite	14.00	30.00	14.00	12.00	6.00	1.10	2.86	1.30	1.30			
218	3654-2	Nubia-Urban	60.00	schist	12.00	45.00	36.00	30.00	15.00	0.87	2.44	1.50	1.50			
219	3634-1	Nubia-Urban	60.00	granite	15.00	45.00	30.00	33.00	13.00	9.00	45.00	15.00	15.00			
220	3654-3	Nubia-Urban	60.00	schist	15.00	45.00	30.00	30.00	12.00	2.50	45.00	15.00	15.00			
221	3664-1	Nubia-Rural	52.00	schist	12.00	45.00	33.00	30.00	12.00	6.00	45.00	15.00	15.00			
222	3552-2	Nubia-Urban	47.00	sandstone	15.00	37.00	22.00	23.00	15.00	1.80	5.98	15.00	15.00			
223	3728-2	Nubia-Rural	45.00	granite	25.00	33.00	25.00	12.00	0.46	36.00	15.00	23.00	25.00			
224	3728-1	Nubia-Rural	43.00	granite	33.00	43.00	10.00	0.00	25.00	0.16	40.00	15.00	20.00			
225	3696-1	Nubia-Urban	55.00	sandstone	15.00	36.00	21.00	30.00	15.00	2.50	11.40	15.00	15.00			
226	3307-1	Nubia-Urban	42.00	schist	15.00	30.00	15.00	6.00	3.40	15.50	36.00	15.00	15.00			
227	3706-1	Nubia-Urban	50.00	limestone	20.00	65.00	45.00	30.00	20.00	6.00	50.00	15.00	15.00			
228	3183-3	Nubia-Urban	70.00	schist	12.00	53.00	43.00	25.00	12.00	4.20	5.00	55.40	15.00	15.00		
229	3557-1	Nubia-Urban	70.00	schist	12.00	69.00	48.00	30.00	12.00	7.20	5.20	35.10	15.00	15.00		
230	3552-1	Nubia-Urban	60.00	schist	10.00	35.00	45.00	10.00	0.00	2.00	5.76	15.00	10.00	10.00		
231	3531-1	Nubia-Urban	60.00	schist	20.00	45.00	25.00	30.00	20.00	12.00	4.00	43.20	20.00	20.00		
232	3529-1	Nubia-Urban	60.00	sandstone	13.00	45.00	30.00	10.00	15.00	10.00	6.25	54.00	15.00	15.00		
233	3584-1	Nubia-Urban	60.00	granite	10.00	55.00	45.00	45.00	10.00	6.00	2.00	5.76	36.00	15.00	15.00	
234	3701-1	Nubia-Urban	60.00	sandstone	15.00	45.00	30.00	15.00	10.00	2.50	10.80	48.00	15.00	15.00		
235	3676-2	Nubia-Urban	65.00	schist	15.00	50.00	35.00	45.00	15.00	6.00	0.25	43.99	15.00	15.00		
236	3584-2	Nubia-Urban	60.00	granite	13.00	45.00	35.00	30.00	15.00	2.00	7.20	36.00	15.00	14.55		
237	3175-3	Nubia-Urban	60.00	sandstone	12.00	50.00	38.00	30.00	12.00	10.00	2.90	12.50	30.00	15.00	15.00	
238	745-2	Nubia-Urban	50.00	limestone	20.00	45.00	25.00	30.00	20.00	10.00	4.00	34.68	36.00	20.00	20.00	
239	3520-4	Nubia-Urban	80.00	limestone	36.00	67.00	31.00	67.00	36.00	30.00	0.31	0.57	77.00	15.00	16.80	
240	3434-1	Nubia-Urban	85.00	limestone	20.00	45.00	25.00	45.00	6.00	6.00	7.40	96.90	55.00	20.00	20.00	
241	3426-2	Nubia-Urban	67.00	sandstone	55.00	64.00	9.00	64.00	55.00	53.00	2.50	108.00	60.00	35.00	35.00	
242	3383-1	Nubia-Urban	60.00	limestone	33.00	50.00	27.00	33.00	15.00	6.00	1.40	45.70	50.00	15.00	15.00	
243	3390-1	Nubia-Urban	60.00	limestone	15.00	45.00	30.00	30.00	15.00	2.50	9.00	40.00	15.00	15.00	25.00	
244	3402-1	Nubia-Urban	45.00	schist	15.00	50.00	25.00	25.00	15.00	0.20	0.64	33.00	15.00	15.00	25.00	
245	3383-4	Nubia-Urban	60.00	sandstone	45.00	55.00	10.00	55.00	45.00	40.00	1.60	46.10	43.00	40.00	45.00	
246	3336-3	Nubia-Urban	60.00	sandstone	10.00	45.00	35.00	20.00	10.00	6.00	21.30.00	26.00	15.00	15.00	33.40	
247	3389-3	Nubia-Urban	55.00	limestone	28.50	60.00	31.00	31.00	15.00	6.00	1.42	53.00	40.00	20.00	20.00	
248	3336-4	Nubia-Urban	60.00	sandstone	10.00	45.00	35.00	20.00	10.00	6.00	173.00	40.00	15.00	15.00	33.00	
249	3441-1	Nubia-Urban	60.00	limestone	15.00	45.00	30.00	30.00	15.00	10.00	5.00	216.00	43.00	15.00	15.00	33.00
250	3426-1	Nubia-Urban	60.00	sandstone	33.00	50.00	17.00	50.00	33.00	26.00	6.25	23.40	50.00	15.00	15.00	36.38
251	3431-1	Nubia-Urban	82.00	schist	24.00	72.00	47.00	33.00	24.00	20.00	1.42	3.97	60.00	15.00	15.00	50.00
252	3481-1	Nubia-Urban	60.00	limestone	28.50	45.00	17.00	36.50	28.50	25.00	2.73	53.00	40.00	15.00	15.00	31.50
253	3275-2	Nubia-Urban	60.00	limestone	23.00	45.00	22.00	33.00	23.00	15.00	1.60	4.61	45.00	15.00	15.00	31.00
254	#N/A	Nubia-Urban	60.00	limestone	12.00	45.00	33.00	30.00	12.00	10.00	1.33	7.66	45.00	15.00	15.00	32.00
255	3283-2	Nubia-Urban	60.00	limestone	10.00	45.00	35.00	30.00	10.00	3.00	6.60	31.50	40.00	15.00	15.00	30.00
256	3306-1	Nubia-Urban	60.00	limestone	10.00	45.00	35.00	30.00	12.00	7.60	3.30	38.50	40.00	15.00	15.00	36.00
257	3295-2	Nubia-Urban	60.00	schist	10.00	40.00	40.00	40.00	10.00	4.50	5.00	41.10	40.00	10.00	10.00	36.00
258	3285-3	Nubia-Urban	60.00	limestone	15.00	45.00	35.00	33.00	23.00	15.00	6.25	38.60	50.00	15.00	15.00	43.00
259	3276-1	Nubia-Urban	61.00	granite	12.00	55.00	43.00	45.00	12.00	4.20	2.80	9.38	45.00	15.00	15.00	45.00
260	3275-1	Nubia-Urban	56.40	schist	15.00	45.00	45.00	30.00	15.00	10.00	1.60	6.19	45.00	15.00	15.00	45.00
261	3306-1	Nubia-Urban	60.00	granite	12.00	45.00	33.00	30.00	12.00	7.60	3.30	38.50	40.00	15.00	15.00	36.00
262	3183-2	Nubia-Urban	60.00	limestone	10.00	45.00	35.00	30.00	10.00	6.00	8.30	35.00	50.00	15.00	15.00	45.00
263	3285-3	Nubia-Urban	60.00	limestone	15.00	45.00	30.00	45.00	15.00	15.00	5.00	41.10	45.00	15.00	15.00	43.00
264	3336-1	Nubia-Urban	60.00	limestone	15.00	45.00	30.00	30.00	15.00	10.00	3.30	6.48	55.00	15.00	15.00	45.00
265	3340-1	Nubia-Urban	60.00	limestone	15.00	45.00	30.00	30.00	15.00	10.00	2.50	9.00	45.00	15.00	15.00	45.00
266	3358-1	Nubia-Urban	60.00	limestone	21.00	45.00	36.00	21.00	14.00	3.40	24.50	50.00	15.00	14.30	21.30	45.00
267	3359-1	Nubia-Urban	60.00	sandstone	12.00	45.00	33.00	30.00	10.00	6.00	1.40	3.10	45.00	15.00	15.00	45.00
268	2625-4	Nubia-Urban	60.00	schist	20.00	50.00	30.00	30.00	20.00	16.40	6.00	18.20	45.00	15.00	15.00	25.00
269	3343-1	Nubia-Urban	60.00	schist	24.00	50.00	30.00	30.00	24.00	15.00	1.60	1.54	50.00	15.00	15.00	30.00
270	3053	Nubia-Urban	56.00	quartzite	24.00	6.00	24.00	15.00	10.00	15.00	0.00	15.00	51.00	15.00	15.00	30.00

Input No	Borehole No	District	Total Depth (m)	Lithology	Thickness of main Aquifer			Groundwater Depth		Yield (l/s)	Specific Capacity (m³/day)	Depth of Pump Inake (G.L.-m)	Plain Casing From to (G.L.-m)	Perforated Casing From to (G.L.-m)	Depth of Bottom of Casing (G.L.-m)	
					From (G.L.-m)	To (G.L.-m)	Total Thickness (m)	Main Supply (G.L.-m)	From Stock (G.L.-m)							
271	3041	Nuola-Ufuran	60.00	0.00	0.00	0.00	0.00	12.00	7.00	1.10	38.50	43.00	15.00	15.00	36.00	
272	3079	Nuola-Rural	31.00	0.00	0.00	0.00	0.00	12.00	6.40	0.50	27.50	30.00	15.00	9.00	19.00	
273	3098	Nuola-Rural	45.00	limestone	29.00	30.00	1.00	29.00	15.00	0.75	0.00	27.00	15.2	0.00	9.00	
274	1428	Nuola-Rural	50.00	schist	15.00	50.00	35.00	0.00	7.50	1.30	3.82	48.20	50.00	15.00	35.00	
275	1442	Nuola-Rural	39.00	schist	12.00	38.00	26.00	0.00	12.00	5.50	2.00	8.23	38.00	15.00	12.00	26.25
276	3082	Nuola-Rural	31.55	granite	9.00	15.00	6.00	15.00	9.00	4.00	1.38	5.68	37.00	15.00	6.00	18.00
277	3080	Nuola-Rural	47.00	sand	21.00	30.00	26.00	30.00	21.00	12.00	0.90	0.00	45.70	15.2	0.00	6.00
278	3017-1	Luanchaya	50.00	schist	10.00	50.00	20.00	30.00	15.00	6.00	1.42	3.61	40.00	15.00	0.00	21.00
279	3017-2	Luanchaya	50.00	schist	10.00	50.00	20.00	30.00	15.00	6.00	0.19	0.08	40.00	15.00	0.00	20.00
280	3081-1	Luanchaya	50.00	schist	9.00	50.00	40.00	15.10	9.00	3.90	1.08	40.00	15.00	0.00	9.00	
281	3716	Luanchaya	45.00	limestone	12.00	45.00	33.00	30.00	12.00	10.00	2.00	11.50	36.00	15.00	0.00	27.45
282	3546-7	Luanchaya	50.00	sandstone	30.00	45.00	15.00	30.00	10.00	6.00	2.00	5.76	36.00	15.00	0.00	18.00
283	3546-6	Luanchaya	50.00	sandstone	10.00	45.00	35.00	45.00	10.00	6.00	2.50	11.40	45.00	15.00	0.00	20.00
284	3546-5	Luanchaya	50.00	sandstone	45.00	50.00	5.00	45.00	10.00	6.00	0.57	1.26	45.00	15.00	0.00	20.00
285	3614-1	Luanchaya	60.00	schist	37.00	60.00	23.00	37.00	3.00	1.10	2.16	45.00	20.00	9.50	10.00	30.00
286	3546-4	Luanchaya	50.00	quartzite	12.00	33.00	21.00	33.00	12.00	7.92	2.70	19.30	45.00	15.00	0.00	16.00
287	3546-3	Luanchaya	50.00	quartzite	30.00	40.00	10.00	30.00	12.00	6.00	2.00	5.08	40.00	15.00	0.00	20.00
288	3546-2	Luanchaya	50.00	sandstone	10.00	45.00	35.00	45.00	10.00	6.00	2.00	13.20	45.00	15.00	0.00	25.00
289	3546-1	Luanchaya	20.00	limestone	25.00	33.00	8.00	25.00	10.00	4.00	2.90	15.70	36.00	15.00	0.00	11.00
290	3530-1	Luanchaya	90.00	sandstone	63.00	70.00	7.00	45.00	20.00	10.00	4.00	17.30	35.00	15.00	0.00	20.00
291	3486-1	Luanchaya	60.00	granite	45.00	50.00	5.00	45.00	15.00	6.00	2.50	9.00	45.00	15.00	0.00	20.00
292	1853-6	Luanchaya	60.00	granite	36.00	50.00	14.00	36.00	15.00	6.00	1.10	2.44	45.00	15.00	0.00	20.00
293	3275-4	Luanchaya	45.00	granite	30.00	40.00	10.00	30.00	10.00	4.00	2.30	13.60	43.00	15.00	0.00	20.00
294	3275-6	Luanchaya	50.00	granite	30.00	40.00	10.00	30.00	10.00	2.00	2.30	13.40	40.00	15.00	0.00	20.00
295	3105-6	Luanchaya	15.00	granite	3.00	6.00	3.00	6.00	3.00	2.00	0.00	2.90	30.20	15.00	0.00	11.00
296	2347-5	Luanchaya	60.00	schist	16.00	45.00	9.00	36.00	15.00	6.00	1.60	3.54	55.00	15.00	0.00	20.00
297	3253-1	Luanchaya	60.00	granite	10.00	40.00	30.00	40.00	10.00	5.18	0.60	1.04	53.00	15.00	0.00	20.00
298	2347-4	Luanchaya	70.00	granite	40.00	55.00	15.00	40.00	10.00	1.60	3.07	55.00	15.00	0.00	20.00	
299	3043-1	Luanchaya	65.00	dolomite	50.00	50.00	5.00	50.00	6.00	2.00	0.90	25.00	60.00	15.00	0.00	20.00
300	1446-4	Luanchaya	40.00	schist	25.00	30.00	5.00	23.00	10.00	4.00	2.90	13.40	40.00	15.00	0.00	20.00
301	3009-1	Luanchaya	70.00	schist	11.00	55.00	44.00	55.00	11.00	10.00	2.00	4.00	33.00	15.00	0.00	20.00
302	3008-1	Luanchaya	60.00	granite	25.00	60.00	35.00	25.00	13.00	1.40	3.27	50.00	15.00	0.00	20.00	
303	3098-1	Luanchaya	45.00	granite	10.00	30.00	20.00	30.00	10.00	7.10	76.70	40.00	15.00	0.00	20.00	
304	2979-1	Luanchaya	40.00	schist	15.00	30.00	15.00	30.00	11.30	0.28	1.11	33.90	40.00	15.00	0.00	20.00
305	2864-1	Luanchaya	65.00	dolomite	40.00	53.00	15.00	55.00	40.00	20.00	3.30	28.50	60.00	15.00	0.00	20.00
306	2603	Luanchaya	50.00	schist	30.00	40.00	10.00	30.00	15.00	6.00	0.80	1.41	55.00	15.00	0.00	20.00
307	2602	Luanchaya	80.00	schist	25.00	30.00	20.00	30.00	15.00	5.60	1.05	60.00	15.00	0.00	20.00	
308	2806-2	Luanchaya	80.00	granite	40.00	50.00	10.00	30.00	15.00	5.60	0.66	1.05	60.00	15.00	0.00	20.00
309	2906-1	Luanchaya	60.00	schist	30.00	40.00	10.00	30.00	15.00	6.00	0.80	1.41	55.00	15.00	0.00	20.00
310	2925-1	Luanchaya	45.00	schist	20.00	33.00	13.00	33.00	20.00	6.00	0.68	1.73	40.00	15.00	0.00	20.00
311	2347-3	Luanchaya	45.00	granite	33.00	40.00	20.00	40.00	10.00	0.87	2.51	55.00	15.00	0.00	20.00	
312	2775-1	Luanchaya	30.00	schist	15.00	25.00	10.00	25.00	15.00	6.00	2.88	28.10	50.00	15.00	0.00	20.00
313	2347-1	Luanchaya	45.00	granite	25.00	33.00	8.00	33.00	10.00	4.60	5.00	28.10	52.00	15.00	0.00	20.00
314	2335-1	Luanchaya	55.77	schist	28.50	55.77	27.27	27.27	28.00	11.00	0.33	1.33	51.80	15.00	0.00	20.00
315	1871-2	Luanchaya	60.00	schist	45.00	50.00	5.00	45.00	15.00	10.00	1.80	4.44	55.00	15.00	0.00	20.00
316	2366-1	Luanchaya	60.00	schist	33.00	45.00	12.00	33.00	13.60	6.60	0.57	1.02	55.00	15.00	0.00	20.00
317	2347-2	Luanchaya	45.00	granite	30.00	33.00	3.00	30.00	10.00	5.20	6.25	42.00	55.10	15.00	0.00	20.00
318	2018	Luanchaya	80.00	schist	30.00	55.00	25.00	30.00	20.00	10.00	0.83	1.42	72.00	15.00	0.00	20.00
319	1748	Luanchaya	60.00	schist	20.50	50.00	29.00	50.00	20.00	15.00	0.50	1.08	55.18	15.00	0.00	20.00
320	1844	Luanchaya	58.00	quartzite	23.00	55.00	32.00	23.00	23.55	2.00	5.27	57.00	15.00	0.00	18.00	36.00
321	1762	Luanchaya	63.00	granite	30.00	45.00	15.00	30.40	3.00	1.60	0.52	0.84	50.00	15.00	0.00	18.00
322	130-76	Luanchaya	50.00	quartzite	10.50	34.50	45.00	10.50	6.50	3.00	22.50	65.00	10.50	0.00	12.00	32.50
323	1875	Luanchaya	69.00	sand	12.00	69.00	57.00	12.00	12.69	12.00	3.00	5.00	10.00	12.00	0.00	20.00
324	1835	Luanchaya	70.00	limestone	16.50	53.50	70.00	53.50	16.50	12.50	7.20	8.00	68.00	15.00	0.00	20.00

