

Ruangwa District

Mihewe (1/5)

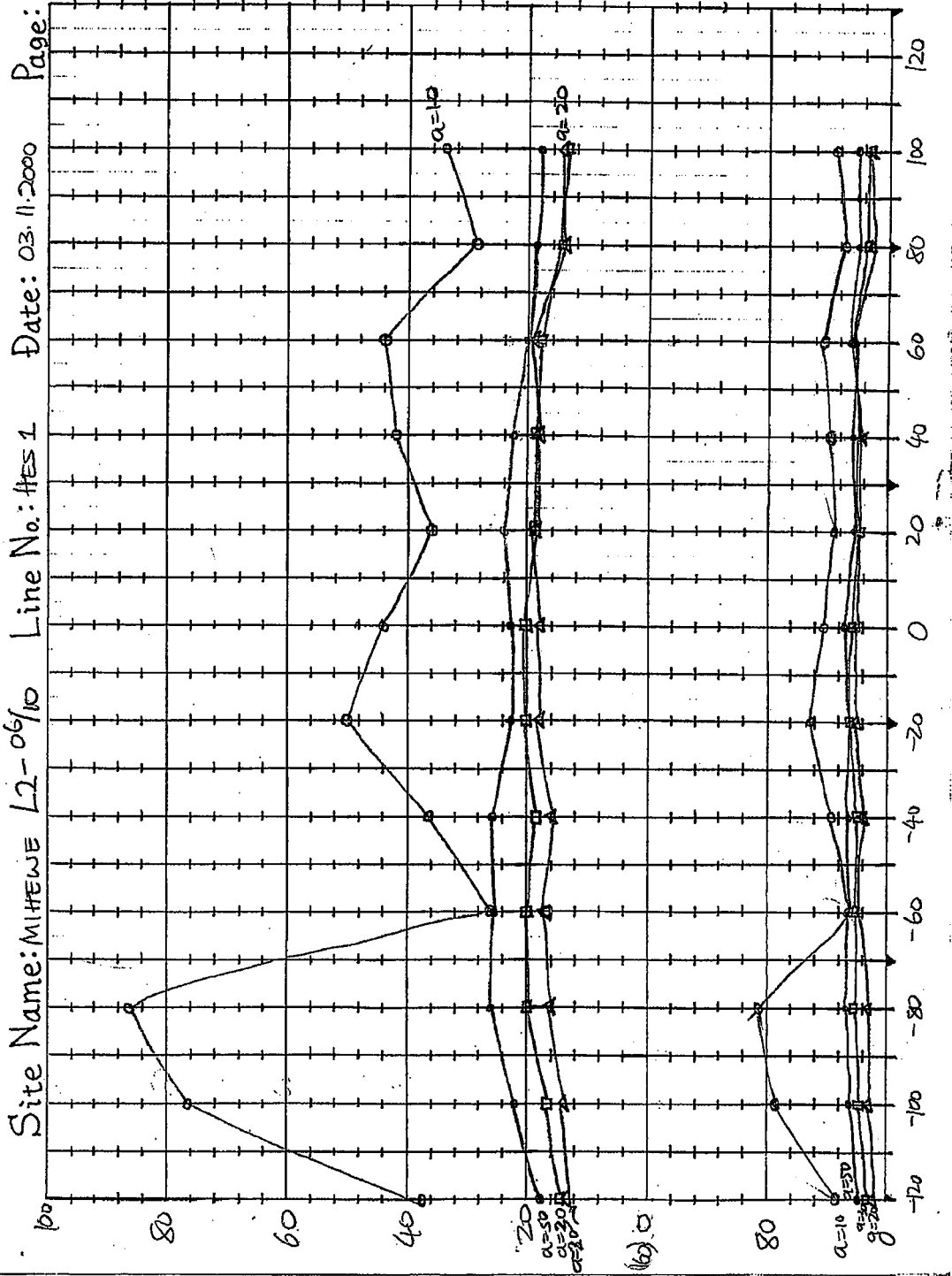
11:15 - 14:30

Site Name: MIHEWE L2-06/0 Line No.: HES1 Date: 03.11.2000 Page: /

WEST		EAST													
H	A	-120	-100	-80	-60	-40	-20	0	20	40	60	80	100	120	140
(R)	0.5763	11.458	1.2295	9.4983	1.3850	3.1614	0.4124	10.382	0.5805	0.6645	0.8026	15.834	0.6954	0.91970	
(P)	37.45	359.78	77.21	298.25	86.98	99.27	25.9	325.99	36.46	209.27	50.4	497.2	43.67	288.79	
(R)	0.1047	0.2096	0.1137	0.1829	0.1256	0.2183	0.1378	0.1747	0.1265	0.1730	0.1425	0.2018	0.1405	0.2049	
(P)	13.15	19.74	14.28	17.32	15.78	20.56	17.31	16.46	15.87	16.30	17.94	19.01	17.65	19.30	
(R)	0.0808		0.0882		0.1054		0.1077		0.0968		0.1044		0.1064		
(P)	15.22		16.62		19.86		20.29		18.24		19.67		20.05		
(R)	0.0586		0.070		0.0817		0.0790		0.0785		0.0727		0.0740		
(P)	18.4		22.0		25.65		24.81		24.65		22.83		23.24		

WEST		EAST													
H	A	20	40	60	80	100	120	140	160	180	200				
(R)	0.5859	2.4732	0.6761	4.4481	0.6965	8.1672	0.4640	4.1129	0.5448	6.4690					
(P)	36.8	77.66	42.46	145.95	43.74	256.45	29.14	129.15	34.21	203.13					
(R)	0.1521	0.1980	0.1437	0.2565	0.1556	0.2203	0.1146	0.1506	0.1201	0.1571					
(P)	19.10	18.65	18.0	24.16	19.54	20.75	14.4	14.2	15.1	14.8					
(R)	0.0966		0.0936		0.0977		0.0818		0.0756						
(P)	18.2		17.63		18.41		15.41		14.24						
(R)	0.0769		0.0725		0.0651		0.0592		0.0584						
(P)	24.15		22.77		20.44		18.6		17.71						

Mihewe (2/5)



Mihewe (3/5)

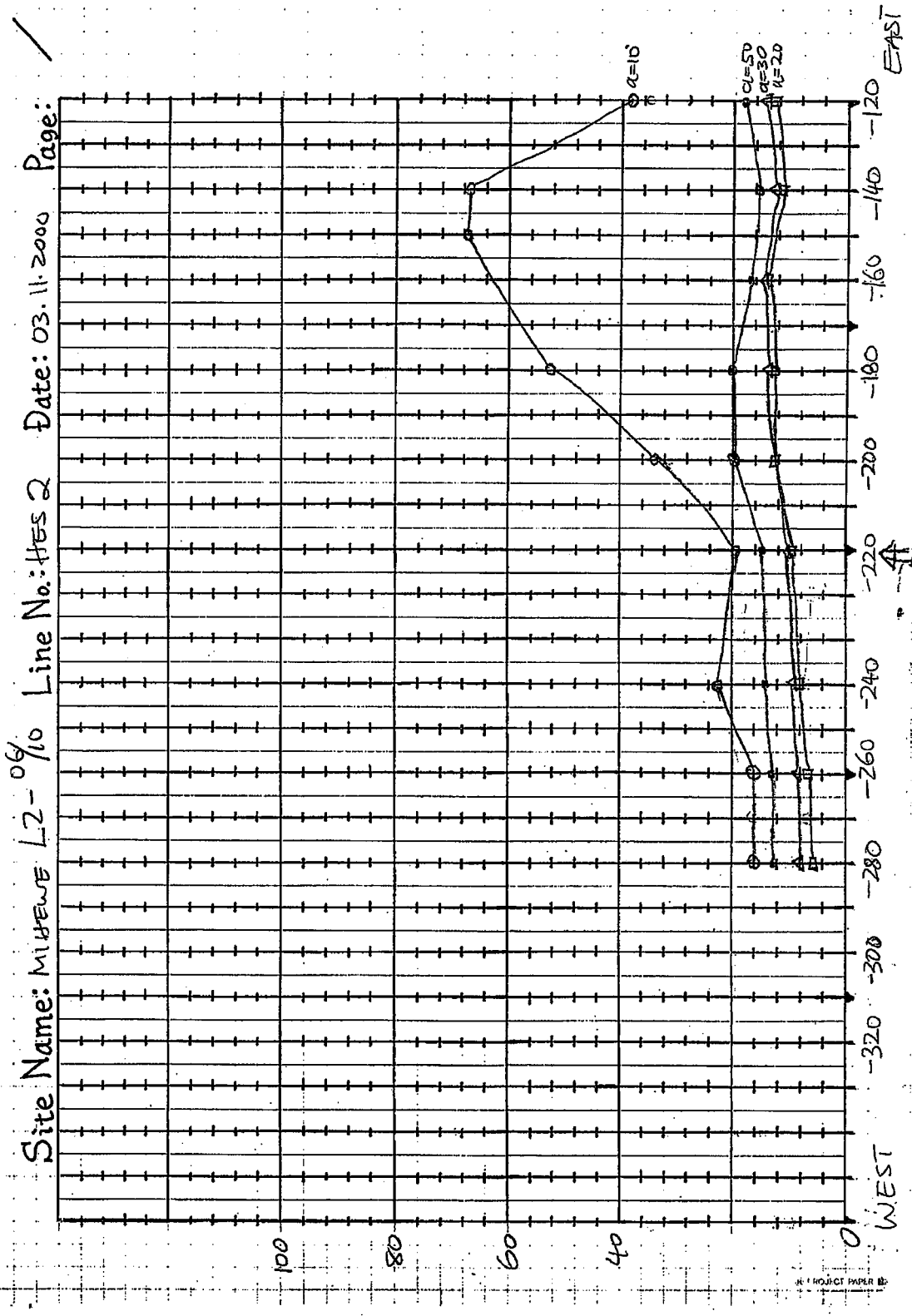
16:35 - 19:00

Site Name: MIHEWE L2-06/10 Line No: HES 2 Date: 03.11.2000 Page: WEST

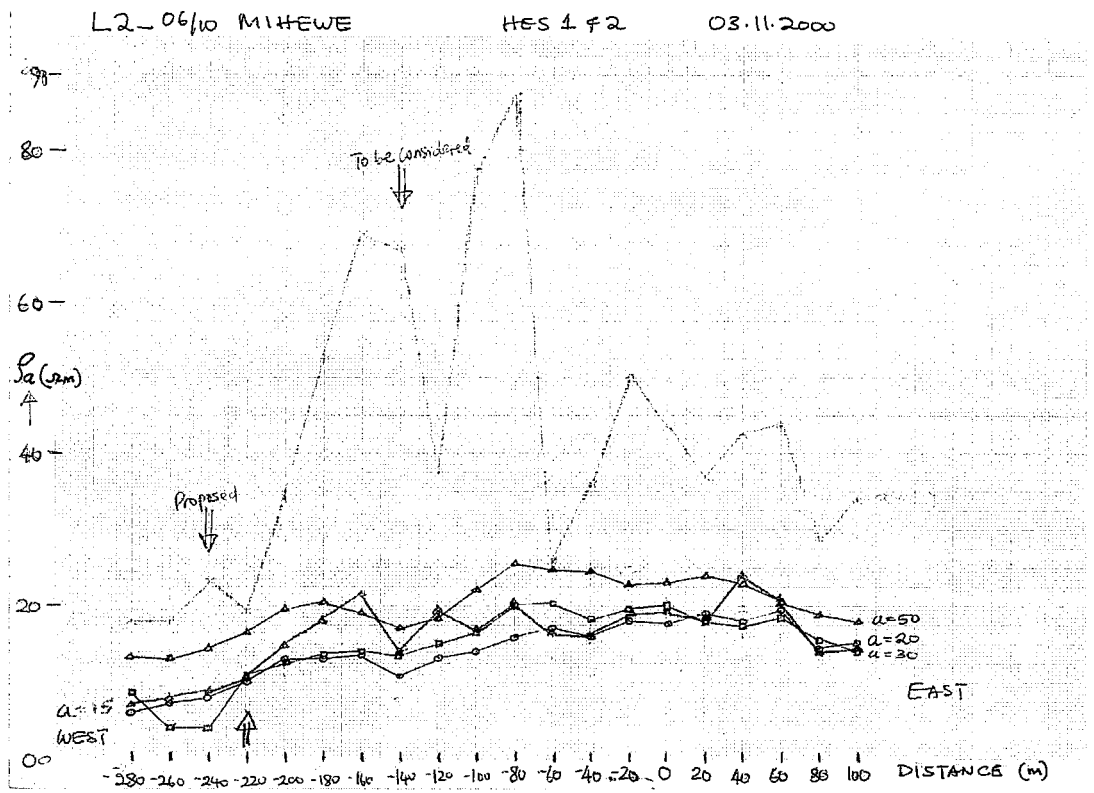
EAST												WEST	
H	-140	-160	-180	-200	-220	-240	-260						
(R)	1.0675	1.0966	0.8412	0.5423	0.3101	0.1689	0.2890						5.2006
(Pa)	8.5951	13.381	52.83	14.925	9.7034	3.689	5.4511						164.9
(R)	67.04	269.89	68.9	468.65	304.69	19.47	115.61						15.0821
(Pa)	0.0854	0.1527	0.1097	0.1902	0.1581	0.0807	0.0625						8.7
(R)	10.73	14.38	21.41	17.92	14.89	10.14	7.85						7.73
(Pa)	0.0714	0.0759	0.0730	0.0677	0.0598	0.0480	0.0485						
(R)	13.45	14.28	13.75	12.75	11.27	9.0	9.14						
(Pa)	0.0553	0.0617	0.0651	0.0625	0.0529	0.0463	0.0422						
(R)	17.36	19.37	20.44	19.63	16.61	14.54	13.25						

EAST												WEST	
H	-280												
(R)	0.2899												
(Pa)	18.21												
(R)	0.0479												
(Pa)	6.0												
(R)	0.0460												
(Pa)	8.7												
(R)	0.0427												
(Pa)	13.41												

Mihewe (4/5)



Mihewe (5/5)



Litama (1/2)

9:30-13:15 L2-03/10

Ah= Site Name: LITAMA Line No.: HES 1 Date: 06.11.2000 Page: /

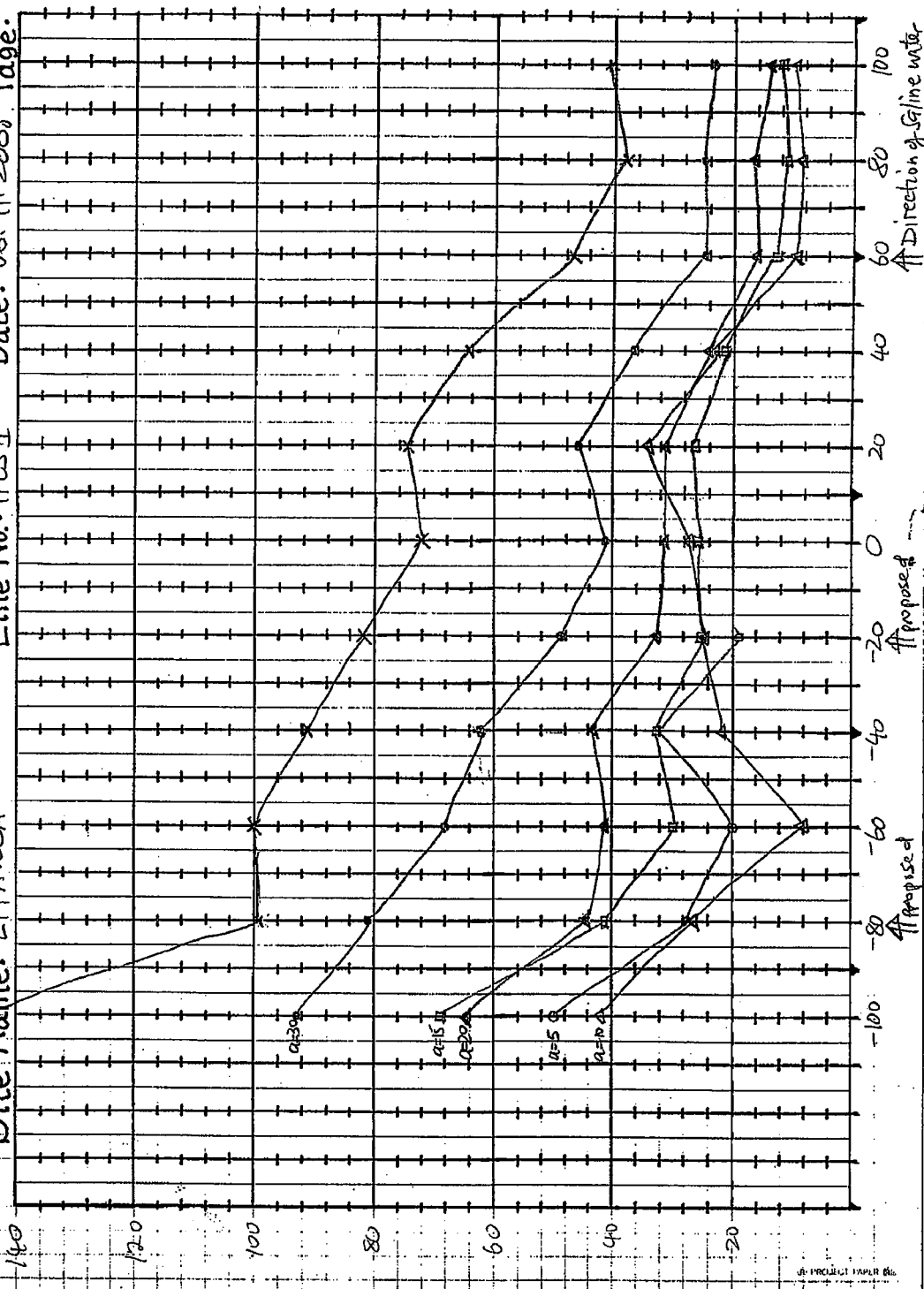
H	-100	-80	-60	-40	-20	0	20
(R)	0.6641	0.4181	0.2891	0.1325	0.3041	0.4295	0.5526
(Pa)	1.5892	0.8670	0.6414	1.0678	0.8921	2.4972	4.1925
(R)	41.71	26.26	27.22	22.14	19.1	27.0	34.7
(Pa)	149.9	0.4701	0.4413	0.3471	0.2680	0.2493	0.2470
(R)	65.37	68.41	41.57	43.6	33.03	31.31	31
(Pa)	0.5459	0.4295	0.3610	0.3390	0.2645	0.2189	0.2479
(R)	93.7	80.92	68.0	63.87	49.83	41.24	46.61
(Pa)	0.4632	0.3180	0.3202	0.2902	0.2621	0.2307	0.2407
(R)	145.44	99.85	100.5	91.12	82.3	72.64	75.6

H	40	60	80	100			
(R)	0.3610	0.1634	0.1501	0.1619	0.7881		
(Pa)	3.1624	0.5952	0.5952	0.6342	0.7881		
(R)	22.67	10.26	9.43	10.17	24.75		
(Pa)	99.3	18.7	18.7	20.0	24.75		
(R)	0.1930	0.1337	0.1222	0.1236	0.1289		
(Pa)	0.2401	0.1424	0.1424	0.1246	0.1289		
(R)	24.24	16.8	16.62	15.52	12.14		
(Pa)	22.62	13.41	11.74	15.52	12.14		
(R)	0.1975	0.1326	0.1235	0.1252			
(Pa)	37.21	25.0	23.3	23.6			
(R)	0.2081	0.1514	0.1248	0.1324			
(Pa)	65.34	47.54	39.2	41.57			

Litama (2/2)

L2-03/10

Site Name: ^{N=50}LITAMA Line No.: HES 1 Date: 06.11.2000 Page: /



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Ipingo (1/4)

L2 - 02/10 11:55-15:30

Ah = ~~WEST~~ Site Name: Ipingo Line No.: HES1 Date: 01.11.2000 Page: /

H	-80	-60	-40	-20	0	20
(R)	1.3051	0.5639	0.4401	0.5243	0.5038	0.4776
(Pa)	81.76	35.41	27.64	32.93	31.64	29.99
(R)	0.1562	0.1582	0.1747	0.2129	0.2114	0.2237
(Pa)	19.62	19.87	21.57	26.74	26.55	28.1
(R)	0.1445	0.1418	0.1672	0.1842	0.1962	0.1947
(Pa)	27.22	26.72	31.5	34.7	36.73	36.68
(R)	0.1280	0.1329	0.1538	0.1674	0.1824	0.1527
(Pa)	40.2	41.73	48.29	52.56	57.27	47.95

