2.4 Remarks
(Data Table 4)

| B/H NO | DC | REMARKS  |
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|        |    |  |
| C0955  | 11 | Known Elevation 1680m at Nairobi Railway St. B/H used only in the club, but staff use it when city commision water goes off.           |
| C1245  | 11 | Known Elevation 1680m Nairobi Railway St. B/H pumps automatically go, daily hours could not be established.                            |
| C2373  | 11 | Known Elevation 1680m at Nairobi Railway Station. B/H use for watering flowers within the cemetery and also used by the staff working. |
| C2781  | 11 | Known Elevation Dandora Railway St.Alt 1599m. Water level measure when pump running.   |
| C3001  | 11 | Nairobi Railway St. Alt.1662.1m.<br>B/H pumps for 24 hours continuously  |
| C4190  | 11 | Known Elevation 1680m at Nairobi Railray St. Automatic switch therefore hours of daily operation not known.                            |
| C4549  | 11 | Known Elevation 1680 at Nairobi Railway St. B/H pump details is not available from operator.   |
| C4862  | 11 | Known Elevation Dandora R.St.Alt 1599m. B/H drilled and capped.  |
| C6228  | 11 | Dandora R.St.Alt.1599m.  |
| C6310  | 11 | Nairobi Railway St. Alt.1662.1m  |
| C6689  | 11 | Known Elevation Post Office Alt.1668.59m. B/H drilled and capped.  |
| C3710  | 21 | Known Elevation 1680m Railway Station at Nairobi. B/H less used during wet period 4.11 m3/hr.  |
| C4802  | 21 | Known Elevation 2237 Limuru Railways St. Details of Pump were not available.   |
| C5787  | 21 | Known Elevation 2237m at Limuru Railway St. B/H pumps continuosly unless out of order.   |
| C6259  | 21 | B/H use for drinking and other Hosp.uses. Known  |

source of water & the Hosp.

Elevation 2230 Limuru Railway St. B/H is only

2

| B/H NO | DC | REMARKS |
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- C6635 21 B/hole used in the factory only. Known Elevation 1680m at Nairobi Railway St. B/H operates 6 days per week.
- C7295 21 B/hole switch sometimes breaks off but b/hole is good condition. Known elvation 1680m at Nairobi Railway St. B/H stays in standby when the rains fill the dam.
- Safar 21 Known Elevation 1680m Nairobi Railway St. B/hole exclusively used in the Hotel. No any other source available.
- C3584 22 Sagana railway station elevation 1202 m. Father thinking of installing a new pump. Two previous one struck by lightning.

  No dipper line.
- C4318 22 No known elevation in the proximity. Owner lives in Nairobi and his workers were not able to supply enough information.

  No dipper line
- C4960 22 No known elevation in the proximity. Owner says he bought a pump but, motor was burnt during installation and has slice abondoned the idea of buying another pump due to financial constrains.
- C5998 22 Water not sampled as the borehole is inaccessible place for the vehicle (Area cultivated and planted with crops). Gas cylinders can't be carried to the borehole. No known elevation in the proximity.
- C6900 22 Sagana elevation 1202 m
- C7458 22 Sagana railway station elevation 1202 m.
  No dipper line
- C0724 23 No known elevation in the proximity

| B/H NO | DC | REMARKS   |
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|        |    | No dipper line  |
| C3876  | 23 | Murang'a railway station elevation 1207 m. Borehole has stopped supplying for town, and new supply water come from the river.   |
| C4571  | 23 | Maragua railway station 1360 m.<br>To supplement Maragua town water supply.   |
| C5326  | 23 | Mutubiri railyway station 1488 m. Borehole under utilised.<br>No dipper line.   |
| C6264  | 23 | No known elevation in the proximity. Borehole insufficient. They have also got a well to suppliment it. No dipper line  |
| C9172  | 23 | Makuyu railway station 1360 m. No dipper line   |
| C1299  | 24 | Elevation Nyahururu Rly. sta.2500 m amsl. Borehole diameter =6". Borehole well utilised. People draw directly from trough inflow, as there is neither storage nor standpoint. |
| C1830  | 24 | No local elevation known  |
| C2264  | 24 | No local known elevation. No dipper line  |
| C3779  | 24 | Water insufficient for Town's demand  |
| C6810  | 24 | Borehole has insufficient yield to supply centre adequately. No dipper line   |
| C7842  | 24 | No locally - known elevation  |
| C4629  | 25 |   |
| C6800  | 25 | Known elevation Nanyuki rly. 1947 mamsl.<br>Borehole under utilised. No dipper line   |
| C9170  | 25 | No local known elevation.   |
| Giat.  | 25 | No known local elevation.<br>Giat. is Giathogu  |
| Karem  | 25 | No know local elevation. Borehole used primarily for irrigation   |

| B/H NO | DC | REMARKS |
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No dipper line. Karem. is Karemeno

- Rabur 25 No known elevation Borehole under-utilised. No dipper line
- Baric 31 Known elevation 80 m at Malindi Airport. Chief reports water level to be 7.0 m below ground level. Daily operation difficult to evaluate, estimated as 12 hours.
- Baya 31 Known elevation 80 m at Malindi Airport. Appears also to have small pump at surface. Wind operated rest of time. Output small.
- C0078 31 No sample coulod be obtined; known elevation 18 m at Mombaasa Railway station. Borehole not worked dfor about 10 years. No local information available.
- C0575 31 Known Elevation at Mombasa Railway Station 18 m. Reported that borehole abandoned on completion of Mzima pipeline.
- C0848 31 Known Elevation 80m, Malindi Airport. Abandoned, but probably still serviceable. Source abandoned after completion of Sabaki Pipeline Water Supply.
- C0996 31 Known elevation 80 m, Malindi Airport. Pump out of order, operator not available for questioning.
- C0997 31 Sample impossible to take: known elevation at Malindi Airport. Operator not able to supply aperation on production.
- C1010 31 Borehole filled with stones. Known elevation 80 m at Malindi Airport. Pump removed, borehole adandoned reportedly due to high salinity.
- C1024 31 Known elevation 80 m at Malindi Airport. After the last breakdown the County Council decided not to spend any more money on repairs, as revenue is small.
- C1035 31 Known elevation 18 m at Mombasa Railway Station. Used to pump 6 to 12 hours per day, depending on demand. Now the centre draws water from a dam.
- C1041 31 Known elevation 80m at Malindi Airport. Borehole

| B/H NO | DC | REMARKS |
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good condition, under-utilised. (Because of neighbouring Magarini Water Supply).

- C1047 31 Bailer (Water Sampler) larger than casing (4").

  Known elevation 18 m Mombasa Railway Station.

  Machinery remove in about 1970, borehole being abondoned when Mzima Pipeline Water reached this area.
- C1048 31 Sample could not be taken as Machinery out of order. Knoen Elevation 18 m at Mombasa Railway Station. Pump not working. Borehole abondoned on Completion of Mzima supply to the area.
- C1866 31 Known elevation 80 m Malindi Airport. Borehole not worked since 1965. No information to be had locally.
- C2501 31 Known Elevation 18 m at Mombasa at Railway Station.

  Pump & Engine removed 1980. Borehole sealed with concret slab at surface, could be rehabilitated.
- C3174 31 Known Elevation 80 m at Malindi Airport. Suspect that borehole collapsed to 18 m belw ground level. Borehole was fitted with a hand-pump at one stage, but this was removed subsequently.
- C3186 31 Borehole used to operate, with a handpump fitted.

  This was subsequently broken, and it is possible that the hole has also been backfilled with stones.

  Known Elevation 80 m at Malindi Airport. Riser & pump-rods broken in hole (See photo).
- C3264 31 Handpump out of order. Known elevation 80 m at Malindi Airport. Borehole fitted with handpump which is currently out of order.
- C3303 31 Hole Collapsed, backfilled to 27 m below ground. Known Elevation 18 m at Mombasa Railway Station.
- C3332 31 Known elevation 80 m at Malindi Airport. No longer in use: reason not known.
- C4300 31 Known elevation 80 m at Malindi Airport. Borehole never equipped: area served by sabaki pipeline.

6

| B/H NO | DC | REMARKS |
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- C4358 31 Borehole silted up (TD currently 27.9m). Known Elevation 18 m at Mombasa Railway Station. Water very muddy.
- C4422 31 Known elevation 80 m, Malindi Airport. Borehole never equipped, as area is sewed by the Sabaki Water Project.
- C4813 31 Borehole retained as standby supply, for use when other Scheme boleholes fail. Known Elevation 80m at Malindi Airport. Borehole never used but in good condition.
- C4908 31 Borehole used to be equipped but pump was transferred to another hole. Known eleation 80m at Malindi Airport. Borehole to be equipped when funds are available.
- C4937 31 Known Elevation 80 m at Malindi Airport. Pumps water to 4 No storage tanks, from whence it supplies the villages. No way of measuring flow.
- C5231 31 known Elevation at Malindi Airport 80m. Borehole has stable yield, and sometimes works for 24 hrs per day when other boreholes sustain breakdown.
- C6072 31 Known Elevation at Mombasa Railway Station 18 m. Borehole in good condition, used in conjunction with another well. Used for Irrigation.
- C6315 31 Known elevation 80m at Malindi Airport. Borehole never equipped, now backfilled to 20m below ground level. Cap not welded.
- C6337 31 Known Elevation 80 m at Malindi Airport. Drilled & Capped.
- C6648 31 Known elevation at Mombasa Railway station, 18 m. Hole originally drilled for Irrigation, but not equipped to date.
- C9400 31 Known elevation at malindi Airport, 80m. Awaiting