DB-3-6

DB-3-6

Input No	Borehole No	District	Total Depth (m)	Lithology	Thickness of main Aquifer			Groundwater Depth			Plain Casing			Perforated Casing				
					To (G.L.-m)	From (G.L.-m)	Total Thickness (cm)	Water Supply (G.L.-m)	First Strata (G.L.-m)	Static (G.L.-m)	Yield (l/s)	Specific Capacity (m³/day)	Depth of Pump Intake (G.L.-m)	Diameter (mm)	From (G.L.-m)	To (G.L.-m)		
325	1728	Luanhya	60.00	schist	40.00	30.00	10.00	40.00	23.00	10.23	1.00	1.00	1.00	15.50	15.50	23.00		
326	1679	Luanhya	61.00	schist	20.00	55.00	35.00	45.00	20.00	11.95	0.95	1.91	1.50	0.00	13.61	13.61	23.01	
327	1690	Luanhya	70.00	dolomite	45.00	61.00	16.00	45.00	15.00	6.00	0.28	0.00	15.00	15.00	4.61	4.61	14.61	
328	1633	Luanhya	70.00	schist	12.00	47.00	35.00	27.00	12.00	8.20	0.31	1.42	27.00	15.00	45.00	45.00	55.00	
329	1025-3	Luanhya	64.00	schist	27.00	61.00	34.00	27.00	10.00	3.60	1.17	1.42	75.00	15.00	10.00	10.00	26.50	
330	1005-1	Luanhya	80.00	gneiss	51.00	73.00	22.00	51.00	33.80	4.30	0.20	0.28	67.00	15.00	16.50	16.50	40.25	
331	999-1	Luanhya	76.20	granite	40.00	53.00	18.00	15.00	9.00	7.00	0.36	1.67	36.00	15.00	9.00	9.00	29.50	
332	967-1	Luanhya	75.80	schist	33.00	15.00	30.00	45.00	10.00	8.50	0.56	0.76	72.00	15.00	15.00	15.00	29.50	
333	988-1	Luanhya	70.10	schist	30.50	57.90	27.40	30.50	9.14	4.50	19.00	39.80	67.00	15.00	9.14	9.14	30.48	
334	899-2	Luanhya	70.00	granite	45.00	60.00	15.00	45.00	20.00	15.00	0.45	1.11	50.00	15.00	22.00	22.00	52.00	
335	183-37	Chilabombwe	61.00	sandstone	30.00	50.00	20.00	30.00	15.00	6.00	2.50	9.00	50.00	15.00	15.00	15.00	25.00	
336	3373-3	Chirinda	60.00	gneiss	30.00	45.00	15.00	30.00	12.00	6.00	1.25	2.77	45.00	15.00	15.00	15.00	25.00	
337	3373-2	Chingola	70.00	sandstone	10.00	45.00	35.00	45.00	10.00	6.00	0.37	0.73	30.00	15.00	10.00	10.00	25.00	
338	3702-1	Chingola	30.00	sandstone	15.00	30.00	15.00	30.00	10.00	15.00	1.00	0.00	0.00	15.00	0.00	15.00	15.00	
339	3698-1	Chingola	40.00	limestone	30.00	45.00	15.00	30.00	10.00	12.22	6.25	30.00	50.00	15.00	15.00	15.00	15.00	35.00
340	3698-2	Chingola	60.00	limestone	30.00	55.00	25.00	30.00	15.00	6.00	2.70	50.00	15.00	15.00	15.00	45.00	45.00	
341	3373-1	Chingola	60.00	schist	30.00	50.00	20.00	30.00	10.00	4.00	0.56	1.05	50.00	15.00	10.00	10.00	45.00	
342	3219-1	Chingola	80.00	schist	30.00	55.00	25.00	30.00	10.00	3.00	2.50	5.14	60.00	15.00	10.00	10.00	36.00	
343	3177-1	Chingola	45.00	granite	6.00	33.00	27.00	33.00	6.00	2.00	0.45	1.02	40.00	15.00	6.00	6.00	25.00	
344	2941-1	Chingola	60.50	schist	18.00	24.00	6.00	24.00	18.00	5.00	3.64	5.00	55.00	15.00	0.00	22.00	22.00	
345	2782-1	Chingola	30.00	gravel	20.00	25.00	5.00	25.00	20.00	7.00	0.83	3.41	28.00	15.00	15.00	15.00	30.00	
346	2637-1	Chingola	52.00	quartzite	25.00	33.00	8.00	25.00	6.00	1.00	1.60	285.00	40.00	15.00	15.00	45.20		
347	2681-1	Kalulushi	45.00	schist	12.00	45.00	25.00	19.00	6.00	5.00	2.00	7.51	28.00	15.00	15.00	15.00	30.00	
348	2638-1	Chingola	37.00	dolomite	23.00	30.00	5.00	25.00	6.00	1.00	2.20	8.64	36.00	15.00	6.00	6.00	25.00	
349	2472-1	Chingola	80.00	schist	12.00	46.00	12.00	5.00	12.00	5.10	3.50	11.70	66.00	15.00	2.00	21.00	37.00	
350	2069	Chingola	80.00	dolomite	20.00	72.00	52.00	20.00	22.00	8.50	10.50	181.00	73.00	15.00	21.55	41.55		
351	2044	Chingola	52.00	quartzite	20.00	36.00	16.00	30.00	26.00	3.00	0.91	1.97	43.00	15.00	15.00	15.00	36.00	
352	3251-1	Kalulushi	60.00	limestone	12.00	45.00	33.00	33.00	12.00	7.90	3.10	12.10	55.00	15.00	15.00	15.00	34.00	
353	3132-1	Kalulushi	65.00	schist	23.00	56.00	33.00	56.00	23.00	10.00	1.25	2.40	53.00	15.00	15.00	15.00	33.00	
354	2332-1	Kalulushi	65.00	shale	4.00	30.00	5.00	25.00	6.00	1.00	2.20	8.64	36.00	15.00	6.00	6.00	21.60	
355	2334-1	Kalulushi	61.00	dolomite	15.00	55.00	40.00	50.00	13.00	7.00	5.00	24.00	55.00	15.00	15.00	40.00	40.00	
356	2474-3	Kalulushi	61.00	dolomite	15.00	55.00	40.00	45.00	15.00	4.60	6.00	28.20	55.00	15.00	15.00	50.00	50.00	
357	2474-4	Kalulushi	61.00	dolomite	0.00	0.00	0.00	45.00	10.00	6.00	4.50	27.80	53.00	15.00	15.00	55.00	55.00	
358	2474-5	Kalulushi	61.00	granite	0.00	0.00	0.00	37.00	6.00	2.00	2.50	1.50	50.00	15.00	15.00	15.00	45.00	
359	1640	Kalulushi	65.00	granite	0.00	0.00	0.00	45.00	15.00	5.00	0.20	62.00	15.00	15.00	15.00	50.00		
360	1682	Kalulushi	32.00	quartzite	32.00	37.00	5.50	30.00	27.00	12.00	8.50	1.30	42.50	30.00	15.00	4.50	31.80	
361	3234-2	Kiwe	36.00	granite	15.00	36.00	21.00	30.00	15.00	4.00	3.66	1.10	43.00	15.00	15.00	15.00	30.00	
362	3504-2	Kiwe	60.00	granite	12.00	60.00	48.00	0.00	3.00	6.00	0.47	1.04	45.00	15.00	0.00	0.00	24.00	
363	2353-3	Kiwe	80.00	granite	10.00	80.00	60.00	50.00	10.00	2.00	4.00	75.00	50.00	15.00	15.00	32.00		
364	2332-2	Kiwe	65.00	granite	15.00	65.00	45.00	50.00	15.00	3.60	2.81	58.00	15.00	0.00	0.00	21.00		
365	3565-1	Kiwe	65.00	schist	15.00	45.00	30.00	27.00	12.00	9.00	0.20	0.30	62.00	15.00	15.00	15.00	21.00	
366	3676-1	Kiwe	45.00	schist	18.00	45.00	30.00	27.00	12.00	6.00	1.55	4.25	36.00	15.00	15.00	15.00	31.80	
367	3676-3	Kiwe	47.70	limestone	37.00	47.70	10.70	37.00	11.00	6.50	1.00	2.61	43.00	15.00	15.00	15.00	39.00	
368	3613-1	Kiwe	66.00	sandstone	3.00	66.00	63.00	60.00	30.00	3.00	4.00	346.00	50.00	0.00	0.00	40.00		
369	3558-1	Kiwe	66.00	quartzite	31.00	66.00	37.00	30.00	10.00	2.00	0.31	0.54	55.00	15.00	0.00	0.00	45.00	
370	3565-5	Kiwe	60.00	sandstone	50.00	60.00	10.00	50.00	10.00	10.00	4.20	27.10	15.00	15.00	15.00	10.00		
371	3037	Kiwe	44.15	clay	0.00	24.00	15.00	21.50	9.00	3.10	2.61	57.60	9.50	15.00	15.00	27.00		
372	3044	Kiwe	56.00	meta-volcan	18.00	45.00	27.00	36.00	18.00	6.40	4.40	50.00	15.00	15.00	15.00	37.50		
373	2603	Kiwe-Ubar	69.00	schist	15.00	40.00	25.00	30.00	15.00	6.00	0.80	1.41	55.00	15.00	15.00	15.00	40.00	
374	2714-1	Kiwe-Ubar	50.00	limestone	12.00	42.40	30.40	29.80	3.00	0.00	10.20	36.30	15.00	6.00	6.00	15.20		
375	2736-1	Kiwe-Ubar	65.00	schist	36.60	48.80	12.20	22.20	15.20	0.00	4.80	49.40	36.60	15.00	15.00	15.00	10.00	
376	2752-1	Kiwe-Rum	63.00	schist	27.00	36.00	9.00	45.70	9.10	6.10	5.10	144.00	48.80	15.00	15.00	12.00	12.00	
377	2772-1	Kiwe-Rum	60.00	schist	9.00	45.70	9.10	45.70	9.10	6.00	4.00	45.00	10.20	15.00	15.00	8.20	0.00	
378	2735-1	Kiwe-Ubar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Input No	Borehole No	District	Total Depth (m)	Lithology	Thickness of main Aquifer			Groundwater Depth		Specific Capacity (m³/day)	Depth of Pump Intake (G.L.m)	Plain Casing From to (G.L.m)	Perforated Casing From to (G.L.m)	Depth of Bottom of Casing (G.L.m)			
					From (G.L.m)	To (G.L.m)	Total Thickness (m)	Main Supply (G.L.m)	First Struck (G.L.m)								
375	2781-2	Kabwe-Utbar	60.00	limestone	6.10	59.00	52.90	59.00	6.10	4.50	10.00	663.00	50.00	0.00			
380	2772-2	Kabwe-Rural	56.00	schist	18.00	52.00	34.00	6.00	5.00	10.00	144.00	50.00	1.50	0.00			
381	2627	Kabwe-Rural	67.30	schist	24.00	33.00	9.00	9.00	10.00	4.50	1.10	1.88	150	0.00	16.00		
382	3321-2	#N/A	62.00	limestone	0.00	0.00	0.00	88.50	9.10	3.30	5.90	164.00	52.00	18.30	21.30		
383	1425-3	#N/A	58.80	limestone	30.00	55.00	25.00	30.00	19.80	12.80	0.00	0.00	200	150	0.00	40.00	
384	3321-4	Kabwe-Rural	24.40	schist	41.20	16.80	24.40	7.00	7.00	0.75	1.66	46.00	150	0.00	21.10		
385	3271-3	Kabwe-Rural	37.00	schist	16.30	33.50	6.70	33.50	18.80	8.20	1.70	9.60	32.00	150	0.00	21.30	
386	1425-19	Kabwe-Rural	61.00	schist	40.00	47.00	7.00	40.00	21.30	14.30	37.50	3060.00	42.70	150	0.00	22.30	
387	3271-1	Kabwe-Rural	63.00	schist	3.00	53.00	52.00	53.00	3.00	0.00	0.83	1.48	51.80	150	0.00	45.70	
388	3293-2	Kabwe-Rural	76.20	schist	15.20	45.20	30.00	45.20	15.20	11.30	4.10	0.00	49.00	150	0.00	29.80	
389	3257-1	Kabwe-Utbar	60.00	schist	3.00	54.00	51.00	54.00	3.00	1.50	5.90	340.00	53.00	150	0.00	76.40	
390	1425-4	Kabwe-Rural	61.00	schist	24.40	43.80	24.40	43.80	19.20	11.30	0.00	0.00	250	150	0.00	14.90	
391	3158-1	Kabwe-Utbar	80.00	schist	27.40	61.00	32.60	27.40	12.20	6.10	2.00	2.93	65.00	150	0.00	26.80	
392	3271-2	Kabwe-Rural	50.00	schist	18.30	36.60	18.30	36.60	18.30	9.40	0.75	1.99	42.00	150	0.00	42.10	
393	1425-26	Kabwe-Rural	56.40	limestone	18.40	33.30	15.00	33.30	18.40	9.80	20.40	153.00	32.00	150	0.00	16.70	
394	3474-2	Kabwe-Rural	25.00	schist	12.40	27.40	14.60	0.00	0.00	11.30	0.00	1.36	0.00	150	0.00	15.00	0.00
395	3412-1	Kabwe-Utbar	70.00	schist	24.20	45.00	20.30	27.70	12.10	6.40	2.00	4.76	48.80	150	0.00	24.40	
396	1799-4	Kabwe-Rural	50.00	limestone	14.50	50.00	15.40	14.50	14.50	4.50	4.50	51.80	45.00	150	0.00	14.40	
397	1799-1	Kabwe-Rural	60.00	limestone	8.00	22.00	17.50	17.50	8.00	4.50	13.00	83.20	53.00	150	0.00	12.70	
398	1811	Kabwe-Rural	45.00	schist	22.00	32.00	10.00	22.00	6.50	0.00	0.48	0.00	150	0.00	19.35	25.35	
399	1810	Kabwe-Rural	60.00	schist	19.00	50.00	31.00	50.00	19.00	6.20	1.80	8.14	55.00	150	0.00	24.50	
400	1809-2	Kabwe-Utbar	65.00	quartzite	21.00	31.00	10.00	31.00	21.00	6.00	3.60	21.50	40.00	150	0.00	15.00	
401	1809-1	Kabwe-Utbar	70.00	schist	41.00	66.00	25.00	41.00	21.00	6.60	1.66	8.08	41.00	150	0.00	20.50	
402	1425-1	Kabwe-Rural	36.60	schist	15.30	51.50	21.30	51.50	15.80	15.80	2.30	0.00	33.50	150	0.00	23.60	
403	3575-1	Kabwe-Rural	50.00	schist	9.10	30.50	21.40	30.50	9.10	5.80	1.45	4.07	36.60	150	0.00	15.20	
404	3271-4	Kabwe-Rural	48.80	schist	14.10	30.50	16.40	30.50	14.10	11.60	2.25	6.66	40.80	150	0.00	21.30	
405	3551-1	Kabwe-Rural	36.60	schist	12.20	21.30	9.10	21.30	12.20	12.20	2.50	14.20	27.40	150	0.00	18.30	
406	3583-1	Kabwe-Rural	70.00	schist	20.40	40.00	19.60	40.00	20.40	11.20	0.63	1.39	50.00	150	0.00	12.20	
407	2657-2	Kabwe-Rural	50.00	schist	7.60	22.00	14.40	22.00	14.40	4.00	5.60	0.00	42.70	150	0.00	27.40	
408	3271	Kabwe-Rural	45.70	schist	10.70	45.70	35.00	0.00	10.70	4.60	1.55	4.13	37.00	150	0.00	9.20	
409	3673-2	Kabwe-Rural	90.00	schist	12.20	42.70	30.50	42.70	12.20	7.30	1.42	0.00	150	0.00	6.10	21.30	
410	3673-4	Kabwe-Rural	60.00	schist	15.20	60.00	44.80	0.00	15.20	9.80	0.31	0.75	45.70	150	0.00	9.10	
411	3673-5	Kabwe-Rural	70.00	schist	9.10	21.30	12.20	21.30	9.10	48.00	0.75	81.00	48.00	150	0.00	15.20	
412	3673-4	Kabwe-Rural	75.00	schist	33.00	55.00	22.00	33.00	7.50	6.70	1.50	1.14	48.00	150	0.00	39.00	
413	3673-7	Kabwe-Rural	65.00	schist	12.10	18.50	6.40	12.10	9.10	6.10	3.30	6.80	48.00	150	0.00	6.70	
414	3704-2	Kabwe-Rural	36.00	limestone	13.30	40.00	7.60	36.00	13.30	6.00	5.25	10.00	376.00	40.00	150	0.00	
415	3271-6	Kabwe-Rural	55.00	quartzite	6.00	42.00	36.00	42.00	6.00	10.00	5.20	0.00	45.70	150	0.00	36.60	
416	3543-2	Kabwe-Utbar	70.00	schist	36.00	45.00	9.00	36.00	9.10	6.00	3.50	7.07	48.80	150	0.00	30.50	
417	3673-8	Kabwe-Rural	65.00	schist	15.00	21.20	6.20	15.00	10.00	6.00	1.00	2.37	42.50	150	0.00	26.60	
418	3673-9	Kabwe-Utbar	75.00	schist	33.00	55.00	22.00	33.00	7.50	6.70	1.50	1.14	48.00	150	0.00	29.00	
419	3673-3	Kabwe-Utbar	50.00	schist	12.10	18.50	6.40	12.10	9.10	6.10	3.30	6.80	48.00	150	0.00	6.70	
420	3673-1	Kabwe-Rural	60.00	schist	30.40	45.00	15.00	45.00	13.30	6.00	5.25	8.77	42.00	150	0.00	24.50	
421	3680-1	Kabwe-Utbar	70.00	schist	30.40	58.20	14.90	58.20	30.40	18.00	0.25	0.00	55.00	150	0.00	31.10	
422	3629-1	Kabwe-Rural	28.00	schist	4.90	20.00	15.40	20.00	4.90	2.60	1.80	7.27	24.00	150	0.00	27.50	
423	3621-1	Kabwe-Utbar	50.00	schist	6.00	31.00	23.00	31.00	6.00	5.20	1.05	2.42	42.70	150	0.00	22.30	
424	3627-1	Kabwe-Utbar	50.00	schist	7.60	24.00	17.00	24.00	7.60	4.30	2.00	4.50	42.70	150	0.00	19.40	
425	1877	Kabwe-Utbar	45.00	limestone	12.20	25.00	13.00	25.00	12.20	4.00	0.00	14.00	36.60	150	0.00	21.00	
426	2018	Kabwe-Utbar	40.00	schist	42.00	2.00	40.00	42.00	15.00	8.20	0.80	3.40	78.00	150	0.00	32.50	
427	2016	Kabwe-Utbar	36.60	limestone	31.00	86.00	53.00	86.00	31.00	30.40	0.00	0.23	84.00	150	0.00	25.00	
428	2013	Kabwe-Utbar	47.00	limestone	47.00	48.00	1.00	47.00	20.00	2.60	1.80	7.27	24.00	150	0.00	27.00	
429	1999	Kabwe-Utbar	50.00	limestone	19.00	32.00	13.00	32.00	19.00	0.00	0.50	1.08	74.00	150	0.00	31.10	
430	2012	Kabwe-Utbar	54.00	limestone	41.00	43.00	43.00	43.00	41.00	10.00	0.45	0.86	82.00	150	0.00	38.56	
431	2013	Kabwe-Utbar	76.00	limestone	15.00	76.00	61.00	76.00	15.00	5.00	0.15	0.41	74.00	150	0.00	50.05	
432	2009	Kabwe-Utbar	42.00	limestone	22.00	24.00	2.00	24.00	22.00	17.00	0.50	6.17	39.00	150	0.00	12.00	
																23.00	

DB-3-8

Input No.	Borehole No.	District	Total Depth (m)	Lithology	Thickness of main Aquifer			Groundwater Depth (G.L.-m)	First Stance (G.L.-m)	Static Supply (G.L.-m)	Main Supply (G.L.-m)	Yield (l/s)	Specific Capacity (m/day)	Depth of Pump Intake (G.L.-m)	Plain Casing (G.L.-m)	From (G.L.-m)	To (G.L.-m)	Portforated Casing (G.L.-m)	From (G.L.-m)	To (G.L.-m)	Portforated Casing (G.L.-m)	Depth of Bottom of Casing (G.L.-m)	Depth (m)				
					From (G.L.-m)	To (G.L.-m)	Total Thickness (m)																				
433	2011	Kabwe-Urbn	50.00	limestone	9.00	39.00	48.00	9.00	6.00	0.80	4.07	1.50	0.00	13.00	1.50	0.00	16.00	1.10	0.46	48.00	1.50	0.00	16.00	21.00			
434	2003-0	Kabwe-Urbn	50.00	limestone	20.00	30.00	40.00	41.00	1.00	20.00	15.30	0.12	4.30	1.10	7.73	4.30	5.30	48.00	1.50	0.00	40.00	1.50	0.00	6.00	46.00		
435	2004-0	Kabwe-Urbn	48.00	limestone	20.00	33.00	53.00	33.00	4.00	20.00	4.10	0.40	3.30	4.00	48.00	4.00	5.00	45.00	1.50	0.00	24.00	1.50	0.00	24.00	44.57		
436	35796	Kabwe-Urbn	50.00	limestone	22.23	30.00	52.23	7.77	8.00	30.00	22.23	20.00	0.40	8.28	45.00	5.00	0.00	21.00	12.00	12.00	53.00	12.00	12.00	33.00	33.00		
437	2005-11	Kabwe-Rural	48.00	limestone	53.00	54.00	55.00	53.00	1.00	53.00	20.00	16.00	0.40	2.47	68.00	1.50	0.00	19.00	12.00	12.00	51.00	12.00	12.00	31.00	31.00		
438	2006-12	Kabwe-Urbn	48.00	limestone	21.00	24.00	3.00	24.00	21.00	11.00	1.50	13.00	44.00	1.50	0.00	21.00	6.00	25.00	1.50	0.00	27.00	1.50	0.00	27.00	27.00		
439	2007-11	Kabwe-Rural	60.00	limestone	23.00	28.00	52.00	28.00	2.00	52.00	21.70	0.20	1.76	30.00	1.50	0.00	25.00	5.00	30.00	1.50	0.00	30.00	1.50	0.00	30.00	30.00	
440	2008-10	Kabwe-Rural	30.00	limestone	21.00	6.00	27.00	6.00	2.00	27.00	13.50	0.50	3.46	27.00	1.50	0.00	9.00	6.00	15.00	1.50	0.00	15.00	1.50	0.00	15.00	15.00	
441	1922-0	#N/A	55.00	quartzite	36.00	42.00	6.00	36.00	30.00	21.10	1.20	5.96	51.00	1.50	0.00	21.00	9.00	10.00	1.50	0.00	10.00	1.50	0.00	10.00	10.00		
442	KB06	Kabwe-Rural	25.00	schist	9.00	17.00	8.00	17.00	9.00	9.60	1.00	11.40	24.00	1.50	0.00	12.00	6.00	6.20	1.50	0.00	12.00	1.50	0.00	12.00	12.00		
443	KB05	Kabwe-Rural	37.00	schist	18.00	20.00	2.00	18.00	18.24	7.60	1.50	10.50	33.00	1.50	0.00	12.00	12.00	24.00	1.50	0.00	24.00	1.50	0.00	24.00	24.00		
444	KB04	Kabwe-Urbn	37.30	granite	18.00	30.00	12.00	18.00	18.00	13.50	0.25	1.55	36.00	1.50	0.00	18.00	12.00	30.00	1.50	0.00	30.00	1.50	0.00	30.00	30.00		
445	KB03	Kabwe-Rural	62.00	limestone	35.00	62.00	27.00	62.00	27.00	10.00	2.20	13.60	45.00	2.00	0.00	32.00	10.00	42.00	1.50	0.00	32.00	1.50	0.00	32.00	32.00		
446	2086-0	Kabwe-Urbn	21.30	schist	39.50	9.20	30.30	21.30	12.20	2.60	21.30	21.30	1.20	38.00	1.50	0.00	24.40	21.20	45.70	1.50	0.00	45.70	1.50	0.00	45.70	45.70	
447	1913-1	Kabwe-Rural	50.00	schist	22.00	60.00	38.00	60.00	22.00	2.30	6.00	57.00	1.50	0.00	20.00	16.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
448	2087-0	Kabwe-Urbn	50.00	schist	30.00	45.00	15.00	30.00	10.00	6.00	10.00	40.00	1.50	0.00	12.00	12.00	26.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
449	3888-1	Kabwe-Rural	50.00	schist	22.00	60.00	38.00	60.00	22.00	2.30	6.00	57.00	1.50	0.00	20.00	16.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
450	2087	Kabwe-Urbn	18.30	limestone	7.60	15.00	7.40	5.60	7.60	3.00	14.00	2.50	0.00	42.00	1.50	0.00	17.00	1.50	0.00	17.00	1.50	0.00	17.00	17.00			
451	K301	Kabwe-Rural	30.00	schist	30.00	36.00	6.00	30.00	30.00	18.00	13.77	0.70	0.00	36.00	1.50	0.00	28.20	11.40	39.60	1.50	0.00	39.60	1.50	0.00	39.60	39.60	
452	KB02	Kabwe-Rural	70.00	quartzite	39.00	55.00	16.00	39.00	10.00	7.30	4.00	38.00	1.50	0.00	53.00	1.50	0.00	6.00	30.57	36.57	1.50	0.00	36.57	1.50	0.00	36.57	36.57
453	743-12	Kabwe-Rural	10.28	quartzite	12.50	6.50	12.00	12.50	6.00	3.00	0.95	6.84	15.00	1.50	0.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	
454	4770-5	Kabwe-Rural	19.80	limestone	17.00	18.00	1.00	18.00	18.00	12.00	0.60	0.00	1.25	4.00	1.50	0.00	0.00	0.00	2.68	1.50	0.00	15.00	15.00	0.00	15.00	15.00	
455	4770-4	Kabwe-Rural	36.60	schist	18.00	33.00	15.00	33.00	8.00	6.10	4.00	12.80	1.50	0.00	33.00	1.50	0.00	9.00	9.00	9.00	1.50	0.00	15.00	15.00	0.00	15.00	15.00
456	910-1	Kabwe-Rural	78.20	limestone	7.60	15.00	0.00	15.00	15.00	4.50	0.00	4.50	1.50	0.00	6.30	1.50	0.00	5.57	5.57	5.57	1.50	0.00	11.60	11.60	0.00	11.60	11.60
457	4770-1	Kabwe-Rural	61.87	schist	45.00	58.00	13.00	45.00	13.00	45.58	10.00	6.30	3.30	1.50	0.00	38.00	1.50	0.00	15.00	1.50	0.00	15.00	1.50	0.00	15.00	15.00	
458	KB01	Kabwe-Rural	10.28	quartzite	6.00	12.50	6.50	12.50	6.00	3.00	0.95	6.84	15.00	1.50	0.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	
459	886-6	Kabwe-Rural	19.80	limestone	10.00	38.00	24.00	38.00	24.00	10.00	4.00	2.40	5.60	2.02	1.50	0.00	30.00	10.00	21.30	10.00	0.00	22.55	10.00	0.00	22.55	22.55	
460	743-8	Kabwe-Rural	39.62	schist	22.00	47.00	17.00	47.00	17.00	10.00	4.50	0.83	2.02	4.00	1.50	0.00	12.00	12.00	21.30	10.00	0.00	20.45	10.00	0.00	20.45	20.45	
461	950-1	Kabwe-Rural	79.20	schist	0.00	45.00	27.00	45.00	18.00	9.40	5.00	0.00	4.50	1.50	0.00	27.00	1.50	0.00	16.00	1.50	0.00	16.00	1.50	0.00	16.00	16.00	
462	7473	Kabwe-Rural	61.00	argillite	18.00	36.00	9.00	36.00	9.00	21.00	0.00	44.00	7.00	1.50	17.50	1.50	0.00	24.00	1.50	0.00	24.00	1.50	0.00	24.00	24.00		
463	4770-3	Kabwe-Rural	14.40	limestone	5.00	10.00	5.00	10.00	5.00	10.00	3.00	4.50	3.00	4.50	38.00	1.50	0.00	2.68	1.50	0.00	2.68	1.50	0.00	2.68	2.68		
464	2432-5	Kabwe-Rural	42.60	limestone	12.00	16.00	4.00	16.00	10.00	4.00	12.00	30.00	1.50	0.00	30.00	1.50	0.00	9.40	9.40	0.00	9.40	9.40	0.00	9.40	9.40		
465	907-1	Kabwe-Rural	50.00	granite	10.00	37.00	27.00	37.00	10.00	10.00	7.00	0.87	1.98	1.98	1.98	1.50	0.00	7.00	7.00	0.00	7.00	7.00	0.00	7.00	7.00		
466	743-8	Kabwe-Rural	42.60	limestone	10.50	42.60	32.10	42.60	10.50	10.50	4.00	0.08	1.19	40.00	1.50	0.00	2.25	1.50	0.00	2.25	1.50	0.00	2.25	2.25			
467	23894	Kabwe-Rural	38.10	granite	30.00	33.00	3.00	33.00	30.00	10.00	0.47	1.81	30.00	1.50	0.00	31.00	1.50	0.00	7.00	7.00	0.00	7.00	7.00				
468	1940	Kabwe-Rural	61.00	limestone	12.00	42.00	30.00	42.00	12.00	4.00	3.00	4.50	2.00	1.50	1.50	1.50	1.50	0.00	10.00	10.00	0.00	10.00	10.00	0.00	10.00	10.00	
469	2432-4	Kabwe-Rural	48.50	limestone	18.00	36.00	24.00	36.00	18.00	10.00	2.00	24.70	1.50	0.00	24.70	1.50	0.00	12.00	12.00	24.00	1.50	0.00	24.00	24.00			
470	2428-2	Kabwe-Rural	65.00	quartzite	15.00	18.00	3.00	18.00	15.00	10.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
471	2428-1	Kabwe-Rural	36.90	limestone	18.00	21.00	3.00	21.00	18.00	10.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
472	23894	Kabwe-Rural	61.00	schist	9.00	16.00																					