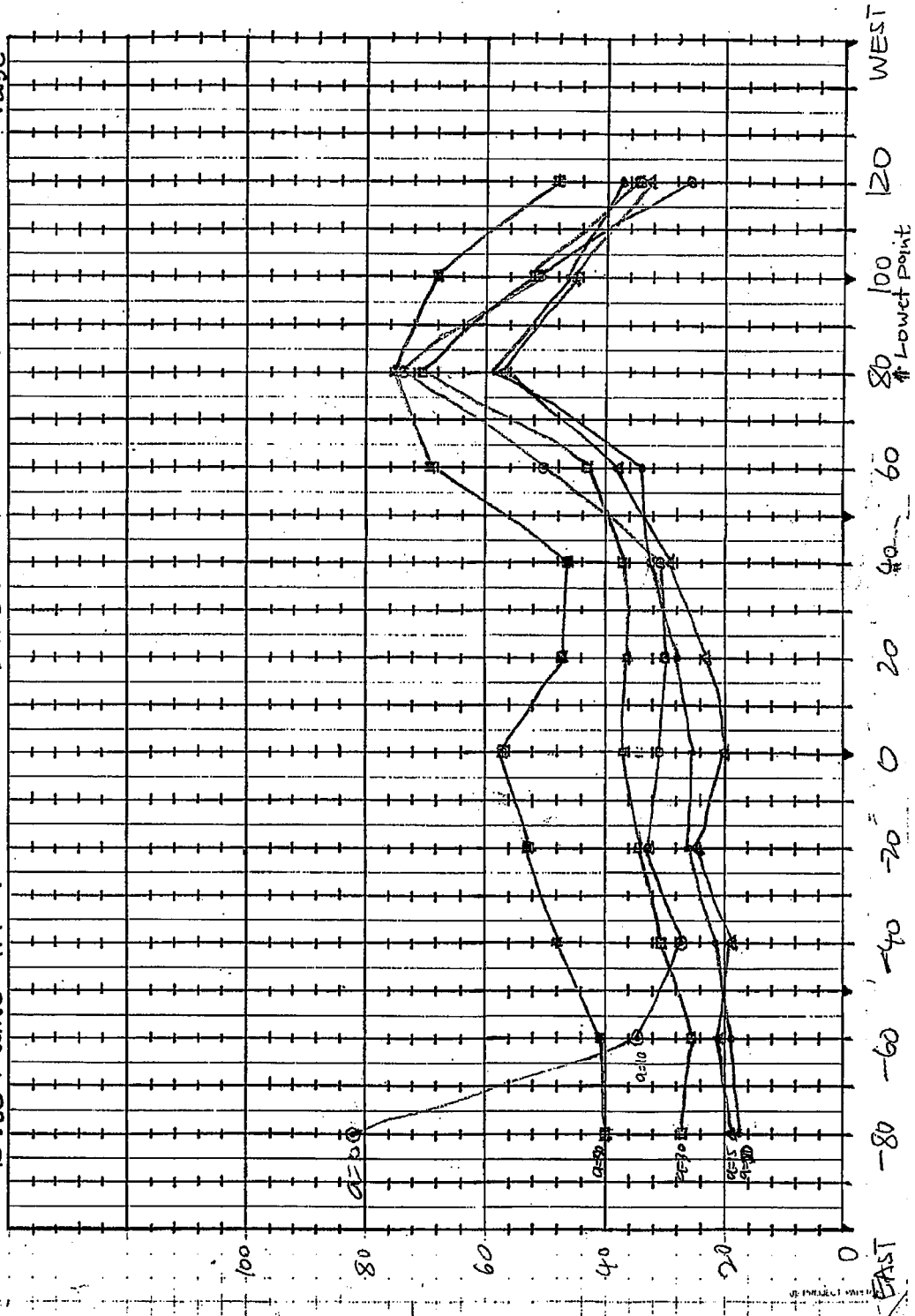
WEST

H	40	60	80	100	120
(R)	0.5054	0.8197	1.1866	0.8199	0.4227
(Pa)	31.74	51.48	74.52	51.49	26.55
(R)	0.2619	0.2872	0.4672	0.3774	0.2990
(Pa)	32.85	36.1	58.68	47.4	33.86
(R)	0.1994	0.2222	0.3764	0.2781	0.1839
(Pa)	37.57	44.86	70.91	52.39	34.65
(R)	0.1490	0.2219	0.2412	0.2173	0.1532
(Pa)	46.79	69.68	75.74	68.23	48.1

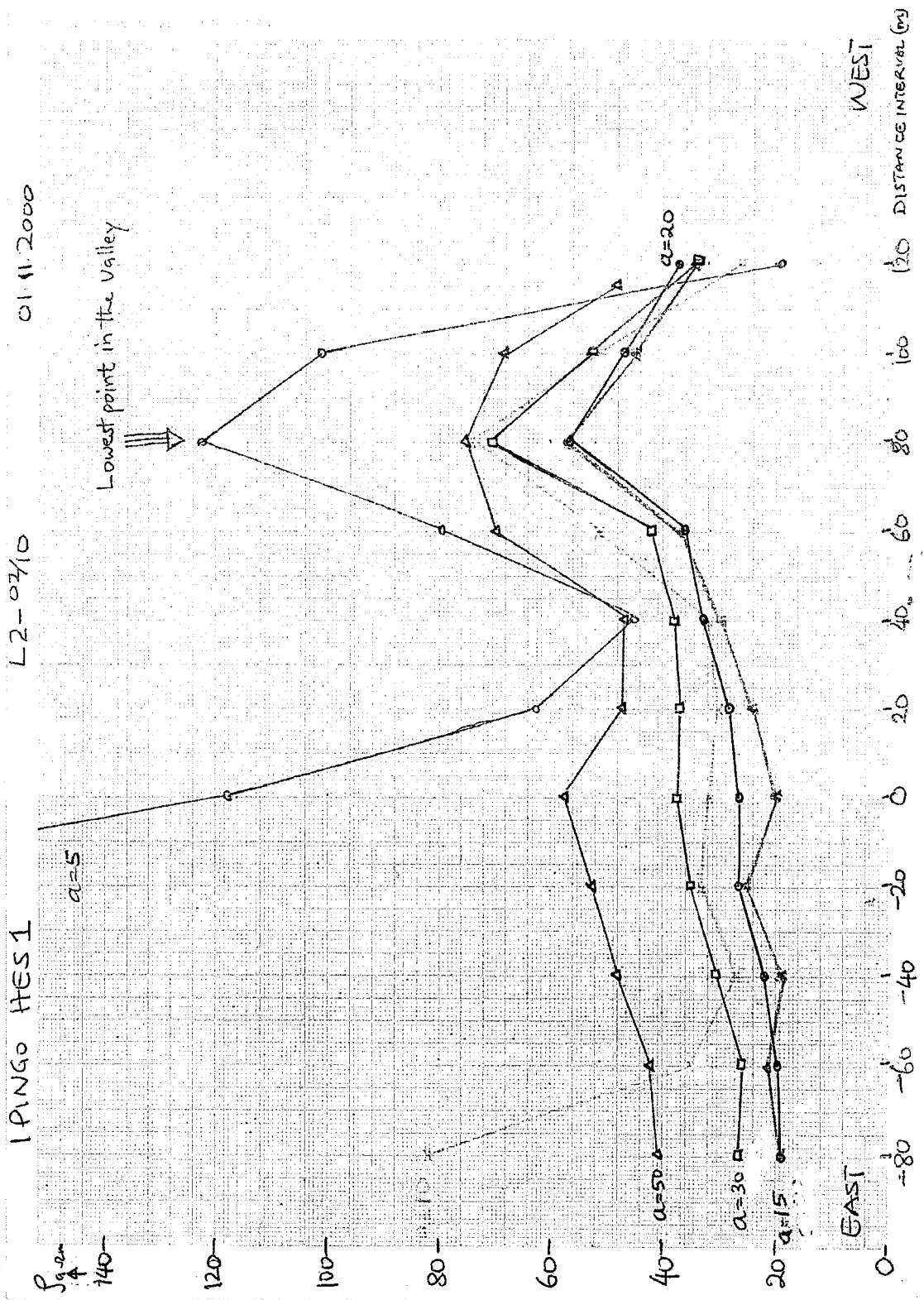
Ipingo (2/4)

L2-02/10

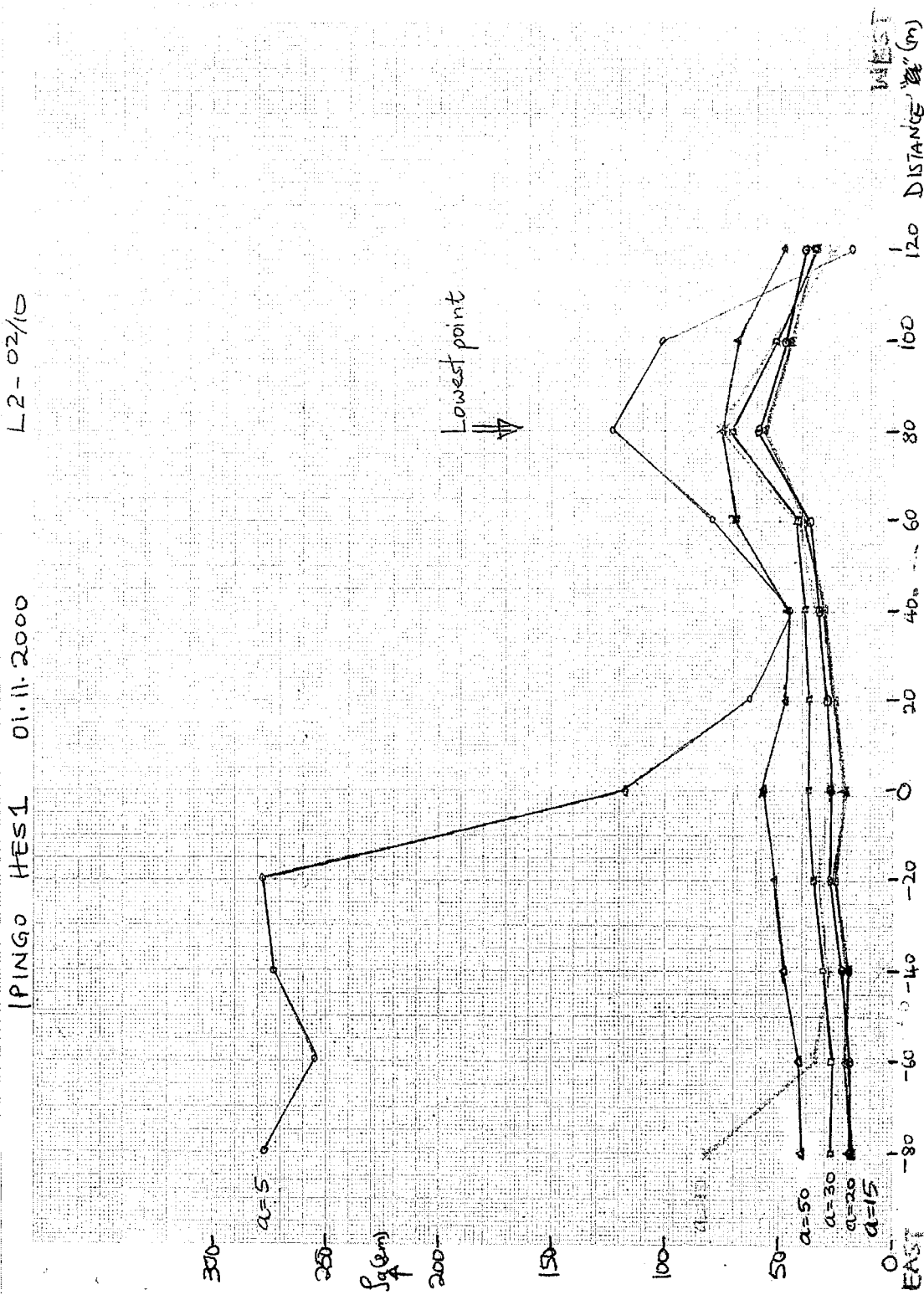
Site Name: Ipingo Line No.: HES 1 Date: 01.11.2000 Page: /



Ipingo (3/4)



Ipingo (4/4)



Chilangalile (1/2)

East

West

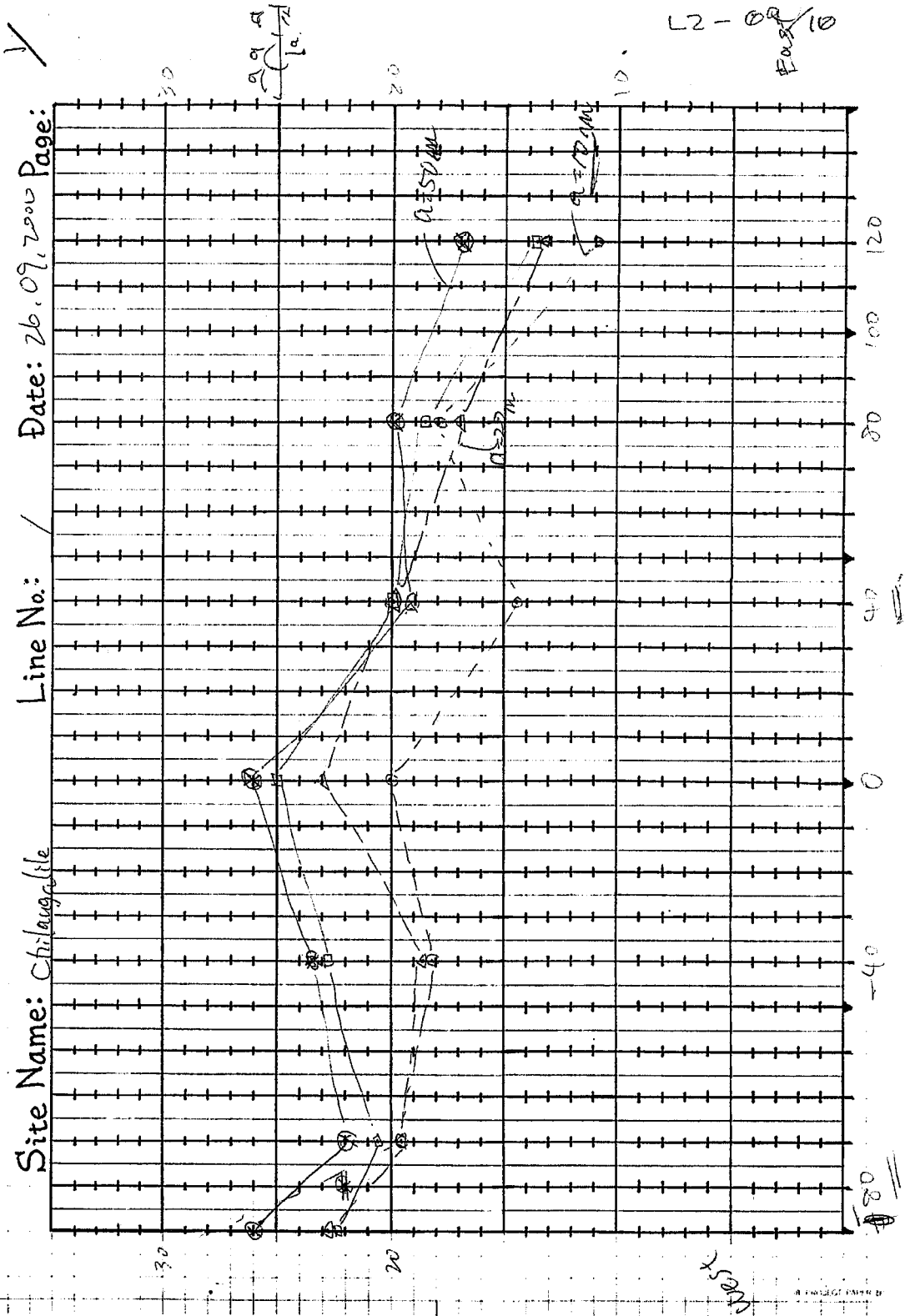
Ah=40 Site Name: CHILANGALILE Line No: / Date: 26.09.2000 Page: /

H	-120	-80	-40	0	40	80	120
(R)	0.6570	0.3128	0.2907	0.5761	0.2907	0.3128	0.6570
(Pa)	41.26	19.6	18.26	18.1	18.26	19.6	41.26
(R)	0.1811	0.1560	0.1476	0.1764	0.1476	0.1560	0.1811
(Pa)	22.75	19.6	18.54	15.62	18.54	19.6	22.75
(R)	0.1185	0.1076	0.1206		0.1206	0.1076	0.1185
(Pa)	22.33	20.65	22.72		22.72	20.65	22.33
(R)	0.0827	0.0701	0.0742		0.0742	0.0701	0.0827
(Pa)	25.97	22.0	23.3		23.3	22.0	25.97

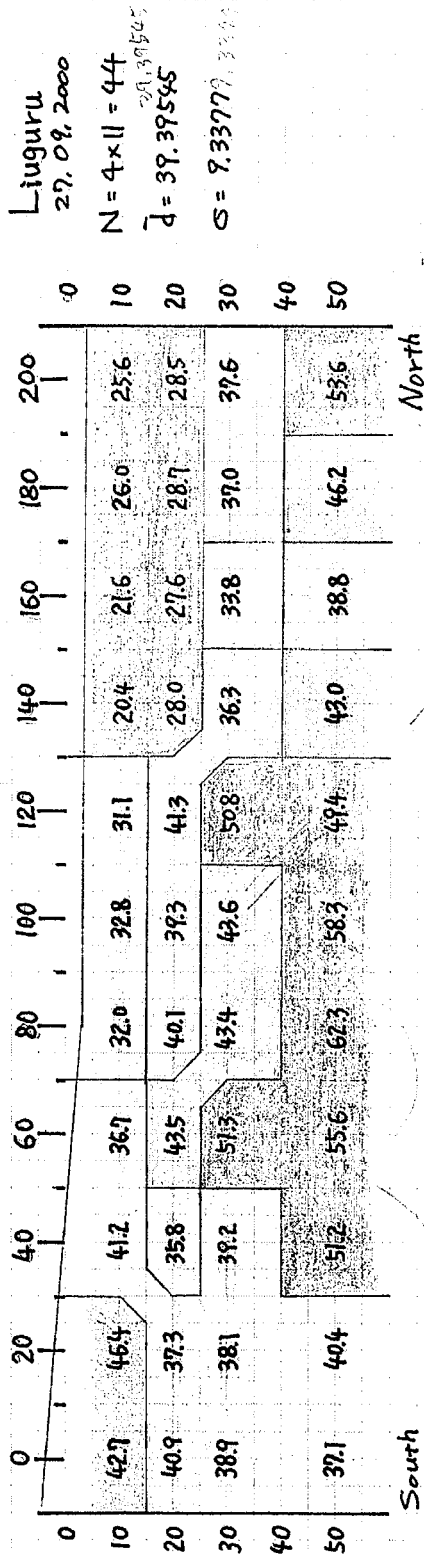
L2-09/10

H	+0	+40	+80	+120
(R)	0.3182	0.2286	0.2854	0.1708
(Pa)	19.98	14.4	17.9	10.7
(R)	0.1828	0.1579	0.1353	0.1050
(Pa)	22.96	19.8	16.9	13.2
(R)	0.1327	0.1057	0.0972	0.0708
(Pa)	25.0	19.9	18.3	13.3
(R)	0.0816	0.0612	0.0626	0.0521
(Pa)	25.62	19.22	19.7	16.4

Chilangalile (2/2)



Liuguru (1/3)



$\bar{d} - S = 30.1$
 $\bar{d} - \frac{1}{3}S = 34.0$
 $\bar{d} - \frac{1}{2}S = 36.3$
 $\bar{d} - \frac{1}{3}S = 42.5$
 $\bar{d} - \frac{1}{3}S = 48.7$



$\bar{d} - S = 30.1$
 $\bar{d} - \frac{1}{3}S = 36.3$
 $\bar{d} + \frac{1}{3}S = 42.5$
 $\bar{d} + S = 48.7$

L2 - 08/10

Liuguru (2/3)

South ^{Kusini} Liuguru → North
 Ah= 20 Site Name: Liuguru Line No: / Date: 27.09.2000 Page: /

H	60	40	20	0	20	40	60	80	100
(R)	0.6795	0.17386	0.22809	0.6553	1.8208	0.5839	1.3816	0.5101	1.2040
(Pa)	42.7	46.4	47.6	41.2	57.2	36.7	47.4	32.0	37.8
(R)	0.3259	0.2967	0.3860	0.2853	0.3866	0.3460	0.4055	0.3190	0.4021
(Pa)	40.9	37.3	36.4	35.8	36.4	43.5	38.2	40.1	37.9
(R)	0.2067	0.2022		0.2079		0.2725		0.2303	
(Pa)	38.9	38.1		39.2		51.3		43.4	
(R)	0.1181	0.1287		0.1629		0.1771		0.1952	
(Pa)	39.1	40.4		51.2		55.6		62.3	

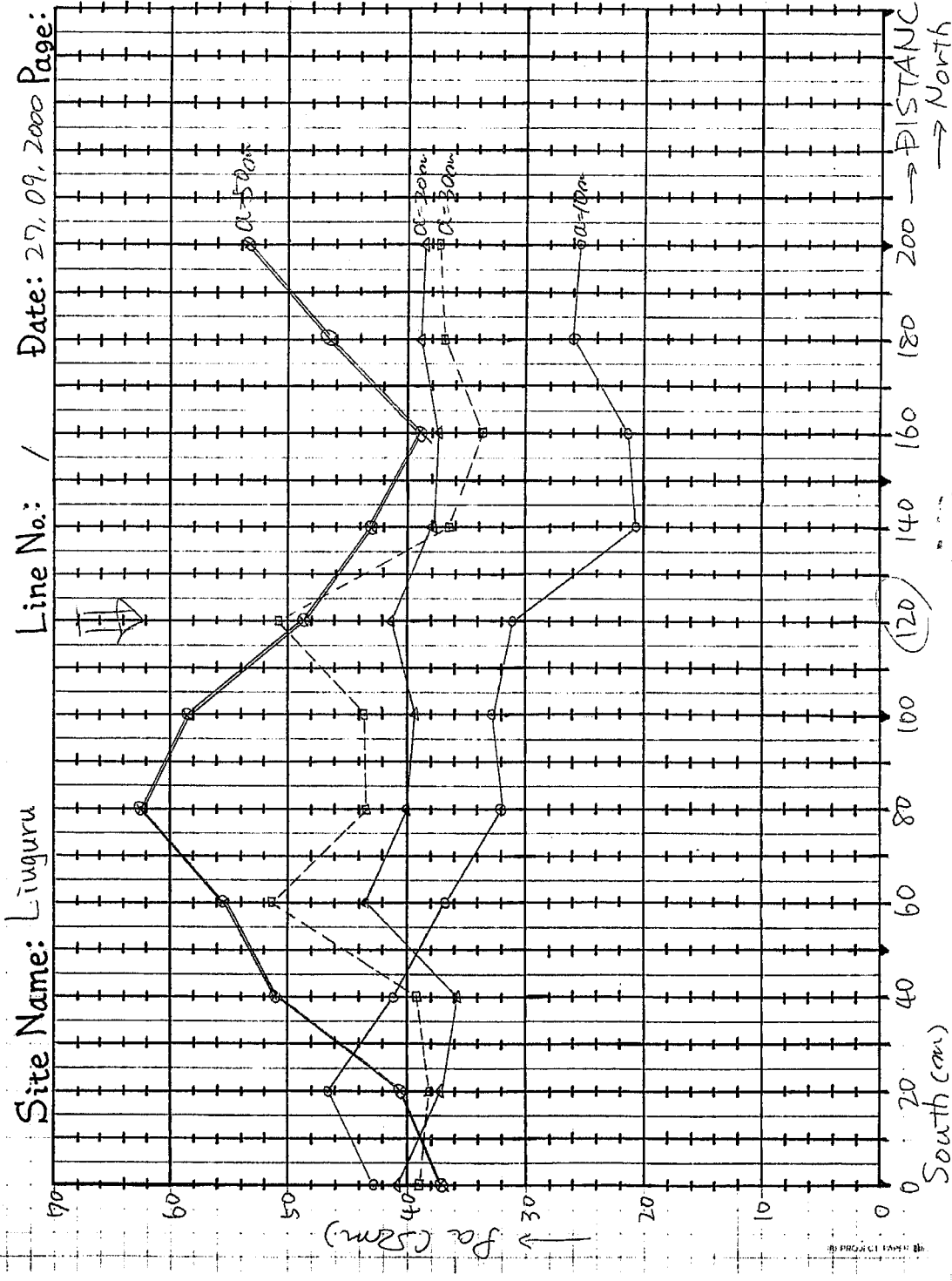
5 10 50 5 15 50 5 20 5

H	140	160	180	200
(R)	0.4454	0.3428	0.4235	0.4077
(Pa)	31.1	21.6	25.97	25.6
(R)	0.3290	0.2201	0.2287	0.2266
(Pa)	41.32	27.6	28.72	28.46
(R)	0.2698	0.1792	0.1966	0.1996
(Pa)	50.8	33.8	37.04	37.61
(R)	0.1574	0.1237	0.1470	0.1706
(Pa)	49.4	38.8	46.2	53.6