| TADIE 4 : Kemarks |    |  |  |  |  |
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| B/H NO            | DC | REMARKS  |  |  |  |
|                   |    | equipment.   |  |  |  |
| P0091             | 31 | Borehole abandoned, subsequently silted up. Known elevation 80 m at Malindi Airport. Borehole reported abandoned due to high salinity.   |  |  |  |
| Virik             | 31 | Known elevation 80 m at Malindi Airport. Borehole drilled before completion of Sabaki Water Project.   |  |  |  |
| C4166             | 32 | Borehole out of order. Known elevation 18 m. at Mombasa Railway Station. Borehole has been out of order since 1979 according to information from site.   |  |  |  |
| C4240             | 32 | Borehole being used during Night time only for 10 hours - Known elevation 18 m at Mombasa Railway Station. Borehole operates for 10 hours.   |  |  |  |
| C4570             | 32 | Bore hole operates for 24 hours. Known elevation 18 m at Mombasa Railway Station. Borehore operates for 24 hours.  |  |  |  |
| C4977             | 32 | Borehole serving Vanga town and surrounding villages. Known elevation 18 m at Mombasa Railway Station. Borehole has got enough water to meet communidty needs. But generator not working. Borehole, out of order since 09/10/90. |  |  |  |
| C5770             | 32 | Borehole in good order, known elevation 18 m at Mombasa railway station. Borehole used well by villagers. No many problems experienced.  |  |  |  |
| C6042             | 32 | Shallow Borehole, but serves the community well. Known altitude 18 m at Mombasa Railway Station. Daily operation could not be known as each family draws water at different times.   |  |  |  |
| C6498             | 32 | Time of visit, pump broken down temporally.<br>Known elevation 18 m at Mombasa Railway Station.<br>Only one water source in the village.   |  |  |  |
| C6505             | 32 | Known elevation 18 m at Mombasa Railway Station.<br>Borehole operates throughout.  |  |  |  |
| C6507             | 32 | Known elevation 18 m at Mombasa Railway Station.<br>Borehole operates throughout.  |  |  |  |

C6530 32 Water is too salty for Human consumption. Known

| B/H NO | DC | REMARKS   |
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|        |    | elevation 18 m at Mombasa Railway Station.  |
| C6597  | 32 | Known elevation 18 m at Mombasa Railway Station.<br>Operates throughout.  |
| C6604  | 32 | Known elevation 18 m at Mombasa Railway Station.<br>Borehole operates throughout.   |
| C6671  | 32 | Known elevation 18 m at Mombasa Railway Station.<br>Borehole operates throughout.   |
| C6716  | 32 | Borhole serves villagers with no more problems.<br>Known elevation 18 m at Mombasa Railway Station.<br>Borehole operates throughout. Water is too Salty.                                      |
| C6723  | 32 | Known elevation 18 m at Mombasa Railway Station. Operates throughout.   |
| C7264  | 32 | Shallow Borehole but serves the community well. It has got big yield. Known elevation 18 m at Mombasa Railway Station. Borehole operates throughout the day.                                  |
| C7354  | 32 | Borehole highly used by the villagers. Known elevation 18 m at Mombasa Railway. Daily operation in hours could not be established because each family comes to draw water at different times. |
| C7356  | 32 | Found pump broken down temporaly . Known elevation 18 m at Mombasa Railway Station. Borehole operates throughout. Only source around the village.   |
| C7362  | 32 | Known elevation 18 m at Mombasa Railway station. Borehole serving villagers with no much problems.  |
| C7371  | 32 | Borehole is not with enough water for community needs. Known elevation at Mombasa Railway Station. Borhole operates throughout.   |
| C7587  | 32 | Borehole serves community distributed at several distances. Known elevation 18 m at Mombasa Railway Station. Daily operation not possible because each family draws water at different times. |
| C7602  | 32 | Borehole has got enough water. Known elevation 18 m at Mombasa Railway Station. Operates throughout.  |

| B/H NO | DC | REMARKS  |
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|        |    | School. Known elevation 18 m at Mombasa Railway Station. Water pumped any time depending on individuals domestic demand. Daily operation in hours could not be calculated.                                 |
| C8187  | 32 | Borehole serves the community well and there isn't any other source. Known elevation 18m at Mombasa Railway Station. Borehole used by villager when each needs water so no daily operation data available. |
| C8193  | 32 | Known elevation 18 m at Mombasa Railway station. Borehole operates through out with Hand pump.   |
| C8206  | 32 | Borehole in operation, serves villagers for domestic use only. Known elevation 18 m at Mombasa Railway station. Water drawn every time depending on individual's requirements.                             |
| C8646  | 32 | Shallow well but serves villagers needs with no much problem. Known elevation 18 m at Mombasa Railway staton. Operates throughout.   |
| C8670  | 32 | Borehole pumps for 24 hours taking water to South<br>Coast Beaches. Known elevation 18 m at Mombasa<br>Railway Station. Borehole has no storage tank.  |
| C8684  | 32 | Boreholes & villagers with no more problems.<br>Known elevation 18 m at Mombasa Railway Station.<br>Borehole operates throughout the day.  |
| C9034  | 32 | Borehole was cased with P.V.C casing - Just awaiting for the pump to be sisted on, known elevation 18 m at Mombasa Railway Station. Borehole in good condition - But not working.                          |
| C9041  | 32 | All Masonry forundation is ready, just awaiting for<br>the pump to be fixed on. Known elevation 18 m at<br>Mombasa Railway Station. Every thing has been done,<br>but only pump not fixed.                 |
| Tiwi4  | 32 | Water level measured while the pump was operating. Known elevation 18 m at Mombasa Railway Station. Borehole operates directly to the consumers. No storage facilities.                                    |
|        |    |  |

3463A 33 Borehole in good condition safe for generating

equippment.

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- 3463B 33 This Borehole was sunk by the Ministry of Water for Witu township. However, the pump broke down and was left until ISSACCO CONSTRUCTION took over the borehole for their Road Construction requirements.
- C3593 33 No known elevation in the prximity. Originally equipped but when the engine broke down and the locals couldn't replace' they decided to dig a well around the casing. However, the casings are still standing on the middle.
- C3594 33 Borehole equipped with Hand Pump and not able to take water level. No known elevation in the proximity. Water drawn at ones' convinience.

  Question mark after Borehole No because we couldn't locate any other borehole in the proxity though there was supposed to one.

C7345 33

- C7346 33 No known elevation in the proximity.
- 7182B 35 This borehole belongs to the Buguta Women's Group, and the borehole is to serve an eventaul total of 300 people. The hole is to be deepened, hence access to the well-bore was straightforward. (The hole is capped.) Calibrating elevation was Voi Rly Stn, 559 m amsl.
- Aruba 35 Serves Aruba Lodge, a Tourist facility: borehole abstraction is seasonally adjusted to reflect tourist loads at the Lodge. Approx. 100 people rely upon the source at peak periods. The hole could not be accessed by dipper. Nearest known elevation was Voi Rly Stn, at 559 m amsl. The Climax reciprocating pump was installed in 1965, and has a diameter of 3". Yield and other data are not available.
- C0535 35 Known elevation (Taveta Railway Station). The reciprocating pump feeds water via a 3" pipe to an elevated 54 m3 tank. (Lister HP 6 engine/Thomas & Sons Cumax #4 Type 28-4F pump). No-one on site knew anything about stroke length, dia., or freqor any other data concerning yield. The supply serves approx. 500 people in the Staff Quarters at Taveta Railway Station.

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| B/H NO | DC | REMARKS |
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- C0561 35 This borehole also serves the sisal processing works on the Estate, the Estate Office, about 1500 people in total. Average yield is 160 l/min from a Turbine Gears pump powered by a Ruston Size 6" Class HR engine; pumped water is delivered through a 4" pipe some 50 m, to an elevated 45 m3 tank. Some water is also pumped to the Town.
- C0568 35 This borehole serves approx. 200 people in the Sisal Estate Quarters, plus an unknown number of local villagers. The present reciprocating pump, powered by a Lister engine, was installed in 1979, and pumps water some 300 m to an elevated 15 m3 tank. The riser is 3" in dia.
- C0936 35 Borhole never used; cap was vandalised after testing and the well-bore filled with stones.

  Nearby elevation Maktau Railway Station (1099 m).

  Probably not rehabilitable.
- C0938 35 Borehole abandoned but serviceable, with a 1960-installed Climax hand-pump fitted that no longer works (dia. 3"). The service area around Ghazi covers about 200 people.
- C3146 35 Water sample could not be obtained, due to riser pipes in hole. Served wildlife in Tsavo West National Park in the Lower Kalanga area. Known elevation is at Voi Rly Stn, 559 m amsl.
- C3151 35 Borehole abandoned when Camp site was moved from the Mganga area elsewhere. It formerly served wildlife in this area. The borehole is now blocked, so neither a water level nor chemical parameters were obtainable. Known elevation was taken at Voi Rly Stn, 559 m amsl.
- C3168 35 Borehole serves domestic and wildlife needs at Komboyo Camp (approx. 100 people). Known elevation is 559 m amsl at Voi Rly Stn. The pump, a Climax No. 3 reciprocating pump driven by a Lister 7.5 HP engine, is on all the time. Average yield is 13 lpm; the pump, dia. of 2", was installed in 1962.
- C3197 35 Pump removed for repairs. This borehole appears to be one of the former Taveta Town water supply boreholes now made redundant by the recently-completed Taveta Water Supply. Service

| B/H NO DC REMARKS |  |
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population is said to be 3000 people, though little data could be obtained on site.