Input No	Borehole No	District	Total Depth (m)	Lithology	Thicknesses of main Aquifer			Groundwater Depth			Specific Capacity (m3/day)	Depth of Pump Inake (G.L.+m)	Perforated Casing From (G.L.-m) to (G.L.-m)	Plain Casing From (G.L.-m) to (G.L.-m)	Depth of Bottom of Casing (G.L.-m)		
					From (G.L.+m)	To (G.L.+m)	Total Thickness (cm)	Main Supply (G.L.+m)	First Struck (G.L.+m)	Static (G.L.-m)							
487	2404-3	Kabwe-Rural	33.20	limestone	9.70	21.20	30.00	24.00	12.00	5.60	131.00	55.00	150	12.40	12.30		
488	2404-3	Kabwe-Rural	61.00	limestone	24.00	27.00	30.00	0.00	15.00	4.00	53.60	57.91	150	0.00	16.15		
489	2404-4	Kabwe-Rural	60.40	0.00	33.00	24.00	33.00	9.00	42.00	5.00	53.60	46.00	150	4.50	30.00		
490	2505-6	Kabwe-Rural	48.50	granite	9.00	42.00	51.00	9.00	42.00	5.00	1.84	51.00	1.00	150	1.50		
491	1502-4	Kabwe-Rural	64.60	schist	42.00	51.00	93.00	40.00	33.00	1.42	4.87	45.00	1.00	150	20.00		
492	1502-5	Kabwe-Rural	48.80	schist	33.00	40.00	73.00	13.00	40.00	33.00	4.37	45.00	1.00	150	20.00		
493	1735-24	Kabwe-Rural	60.50	limestone	3.00	52.00	52.00	3.00	2.10	0.08	0.15	48.00	1.00	150	0.00		
494	2404-5	Kabwe-Rural	61.00	limestone	12.10	51.50	39.40	38.20	11.00	6.00	4.00	54.40	1.00	150	4.00		
495	2404-9	Kabwe-Rural	26.20	limestone	10.00	21.00	21.00	10.00	6.00	5.00	173.00	15.00	150	0.00	43.00		
496	2571	Kabwe-Rural	68.90	granite	12.00	18.20	18.20	12.00	8.80	2.60	6.04	50.00	1.00	150	18.20		
497	2709-5	Kabwe-Rural	58.00	limestone	40.00	51.80	11.80	40.00	16.50	6.30	25.00	135.00	150	0.00	18.30		
498	2709-4	Kabwe-Rural	60.00	limestone	13.50	48.80	15.00	33.50	11.30	6.40	8.30	73.20	48.00	150	0.00	27.40	
499	2709-3	Kabwe-Rural	60.00	schist	9.10	45.00	35.90	28.20	12.00	9.10	4.60	2.00	3.89	150	0.00	31.40	
500	2404-10	Kabwe-Rural	40.00	limestone	2.40	38.20	35.80	38.20	2.40	1.60	8.30	126.00	36.60	150	0.00	10.60	
501	2375-7	Kabwe-Rural	75.00	granite	27.30	36.50	9.00	27.50	21.00	3.60	2.00	3.81	49.00	150	0.00	21.30	
502	1340-13	Kabwe-Rural	80.00	schist	18.30	33.50	15.20	18.30	5.20	2.60	0.37	0.61	55.80	150	0.00	11.90	
503	2660-11	Kabwe-Rural	93.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95	85.00	150	0.00	51.80		
504	2260-7	Kabwe-Rural	91.50	schist	22.00	55.00	28.00	27.00	21.00	1.00	2.42	73.00	150	0.00	36.00		
505	2238-7	Kabwe-Rural	47.70	limestone	27.00	37.00	10.00	27.00	21.30	15.20	7.10	383.00	42.00	150	0.00	29.60	
506	2660-8	Kabwe-Rural	75.00	granite	21.00	48.00	27.00	21.00	18.30	12.20	0.33	0.60	60.00	150	0.00	6.40	
507	2749	Kabwe-Rural	75.00	granite	27.30	36.50	9.00	27.50	23.00	3.60	2.00	3.81	49.00	150	0.00	14.30	
508	1602-9	Kabwe-Rural	55.00	limestone	30.00	48.00	18.00	30.00	21.00	12.20	4.30	47.60	150	0.00	27.40		
509	2404-12	Kabwe-Rural	21.30	dolomite	9.10	15.20	6.10	9.10	2.60	1.60	3.70	228.00	18.30	150	0.00	36.60	
510	2375-8	Kabwe-Rural	75.00	schist	30.00	52.00	22.00	30.00	24.40	5.80	2.25	4.52	70.00	150	0.00	48.80	
511	3030-8	Kabwe-Rural	52.00	limestone	27.40	51.80	24.40	27.00	15.20	7.60	0.00	0.00	19.50	150	0.00	46.30	
512	3020-4	Kabwe-Rural	75.00	limestone	18.30	64.00	45.20	64.00	18.30	15.80	3.70	10.70	45.70	150	0.00	20.10	
513	1279-5	Kabwe-Rural	42.70	limestone	7.60	30.50	22.90	30.50	7.60	4.30	2.80	6.78	40.00	150	0.00	30.50	
514	1279-6	Kabwe-Rural	73.00	schist	47.70	64.00	18.30	45.70	33.50	0.72	2.89	55.00	150	0.00	26.20		
515	3134-1	Kabwe-Rural	45.70	schist	40.70	72.00	32.00	40.70	33.50	13.40	0.16	0.47	42.70	150	0.00	17.70	
516	3135-8	Kabwe-Rural	72.00	limestone	27.40	45.70	24.40	45.70	18.30	55.50	0.56	3.58	69.00	150	0.00	48.80	
517	2100-7	Kabwe-Rural	45.20	limestone	15.20	45.20	30.00	0.00	15.20	10.00	0.91	2.40	42.70	150	0.00	19.50	
518	2100-6	Kabwe-Rural	87.40	limestone	14.30	21.30	7.00	21.20	14.30	8.20	1.80	4.15	45.70	150	0.00	49.10	
519	2100-5	Kabwe-Rural	60.00	limestone	14.00	21.30	7.30	21.30	14.00	6.40	6.25	43.20	150	0.00	28.00		
520	1502-9	Kabwe-Rural	55.00	schist	33.50	48.80	15.30	33.50	21.30	9.80	0.68	1.40	51.80	150	0.00	33.00	
521	2787	Kabwe-Rural	70.00	limestone	41.00	57.00	16.00	41.00	12.20	0.60	0.40	42.70	150	0.00	30.50		
522	3020-17	Kabwe-Rural	55.00	limestone	12.20	42.70	30.50	12.20	7.60	4.90	0.00	0.00	13.40	150	0.00	24.70	
523	3020-12	Kabwe-Rural	61.00	limestone	18.30	38.00	19.70	18.30	15.20	11.00	0.00	0.00	13.40	150	0.00	0.00	
524	3020-15	Kabwe-Rural	60.00	limestone	33.50	42.70	17.40	33.50	27.40	17.40	0.00	0.00	144.00	150	0.00	28.00	
525	3020-16	Kabwe-Rural	30.50	limestone	9.10	12.20	3.10	12.20	9.10	0.00	0.00	0.00	150	0.00	13.40	15.20	
526	3020-2	Kabwe-Rural	20.40	limestone	12.20	3.00	12.20	3.00	2.10	3.60	2.20	23.70	15.20	150	0.00	29.60	
527	3020-2	Kabwe-Rural	31.40	limestone	15.20	24.40	9.20	24.40	15.20	7.60	0.73	3.27	42.70	150	0.00	24.40	
528	2100-9	Kabwe-Rural	60.00	limestone	18.20	42.70	24.50	18.20	6.40	3.60	37.50	25.00	200	0.00	42.70	26.20	
529	3208-1	Kabwe-Rural	60.00	limestone	18.20	32.00	16.30	24.40	12.20	6.10	0.50	144.00	21.20	150	0.00	51.80	
530	2100-8	Kabwe-Rural	60.00	limestone	18.20	42.70	24.50	18.20	9.10	3.40	42.00	226.00	200	0.00	13.40	17.00	
531	1279-3	Kabwe-Rural	45.70	schist	10.70	42.70	32.00	10.70	7.90	2.10	2.20	5.46	150	0.00	13.40	20.70	
532	3278-1	Kabwe-Rural	53.00	limestone	18.30	42.70	24.40	18.30	11.00	6.70	5.00	366.00	52.00	150	0.00	54.00	
533	3208-3	Kabwe-Rural	61.10	limestone	43.90	50.00	41.90	6.10	5.80	4.30	6.60	190.00	42.70	150	0.00	15.20	
534	1279-4	Kabwe-Rural	50.80	limestone	13.20	33.50	18.30	33.50	15.20	12.20	2.90	0.00	43.00	150	0.00	19.20	
535	3208-4	Kabwe-Rural	50.00	limestone	15.20	32.00	16.30	15.20	9.10	7.90	5.90	425.00	36.60	150	0.00	12.20	
536	31328-1	Kabwe-Rural	50.00	limestone	21.30	36.60	15.20	21.30	14.90	0.41	0.79	60.00	150	0.00	15.20	43.30	
537	3208-4	Kabwe-Rural	50.00	limestone	15.20	32.00	16.30	15.20	13.20	1.14	3.00	425.00	36.60	150	0.00	10.70	
538	3264-6	Kabwe-Rural	53.30	schist	21.30	42.70	21.40	21.30	14.20	8.20	4.30	6.25	1350.00	48.80	150	0.00	25.00
539	3264-3	Kabwe-Rural	61.00	limestone	12.50	48.50	12.50	0.00	19.80	13.70	0.16	0.00	13.70	19.80	150	0.00	43.30
540	2505-7	Kabwe-Rural	53.00	gneiss	19.30	33.20	53.00	33.20	0.00	19.80	0.38	30.00	150	0.00	18.90	43.30	



Index No	Borehole No	District	Total Depth (m)	Lithology	Thickness of main Aquifer (G.L.-m)			Groundwater Depth (G.L.-m)			Specific Capacity (m³/day)			Perforated Casing From to (G.L.-m)			Depth of Bottom of Casing (G.L.-m)	
					From (G.L.-m)	To (G.L.-m)	Total Thickness (m)	Main Supply (G.L.-m)	First Struck (G.L.-m)	Static (G.L.-m)	Yield (l/s)	Depth of Pump Intake (G.L.-m)	Diameter (mm)	From (G.L.-m)	To (G.L.-m)	(G.L.-m)		
SAT 21086	Kabwe-Rural		32.00	schist	12.10	24.20	22.10	0.00	12.10	9.10	0.27	3.60	30.00	150	0.00	9.10	18.10	
562 3203-2	Kabwe-Rural		51.90	schist	9.10	30.50	21.40	30.50	9.10	3.30	2.15	40.00	150	0.00	6.10	12.20	18.30	
563 302034	Kabwe-Rural		54.80	limestone	12.20	54.40	42.60	30.30	12.20	3.50	5.20	216.00	30.30	150	0.00	2.10	2.10	
564 302028	Kabwe-Rural		45.70	limestone	12.20	27.40	15.20	12.20	9.10	4.80	4.70	59.70	33.50	150	0.00	6.10	21.60	
565 302027	Kabwe-Rural		61.00	limestone	15.00	45.00	30.00	15.00	6.00	6.40	4.50	0.00	5.50	21.50	150	0.00	27.70	29.00
565 302026	Kabwe-Rural		61.00	limestone	21.30	55.00	33.70	21.30	9.10	3.70	107.00	48.80	150	0.00	7.00	11.00	18.90	
566 302025	Kabwe-Rural		61.00	schist	24.40	30.30	6.10	24.40	18.30	15.50	2.40	40.70	150	0.00	15.20	2.00	50.00	
567 302023	Kabwe-Rural		45.70	limestone	27.40	36.50	9.20	27.40	11.60	4.60	3.50	504.00	33.50	150	0.00	30.50	36.60	
568 150210	Kabwe-Rural		50.00	limestone	30.50	36.50	6.10	30.50	18.30	13.70	22.50	319.00	31.70	150	0.00	6.10	12.20	
569 210012	Kabwe-Rural		59.00	limestone	15.20	45.70	30.50	15.20	7.30	1.50	4.10	20.70	45.70	150	0.00	3.00	16.20	19.20
570 326412	Kabwe-Rural		61.00	limestone	15.20	45.70	30.50	15.20	8.50	6.40	25.00	1800.00	31.70	150	0.00	1.20	20.10	21.30
571 326438	Kabwe-Rural		55.10	limestone	50.70	53.30	17.40	50.70	7.90	1.10	25.00	5400.00	31.50	150	0.00	3.00	17.10	20.10
572 326414	Kabwe-Rural		40.00	limestone	15.20	40.00	24.80	15.20	6.70	4.50	18.80	30.50	150	0.00	12.20	24.40	24.40	
573 302040	Kabwe-Rural		50.00	limestone	18.00	45.00	27.00	18.00	10.10	1.00	5.00	425.00	45.00	150	0.00	3.00	15.10	18.30
574 326413	Kabwe-Rural		32.60	limestone	15.20	32.60	17.40	0.00	15.20	7.30	1.40	27.40	150	0.00	7.10	15.20	22.20	
575 302041	Kabwe-Rural		61.00	limestone	6.70	24.40	17.70	24.40	6.70	3.00	1.80	5.10	48.80	150	0.00	5.80	21.10	27.10
576 150211	Kabwe-Rural		58.00	limestone	29.30	53.40	24.10	29.30	16.80	10.00	4.00	346.00	48.80	150	0.00	6.10	11.30	17.40
577 326449	Kabwe-Rural		61.00	limestone	27.40	45.70	18.30	27.40	11.00	7.00	5.60	239.00	40.00	150	0.00	10.40	21.30	31.70
578 302045	Kabwe-Rural		50.00	limestone	12.20	50.00	37.80	12.20	6.40	3.00	12.20	42.70	150	0.00	1.40	14.00	14.00	
579 32088-8	Kabwe-Rural		45.70	limestone	15.20	45.70	30.50	27.40	15.20	6.70	5.60	186.00	40.00	150	0.00	0.60	0.60	0.60
580 302047	Kabwe-Rural		65.00	limestone	9.10	36.30	27.20	36.30	9.10	5.30	6.60	48.80	150	0.00	6.40	42.40	48.80	
581 2590-5	Kabwe-Rural		30.00	limestone	36.00	48.50	12.50	33.00	33.00	25.00	0.50	48.00	150	0.00	30.50	18.00	48.50	
582 3154	Kabwe-Rural		61.00	schist	18.20	24.00	5.80	18.20	5.20	17.60	0.36	53.00	40.00	150	0.00	7.30	36.20	36.20
583 3274/12	Kabwe-Rural		60.00	limestone	12.70	27.40	14.70	12.70	6.10	24.40	9.10	7.50	42.70	150	0.00	13.40	18.30	31.70
584 3590-4	Kabwe-Rural		45.70	limestone	21.10	42.70	21.40	21.30	12.20	7.90	5.60	161.00	40.00	150	0.00	11.00	14.30	25.30
585 302046	Kabwe-Rural		55.00	limestone	33.00	53.10	20.10	33.00	18.30	8.30	3.30	18.20	45.70	150	0.00	9.10	13.30	18.30
586 326449	Kabwe-Rural		61.00	limestone	36.60	51.80	15.20	36.60	16.80	9.10	22.50	452.00	33.00	150	0.00	15.60	24.40	40.00
587 326420	Kabwe-Rural		61.00	limestone	15.00	36.60	21.60	15.00	5.50	1.50	28.00	2690.00	33.50	150	0.00	3.00	7.00	10.00
588 326416	Kabwe-Rural		60.00	limestone	12.70	27.40	14.70	12.70	6.10	24.40	6.25	2700.00	42.70	150	0.00	12.00	22.00	22.00
589 326417	Kabwe-Rural		60.00	limestone	29.00	45.70	16.70	29.00	18.30	9.40	6.70	48.00	150	0.00	12.00	18.30	21.60	
590 326410	Kabwe-Rural		45.70	limestone	18.30	40.00	21.70	18.30	12.20	5.20	0.00	36.60	150	0.00	0.30	18.30	21.60	
591 302043	Kabwe-Rural		50.00	limestone	16.50	50.00	33.40	0.00	16.60	5.10	6.50	42.50	150	0.00	3.00	6.00	9.00	9.00
592 320415	Kabwe-Rural		50.00	limestone	12.20	27.40	15.20	12.20	6.10	6.70	0.00	4.80	150	0.00	4.80	8.20	8.20	
593 3669-5	Kabwe-Rural		45.00	limestone	9.00	45.00	36.00	25.70	9.00	5.40	3.00	21.40	150	0.00	7.30	0.00	7.30	9.00
594 3689-4	Kabwe-Rural		50.00	limestone	18.30	24.00	5.20	0.00	18.30	4.80	3.00	165.00	40.00	150	0.00	6.10	9.00	15.10
595 320814	Kabwe-Rural		50.00	schist	10.00	50.00	40.00	10.00	6.30	2.86	42.50	150	0.00	1.00	27.00	29.00	29.00	
596 3651-1	Kabwe-Rural		61.30	schist	40.00	51.00	11.00	40.00	12.00	7.60	1.55	3.00	51.00	150	0.00	2.10	21.60	21.60
597 320443	Kabwe-Rural		50.00	limestone	6.60	44.00	18.00	6.60	5.00	4.50	12.30	36.00	150	0.00	3.10	3.60	6.10	
598 3711-1	Kabwe-Rural		32.00	40.00	8.00	32.00	11.30	4.60	1.42	3.04	45.00	150	0.00	3.00	9.00	12.20	12.20	
599 3677-4	Kabwe-Rural		45.00	limestone	9.00	45.00	36.00	25.70	9.00	5.40	3.00	27.00	150	0.00	3.00	6.00	9.00	9.00
599 3677-3	Kabwe-Rural		50.00	limestone	18.10	40.00	21.90	18.10	4.80	3.00	165.00	40.00	150	0.00	1.50	18.00	27.30	
599 3677-1	Kabwe-Rural		45.70	limestone	21.40	33.50	12.20	21.40	3.00	1.30	25.00	117.00	40.00	200	0.00	1.00	18.30	21.30
599 3677-2	Kabwe-Rural		51.30	limestone	18.10	41.30	23.10	18.00	6.10	1.50	1.00	42.26	40.00	150	0.00	1.00	21.30	24.40
599 3677-3	Kabwe-Rural		51.80	limestone	30.00	45.70	21.10	24.40	8.20	5.10	5.70	45.70	150	0.00	10.40	15.20	25.60	25.60
599 3677-4	Kabwe-Rural		36.00	limestone	11.00	36.00	5.00	36.00	23.10	2.60	890.00	25.00	150	0.00	24.90	36.00	36.00	
599 3677-5	Kabwe-Rural		45.00	schist	7.30	45.00	38.70	0.00	7.30	0.31	0.32	40.00	150	0.00	21.40	42.60	42.60	
599 3677-6	Kabwe-Rural		75.00	schist	0.00	45.00	45.00	0.00	15.00	6.00	3.40	12.20	60.00	150	0.00	19.00	30.00	40.00
599 3677-7	Kabwe-Rural		20.00	30.00	6.00	45.00	15.00	15.00	6.00	3.40	12.20	60.00	150	0.00	10.00	30.00	40.00	
599 3677-8	Kabwe-Rural		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150	0.00	0.00	10.00	55.00
599 3677-9	Kabwe-Rural		75.00	schist	20.00	30.00	10.00	30.00	10.00	6.00	0.10	12.20	25.00	150	0.00	6.00	12.00	55.00
599 3677-10	Kabwe-Rural		75.00	schist	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150	0.00	0.00	10.00	55.00

Borehole No	Input No	District	Total Depth (m)	Lithology	Thickness of main Aquifer			Groundwater Depth			Perforated Casing to Bottom of Casing (G.L.-m)			
					From (G.L.-m)	To (G.L.-m)	Total Thickness (m)	Main Supply (G.L.-m)	First Sump (G.L.-m)	Static (G.L.-m)	From (G.L.-m)	To (G.L.-m)	Depth of Pump Inake (G.L.-m)	
593 258774	Mtushi	55.00	granite	30.00	20.00	30.00	30.00	20.00	0.85	2.15	0.00	6.00	17.00	
596 2953-1	Mtushi	30.00	schist	10.00	23.00	13.00	15.00	8.00	0.25	1.27	25.00	150	0.00	
597 2921-4	Mtushi	40.00	granite	15.00	30.00	15.00	30.00	15.00	0.00	0.37	1.14	36.00	150	0.00
598 2259-8	Mtushi	40.00	granite	12.00	30.00	18.00	30.00	12.00	0.00	1.25	0.00	6.00	9.00	15.00
599 2734-1	Mtushi	75.00	granite	30.00	30.00	30.00	30.00	10.00	0.25	0.43	60.00	150	0.00	
600 2673-4	Mtushi	52.00	granite	45.00	9.00	36.00	12.00	6.20	2.50	6.39	45.00	150	0.00	
601 2561-1	Mtushi	55.00	quartzite	30.00	45.00	15.00	30.00	12.00	9.00	6.25	540.00	150	0.00	
602 2537-4	Mtushi	60.00	granite	30.00	45.00	15.00	30.00	10.00	4.00	0.37	1.14	36.00	150	0.00
603 2225	Mtushi	55.00	quartzite	30.00	45.00	15.00	30.00	12.00	9.00	6.25	540.00	150	0.00	
604 2212	Mtushi	50.00	quartzite	15.00	45.00	30.00	45.00	15.00	10.00	0.25	6.17	45.00	150	0.00
605 2569-1	Mtushi	36.00	granite	6.00	25.00	19.00	25.00	6.00	2.00	5.68	33.00	150	0.00	
606 2571-1	Mtushi	50.00	granite	15.00	45.00	30.00	45.00	15.00	10.00	2.00	6.17	45.00	150	0.00
607 2554-1	Mtushi	60.00	schist	30.00	39.00	9.00	30.00	11.00	6.40	1.42	5.20	30.00	125	0.00
608 2503-2	Mtushi	74.00	granite	30.00	65.00	35.00	30.00	10.00	7.00	1.17	60.00	150	0.00	
609 2048	Mtushi	75.00	gneiss	18.00	18.00	1.00	17.00	17.00	4.80	0.33	0.46	67.00	150	0.00
610 2000	Mtushi	30.00	granite	6.00	20.00	10.00	20.00	3.00	2.00	0.83	6.24	60.00	150	0.00
611 2055	Mtushi	80.00	granite	30.00	30.00	10.00	30.00	10.00	2.75	5.00	360.00	150	0.00	
612 1868	Mtushi	65.00	granite	20.00	40.00	20.00	40.00	20.00	1.30	1.10	1.78	60.00	150	0.00
613 1691	Mtushi	65.00	schist	45.00	50.00	5.00	45.00	30.00	6.70	2.60	0.65	60.00	150	0.00
614 1430	Mtushi	65.00	schist	56.00	9.00	56.00	56.00	36.00	17.00	13.30	33.40	150	0.00	
615 1530	#N/A	47.00		0.00	0.00	18.00	14.00	7.40	0.30	0.68	45.50	156	0.00	
616 1431	Mtushi	70.00	schist	51.00	70.00	19.00	51.00	4.50	1.66	2.69	67.00	150	0.00	
617 846-3	Mtushi	75.00	quartzite	27.00	33.00	6.00	33.00	27.00	14.00	0.83	1.28	70.00	150	0.00
618 934-1	Mtushi	75.00	schist	35.00	40.80	5.80	35.00	22.00	10.00	0.57	0.98	70.00	150	0.00
619 934-2	Mtushi	75.00	schist	45.00	70.00	28.00	42.00	20.00	16.00	2.75	6.99	72.00	150	0.00
620 846-2	Mtushi	75.00	schist	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.98	69.00	150	0.00
621 3480-1	Mtushi	60.00	granite	20.00	31.00	13.00	33.00	20.00	17.40	3.30	37.50	150	0.00	
622 2407-3	Mtushi	72.00	sandstone	45.00	62.00	17.00	45.00	23.00	13.00	5.00	25.40	52.00	150	0.00
623 2921-5	Mtushi	53.00	granite	45.00	50.00	5.00	50.00	45.00	43.00	3.70	160.00	50.00	0.00	
624 2850-1	Mtushi	75.00	granite	30.00	30.00	20.00	30.00	15.00	6.00	2.50	8.00	55.00	200	0.00
625 2921-3	Mtushi	40.00	sandstone	26.00	33.00	7.00	33.00	26.00	20.00	1.60	13.80	30.00	150	0.00
626 2856-1	Mtushi	52.00	granite	10.00	45.00	35.00	45.00	10.00	3.00	0.25	0.48	48.00	150	0.00
627 2464-1	Lusaka-Urbn	75.00	quartzite	27.00	42.00	15.00	27.00	6.00	5.50	0.87	1.17	70.00	150	0.00
628 LC1	Mtushi	52.00	limestone	24.00	52.00	28.00	38.00	0.00	0.00	0.00	0.00	160.00	50.00	0.00
629 LC02	Lusaka-Urbn	21.50	limestone	20.50	21.50	1.00	20.50	20.50	5.77	4.20	97.30	152	0.00	
630 LC03	Lusaka-Urbn	33.00	dolomite	22.00	33.00	11.00	22.00	12.80	5.00	3.30	30.00	152	0.00	
631 LC04	Lusaka-Urbn	51.00		21.00	24.00	3.00	21.00	7.00	0.70	2.00	48.00	152	0.00	
632 3336-3	Lusaka-Urbn	40.00	schist	36.60	42.70	6.10	36.60	21.30	15.30	4.30	48.30	150	0.00	
633 3538-1	Lusaka-Urbn	30.50	limestone	18.30	25.10	6.80	18.30	12.00	3.00	5.50	317.00	150	0.00	
634 3638-A	Lusaka-Urbn	70.00	limestone	18.30	24.40	6.10	18.30	1.60	2.90	2.80	21.00	152	0.00	
635 3635-1	Lusaka-Urbn	75.00	limestone	24.40	42.70	18.30	42.70	5.50	3.30	7.10	91.60	150	0.00	
636 2103-C	Lusaka-Urbn	16.00		16.00	26.00	10.00	0.00	2.50	0.00	2.50	15.60	150	0.00	
637 2155-A	Lusaka-Urbn	55.00	schist	10.00	50.00	40.00	0.00	12.00	2.60	56.20	50.00	6	0.00	
638 3630-I	Lusaka-Urbn	70.00	schist	45.70	64.00	18.10	45.70	29.30	19.30	2.50	9.43	42.70	150	0.00
639 1950-B	Lusaka-Urbn	56.00	limestone	15.00	56.00	41.00	4.00	7.90	4.00	9.90	364.00	150	0.00	
640 2077-P	Lusaka-Urbn	23.00	schist	23.00	57.00	23.00	7.00	0.20	0.33	0.33	70.00	150	0.00	
641 2070-I	Lusaka-Urbn	53.00	schist	54.00	73.00	19.00	59.00	21.00	2.00	17.30	68.00	150	0.00	
642 2073-B	Lusaka-Urbn	18.00	limestone	18.00	47.00	20.00	18.00	8.00	108.00	5.00	108.00	150	0.00	
643 1892-B	Lusaka-Urbn	25.00	limestone	15.00	40.00	15.00	17.00	21.00	17.00	3.00	9.26	55.00	150	0.00
644 2038/I	Lusaka-Urbn	31.00	gravel	31.00	41.00	4.00	35.00	21.00	1.50	1.50	42.70	150	0.00	
645 1954-C	Lusaka-Urbn	7.00	limestone	21.00	14.00	21.00	7.00	2.50	10.00	1730.00	51.00	0.00		
646 3635-1	Lusaka-Urbn	16.20	gravel	43.00	26.80	27.40	16.20	0.00	0.33	0.58	60.00	150	0.00	
647 3636-1	Lusaka-Urbn	24.40	schist	51.10	25.70	24.40	12.00	0.30	3.00	9.71	60.10	150	0.00	
648 3725-1	Lusaka-Urbn	36.60	limestone	5.50	5.50	5.50	5.50	5.50	4.00	36.60	150	0.00		