L2-08/0

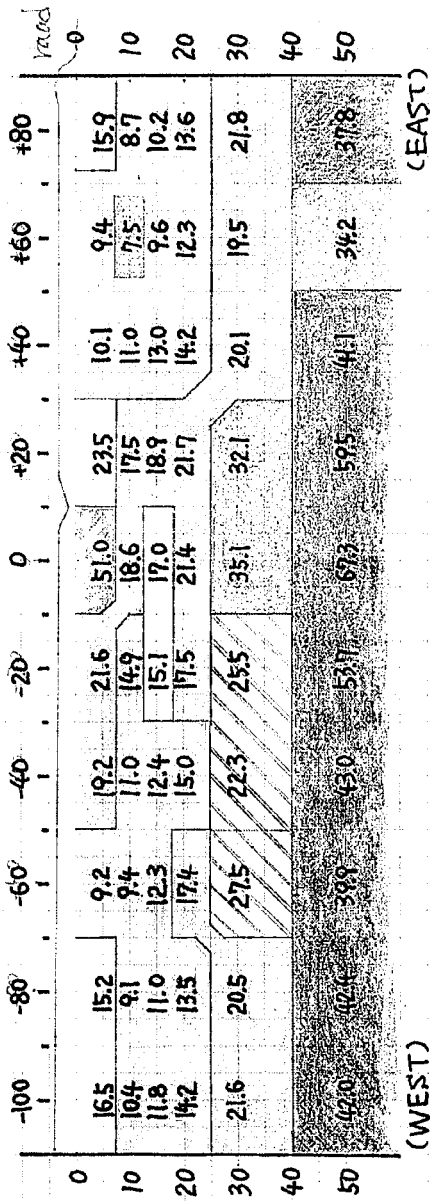
Liuguru (3/3)

L2-08/8



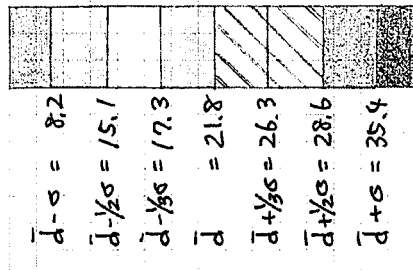
Machanganja (1/2)

Machanganja
 27.09.2000
 N = 6 x 10 = 60
 $\bar{d} = 21.8117$
 $\sigma = 13.5694$



$\bar{d} - \sigma = 8.2$
 $\bar{d} - \frac{1}{2}\sigma = 15.1$
 $\bar{d} - \frac{1}{3}\sigma = 17.3$
 $\bar{d} + \frac{1}{3}\sigma = 26.3$
 $\bar{d} + \frac{1}{2}\sigma = 28.6$
 $\bar{d} + \sigma = 35.4$
 (2.65 = 18.8)
 $\bar{d} + \frac{1}{4}\sigma = 25.2$

L2-07/10



Machanganja (2/2)

100 0 +20 40 60 80
 → EAST

Ah = 20 Site Name: Machanganja Line No.: Date: 27.09.2000 Page: /

H	0	10	20	30	40	50	60	70	80	90	100
(R)											
(Pa)											
(R)											
(Pa)											
(R)											
(Pa)											
(R)											
(Pa)											
(R)											
(Pa)											

East

H	0	10	20	30	40	50	60	70	80	90	100
(R)											
(Pa)											
(R)											
(Pa)											
(R)											
(Pa)											
(R)											
(Pa)											
(R)											
(Pa)											

L2-
09/10

Chibula Mihuru (1/3)

ABS
1-51 = 5

EL 600m

Ah = 20 West Site Name: Chibula Line No.: / Date: 26.09.2006 East Page: /

H	-160	-140	-120	-100	-80	-60	-40
(R)					114.23	105.77	77.474
(Pa)					7173.6	6642.4	4865.4
(R)					4.5427	6.0176	5.2302
(Pa)					570.6	755.8	719.7
(R)					0.9253	1.0445	0.8934
(Pa)					174.33	198.8	168.3
(R)					0.3146	0.1356	0.2578
(Pa)					98.78	42.6	80.9

H	-20	(±0)	+20	+40	+60	+80
(R)	83.401	136.49	161.39	150.65	186.74	245.56
(Pa)	5237.6	8591.6	10135.7	9400.8	11727.3	15421.2
(R)	8.3949	12.226	12.158	19.247	16.180	27.371
(Pa)	1054.4	1535.6	2437.2	4642.0	4372.8	3437.8
(R)	12386	28004	2.6580	39436	2032.2	54605
(Pa)	797.5	527.6	500.8	742.97	699.5	1028.2
(R)	0.1277	0.7497	0.17269	0.1793	0.9876	1.1073
(Pa)	278.4	235.4	228.2	232.1	310.1	347.7

L2-05/10

Chibula Mihuru (3/3)

Chibula 26,09,2000

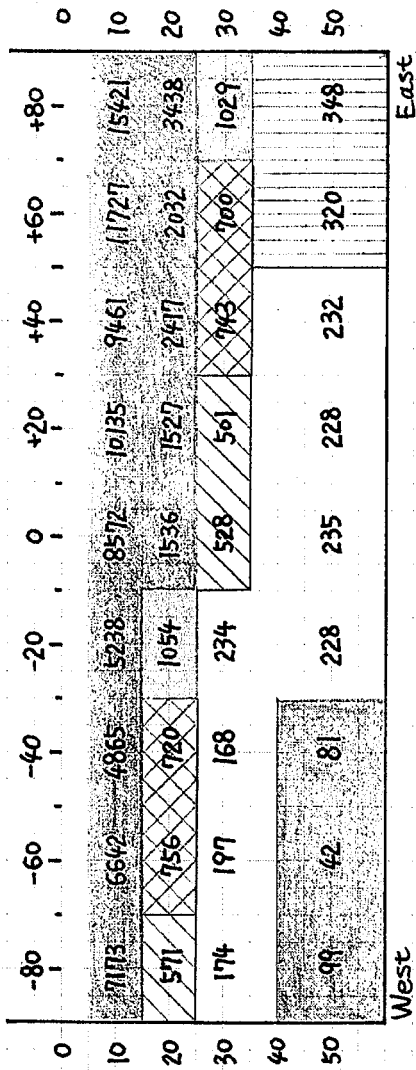
$N = 9 \times 4 = 36$

$\bar{d} = 2760.3333$

$\sigma = 3893.2166$

$$\left(\begin{array}{l} N' = 200 \\ \bar{d}' = 355525 \\ \sigma' = 231.351653 \end{array} \right)$$

231.351653



$\bar{d} - \frac{1}{2}\sigma = 213.725$

$\bar{d} - \frac{1}{3}\sigma$

$\bar{d} - \sigma = 123.9$

$\bar{d} - \frac{1}{2}\sigma = 239.6$

$\bar{d} - \frac{1}{3}\sigma = 278.1$

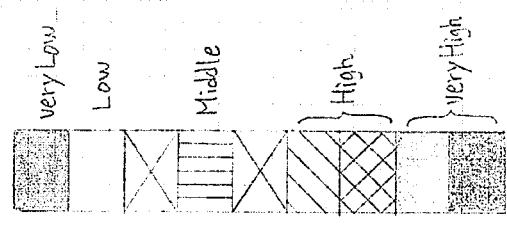
$\bar{d} + \frac{1}{3}\sigma = 432.4$

$\bar{d} + \frac{1}{2}\sigma = 470.9$

$\bar{d} + \sigma = 586.6$

$\bar{d} - \frac{1}{2}\sigma = 813.7$

$\bar{d} - \frac{1}{3}\sigma = 1462.16$

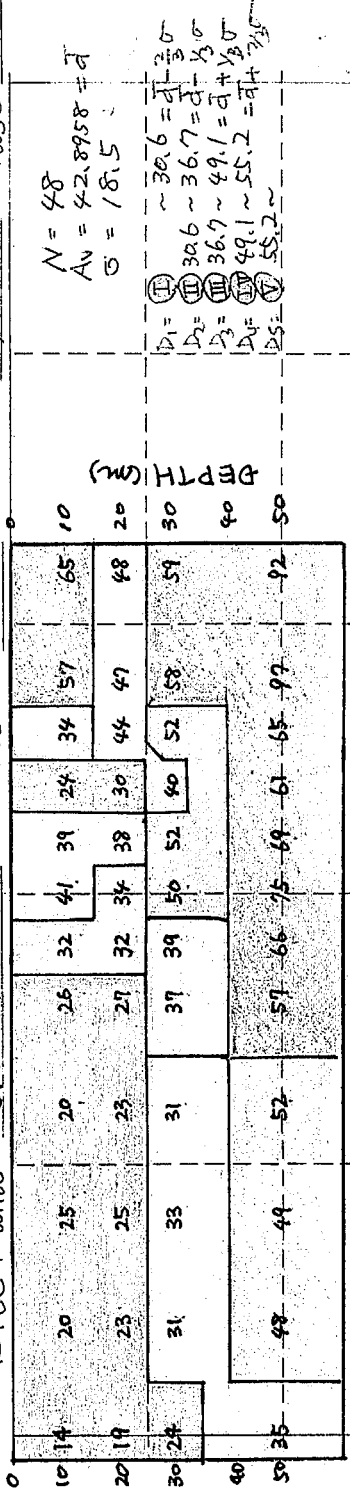


Chinongwe (1/3)

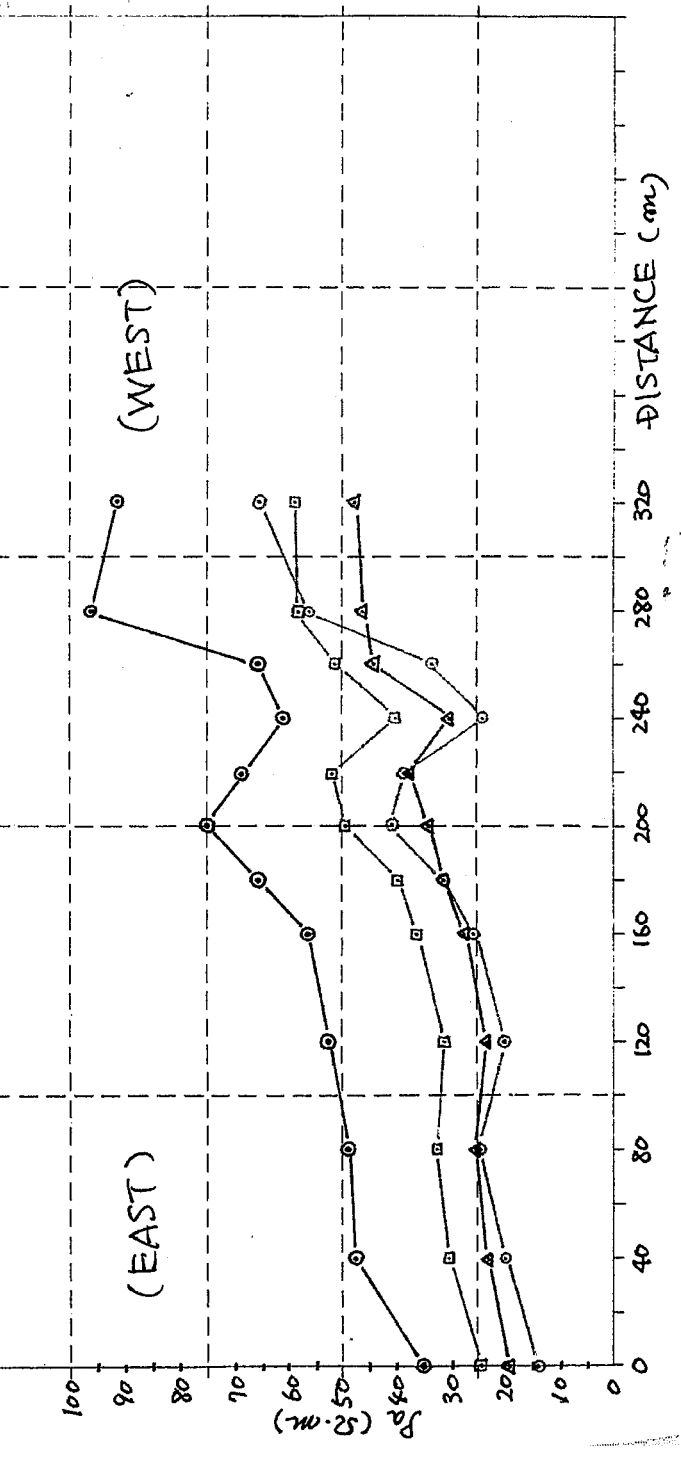
L2-04/10

1/5

Site Name: CHINONGWE Line No: _____ Date: 25, 7, 2000 Page: 1/1



$N = 48$
 $A_v = 42.8958 = \bar{d}$
 $S = 18.5$
 $D_1 = \sim 30.6 = \bar{d} - \frac{1}{3} \sigma$
 $D_2 = 30.6 \sim 36.7 = \bar{d} - \frac{1}{2} \sigma$
 $D_3 = 36.7 \sim 49.1 = \bar{d} + \frac{1}{2} \sigma$
 $D_4 = 49.1 \sim 55.2 = \bar{d} + \sigma$
 $D_5 = 55.2$



Chinongwe (2/3)

Δh = 40 Site Name: CHINONGWE Line No.: _____ Date: 25.7.2000 Page:

h	0	40	80	120	160	180	200	220
(R)	0.2276	0.3209	0.3911	0.3181	0.4701	0.5018	0.6614	0.6778
10	0.2317	0.3188	0.3880	0.3181	0.4701	0.5018	0.6614	0.6778
(P)	14.7	20.2	24.6	20	25.3	31.5	30.7	38.9
(R)	0.1526	0.1808	0.1988	0.1821	0.2178	0.2506	0.2733	0.3039
20	0.1526	0.1808	0.2063	0.1821	0.2178	0.2506	0.2733	0.3039
(P)	17.6	22.7	25	27.9	27.4	31.5	34.3	37.7
(R)	0.1258	0.1626	0.1722	0.1665	0.1949	0.2288	0.2626	0.2757
30	0.1258	0.1626	0.1722	0.1665	0.1949	0.2288	0.2626	0.2757
(P)	23.1	30.6	32.3	31.4	36.7	39.4	47.5	52
R	0.1129	0.1512	0.1552	0.1765	0.1804	0.2086	0.2388	0.2182
50	0.1129	0.1512	0.1552	0.1765	0.1804	0.2086	0.2388	0.2182
(P)	35.9	41.5	48.8	57.4	56.7	63.5	75	68.5

MARK 0.3832 + 210.10

h	240	280	320	360	400
(R)	0.3832	0.7022	1.044	360	400
10	0.3832	0.7022	1.044	360	400
(P)	24.1	33.6	65.4	360	400
(R)	0.2399	0.3721	0.3790	47.6	57.8
20	0.2399	0.3721	0.3790	47.6	57.8
(P)	30.1	44.4	46.2	58.0	65.7
(R)	0.2126	0.2783	0.3116	48.0	57.8
30	0.2126	0.2783	0.3116	48.0	57.8
(P)	40.1	51.9	57.8	65.7	76.5
(R)	0.2011	0.2078	0.2421	0.2421	0.2421
50	0.2011	0.2078	0.2421	0.2421	0.2421
(P)	64.2	66.9	91.8	91.8	91.8

5
2-84
10

Chinongwe (3/3)

S₀ = 277aR = 6.28aR

Δh = 40 Site Name: CHINONGWE Line No.: _____ Date: 25.7.2000 Page: 11

h	0	40	80	120	160	(180)	200	(220)
(R)	0.2317	0.3188	0.3911	0.3181	0.4186	0.5018	0.6492	0.6198
(P)	14.6	20.0	24.6	20.	26.3	31.5	40.8	38.9
(R)	0.1381	0.1808	0.1988	0.1821	0.2178	0.2506	0.2733	0.3008
(P)	17.6	22.7	25	22.9	27.4	31.5	38.3	37.7
(R)	0.1228	0.1626	0.1722	0.1665	0.1949	0.2088	0.2626	0.2757
(P)	23.1	30.6	32.5	31.4	36.7	39.8	47.5	52.
(R)	0.1127	0.1512	0.1552	0.1667	0.1808	0.2086	0.2388	0.2757
(P)	35.4	47.5	48.8	52.4	56.7	65.5	75	68.5

h	240	(260)	280	320	360	(380)	400	(420)
(R)	0.3832	0.5347	0.9022	1.0418	1.10418	1.10418	1.10418	1.10418
(P)	24.1	37.6	56.7	65.4	65.4	65.4	65.4	65.4
(R)	0.2399	0.3658	0.3721	0.3790	0.3790	0.3790	0.3790	0.3790
(P)	30.1	44.8	46.8	47.6	47.6	47.6	47.6	47.6
(R)	0.2125	0.2788	0.3065	0.3116	0.3116	0.3116	0.3116	0.3116
(P)	40.1	51.1	57.8	58.7	58.7	58.7	58.7	58.7
(R)	0.2011	0.2098	0.3071	0.2921	0.2921	0.2921	0.2921	0.2921
(P)	67.2	65.3	96.5	91.8	91.8	91.8	91.8	91.8

Likwachu (1/4)

0	20	40	60	80	100	120	140	160	180	200	220	240
0	19.0	18.6	17.6	10.3	12.8	15.6	14.9	14.1	14.3	14.2	12.2	9.3
10	10.7	10.6	8.7	10.2	8.3	9.3	8.0	8.5	6.4	5.7	5.1	4.8
20	14.0	13.8	12.2	13.3	11.1	11.8	11.4	11.3	8.3	7.5	7.1	6.3
30	22.1	21.5	22.9	21.2	20.3	19.3	18.8	17.6	13.9	13.9	11.7	11.4
40												

(North)
12,86923

$\bar{d} - \sigma = 8.2$
 $\bar{d} + \frac{1}{2}\sigma = 11.3$
 $\bar{d} + \frac{3}{4}\sigma = 14.4$
 $\bar{d} + \sigma = 17.6$

(South)
Likwachu
28,09,2000

$N = 13 \times 4 = 52$
 $\bar{d} = 12.86923$
 $\sigma = 4.71877$

L2-0/10

0	10	20	30	40	50
(1260)	(110)	(8)	(70)	(5)	(14)
	(1100)	(880)	(740)	(450)	(150)

Likwachu (2/4)