- C3220 35 Borehole used to supply Estate workers with water but was abandoned when two shallow wells took its place: water is reported to be saline; the borehole is now filled with rocks. Local elevation is Voi Railway Station, at 559 m amsl.
- C3357 35 Borehole in good condition and operational. Known elevation is Bura Rly Stn = 952 m amsl. Lee Howl reported yield is 1500 gph (114 lpm), while stated average yield is 75 lpm and maximum yield is 99 lpm.
- C3360 35 Known elevation at Bura Rly Stn = 952 m amsl.
  Stated max capacity of pump is 91 lpm through 100 m head: pump dia. = 4". In addition to livestock (approx. 2500), this borehole serves the domestic needs of approx. 30 people on Lualenyi Ranch. Pump installed in 1984.
- C3381 35 Serves 50 people, 15 rhino and other wildlife in the Tsavo Rhino Sanctuary. Known elevation was that at Voi Rly Stn, 559 m amsl. The Grundfos pump was installed in 1987, and yield from 66 to 183 lpm through 61 to 130 m of head. Rpm = 2820, 415 v. Dia. = 4".
- C3783 35 2" main left in hole, machinery not working and riser/pump left in hole. Known elevation at Bura Rly Station = 952 m amsl. Reason for breakdown nk.
- C4103 35 Known elevation is 952 m amsl at Bura Rly Stn.
  Borehole pump has been removed, but borehole
  reported in good condition. Operation stopped
  approx. 3 years ago; the hole is open.
- C4130 35 Borehole used as a standby supply for when the main supply from the Njoro Springs fails. Stated capacity of the submersible is 11 18 m3/hr, dia. 3", 415 kW, head 331 433 m. Mean yield is given as 240 1/min, maximum as 300 1/min. Water from the borehole is pumped via a 2" pipe approximately 100 m to a 22 m3 elevated tank. Service is to about 3000 people. Pump installed 1990.
- C4203 35 Pump serves approx. 300 people at the Teita Estate Labour Lines; average yield reported 41 lpm, max 82

|        |    | 200 MM fee inn can are not well ton the fee fee fee fee and ton |
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| B/H NO | DC | R E M A R K S   |

1pm. (Pump capacity given as 2.55 m3/hr, through 57 - 109 m of head. Pump dia. is 4", installed in 1990. Known local elevation is 835 m amsl at Teita Sisal Estate.

- C4218 35 Pump currently out of order (4" Grundfos, capacity of 2.55 m3/hr through 57 109 m; mean yield 41 lpm, max yield 82 lpm); formerly served Camp Labour Lines, est. 200 people. Installed in 1990. Known elevation is 835 m amsl at Sisal Factory. No samples acquired as pump has been left in hole.
- C4219 35 Pump not working, so no sample. Plant in hole, so no access. Formerly served approx. 150 people in Labour Lines. Same pump as for C4203 and C4218, also on the Estate (see relevant entries). Installed in 1990.
- C4602 35 Borehole abandoned due to poor yield: was to have served the settlement of Kipusi (C/O Kipusi Chief's Office), pop. unknown. Not equipped. Nearby known elevation is 835 m amsl at Teita Sisal Estate.
- C4649 35 Borehole has insufficient water, and no sample could in any case be obtained it requires a reported 3 days for full percolation to the well-bore. The pump was installed in 1990, 4", 415 kW and a rated head of 249 331 m. Rated capacity is 11 18 m3/hr. Water is pumped to an elevated 10 m3 tank, which serves the tourist facility at Salt Lick Lodge (approx. 500 people).
- C4651 35 Borehole abandoned due to flooding of the area.

  Known elevation from Bura Rly Stn at 952 m amsl.

  Formerly served Nyolo Primary School (P O Ngambwa)

  numbers not known. Borehole is capped.
- C4654 35 Borehole backfilled with stones after abandonment (reason for abandonment not known). It formerly served the settlement at/around Ghazi/Lumbarwa, with an approx. population of 2000 people. Calibration elevation was Voi Rly Stn, 559 m amsl.
- C6630 35 Known elevation of 835 m amsl at Teita Sisal Estate. Hole capped, diameter of 8" at surface. Used to serve 3000 cattle and 56 people: people now use water from a hand-dug shallow well approx. 1000 m distant.

| B/H NO | DC | REMARKS |
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- C6631 35 Known elevation of 835 m amsl at Teita Sisal Estate. Borehole in good condition, pumped by a Monolift pump. Reported average yield is 150 lpm. reported max. yield 171 lpm (no details from pump available). Installed in 1986, the pump supplies 3000 cattle and 56 people on the Ranch with water. Pump installed in 1986
- C6633 35 No access to hole by sampler, no access for dipper borehole currently out of order, reportedly due to sand-pumping. Known local elevation at Teita Sisal Estate = 835 m amsl. Served 2000 livestock, installed 1988.
- Eldor 35 Borehole owned and operated by Eldoro Secondary School, number not known. Served approx. 400 people, water was pumped from the borehole via an 8000 m 2" pipe to an elevated water tank serving the school. The borehole is no longer used, as the School has a connection from MoWD. Maximum pumping rate was recorded as being 240 1/min, average being 120 1/min. The pump was installed in 1987.
- Mkanj 35 Borehole abandoned when the Kenya Wildlife Service camp at Mkanjoni, in Tsavo East NP, was moved. The pumping plant was moved, leaving a pip-filled open hole with a gantry in place. Neither the dipper nor the sampler could be deployed. The elevation used in calibrating was Voi Rly Stn, at 559 m amsl.
- Ndara 35 Borehole was abandoned with pipe-work in situ when the Ndara Plains KWS Camp was moved due to insecurity. The pump was originally a Climax No. 4 Reciprocating pump, at (?) 8" dia, and installed in 1966. The hole may yet still be serviceable.
- P0032 35 Borehole at Voi Railway Station (known elevation), abandoned and now backfilled. Reason for abandonment not clear, though probably due to completion of the Mzima Pipeline or the Kigombo Pipeline (the latter from the Upper Voi River in the Taita Hills). No access was possible to either dipper or sampler.
- P0154 35 Although in good condition, no sample could be procured from this very old borehole as the engine's pulley was out of order. The borehole serves the same lines through an identical system

| B/H NO | DC | REMARKS |
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as that for C-535 (previous entry).

- Paran 35 Borehole, planned to serve Paranga Trading Centre, was abandoned after the pump machinery was stolen and the borehole subsequently filled with sand. The hole is an open hole, and is probably beyond salvage. Known elevation from Voi Rly Stn, at 559 m amsl.
- Riata 35 Borehole number not known by MoWD staff locally, though it serves approx. 800 people at the Taveta Sisal Estate processing plant quarters at Riata Camp. Water is pumped to a 45 m3 masonry ground tank, and provides drawing points for estate workers. The pump has a diameter of 4"
- C6768 36 Though located in Tana River District, this borehole was drilledto save Garissa water supply. Operator pumps for 2 hrs, then stops for 1 hr, 4 times a day.
- Gorfi 36 No Known Elevation is the proximity.
- Sawal 36 No Known Elevation is the p y. The pump out of order at the time. But B/hole not really helpful to people because this area receives sufficient wind during the yet there is not a strage Tank. Walis goes to waste of ight and none during the day.
- Titll 36 No Known Elevation is the Proximity. B/H only fil for domestic
- Titl2 36 No Know Edition

  Pump out of order. The local prosi is plnning to change the pump for pump has no readily available parts.
- Wema 36 No Known Elevation in the proximity. The KWAHO in charge of B/H in Tana River
- C4606 41 No known elevation in the proximity.

  The school is looking for funds to equip this Borehole.
- C5336 41 No known elevation in the proximity

| B/H NO | DC | R E M A R K S |
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- C8079 41 No known elevation in the proximity. No dipper line.
- C9450 41 No known elevation on the proximity. Drilling Contractor built too small concrete slab around the borebole cap base and dirty water is sipping through into the borehole.
- Igum. 41 No Known elevation in the proximity. Possibly the number could be checked with either PLAN EMBU or Groundwater Survey (k)Ltd
  Plan international to equip with an Africa Development Hand Pump Igum. is Igumopy
- Kara. 41 Sagana rly. sta. 1220 m. Two boreholes 3 m of each other, the 6" (cap:110 mm) was meant for the school. Otherwise, they decided to drill a 10" borehole to supply Karaba town.
- C2324 42 Dynamic water level. Volumetric test of yield not possible. Nolocal elevation known.

  Pumped more frequently during dry season (10-12 hrs) than in rains (5 hrs).
- C3665 42 Dynamic water level. Water heavily lader with fines (sediment)
- C4402 42 No local known elevation
- C4423 42 Water sample not obtained as battery to start engine was missing.

  No known local elevation. Borehole supplies Range water camp, about 5 families: (200 people). It could be used to serve the Town (Garba Tula).
- C4543 42 Dynamic water level. No known local elevation.
  Borehole currently pumped by solar array-powered grundfos,
  but also has a stand-by lister generator (N/k).
  Boreholes's

| B/H NO | DC | REMARKS   |
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|        |    | concrete slab is in a poor state, and is collapsing. Located adjacent to Uaso Nyiro swamp.  |
| C6656  | 42 |   |
| C6951  | 42 | No local known elevation  |
| C7329  | 42 | No known local elevation<br>Cited yield seems high, will in any case vary<br>according to sun<br>intensity.   |
| C7631  | 42 | No known local elevation. Tank takes 5 hrs to fill, it 25 m3/hr or 417 lpm.   |
| C7712  | 42 | Handpump used almost continuously during dry season, less intensively during rains. Drainage away from handpump very poor, as can be seen from photograph. poorly-maintained facility |
| C7734  | 42 | No locally known evelation Locals entirely dependant on this source for their water supply.   |
| C8976  | 42 | No local known elevation  |
| C9380  | 42 | No known elevation locally  |
| Is.As  | 42 | No local known elevation.<br>Is.As means Isiolo Airstrip  |
| C0135  | 43 | B/hole not working, pumps, engine not working. B/hole no longer used after the matuu pipeline.  |
| C0538  | 43 | B/hole was equipped before but later abandoned due to high salinity. No known elevatioon available.   |
| C0617  | 43 | Borehole in good condition only part of pump is missing, used to serve the Market.  |

C0696 43 B/hole not in use nowdays, all machines removed.