Input No	Borehole No.	District	Depth (m)	Thicknesses of main Aquifer			Groundwater Depth			Specific Capacity (m ³ /day)	Depth of Pump intake (G.L.-m)	Plain Casing		Perforated Casing		Depth of Bottom of Casing (G.L.-m)			
				Total (G.L.-m)	From (G.L.-m)	To (G.L.-m)	Main Thickness (cm)	Total Supply (G.L.-m)	First Strike (G.L.-m)			Front (G.L.-m)	From (G.L.-m)	To (G.L.-m)	From (G.L.-m)				
649 31823	LCD05	Lusaka-Urbn	61.00	quantite	21.00	49.00	28.00	27.00	21.00	11.00	2.73	21.00	0.00	21.00	45.70	37.70			
650 15489	Lusaka-Urbn	49.50	schist	21.00	24.00	27.00	3.00	20.00	15.00	0.00	21.00	1.52	15.00	0.00	12.00	21.00			
651 15489	Lusaka-Urbn	31.50	schist	7.00	27.00	20.00	15.00	7.00	8.80	4.77	0.00	30.00	1.50	0.00	18.00	49.50			
652 LC7	Lusaka-Urbn	55.00	schist	31.00	41.00	10.00	31.00	21.00	19.40	1.00	5.27	50.00	0	0.00	24.00	45.00			
653 1926A	Lusaka-Urbn	43.75	sand	23.00	35.00	12.00	27.00	23.00	19.40	0.70	6.05	42.00	0	0.00	22.00	43.00			
654 1925A	Lusaka-Urbn	60.00	limestone	9.00	36.00	27.00	9.00	6.00	2.10	5.88	11.30	50.00	0	0.00	10.00	60.00			
655 36281	Lusaka-Urbn	70.00	schist	27.40	60.00	32.60	62.00	27.40	12.40	3.50	18.60	50.00	150	0.00	19.20	69.00			
656 3616-1	Lusaka-Urbn	65.00	limestone	18.30	40.00	21.70	18.30	9.10	4.00	5.00	48.80	150	0.00	8.50	42.70	51.20			
657 3694-1	Lusaka-Urbn	70.00	schist	9.10	48.80	39.70	9.00	9.10	5.30	2.50	4.83	48.00	150	0.00	0.70	22.00			
658 266510	Lusaka-Urbn	70.00	schist	22.90	49.00	17.10	40.00	22.90	17.70	2.20	6.27	48.00	150	0.00	20.30	40.00			
659 3708-2	Lusaka-Urbn	60.00	schist	27.40	42.70	15.30	42.70	21.40	19.40	0.83	2.51	50.00	150	0.00	22.70	42.90			
660 3708-1	Lusaka-Urbn	65.00	quartzite	33.00	36.00	3.00	33.00	33.00	18.00	5.00	0.00	39.00	152	0.00	9.00	15.00			
661 3153	Lusaka-Urbn	58.00	limestone	10.00	53.00	23.00	30.00	30.00	30.00	2.60	0.00	51.00	150	0.00	6.00	16.00			
662 3157	Lusaka-Urbn	50.00	limestone	7.00	42.00	48.00	6.00	19.20	12.20	7.00	6.20	1.00	4.91	45.00	0.00	14.00			
663 1820A	Lusaka-Urbn	70.00	schist	42.00	49.00	42.00	41.50	28.45	28.45	0.47	2.75	59.00	150	0.00	40.00	40.00			
664 1817B	Lusaka-Urbn	35.00	quartzite	10.00	15.00	5.00	15.00	19.00	19.00	3.35	1.00	30.00	150	0.00	10.00	19.00			
665 1829C	Lusaka-Urbn	76.50	schist	16.50	60.10	23.50	60.10	36.00	21.60	1.45	3.26	60.00	150	0.00	27.40	48.90			
666 3516-1	Lusaka-Urbn	20.00	schist	33.50	55.00	21.50	55.00	55.00	33.50	0.56	1.97	55.00	150	0.00	27.50	42.60			
667 3190-2	Lusaka-Urbn	80.00	schist	20.50	73.00	42.50	73.00	30.50	26.20	2.50	5.87	73.00	150	0.00	27.40	54.30			
668 2229-3	Lusaka-Urbn	60.00	schist	27.40	39.00	11.60	33.60	27.40	24.40	1.60	5.67	48.80	150	0.00	27.40	39.60			
669 3120	Lusaka-Urbn	67.00	schist	27.40	45.70	18.30	45.70	27.00	21.60	2.10	5.43	55.00	150	0.00	21.00	34.00			
670 3117	Lusaka-Urbn	60.00	schist	36.50	55.00	18.40	36.60	30.00	18.30	1.83	5.24	48.80	150	0.00	30.00	41.20			
671 3425-1	Lusaka-Urbn	70.00	schist	33.50	48.80	15.30	48.80	33.50	21.30	0.65	2.07	48.80	150	0.00	26.20	31.50			
672 3095-3	Lusaka-Urbn	60.00	schist	27.40	48.80	21.10	48.80	27.40	17.70	1.50	10.30	48.00	150	0.00	23.80	36.00			
673 3371-2	Lusaka-Urbn	70.00	schist	10.70	21.30	10.60	21.30	10.70	4.80	0.41	0.87	45.70	150	0.00	7.90	24.40			
674 3384-1	Lusaka-Urbn	70.00	schist	21.20	48.50	27.30	48.50	21.20	12.70	3.50	6.39	60.00	150	0.00	24.00	54.50			
675 2665-4	Lusaka-Urbn	80.00	schist	28.30	75.00	46.70	75.00	12.50	12.50	0.75	1.23	65.00	150	0.00	33.00	53.20			
676 3371-3	Lusaka-Urbn	60.00	schist	27.00	51.00	24.00	27.00	22.10	10.00	2.80	7.56	42.00	150	0.00	11.50	44.50			
677 3371-4	Lusaka-Urbn	80.00	limestone	21.30	48.80	27.50	48.80	21.30	12.60	4.60	6.60	46.00	150	0.00	12.20	35.30			
678 3416-1	Lusaka-Urbn	65.00	limestone	10.70	27.60	39.00	11.40	27.60	16.60	3.90	4.80	51.00	150	0.00	18.00	44.80			
679 3298-1	Lusaka-Urbn	70.00	schist	24.40	55.00	30.60	55.00	24.40	15.20	1.70	3.99	52.00	150	0.00	15.30	31.10			
680 3331-1	Lusaka-Urbn	70.00	schist	18.20	64.00	45.70	64.00	18.30	13.10	2.50	5.35	52.00	150	0.00	28.30	54.50			
681 3298-4	Lusaka-Urbn	70.00	schist	13.00	52.00	19.00	33.00	20.00	7.40	160.00	46.00	150	0.00	13.10	32.00	65.00			
682 3019	Lusaka-Urbn	70.00	limestone	24.40	48.80	21.30	48.80	27.40	24.40	1.05	1.76	70.00	150	0.00	18.90	55.50			
683 2641-2	Lusaka-Urbn	65.00	schist	0.00	0.00	0.00	0.00	27.60	45.00	27.40	19.20	1.35	3.26	55.00	150	0.00			
684 3188-4	Lusaka-Urbn	65.00	schist	0.00	0.00	0.00	0.00	54.50	27.20	21.50	0.45	0.87	66.00	150	0.00	20.30	62.80		
685 3182-2	Lusaka-Urbn	70.00	schist	0.00	0.00	0.00	0.00	15.00	15.00	10.00	4.80	3.40	36.70	150	0.00	27.80	55.00		
686 2975-2	Lusaka-Urbn	60.00	schist	0.00	0.00	0.00	0.00	15.00	15.00	10.00	7.60	3.60	36.70	150	0.00	21.30	55.00		
687 47150	Lusaka-Urbn	60.00	limestone	0.00	0.00	0.00	0.00	30.00	9.00	0.56	0.90	60.00	150	0.00	10.00	24.80			
688 3239-2	Lusaka-Urbn	80.00	schist	0.00	0.00	0.00	0.00	9.00	9.00	6.00	0.56	0.90	59.00	150	0.00	3.10	55.50		
689 2976	Lusaka-Urbn	61.00	limestone	0.00	0.00	0.00	0.00	9.00	22.20	0.00	2.20	0.00	1.20	150	0.00	12.00	46.30		
690 2974	Lusaka-Urbn	60.00	limestone	0.00	0.00	0.00	0.00	13.70	24.00	23.90	6.50	16.00	6.50	150	0.00	12.00	51.50		
691 2628-3	Lusaka-Urbn	60.00	limestone	0.00	0.00	0.00	0.00	42.70	42.70	13.70	4.60	3.25	7.93	150	0.00	13.40	53.30		
692 2628-4	Lusaka-Urbn	60.00	schist	0.00	0.00	0.00	0.00	40.00	13.30	48.80	24.40	0.43	1.35	32.00	150	0.00	21.30	41.20	
693 3152-1	Lusaka-Urbn	80.00	schist	0.00	0.00	0.00	0.00	11.60	30.00	18.40	11.60	6.40	1.30	3.72	150	0.00	18.30	48.80	
694 3130-1	Lusaka-Urbn	70.00	limestone	0.00	0.00	0.00	0.00	36.60	48.80	12.20	48.80	27.40	26.60	0.75	2.89	33.50	150	0.00	
695 3080-1	Lusaka-Urbn	60.00	limestone	0.00	0.00	0.00	0.00	13.70	42.30	56.00	13.70	7.90	3.30	26.20	150	0.00	13.40	50.50	
696 3074-1	Lusaka-Urbn	60.00	limestone	0.00	0.00	0.00	0.00	42.70	24.00	24.00	16.00	15.70	2.86	61.00	150	0.00	12.00	50.50	
697 3041-2	Lusaka-Urbn	60.00	schist	0.00	0.00	0.00	0.00	13.30	40.00	13.00	24.40	0.25	0.50	61.00	150	0.00	21.30	41.20	
698 3041-1	Lusaka-Urbn	60.00	schist	0.00	0.00	0.00	0.00	13.30	67.00	33.50	67.00	33.50	1.30	4.08	61.00	150	0.00	30.50	48.80
699 2997-2	Lusaka-Urbn	73.00	limestone	0.00	0.00	0.00	0.00	30.50	67.00	23.80	6.70	4.30	5.00	48.00	150	0.00	17.10	56.60	
700 3003-2	Lusaka-Urbn	75.00	limestone	0.00	0.00	0.00	0.00	33.50	42.70	9.20	42.70	33.50	2.00	5.67	61.00	150	0.00	14.50	45.00
701 2997-1	Lusaka-Urbn	80.00	schist	0.00	0.00	0.00	0.00	21.10	20.10	20.10	9.40	4.30	5.00	75.80	150	0.00	29.20	33.50	
702 3168-1	Lusaka-Urbn	80.00	schist	0.00	0.00	0.00	0.00	55.20	—	55.20	26.00	21.30	2.80	67.00	150	0.00	28.00	46.30	

Input No	Borehole No	District	Total Depth (m)	Lithology	Thickness of main Aquifer		Groundwater Depth (G.L.-m)	First Struck (G.L.-m)	Main Supply (G.L.-m)	Depth of Pump Intake (G.L.-m)	Diameter (mm)	Plan Chaining From (G.L.-m)	Perforated Chaining From (G.L.-m)	Depth of Bottom of Casing (G.L.-m)		
					From (G.L.-m)	To (G.L.-m)										
703	3001-1	Lusaka-Urbn	75.00	schist	36.00	75.00	36.40	75.00	36.00	28.00	150	0.00	12.30	22.20	35.00	
704	38443	Lusaka-Urbn	60.00	schist	9.10	45.00	35.00	45.00	9.10	7.60	150	0.00	6.10	24.40	30.50	
705	263.5	Lusaka-Urbn	45.00	limestone	9.10	45.00	35.90	15.00	12.00	1.30	152	0.00	12.00	6.00	18.00	
706	2915-1	Lusaka-Urbn	60.00	schist	24.00	58.00	34.00	24.00	12.20	7.60	150	0.00	15.00	45.00	60.00	
707	2934-1	Lusaka-Urbn	70.00	schist	36.00	55.00	19.00	36.00	15.20	9.80	150	0.00	7.00	40.20	47.20	
708	2842-1	Lusaka-Urbn	50.00	schist	22.00	50.00	28.00	22.00	19.00	7.00	150	0.00	10.00	41.00	51.00	
709	2965-1	Lusaka-Urbn	61.00	schist	13.20	36.60	21.40	36.60	15.20	4.80	150	0.00	16.80	33.50	50.30	
710	2853-1	Lusaka-Urbn	55.00	schist	35.00	40.00	5.00	40.00	16.70	2.50	150	0.00	26.00	12.00	38.00	
711	2894-1	Lusaka-Urbn	60.00	limestone	24.40	51.80	27.40	24.40	8.50	4.80	150	0.00	42.70	5.50	14.60	
712	2663	Lusaka-Urbn	46.00	limestone	18.50	31.00	12.50	22.00	18.40	12.20	150	0.00	21.30	12.60	30.60	
713	2550	Lusaka-Urbn	60.00	schist	30.00	36.00	6.00	30.00	21.00	2.10	150	0.00	18.00	19.30	37.00	
714	2537	Lusaka-Urbn	60.00	schist	40.00	45.00	5.00	40.00	18.00	5.50	150	0.00	39.60	51.00	45.00	
715	2536	Lusaka-Urbn	37.00	schist	24.00	36.00	12.00	24.00	19.00	9.00	150	0.00	38.40	27.00	24.00	
716	2663-1	Lusaka-Urbn	70.00	schist	12.00	70.00	58.00	0.00	12.00	4.20	150	0.00	16.40	40.00	56.70	
717	2810-1	Lusaka-Urbn	44.00	limestone	27.00	44.00	17.00	36.00	27.00	11.50	150	0.00	20.00	10.00	36.00	
718	2720-1	Lusaka-Urbn	75.00	schist	18.20	42.60	24.40	42.60	18.20	5.90	150	0.00	12.60	52.00	42.60	
719	2765-3	Lusaka-Urbn	56.40	limestone	12.00	36.00	24.00	12.00	3.00	2.30	150	0.00	18.20	25.00	17.00	
720	2641-1	Lusaka-Urbn	52.00	schist	36.00	52.00	16.00	40.00	36.00	2.00	150	0.00	36.00	1.40	12.00	
721	2099	Lusaka-Urbn	70.00	limestone	21.60	60.00	38.40	21.60	10.00	9.48	150	0.00	12.20	25.00	31.00	
722	3834-1	Lusaka-Urbn	60.00	schist	19.30	30.50	10.70	30.50	19.30	5.20	150	0.00	3.77	48.80	13.40	
723	TH-01	Lusaka-Urbn	60.00	schist	19.00	27.00	8.00	24.00	19.00	15.50	150	0.00	80.40	33.00	15.00	
724	2146C	Lusaka-Urbn	65.00	limestone	18.00	44.00	26.00	44.00	18.00	12.30	150	0.00	30.00	50.00	30.00	
725	TH-02	Lusaka-Urbn	48.00	limestone	13.00	39.00	6.00	35.00	33.00	25.95	20.00	150	0.00	30.00	18.00	48.00
726	TH-03	Lusaka-Urbn	20.00	schist	15.00	48.00	9.00	48.00	21.00	15.00	150	0.00	3.30	27.00	12.00	
727	TH-04	Lusaka-Urbn	21.00	limestone	6.00	18.00	12.00	6.00	6.00	1.00	150	0.00	4.20	69.80	21.00	
728	TH-05	Lusaka-Urbn	60.00	schist	42.00	60.00	18.00	42.00	42.00	2.40	150	0.00	1.10	8.19	45.00	
729	TH-06	Lusaka-Urbn	54.00	schist	31.00	39.00	6.00	36.00	33.00	3.70	150	0.00	0.73	51.00	31.00	
730	3674-1	Lusaka-Urbn	65.90	limestone	30.50	45.70	15.20	45.70	21.60	2.90	150	0.00	30.50	21.60	35.50	
731	3574-1	Lusaka-Urbn	45.70	schist	27.40	49.00	12.60	27.40	12.20	3.00	150	0.00	36.60	9.10	39.50	
732	TH-07	Lusaka-Urbn	49.00	schist	0.00	0.00	0.00	27.00	24.00	12.00	150	0.00	30.90	6.00	30.00	
733	3150	Lusaka-Urbn	63.00	schist	51.00	57.00	6.00	53.57	51.00	15.00	150	0.00	32.00	0.00	32.00	
734	3420-1	Lusaka-Urbn	70.00	schist	32.00	42.70	10.70	42.70	32.00	5.80	150	0.00	2.00	24.00	24.00	
735	3394-4	MRVA	60.00	limestone	24.40	40.40	15.60	40.40	24.40	13.70	150	0.00	16.00	17.50	31.50	
736	3414-1	Lusaka-Urbn	61.00	limestone	21.30	45.70	24.40	45.70	21.30	19.50	150	0.00	13.60	45.00	40.00	
737	3113-1	Lusaka-Urbn	43.30	limestone	33.50	38.10	4.60	38.10	33.50	20.40	150	0.00	25.40	44.00	38.40	
738	3723-1	Lusaka-Urbn	60.00	limestone	55.00	58.00	3.00	55.00	53.50	8.30	150	0.00	32.60	19.20	51.20	
739	2723-4	Lusaka-Urbn	62.00	schist	45.00	55.00	10.00	55.00	45.00	40.00	150	0.00	32.35	15.60	49.40	
740	2975-1	Lusaka-Urbn	47.20	limestone	31.40	36.60	5.20	36.60	31.40	30.80	150	0.00	40.00	31.40	38.10	
741	2947-1	Lusaka-Urbn	60.00	schist	33.00	45.00	12.00	45.00	33.00	24.00	150	0.00	1.56	50.00	27.00	
742	2703	Lusaka-Urbn	54.00	schist	27.00	40.00	13.00	40.00	27.00	15.00	150	0.00	2.38	42.00	45.00	
743	3373-1	Lusaka-Urbn	60.00	limestone	33.00	51.00	20.00	51.00	29.96	24.00	150	0.00	13.00	39.00	43.00	
744	2682-1	Lusaka-Urbn	61.00	limestone	36.00	42.00	12.00	42.00	5.00	0.50	150	0.00	12.00	18.50	30.50	
745	3073	Lusaka-Urbn	60.00	limestone	18.30	23.00	5.00	18.30	10.85	0.60	150	0.00	58.00	13.40	51.00	
746	3316-1	Lusaka-Urbn	51.30	limestone	31.20	65.00	13.20	65.00	51.30	3.40	150	0.00	40.00	13.40	40.50	
747	3273-2	Lusaka-Urbn	75.00	limestone	21.00	58.00	37.00	58.00	21.10	3.70	150	0.00	50.00	13.40	13.40	
748	3337-1	Lusaka-Urbn	70.00	schist	27.40	61.00	33.60	57.40	8.20	6.70	150	0.00	1.10	61.00	9.30	
749	3353-1	Lusaka-Urbn	65.00	schist	18.00	33.30	15.30	33.30	12.10	4.20	150	0.00	4.00	45.00	21.70	
750	3312-1	Lusaka-Urbn	61.00	schist	0.00	0.00	0.00	0.00	42.70	24.00	150	0.00	3.75	55.00	13.70	
751	2928	Lusaka-Urbn	45.30	limestone	36.00	45.00	2.00	40.00	40.00	15.00	150	0.00	1.00	41.00	14.40	
752	2924	Lusaka-Urbn	48.30	limestone	30.50	48.80	18.30	48.80	30.50	15.50	150	0.00	8.87	45.70	21.30	
753	2968	Lusaka-Urbn	45.00	schist	24.00	45.00	21.00	45.00	21.00	12.00	150	0.00	2.18	0.00	27.00	
754	3160-1	Lusaka-Urbn	61.00	limestone	36.80	44.90	8.30	36.80	29.90	22.50	150	0.00	4.40	45.00	26.80	
755	3160-2	Lusaka-Urbn	80.00	schist	0.00	0.00	0.00	0.00	42.70	29.90	150	0.00	3.32	52.00	14.70	
756	3194-1	Lusaka-Urbn	53.30	schist	27.40	52.00	24.60	52.00	32.00	27.40	150	0.00	1.00	49.00	29.90	