Ah = North
 Site Name: LIKWACHU
 Line No.:
 Date: 28.09.2002
 Page: /
 South

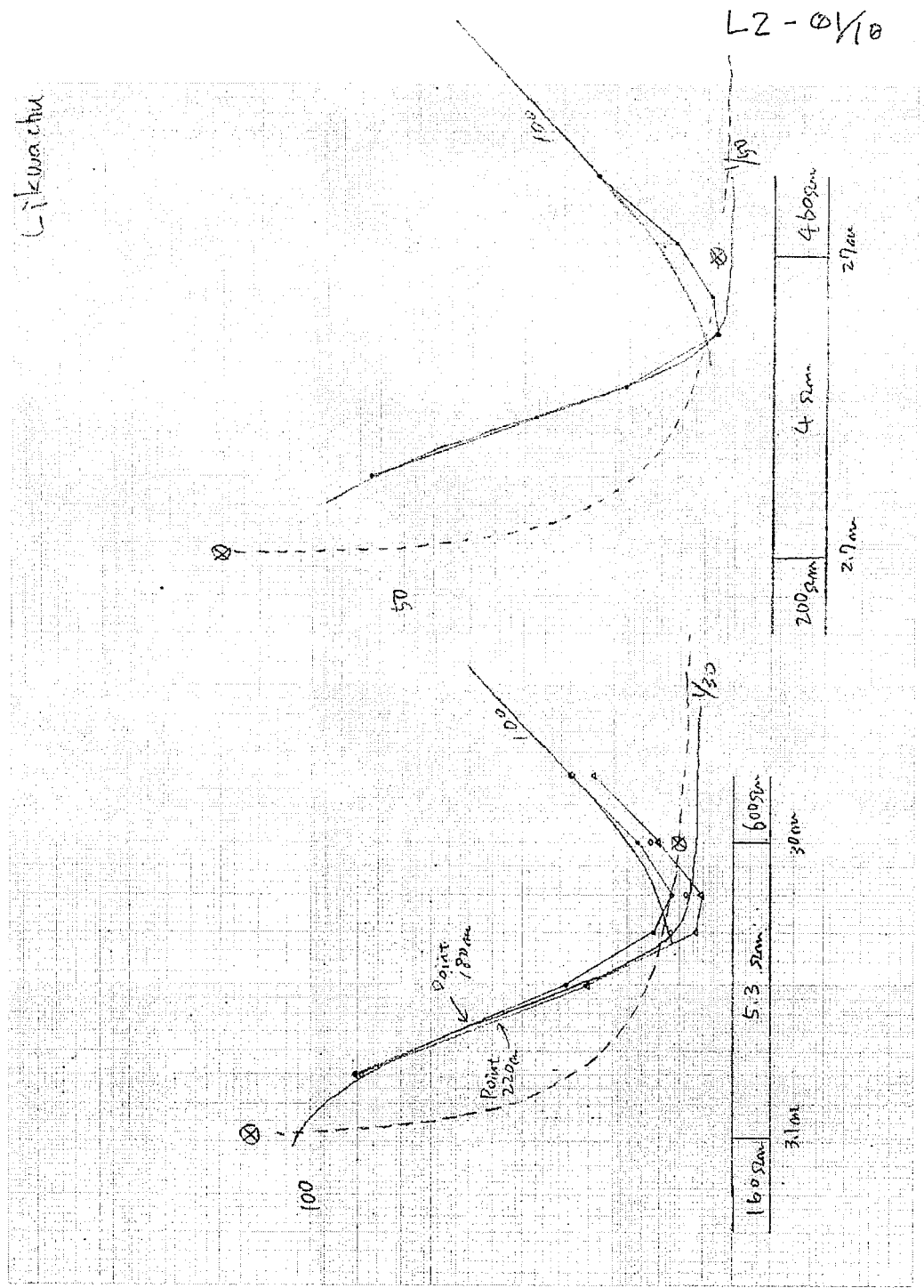
H	0	20	40	60	80	100	240
(R)	0.3027	0.2585	0.2912	0.2798	0.1635	1.8279	1.8356
(Pa)	19.0	16.2	18.6	17.57	10.3	57.4	2.047
(R)	0.0851	0.0845	0.0696	0.0814	0.0657	0.0700	57.64
(Pa)	10.7	10.6	8.7	10.22	8.3	8.8	0.0803
(R)	0.0745	0.0730	0.0648	0.0704	0.0591	0.0672	7.6
(Pa)	14.0	13.8	12.2	13.3	11.13	12.7	4.2
(R)	0.0705	0.0688	0.0730	0.0674	0.0647	0.0614	
(Pa)	22.1	21.6	23.9	21.2	20.32	19.3	

H	120	140	160	180	200	220	240
(R)	0.2485	0.2376	0.2247	0.2270	0.2262	0.1946	0.1473
(Pa)	15.61	14.92	14.12	14.3	14.21	12.2	9.3
(R)	0.0743	0.0633	0.0674	0.0509	0.0453	0.407	0.0385
(Pa)	9.3	7.95	8.5	6.4	5.7	5.1	4.8
(R)	0.0624	0.0607	0.0598	0.0442	0.0397	0.0375	0.0335
(Pa)	11.8	11.44	11.3	8.3	7.5	7.1	6.3
(R)	0.0597	0.0622	0.0560	0.0443	0.0444	0.0372	0.0363
(Pa)	18.75	19.5	17.6	13.91	13.94	11.68	11.4

1.2
 10
 10

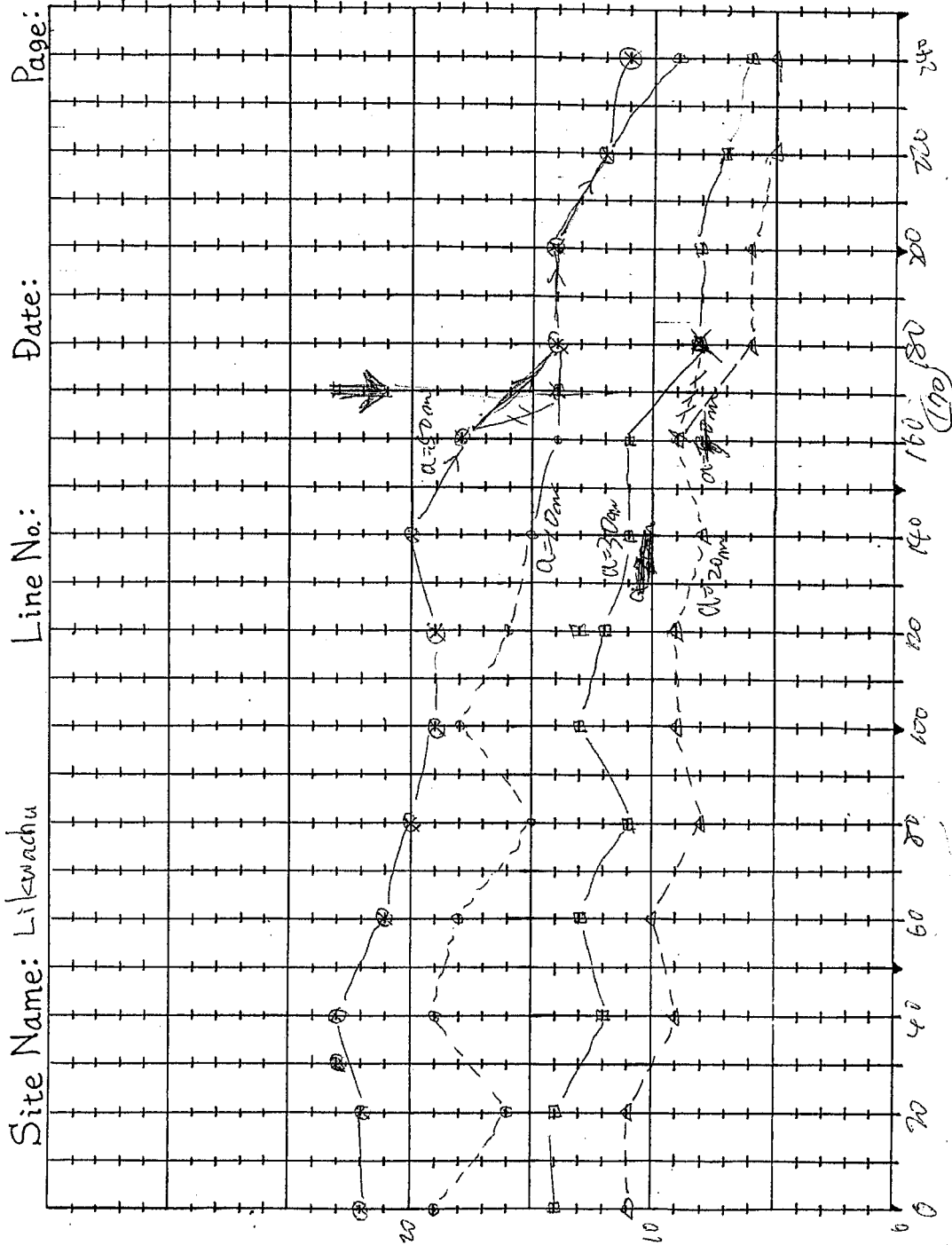
Likwachu (3/4)

Likwachu



Likwachu (4/4)

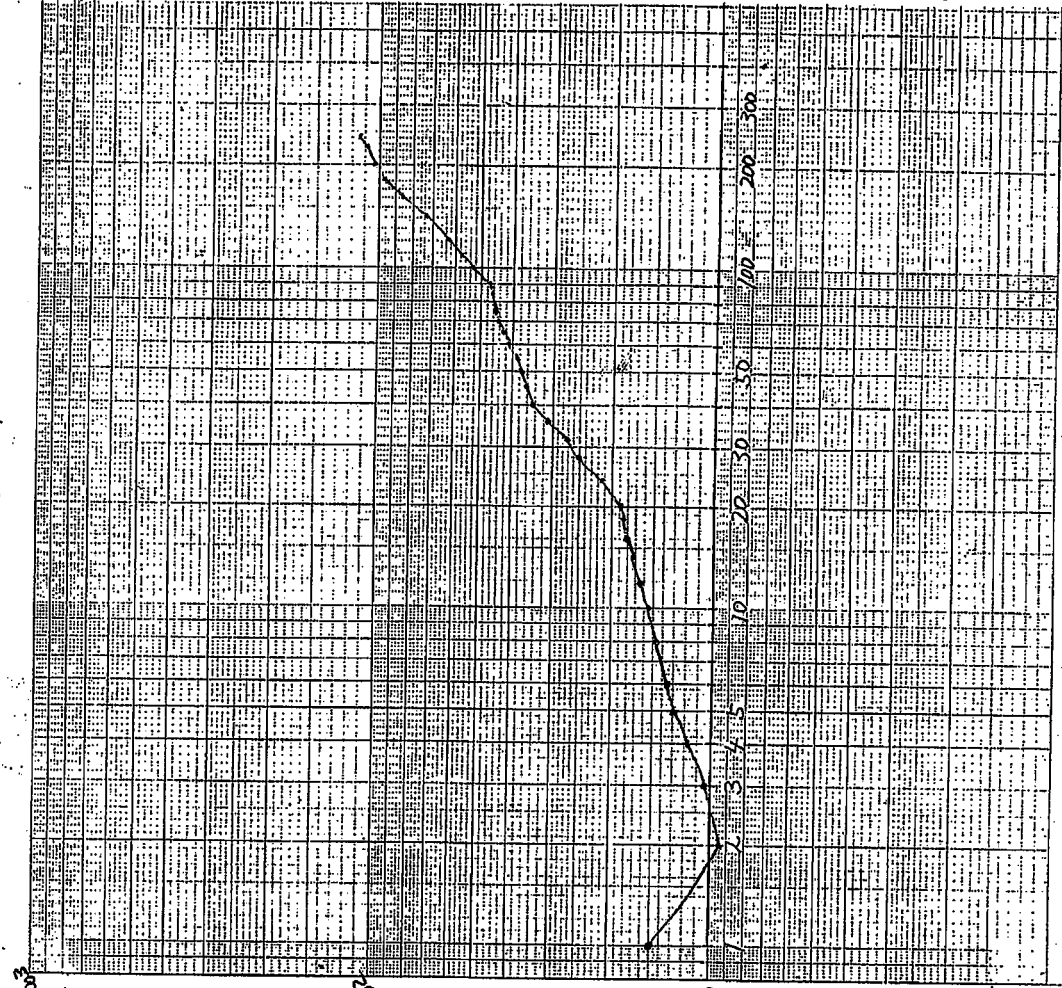
L2-01/10



Nachingwea District

Kipara Mtua (1/3)

KIPARA MTUA VES1



$\rho_a = 2\pi a \cdot V \cdot I = 6.28 \times a \times V \cdot I$

TAG	a	mV	mA	R	ρ_a
1	1		2.00	2.2884	15.0
2	2		2.01	0.57482	9.4
3	3	5.577	10.00	0.5572	10.47
4	4	4.675	10.00	0.4671	11.72
5	5	4.130	10.00	0.4126	12.96
6	6	3.588	10.00	0.3585	13.52
7	8	5.857	20.01	0.2926	14.72
8	10	4.926	20.01	0.2460	15.45
9	12	4.394	20.01	0.2195	16.55
10	14	3.927	20.01	0.1962	17.27
11	16	3.608	20.01	0.1802	18.02
12	18	3.292	20.01	0.1644	18.58
13	20	2.985	20.01	0.1491	18.79
14	24	2.865	20.01	0.1431	21.61
15	28	2.837	20.01	0.1417	24.94
16	32	2.707	20.01	0.1352	27.18
17	36	2.758	20.01	0.1328	31.14
18	40	2.751	20.01	0.1374	34.49
19	45	6.369	50.03	0.1273	36.02
20	50	6.024	50.02	0.1204	37.81
21	55	5.695	50.02	0.1138	39.30
22	60	5.453	50.02	0.1090	41.10
23	65	5.202	50.02	0.1040	42.43
24	70	4.979	50.02	0.0995	43.80
25	76	4.706	50.02	0.0940	44.84
26	82	4.435	50.02	0.0886	45.63
27	90	4.192	50.02	0.0837	47.29
28	100	4.190	50.02	0.0837	52.56
29	110	4.169	50.02	0.0833	57.56
30	120	4.205	50.02	0.0840	63.34
31	140	4.145	50.02	0.0828	72.78
32	160	4.285	50.02	0.0856	85.60
33	180	4.298	50.02	0.0859	97.10
34	200	4.053	50.02	0.0810	102.10
35	220	3.970	50.02	0.0793	109.43
36	240	1.525	20.01	0.0765	115.52
37	260				
38	280				
39	300				

Kipara Mtua (2/3)

10:15 - 12:05

Site Name: KIPARA MTUA

Line No.: HES 1

Date: 07.11.2000

Page: 20

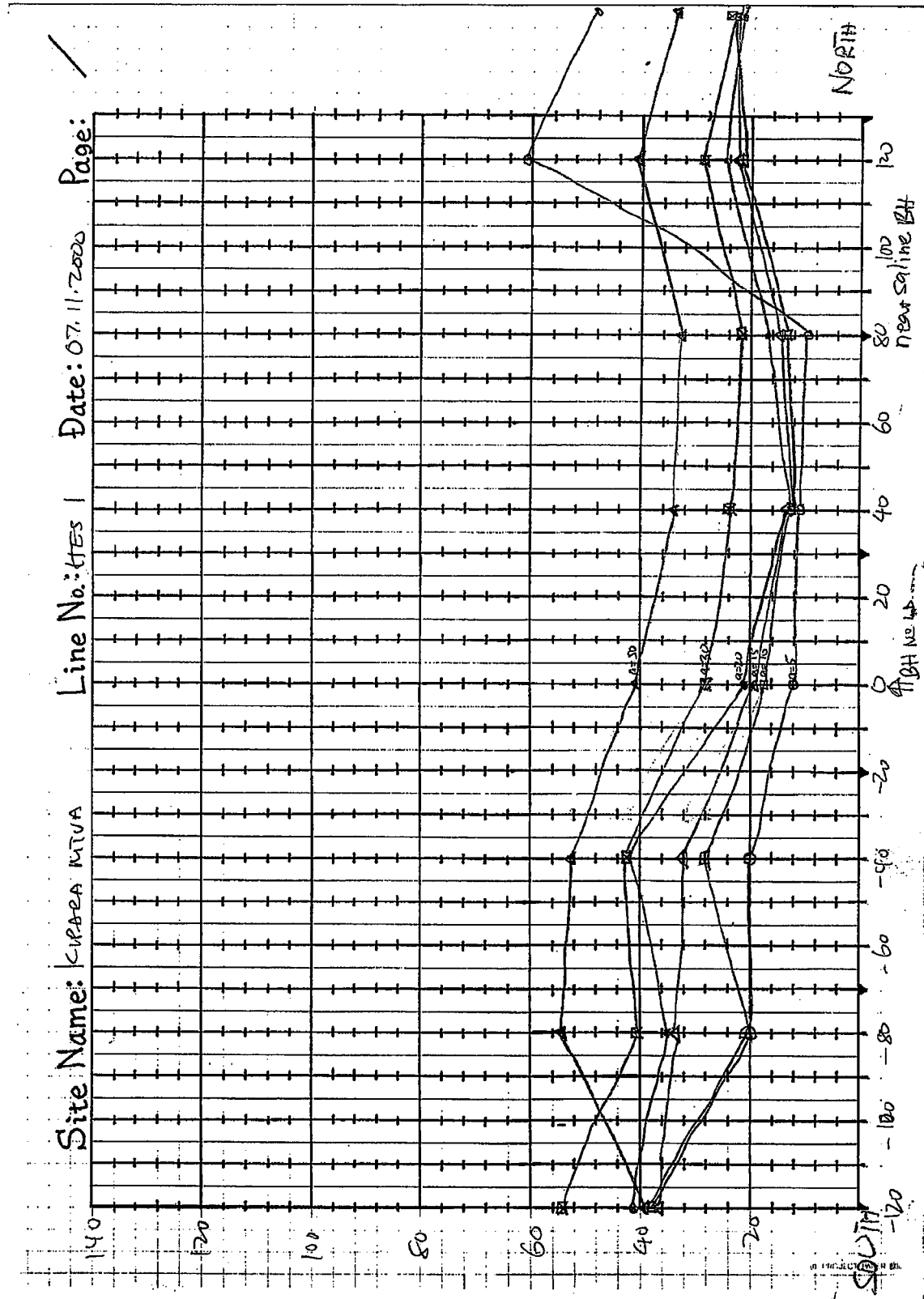
MDRH

H	-120	-80	-60	-40	-20	0	20
(R)	0.5495	0.4740	0.4219	0.4427	0.4224	0.2782	0.3782
(Pa)	34.51	29.8	19.84	27.8	19.54	17.48	11.88
(R)	0.3295	0.4176	0.3629	0.2776	0.3357	0.1696	0.2073
(Pa)	41.4	39.34	34.2	41.81	31.62	21.3	19.53
(R)	0.2938	0.2185		0.2219		0.1490	
(Pa)	55.35	41.2		41.81		28.1	
(R)	0.2159	0.1777		0.1686		0.1293	
(Pa)	39.53	55.61		52.94		40.6	

NORTH

H	40	60	80	100	120	140	160
(R)	0.2128	0.3773	0.2196	0.3310	0.3500	1.9613	0.4045
(Pa)	13.4	11.85	13.8	10.4	22.0	61.58	25.4
(R)	0.1340	0.1530	0.1507	0.1809	0.2009	0.2411	0.1814
(Pa)	16.83	14.41	18.93	17.04	25.23	22.71	22.78
(R)	0.1281		0.1224		0.1574		0.1308
(Pa)	24.13		23.1		29.65		24.64
(R)	0.1139		0.1061		0.1295		0.1053
(Pa)	35.74		33.32		40.7		33.1

Kipara Mtua (3/3)



Mkonjela (1/3)

(0:10 - 13:30)

L3-03/09

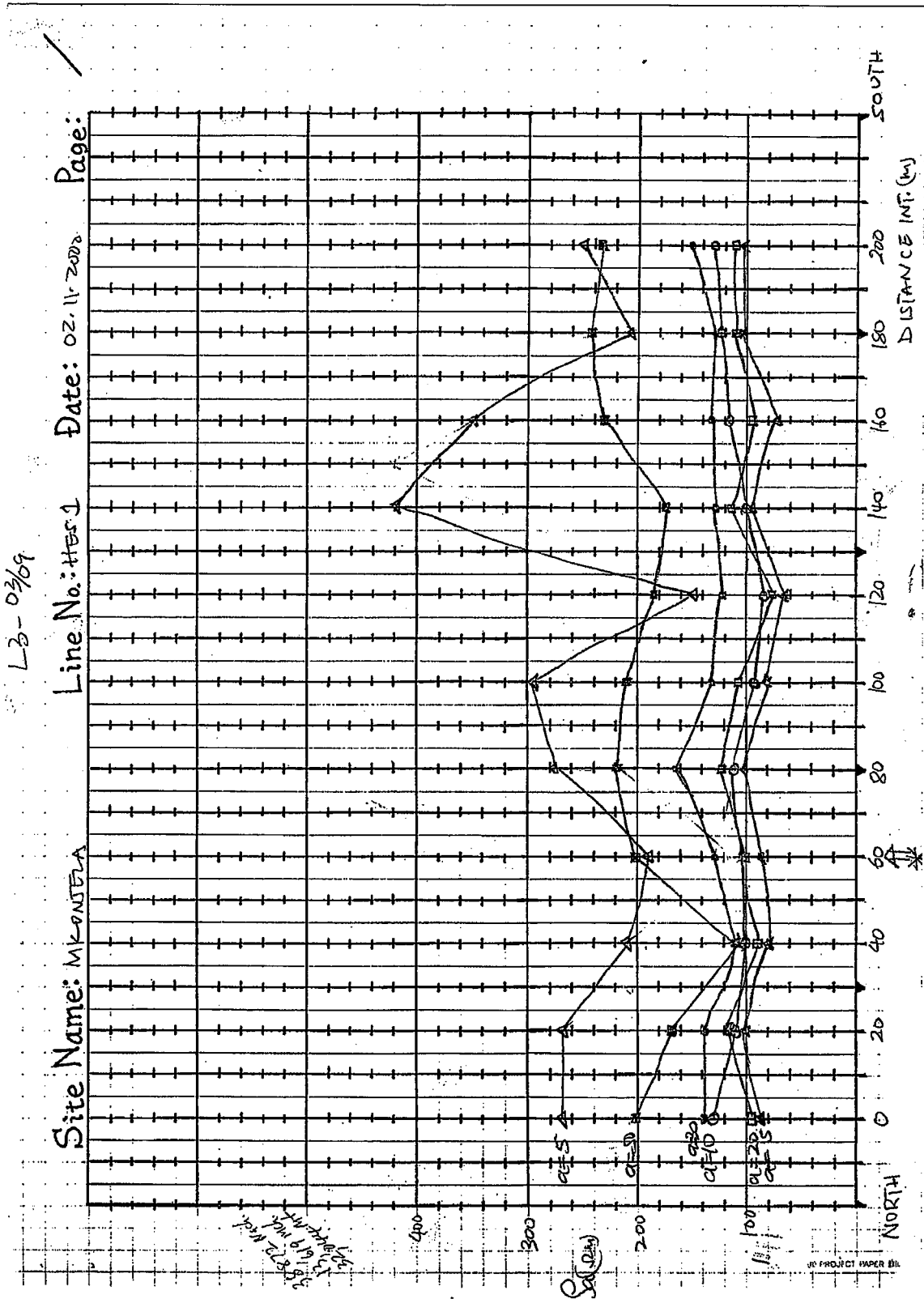
Ah = Site Name: MKONJELA \downarrow Line No: HES 1 Date: 02.11.2000 Page: / SOUTH