There was no information available. No known elevation near the borehole

B/H in good possible, but gantry set and engine

| B/H NO | DC | REMARKS  |
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|        |    | remored.<br>Nobody was on site during the visit.   |
| C0919  | 43 | Borehole not used but still serviceable. Sample could not be teken.  |
| C1452  | 43 | B/h having no equiment. No known elevation nearby. Engine removed for repair but part of the pump still inside the hole.   |
| C1452  | 43 | Borehole left without maintenance but still in good order.   |
| C1508  | 43 | B/hole supplies water to the area west the ranch. No known elevation nearby. B/hole not used very much during wet period, its only used for the domesic purposes.                                      |
| C1595  | 43 | No known elevation nearby. B/hole suppliments the other b/holes plus dams.B/H serves the ranch our eastern side its also supplimentes by 4 dams.   |
| C3198  | 43 | No sample because engine not working. No known elevation nearby.  B/H pumped using additional 3 boosters to the market 17km away.  |
| C3712  | 43 | Borehole pump temporarily out of order.  |
| C3760  | 43 | Water sample could not be taken, because handle for generator was missing. No known elevation available.  B/hole used when its dry but doesn't work durig rainny season. Supplies water to the locals. |
| C3795  | 43 | B/hole supplies water to Kitui Town Supplemented by  |

- C3795 43 B/hole supplies water to Kitui Town Supplemented by another b/hole nearby.

  Good b/h but does not give kynougl supply.
- C3883 43 No sample available because b/hole has caved in. B/h caves in since 1984.
- C4136 43 There was no known altilude nearby. The B/hole supplies water to town supplemented by another borehole nearby.

  B/hole operates for 24 hrs but doesn't meet the demand for kitui town. Figures on discharge was from the master meter.

| B/H NO | DC | REMARKS |
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- C4663 43 B/H is good condition and use for irrigation.

  No pump data available, owners were no available by the time of the visit.
- C4729 43 No known elevation nearby.

  The b/hole operates throughout except when diesel is missing.
- C4887 43 B/hole probably caving at around 10m. NO known elevation nearby.

  There was some obstruction and pump could not move farther.
- C4936 43 B/hole supplises water to the Migwani sec. school.
  12 Hrs pumping when diesel is available. The
  process of installation of electricity is under
  way.
- C5243 43 B/hole not equipped. No known elevation near the hole.

  B/hole was once equipped with a hand pump, but later removed.
- C5527 43 Borehole used for raod construction & the camp. Pump installed temporarity.
- C5673 43 The pump is out of order.
- C6628 43 No known elevation available.

  Water is pumped to a storage tank which situated about 1/2 km on the school compound.
- C7313 43 B/hole indicates low field. No known elavation available.

  B/hole used by the owner to irrigats citrus fruits and vegetable and also supplies public with water.
- C7762 43 No known elevation nearby.

  B/hole used domestic purposes.
- C7764 43 There was no known elevation available.
  B/hole equipped but mains not connected to the pump.
- C7950 43 B/hole not equipped but reported to have low yield proposed for hotel use. No known elevation available nearby.

| B/H NO | DC | REMARKS |
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- C8027 43 This is an artesian borehole and flows out throughout the year. The local use the water everyday. There was no known elevation nearly.
- C8307 43
- C9375 43 B/hole is procese of being constructed. Machines and pump ready for installation. All materials are on site.
- C9470 43 Borehole was equipped but pump withdrawn later when water bacome little.
- C9471 43 Could not open the borehole cap. Borehole capped due to low yield.
- Malik 43 No known elevation was available near by.

  B/hole in good condition number was not available.
- Ngila 43
- Thita 43 Water pumped to a storage tank about 8km to the school. Used for both domestic and garden watering but very hard.
- C0224 44 K.A.R.I Macakos Alt 1596m
- C0461 44 Known Elev. Alt 1596m, (K.A.R.I) Machakos
- C0740 44 Known Elevation Athi River Railway St.1509m.
- C1693 44 Athi River Railway St. Alt 1509m.
- C1769 44 Known Elevation Athi river Rst Alt.1509m.
- C2004 44 K.A.R.I Machakos Railway st.1596m.
- C2232 44 C No be obtained from Maji house Sucian H.R.Si
- C2976 44 K.A.R.I Machakos Alt 1596m.
- C3121 44 Kibweli R St.Alt 911m
- C3977 44 K.A.R.I Machakos 1596m.
- C4742 44 K.A.R.I Machakos Alt 1596m.

| B/H NO | DC | REMARKS |
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- C4885 44 Kathangani trig. point Alt 1403m.
- C4973 44
- C5043 44 Kithangani Trig Point Alt 1403
- C5054 44 Mtito Andei Railway St. Alt 911m. B/H drilled and capped
- C5272 44 K.A.R.I Machakos Alt 1596m. B/H is for Emergency Cases.
- C6328 44 Athi River Railway ST 1509m.
- C6349 44 Kingoni Trig. Poin Alt 1567m. B/H drilled and Capped
- C6536 44 Kingoni Trig. Point Alt 1567m. Water over flow.
- C6588 44 Suctan Hamud Railway St. Alt 1227m
- C8028 44 Kingoni Trig. Point Alt 1567m. B/H drilled and capped.
- Kambo 44 Kibweli Railway St. Alt.911m. Borehole drilled in 1932 by Dulla.
- C1758 45 C1758 serves 3000 to 5000 people in Logologo
  Township and the Market. The pump is powered by a
  Lister engine (model nk), has a 4" riser, capacity
  of 6 HP and a max. rated head of 87.8 m. Yield is
  nk. The dipper could not be lowered below 32.40 m,
  and was stuck at this depth.
- C3039 45 Borehole backfilled to 3 m bgl with stones by locals after the pump was jammed, so the hole was abandoned. The submersible (type nk) was installed in 1974, but the date of abandonment is not known, and neither is the local population of livestock. Reported former yields were 50 lpm average, 60 lpm maximum. 16 km of road is very bad.
- C3133 45 Borehole swl could not be reached with 200 m dipper: when drilled reported to be 247.5 m bgl. Sampler could not reach either. Could supply the Burgabo area, as well-head infrastructure exists. The borehole is reported abandoned (Code A) but it

| B/H NO | DC | REMARKS |
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could be Codes S or L (ie, could be rehabilitated). At any event, the borehole is not equipped at present, and the reason for this could not be ascertained during the site visit.

- C3602 45 C3602 serves 1000 to 1500 people at the Catholic Mission Hospital, School and local people in the Laisamis area. The Windmill is reported to have been installed in 1974/75 (?).
- C3681 45 C3681 serves Logologo Market and Primary school (est. 5000 people) but is currently not working as the engine is out of order. When operating the borehole is pumped 12 hours a day (yield not known). Th Operator said that the borehole is beginning to backfill with silt. Pump dia is 100 mm, max rated head 108 m. No sample could be taken.
- C3723 45 Static water level reported at 220 m (only had a 200 m dipper): borehole is run for 10 hours per night and supplies water to a reported population of 4,000 people. The pump (install date nk) is rated at 5 HP, with a maximum operating head of 275 m.
- C3819 45 C3819 serves Gudasi via a 6 HP Southern Cross pump powered by a Lister engine. Max rated head is 112 m. The borehole is only used during the dry seasons, as during rains there is adequate surface water for livestock in the area. Hole is only pumped at night.
- C3890 45 Pump is 3 HP through 48 m max, and the facility is reported to be well maintained. Install date N/k, but reported average yield is 113 lpm. Serves people and livestock in the Uran area.
- C3896 45 Two pumps pump this borehole and serve large livestock and human populations in the area (unspecified). One is a KSB submersible (5.5 kW) run by a Lister-powered generator, the second is a solar -powered pump (type nk). The KSB is rated for a max head of 66 m, and pumps through a 2" GI riser. The solar pump riser is 1.5" GI: both pumps fill 2 4 m3 tanks.Installation date(s) nk. The area served is Walda Sub-location.
- C3966 45 Mean yield (reported) for C-3966 is 113 lpm, max.

| B/H NO | DC | REMARKS |
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rated head of 72 m. Year installed nk, serves Golole.

- C3983 45 C3983 abandoned after the pump and rising main were stuck in the hole and lost. The borehole used to serve people in Godoma Location, and indeed the storage tank associated with the hole is served by an alternate borehole. Pump type nk.
- C3984 45 C3984 used to serve 1000 to 2000 people in Nana Sub-location. However, the hole was abandoned after the rising main broke off during maintenance, after which wananchi filled the hole with stones. The pump used was a hand pump, type nk.
- C4084 45 C4084 belongs to the Diocese of Marsabit's Korr Mission, and serves approx. 500 people in and around Korr Centre. The 2" Grundfos pump was installed in 1981, is rated at 1.5 kW and 30 m head. Reported mean yield is 83 lpm.
- C4181 45 C4181 serves Bori Location, an estimated population of between 500 and 1000 people, and an unknown quantity of livestock. The 7 HP pump has a rated head of 30 m (?), and a reported mean yield of 60 lpm. This installation (1976), is one of the few sites encountered so far that includes a flow-meter, which was installed in early January 1991; at the time of the visit, the meter had recorded 444,400 liters (07/11/90). The pump is 140 mm in diameter.
- C4825 45 C4825 serves 1000 2000 people in Kalacha; water level is at ground level. There is no pump, as flow to a storage tank is under gravity. Yield is not known.
- C5001 45 C5001 is an artesian hole serving approximately 40 police personnel and local livestock. The borehole is not equipped, and water overflows and drains away into a lagga. The water is reported to have a pungent and irritating smell, bearing out the extremely poor EC25 figure. The source is only used for washing
- C5047 45 C5047 could serve the Police Post, Dispensary and AIC Church at Ileret, but the borehole has never been equipped due to the salinity of the water (pH = 9.38). Instead the local people draw water from

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| B/H NO | DC | R | ł | E | M | A | R | K | S                                       |
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a shallow well some 20 m distant, the water from which is not saline. The borehole is capped.