Import No.	Borehole No.	District	Total Depth (m)	Lithology	Thickness of main Aquifer			Groundwater Depth (G.L.-m)	Perforated Casing From (G.L.-m)	Plain Casing From (G.L.-m)	Perforated Casing To (G.L.-m)	Plain Casing To (G.L.-m)	Depth of Pump Intake (m)	Diameter (mm)	Specific Capacity (m³/day)	Yield (l/s)	Depth of Pump Intake (G.L.)	Depth of Bottom of Casing (G.L.)
					From (G.L.-m)	To (G.L.-m)	Total Thickness (m)											
757	22465-2	Lusaka-Urbn	91.40	schist	73.00	86.00	13.00	10.70	11.30	1.30	1.75	15.20	0.00	42.70	42.70	15.20	15.20	
758	3228-1	Lusaka-Urbn	75.00	schist	55.00	75.00	20.00	35.00	13.10	9.10	3.83	52.00	1.25	0.00	13.40	20.10	31.50	
759	2801	Lusaka-Urbn	60.00	limestone	42.70	60.00	17.30	0.00	42.70	38.10	1.50	52.00	1.50	0.00	12.20	18.30	16.40	
760	2815	Lusaka-Urbn	60.00	schist	16.80	19.00	2.20	0.00	16.80	48.80	0.47	12.70	1.50	0.00	6.10	11.40	11.40	
761	2820	Lusaka-Urbn	60.00	schist	40.00	60.00	20.00	40.00	11.60	8.20	1.00	1.97	1.50	0.00	7.30	12.50	23.50	
762	2835	Lusaka-Urbn	74.50	schist	36.60	74.50	37.90	0.00	36.60	29.90	0.83	2.31	61.00	1.50	0.00	12.20	18.30	16.40
763	3031-1	Lusaka-Urbn	60.00	schist	16.80	52.00	0.00	16.80	48.80	0.47	12.70	1.50	0.00	6.10	11.40	11.40		
764	3031-2	Lusaka-Urbn	60.00	schist	11.60	40.00	28.40	40.00	11.60	8.20	1.00	1.97	52.00	1.50	0.00	7.30	12.50	12.50
765	11.98-2	Lusaka-Urbn	60.00	schist	24.60	36.60	12.00	0.00	24.60	48.80	0.50	42.70	1.50	0.00	13.40	20.10	31.50	
766	31.35-1	Lusaka-Urbn	74.50	schist	36.60	61.00	24.40	0.00	36.60	29.90	0.83	2.31	61.00	1.50	0.00	6.10	11.40	11.40
767	2856-4	Lusaka-Urbn	61.00	schist	18.30	45.70	27.40	18.30	12.20	7.00	2.00	4.10	51.80	1.50	0.00	6.10	11.40	11.40
768	2677	Lusaka-Urbn	38.00	limestone	30.00	58.00	23.00	30.00	12.00	7.00	6.69	31.70	40.00	0	5.00	30.00	35.00	
769	2893-2	Lusaka-Urbn	70.00	schist	12.20	33.50	21.30	9.10	4.60	2.60	8.30	27.60	35.00	1.50	0.00	11.60	12.50	
770	2903-2	Lusaka-Urbn	51.80	schist	41.00	49.00	9.00	41.00	18.30	1.75	7.40	19.40	42.70	1.50	0.00	7.60	12.50	12.50
771	2808-4	Lusaka-Urbn	61.00	Modiolite	45.00	52.00	7.00	45.00	29.90	25.70	11.80	55.00	1.75	0.00	12.30	18.30	12.80	
772	2837-2	Lusaka-Urbn	55.00	limestone	30.00	33.00	3.00	30.00	19.80	7.00	2.80	6.37	48.80	1.50	0.00	6.10	11.40	11.40
773	2836-3	Lusaka-Urbn	80.00	schist	27.00	45.00	18.00	27.00	18.30	2.40	0.41	6.67	60.00	1.50	0.00	12.50	18.30	22.50
774	2891-1	Lusaka-Urbn	63.00	schist	12.20	21.00	8.80	15.00	12.20	8.20	6.10	53.80	55.00	1.50	0.00	9.20	17.00	26.80
775	2903-1	Lusaka-Urbn	45.20	limestone	21.00	36.00	15.00	21.00	15.00	12.30	7.10	14.60	42.70	1.50	0.00	19.50	22.20	31.70
776	2836-5	Lusaka-Urbn	61.00	schist	15.20	51.80	36.60	51.80	15.00	6.10	2.55	8.78	51.80	1.50	0.00	12.30	18.30	12.80
777	2846-1	Lusaka-Urbn	70.00	schist	45.00	63.00	18.00	63.00	45.00	31.00	0.66	1.87	63.00	1.50	0.00	20.00	32.00	32.00
778	2856-1	Lusaka-Urbn	75.00	limestone	18.60	60.10	41.50	18.60	9.10	3.30	8.30	35.90	42.00	1.50	0.00	6.10	11.40	42.70
779	2861-1	Lusaka-Urbn	60.00	schist	45.00	55.00	10.00	45.00	33.00	22.00	1.30	3.74	52.00	1.50	0.00	26.30	20.00	46.30
780	2329-5	Lusaka-Urbn	80.00	limestone	21.30	55.00	33.70	21.30	6.10	2.60	5.20	34.70	55.00	1.50	0.00	6.10	12.80	12.80
781	2257	Lusaka-Urbn	35.00	limestone	7.00	18.00	11.00	18.00	7.00	3.00	7.00	30.20	32.00	1.50	0.00	3.00	9.00	39.00
782	2151	Lusaka-Urbn	19.00	schist	39.00	20.00	19.00	11.00	2.63	10.00	178.00	50.00	15.00	0.00	11.00	6.00	17.00	
783	1638	Lusaka-Urbn	51.00	schist	18.00	51.00	33.00	18.00	9.00	4.04	38.50	22.40	45.00	1.50	0.00	3.00	6.00	67.00
784	1638-1	Lusaka-Urbn	82.00	limestone	18.00	82.00	64.00	18.00	9.00	7.20	32.00	145.00	36.00	1.50	0.00	15.60	24.00	45.60
785	1916-10	Lusaka-Urbn	62.00	schist	18.00	34.00	16.00	18.00	9.00	2.70	2.00	3.75	48.80	1.50	0.00	6.40	14.00	46.40
786	2858-1	Lusaka-Urbn	60.00	schist	30.00	40.00	10.00	33.00	6.00	4.50	0.60	0.99	57.00	1.50	0.00	6.20	24.00	40.20
787	2673	Lusaka-Urbn	18.00	limestone	6.00	27.00	21.00	6.00	3.00	3.00	18.00	0.00	1.50	0.00	3.00	3.00	18.00	
788	2676	Lusaka-Urbn	42.00	schist	36.00	42.00	6.00	36.00	33.00	18.00	0.80	0.80	39.00	1.50	0.00	3.00	30.00	37.00
789	2802	Lusaka-Urbn	30.00	schist	30.00	49.00	19.00	30.00	20.00	1.40	0.00	35.00	36.00	1.50	0.00	15.00	24.00	39.00
790	3020-18	Lusaka-Urbn	12.00	limestone	12.00	30.00	18.00	12.00	7.00	3.00	1.30	29.00	1.50	0.00	6.00	17.00	23.00	
791	3020-18	Lusaka-Urbn	70.00	schist	13.00	60.00	45.00	15.00	4.60	2.10	1.20	2.41	1.50	0.00	9.10	14.00	31.00	
792	3345-1	Lusaka-Urbn	40.00	limestone	9.10	38.00	28.90	21.30	9.10	3.00	6.50	31.50	1.50	0.00	7.90	30.50	38.40	
793	3352-1	Lusaka-Urbn	61.00	limestone	9.10	29.00	19.90	9.10	3.00	6.60	190.00	51.80	1.50	0.00	4.80	25.20	30.00	
794	3243-3	Lusaka-Urbn	60.10	limestone	8.20	48.80	40.80	8.20	7.00	5.20	300.00	36.60	1.50	0.00	6.70	18.90	55.70	
795	825-2	Lusaka-Urbn	13.00	schist	13.00	45.00	32.00	13.00	3.00	1.30	1.75	2.82	55.00	1.50	0.00	7.20	48.50	55.70
796	825-3	Lusaka-Urbn	65.00	schist	36.00	57.00	21.00	36.00	3.00	1.10	1.25	57.00	1.50	0.00	14.00	19.00	33.00	
797	325-10	Lusaka-Urbn	60.00	schist	3.00	40.00	37.00	30.00	3.00	1.70	2.50	5.64	43.00	1.50	0.00	10.00	30.00	40.00
798	3523-3	Lusaka-Urbn	61.00	limestone	12.20	40.00	27.80	12.20	6.40	3.00	12.00	379.00	31.00	1.50	0.00	9.10	33.00	42.70
799	3418-2	Lusaka-Urbn	16.00	schist	16.00	49.00	33.00	16.00	10.00	2.50	2.73	50.00	1.50	0.00	13.00	39.40	52.40	
800	1827C	Lusaka-Urbn	30.00	limestone	17.00	30.00	13.00	17.00	14.00	3.00	2.69	45.00	1.50	0.00	21.00	6.00	27.00	
801	1899-B	Lusaka-Urbn	70.00	limestone	12.00	21.00	9.00	12.00	7.50	3.00	1.00	14.00	63.00	1.50	0.00	6.00	18.00	33.00
802	1934A	Lusaka-Urbn	55.00	dolomite	16.00	40.00	40.00	15.00	40.00	25.00	34.00	5.00	1.50	0.00	18.50	45.00	42.70	
803	1921A	Lusaka-Urbn	50.00	limestone	17.00	37.00	20.00	17.00	8.00	4.00	3.00	38.40	41.00	1.50	0.00	15.00	24.00	24.00
804	1940A	Lusaka-Urbn	55.00	limestone	16.00	50.00	34.00	16.00	13.17	1.50	0.00	50.00	1.50	0.00	0.00	0.00	0.00	0.00
805	1938E	Lusaka-Urbn	60.00	limestone	24.40	30.50	6.10	24.40	9.10	2.40	45.70	0	1.50	0.00	0.00	0.00	0.00	0.00
806	3523-4	Lusaka-Urbn	40.00	schist	21.00	30.00	9.00	21.00	10.00	0.60	1.50	10.00	1.50	0.00	0.00	0.00	0.00	0.00
807	3642-1	Lusaka-Urbn	61.60	limestone	30.50	61.00	28.70	30.50	7.60	4.30	2.50	144.00	5.63	42.70	0	0.00	0.00	43.30
808	3523-9	Lusaka-Urbn	61.00	limestone	33.50	61.00	27.50	33.50	7.60	4.30	2.50	144.00	5.63	42.70	0	0.00	0.00	43.30
809	3523-8	Lusaka-Urbn	61.00	schist	12.20	30.50	18.10	12.20	6.10	2.10	1.80	5.59	1.50	0.00	0.00	0.00	0.00	0.00
810	3523-5	Lusaka-Urbn	61.00	schist	12.20	30.50	18.10	12.20	6.10	2.10	1.80	5.59	1.50	0.00	0.00	0.00	0.00	0.00

Input No	Borehole No	District	Total Depth (m)	Lithology	Thickness of main aquifer			Groundwater Depth (G.L.m)	First Struck (G.L.m)	Main Supply (G.L.m)	Static (G.L.m)	Yield (l/s)	Specific Capacity (m ³ /day)	Depth of Pump Inake (G.L.m)	Plain Casing		Perforated Casing		Depth of Bottom of Casing (G.L.m)
					From (G.L.m)	To (G.L.m)	Total Thickness (m)								From (G.L.m)	To (G.L.m)	From (G.L.m)	To (G.L.m)	
811 2080C	Lensaka-Urbn	55.00	limestone	18.00	27.00	1.00	4.80	4.80	5.00	61.70	50.00	7.00	17.00	17.00	17.00	17.00	17.00	25.50	
812 379644	Lensaka-Urbn	29.50	schist	64.00	84.00	14.00	34.10	58.00	29.50	12.80	2.50	5.12	55.00	1.00	21.30	0.00	21.30	21.70	
813 3752-2	Lensaka-Urbn	58.00	limestone	27.20	50.00	22.80	27.20	6.00	1.40	6.60	14.30	42.50	1.00	3.00	1.00	6.00	6.00	6.00	
814 2178	Lensaka-Rural	46.60	schist	19.20	46.60	32.00	19.20	2.10	2.10	5.60	42.60	1.00	1.20	1.20	14.20	14.20	14.20	47.40	
815 2173	Lensaka-Rural	45.00	sandstone	37.00	45.00	8.00	35.00	24.00	1.00	1.60	4.46	42.00	0	1.00	10.00	27.00	27.00	27.00	
816 2172	Lensaka-Rural	75.00	sandstone	40.00	75.00	35.00	48.00	10.00	0.47	0.81	60.00	1.00	17.50	17.50	55.00	55.00	72.50		
817 2169	Lensaka-Rural	75.00	sandstone	40.00	75.00	35.00	40.00	17.00	9.60	1.30	1.86	70.00	1.00	14.50	61.00	14.50	14.50	75.50	
818 2151	Lensaka-Rural	75.00	granite	14.00	51.00	35.00	65.00	10.00	1.00	1.53	2.48	57.00	1.00	6.10	6.10	12.20	12.20	12.20	
819 1999	Lensaka-Rural	80.00	sandstone	66.00	80.00	14.00	24.00	15.00	10.00	5.60	31.70	58.00	1.00	17.20	49.00	66.20	66.20	66.20	
820 1896	Lensaka-Rural	65.50	sandstone	40.00	61.00	21.00	27.00	10.60	3.60	2.75	5.98	55.00	1.00	14.60	50.00	64.60	64.60	64.60	
821 1857	Lensaka-Rural	75.00	sandstone	33.00	75.00	42.00	35.00	15.00	8.00	0.08	0.11	70.00	0	0.00	0.00	0.00	0.00	0.00	
822 1838	Lensaka-Rural	75.00	sandstone	21.00	45.00	24.00	21.00	9.00	4.00	0.57	0.97	70.00	1.00	12.00	50.00	62.50	62.50	62.50	
823 1822	Lensaka-Rural	70.50	sandstone	36.00	66.00	33.00	36.00	15.00	10.00	2.80	4.84	67.00	1.00	15.00	56.00	67.00	67.00	67.00	
824 1758	Lensaka-Rural	37.00	sand	15.00	37.00	22.00	15.00	6.00	8.20	2.00	22.20	16.00	200	1.00	7.00	8.00	13.00	13.00	
825 1581	Lensaka-Rural	55.00	granite	21.00	55.00	34.00	0.00	24.00	21.00	2.23	8.23	52.00	1.00	1.10	19.50	13.50	13.50	13.50	
826 1729	AN/A	75.00	granite	30.00	75.00	45.00	30.00	9.00	2.00	10.80	25.00	15.00	1.00	2.00	3.00	15.00	15.00	15.00	
827 1696	Lensaka-Rural	75.19	granite	33.19	75.19	42.00	33.10	15.24	6.91	4.00	11.90	34.80	1.00	3.05	48.29	51.34	51.34	51.34	
828 1672	Lensaka-Rural	66.00	granite	30.00	66.00	36.00	30.00	18.00	9.00	2.00	5.96	49.00	1.00	12.00	15.00	15.00	15.00	15.00	
829 1659	Lensaka-Rural	60.00	gneiss	45.00	60.00	15.00	45.00	21.00	5.20	0.71	1.60	57.00	1.00	12.00	27.73	39.95	39.95	39.95	
830 1572	Lensaka-Rural	57.30	sand	30.50	36.10	5.60	30.50	6.10	3.48	40.00	128.00	57.00	1.00	16.42	37.43	33.85	33.85	33.85	
831 1394	Lensaka-Rural	55.40	sand/gravel	27.40	39.60	12.20	39.60	27.40	11.60	0.63	9.90	37.80	1.00	9.30	36.60	45.50	45.50	45.50	
832 1395	Lensaka-Rural	52.90	sandstone	15.20	30.50	15.30	15.20	14.00	11.60	0.63	14.70	15.00	1.00	15.24	31.39	52.90	52.90	52.90	
833 1373	Lensaka-Rural	61.60	sandstone	30.48	36.60	6.12	30.48	12.20	9.10	0.50	1.06	50.00	1.00	43.50	18.30	61.60	61.60	61.60	
834 1372	Lensaka-Rural	57.30	sandstone	30.50	36.10	5.60	30.50	6.10	3.48	40.00	128.00	57.00	1.00	16.42	37.43	33.85	33.85	33.85	
835 1472	Lensaka-Rural	42.00	limestone	11.00	18.00	7.00	11.00	8.00	1.35	1.50	12.30	39.00	1.00	8.00	13.00	21.00	21.00	21.00	
836 1472	Lensaka-Rural	49.50	schist	18.00	36.00	18.00	36.00	18.00	11.60	3.00	25.90	15.00	1.00	15.00	15.00	30.00	30.00	30.00	
837 MW03	Lensaka-Rural	54.00	schist	30.00	45.00	15.00	45.00	30.00	9.10	6.80	43.50	48.00	1.00	36.00	18.00	54.00	54.00	48.00	
838 MW04	Lensaka-Rural	48.00	schist	7.40	27.00	19.60	27.00	7.40	7.10	1.20	5.46	45.00	1.00	12.00	30.00	18.00	18.00	18.00	
839 MW05	Lensaka-Rural	30.00	schist	7.00	27.00	20.00	27.00	7.00	5.70	1.50	11.90	30.00	1.00	7.00	4.00	11.00	11.00	11.00	
840 3482-3	Lensaka-Rural	61.00	limestone	24.40	36.60	14.20	24.40	9.10	4.00	5.20	8.31	48.00	1.00	6.40	27.40	34.10	34.10	34.10	
841 3482-1	Lensaka-Rural	80.00	limestone	27.40	58.00	30.60	27.40	6.10	3.60	4.00	34.60	48.80	1.00	9.80	26.80	36.50	36.50	36.50	
842 3482-2	Lensaka-Rural	60.10	limestone	27.40	58.00	30.60	27.40	9.10	4.00	5.00	206.00	55.00	1.00	9.80	30.50	40.30	40.30	40.30	
843 2367	Lensaka-Rural	45.30	granite	15.00	36.60	21.60	36.60	15.00	6.10	0.87	2.09	42.00	1.00	6.10	17.00	23.10	23.10	23.10	
844 3047-2	Lensaka-Rural	61.00	granite	36.60	21.60	15.00	36.60	15.00	6.10	0.87	2.09	42.00	1.00	6.10	17.00	23.10	23.10	23.10	
845 2711	Lensaka-Rural	30.50	gneiss	24.40	48.80	18.30	30.50	21.30	13.70	0.72	1.51	55.00	1.00	6.40	27.10	33.50	33.50	33.50	
846 2227-1	Lensaka-Rural	30.50	gneiss	24.40	48.80	18.30	30.50	21.30	13.70	0.72	1.51	55.00	1.00	6.40	27.00	33.50	33.50	33.50	
847 2369-1	Lensaka-Rural	63.00	limestone	24.00	33.00	9.00	24.00	6.00	2.00	1.60	2.38	60.00	1.00	6.00	30.00	36.00	36.00	36.00	
848 LE1	Lensaka-Urbn	45.00	dolomite	4.00	36.00	32.00	12.00	4.00	1.80	1.80	4.50	44.70	1.00	21.00	6.00	27.00	27.00	27.00	
849 LE3	Lensaka-Urbn	25.00	limestone	12.00	20.00	8.00	18.00	12.00	9.55	3.00	17.90	13.55	1.00	1.80	12.00	24.00	24.00	24.00	
850 LE5	Lensaka-Urbn	25.00	granite	17.00	20.00	3.00	18.00	12.00	9.55	3.00	17.90	13.55	1.00	1.80	12.00	24.00	24.00	24.00	
851 2099	Lensaka-Urbn	29.00	schist	25.00	60.00	31.00	0.00	29.00	2.00	0.66	0.00	32.00	1.00	12.00	44.10	13.50	13.50	13.50	
852 2098	Lensaka-Urbn	70.00	schist	26.00	70.00	44.00	0.00	26.00	2.20	1.10	0.00	30.00	1.00	12.00	22.30	31.40	31.40	31.40	
853 3073-1	Lensaka-Urbn	50.00	sand	27.40	40.00	12.60	27.40	13.90	13.40	4.70	13.90	42.70	1.00	12.00	18.30	28.30	28.30	28.30	
854 3053-1	Lensaka-Urbn	50.00	schist	12.80	21.00	8.20	21.30	12.00	0.60	1.59	42.70	1.00	12.00	17.40	21.30	21.30	21.30		
855 1509	Lensaka-Urbn	30.00	limestone	12.00	18.00	3.00	18.00	12.00	5.42	24.00	38.00	1.00	9.00	12.00	24.00	24.00	24.00		
856 3673-1	Lensaka-Urbn	40.00	limestone	10.30	30.50	24.40	10.30	15.80	5.00	44.10	13.50	1.00	12.00	24.40	36.60	36.60	36.60		
857 3274-1	Lensaka-Urbn	45.70	limestone	3.00	18.30	15.30	3.00	18.30	3.00	0.93	3.00	30.50	1.00	9.10	22.30	31.40	31.40	31.40	
858 3274-7	Lensaka-Urbn	32.00	sand	6.10	21.30	15.20	13.40	6.10	2.40	5.60	0.00	24.40	1.00	12.00	18.30	28.30	28.30	28.30	
859 3710-1	Lensaka-Urbn	63.60	limestone	10.70	32.00	21.30	10.70	10.70	6.70	3.40	40.00	1.00	12.00	21.30	33.50	33.50	33.50		
860 3584-1	Lensaka-Urbn	52.00	schist	17.00	23.00	6.00	23.00	12.00	5.42	24.00	38.00	1.00	9.00	12.00	24.00	24.00	24.00		
861 3690-1	Lensaka-Urbn	60.00	schist	27.00	39.20	12.30	39.20	12.30	23.50	4.00	0.00	42.50	1.00	12.00	24.40	36.60	36.60	36.60	
862 3016-2	Lensaka-Urbn	60.00	limestone	6.10	45.70	39.60	30.30	6.10	1.20	4.50	19.30	48.80	1.00	6.10	21.30	31.40	31.40	31.40	
863 3090-1	Lensaka-Urbn	61.00	schist	24.00	61.00	37.00	0.00	24.40	14.00	0.37	45.70	1.00	12.00	21.30	31.40	31.40	31.40		
864 142924	Lensaka-Urbn	60.00	schist	18.30	36.70	30.50	18.30	6.10	4.00	7.56	51.80	1.00	12.00	24.40	36.60	36.60	36.60		

Input No.	Borehole No	District	Total Depth (m)	Lithology	Thickness of main Aquifer			Groundwater Depth			Permeated Change			Depth of Bottom of Casing (G.L.-m)		
					From (G.L.-m)	To (G.L.-m)	Total Thickness (cm)	Multi Supply (G.L.-m)	Fink Standart (G.L.-m)	Stone (G.L.-m)	Yield (m³/day) (l/s)	Specific Capacity (m²/day)	Depth of Pump Inake (G.L.-m)			
855 322715	Lusaka-Urbn	36.70	sand/gravel	3.00	40.00	37.00	10.00	3.00	3.00	1.00	2.83	42.10	150	27.40		
856 360041	Lusaka-Urbn	61.00	45.70 limestone	24.40	33.50	9.10	33.50	21.30	3.20	1.20	0.00	12.20	150	18.30		
857 142918	Lusaka-Urbn	45.70	schist	3.00	42.70	29.70	24.40	3.00	2.60	6.60	0.00	1.50	150	24.40		
858 142920	Lusaka-Urbn	45.70	schist	9.10	36.80	27.50	18.30	9.10	6.10	5.90	40.00	150	15.00	21.30		
859 33757-1	Lusaka-Urbn	70.00	limestone	9.10	15.80	6.70	15.80	9.10	7.30	2.80	51.80	150	0.00	9.10		
870 123046	Lusaka-Urbn	70.00	limestone	3.00	45.70	42.70	12.20	3.00	2.40	18.75	4.18	150	15.00	5.50		
871 142942	Lusaka-Urbn	40.00	schist	16.60	40.00	23.40	0.00	16.60	7.20	0.47	2.07	27.00	150	1.50	17.20	
872 142923	Lusaka-Urbn	45.70	limestone	6.00	30.00	24.00	30.00	6.00	2.00	2.00	40.00	150	0.00	10.00		
873 34787-1	Lusaka-Urbn	56.60	schist	13.10	42.00	26.90	42.00	15.10	0.00	4.50	0.00	150	0.00	14.00	30.00	
874 142917	Lusaka-Urbn	53.30	schist	6.70	21.30	14.60	21.30	6.70	2.40	1.05	2.23	150	0.00	13.20	18.20	
875 142914	Lusaka-Urbn	30.00	schist	3.00	24.40	21.40	9.10	3.00	1.50	2.50	8.47	150	0.00	3.00	29.30	
876 301743	Lusaka-Urbn	50.00	limestone	22.40	40.00	12.60	27.40	0.00	6.10	4.70	27.00	150	0.00	11.20	30.00	
877 30683	Lusaka-Urbn	56.30	quartzite	23.25	35.45	12.19	35.00	23.25	21.00	4.20	0.00	53.00	150	0.00	12.00	
878 3221-1	Lusaka-Urbn	65.00	schist	36.00	65.00	29.00	0.00	36.00	3.00	0.08	0.43	52.00	150	0.00	18.30	
879 3227-1	Lusaka-Urbn	63.00	schist	36.50	58.00	21.40	58.00	36.60	24.40	0.25	0.61	60.00	150	0.00	18.90	
880 3244-1	Lusaka-Urbn	60.00	schist	40.00	60.00	20.00	0.00	40.00	39.10	0.00	0.60	52.00	150	0.00	15.20	
881 3038-2	Lusaka-Urbn	75.00	limestone	22.90	64.00	41.10	64.00	22.90	18.30	1.25	2.11	67.00	150	0.00	18.00	
882 142913	Lusaka-Urbn	61.00	schist	12.20	33.50	21.30	33.50	12.20	3.60	1.00	1.79	51.80	150	0.00	0.00	
883 3181-1	Lusaka-Urbn	48.40	limestone	30.30	48.80	18.30	0.00	30.30	15.50	3.10	8.87	45.70	150	0.00	21.30	
884 3180-1	Lusaka-Urbn	61.00	schist	55.00	41.00	35.50	41.00	55.00	27.40	0.52	1.83	52.00	150	0.00	7.00	
885 3171	Lusaka-Urbn	45.00	schist	13.00	24.40	9.40	24.40	13.00	5.20	6.25	77.10	42.70	150	0.00	8.20	
886 142914	Lusaka-Urbn	61.00	schist	13.70	50.00	36.30	50.00	13.70	3.00	3.75	6.61	52.00	150	0.00	7.00	
887 2911	Lusaka-Urbn	98.00	schist	20.00	90.00	70.00	90.00	20.00	13.40	0.47	0.53	90.00	150	0.00	10.40	
888 3012-1	Lusaka-Urbn	70.00	limestone	36.50	58.00	21.40	36.60	27.40	22.80	22.00	59.00	150	0.00	12.20	24.40	
889 2329-48	Lusaka-Urbn	80.00	schist	10.70	24.40	13.70	24.40	10.70	4.60	1.80	2.49	67.00	150	0.00	18.40	
890 126512	Lusaka-Urbn	55.00	schist	33.50	106.00	72.50	0.00	45.70	0.00	0.11	0.00	0.00	150	0.00	0.00	
891 2916-5	Lusaka-Urbn	45.70	limestone	24.40	30.00	5.60	24.40	9.10	6.10	6.60	21.00	150	0.00	6.70	20.10	
892 3094-1	Lusaka-Urbn	50.00	schist	30.10	47.20	17.10	47.20	30.10	16.50	3.00	8.79	46.00	150	0.00	3.00	
893 1231-2	Lusaka-Urbn	44.00	schist	30.00	44.00	14.00	0.00	10.60	0.75	2.20	40.00	150	0.00	0.00	46.00	
894 3141-1	Lusaka-Urbn	58.00	limestone	13.70	33.50	19.80	33.50	13.70	12.20	5.00	131.00	150	0.00	9.10	24.40	
895 3129-1	Lusaka-Urbn	48.30	limestone	30.50	36.60	6.10	36.60	30.50	27.40	1.60	2.49	67.00	150	0.00	13.70	
896 3157-1	Lusaka-Urbn	60.00	limestone	42.70	60.00	27.30	0.00	42.70	1.50	9.32	52.00	150	0.00	13.40	23.50	
897 3016-1	Lusaka-Urbn	30.00	limestone	8.30	55.00	15.20	46.00	1.50	6.60	143.00	150	0.00	3.60	3.60	46.00	
898 2837-1	Lusaka-Urbn	50.00	granite	22.00	37.80	15.80	22.00	6.00	4.30	1.50	30.00	150	0.00	7.00	24.70	
899 2859-1	Lusaka-Urbn	65.00	schist	18.03	30.00	11.97	30.00	18.30	10.70	0.60	1.26	51.80	150	0.00	18.30	36.60
900 2843-1	Lusaka-Urbn	92.00	limestone	76.20	92.00	15.80	0.00	76.20	19.50	0.01	0.02	85.00	150	0.00	17.60	47.70
901 2892-1	Lusaka-Urbn	30.00	limestone	10.70	30.00	19.30	15.00	10.70	6.10	4.50	22.70	150	0.00	9.38	20.10	
902 2995-1	Lusaka-Urbn	60.00	limestone	35.00	50.00	25.00	35.00	27.40	14.60	5.00	139.00	150	0.00	15.20	31.00	
903 2556	Lusaka-Urbn	75.00	granite	21.00	67.00	46.00	67.00	21.00	5.80	0.41	0.72	55.00	150	0.00	6.00	46.00
904 2558	Lusaka-Urbn	40.00	limestone	21.00	27.00	6.00	27.00	21.00	18.00	2.50	24.00	36.00	150	0.00	12.00	21.00
905 2668-1	Lusaka-Urbn	60.00	schist	10.00	45.00	35.00	45.00	10.00	10.00	5.90	340.00	150	0.00	12.00	36.80	
906 2662-1	Lusaka-Urbn	53.00	schist	10.00	60.00	27.00	60.00	33.00	18.20	2.20	0.47	55.00	150	0.00	22.00	46.00
907 2692-1	Lusaka-Urbn	52.00	limestone	20.00	42.00	22.00	42.00	20.00	15.00	4.50	162.00	150	0.00	14.00	36.00	
908 2632	Lusaka-Urbn	65.00	schist	27.00	30.00	3.00	30.00	27.00	9.00	0.00	45.00	150	0.00	9.00	46.00	
909 2334	Lusaka-Urbn	35.00	limestone	15.00	18.00	3.00	15.00	15.00	10.00	3.00	16.20	150	0.00	12.00	18.00	
910 2639-1	Lusaka-Urbn	60.00	schist	57.00	60.00	3.00	57.00	57.00	10.00	1.00	54.00	150	0.00	3.00	24.00	
911 2379-1	Lusaka-Urbn	49.00	schist	18.00	42.00	32.00	42.00	18.00	1.50	4.70	25.40	150	0.00	12.00	26.00	
912 2322-1	Lusaka-Urbn	61.00	schist	10.00	40.00	30.00	40.00	10.00	6.10	5.80	55.00	150	0.00	15.80	44.00	
913 2416-1	Lusaka-Urbn	38.10	limestone	12.20	27.40	15.20	27.40	12.20	10.70	1.50	205.00	150	0.00	14.30	32.50	
914 3064	Lusaka-Urbn	55.00	schist	38.00	44.00	60.00	30.00	30.00	29.00	2.20	10.30	52.00	150	0.00	29.00	41.00
915 702	Lusaka-Urbn	53.00	schist	11.00	50.00	39.00	11.00	11.00	11.00	5.00	22.70	54.00	150	0.00	12.00	12.00
916 7703	Lusaka-Urbn	75.00	schist	21.00	31.00	20.00	21.00	21.00	1.00	0.70	2.24	70.00	150	0.00	12.00	33.00
917 763	Lusaka-Urbn	50.00	gneiss	20.00	45.00	25.00	20.00	20.00	20.00	7.00	67.20	46.00	150	0.00	21.00	33.00
918 754	Lusaka-Urbn	50.00	limestone	24.00	50.00	25.00	24.00	24.00	16.30	4.20	151.00	150	0.00	27.00	33.00	