H	0	20	40	60	80	100	120
(R)	2.0664	1.7489	1.6810	1.6392	1.7626	1.5580	1.3369
(Pa)	8.4487	8.4420	8.4420	8.7632	8.0532	8.8786	9.4474
(R)	129.77	109.83	105.57	102.94	110.69	97.84	83.96
(Pa)	265.51	265.08	265.08	212.36	190.1	278.79	296.96
(R)	0.7727	0.9413	0.7225	0.7975	0.9049	0.8448	0.6356
(Pa)	1.0373	1.0648	1.0648	0.8480	0.9049	1.1394	1.0876
(R)	99.56	97.71	90.8	79.88	85.20	106.11	79.83
(Pa)	118.23	118.23	100.3	79.88	85.20	107.33	82.48
(R)	0.7392	0.7345	0.6260	0.7021	0.8756	0.7173	0.6467
(Pa)	1.59.27	1.38.38	1.17.93	1.32.28	0.8756	1.35.14	1.21.84
(R)	0.6451	0.5506	0.5296	0.6368	0.7035	0.6787	0.5882
(Pa)	202.56	172.89	166.29	199.80	220.9	213.11	184.69

* selected
 \uparrow turning

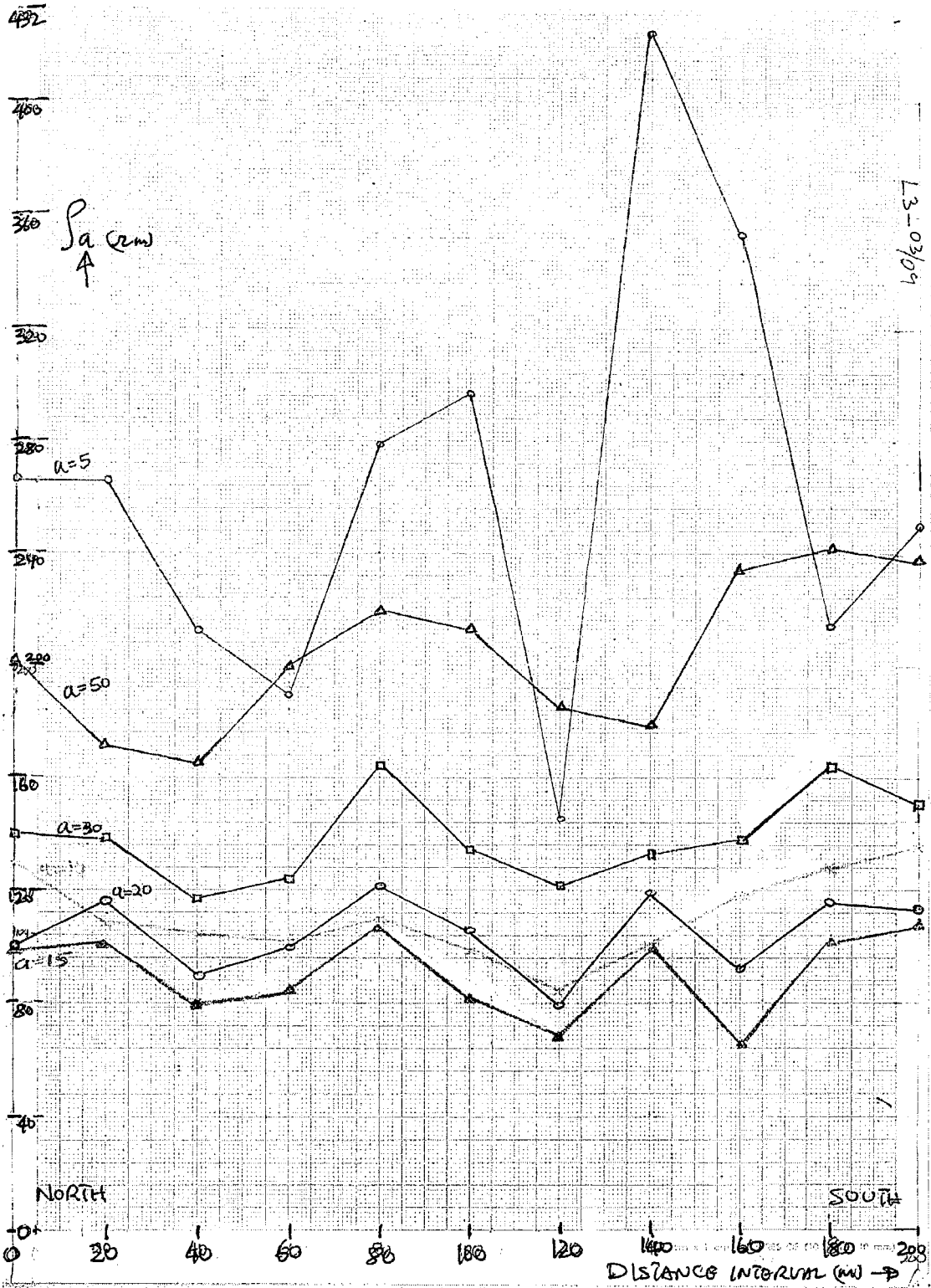
H	140	160	180	200
(R)	1.6042	1.8862	2.0308	2.1431
(Pa)	13.515	11.254	6.8241	7.9511
(R)	100.74	118.45	127.53	134.59
(Pa)	424.67	353.38	214.28	249.78
(R)	0.7401	0.7243	0.9280	0.9110
(Pa)	1.0488	0.8020	1.0925	1.1581
(R)	118.1	98.8	116.56	114.62
(Pa)	92.23	75.55	102.91	109.09
(R)	0.7087	0.7340	0.8723	0.8016
(Pa)	133.52	138.29	164.34	151.02
(R)	0.5684	0.7512	0.7759	0.6992
(Pa)	178.48	235.88	243.0	237.73

Mkonjela (2/3)



Mkonjela (3/3)

MKONJELA HES 1. 02.11.2000



Rweje (1/4)

Ah= 20 Site Name: Rweje Line No.: 2102 Date: 07/09, 2000 Page: 3/1
 200 240 260

H	200	220	240	260	280	300
(R) 0	0.3468	0.3392	0.3638	0.2983	0.2823	0.3824
(R) 10	0.5769	0.5848	0.5859	0.5859	0.5859	0.5859
(R) 20	21.78	21.31	22.85	18.73	18.11	21.42
(R) 30	0.2940	0.2817	0.3072	0.2546	0.2272	0.2700
(R) 40	36.93	35.38	35.67	31.98	28.54	23.25
(R) 50	0.2841	0.2452	0.2582	0.2455	0.2105	0.2496
(R) 60	53.52	46.20	48.64	46.25	39.66	27.02
(R) 70	0.2503	0.2385	0.2201	0.2136	0.1959	0.2106
(R) 80	78.59	74.89	69.11	67.07	61.51	66.13

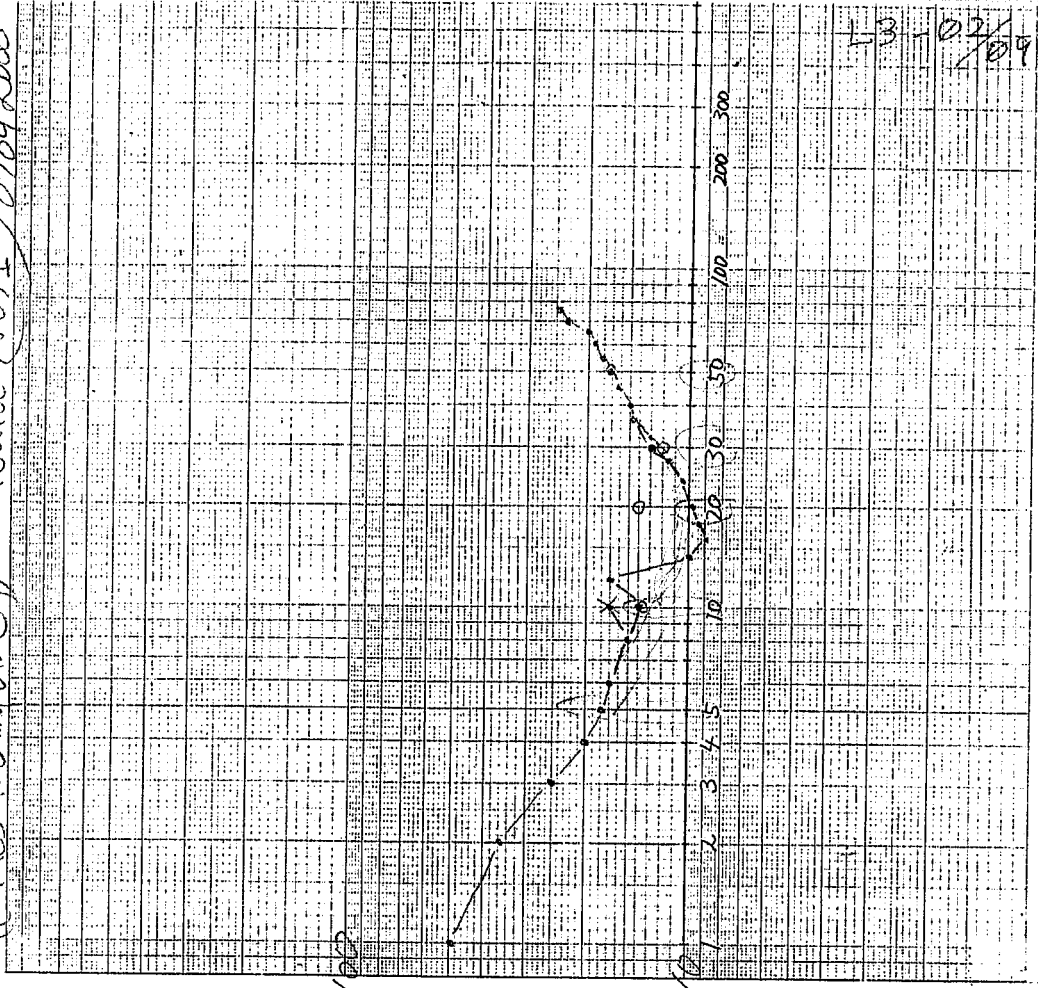


H	320	340	360	380	400	420
(R) 0	0.4201	0.4201	0.4201	0.4201	0.4201	0.4201
(R) 10	26.38	26.38	26.38	26.38	26.38	26.38
(R) 20	0.2811	0.2811	0.2811	0.2811	0.2811	0.2811
(R) 30	85.31	85.31	85.31	85.31	85.31	85.31
(R) 40	0.2313	0.2313	0.2313	0.2313	0.2313	0.2313
(R) 50	45.08	45.08	45.08	45.08	45.08	45.08
(R) 60	0.2070	0.2070	0.2070	0.2070	0.2070	0.2070
(R) 70	65.67	65.67	65.67	65.67	65.67	65.67

L3-
0/09

Litura (1/2)

((Hes 100 mPoint)) Litula vesl 0709200



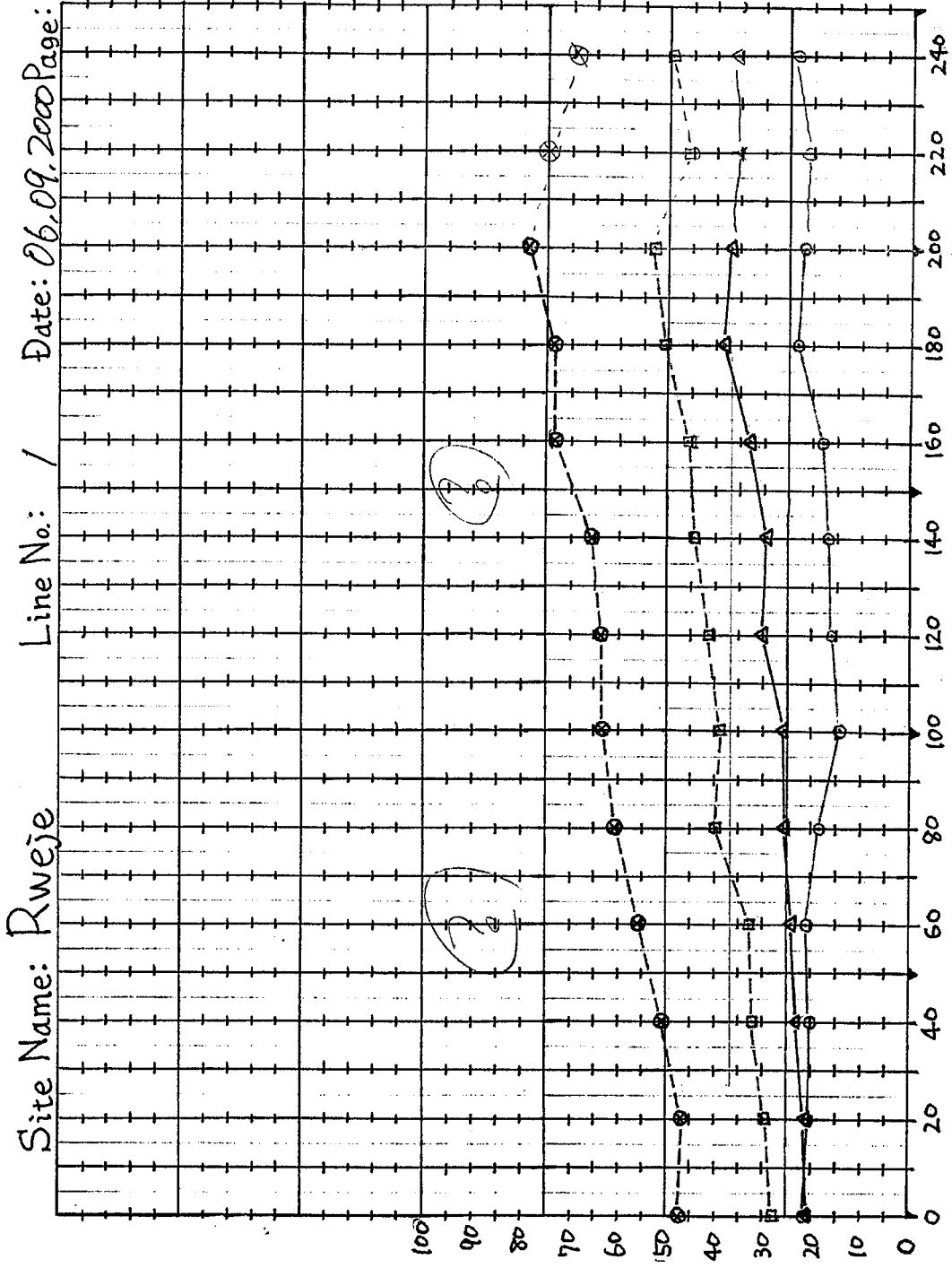
$\rho_a = 2\pi a \cdot V / I = 6.28 \times a \times V / I$

TAG	a	mV	mA	R	ρ_a
1	1			71.8069	49.027
2	2			2.878x	55.5
3	3			1.3269	24.9
4	4			0.7877	19.8
5	5			0.562x	17.7
6	6			0.4477	16.9
7	8			0.3112	15.9
8	10			0.2257	13.9
9	12			0.2228	16.8
10	14			0.1121	9.9
11	16			0.0889	8.87
12	18			0.0821	9.3
13	20			0.0762	9.66
14	24			0.068x	10.32
15	28			0.0647	11.39
16	32			0.0636	12.9
17	36			0.0647	14.6
18	40			0.0593	14.9
19	45			0.0581	16.4
20	50			0.0549	17.24
21	55			0.0521	17.97
22	60			0.0507	18.1
23	65			0.0487	19.9
24	70			0.0532	22.97
25	76			0.057x	24.5
26	82				
27	90				
28	100				
29	110				
30	120				
31	140				
32	160				
33	180				
34	200				
35	220				
36	240				
37	260				
38	280				
39	300				

Rweje (2/4)

L3-01/09

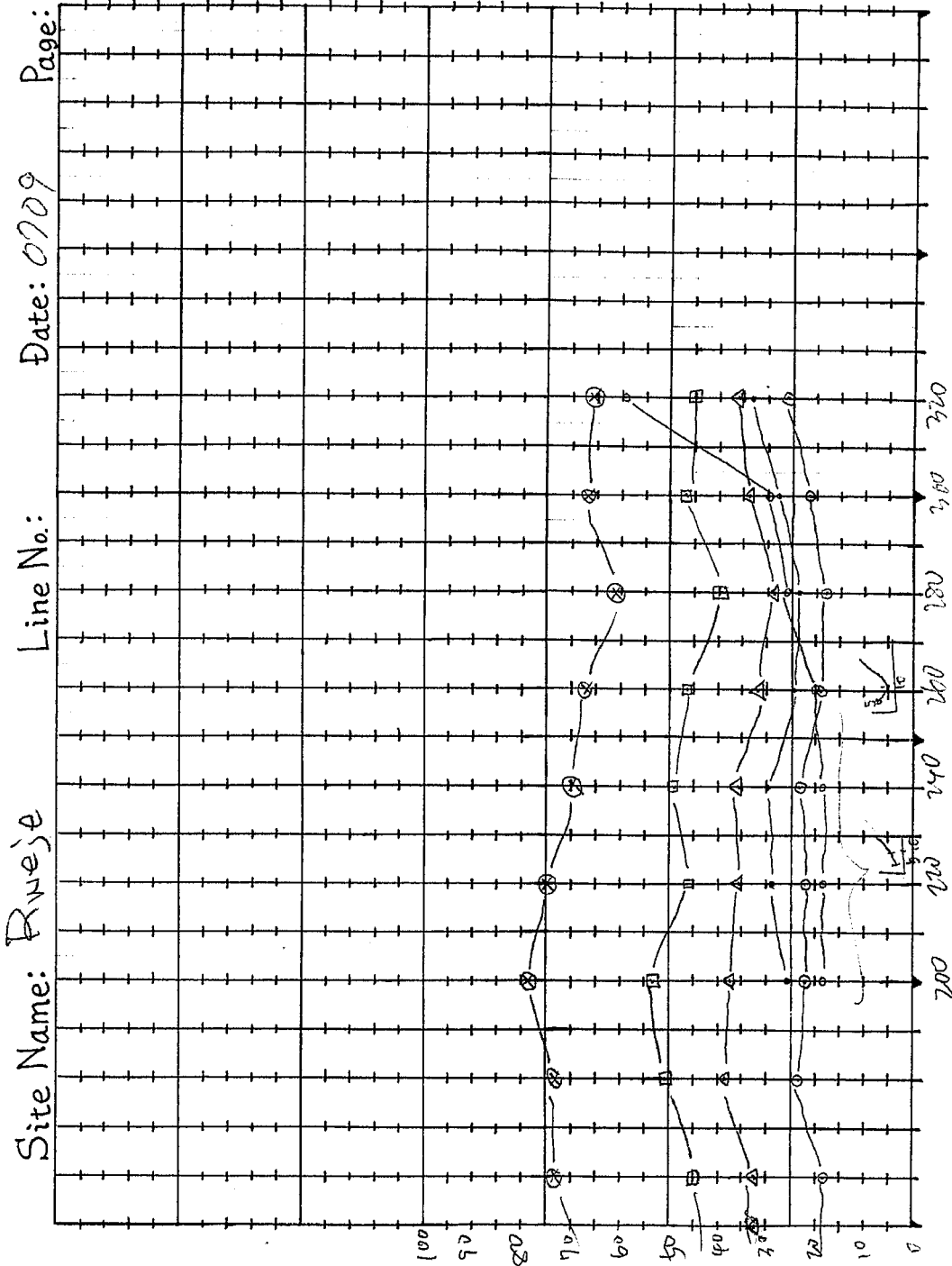
✓



Rweje (3/4)

L3-01/09

21



Rweje (4/4)

0202653
023494
023494
023494

West

Site Name: **Rweje**

Line No: /

Date: 06/09/2008

→ Fast

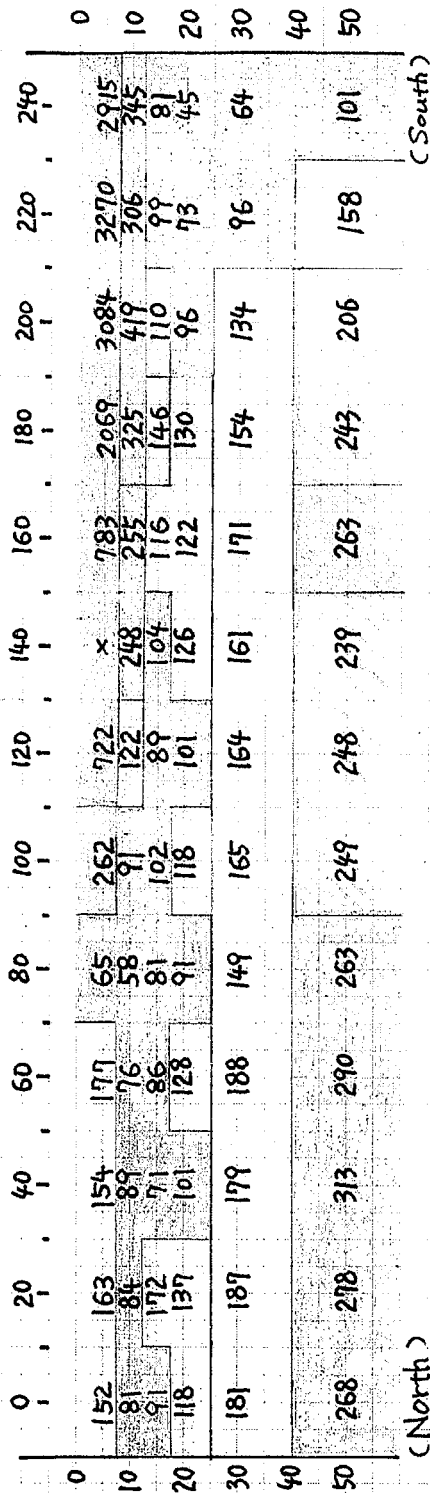
Page: ✓

H	0	20	40	60	80	100	120
(R)	0.3494	0.3258	0.3221	0.3374	0.2892	0.2280	0.2532
(Pa)	21.94	20.46	20.23	21.19	18.16	14.32	15.9
(R)	0.1679	0.1730	0.1821	0.1863	0.2031	0.2111	0.2354
(Pa)	21.09	21.73	22.87	23.40	18.531	15.26	30.1
(R)	0.1486	0.1565	0.1709	0.1727	0.2093	0.2064	0.2190
(Pa)	28.0	29.49	32.20	32.54	39.43	38.89	47.5
(R)	0.1921	0.1984	0.1613	0.1766	0.1932	0.2012	0.2026
(Pa)	47.19	46.6	50.65	55.15	60.66	63.18	63.62