- C5901 45 C5901 serves Godoma location, an approx. 1000 people + livestock. The pump, a Pompe Mosseli of 1.5 kW, has a max rated head of 84 m. Measured yield was 80 lpm.
- C6063 45 C6063 used to serve Sololo Centre (4000 to 6000 people), but no longer does, though the pump and generator (driven by a HATZ engine) are still on-site. The pipes to the town have been disconnected, and the borehole is reported to be "in need of cleaning". Samples could not be obtained, as the pump could not be operated. The Ele submersible pump is reported to yield 38 lpm; install year was 1987.
- C6357 45 C6357 serves Dukana village and school, 1000 to 5000 people. Belonging to the Catholic Church, the borehole used to have a wind pump, but this was exchanged for a submersible during 1990. The pump dia is 50 mm, with a rated head of 120 m. No yield details were available, as the operator was on leave at the time of the visit.
- C7201 45 C7201 serves approx. 5000 people in Dabel Sub-location + livestock, and is equipped with a hand pump (type nk). Mean yield is 15 lpm, through a max. head of 39 m.
- C7202 45 C7202 serves approx. 5,000 people, + livestock, in Dabel Sub-location. The Mono pump (riser dia. of 75 mm), has a rated head of 70 m and a reported mean yield of 250 lpm. The installation is reported to be well maintained.
- C7207 45 C7207 serves Sololo Centre, reportedly 500 people. The water level was not taken, as the hole was dynamic (ie, being pumped). The 2" Afridev hand pump was installed in 1988, and yields between 10 and 15 lpm.
- C7618 45 C7618 serves approximately 700 pupils and 300 wananchi in the Sololo Primary School area, by hand pump. This was installed in 1988. The pump is reported to yield 15 lpm through a max head of 45 m. The pump dia is 50 mm.

| B/H NO | DC | R E M A R K S |
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- C4233 46 No known elevation in the proximity. B/H under utilises churchs water connected to piped water supply. they only use it when regular supply fails.
- C4272 46 No known elevation in the proximity. Unable to sample water from the B/H for they've the cooparated both the B/H water and piped water from the river one tank and now that their goosten pump isn't working the storge tank is full of
- C4348 46 No known elevation in the proximity. B/H only serving the Priests' and sisters' houses. (under utilised)
- C5543 46 No known elevation in the proximity.
- C6967 46 No known elevation in the proximity. B/H suppliments towns walt supply which is inadequate.
- C7136 46 No known elevation in the proximity. Water from this B/H is hard on taste. People are only using it for cooking and washing of clothes.
- C7142 46 No known elevation in the proximity. B/H very close to the River. B/H only 9m deep.
- C7750 46 No known elevation in the proximity. There is another B/H about 1km away which is also broken-down. Rods disconnected.
- C9085 46 No known elevation in the proximity.
- C9436 46 No known elevation in the proximity. Area very thinly populatial hence. B/H rarely used fully.
- C9512 46 No known elevation in the proximity. w
- C0150 46 No known elevation in the proximity. Farm is now using water from nearby stream stopped operating B/Hs 10 years ago. One other B/H pump louse fill of hay.
- C2485 51 Used during dry seasons: as rains fail frequently the borehole isin use for much of the year. There is a standby genset for use ifhe primary fails.
- C3085 51 Original swl 115.2 m bgl, or 22.8 m amsl

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| B/H NO | DC | REMARKS   |
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|        |    | Borehole reported used only in dry season. No genset, possibly removed for security reasons.                          |
| C3240  | 51 | Not possible to sample.   |
| C3635  | 51 |   |
| C3667  | 51 | Borehole under-utilised   |
| C3684  | 51 | •   |
| C3695  | 51 | Dry season use only: Engine too small to pump direct to elevated tank. Rains fequently fail in this area.             |
| C3697  | 51 | No Known Elevation in the proximity. Rods Stuck in B/H However B/H can still be                                       |
| C3751  | 51 | No Known Elevation in the proximity. Storage Tank needs replacement   |
| C3753  | 51 | No Known Elevation in the proximity.  |
| C3781  | 51 | No Known Elevation in the proximity. Engine too weak to drive water.  |
| C3831  | 51 |   |
| C3852  | 51 | No sampling possible: borehole blocked by pump head. Borehole needs new pumping plant. (original swl cited overleaf). |
| C3877  | 51 | No Known Elevation in the proximity. High yeilding B/H Suficient supply to the area.                                  |
| C3902  | 51 | no water sample could be taken  |
| C4313  | 51 | Original swl = 125.4 m bg1, or 34.6 m amsl.<br>Engine and Genset removed march 1990 for security<br>reasons           |
| C4341  | 51 | No Known Elevation nearby Engine out of order   |

- since Sep. 90
- C4342 51 No Known Elevation in the proximity. As

| B/H NO | DC | REMARKS |
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construction works were going on, bardits attacked the construction team who abondoned the work. All the works were complete expect the equipping of the B/H and roofing of operators quaters. If this B/H can be equipped it will greatly ease congestion at the Rhowa B/H and help the Ammune Centre which is now over wed with refugees from Somalia.

- C4447 51 Not Equipped: drilled 1978 and cemented
- C4453 51 No Known Elevation in the proximity. B/H well utilised especially during the dry season.
- C6330 51

  Borehole left open, subsequently filled with stones.

  Borehole used to yield adequate water (no details), but wasabandoned after closure of the Tannery.

  \* means No dipper line

C6763 51

- 4730B 52 No known elevation against which to adjust altimeter. Borehole in good condition, though reported to be low yielding. EC25 greater than 2000 uS/cm.
- C2570 52 This borehole not equipped, but capped, housed and serviceable. Might serve as a standby supply for Mandera Town when the Daua River runs dry.
- C3297 52 Borehole equipped with a submersible pump, but is only brought into service when the Daua River dries up. The 3" pipework from the borehole serves a 45m3 elevated tank. Pump installed in 1986, 4" dia. The hole is not in routine use.
- C3567 52 Borehole capped and not equipped. EC25 greater than 2000 uS/cm.
- C3568 52 There was no known elevation near the borehole.

  The borehole is in good condition. EC25 is greater than 2000 uS/cm.
- C3696 52 Borehole pump temporarily out of order, so no water sample procured. Borehole served approx. 2000 people and 5000 livestock, with an elevated storage tank and troughs at the well-head. There was no technician to ask about yields or periods of

| B/H NO | DC | REMARKS |
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pumping.

- C3861 52 Borehole in good condition, but not yet equipped to serve the estimated 2000 people and 5000 livestock at Warangara Chief's Office. Borehole capped and adequately protected. EC25 greater than 2000 uS/cm.
- C3865 52 Borehole filled with stones; borehole was never capped. No known history of borehole's abandonment, which was the only borehole in the area. Used to serve Golobia Manyatta, approx. 5000 people.
- C4388 52 Borehole in good condition; no known local elevation. Reported to serve 15000 people and 25000 livestock. No access to hole. Pump installed 1988, reported capacity 200 l/min, 4" dia., 11 kW, 150 m of head. Supplies cattle troughs and water points, no tank. Average yield reported to be 200 l/min, no maximum figure known.
- C4389 52 No nearby point of known elevation. This Borehole would serve Guramadhow, except that it has never been equipped due to lack of funds. The borehole is capped.
- C4394 52 Borehole apparently equipped, with pump and riser in hole; not in use, and the area (Walderi TC) is apparently abandoned. The borehole used to serve 2 45 m3 elevated tanks via a 3" main. There was nobody in the vicinity of the borehole to answer questions re. abandonment, previous usage etc ... The pump could be stuck, but there was no possibility of withdrawing a water sample.
- C6084 52 No known elevation in region of borehole. Pump was removed because there was little demand for water, as it serves 500 people. This borehole was tested by Unit I on 19-11-90. EC25 greater than 2000 uS/cm.
- C7184 52 Well-bore obstructed (reported that drill-pipe twisted off and has been abandoned in the hole); in any event, neither dipper nor sampler could be lowered to swl. (Was to?) serve Shimbir Fatuma Chief's Office area, approx. 3000 people. There is a generator in the pump house.

| B/H NO | DC | REMARKS |
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- C8094 52 No known elevation in area. Pump out of order, but when pumped did so only periodically to allow infiltration into well-bore (poor yield). Serves approx. 1000 people, 2000 livestock in the Fincharo Chief's Office area. Pump installed 1989, capacity = 16 41 l/min, 4" dia., 34 kW, 87 108 m of head.
- C8769 52 Borehole being deepened at time of survey: no passage for dipper or sampler. Served/to serve(?) Kotulo Trading Centre.
- C3218 53 Borehole semiceable and in good condition: however, LMD have stopped supplying funds for maintenance.
- C3515 53 Borehole temporarily out of order, due to broken pump-rods in the reciprocating pump. No reported "major breakdown". Elevation uncertain.
- C3539 53 Borehole abandoned due to low yield, but is currently capped. It could have served approx. 1000 people in Tarbaj Centre, but was never equipped. EC25 is greater than 2000 uS/cm.
- C3541 53 Borehole in good condition, serving a reported human population of 3000, and 40000livestock. A 3" riser (pump dia. is 4") serves two elevated steel tanks (30, and 45 m3), which in turn serves the trading centre at Eldas about 1000 m from the borehole. Pump installed in 1990, 150 kW, head of 50 m.
- C3658 53 No known elevation, location (Coords) uncertain: serves 400 pupils and teachers at Bute Arid Zone Primary School. 3" pipe from borehole serves a 25 m3 steel elevated tank, but borehole not working at present for reasons not known or obtainable. Pump reported installed 1986, pump dia. 4".
- C3685 53 Borehole in good condition, serves both people and livestock. Pumps more hours in dry season.
- C3715 53 Submersible stuck in hole. Arrangements are being made to have it removed, repaired and re-installed.
- C3726 53 No machinery or pump available, but borehole is in good condition and is protected by a heavy steel slab. No space for water sampler.

| B/H NO | DC  | REMARKS |
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- C3727 53 Borehole in good condition, though overpumped during dry seasons (pop. figures for dry season). Demand is much reduced during rainy seasons.
- C3736 53 This borehole is the only reliable source of supply for this fast-growing Centre, apart from many shallow wells.
- C3769 53 Borehole awaiting equipping when funds are available: Hara Khot Khot pop. approx. 5000 people, 10000 livestock. Yield data not known, borehole capped. EC25 greater than 2000 uS/cm.
- C3788 53 Cable & rising main stuck in hole: arrangements being made to remove them. Otherwise, hole is in good condition.
- C3792 53 Pump and gen-set removed for semicing: borehole still in good condition. No access for water sampler, as rising main still in borehole.
- A3820 53 Borehole & plant in good condition, though overheating of the engine occurs during the dry season. Yield is reported to be inadequate for population.
- B3820 53 Dipper blocked at 10 m bgl (233 m amsl): serves approx. 7000 10000 people in Sebule Sub-location, plus livestock. Water is stored at the wellhead in a 30 m3 concrete storage tank. The pump, installed in 1988, pumps through 50 mm dia. GI pipes and is powered by a 175 kVA generator. Its rated pump head is 145 m. According to the operator, the borehole's yield is dropping over time. Average yield is reported to be 42 l/min.
- C3891 53 Borehole abandoned after caving: new borehole being drilled at this time, to replace the only borehole serving Bute Trading Centre. Elevation uncertain. Service used to cover 5000 people and 15000 livestock. The pump was initially installed in 1977, and was of 4" dia. No-one apparently now knows what model it was, nor how much water it pumped.
- C3899 53 This is a good and well-maintained borehole, supplying water to the growing Centre plus the Chief's Camp.