Input No	Borehole No	District	Total Depth (m)	Lithology	Thickness of main Aquifer			Groundwater Depth			Plumb Casing			Perforated Casing			
					From (G.L.+m)	To (G.L.+m)	Total Thickness (m)	Main Supply (G.L.+m)	First Struck (G.L.+m)	Static (G.L.+m)	From (G.L.+m)	To (G.L.+m)	Depth of Pump Intake (G.L.-m)	From (G.L.-m)	To (G.L.-m)	Depth of Bottom of Casing (G.L.-m)	
919 703	Lusaka-Urban	85.00	schist	9.00	65.00	56.00	56.00	9.00	3.20	0.04	0.06	62.00	0.00	11.00	2.00	13.00	
920 1939	Lusaka-Urban	55.00	schist	36.00	48.00	12.00	58.00	12.00	6.00	0.47	0.00	51.00	150	6.00	6.40	18.00	
921 447	Lusaka-Urban	75.00	schist	17.00	58.00	31.00	8.00	3.50	22.50	60.00	150	0.00	11.00	0.00	10.00	21.00	
922 1344	Lusaka-Urban	65.00	schist	16.00	49.00	33.00	10.00	2.62	10.80	55.00	150	0.00	16.00	0.00	10.00	26.00	
923 429	Lusaka-Urban	43.00	limestone	1.50	43.00	28.00	15.00	15.00	6.80	10.00	50.80	150	0.00	14.00	0.00	20.00	
924 389	Lusaka-Urban	48.00	limestone	16.00	25.00	7.00	25.00	18.00	7.00	10.00	46.00	150	0.00	10.00	9.00	19.00	
925 359	Lusaka-Urban	48.00	limestone	10.00	25.00	15.00	25.00	19.00	7.00	10.00	46.00	150	0.00	10.00	9.00	19.00	
926 869-3	Lusaka-Urban	75.00	schist	40.00	58.00	18.00	40.00	13.70	8.40	4.50	39.40	200	0.00	6.10	0.00	24.40	
927 2656	Lusaka-Urban	48.10	limestone	15.00	48.10	33.10	15.00	7.00	4.00	8.50	122.00	40.00	152	0.00	15.10	3.30	
928 2637	Lusaka-Urban	52.00	limestone	30.00	52.00	22.00	30.00	21.00	18.00	6.00	42.00	150	0.00	18.00	6.00	24.00	
929 2638	Lusaka-Urban	55.00	schist	3.50	50.00	15.00	35.00	33.00	18.00	6.00	0.00	48.00	152	0.00	17.00	3.00	
930 2639	Lusaka-Urban	65.00	schist	30.00	55.00	25.00	30.00	18.00	15.00	6.00	0.00	54.00	152	0.00	15.00	3.00	
931 2640	Lusaka-Urban	65.00	schist	40.00	60.00	20.00	40.00	24.00	15.00	7.00	0.00	57.00	152	0.00	15.00	3.00	
932 2641	Lusaka-Urban	50.00	limestone	35.00	48.00	13.00	35.00	24.00	21.00	6.00	0.00	45.00	152	0.00	18.00	3.00	
933 2661	Lusaka-Urban	65.00	gravel	7.00	10.00	3.00	10.00	7.00	4.00	6.70	0.00	45.00	150	0.00	21.00	3.00	
934 2710	Lusaka-Urban	35.00	limestone	18.00	24.00	6.00	18.00	15.00	11.60	1.53	30.00	150	0.00	7.60	20.10	27.00	
935 2679	Lusaka-Urban	40.00	meta-schist	20.00	40.00	20.00	20.00	8.00	3.00	11.00	0.00	35.00	150	0.00	18.00	3.00	
936 2686	Lusaka-Urban	33.00	schist	18.00	33.00	15.00	18.00	15.00	8.00	4.30	0.00	24.00	152	0.00	18.00	3.00	
937 2748	Lusaka-Urban	45.80	limestone	27.00	35.00	8.00	27.00	18.00	7.00	4.00	64.00	40.00	150	0.00	5.00	18.00	
938 2770	Lusaka-Urban	42.70	limestone	12.10	33.00	20.90	33.00	12.10	9.30	4.00	216.00	40.00	150	0.00	9.30	33.00	
939 2512	Lusaka-Urban	55.00	limestone	0.00	0.00	0.00	0.00	39.00	40.00	0.30	3.24	51.00	0	0.00	6.00	6.00	
940 2573	Lusaka-Urban	60.00	limestone	24.30	42.60	18.30	24.30	18.20	11.80	4.30	74.30	54.60	150	0.00	18.00	22.00	
941 2542	Lusaka-Urban	65.00	schist	6.00	65.00	59.00	0.00	6.00	3.10	0.20	0.00	60.00	0	0.00	0.00	9.00	
942 2545	Lusaka-Urban	35.00	dolomite	6.00	25.00	19.00	6.00	3.00	3.00	12.00	104.00	27.00	152	0.00	13.00	22.00	
943 2234	Lusaka-Urban	57.00	schist	12.00	6.00	18.00	12.00	3.00	3.00	9.00	0.00	48.00	152	0.00	22.50	22.50	
944 2302	Lusaka-Urban	55.00	schist	12.00	27.00	15.00	12.00	8.00	1.25	0.00	45.00	152	0.00	21.00	24.00	45.00	
945 2258	Lusaka-Urban	45.00	dolomite	20.00	45.00	25.00	20.00	9.00	4.00	37.30	30.50	152	0.00	12.00	12.00	36.00	
946 2258	Lusaka-Urban	68.60	schist	15.00	30.00	15.00	12.00	12.00	3.00	32.40	48.00	150	0.00	25.20	42.40	68.60	
947 NAKOZ	Lusaka-Urban	30.50	schist	16.00	30.00	14.00	0.00	7.60	2.25	0.00	27.40	150	0.00	10.70	16.60	22.20	
948 1258	Lusaka-Urban	62.00	schist	32.60	54.00	11.40	54.00	32.60	15.75	4.00	19.20	58.00	150	0.00	75.00	15.25	46.00
949 NAKOZ	Lusaka-Urban	42.00	limestone	18.00	34.00	16.00	18.00	12.80	8.00	0.00	0.00	51.00	150	0.00	9.00	22.00	46.00
950 3031	Lusaka-Urban	77.00	sand&gravel	13.00	18.00	3.00	15.00	9.00	7.00	1.60	0.00	36.00	150	0.00	23.63	21.37	45.00
951 3229	Lusaka-Urban	68.00	schist	18.00	30.00	12.00	12.00	9.00	4.20	0.00	66.00	168	0.00	12.00	9.00	18.20	
952 3011	Lusaka-Urban	44.20	limestone	18.00	32.00	14.00	18.00	5.00	4.00	11.60	0.00	31.00	168	0.00	5.00	5.00	30.00
953 2992	Lusaka-Urban	55.00	sand&gravel	10.00	55.00	45.00	10.00	5.20	9.00	0.00	51.00	150	0.00	4.40	31.00	55.40	
954 2945	Lusaka-Urban	45.00	limestone	9.00	35.00	26.00	35.00	9.00	8.00	6.70	0.00	42.00	150	0.00	39.00	39.00	40.80
955 2903	Lusaka-Urban	45.00	schist	9.14	18.28	9.14	9.14	10.10	8.00	3.20	16.30	19.62	150	0.00	12.00	12.00	40.30
956 2939	Lusaka-Urban	30.00	schist	11.00	18.00	7.00	11.00	11.00	11.50	4.70	0.00	27.00	150	0.00	9.20	9.00	18.20
957 2950	Lusaka-Urban	43.60	limestone	15.00	43.06	26.06	15.00	7.00	4.00	8.50	45.50	29.60	150	0.00	6.70	33.80	40.50
958 2902	Lusaka-Urban	45.00	schist	12.20	24.80	12.60	24.80	12.20	8.50	1.45	4.11	39.00	150	0.00	7.90	26.20	34.10
959 2845	Lusaka-Urban	45.30	limestone	15.00	45.30	30.00	15.00	9.00	7.20	3.20	23.00	42.00	150	0.00	30.80	40.80	40.80
960 2823	Lusaka-Urban	60.00	limestone	36.60	48.30	12.20	36.60	12.20	6.40	6.60	31.70	49.20	150	0.00	38.50	49.30	49.30
961 2814	Lusaka-Urban	33.50	limestone	12.20	24.50	12.30	12.20	9.40	6.40	30.50	30.50	150	0.00	6.10	12.20	12.20	
962 2812	Lusaka-Urban	45.00	limestone	18.20	38.00	19.70	18.30	19.70	13.40	8.50	40.00	40.00	150	0.00	6.70	33.80	40.50
963 1861	Lusaka-Urban	23.80	limestone	13.60	23.80	10.20	0.00	13.60	2.00	144.00	22.00	152	0.00	0.00	6.70	18.90	
964 3514-1	Lusaka-Urban	70.00	schist	15.20	27.40	12.20	15.20	9.10	5.80	3.50	7.00	20.40	150	0.00	9.10	15.30	24.40
965 3142	Lusaka-Urban	33.00	0.00	0.00	0.00	0.00	0.00	9.00	4.00	1.00	0.00	32.00	150	0.00	12.00	12.00	30.00
966 3135	Lusaka-Urban	35.00	0.00	0.00	0.00	0.00	0.00	19.00	13.00	8.75	168.00	29.00	152	0.00	3.00	27.00	30.00
967 305720	Lusaka-Urban	46.60	schist	24.40	30.50	6.10	24.40	13.40	8.30	3.30	13.10	36.60	150	0.00	0.00	0.00	0.00
968 305721	Lusaka-Urban	60.00	limestone	31.50	48.80	15.30	33.50	18.30	9.30	25.00	106.00	30.70	150	0.00	6.70	12.20	18.90
969 305725	Lusaka-Urban	48.50	limestone	30.00	36.40	6.40	30.00	17.90	9.00	4.00	39.40	150	0.00	6.10	42.70	48.80	48.80
970 305722	Lusaka-Urban	42.70	granite	15.20	42.70	27.50	0.00	15.20	8.20	0.83	2.83	105.00	150	0.00	0.00	0.00	0.00
971 305718	Lusaka-Urban	76.00	limestone	33.50	48.80	15.30	33.50	23.60	8.30	105.00	48.80	150	0.00	21.30	55.00	76.80	76.80
972 305719	Lusaka-Urban	70.00	limestone	18.30	36.50	18.30	18.30	18.30	5.81	0.00	42.70	5.81	0.00	0.00	0.00	0.00	0.00

DB-3-18

Impact No.	Borehole No.	District	Total Depth (m)	Lithology	Thickness of main Aquifer			Groundwater Depth			Perforated Casing		
					From (G.L.-m)	To (G.L.-m)	Total Thickness (G.L.-m)	Main Supply (G.L.-m)	First Shock (G.L.-m)	Sonic (G.L.-m)	From (G.L.-m)	To (G.L.-m)	Diameter (mm)
973	1263-3	Lusaka-Urban	61.00	limestone	12.20	48.00	55.20	12.20	6.70	0.68	17.20	0.00	0.00
974	132222	Lusaka-Urban	45.70	limestone	18.30	30.50	48.80	13.70	9.40	6.60	17.50	1.50	1.80
975	132221	Lusaka-Urban	50.00	limestone	15.20	50.00	64.20	15.20	10.40	0.92	15.20	1.50	0.00
976	142916	Lusaka-Urban	40.00	limestone	9.10	20.50	30.50	9.10	5.20	2.60	16.50	1.50	0.00
977	33662-2	Lusaka-Urban	40.00	limestone	24.40	31.10	6.70	24.40	8.50	5.50	9.00	1.50	0.00
978	33662-3	Lusaka-Urban	26.00	limestone	12.20	27.00	14.80	12.20	7.60	5.50	8.15	1.50	0.00
979	3615-1	Lusaka-Urban	10.00	limestone	36.30	80.00	43.70	0.00	36.30	15.50	0.10	11.10	0.00
980	537	Lusaka-Urban	50.00	quartzite	25.00	36.60	11.60	25.00	16.20	2.50	8.15	1.50	0.00
981	3410-3	Lusaka-Urban	67.00	schist	24.40	31.50	9.10	24.40	16.50	10.00	1.70	1.50	0.00
982	365726	Lusaka-Urban	60.00	limestone	18.30	30.50	48.80	12.20	30.50	9.80	23.00	1.50	0.00
983	3100	Lusaka-Urban	31.00	granite	3.00	9.00	6.00	9.00	3.00	2.50	0.00	1.50	0.00
984	3121	Lusaka-Urban	40.00	granite	18.00	36.00	18.00	18.00	14.60	3.10	0.00	25.00	0.00
985	3110	Lusaka-Urban	40.00	limestone	27.00	30.00	3.00	22.00	11.60	4.04	0.00	15.00	0.00
986	36996	Lusaka-Urban	50.00	limestone	31.00	45.00	14.00	31.00	4.00	2.90	4.10	0.00	20.00
987	3133	Lusaka-Urban	50.00	limestone	19.00	18.00	8.00	18.00	10.00	2.50	1.10	0.00	28.00
988	33665-1	Lusaka-Urban	40.00	limestone	12.10	27.70	15.60	12.30	4.30	1.20	0.00	12.00	0.00
989	2682-9	Lusaka-Urban	61.00	limestone	20.00	61.00	41.00	0.00	20.00	17.00	2.80	1.50	0.00
990	1819	Lusaka-Urban	54.00	schist	18.00	24.00	6.00	18.00	18.00	14.60	2.00	18.80	0.00
991	1818	Lusaka-Urban	40.00	sand&gravel	14.00	18.00	4.00	14.00	11.00	6.70	8.00	1.50	0.00
992	3387-1	Lusaka-Urban	60.00	limestone	24.40	30.50	6.20	24.40	8.50	4.60	4.60	1.50	0.00
993	MAK04	Lusaka-Urban	46.00	limestone	14.00	28.00	14.00	28.00	14.00	10.74	0.00	10.74	0.00
994	MAK05	Lusaka-Urban	12.15	schist	12.15	22.00	9.85	22.00	12.15	7.00	1.00	8.64	0.00
995	3845-6	Lusaka-Urban	48.80	limestone	27.40	48.00	20.60	27.40	9.10	6.10	5.00	16.00	0.00
996	3615-2	Lusaka-Urban	56.60	schist	16.00	36.30	20.70	16.00	6.00	5.40	1.25	1.50	0.00
997	366211	Lusaka-Urban	47.20	limestone	27.00	36.00	9.00	27.00	3.00	2.00	21.00	1.50	0.00
998	366210	Lusaka-Urban	50.00	sand&gravel	5.10	27.00	21.90	27.00	5.10	1.50	10.50	28.50	0.00
999	366212	Lusaka-Urban	45.80	limestone	30.00	42.00	12.00	30.00	5.00	1.00	21.00	107.00	0.00
1000	3848-1	Lusaka-Urban	50.00	limestone	15.20	24.40	9.20	24.40	15.20	5.50	4.00	8.21	0.00
1001	3848-1	Lusaka-Urban	65.00	schist	21.30	48.30	27.50	21.30	18.30	13.10	5.20	0.00	45.70
1002	3842-9	Lusaka-Rural	36.60	schist	19.80	36.60	16.80	30.00	18.00	21.30	0.00	0.00	0.00
1003	3842-8	Lusaka-Rural	48.30	schist	23.00	48.30	25.80	0.00	23.00	5.70	1.38	3.02	0.00
1004	3886-1	Lusaka-Rural	35.00	limestone	18.30	27.40	8.10	18.30	6.10	2.10	0.00	10.50	0.00
1005	366213	Lusaka-Urban	45.00	limestone	24.40	37.00	3.40	24.40	4.60	2.10	0.00	33.50	0.00
1006	3842-10	Lusaka-Urban	45.70	schist	25.90	42.70	16.80	42.70	25.90	21.30	0.80	45.70	0.00
1007	3662-1	Lusaka-Urban	55.00	limestone	30.00	48.00	18.00	30.00	15.00	15.00	20.00	40.00	0.00
1008	3897-1	Lusaka-Urban	50.00	limestone	7.60	45.70	38.10	24.00	5.50	3.50	22.00	42.70	0.00
1009	MAK06	Lusaka-Urban	30.00	schist	6.00	18.00	6.00	18.00	6.00	3.00	0.00	15.40	0.00
1010	MAK07	Lusaka-Urban	30.00	limestone	11.00	24.00	6.00	18.00	6.00	4.20	5.00	68.60	0.00
1011	MAK08	Lusaka-Urban	36.00	limestone	31.50	18.00	13.50	18.00	4.50	3.49	3.21	42.70	0.00
1012	MAK09	Lusaka-Urban	37.00	dolomite	7.00	12.00	5.00	12.00	7.00	9.80	1.20	32.35	0.00
1013	MAK10	Lusaka-Urban	36.00	limestone	18.00	24.00	6.00	18.00	6.00	4.00	6.00	36.00	0.00
1014	1958	Lusaka-Urban	63.00	limestone	11.00	31.00	20.00	11.00	2.00	1.50	0.50	1.44	0.00
1015	2031F	Lusaka-Urban	67.00	sand&gravel	23.00	47.00	4.00	23.00	20.00	14.40	4.50	64.00	0.00
1016	MAK12	Lusaka-Urban	75.00	limestone	11.00	18.00	7.00	18.00	11.00	7.80	1.00	13.90	0.00
1017	MAK13	Lusaka-Urban	62.00	limestone	12.00	18.00	6.00	18.00	12.00	5.20	3.00	19.20	0.00
1018	MAK15	Lusaka-Urban	21.00	sand&gravel	8.00	12.00	4.00	12.00	8.00	3.17	4.20	109.00	0.00
1019	MAK14	Lusaka-Urban	30.00	limestone	6.00	9.00	3.00	9.00	6.00	4.00	6.00	15.00	0.00
1020	MAK16	Lusaka-Urban	32.00	schist	0.00	0.00	0.00	12.00	9.00	7.20	4.20	0.00	16.20
1021	3675-2	Lusaka-Urban	75.00	limestone	76.00	45.70	38.10	45.70	7.60	4.20	5.00	42.70	0.00
1022	3662-4	Lusaka-Urban	50.00	limestone	21.20	43.90	22.70	21.20	9.00	7.30	8.00	286.00	0.00
1023	3681-1	Lusaka-Urban	65.00	limestone	6.30	50.00	43.70	50.00	6.30	5.00	17.30	15.00	0.00
1024	3683-1	Lusaka-Urban	45.00	limestone	27.00	36.00	9.00	27.00	11.30	5.10	0.00	42.70	0.00
1025	3662-3	Lusaka-Urban	20.00	limestone	13.00	20.00	6.00	20.00	6.00	4.00	26.00	200.00	0.00
1026	3691-1	Lusaka-Urban	45.70	limestone	12.20	40.00	27.80	12.20	7.90	3.00	15.00	95.00	0.00