H	140	160	180	200	220	240
(R)	0.2774	0.2912	0.2681	0.2468		
(Pa)	17.42	18.29	23.12	21.78		
(R)	0.2359	0.2269	0.3036	0.2940		
(Pa)	29.63	32.9	28.13	36.93		
(R)	0.2343	0.2398	0.2690	0.2841		
(Pa)	44.14	45.18	50.68	53.52		
(R)	0.2090	0.2345	0.2345	0.2503		
(Pa)	65.19	71.67	71.67	78.59		

L3-
01/09

Chiumbati Miembeni (1/3)



(South)
Chiumbati
Miembeni
28.09.2000

$N = 13 \times 4 = 52$

$\bar{d} = 313.77922$

$s = 611.58177$

$\bar{d}_{-1/2s} = 206.6$

$\bar{d}_{-1/3s} = 258.7$

$\bar{d}_{+1/3s} = 517.6$

$\bar{d}_{+1/2s} = 619.6$

$\bar{d}_{+s} = 925.4$

$N = 13 \times 4 = 52$

$\bar{d} = 173.01923$

$s = 25.697$

$\bar{d}_{-1/2s} = 22.2$

$\bar{d}_{-1/3s} = 144.5$

$\bar{d}_{+1/3s} = 201.6$

$\bar{d}_{+s} = 258.7$

L3-09/09

Chiumbati Miembeni (2/3)

Ah= 20 Site Name: Chiumbati Miembeni
 North
 Line No.:
 Date: 28.09.2009
 Page: /

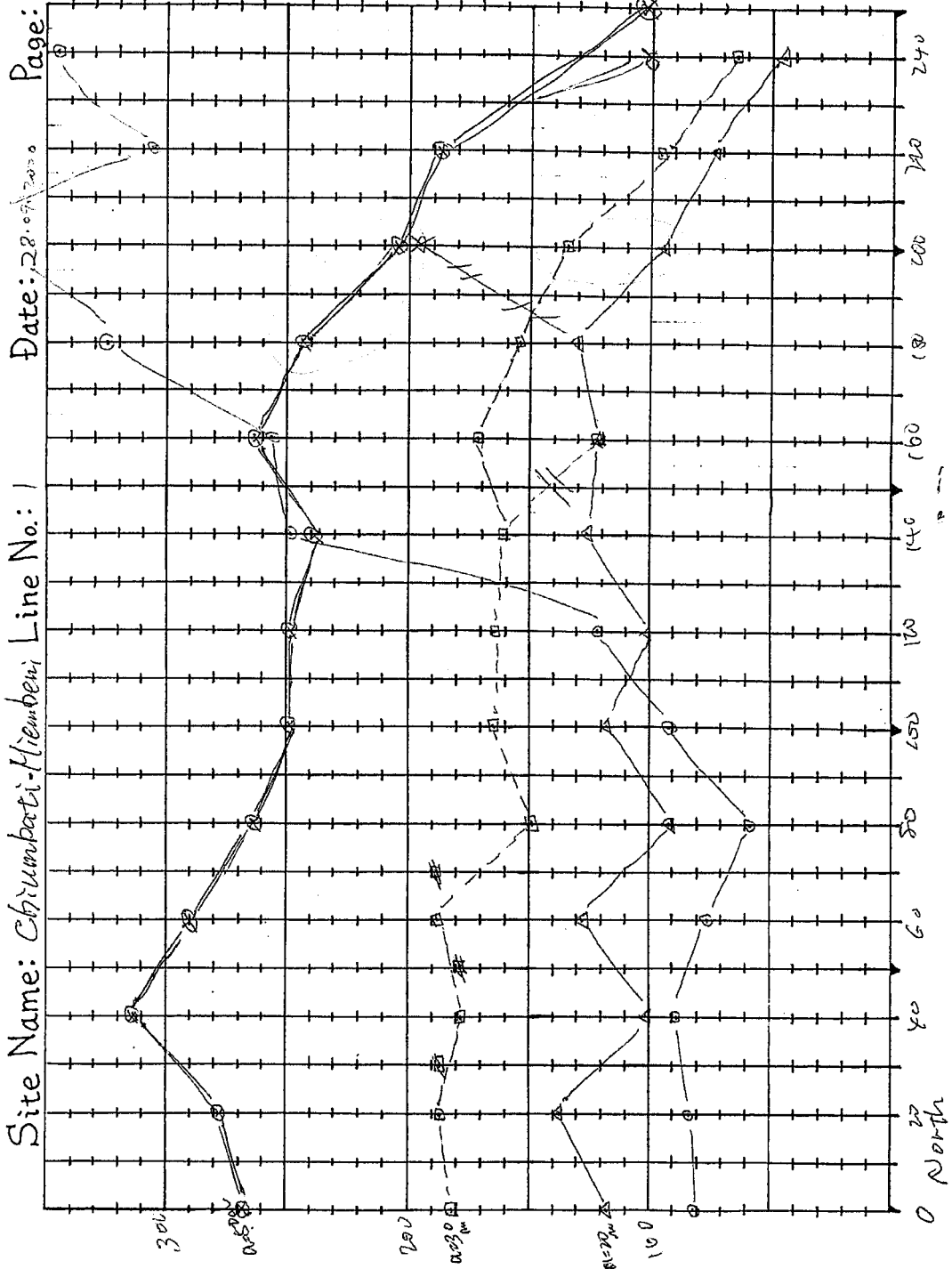
H	0	20	40	60	80	100	200	240
(R)	1.2905	1.4901	1.4175	1.2024	0.9159	1.0431	0.83290	0.92841
(Pa)	81.0	83.6	89.0	75.51	57.52	64.59	261.53	291.521
(R)	0.9385	1.0920	0.8059	1.0184	0.7275	0.9323	1.0780	10.8640
(Pa)	117.9	137.2	101.2	127.91	91.4	80.51	101.55	81.4
(R)	0.9604	0.9944	0.9476	0.9964	0.7976	0.8752		
(Pa)	189.9	187.3	172.5	187.72	149.14	164.89		
(R)	0.8538	0.8848	0.9972	0.9230	0.8385	0.7926		
(Pa)	268.1	277.8	313.12	289.8	263.3	248.9		

H	120	140	160	180	200	220	240
(R)	1.944.	3.3725	4.0616	5.1780	6.6731	4.8755	5.4801
(Pa)	121.92	248.2	255.1	325.2	419.1	306.2	344.8
(R)	0.8021	1.0045	0.9688	1.0325	0.7679	0.5806	0.3572
(Pa)	100.74	126.2	121.7	129.7	96.4	72.9	44.9
(R)	0.8723	0.8518	0.9059	0.8190	0.7108	0.5116	0.341
(Pa)	164.34	160.5	170.7	154.3	133.91	96.4	64.3
(R)	0.7910	0.7625	0.8379	0.7728	0.6546	0.5029	0.3208
(Pa)	248.4	239.43	263.1	242.7	205.5	157.91	100.73

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 09/09

Chiumbati Miembeni (3/3)

L3-09/09

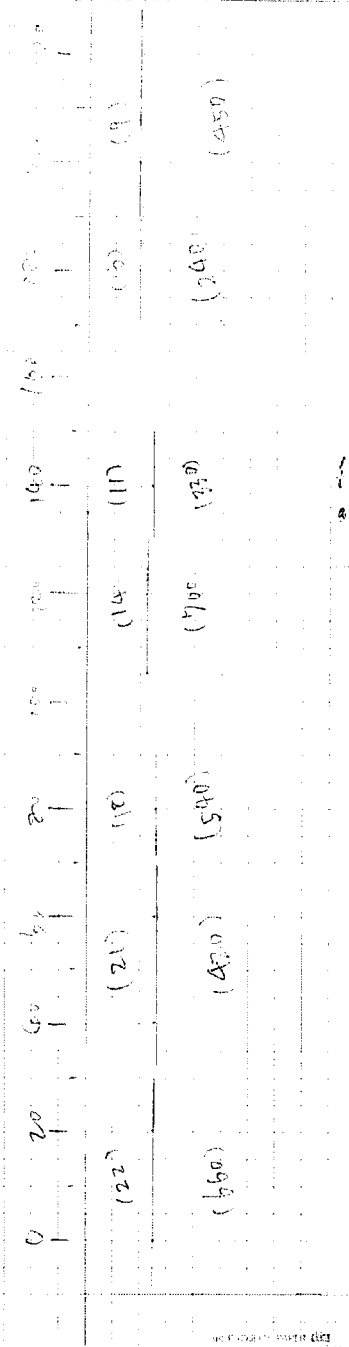
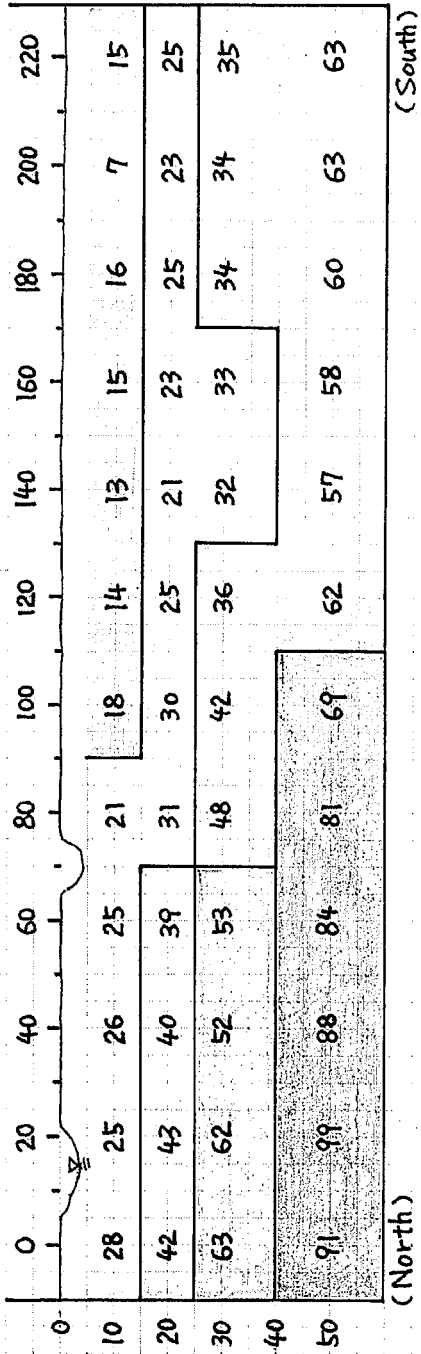


Naipanga (1/3)

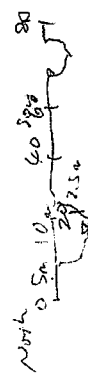
Naipanga
 0 29.09.2000
 N = 12 x 4
 = 48
 $\bar{d} = 41.4375$
 $\sigma = 22.677$

$\bar{d} - \sigma = 18.8$
 $\bar{d} + \frac{1}{2}\sigma = 33.9$
 $\bar{d} + \frac{3}{5}\sigma = 49.0$
 $\bar{d} + \sigma = 64.1$

L3-08/09



Naipanga (2/3)



Ah = 20
 Site Name: Naipanga
 Line No.:
 Date: 29/09/2000
 Page: 1/1

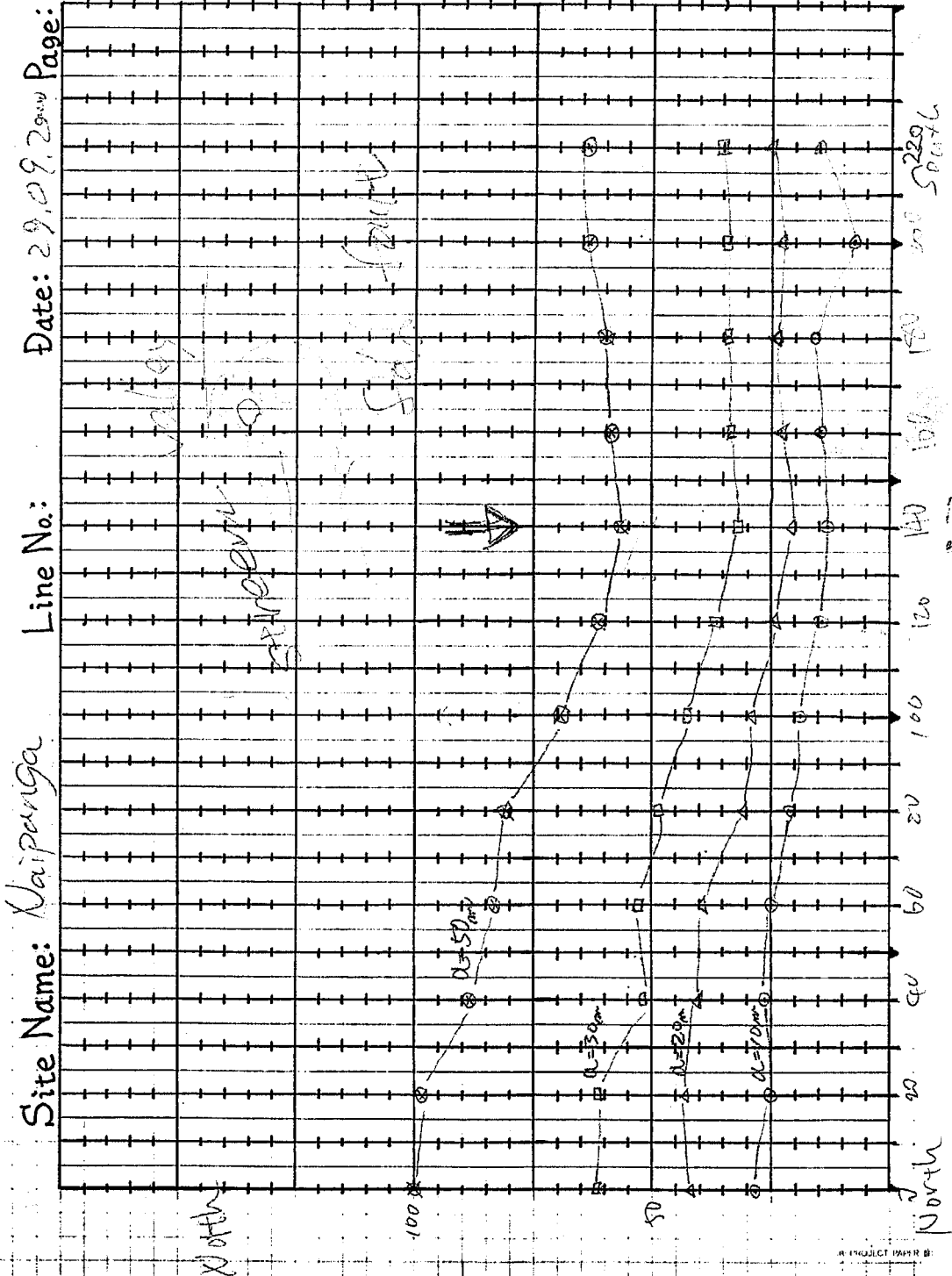
H	0	20	40	60	80	100
(R)	0.4425	0.3975	0.4176	0.3956	0.3280	0.2816
10						
(Pa)	22.8	24.96	26.2	24.8	20.6	17.7
(R)	0.3342	0.3423	0.3198	0.3116	0.2496	0.2346
20						
(Pa)	41.98	42.99	40.2	39.1	31.3	29.5
(R)	0.3342	0.3312	0.2765	0.2815	0.2563	0.2208
30						
(Pa)	62.96	62.4	52.1	53.0	48.3	41.6
(R)	0.2898	0.3144	0.2797	0.2665	0.2575	0.2206
50						
(Pa)	90.99	98.7	87.8	83.7	80.9	69.3

H	120	140	160	180	200	220
(R)	0.2210	0.2133	0.2414	0.2471	0.2292	0.2405
10						
(Pa)	13.9	13.4	15.2	15.5	14.9	15.1
(R)	0.1954	0.1700	0.1819	0.1947	0.1850	0.1991
20						
(Pa)	24.5	21.4	22.8	24.5	23.2	25.0
(R)	0.1903	0.1702	0.1729	0.1805	0.1791	0.1879
30						
(Pa)	35.9	32.1	32.6	34.0	33.7	35.4
(R)	0.1987	0.1820	0.1852	0.1907	0.2006	0.1998
50						
(Pa)	62.4	57.1	58.2	60	63	62.7

L3-
08/09

Naipanga (3/3)

L3-08/09



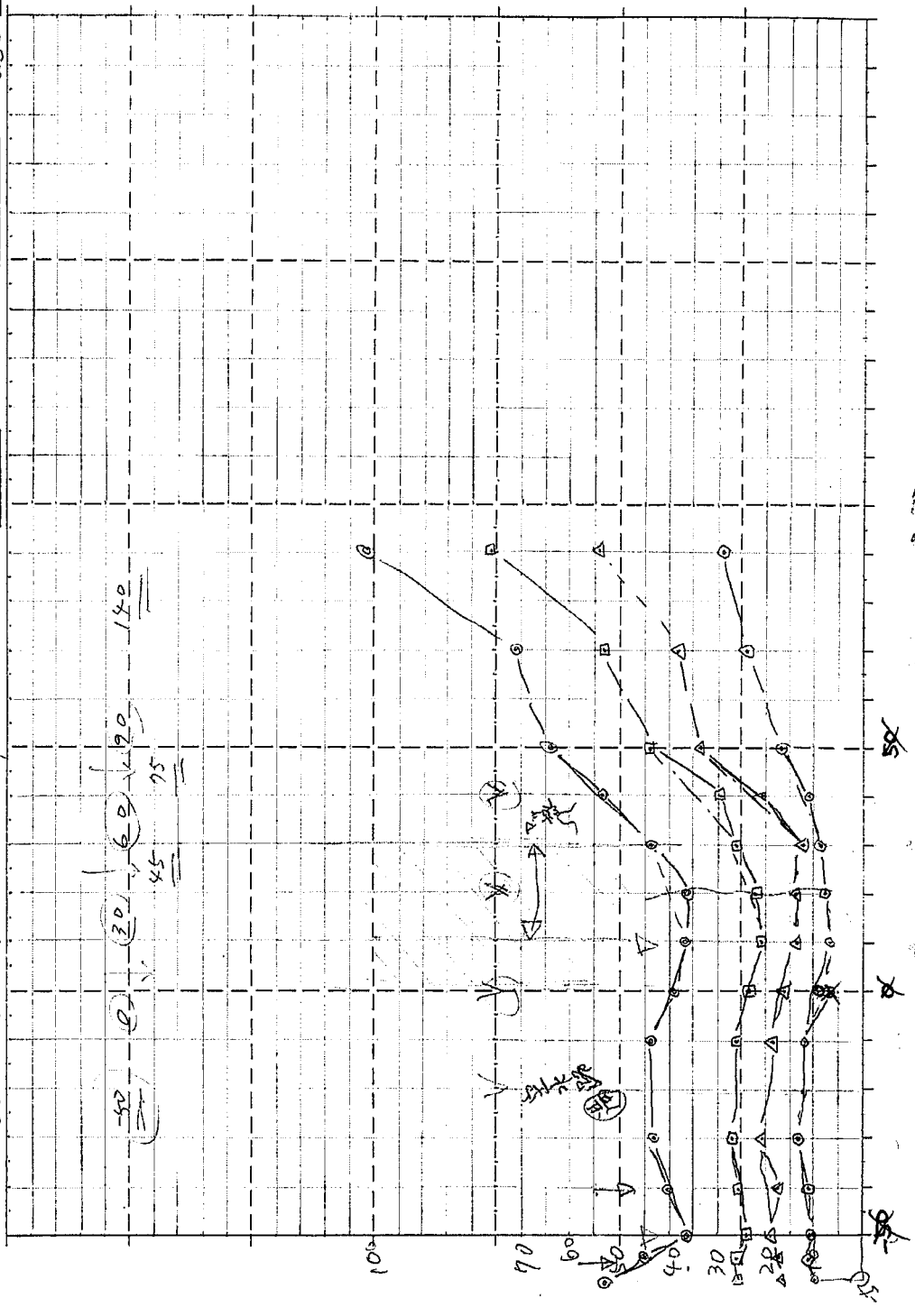
Ndomoni (1/2)

Site Name: NDOMONI Line No: 1-2 Date: _____ Page: 1

24.7.2009

NDO-MONI

L3-09
09 25



Ndomoni (2/2)

Δh = 30 Site Name: NDOMONI Line No.: / Date: 24/7/2000 Page: /
 1640

Δh	① 0	② 15	③ 30	④ 60	⑤ 75	⑥ 90	⑦ 105	⑧ 120	⑨ 135	⑩ 150	⑪ 165	⑫ 180	⑬ 195	⑭ 210	⑮ 225	⑯ 240	⑰ 255	⑱ 270	⑲ 285	⑳ 300
(R)	0.1777	0.1756	0.2132	0.1919	0.1415	0.1057	0.1198	0.1103	0.1099	0.1172	0.1173	0.1173	0.1173	0.1173	0.1173	0.1173	0.1173	0.1173	0.1173	0.1173
10	0.1763	11.0	13.4	12.1	8.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
(P)	0.1582	0.1396	0.1662	0.1472	0.1308	0.1037	0.1099	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
20	0.1582	17.5	20.9	18.5	16.4	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
(P)	0.1299	0.1371	0.1422	0.1389	0.1237	0.1042	0.1172	0.1172	0.1172	0.1172	0.1172	0.1172	0.1172	0.1172	0.1172	0.1172	0.1172	0.1172	0.1172	0.1172
30	24.4	25.8	26.9	26.1	23.3	20.6	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
(P)	0.1184	0.1311	0.1371	0.1400	0.1271	0.1166	0.1173	0.1173	0.1173	0.1173	0.1173	0.1173	0.1173	0.1173	0.1173	0.1173	0.1173	0.1173	0.1173	0.1173
50	0.1154	41.2	43.1	44.4	39.9	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
(P)	38.3																			