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- C4124 53 The borehole was properly capped and left, probably due to low yield. Present tested yield could not be established.
- C4176 53 Borehole in good condition, but no access to well bore for sampling or dipped level. Installed in 1977, the 3" riser from the 4" dia. pump serves a 45 m3 masonry tank serving troughs. Average yield reported to be 83 1/min.
- C4234 53 Borehole appears to be chocked with stones: dipper could go no deeper than 30 m bgl. Pump was removed in 1987.
- C4257 53 GENSET removed for repair, submersible left down the hole. Pump believed in good condition.
- C4261 53 Borehole yield reported to be declining (increased water demand felt, from Sarif TC & the AP Camp).
- C4524 53 Borehole in good condition, but overworked in dry seasons.
- C4730 53 The borehole is used by many people and a large number of livestock, and is able to supply enough to meet these needs.
- C4872 53 The borehole was slightly damaged by stones before capping; it was later re-opened and brought into service, but with little water coming out.
- C5267 53 The borehole is well constructed; the only problem is that the pumping plant breaks down frequently, especially the generator.
- C5795 53 B/H in GOOD WORKING CONDITION. Water pumped to elevate 20 m tank. 1000 m distant: gravity supply to trading centre.
- C5796 53 The population is well served by this borehole, which suffers from very few big breakdown problems.
- C6712 53 The borehole has insufficient water to allow pumping without stops at intervals; breaks have to be allowed for, to replenish the well. The demand of the school is high.
- C6902 53 The borehole is not equipped: water from this

| B/H NO | DC | REMARKS |
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source could supply the new Administration Police Post at Lefale, as there is no source nearby.

- C6903 53 The borehole is not equipped; the school uses shallow wells as source of supply (wells are very common in the Wajir township area). The school did not supply any information.
- C8692 53 Borehole pump left inside, but no generator at surface. No known elevation. Would serve Habaswein area. Pump dia. reported to be 4", installed in 1988.
- C8693 53 Originally drilled by AMOCO (K) LTD. Now supplies livestock and trading centre, and adjacent settlement.
- No 1 53 Well equipped with a handpump, and located in the Police Lines in central Wajir Town. Dia. 2". Serves approx. 100 people, functions well. EC25 greater than 2000 uS/cm.
- W#1 53 The well has been abandoned: the pump was removed three (3) years ago for repair, and has not yet been returned.
- W#2 53 The well is not equipped: local people use debes to remove water from the well.
- C4490 61 K.A.R.I. - Kisii Slt. 1770.89 m (1615). Borehole used to serve both Oil Mill Factory & a Bakery but factory was closed down sometime last year. Now being used only for emergency cases in the bakery when municipal water fails. Unable to get more information to how long it used to fill the above tank and year installed, pump attendant was not, present but gathered few information from the Askaris on duty as he some times operate the pump during night shift.
- C5011 61 C no. not shown in photograph Alt. Ahero Trig.
  Point 1164 m.Pump
  runs for 24 hrs non stop and being now directly in
  the factory

| B/H NO | DC | REMARKS |
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- C7845 61 Kisii K.A.R.I. Mets. st. Alt. 1770.89 m. C no. not shown in photograph as C no. was found later after visiting borehole.

  Borehole drilled and capped.
- C8038 61 Known elevation Kenya Agricultural Research Institute (K.A.R.I.)

  (kisii) Alt. 1770.89 m. Photograph does not show the C no. of borehole as i obtained the C no. later after visiting the borehole.

  Water is not enough when college is opened because they pump until it goes dry forcing the trainees to fetch water from the near by river

No dipper line since pump installed get original water level.

C8091 61 Kisii K.A.R.I. Alt. 1770.89 m. C no. not indicated on picture because it was found later.

No dipper line since installed with H/pump.

- C8123 61 C no. to be obtained from maji use known elevation Ahero Trig.

  Point 1164 m. Borehole drilled by vertey in 1988 Aug/Sept.

  Borehole drilled and capped removed water using the sampeer.

  The water was very brownish and like rain water has been getting it's way inside the borehole.
- 8117B 62 Miwani Rly. sta. = 1191.61 m. No dipper line
- C8049 62 Ahero Trig. Point, = 1164 m. No dipper line.
- C8055 62 Muhoroni Rly. sta. = 1300.98 m. Discharge low for livestock use.
  No dipper line
- C8057 62 Ahero Trig. Point = 1164 m. Thigh yield. No dipper line

| B/H NO | DC | REMARKS |
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- C8118 62 Kibos Rly. sta. = 1172.57 m. No dipper line.
- C8121 62 Miwani rly. sta. 1191.61 m. Yield figures impossibly high: assume x = 10 lpm, max = 15 lpm. No dipper line
- Agola 63 Known elevatiion at siya girls high sch. = 1452.22 m amsl. Number not known in the area. Drilled and capped. (C9284)
- C3379 63 Known elevation at Ngiya girls high sch. = 1452.22 m amsl
- C5456 63 Known elevation: Yala rly. sta. = 1412 m amsl
- C5708 63 Known elevation at Yala rly. sta., = 1412 m amst.
- C5741 63 Known elevation at Yala rly. sta. = 1421 m amsl (t = 1150 hrs).
- Masa. 63 Known elevation at maseno equator = 1521.56 m amsl. (Number should be C7785)

  Casing is 6". Community complain that water is salty (EC25 = 2100 us/cm: and that acharge to well is to slow that sometimes they must wait for recovery. This is the only borehole in the area. Masa. means Masala.
- C3395 64 Known elevation Kendu Bay Jetty 1136.Borehole pump was removed and taken for repair
- C5215 64 Known Elevation Got Rabuor Trig point Alt. 1470 m.
- C6008 64 Known elevation Ahero Trig point Alt. 1164 (10:30). Unable to get information of capicity. No dipper line.
- C6029 64 Known elevation Kendu Bay Jetty Alt. 1136 m
- C6263 64 Known elevation Kendo Bay Jetty Alt. 1136 m. No dipper line.
- C6876 64 Known elevation Got Rabuor Trig point Alt. 1470. No dipper line
- C6942 64 K.A.R.I. (kisii) Alt. 1770.89 m. No dipper line.
- C6943 64 Borehole dry Alt. K.A.R.I. (Kisii). Another

|        |    | *************************************** |
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| B/H NO | DC | REMARKS                                 |
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Alternative see borehole C6942. Borehole drilled & capped.

- C6950 64 Known elevation Kendu Bay Jetty Alt. 1136 m. (7:45). Unable to get information on paragraph there was nobody at well. No dipper line
- C7152 64 Kendu Bay pier. Alt. 1136 m.
- C7778 64 Kendu Bay Pier Alt. 1136 m. No dipper line
- C8970 64 Known elevation Makalda Trig. Alt. 1306 m. Borehole Drilled and Capped.
- Rakw. 64 Drilled 1987. Ahero Trig. Point, 1164. No dipper line. Rakw. is Rakwaro. (C7292)
- C3437 71 No known elevation in the proximity. Borehole very much inuse during the dry season. Anyway, there is more dry seasons than the Rainy seasons in this region.
- C3868 71 No known elevation in the proximity. Borehole so saline that it is only used by livestock.
- C4722 71 Kabarnet Town elevation 2030 m. Borehole unable to satisfy Town's demand.
- C4777 71 No known elevation in the proximity.
- C5072 71 No known elevation in the proximity. Borehole under utilized.
- C5170 71 Kabarnet town altitude 2030m. Pump struck by lightning in March 1990. Needs repair for nearest source of water is 5Kms away River kerio.
- C5883 71 No known elevation in the proximity. Couldn't dip to find water level for borehole back filled upto 165 m. The pump was removed but a few draw pipes were left n the hole. Otherwise, the hok is open.
- C6362 71 No Known elevation in the proximity. Borehole condemned due dto its high level of alkalinity.
- C6363 71 No known elevation in the proximity.
- C6364 71 No known elevation in the proximity. Borehole used most during the dry season. However, the dry season

| B/H NO | DC<br> | REMARKS  |
|--------|--------|--|
|        |        | stretches for a longer period than the wet season.   |
| C6365  | 71     | o known elevation in the proximity. Assumed never equipped due to excessive TDS.   |
| C6652  | 71     | Lake Bogoria 5 km from Borehole, altitude 3160 ft (950m). Borehole water only used to water flowers. Borehole under utilized.  |
| C6970  | 71     | No known elevation in the proximity. Water sample couldn't be taken for a few draw pipes left in the hole to prevent vandalism. No details available.  |
| C722B  | 71     | No known elevation in the proximity. However, had set my Altimeter at the Equator 25 Kms away.M.O.W.D removed the Engine and left pump in the Boreholes (another one is 10 km away). Otherwise town now using piped water from Ravine river. |
| C7456  | 71     | No known elevation in the proximity. Area is soon to be served with piped water.   |
| P0094  | 71     | No known elevation in the proximity.   |
| C1074  | 72     | No known elevation in the proximity. B/H in a very dry area espesially ol the dry season.  |
| C1127  | 72     | No known elevation in the proximity. B/H under utilised for there are numerous o ms flowing through the valley.  |
| C5112  | 72     | No known elevation in the proximity. B/H not used by locals. They say its too heavy for them anyway, there is a permanent river about 1km from the B/H.  |
| C5159  | 72     | No known elevation in the proximity. Sample could not be obtained.   |
| C5346  | 72     | No known elevation in the proximity. Centre plug renpred and used to back fill B/H with foreign material.  |
| C6323  | 72     | No known elevation in the proximity. Towns population expanding and may exceed water supply from R/H.  |

from B/H.