Input No	Borehole No	District	Depth (m)	Thickness of main Aquifer			Groundwater Depth			Plain Casing			Perforated Casing				
				Total (G.L.m)	Lithology	From (G.L.m)	To (G.L.m)	TowI Thickness (G.L.m)	Main Supply (G.L.m)	First Strata (G.L.m)	Static (G.L.m)	Yield (l/s)	Specific Capacity (m3/day)	Depth of Pump Intake (G.L.m)	From (G.L.m)	To (G.L.m)	
1027	3638-1	Lusaka-Urbn	35.00	schist	6.60	13.0	6.30	15.10	6.00	2.10	0.63	2.83	24.20	1.90	0.00	7.80	
1028	3629-1	Lusaka-Urbn	70.00	schist	36.60	40.00	3.40	36.60	18.30	17.70	1.80	5.00	48.80	1.50	0.00	15.40	
1029	2102	Lusaka-Urbn	50.00	dolomite	5.50	50.00	44.50	0.00	5.50	0.00	8.00	2300.00	45.00	1.50	0.00	6.00	
1030	BPO1	Lusaka-Urbn	49.00	schist	3.00	18.00	15.00	18.00	3.00	0.00	0.20	48.00	1.52	0.00	15.00	12.00	
1031	3615-2	Lusaka-Urbn	60.00	schist	30.50	45.00	14.50	30.50	12.20	4.80	1.80	3.53	48.80	1.50	0.00	12.80	
1032	3144	Lusaka-Urbn	40.00	schist	4.00	40.00	36.00	40.00	4.00	1.50	4.00	0.00	30.00	1.52	0.00	10.00	
1033	3581-1	Lusaka-Urbn	61.00	schist	6.10	12.20	6.10	12.20	6.10	3.30	0.41	0.90	42.70	1.50	0.00	6.10	
1034	3426-1	Lusaka-Urbn	46.00	limestone	30.00	40.00	10.00	40.00	30.00	7.00	5.60	37.20	36.00	1.50	0.00	9.00	
1035	3304-1	Lusaka-Urbn	60.00	limestone	4.30	24.70	24.30	4.30	4.30	1.50	8.30	341.00	52.00	1.50	0.00	4.30	
1036	2958-1	Lusaka-Urbn	40.00	schist	6.00	36.00	30.00	36.60	6.00	2.00	0.91	2.31	36.00	1.50	0.00	0.00	
1037	2690-1	Lusaka-Urbn	60.00	schist	18.00	40.00	22.00	18.00	10.00	2.80	12.90	48.00	1.50	0.00	10.30	12.00	
1038	2236	Lusaka-Urbn	40.00	schist	4.00	15.00	11.00	15.00	4.00	2.00	5.00	0.80	36.00	1.50	0.00	12.00	
1039	3441	Lusaka-Urbn	30.00	limestone	20.00	30.00	10.00	20.00	6.00	4.30	10.00	2880.00	27.50	1.50	0.00	6.50	
1040	3446	Lusaka-Urbn	47.00	sand/gravel	8.00	47.00	39.00	8.00	8.00	4.70	2.50	20.40	15.10	1.50	0.00	8.00	
1041	369	Lusaka-Urbn	55.00	schist	9.00	55.00	46.00	55.00	9.00	4.60	0.44	0.44	50.00	1.50	0.00	18.00	
1042	077-1	Lusaka-Urbn	18.28	schists	0.20	18.28	18.28	8.00	14.00	3.30	2.80	20.70	15.00	1.50	0.00	0.00	
1043	CH001	Lusaka-Urbn	55.00	schist	24.00	55.00	31.00	24.00	24.00	12.80	1.50	7.32	54.00	0	0.00	0.00	
1044	CH002	Lusaka-Rural	54.00	clay	7.00	18.00	11.00	18.00	7.00	3.86	3.50	13.10	49.00	1.52	0.00	15.00	
1045	3526-1	Lusaka-Urbn	60.00	schist	6.00	40.00	34.00	40.00	6.00	3.00	1.80	3.31	50.00	1.50	0.00	13.00	
1046	3132	Lusaka-Rural	49.00	gneiss	27.00	30.00	3.00	27.00	24.00	10.00	0.60	0.00	47.00	1.50	0.00	20.00	
1047	CH003	Lusaka-Rural	45.00	schist	10.00	45.00	35.00	0.00	45.00	0.08	0.18	0.00	0.00	0	0.00	0.00	
1048	2222	Lusaka-Rural	65.00	quartzite	45.00	60.00	15.00	45.00	2.00	2.00	0.83	1.33	60.00	1.50	0.00	10.00	
1049	2453	Lusaka-Rural	60.00	schist	0.00	0.00	0.00	0.00	33.00	7.00	3.80	0.75	1.22	57.00	1.50	0.00	5.25
1050	2221	Lusaka-Urbn	60.00	schist	0.00	0.00	0.00	0.00	36.00	12.00	6.00	0.66	1.12	57.00	1.50	0.00	12.00
1051	2317-1	Lusaka-Urbn	75.00	schist	24.00	61.00	37.00	24.00	24.00	10.00	4.50	0.87	3.37	30.00	1.50	0.00	23.70
1052	2049	Lusaka-Rural	75.00	schist	35.00	75.00	40.00	35.00	35.00	19.10	4.20	27.50	20.00	1.50	0.00	30.00	
1053	2009	Lusaka-Rural	65.00	schist	0.00	0.00	0.00	0.00	46.00	19.00	13.00	6.02	104.00	60.00	1.50	0.00	24.00
1054	1308	Lusaka-Urbn	64.60	schist	15.20	39.60	13.20	39.60	13.20	5.20	1.00	1.73	61.00	1.50	0.00	6.10	
1055	902-1	Lusaka-Rural	52.00	schist	47.00	52.00	5.00	47.00	0.00	3.00	0.68	1.40	45.00	1.50	0.00	6.80	
1056	997-1	Lusaka-Rural	75.00	schist	36.00	55.00	19.00	36.00	18.20	7.50	0.41	0.57	70.00	1.50	0.00	16.00	
1057	LUSC1	Lusaka-Urbn	37.00	schist	31.00	36.00	5.00	31.00	31.00	25.00	1.40	1210.00	36.00	1.50	0.00	13.00	
1058	LUSC2	Lusaka-Urbn	30.00	schist	22.00	30.00	8.00	22.00	22.00	19.00	1.00	53.70	27.00	1.52	0.00	18.00	
1059	MAR1	Lusaka-Urbn	36.00	schist	0.00	0.00	0.00	0.00	24.00	18.00	15.30	1.40	0.00	30.00	1.50	0.00	29.00
1060	LUSC3	Lusaka-Urbn	79.50	schist	38.00	62.00	24.00	62.00	38.00	10.37	2.50	5.33	78.00	1.50	0.00	18.30	
1061	LUSC4	Lusaka-Urbn	36.00	limestone	24.50	27.00	2.50	27.00	24.00	17.10	3.30	460.00	33.00	1.52	0.00	30.80	
1062	LUSC5	Lusaka-Urbn	34.00	limestone	20.00	30.00	10.00	30.00	20.00	18.80	1.50	49.80	30.00	1.50	0.00	25.00	
1063	LUSC6	Lusaka-Urbn	43.00	limestone	13.00	24.00	11.00	24.00	13.00	0.00	0.00	0.00	39.00	1.50	0.00	18.00	
1064	LUSC7	Lusaka-Urbn	31.00	schist	27.00	30.00	3.00	30.00	27.00	22.20	1.00	19.60	30.00	1.55	0.00	12.00	
1065	LUSC9	Lusaka-Urbn	69.00	schist	37.00	67.00	42.00	67.00	37.00	23.70	0.40	1.61	60.00	1.52	0.00	24.00	
1066	LUSC10	Lusaka-Urbn	43.50	limestone	24.00	29.00	5.00	24.00	21.00	15.80	0.00	0.00	376.00	0	0.00	30.00	
1067	LUSC11	Lusaka-Urbn	18.00	limestone	18.00	21.00	3.00	18.00	18.00	15.00	0.80	41.00	36.00	1.50	0.00	18.00	
1068	LUSC12	Lusaka-Urbn	62.00	schist	37.00	41.00	4.00	37.00	21.70	0.45	1.37	54.00	1.50	0.00	16.00	31.00	
1069	LUSC13	Lusaka-Urbn	43.00	limestone	38.00	55.00	3.00	38.00	38.00	21.10	0.20	518.00	39.00	1.52	0.00	12.00	
1070	LUSC14	Lusaka-Urbn	24.00	dolomite	15.00	18.00	3.00	18.00	15.00	13.25	0.30	19.20	21.00	1.52	0.00	12.00	
1071	LUSC15	Lusaka-Urbn	45.80	limestone	10.00	30.00	21.00	24.00	15.80	0.00	0.00	0.00	1.61	0.00	0.00	18.00	
1072	LUSC16	Lusaka-Urbn	65.00	limestone	15.00	65.00	45.00	0.00	45.00	13.00	2.00	8.07	40.00	1.50	0.00	6.80	
1073	2642	Lusaka-Urbn	30.00	limestone	18.00	21.00	3.00	18.00	18.00	15.00	0.00	0.00	45.00	56.20	1.52	0.00	22.30
1074	2649	Lusaka-Urbn	50.00	schist	0.00	0.00	0.00	0.00	24.00	22.00	16.90	5.10	51.20	48.00	1.50	0.00	7.00
1075	2996	Lusaka-Urbn	35.00	schist	0.00	0.00	0.00	0.00	18.00	18.00	18.00	0.00	30.90	33.00	1.50	0.00	9.20
1076	2863	Lusaka-Urbn	36.00	schist	0.00	0.00	0.00	0.00	12.00	12.00	9.10	4.20	137.00	33.00	1.52	0.00	12.00
1077	2642	Lusaka-Urbn	10.00	limestone	10.00	10.00	0.00	10.00	10.00	9.00	0.00	0.00	40.00	13.00	1.50	0.00	12.80
1078	2691	Lusaka-Urbn	10.00	limestone	10.00	10.00	0.00	10.00	10.00	9.00	0.00	0.00	40.00	13.00	1.50	0.00	13.00
1079	2562	Lusaka-Urbn	10.00	limestone	10.00	10.00	0.00	10.00	10.00	9.00	0.00	0.00	40.00	13.00	1.50	0.00	13.00
1080	LW10	Lusaka-Urbn	10.00	limestone	10.00	10.00	0.00	10.00	10.00	9.00	0.00	0.00	40.00	13.00	1.50	0.00	12.00



Input No.	Borehole No.	District	Total Depth (m)	Lithology	Thickness of main Aquifer			Groundwater Depth			Specific Yield (Vs)	Capacity (m³/day)	Depth of Pump-Intake (m)	Diameter (mm)	From (G.L.+m)	To (G.L.+m)	Plain Casing (G.L.+m)	Perforated Casing (G.L.+m)	Depth of Bottom of Casing (G.L.+m)
					From (G.L.+m)	To (G.L.+m)	Total Thickness (m)	Main Supply (G.L.+m)	Firm Struck Static (G.L.+m)	From (G.L.+m)									
1081	LW11	Lusaka-Urbn	35.00	30.40 limestone	0.00	0.00	0.00	21.50	6.50	1.50	9.32	132	0.00	9.00	9.00	12.00	21.00		
1082	LW12	Lusaka-Urbn	37.00	28.50 limestone	24.00	28.00	4.00	24.00	8.50	4.20	9.10	150	0.00	5.00	6.00	11.00	11.00		
1083	LW13	Lusaka-Urbn	52.00	52.00 limestone	27.00	52.00	25.00	0.00	14.00	8.60	8.00	157.00	152	0.90	22.32	14.68	37.00		
1084	208410	Lusaka-Urbn	70.00	65.00 limestone	21.00	42.00	21.00	27.00	21.00	2.00	14.40	48.00	152	0.00	25.50	7.00	32.50		
1085	21110A	Lusaka-Urbn	65.00	60.00 limestone	36.60	51.80	15.20	36.60	3.50	6.00	259.00	56.00	150	0.00	20.00	10.00	30.00		
1086	3802-1	Lusaka-Urbn	50.00	50.00 limestone	21.20	36.30	15.10	21.20	2.40	4.60	400.00	45.70	150	0.00	6.40	31.40	37.80		
1087	3662-8	Lusaka-Urbn	47.20	47.20 limestone	12.20	24.40	12.20	12.20	5.20	3.00	30.00	252.00	33.00	150	0.00	24.00	24.00	33.00	
1088	331915	Lusaka-Rural	70.00	70.00 limestone	29.50	58.00	28.40	42.70	29.50	21.00	10.30	48.80	150	0.00	18.90	12.20	31.10		
1089	3818-4	Lusaka-Urbn	45.70	45.70 limestone	12.20	31.10	18.90	25.60	12.20	3.00	6.25	415.00	36.60	150	0.00	10.00	15.25	25.20	
1090	331912	Lusaka-Urbn	50.00	40.00 limestone	12.70	40.00	28.40	24.40	12.50	3.30	6.00	45.70	150	0.00	15.20	30.40	10.70		
1091	3863-1	Lusaka-Urbn	41.00	41.00 limestone	28.20	40.00	11.70	28.30	8.30	4.10	208.00	36.60	150	0.00	1.00	1.00	1.00		
1092	305714	Lusaka-Urbn	50.00	48.80 schist	10.00	15.00	15.00	10.00	6.30	1.75	0.00	0.00	0	0.00	0.00	0.00	0.00		
1093	3842-7	Lusaka-Rural	45.70	45.70 limestone	10.00	21.20	11.30	10.00	6.10	5.20	6.60	950.00	150	0.00	6.10	21.30	27.40		
1094	331916	Lusaka-Urbn	50.00	50.00 limestone	14.20	59.00	35.80	28.50	14.20	5.80	4.50	389.00	45.00	150	0.00	13.20	12.00	25.20	
1095	305711	Lusaka-Urbn	40.00	40.00 limestone	13.70	40.00	26.30	35.00	13.70	7.00	4.00	70.50	16.60	150	0.00	10.70	10.70	10.70	
1096	305716	Lusaka-Urbn	60.00	60.00 limestone	33.00	55.00	22.00	33.00	14.80	10.00	4.50	45.00	150	0.00	17.20	21.30	18.50		
1097	337021	Lusaka-Urbn	50.00	50.00 limestone	9.10	30.50	21.40	9.10	1.50	0.00	0.00	0.00	150	0.00	7.50	12.20	20.10		
1098	3922-1	Lusaka-Urbn	51.50	51.50 limestone	24.20	39.30	15.10	33.00	24.20	17.80	4.10	72.30	150	0.00	13.00	15.10	28.10		
1099	3057-7	Lusaka-Urbn	41.00	41.00 limestone	9.10	41.00	31.90	23.80	90.00	7.00	4.70	94.40	150	0.00	9.00	23.00	32.00		
1100	305718	Lusaka-Urbn	60.00	60.00 limestone	36.30	55.00	18.70	36.30	17.80	15.10	21.00	206.00	39.30	150	0.00	15.10	6.10	21.20	
1101	337019	Lusaka-Urbn	19.60	44.00 limestone	19.60	44.00	24.40	24.20	19.60	12.40	13.00	40.70	0	0.00	0.00	0.00	0.00		
1102	300043	Lusaka-Urbn	45.00	45.00 limestone	21.20	27.00	5.80	24.20	21.20	12.10	21.00	3020.00	34.50	150	0.00	15.20	21.20		
1103	300042	Lusaka-Urbn	72.00	72.00 limestone	40.00	51.80	11.80	51.80	40.00	13.00	4.30	11.00	51.80	150	0.00	11.30	11.30		
1104	3818-8	Lusaka-Urbn	41.00	41.00 limestone	13.70	29.30	15.60	29.30	13.70	6.10	4.50	17.20	33.50	150	0.00	6.10	29.50	36.50	
1105	305717	Lusaka-Urbn	40.00	40.00 limestone	15.10	27.00	11.90	24.20	15.10	11.50	21.00	1510.00	30.00	150	0.00	2.00	8.90	10.90	
1106	300043	Lusaka-Urbn	20.00	20.00 dolomite	15.00	18.00	3.00	15.00	13.00	11.40	1.30	225.00	18.00	150	0.00	7.00	12.00	19.00	
1107	LW14	Lusaka-Urbn	30.00	30.00 schist	18.00	21.00	3.00	18.00	18.00	9.00	1.00	10.90	12.00	152	0.00	12.00	12.00	27.00	
1108	LW15	Lusaka-Urbn	36.00	36.00 limestone	10.00	36.00	26.00	9.00	3.00	0.50	4.20	18.20	33.00	152	0.00	18.00	36.00	36.00	
1109	LW16	Lusaka-Urbn	14.00	14.00 limestone	7.50	10.00	2.50	70.00	7.50	3.40	864.00	152	0.00	2.00	12.00	14.00	14.00		
1110	LW17	Lusaka-Urbn	30.00	24.00 limestone	22.00	24.00	2.00	22.00	18.00	7.90	4.00	24.00	150	0.00	12.00	18.00	30.00		
1111	LW1	Lusaka-Urbn	18.00	18.00 limestone	14.00	18.00	4.00	14.00	6.00	2.70	10.50	0.00	15.00	154	0.00	1.50	15.00	16.00	
1112	LW02	Lusaka-Urbn	57.00	84.00 schist	48.00	64.00	16.00	48.80	24.00	0.00	0.60	72.00	152	0.00	12.00	12.00	24.00		
1113	LW03	Lusaka-Urbn	70.00	70.00 schist	6.00	12.00	6.00	6.00	12.00	0.00	27.00	775.00	27.00	150	0.00	6.00	12.00		
1114	LW07	Lusaka-Urbn	45.80	45.80 limestone	27.00	31.00	6.00	27.00	15.00	13.10	6.60	24.90	0.00	15.00	152	0.00	12.00		
1115	356812	Lusaka-Urbn	50.00	50.00 schist	11.00	26.00	15.00	11.00	8.50	5.80	22.50	319.00	150	0.00	3.00	24.40	27.40		
1116	337015	Lusaka-Urbn	46.60	0.00	0.00	0.00	0.00	27.00	6.00	5.00	5.00	13.90	150	0.00	15.00	31.00	30.00		
1117	3693-1	Lusaka-Urbn	53.00	25.00 limestone	25.00	27.00	2.00	25.00	25.00	9.00	21.00	87.70	150	0.00	21.50	45.70	52.50		
1118	3076-6	Lusaka-Urbn	51.00	25.00 limestone	25.00	27.00	2.00	27.00	25.00	9.00	21.00	86.00	45.00	150	0.00	11.00	11.00		
1119	2303M	Lusaka-Urbn	44.00	44.00 quartzite	27.00	35.00	8.00	27.00	25.00	9.00	25.00	25.00	150	0.00	12.00	12.00	21.00		
1120	1825M	Lusaka-Urbn	70.00	58.00 schist	48.90	58.00	9.10	48.90	45.00	1.17	16.80	60.00	10.00	150	0.00	24.00	36.00		
1121	2324-2	Lusaka-Urbn	45.00	60.00 schist	34.00	48.00	14.00	34.00	29.00	2.70	0.00	60.00	155	0.00	31.00	31.00	31.00		
1122	3077	Lusaka-Urbn	61.80	61.80 schist	27.00	48.80	21.40	48.80	27.40	24.40	0.68	21.13	55.00	150	0.00	13.40	32.30		
1123	2943	Lusaka-Urbn	61.00	61.00 schist	15.20	30.50	15.30	15.20	6.10	2.50	4.16	58.00	150	0.00	6.00	18.40	48.80		
1124	2944	Lusaka-Urbn	63.00	63.00 schist	10.70	18.70	24.40	24.40	10.70	10.70	4.80	67.00	150	0.00	11.00	12.00	24.40		
1125	2942	Lusaka-Urbn	80.00	80.00 schist	18.30	70.00	51.20	18.30	9.10	1.00	2.16	70.00	150	0.00	12.10	23.10			
1126	2967	Lusaka-Urbn	36.60	42.70 schist	36.60	42.70	6.10	36.60	11.60	3.00	1.42	67.00	150	0.00	8.30	38.80			
1127	2973	Lusaka-Urbn	61.60	48.80 schist	27.40	48.80	21.40	48.80	21.40	1.05	1.42	67.00	150	0.00	13.40	32.30	45.70		
1128	2913	Lusaka-Urbn	61.00	61.00 schist	27.40	48.80	21.40	48.80	21.40	1.05	1.42	67.00	150	0.00	12.10	23.10	46.10		
1129	2998	Lusaka-Urbn	64.00	64.00 schist	27.40	48.80	21.40	48.80	21.40	1.05	1.42	67.00	150	0.00	12.10	23.10	46.10		
1130	2801	Lusaka-Urbn	64.00	64.00 schist	48.80	48.80	7.60	48.80	36.60	32.00	1.00	1.42	67.00	150	0.00	12.10	23.10	46.10	
1131	2903	Lusaka-Urbn	75.00	75.00 schist	36.60	42.70	6.10	42.70	11.60	3.00	1.42	67.00	150	0.00	8.30	38.80			
1132	2786	Lusaka-Urbn	61.00	61.00 schist	27.40	48.80	21.40	48.80	21.40	1.05	1.42	67.00	150	0.00	13.40	32.30	45.70		
1133	232911	Lusaka-Urbn	64.00	64.00 schist	48.80	48.80	7.60	48.80	36.60	32.00	1.00	1.42	67.00	150	0.00	12.10	23.10	46.10	
1134	126514	Lusaka-Urbn	64.00	64.00 schist	48.80	48.80	7.60	48.80	36.60	32.00	1.00	1.42	67.00	150	0.00	12.10	23.10	46.10	

Input No	Borehole No	District	Depth (m)	Thickness of main Aquifer			Groundwater Depth			Plain Casing			Perforated Casing			Depth of Bottom of Casing (C.L.-m)	
				Total (G.L.-m)	From (G.L.-m)	To (G.L.-m)	Main Supply (G.L.-m)	First Stock (G.L.-m)	Static (G.L.-m)	From (G.L.-m)	To (G.L.-m)	Diameter (mm)	Depth of Pump Inlet (C.L.-m)	Specific Capacity (m³/day)	From (G.L.-m)	To (G.L.-m)	
1135 2653	Lansaka-Uphar	30.00	limestone	21.30	35.00	33.70	21.30	6.10	5.20	0.00	33.00	130	0.00	6.10	6.70	12.80	
1136 2652	Lansaka-Uphar	70.00	limestone	36.00	45.00	11.00	0.00	36.00	3.30	0.47	0.72	130	0.00	6.00	4.00	10.00	
1137 2989-1	Lansaka-Uphar	40.00	schist	9.10	25.90	35.00	9.10	7.60	1.30	3.95	16.60	130	0.00	16.60	23.40	41.00	
1138 2651	Lansaka-Uphar	61.00	limestone	24.00	45.00	21.00	24.00	5.00	6.60	4.80	200	0.00	6.00	0.00	6.00	6.00	
1139 2735-1	Lansaka-Uphar	60.00	schist	18.20	50.00	32.00	18.00	18.00	1.60	0.83	2.24	150	0.00	13.00	38.50	50.30	
1140 2324-1	Lansaka-Uphar	60.00	schist	30.00	60.00	30.00	30.00	7.30	0.29	0.53	55.00	150	0.00	30.00	21.80	51.80	
1141 2348-1	Lansaka-Uphar	61.00	schist	25.00	42.00	27.00	25.00	13.10	0.80	1.61	57.00	150	0.00	18.30	18.30	36.60	
1142 986-1	Lansaka-Uphar	70.00	schist	30.00	55.00	25.00	30.00	20.00	0.20	0.38	65.00	150	0.00	24.00	15.00	39.00	
1143 911-1	Lansaka-Uphar	60.96	schist	30.40	54.80	24.40	30.40	21.30	2.60	4.90	57.90	150	0.00	24.68	20.48	55.16	
1144 LS100	Lansaka-Uphar	55.00	limestone	27.00	50.00	23.00	27.00	20.30	1.00	5.68	48.00	152	0.00	12.00	12.00	12.00	
1145 LS101	Lansaka-Uphar	37.00	limestone	22.00	24.00	2.00	22.00	16.00	14.00	5.83	387.00	0	0.00	13.00	0.00	37.00	
1146 LS102	Lansaka-Uphar	24.00	limestone	18.00	21.00	3.00	18.00	6.00	3.40	21.00	152	0.00	6.00	15.00	21.00	21.00	
1147 2925A	Lansaka-Uphar	35.00	limestone	0.00	0.00	9.00	6.00	4.00	4.30	743.00	30.00	150	0.00	11.00	17.00	17.00	
1148 1986B	Lansaka-Uphar	60.00	limestone	9.30	41.00	31.90	9.50	5.50	2.70	1.50	56.40	200	0.00	5.00	16.00	21.00	
1149 1915C	Lansaka-Uphar	55.00	limestone	11.50	49.00	37.30	11.50	11.00	1.80	1.30	11.00	50.00	0	0.00	10.00	12.00	21.00
1150 1888-B	Lansaka-Uphar	57.00	limestone	11.50	50.00	36.30	11.50	9.30	1.40	1.20	42.00	35.00	0	0.00	8.00	6.00	14.00
1151 1905-P	Lansaka-Uphar	60.00	limestone	8.30	37.00	28.30	17.00	8.50	1.75	3.00	6.83	55.00	150	0.00	8.00	13.00	21.00
1152 3007-1	Lansaka-Uphar	56.40	limestone	10.70	41.20	30.30	41.20	10.70	8.10	0.87	2.17	42.70	150	0.00	3.00	8.00	11.00
1153 3158	Lansaka-Uphar	34.00	limestone	15.00	18.00	3.00	7.00	7.00	9.00	6.60	0.00	27.00	150	0.00	17.00	20.00	20.00
1154 2431-9	Lansaka-Uphar	27.20	limestone	9.10	16.50	7.40	9.10	4.60	5.50	3.30	23.00	18.30	150	0.00	14.60	17.20	17.20
1155 3236-1	Lansaka-Uphar	61.00	schist	15.20	45.70	30.50	15.20	10.70	2.40	1.35	2.69	45.70	150	0.00	9.10	12.20	21.30
1156 2986	Lansaka-Uphar	52.00	limestone	39.00	52.00	36.00	39.00	21.00	3.30	5.00	42.00	150	0.00	15.00	21.00	26.00	
1157 3170-1	Lansaka-Uphar	33.50	limestone	5.20	24.40	19.20	24.40	5.20	20.10	5.50	11.00	30.50	150	0.00	20.10	20.10	20.10
1158 2784-2	Lansaka-Uphar	90.00	limestone	42.70	50.00	47.30	50.00	42.70	18.30	0.25	0.40	73.00	150	0.00	10.00	10.00	10.00
1159 2990-4	Lansaka-Uphar	68.00	schist	30.90	53.00	21.00	30.90	25.90	24.40	1.17	3.95	50.00	150	0.00	16.00	17.30	53.30
1160 2990-2	Lansaka-Uphar	75.00	limestone	21.30	61.00	39.70	61.00	21.30	21.30	4.50	13.10	51.00	150	0.00	20.10	13.40	33.50
1161 2990-3	Lansaka-Uphar	68.00	limestone	36.00	60.00	24.00	36.00	27.40	21.60	3.30	21.00	58.00	150	0.00	6.20	44.40	50.60
1162 2775	Lansaka-Uphar	75.00	schist	33.50	42.70	9.20	42.70	33.50	30.00	2.00	5.67	61.00	150	0.00	30.50	14.50	45.00
1163 2804	Lansaka-Uphar	68.00	limestone	36.00	60.00	24.00	36.00	27.00	21.60	3.30	21.00	58.00	150	0.00	6.20	44.40	50.60
1164 2809	Lansaka-Uphar	64.00	schist	25.90	30.53	4.63	30.53	25.90	24.40	1.17	3.95	50.00	150	0.00	16.00	37.30	53.30
1165 2777	Lansaka-Uphar	75.00	schist	36.50	75.00	38.40	36.60	28.00	28.00	0.41	0.84	70.00	150	0.00	12.80	22.20	35.00
1166 2992-J	Lansaka-Uphar	60.00	limestone	24.00	45.00	21.00	24.00	7.60	3.00	4.70	15.00	48.00	150	0.00	7.90	20.40	28.30
1167 1240-4	Lansaka-Uphar	30.00	limestone	15.20	21.30	6.10	21.30	15.20	6.10	4.50	38.50	150	0.00	7.00	15.60	22.60	
1168 2854-1	Lansaka-Uphar	75.00	limestone	24.00	62.00	38.00	24.00	9.10	5.00	11.10	48.00	150	0.00	7.50	18.90	26.20	
1169 2653	Lansaka-Uphar	70.00	schist	45.00	63.00	33.00	45.00	31.00	4.66	1.87	63.00	150	0.00	20.00	32.00	52.00	
1170 2839	Lansaka-Uphar	45.00	schist	34.90	45.00	11.00	45.00	34.00	5.80	0.20	0.48	42.00	150	0.00	6.00	6.00	6.00
1171 2805-3	Lansaka-Uphar	90.00	schist	21.00	90.00	69.00	90.00	21.00	2.70	0.20	0.35	51.80	150	0.00	9.10	18.30	27.40
1172 2761	Lansaka-Uphar	75.00	limestone	21.00	61.00	39.70	61.00	21.30	21.30	4.50	13.10	51.00	150	0.00	20.10	13.40	33.50
1173 2809-1	Lansaka-Uphar	75.00	schist	33.50	61.00	27.50	33.50	21.30	21.30	4.50	13.10	51.00	150	0.00	15.60	26.20	42.70
1174 2889-1	Lansaka-Uphar	70.00	limestone	40.00	60.00	20.00	40.00	32.00	4.60	25.00	270.00	200	0.00	1.20	1.20	25.00	
1175 2752	Lansaka-Uphar	75.00	limestone	33.50	61.00	27.50	33.50	21.30	21.30	4.50	20.70	55.00	150	0.00	15.80	42.40	42.40
1176 2764-1	Lansaka-Uphar	65.00	schist	10.00	40.00	30.00	40.00	10.00	4.00	2.00	3.93	50.00	150	0.00	6.00	34.00	40.00
1177 2744	Lansaka-Uphar	75.00	schist	9.00	30.00	21.00	9.00	3.00	0.93	36.00	150	0.00	21.00	9.00	30.00	10.50	
1178 2809-1	Lansaka-Uphar	40.00	limestone	21.00	33.00	12.00	21.00	6.00	5.20	32.00	30.00	150	0.00	6.00	12.00	18.00	
1179 2750-1	Lansaka-Uphar	25.00	schist	23.00	53.00	11.00	25.00	15.00	5.50	6.25	137.00	150	0.00	13.00	12.00	25.00	
1180 2704-1	Lansaka-Uphar	36.50	limestone	21.30	46.00	36.10	21.30	16.30	6.60	4.00	30.00	150	0.00	4.60	4.60	4.60	
1181 2762-2	Lansaka-Uphar	37.50	limestone	11.00	16.00	5.00	21.00	11.00	10.70	14.00	0.00	29.29	150	0.00	10.50	20.00	30.50
1182 2822	Lansaka-Uphar	55.00	limestone	31.50	48.00	14.50	48.00	25.70	10.50	0.93	907.00	51.00	0.00	35.50	6.00	41.50	
1183 280C	Lansaka-Uphar	75.00	schist	34.00	41.00	75.00	34.00	34.00	0.33	1.03	71.00	150	0.00	30.00	8.30	38.30	
1184 2663	Lansaka-Uphar	70.00	quartzite	26.00	53.00	31.00	22.00	22.00	5.40	2.21	5.82	67.00	150	0.00	18.00	18.00	25.00
1185 1838	Lansaka-Uphar	36.00	schist	17.00	32.00	15.00	44.00	26.00	6.00	2.70	6.67	69.50	150	0.00	14.50	14.50	14.50
1186 2704	Lansaka-Uphar	36.00	schist	46.20	42.00	9.00	33.00	17.00	7.00	1.00	12.30	32.00	150	0.00	17.00	0.00	17.00
1187 1041-1	Lansaka-Uphar	32.00	schist	18.00	30.00	12.00	30.00	18.00	0.00	0.00	0.00	27.00	150	0.00	15.20	15.20	20.00
1188 1064-C	Lansaka-Uphar	32.00	schist	18.00	30.00	12.00	30.00	18.00	0.00	0.00	0.00	27.00	150	0.00	0.00	0.00	20.00