Line 2
14 x 4

Δh	① -50	② -25	③ New 0	④ 50	⑤ 100	⑥ 150	⑦ 200	⑧ 250	⑨ 300	⑩ 350	⑪ 400	⑫ 450	⑬ 500	⑭ 550	⑮ 600	⑯ 650	⑰ 700	⑱ 750	⑲ 800	⑳ 850
(R)	0.1684	0.1901	0.1715	0.2077	0.3062	0.4706	0.3804	0.3304	0.3091	0.3039	0.4028	0.4028	0.4028	0.4028	0.4028	0.4028	0.4028	0.4028	0.4028	0.4028
10	0.1567	0.1271	0.1791	0.2669	0.3304	0.4693	0.3304	0.3304	0.3304	0.3304	0.4028	0.4028	0.4028	0.4028	0.4028	0.4028	0.4028	0.4028	0.4028	0.4028
(P)	0.1068	7.988	11.4	11.4	28.3	28.6	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
20	0.1322	0.1935	0.1602	0.2650	0.3091	0.4332	0.3091	0.3091	0.3091	0.3091	0.4028	0.4028	0.4028	0.4028	0.4028	0.4028	0.4028	0.4028	0.4028	0.4028
(P)	0.1516	16.95	20.9	33.3	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
30	0.1380	0.1409	0.1591	0.2327	0.2792	0.4028	0.2792	0.2792	0.2792	0.2792	0.4028	0.4028	0.4028	0.4028	0.4028	0.4028	0.4028	0.4028	0.4028	0.4028
(P)	0.1691	26.1	29.6	44.1	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
50	0.1422	0.1719	0.1719	0.2047	0.2280	0.3220	0.2280	0.2280	0.2280	0.2280	0.3220	0.3220	0.3220	0.3220	0.3220	0.3220	0.3220	0.3220	0.3220	0.3220
(P)	33.1	41.7	57.9	68.3	76.1	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2

Mandai (1/3)

WEST → EAST
 Site Name: Mandai
 Date: 08.09.2000
 Line No.:
 Page: 10 of 12

H	-200	-160	-120	-80	-40
R)	1.6389	0.8487	0.9291	0.4502	5.0058
10	20.586	3.7228	2.8504	2.5558	12.782
P)	102.9	53.3	58.3	22.3	314.4
R)	0.9359	0.4038	0.3729	0.2618	1.1311
20	0.6708	0.5365	0.5997	0.3813	2.2189
P)	63.15	50.7	46.8	32.9	142.1
R)	0.3493	0.2781	0.2081	0.1839	0.6454
30	0.6708	52.4	37.2	34.6	121.6
P)	63.15	0.1065	0.1187	0.1509	0.1723
R)	0.3229	33.4	37.1	47.4	55.7
50	10.14	(0.1038)			
P)					

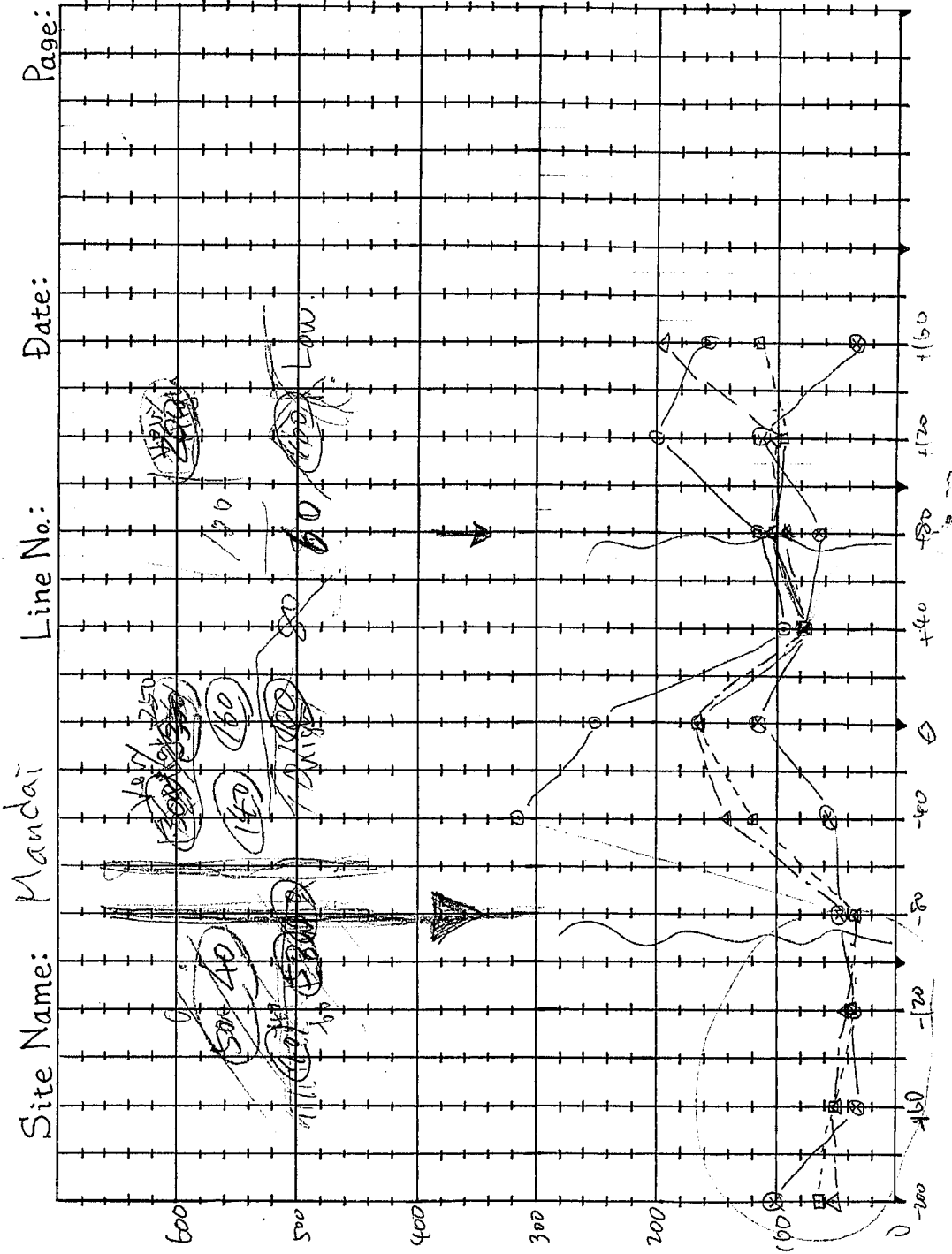
H	0	+40	+80	+120	+160
R)	3.9091	1.5429	1.8359	3.1656	2.5213
10	18.244	22.1993	11.587	11.918	4.1292
P)	247.6	76.9	115.3	198.8	158.3
R)	1.2845	0.5777	0.8092	0.8578	1.5570
20	1.7909	0.7817	0.8473	0.8578	2.1545
P)	103.4	74.2	90.2	107.7	195.6
R)	0.8850	0.4111	0.4554	0.4928	0.5961
30	166.8	77.5	101.3	94.2	112.3
P)	102.0	0.2497	0.2402	0.3683	0.1192
R)	0.9795	78.4	66.0	115.6	36.2
50	117.3				
P)					

L3 - 06/09
 0.3680
 115.6

Mandai (2/3)

L3-06/09

✓



Mpiruka (1/3)

Mpiruka
05.09.2000

$$N = 4 \times 11 + 6 + 4 = 54$$

$$\bar{d} = 39.6 / 85.19$$

$$s = 89.25$$

$$N = 53$$

$$\bar{d} = 277.4799245$$

$$s = 12.6$$

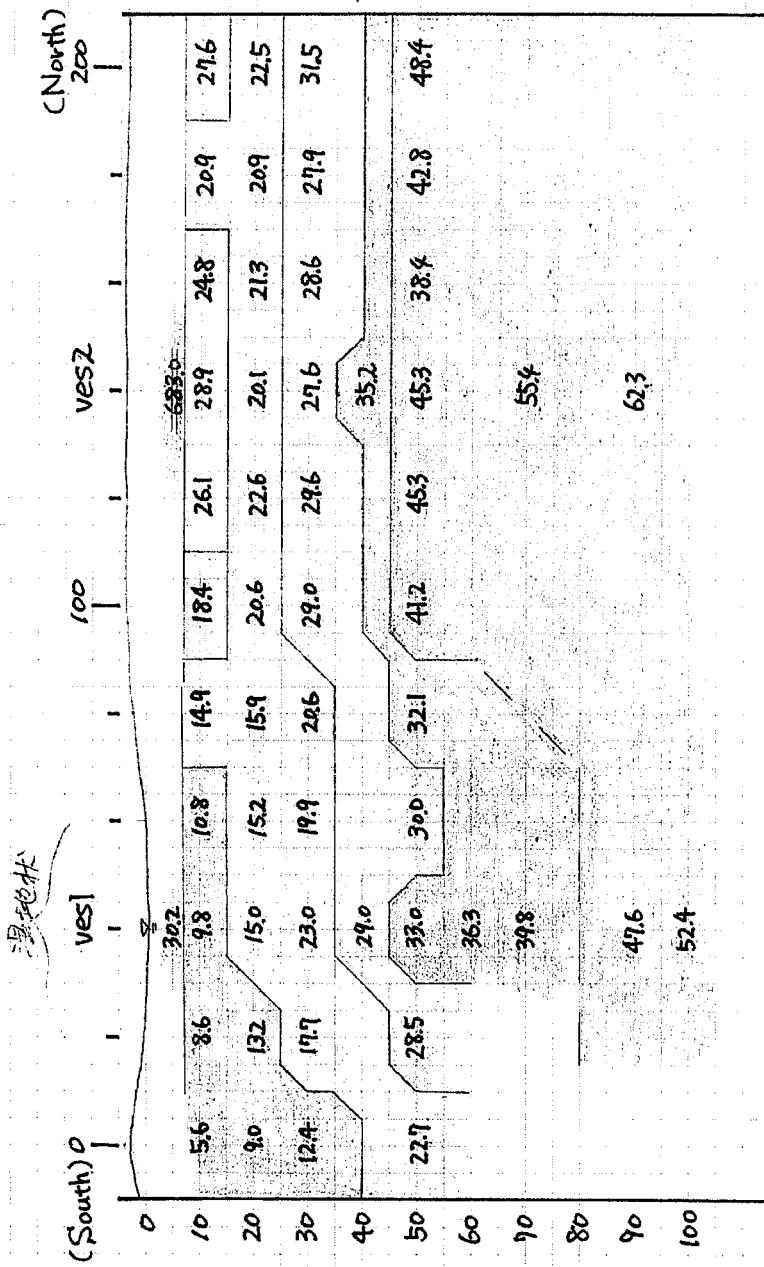
$$\bar{d} - s = 146.9$$

$$\bar{d} + s = 233.3$$

$$\bar{d} + \%s = 31.7$$

$$\bar{d} + \%s = 40.1$$

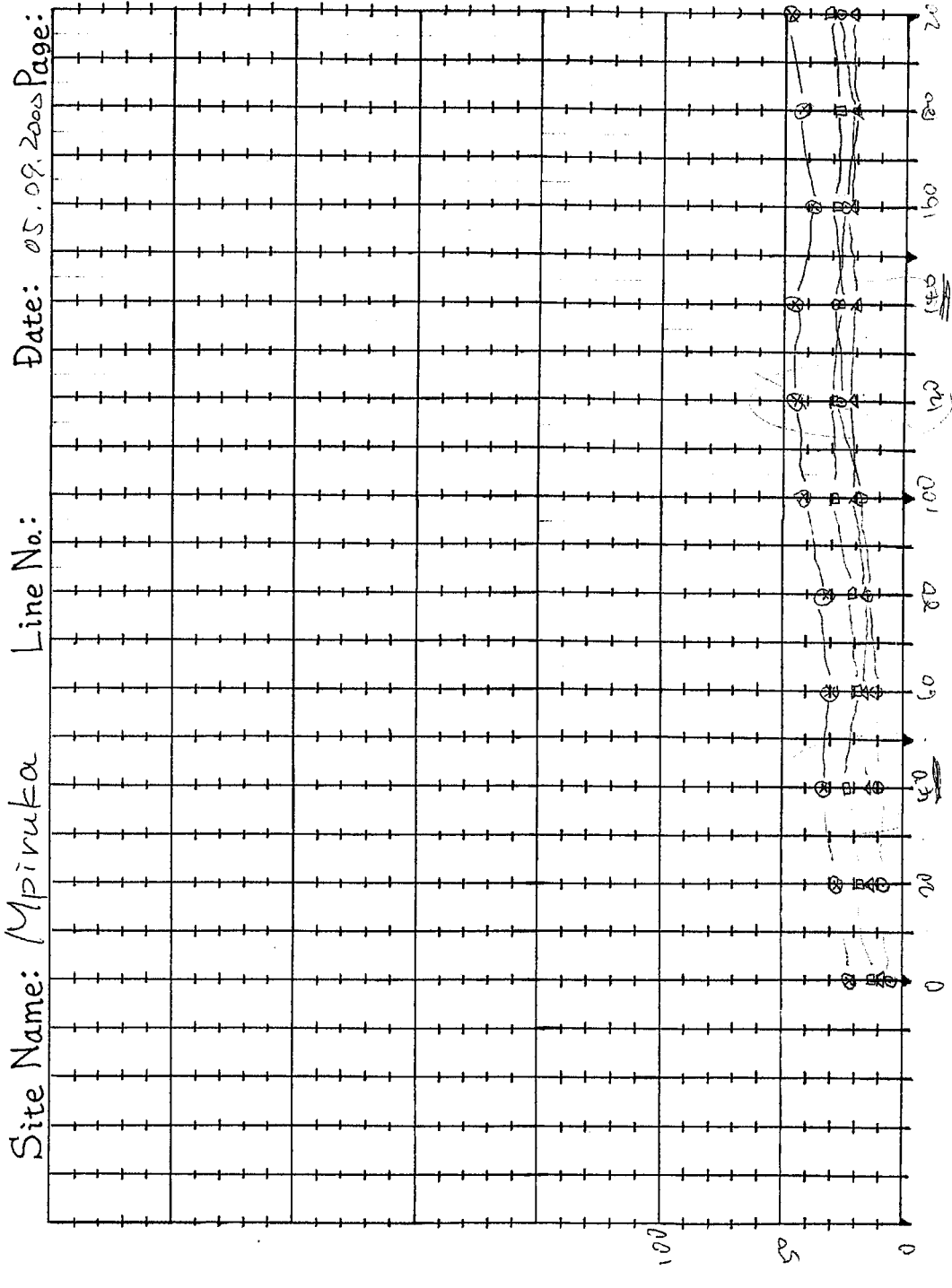
L3-05/09



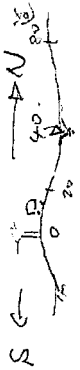
Mpiruka (2/3)

L3-05/09

/



Mpiruka (3/3)



Δh = 20 Site Name: Mpiruka Line No: 40 Date: 05.09.2000 Page: /

H	0	20	40	60	80	100
(R)	0.0892	0.1368	0.1556	0.1725	0.2372	0.2932
10 (P)	5.60	8.59	9.77	10.83	14.9	18.8
(R)	0.0713	0.1082	0.1190	0.1210	0.1269	0.1638
20 (P)	8.955	13.15	14.95	15.2	15.94	20.6
(R)	0.0659	0.0932	0.1222	0.1057	0.1091	0.1540
30 (P)	12.4	17.67	23.02	19.91	20.54	29.01
(R)	0.0124	0.0906	0.1050	0.0955	0.1021	0.1312
50 (P)	22.7	28.45	32.97	29.99	32.06	41.2

→ North

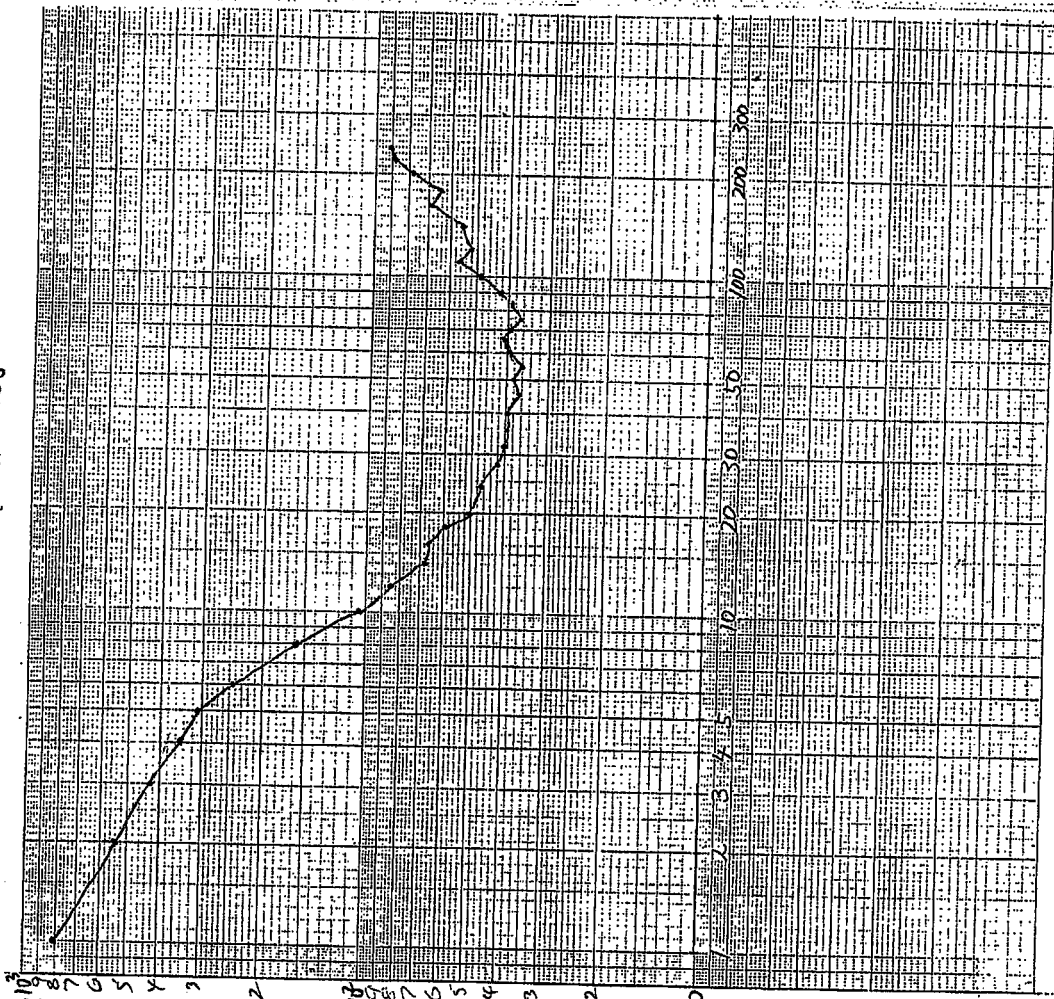
H	120	140	160	180	200	220
(R)	0.4153	0.4597	0.3943	0.3328	0.4394	0.4999
10 (P)	26.1	28.9	24.8	20.8	27.6	31.5
(R)	0.1797	0.1601	0.1692	0.1667	0.1785	0.1672
20 (P)	22.6	20.1	21.3	20.9	22.5	31.5
(R)	0.1573	0.1463	0.1516	0.1483	0.1672	0.1541
30 (P)	29.6	29.6	28.6	27.9	31.5	48.4
(R)	0.1444	0.1443	0.1223	0.1363	0.1541	0.1541
50 (P)	45.3	45.3	38.4	42.8	48.4	48.4