C0607 73 Kajiado Railway St. Alt. 1743m.

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| B/H NO | DC | R E M A R K S |
|--------|----|---------------|
|        |    |               |

- C1183 73 Sultan Hamud Railway St. Alt. 1227m.
- C1231 73 Sultan Hamud Railway St. Alt. 1227m.
- C1391 73 Kajiado Railway St. Alt. 1743m.
- C1534 73 Kajiado Railway St. Alt. 1743m.
- C1539 73 Kajiado Railway St. Alt. 1743m.
- C2500 73 Known Elevation NBI Railway St. 1662m
- C2647 73 Kajiado Railway St. Alt. 1743m. Water contains brown particles, possibly rust from rising main.
- C2975 73 S. Hsmud Railway St. Alt. 1227m.
- C3392 73 Kajiado Railway St. Alt. 1743m.
- C3436 73 Kajiado Railway St. Alt. 1743m.
- C3481 73 S. Hamud Railway St. Alt. 1227.
- C3519 73 Sultan Hamud Railroad St. Alt. 1227m.
- C3649 73 Loitoktok bench mark 1770m.
- C3746 73 Kajiado Railway St. Alt. 1743m.
- C3836 73 Kajiado Railway St. Alt. 1743m.
- C4182 73 Kajiado Railway St. 1743m, original depth was 168m, measured borehole to 99m and was dry, no sign of water.
- C4199 73 Known elevation, Nairobi R. St. Alt. 1662.1m
- C4258 73 Kajiado Railway St. Alt. 1743m, Operator says that the borehole is not giving eneough water as it esed to give those days back.
- C4498 73 Known elevation, Kajiado Railway St. Alt. 1743m.
- C4532 73 Kajiado Railway St. Alt. 1743m, Pump undergoing repair.
- C4612 73 Sultan Hamud Railway St. Alt. 1227m.

| B/H NO | DC | REMARKS |
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- C4641 73 Kajiado Railway St. Alt. 1743m.
- C4934 73 Kajiado Railway St. Alt. 1743m.
- C6269 73 Nairobi N. ST. Alt. 1662m, 6hrs to fill 20m3 = 3.33 m3/hr.
- C6739 73 Nairobi Railway St. Alt. 1662.1m.
- C7447 73 Correct borehole No is C7447 and not C7296 as shown in photograph.
- Doiny 73 Kajiado Railway St. Alt. 1743m, C No. to be obtained from Maji House.
- Iltil 73 Loitoktok bench mark alt. 1770m, C No. to be obtained from Maji House. Borehole drilled in Feb. 1990 (RDF Borehole).
- P0016 73 Known elevation, Nairobi R. St. Alt. 1662.1m.
- P0059 73 Oloitoktok bench mark Alt. 1770m.
- C1134 74 Londiani R. St. Alt. 2296.05 m.
- C3341 74 known Elevation Metrologyial St. Kericho Alt. 1976 m. (9.00).

  Unable to get information on paragraph (F) because no one has bothered to measure how long it takes to fill the storage tank.

  Further more water is used direct to the factory therefore it doesn't rest in the reserve tank.
- C4655 74 Met.St. Kericho Alt. 1976 m. Borehole giving quite a good amount of water unable to get information on item F because the borehole pumps for 24 hrs none stop and the discharge is used direct in the factory.
- C4868 74 K.A.R.I Kericho Alt. 1976 m.
- C0037 75 No known elevation in the proximity. Borehole needs Rehabilitation.

| B/H NO | DC | REMARKS  |
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| C0372  | 75 | No known elevation in the proximity. Yield 0.48m3/hr.  |
| C0523  | 75 | Nanyuki Railway station 1947 m. Pump taken to<br>Nairobi by Davis and Shatliff staff for repair.   |
| C0884  | 75 | No known elevation in the proximity. Elevation from maps Pump broke down a fortnight ago.  |
| C1646  | 75 | No known elevation in the proximity. Borehole well itilized.   |
| C1767  | 75 | No known elevation in the proximity.   |
| C1785  | 75 | No known elevation in the proximity.   |
| C1813  | 75 | No known elevation in the proximity. Town demand will soon overcome supply.  |
| C1977  | 75 | No known elevation in the proximity. Borehole in order but for an engine to drive it.  |
| C2349  | 75 | No known elevation in the proximity. Engine broke down in 1988. Pump was in good condition. At present no water source for about 10 km Square.   |
| C2561  | 75 | No known elevation in the proximity.   |
| C3420  | 75 | No known Elevation in the proximity. Borehole unable to meet demand.   |
| C3670  | 75 | No known elevation in the proximity. Water wasted for there is no storage tank.  |
| C4180  | 75 | Nyahururu Railway Station Elevation 2,360.7 m. Pumps after every 2 days.   |
| C5019  | 75 | Nanyuki Railway station 1947 pump's Electrical cable disconnected. Hence, water can't be sampled. At present the Base is using treated water from Nanyuki Municipal Supply. But Borehole at standby. Power disconnected at Cedntral Panel. |

C5069 75 No known elevation in the proximity.

| B/H NO | DC | REMARKS |
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- C5139 75 No known elevation in the proximity. No details available.
- C5140 75 No known elevation in the proximity.
- C5197 75 No known elevation nearby. Boehole very useful during the dry season.
- C6366 75 Nanyuki Railway station 1947 m. There is very little wind here.
- BHNol 76 Known elevation Nakuru railway Station 1850.75. No to be confirmed from Maji House since there are four Borhole at one place it is not easy to tell which is which.
- C0422 76 Known elevation at Molo township altitude 2458.21 m. Molo Town Water supply.
- C0736 76 Known elevation at Nakuru Railway station Altitude 1850.75 m.
- C2704 76 Known elevation: Mbaruk Railway Station
  Altitude.Borehole 2 has to fill the estimated Tank.
- C5819 76 Known elevation Mbaruk Railway station Altitude 1884.88m(1315). Borehole drilled and capped awaiting installation of pump. Power line already at source.
- C6056 76 Londiani Railway station altitude 2296.05 m. Borehole drilled and capped.
- C7381 76 Known elevation. Kamai Moto Railway station Altitude, 1764.2 m.(11.45) unable to get water rest level. Check with Vortex drilling, they drilled and pump tested the Borehole. Pump details check with Vortex drilling who did the installation as owner has no idea.
- C7729 76 Nakuru Railway Station 1850.75 m. Borhole is only used for emergency cases. It is on saturday when Municipal Water fails is when they use the Borehole.
- C8297 76 Njoro Railway station altitude 2068.35 m. Njoro town suppy.

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| B/H NO | DC | REMARKS |
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- NdibF 76 Known elevation Nakuru Railway Station Altitude 1850.75m. C No shown in Phodtograph is not the correct one. This is a new Borehole drilled by Ngata Workshops on 18/5/73. Correct C No to be obtained from Maji House. Drilled Ngata, 18/5/73.
- Barat 77 Eldoret rly. sta. = 2096.41m.

  Borehole only used during dry season or for emergencis.
- C2689 77 Eldoret rly. sta. 2096.41 m ams1

  Pump used to be run by a lister engine, but when it broke down a"Jua Kali" conversion was done. The volumetric outflow shouldthis to be less efficient than most hand-pumps.
- C6098 77 Note: Photo shows C-6331 in Uasin Gishu
  District: this is an error, the board should read
  C-6098, NandiDistrict. The borehole lies near the
  inter-district boundry
- C6306 77 Eldoret rly. sta. = 2096.41 m amsl. (t = 0815).

  Boerhole used to be pumped at 30 lpm, to fill the tank in 11hours: now it fills in 20 hrs,a yield of 16.7 lpm. Yieldreduction.
- C6331 77 Eldoret rly. sta. = 2096.41 m amsl.
  Factory Engineer states that borehole delivers insufficient water for daily requirement: however, actual yield was not stated.
- C3525 78 Narok inst. sta. 1890 m
- C4695 78 Known elevation Kenorok Met. st. 1602 m.Borehole drilled and capped
- C4831 78 Known elevation Narok Metrologyical St. Alt. 1890 m.Borehole drilled and capped
- C6017 78 Narok met. st. Alt. 1890 m. Borehole drilled capped
- C6082 78 known elevation KARI (kisii) Alt. 1770 m. During rainy season

| B/H NO | DC<br> | REMARKS   |
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|        |        | pump may work for about 3-4 hrs a day and 6 hrs in dry season   |
| C6806  | 78     | Kekorok met. st. 1602 m. Borehole has pletty of water, they are soon starting a school. And a bigger tank is under construction                                 |
| C8315  | 78     | Known elevation Narok Met. St. Alt. 1890m. Borehole not giving enough water to run the camp. So they are using river water to burst them.                       |
| C1639  | 79     |   |
| C1776  | 79     | Can be rehabilitated.   |
| C2750  | 79     | No known elevation in the proximity, borehole has silted and has prompted a new borehole to be sunk (drilling was just in progress) 7m away.                    |
| C3505  | 79     | No known elevation in the proximity, Kijito pump out of order for the last 2 months.  |
| C3566  | 79     | No known elevation in the proximity.  |
| C3599  | 79     | No known elevation in the proximity, borehole underutilized.  |
| C3651  | 79     | Solar pump operating because area overcast almost throughout the year.  |
| C3808  | 79     | No known elevation in the proximity.  |
| C3832  | 79     |   |
| C3833  | 79     | No known elevation in the proximity of Lee Howl, most boreholes equipped with Southern Cross pumps impossible to take water level using our electrical dippers. |
| C3855  | 79     |   |
| C3869  | 79     |   |
| C4315  | 79     | No known elevation in the proximity, Hospital has 3No. working boreholes and all take water to one  |

storage tank.