Input No	Borehole No	District	Total Depth (m)	Lithology	Thickness of main Aquifer			Groundwater Depth (G.L.-m)	Static Head (G.L.-m)	Yield (l/s)	Specific Capacity (m³/day)	Depth of Pump Intake (G.L.-m)	Diameter (mm)	Plain Casing (G.L.-m)	From (G.L.-m)	To (G.L.-m)	Perforated Casing (G.L.-m)	From (G.L.-m)	To (G.L.-m)	Depth of Bottom of Casing (G.L.-m)
					From (G.L.-m)	To (G.L.-m)	Total Thickness (cm)													
1359	T021-1	Lusaka-Urban	80.00	limestone	36.00	72.00	34.00	78.00	77.00	5.00	108.00	73.00	150	0.00	20.50	60.00	30.50	80.50	42.00	
1190	LUS02	Lusaka-Urban	42.00		0.00	0.00	0.00	120.00	122.00	9.20	144.00	8.55	152	0.00	12.00	5.00	15.00	20.00	20.00	
1191	LUS03	Lusaka-Urban	27.00		0.00	0.00	0.00	27.00	26.61	2.00	596.00	30.00	150	0.00	21.00	12.00	33.00	33.00		
1192	LUS04	Lusaka-Urban	33.00	dolomite	0.00	0.00	0.00	42.00	36.70	1.00	15.30	57.00	152	0.00	39.00	9.00	48.00	48.00		
1193	LH-3	Lusaka-Urban	60.00	dolomite	42.00	60.00	18.00	48.00	26.00	21.30	4.80	81.30	48.00	152	0.00	24.00	15.00	39.30	39.00	
1194	LH6	Lusaka-Urban	56.00	dolomite	26.00	35.00	9.00	40.00	19.20	0.00	17.20	7.00	348.00	39.00	152	0.00	0.00	0.00	0.00	
1195	LH07	Lusaka-Urban	40.00	dolomite	19.20	40.00	20.80	19.20	19.20	0.00	12.90	2.05	55.00	150	0.00	4.60	10.10	14.70	14.70	
1196	34865-2	Lusaka-Urban	60.00		0.00	0.00	0.00	27.40	27.40	1.00	4.75	44.60	42.70	150	0.00	13.70	30.50	44.20	44.20	
1197	3871-1	Lusaka-Urban	43.70		0.00	0.00	0.00	28.10	28.10	35.00	38.40	42.70	42.70	150	0.00	23.30	30.50	55.90	55.90	
1198	3904-1	Lusaka-Urban	55.00		0.00	0.00	0.00	36.60	24.40	19.20	4.50	135.00	42.70	150	0.00	19.00	6.00	25.00	25.00	
1199	LH8	Lusaka-Urban	62.00	schist	24.00	48.00	24.00	24.00	12.40	1.00	3.60	48.00	150	0.00	16.00	15.00	31.00	31.00		
1200	LH 00	Lusaka-Urban	31.00	limestone	13.00	27.00	14.00	18.00	13.00	1.90	13.20	30.00	150	0.00	12.00	27.00	27.00	27.00		
1201	LH10	Lusaka-Urban	40.00	schist	17.00	37.00	20.00	37.00	12.50	5.00	0.00	36.00	150	0.00	15.00	12.00	12.00	12.00		
1202	LH11	Lusaka-Urban	40.00	dolomite	13.60	39.00	25.40	13.60	13.60	0.00	3.50	0.00	37.00	150	0.00	9.00	6.00	15.00	15.00	
1203	LH12	Lusaka-Urban	37.00	dolomite	11.00	27.00	16.00	11.00	9.00	0.00	5.30	8.00	30.00	150	0.00	6.00	9.00	14.00	14.00	
1204	3632-1	Lusaka-Urban	50.00		0.00	0.00	0.00	25.90	22.00	12.20	8.60	3.30	570.00	30.50	150	0.00	18.30	26.20	26.20	
1205	3633-3	Lusaka-Urban	55.00	limestone	27.40	49.40	22.00	27.40	17.00	8.00	4.30	338.00	33.00	150	0.00	9.20	15.20	24.40	24.40	
1206	3632-2	Lusaka-Urban	61.00	limestone	19.80	30.20	10.40	19.80	14.00	8.50	9.20	228.00	0.00	150	0.00	12.20	9.10	21.30		
1207	3671-1	Lusaka-Urban	65.00	schist	44.00	51.50	7.50	51.50	44.00	22.20	2.10	6.19	51.50	0.00	10.60	0.00	10.60	10.60		
1208	3721-1	Lusaka-Urban	75.90	limestone	27.40	42.00	14.60	27.40	12.20	2.00	5.80	65.00	150	0.00	6.60	0.00	6.60	6.60		
1209	3161	Lusaka-Urban	65.00	schist	42.00	63.00	21.00	60.00	42.00	35.80	1.40	60.00	150	0.00	35.00	12.00	48.00	48.00		
1210	3583-2	Lusaka-Urban	60.00	limestone	36.60	58.00	21.40	58.00	36.60	23.80	2.90	3.95	51.80	150	0.00	6.10	6.10	6.10	6.10	
1211	2808-7	Lusaka-Urban	97.00	limestone	30.00	52.00	22.00	30.00	27.00	2.75	54.00	52.00	150	0.00	15.10	10.50	25.60	25.60		
1212	3583-1	Lusaka-Urban	60.00	limestone	45.00	50.00	15.00	50.00	30.00	24.20	21.20	0.47	54.50	150	0.00	10.60	0.00	10.60	10.60	
1213	3548-3	Lusaka-Urban	62.00	schist	42.20	55.00	12.20	42.20	24.40	23.10	4.50	19.80	56.80	150	0.00	21.30	38.80	60.10	60.10	
1214	3512-1	Lusaka-Urban	60.00	schist	18.30	48.80	30.50	45.70	18.30	13.40	4.00	9.22	48.80	150	0.00	19.90	21.30	41.20	41.20	
1215	3548-1	Lusaka-Urban	65.00	schist	42.40	54.50	12.10	42.40	27.00	22.00	3.25	15.60	57.50	150	0.00	23.00	31.00	54.00	54.00	
1216	3549-1	Lusaka-Urban	30.00	limestone	34.50	45.00	10.30	34.50	27.00	18.10	6.25	45.40	45.00	150	0.00	20.00	10.70	12.70	12.70	
1217	3094	Lusaka-Urban	31.20	limestone	0.00	0.00	0.00	5.80	7.00	3.80	3.80	0.00	16.80	0.00	150	0.00	17.29	17.29		
1218	3118	Lusaka-Urban	40.00	limestone	30.00	35.00	5.00	30.00	18.00	4.00	5.00	119.00	36.00	150	0.00	18.50	12.00	23.50	23.50	
1219	3374-1	Lusaka-Urban	61.00	quartzite	12.50	48.80	36.30	12.50	12.50	7.60	4.60	3.30	6.45	48.80	150	0.00	6.10	21.30	27.40	27.40
1220	3124-	Lusaka-Urban	54.00	limestone	48.00	54.00	6.00	48.54	48.00	18.60	3.33	5.00	51.00	155	0.00	15.00	22.00	37.00	37.00	
1221	3437-1	Lusaka-Urban	60.00	quartzite	21.30	55.00	33.70	48.80	21.30	16.80	1.80	4.86	48.80	150	0.00	16.80	12.20	29.80	29.80	
1222	3523-6	Lusaka-Urban	60.00	limestone	10.00	39.00	29.00	10.00	3.20	6.50	40.00	15.30	15.30	150	0.00	15.00	24.00	39.00	39.00	
1223	3561-6	Lusaka-Urban	67.00	limestone	15.00	39.00	24.00	15.00	6.00	3.00	5.00	720.00	45.00	150	0.00	15.20	0.00	18.00		
1224	3370/6	Lusaka-Urban	19.50	limestone	36.60	17.30	19.50	17.30	8.50	23.00	584.00	30.50	150	0.00	7.00	30.50	37.50	37.50		
1225	3568/10	Lusaka-Urban	45.00	limestone	12.10	21.20	9.10	10.60	12.10	10.60	6.60	250.00	42.40	150	0.00	13.00	13.39	46.30	46.30	
1226	3435-3	Lusaka-Urban	64.00	schist	31.20	45.70	12.20	33.50	19.50	4.10	104.00	48.80	150	0.00	12.20	27.40	39.60	39.60		
1227	2916/26	Lusaka-Urban	70.00	limestone	33.00	48.80	15.80	33.00	24.20	11.80	3.00	5.53	51.50	150	0.00	15.20	0.00	15.20	15.20	
1228	3726-1	Lusaka-Urban	60.00	schist	0.00	0.00	40.00	6.10	5.90	3.60	7.25	48.80	150	0.00	3.00	12.20	12.20	21.00		
1229	3713-1	Lusaka-Urban	0.00	0.00	0.00	0.00	0.00	48.00	30.00	24.40	1.00	2.45	60.00	150	0.00	20.00	40.00	40.00		
1230	3078-5	Lusaka-Urban	60.00	schist	3.00	9.00	6.00	0.00	42.10	24.20	1.75	5.86	50.00	150	0.00	15.70	12.10	27.80	27.80	
1231	3692-1	Lusaka-Urban	64.00	schist	0.00	0.00	0.00	10.30	5.50	3.00	1.07	43.30	150	0.00	1.07	0.00	0.00	33.50		
1232	3624-1	Lusaka-Urban	18.00	schist	50.00	32.00	18.00	10.60	10.60	0.47	1.61	31.00	150	0.00	1.20	24.40	25.60			
1233	2697-2	Lusaka-Urban	63.00	limestone	30.00	36.00	6.00	30.00	11.00	6.10	5.00	50.00	150	0.00	12.00	15.00	31.00	31.00		
1234	LW05	Lusaka-Urban	6.00	limestone	18.00	12.00	18.00	6.00	4.50	5.00	0.00	30.00	150	0.00	14.00	23.00	23.00			
1235	LW 06	Lusaka-Urban	30.00	limestone	3.00	9.00	3.00	9.00	3.00	1.00	29.00	0	150	0.00	6.00	6.00	12.00			
1236	3424-5	Lusaka-Urban	15.10	limestone	0.00	0.00	21.00	11.00	7.30	3.00	10.10	0.00	150	0.00	0.00	0.00	0.00	0.00		
1237	3900/19	Lusaka-Urban	40.60	schist	0.00	0.00	0.00	7.90	4.40	3.00	29.00	32.30	150	0.00	1.20	24.40	25.60			
1238	3424-7	Lusaka-Urban	42.50	schist	0.00	0.00	24.20	10.60	4.80	5.00	43.20	36.30	150	0.00	16.00	16.00	16.00	16.00		
1239	3424-6	Lusaka-Urban	39.30	limestone	12.70	24.20	11.50	24.20	12.70	10.60	7.00	24.70	26.00	150	0.00	12.70	27.00	39.30	39.30	
1240	3568-4	Lusaka-Urban	45.00	limestone	15.10	33.00	17.90	33.00	15.00	9.70	4.50	81.00	150	0.00	10.30	27.20	37.50	37.50		
1241	3568-2	Lusaka-Urban	60.00	limestone	18.30	42.70	14.00	18.30	14.00	9.40	28.00	150	0.00</td							

Input No	Borehole No	District	Total Depth (m)	Lithology	Thickness of main Aquifer			Groundwater Depth (G.L.m)	First Streak (G.L.m)	Static (G.L.m)	Yield (l/s)	Specific Capacity (m ³ /day)	Depth of Pump Intake (G.L.m)	Diameter (mm)	From (G.L.m)	To (G.L.m)	Plain Casing (G.L.m)	Perforated Casing (G.L.m)	Depth of Bottom of Casing (G.L.m)	
					From (G.L.m)	To (G.L.m)	Total Thickness (G.L.m)													
1243	3568-1	Lusaka-Urbn	45.00	limestone	15.10	24.20	9.10	15.10	15.10	10.60	6.50	374000	42.50	150	0.00	15.70	21.20	36.90		
1244	3568-8	Lusaka-Urbn	42.70	limestone	16.35	27.40	10.90	27.40	16.35	10.00	5.20	121.00	39.60	150	0.00	16.20	18.30	34.50		
1245	327414	Lusaka-Urbn	33.50	limestone	1.00	24.40	23.40	24.40	2.00	2.60	2.10	8.32	24.40	200	0.00	15.20	0.00	15.20	24.40	
1246	3568-1	Lusaka-Urbn	61.00		0.00	0.00	0.00	24.40	15.20	11.90	3.30	13.20	45.70	0	0.00	0.00	0.00	0.00	0.00	
1247	291625	Lusaka-Urbn	76.20		0.00	0.00	0.00	24.40	14.60	14.60	2.40	5.37	51.80	150	0.00	22.30	18.40	40.60	40.60	
1248	337012	Lusaka-Urbn	36.60		0.00	0.00	0.00	26.20	11.60	0.12	0.47	33.50	0	0.00	0.00	0.00	0.00	0.00		
1249	3601-1	Lusaka-Urbn	60.00		0.00	0.00	0.00	21.20	18.00	16.60	1.00	2.48	51.50	150	0.00	6.00	6.00	6.00	6.00	
1250	43724	Lusaka-Urbn	48.80		0.00	0.00	0.00	48.80	16.20	11.90	2.40	19.90	36.60	150	0.00	15.20	33.70	48.80	48.80	
1251	3370-1	Lusaka-Urbn	54.80		0.00	0.00	0.00	42.70	39.90	15.80	7.00	22.50	42.70	150	0.00	30.50	15.20	45.70	45.70	
1252	331914	Lusaka-Urbn	40.00		0.00	0.00	0.00	33.50	24.40	5.20	0.00	35.00	150	0.00	3.60	3.60	13.00	7.00	20.00	
1253	3568-3	Lusaka-Urbn	45.00		0.00	0.00	0.00	24.20	22.70	16.90	4.25	30.60	42.40	150	0.00	15.00	10.70	25.70	25.70	
1254	305723	Lusaka-Urbn	30.50		0.00	0.00	0.00	28.70	10.40	8.20	5.60	0.00	24.40	150	0.00	7.90	9.10	17.00	17.00	
1255	3528-1	Lusaka-Urbn	70.00	limestone	17.80	42.50	26.70	42.50	17.80	15.70	13.10	1.80	4.02	51.80	150	0.00	16.90	18.10	35.00	35.00
1256	3524-2	Lusaka-Urbn	70.00	schist	0.00	0.00	0.00	45.70	13.70	14.05	6.50	3.19	55.00	150	0.00	11.00	43.80	54.80	54.80	
1257	1863A	Lusaka-Urbn	60.00		29.00	11.00	18.00	14.05	15.00	6.00	10.50	0.00	20.00	150	0.00	13.00	7.00	20.00	18.00	
1258	3143	Lusaka-Urbn	37.00		0.00	0.00	0.00	18.00	15.00	15.00	0.00	3.60	15.00	150	0.00	3.00	15.00	18.00	18.00	
1259	3089	Lusaka-Urbn	41.10	quartzite	3.00	12.00	9.00	12.00	3.00	1.40	2.09	86.00	38.60	150	0.00	13.20	27.90	41.10	41.10	
1260	3072	Lusaka-Urbn	36.00	limestone	4.00	24.00	20.00	4.00	2.60	10.00	4.00	2.60	10.00	150	0.00	3.10	16.50	19.50	19.50	
1261	3105	Lusaka-Urbn	25.20	gravel	11.00	25.00	14.00	11.15	11.40	6.10	10.00	864.00	24.00	150	0.00	3.40	9.00	13.00	13.00	
1262	3128	Lusaka-Urbn	44.10	schist	27.00	28.00	1.00	28.00	27.00	20.70	1.60	42.00	150	0.00	12.00	24.00	36.00	36.00		
1263	3391-1	Lusaka-Urbn	48.80	limestone	9.10	24.40	15.30	24.40	9.10	5.50	5.00	720.00	36.60	150	0.00	12.30	18.30	18.30	18.30	
1264	3409-1	Lusaka-Urbn	30.00	limestone	12.00	9.00	12.00	4.50	3.60	3.60	0.00	24.00	150	0.00	5.50	5.50	12.20	20.40		
1265	43721	Lusaka-Urbn	48.80	limestone	16.30	24.00	7.20	16.80	15.20	5.80	14.75	52.90	150	0.00	3.60	27.40	34.10	34.10		
1266	2597-3	Lusaka-Urbn	40.00	schist	24.00	27.00	3.00	24.00	15.30	12.20	4.60	2.60	10.00	150	0.00	12.20	18.30	30.50	30.50	
1267	3424-3	Lusaka-Urbn	40.00	limestone	4.50	30.50	25.50	30.50	4.60	1.00	6.60	407.00	16.00	150	0.00	3.00	9.10	12.10	12.10	
1268	3424-2	Lusaka-Urbn	40.00	limestone	4.60	15.20	10.60	15.20	4.60	1.80	7.10	181.00	36.60	150	0.00	3.00	3.10	6.10	6.10	
1269	291619	Lusaka-Urbn	40.00	limestone	14.00	19.50	5.50	14.00	2.40	1.20	6.25	600.00	36.60	150	0.00	8.20	12.20	27.20	27.20	
1270	3424-1	Lusaka-Urbn	40.00	limestone	13.00	30.00	17.00	13.00	3.00	1.00	6.60	190.00	36.60	150	0.00	3.00	14.60	17.60	17.60	
1271	3008-	Lusaka-Urbn	70.00	schist	18.00	40.00	18.00	18.00	12.80	18.00	4.00	0.00	60.00	24.00	150	0.00	20.00	7.00	27.00	27.00
1272	311910	Lusaka-Urbn	45.70	limestone	12.20	40.50	27.80	12.20	6.10	4.00	5.20	749.00	42.70	200	0.00	1.50	12.30	13.80	13.80	
1273	3319-9	Lusaka-Urbn	33.50	limestone	6.10	31.50	27.40	33.50	6.10	4.00	0.00	0.00	150	0.00	0.00	0.00	0.00	0.00	8.50	
1274	3333-1	Lusaka-Urbn	45.00	limestone	18.30	27.40	9.10	27.40	18.30	11.30	0.66	1.99	40.00	150	0.00	15.80	27.20	43.00	43.00	
1275	3339-1	Lusaka-Urbn	55.00	limestone	21.10	41.10	20.00	21.10	8.20	3.30	6.60	22.20	49.00	150	0.00	5.00	20.30	25.30	25.30	
1276	300035	Lusaka-Urbn	60.00	limestone	40.00	55.00	10.00	45.00	7.00	7.60	4.00	36.80	30.00	200	0.00	6.00	36.00	42.00	42.00	
1277	360511	Lusaka-Urbn	61.00	limestone	30.00	41.00	11.00	30.00	11.00	7.60	5.10	4.00	720.00	60.00	250	0.00	0.00	16.00	16.00	
1278	3261-2	Lusaka-Urbn	75.00	dolomite	9.10	58.00	48.90	5.10	4.60	3.30	6.60	1900.00	48.80	150	0.00	7.00	13.40	20.40	20.40	
1279	305112	Lusaka-Urbn	61.00	schist	24.40	48.80	24.40	24.40	9.10	5.80	7.10	118.00	55.00	150	0.00	7.50	18.50	25.60	25.60	
1280	305114	Lusaka-Urbn	61.00	schist	0.00	0.00	0.00	24.40	6.10	3.60	10.00	2168.00	48.80	150	0.00	6.10	7.30	13.40	13.40	
1281	291615	Lusaka-Urbn	70.00	limestone	12.30	58.00	45.70	12.30	4.60	3.50	37.50	83.00	34.10	150	0.00	6.70	26.80	33.50	33.50	
1282	305715	Lusaka-Urbn	61.00	limestone	15.20	42.70	27.50	15.20	6.10	4.30	8.30	2390.00	48.80	150	0.00	9.10	19.90	29.00	29.00	
1283	291617	Lusaka-Urbn	70.00	limestone	27.40	36.60	27.40	5.50	0.00	9.00	0.00	46.00	200	150	0.00	3.40	65.90	69.40	69.40	
1284	3309-1	Lusaka-Urbn	40.00	limestone	12.00	30.00	18.30	3.00	2.40	5.90	0.00	34.00	150	0.00	0.00	0.00	15.90	18.90	18.90	
1285	2407235	Lusaka-Urbn	48.80	limestone	6.10	18.30	12.20	18.30	24.40	6.10	4.00	20.40	65.10	150	0.00	0.00	0.00	22.30	22.30	
1286	172724	Lusaka-Urbn	45.70	limestone	21.30	36.60	15.30	21.30	9.10	7.00	5.60	242.00	42.70	150	0.00	1.32	51.00	18.90	18.90	
1287	3319-3	Lusaka-Urbn	30.50	limestone	12.20	24.40	12.20	24.40	15.20	3.60	5.60	204.00	27.40	150	0.00	0.00	20.70	30.50	30.50	
1288	3319-6	Lusaka-Urbn	40.00	limestone	9.20	24.40	9.20	24.40	15.20	3.60	4.60	403.00	36.00	150	0.00	2.50	3.00	5.50	5.50	
1289	3119-8	Lusaka-Urbn	50.00	limestone	3.00	18.30	15.30	18.30	3.00	4.00	4.50	86.40	42.70	150	0.00	5.20	15.20	20.40	20.40	
1290	3119-5	Lusaka-Urbn	40.00	limestone	6.10	24.40	18.30	24.40	6.10	4.00	4.00	40.30	150	0.00	4.13	36.00	18.30	22.30		
1291	3102-1	Lusaka-Urbn	63.00	schist	35.00	26.60	1.60	65.00	35.00	36.60	3.10	0.28	1.32	51.00	150	0.00	0.00	12.20	11.10	11.10
1292	3119-3	Lusaka-Urbn	45.70	limestone	25.90	30.40	4.60	25.90	15.20	18.30	4.60	3.60	3.60	42.70	150	0.00	6.70	24.40	31.10	31.10
1293	3119-1	Lusaka-Urbn	60.00	limestone	18.30	33.50	15.20	18.30	15.20	11.90	2.40	2.40	143.00	52.00	150	0.00	3.40	21.60	25.00	25.00
1294	331920	Lusaka-Urbn	45.70	limestone	12.20	27.40	15.20	27.40	9.10	12.20	3.60	4.00	40.40	42.70	150	0.00	6.10	9.10	15.20	15.20
1295	3119-4	Lusaka-Urbn	45.70	limestone	0.00	0.00	0.00	18.30	6.10											