L3-
05/09

Liwale District

Mihumo

Mihumo VES I 10.11.2000

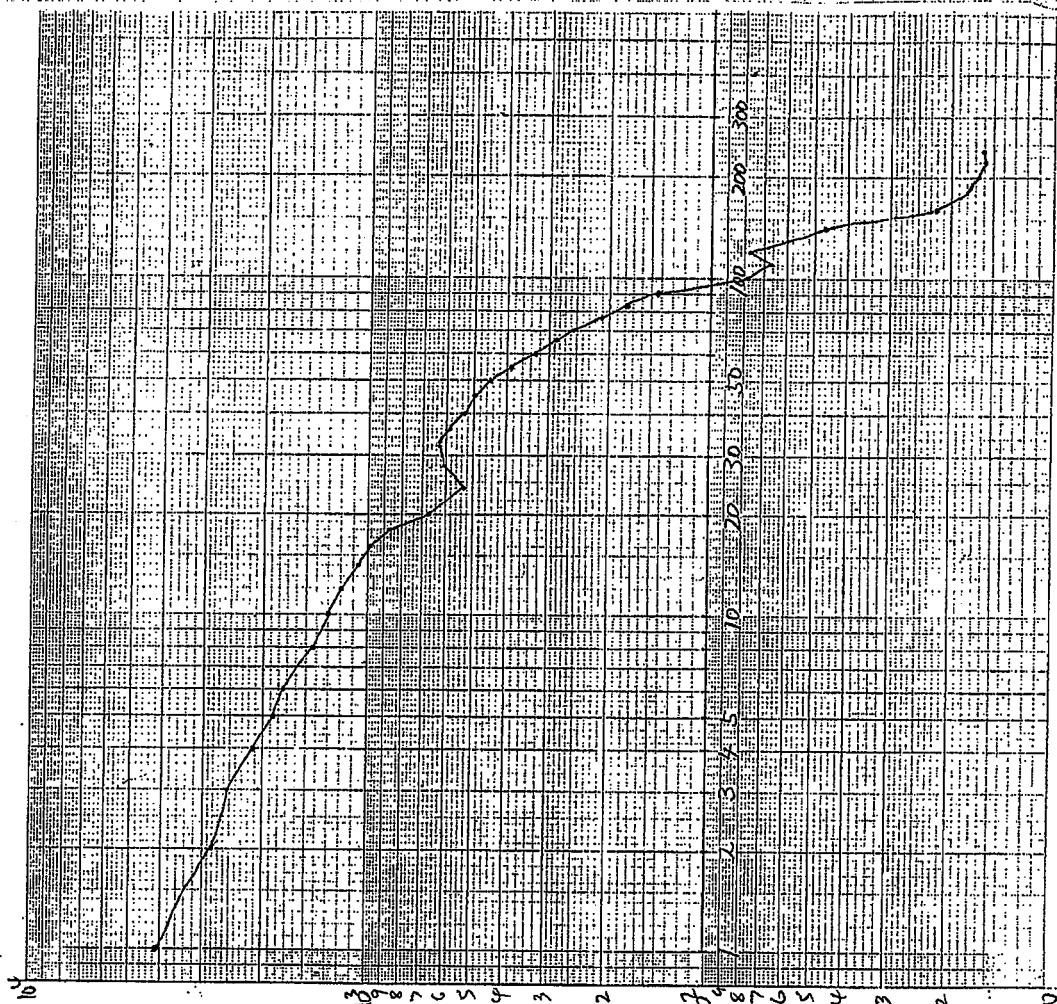


$$\rho_a = 2\pi a^2 V / I = 0.28 \times a \times V / I$$

TAG	a	mV	mA	R	ρ_a
1	1	129.3	1.001	129.22	811.5
2	2	42.52	1.001	42.480	539.3
3	3	22.79	1.001	22.771	428.1
4	4	13.97	1.001	13.962	350.4
5	5	10.09	1.000	10.080	316.5
6	6	12.85	2.001	6.447	242.02
7	8	6.302	2.001	3.1485	158.37
8	10	3.355	2.001	1.6761	105.26
9	12	5.639	5.004	1.1246	84.95
10	14	3.889	5.004	0.7770	68.4
11	16	6.687	10.00	0.6681	66.81
12	18	4.410	8.395	0.5253	59.76
13	20	4.036	10.00	0.4032	50.80
14	24	3.103	10.00	0.3100	46.81
15	28	2.390	10.00	0.2388	42.03
16	32	1.990	10.00	0.1989	40.00
17	36	1.539	8.773	0.1744	39.53
18	40	1.450	9.191	0.1578	39.61
19	45	1.290	10.00	0.1288	36.45
20	50	1.237	10.00	0.1236	38.81
21	55	1.055	10.00	0.1054	36.36
22	60	1.046	10.00	0.1045	39.40
23	65	0.460	5.004	0.0994	40.56
24	70	0.453	5.004	0.0903	39.73
25	76	0.383	5.004	0.0766	36.54
26	82	0.380	5.004	0.0760	39.14
27	90	0.380	5.004	0.0759	42.88
28	100	0.155	2.001	0.0776	48.73
29	110	0.166	2.001	0.0831	57.42
30	120	0.138	2.001	0.0691	52.10
31	140	0.125	2.001	0.0628	55.20
32	160	0.348	5.004	0.0696	69.60
33	180	0.113	2.001	0.0568	64.20
34	200	0.125	2.001	0.0624	78.62
35	220	0.225	5.004	0.0649	89.56
36	240	0.298	5.004	0.0596	90.00
37	260				
38	280				
39	300				

Ngongowele

NGONGOWELE VES I (0.11.2000)



$\rho_a = 2\pi a \cdot V / I = 6.28 \times a \times V / I$

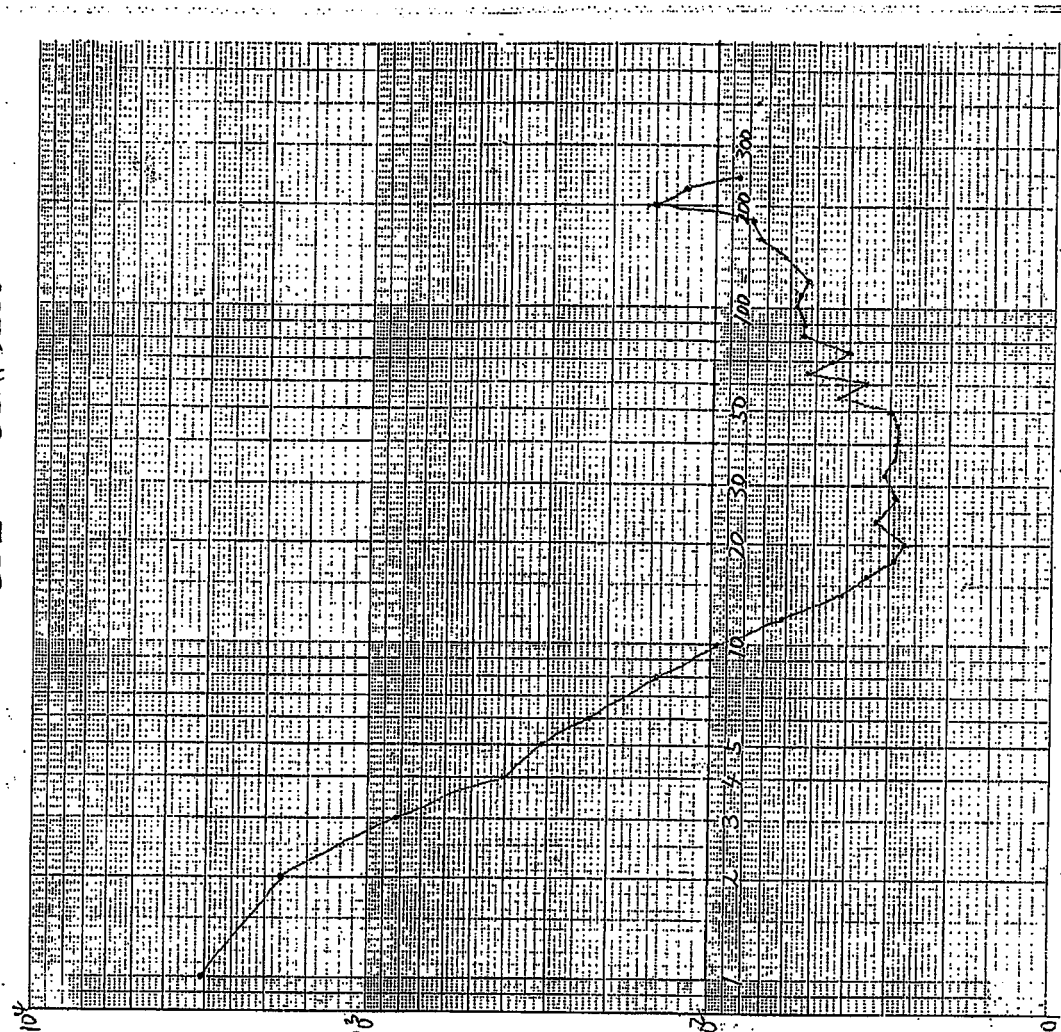
TAG	a	mV	mA	R	ρ_a
1	1	66.51	1.001	664.41	4172.5
2	2	224.7	1.001	224.43	5827.8
3	3	124.7	1.001	134.59	2530.3
4	4	84.95	1.001	84.856	2129.9
5	5	60.32	1.001	60.259	1892.13
6	6	46.80	1.001	46.811	1769.78
7	8	56.80	2.002	28.368	1426.91
8	10	41.45	2.002	20.704	1500.21
9	12	31.87	2.002	15.918	1200.22
10	14	24.19	2.002	12.083	1063.30
11	16	19.90	2.002	9.9414	994.14
12	18	14.53	2.001	7.2612	860.20
13	20	10.65	2.001	5.3246	676.82
14	24	7.118	2.001	3.5555	536.70
15	28	6.954	2.001	3.4740	612.42
16	32	6.253	2.001	3.1238	627.90
17	36	5.141	2.001	2.5682	580.41
18	40	4.259	2.001	2.1277	534.10
19	45	8.834	5.005	1.7657	499.52
20	50	7.113	4.968	1.4318	449.59
21	55	5.703	5.004	1.1395	393.13
22	60	4.359	5.005	0.8710	328.40
23	65	3.504	5.004	0.7001	285.64
24	70	1.171	2.001	0.5854	257.60
25	76	0.882	2.001	0.4404	210.31
26	82	0.691	2.001	0.3455	178.00
27	90	0.498	2.001	0.2490	141.00
28	100	0.249	2.001	0.1248	78.40
29	110	0.196	2.001	0.0979	67.65
30	120	0.203	2.001	0.1018	76.76
31	140	0.100	2.001	0.0503	46.85
32	160	0.109	5.004	0.0219	21.90
33	180	0.081	5.004	0.0162	18.31
34	200	0.066	5.004	0.0132	16.63
35	220	0.114	10.00	0.0114	15.73
36	240	0.053	5.003	0.0106	16.01
37	260				
38	280				
39	300				

0.0990 0.0109 0.0135 0.0117 0.234 132 0096 008

Mikunya

VES 1 08.11.2000

MIKUNYA

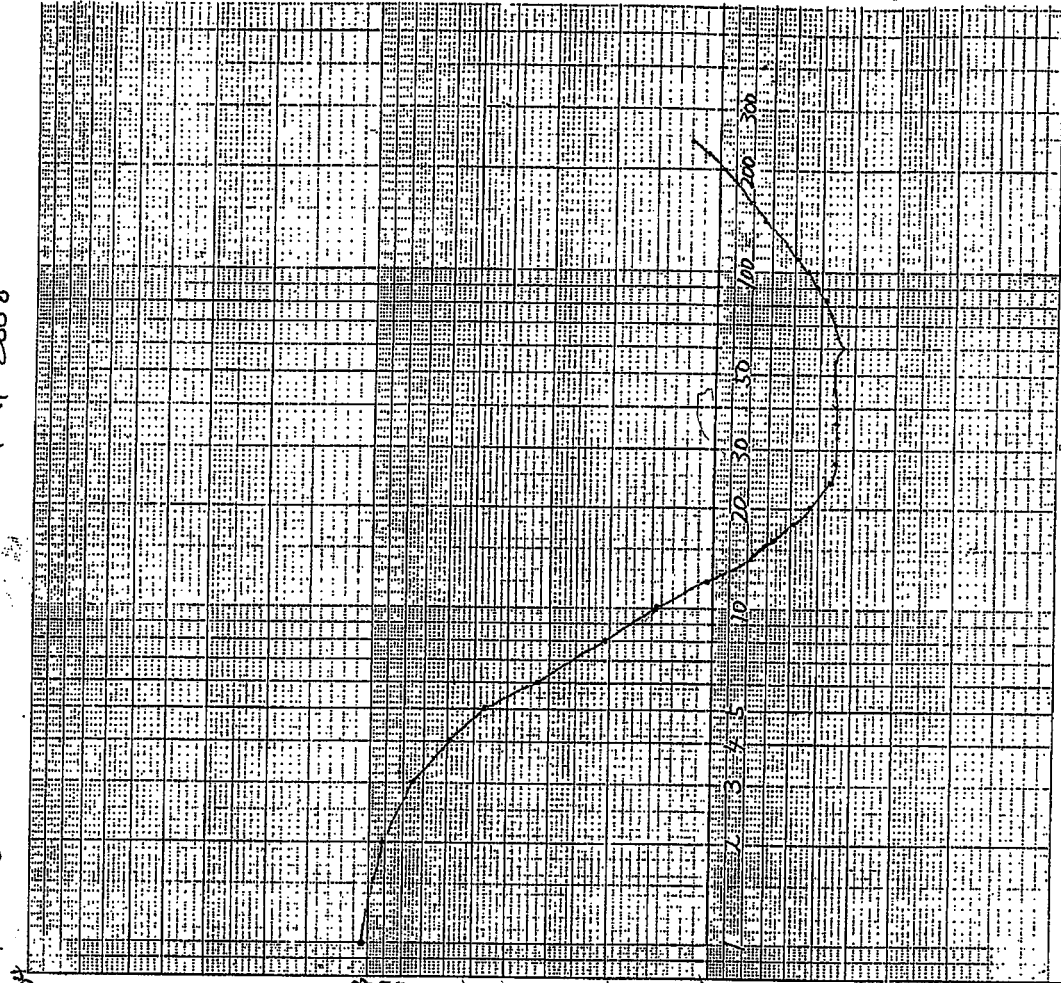


$\rho_a = 2\pi a \cdot V / I = 6.28 \times a \times V / I$

TAG	a	mV	mA	R	ρ_a
1	1	486.1	1.001	485.63	3049.76
2	2	143.1	1.001	143.11	1803.19
3	3	87.61	2.002	43.759	822.67
4	4	31.98	2.002	15.975	400.97
5	5	50.25	5.005	10.040	315.26
6	6	30.50	5.005	6.0952	229.79
7	8	28.29	10.01	2.8263	142.16
8	10	15.57	10.01	1.5555	97.69
9	12	8.109	10.01	0.8101	61.08
10	14	9.343	20.01	0.4667	41.07
11	16	3.485	10.00	0.3482	34.82
12	18	2.451	9.418	0.2602	29.40
13	20	1.042	4.818	0.2162	27.24
14	24	0.365	1.664	0.2198	33.20
15	28	0.817	5.004	0.1633	28.74
16	32	0.313	2.001	0.1567	31.50
17	36	0.259	2.001	0.1293	29.22
18	40	0.570	5.004	0.1140	28.61
19	45	1.012	10.00	0.1011	28.61
20	50	0.477	5.004	0.0954	30.0
21	55	0.583	4.650	0.1254	43.3
22	60	0.193	2.001	0.0964	36.34
23	65	0.259	2.001	0.1294	52.80
24	70	0.528	5.004	0.1075	47.30*
25	76	0.837	10.00	0.0837	40.00*
26	82	1.062	10.00	0.1061	54.64
27	90	0.965	10.00	0.0964	54.50
28	100	0.456	5.004	0.0912	57.30
28	110	0.345	5.004	0.0690	47.68
30	120	0.351	5.004	0.0702	52.93
31	140	0.312	5.004	0.0715	62.85
32	160	0.745	10.00	0.0744	74.40
33	180	0.1381	2.001	0.05902	78.0
34	200	0.243	2.001	0.1217	153.34*
35	220	0.423	4.844	0.0874	120.61
36	240		5.004	0.0565	85.32
37	260				
38	280				
39	300				

Mbaya

Mbaya (Home) VES 1 09.11.2000

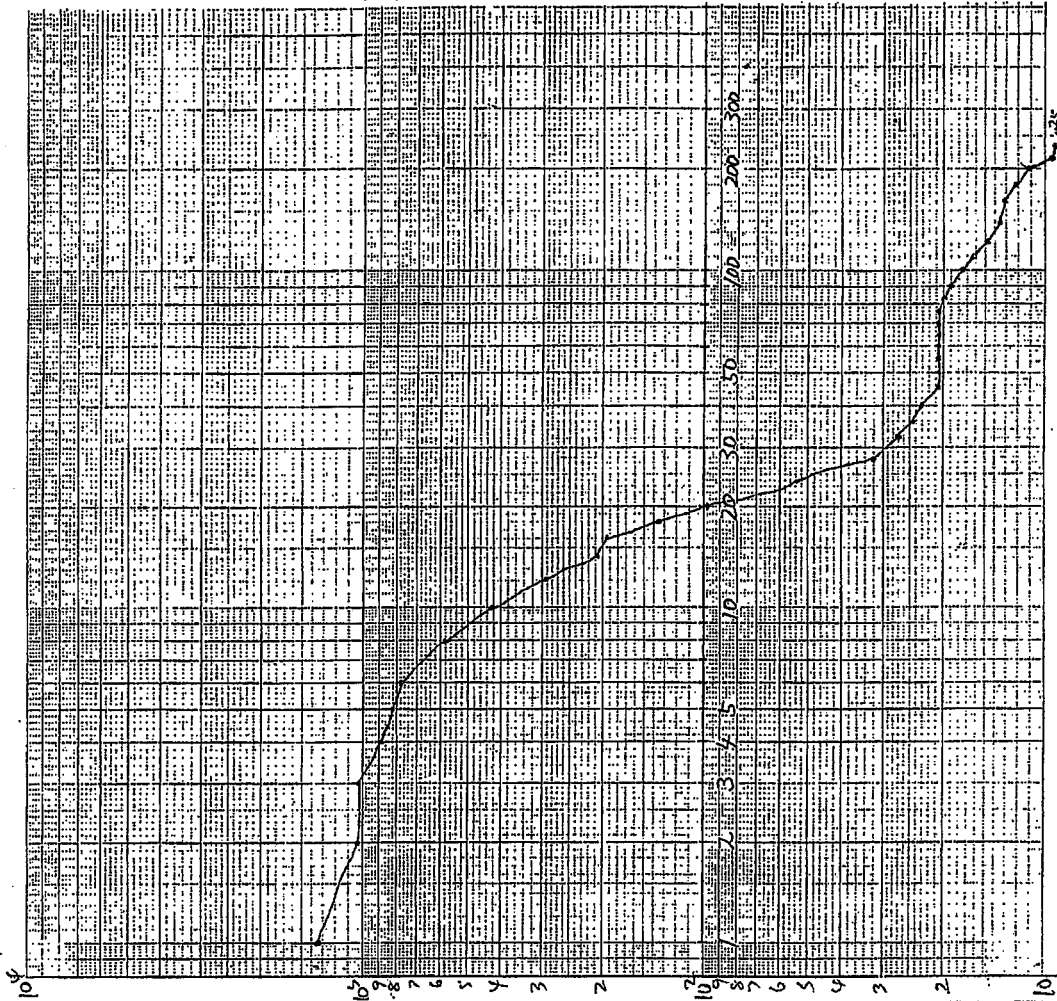


$\rho = 2\pi a \cdot V / I = 6.28 \times a \times V / I$

TAGI	a	mV	mA	R	ρ
1	1	170.1	1.001	169.91	1057.03
2	2	72.27	1.001	72.214	907.90
3	3	79.07	2.002	39.490	742.41
4	4	49.99	2.002	23.473	589.20
5	5	74.61	5.005	14.946	469.30
6	6	86.09	10.01	8.5999	324.22
7	8	41.50	10.01	4.1462	208.55
8	10	23.20	10.01	2.3183	145.6
9	12	13.76	10.01	1.3745	103.64
10	14	9.003	10.01	0.8993	79.14
11	16	6.903	10.01	0.6896	68.96
12	18	5.192	10.01	0.5187	58.61
13	20	4.189	10.01	0.4185	52.73
14	24	6.095	20.02	0.3044	45.96
15	28	5.131	20.01	0.2563	45.12
16	32	4.455	20.02	0.2225	44.72
17	36	3.963	20.01	0.1979	44.73
18	40	3.575	20.01	0.1785	44.80
19	45	3.235	20.11	0.1608	45.51
20	50	2.909	20.03	0.1452	45.60
21	55	1.318	10.01	0.1317	45.44
22	60	1.075	9.320	0.1154	43.51
23	65	1.099	10.01	0.1098	44.80
24	70	1.038	10.00	0.1037	45.63
25	76	1.971	20.01	0.0980	46.94
26	82	0.941	10.00	0.0940	48.41
27	90	0.915	10.00	0.0914	51.64
28	100	0.871	10.00	0.0870	54.64
29	110	0.854	10.00	0.0853	58.94
30	120	1.688	20.01	0.0843	63.54
31	140	0.840	10.01	0.0839	73.75
32	160	0.400	5.004	0.0801	80.10
33	180	1.585	20.05	0.0790	89.30
34	200	0.772	10.00	0.0772	97.30
35	220	0.778	10.00	0.0772	107.83
36	240	0.790	10.00	0.0789	119.14
37	260				
38	280				
39	300				

Mlembwe

Mlembwe Vest 13.11.2000



$\rho_a = 2\pi a \cdot V / I = 6.28 \times a \times V / I$

TAG	a	mV	mA	R	ρ_a
1	1	214.7	1.001	214.52	1347.20
2	2	80.75	1.001	80.659	1016.30
3	3	54.59	1.001	54.586	1025.30
4	4	35.50	1.001	35.43	890.12
5	5	26.17	1.001	26.144	820.92
6	6	20.57	1.001	20.553	774.85
7	8	20.23	2.002	10.108	508.43
8	10	34.06	5.004	6.8065	427.47
9	12	19.62	5.004	3.9207	295.62
10	14	23.86	10.01	2.3842	209.81
11	16	38.87	20.01	1.9419	194.19
12	18	23.44	20.01	1.1712	132.35
13	20	15.87	20.01	0.7930	99.92
14	24	7.124	20.01	0.3559	53.74
15	28	3.692	20.01	0.1844	32.45
16	32	2.660	20.01	0.1329	26.71
17	36	2.170	20.01	0.1084	24.50
18	40	1.847	20.01	0.0923	23.20
19	45	1.471	20.01	0.0735	20.80
20	50	1.307	20.01	0.0653	20.50
21	55	2.981	50.03	0.0596	20.56
22	60	2.709	50.03	0.0541	20.40
23	65	2.497	50.03	0.0499	20.40
24	70	2.370	50.03	0.0473	20.81
25	76	2.119	49.03	0.0432	20.61
26	82	1.874	48.26	0.0388	19.98
27	90	1.689	50.03	0.0337	19.04
28	100	1.400	50.32	0.0278	17.46
29	110	1.022	43.12	0.0237	16.38
30	120	0.981	50.03	0.0196	14.78
31	140	0.776	50.03	0.0155	13.62
32	160	0.133	10.00	0.0132	13.20
33	180	0.053	5.004	0.0107	12.10
34	200	0.089	10.004	0.0089	11.20
35	220	0.135	20.01	0.0067	9.25
36	240	0.120	20.01	0.0060	9.06
37	260				
38	280				
39	300				