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| B/H NO | DC | REMARKS   |
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| C4316  | 79 | Engine has been broken down for the last three weeks.   |
| C4417  | 79 |   |
| C4513  | 79 | Not possible to sample for the pump is inside the borehole, this borehole supplements gravity main supply from Moltens Ranges Springs.      |
| C7190  | 79 | No known elevation in the proximity.  |
| C7191  | 79 |   |
| C7908  | 79 |   |
| C7911  | 79 | Borehole condemned due to its high mineral content.   |
| C7914  | 79 |   |
| C7915  | 79 | Borehole cap vandalised and filled with stones to 10m below the ground level.   |
| C7917  | 79 | No known elevation in the proximity, borehole works continuously for there is not any other source of water in the proximity.               |
| C7918  | 79 |   |
| C7919  | 79 |   |
| C7921  | 79 | No known elevation in the proximity, during the rains (like now) the water level raises above ground level but drops to 0.7m in dry season. |
| C7922  | 79 |   |
| A8569  | 79 |   |
| B8569  | 79 | No known elevation in the proximity, borehole muddy needs development.  |
| C8990  | 79 | No known elevation in the proximity, 10m from C8990 is a borehole that ran dry and prompted this one to be drilled.                         |
| C9068  | 79 | Water sampled MVDOY with dead black ants. Borehole needs development.   |

| B/H NO | DC | REMARKS  |
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| C9119  | 79 |  |
| Lorok  | 79 |  |
| Wamba  | 79 | No known elevation in the proximity.   |
| C7312  | 81 | Known elevation at kitale rly. sta. = 1894 m amsl. Borehole equipped with monolift pump. |
| C7827  | 81 | Known elevation webuge Railway St. 1505m   |
| C8140  | 81 | Kitale rly. sta. = 1894 m amsl. Borehole drilled & capped.                               |
| C8509  | 81 | Known elevation Kitale rly. sta. = 1894 m amsl<br>Borehole drilled & capped              |
| C8826  | 81 | known elevation at kitale rly. sta. = 1894 m amsl. Borehole drilled and capped           |
| C9299  | 81 | Kitale rly. sta. = 1894 m amsl<br>Borehole drilled and capped.                           |
| C3789  | 82 | No dipper access. Very old piston pump (see photograph).                                 |
| C5076  | 82 | No dipper access in handpump mounting.   |
| C5079  | 82 | No pump installed; borehole drilled and capped. Drilled by Turno-Metal Ltd.              |
| C5080  | 82 | No dipper access in handpump mounting.   |
| C5082  | 82 | Drilled and capped; reported abandoned, certainly not in use at present.                 |
| C5088  | 82 | No dipper access in handpump mounting.   |
| C5100  | 82 | No pump installed: borehole adjacent where "the bomb was dropped" some years ago.        |

C5621 82 No dipper access in handpump mounting.

Table 4 : Remarks

| B/H NO | DC | REMARKS  |
|--------|----|--|
| C5625  | 82 | No dipper access in handpump mounting.   |
| C5636  | 82 | No dipper access in handpump mounting.   |
| C5644  | 82 | No dipper access in handpump mounting. NOTE: the photograph is erroneously marked TWP 177 - this TWP well is C-5644. |
| C5653  | 82 | No dipper access in handpump mounting.   |
| C5773  | 82 | No dipper access in handpump mounting.   |
| C5840  | 82 | Borehole water reported by local people to be "too salty" - borne out by the EC25 figure given in 7 above.           |
| C5843  | 82 | No dipper access in handpump mounting.   |
| C5859  | 82 | Drilled and Capped: little information available.  |
| C5861  | 82 | No dipper access in handpump mounting.   |
| C5867  | 82 | Drilled and Capped.  |
| C5872  | 82 | No dipper access.  |
| C6087  | 82 | No pump installed: borehole drilled and capped.  |
| C6521  | 82 | No pump installed: borehole drilled and capped.  |
| C6538  | 82 | No dipper access in handpump mounting.   |
| C6540  | 82 | No dipper access in handpump mounting.   |
| C6541  | 82 | Borehole drilled and capped. Salty water.  |
| C6548  | 82 | No dipper access in handpump mounting.   |
| C6553  | 82 | No dipper access in handpump mounting.   |
| C6554  | 82 | No dipper access in handpump mounting.   |
| C6563  | 82 | Borehole drilled and capped.   |
| C6564  | 82 | Drilled and capped: salty to the taste.  |
| A6568  | 82 | No dipper access in handpump mounting. NOTE: could be C-6558.  |

| B/H NO | DC | REMARKS |
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|        |    |         |

- B6568 82 Dry hole, abandoned.
- C6569 82 No dipper access in handpump mounting.
- C6570 82 No dipper access in handpump mounting.
- C6583 82
- C6585 82 No dipper access in handpump mounting. Spring located near the well, used by local people.
- C7634 82 No dipper access in handpump mounting.
- C7637 82 No dipper access in handpump mounting. Spring, located some 50 m from handpump, is clearly visible on the photograph.
- C7654 82 No dipper access.
- C7659 82 No dipper access in handpump mounting.
- C7663 82 No dipper access in handpump mounting.
- C7668 82 No dipper access in handpump mounting.
- C7674 82 No dipper access in handpump mounting.
- C7678 82 No pump installed; borehole drilled and capped.
- C7810 82 Access possible because pump had been removed for repair.
- C8443 82 Drilled and capped.
- TW274 82 No dipper access in handpump mounting.
- C2762 83 Known elevation at Moi's Bridge (1802 m amsl). 120 m of 2" GI riser pipe serves a 20 m3 ground tank, which serves Loreto Convent High School. The tank takes 8 hours to fill, giving a yield of 42 l/min. Pumping only occurs during the term-time (approx. 36 wks per year). No dipper access to well-bore.
- C3153 83 Borehole has not been used since some pipes (and possibly a pump ??) fell into the hole in July 1989, and have not been fished out yet. The tank, of 45 m3 capacity, is reported to fill in 8 hours; this gives a yield of the Southern Cross pump (? in

| B/H NO | DC | REMARKS |
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the hole now) of 94 lpm. Elevation check at Anabkoi Rly Stn of 2529 m amsl.

- C4333 83 Known elevation at Leseru Rly. Stn (1978 m) 25 min prior to site visit. 24 m3 elevated tank some 2000 m from b/h. Riser is dia. 2", pump installed 1980.
- C7763 83 Known elevation was at Eldoret Rly. Stn (2096 m amsl). The pump, in a small pump house, serves an elevated 12 m3 tank some 10 m distant (gate-valve on 1.25" riser). 4-hour filling time gives a yield of approx. 50 l/min. Used for farm and domestic supply.
- C9415 83 Elevation taken at Tumeiyo Rly Stn (1825 m).

  Borehole may yet serve the needs of Mr Kipkoskei S

  A Buigutt, in the Saito area; the hole is currently capped and not in use.
- Ngeri 83 Borehole drilled and capped, awaiting installation of pumping plant. To serve Ngeria Prison. Elevation datum at Eldoret Rly Stn, at 2096.41 m amsl.
- C4557 84 No known elevation in the proximity.
- C5414 84 No known elevation in the proximity. B/H producing very little water suspect
- C5430 84 No known elevation in the proximity. Hand pump needs service.
- C5431 84 No known elevation in the proximity. Rods disconnected.
- CD914 84 No known elevation in the proximity.
- D1503 84
- C5284 91 Bungoma rly. sta. = 1433.17 m amsl (1300 hrs: 1635 hrs)

  \* means No dipper line
  Mean yield (volumetically) late from 85 sec. to
  fill 20 l can:
- C5288 91 Bungoma rly. sta. = 1433.17 m amsl (1105 hrs: 1730 hrs). Drilled & capped.
- C7506 91 Bungoma rly. sta. = 1433.17 mamsl (1240 hrs).

B/H NO DC REMARKS

Tanks fill in one hour, ie 8 m3/hr or 133 lpm.

- C7999 91 Webuye rly. sta. = 1505.71 m amsl (0825 hrs; 1105 hrs).

  NOTE: Photo is labelled 7507 in error.

  Tank & reticulation in place, awaiting the installation of the pump.
- C8389 91 Webuye rly, sta. = 1505 m amsl. (1300 hrs)
  No dipper line
  No data available on discharge.
- C8771 91 Bungoma rly. stu. = 1433.17 (1035 hrs).
  Drilled and capped.
- C5123 92 Malaba rly. sta. = 1189 m amsl (1445 hrs, 1645 hrs).
- C5189 92 Yala rly. sta. = 1412 m amsl (1030 hrs)
  No dipper line.
- C5944 92 Nyanga Railway St. 1247.55m awsl
- C5975 92 Yala rly. sta. elev. = 1412 m (1030 hrs)
  Drilled & capped.
- C6129 92 Bungoma rly. sta. = 1433.17 m amsl (1105 hrs, 1730 hrs) No dipper line.
- C7891 92 Myanga rly. sta. = 1245.55 m amst (1415 hrs)
  No dipper line.
- C5246 93 Calibration elevation at NARS, Kakamega = 1585 m amsl Borehole not equipped.
- C7024 93 known elev. at Butere rly. sta. = 1375 m amsl (0945 hrs). Drilled & capped.
- C7068 93 Calb. elevation webuye rly. sta. = 1505.71 m amsl (t= 1807 hrs). Observation borehole.
- C7559 93 Calib. elev. at Bungoma rly. sta. = 1433.17 m amsl.

  No dipper line
- C8534 93 Calib. elev. at Butere rly. sta. = 1375 m amsl. Drilled & capped.

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# Table 4: Remarks

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|--------|----|---------------------------------------|
| B/H NO | DC | REMARKS                               |
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C8556 93 Calib. Elev. at Turbo rly. sta. = 1809 m amsl (t = 1330 hrs). Tanks takes 5 hrs, to fill, so Q = 16/5 = 53 lpm.

No dipper line.

